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(54) **Title:** USE OF PEPTIDES AS BIOMARKERS IN THE DIAGNOSIS, CONFIRMATION AND TREATMENT OF A NEUROLOGICAL DISORDER

(57) **Abstract:** The present invention provides methods for assessing whether a subject is at risk of developing a neurological disorder, diagnosing or confirming whether a subject is afflicted with a neurological disorder, assessing whether PD has progressed in a subject afflicted with PD, assessing whether a neurological disorder is developing in a subject who has been identified as being at risk of developing the neurological disorder, assessing whether a subject afflicted with a neurological disorder is likely to benefit from a therapy, assessing whether a subject afflicted with a neurological disorder has benefited from a therapy, treating a subject afflicted with a neurological disorder, and prophylactically treating a subject who has been identified as being at risk of developing a neurological disorder. The present invention also provides epitopes, compounds and compositions relating to these methods.

USE OF PEPTIDES AS BIOMARKERS IN THE DIAGNOSIS, CONFIRMATION AND TREATMENT OF A NEUROLOGICAL DISORDER

This application claims priority of U.S. Provisional Application No. 62/567,723, filed October 3, 2017, the content of which is hereby incorporated by reference in its entirety.

This application incorporates-by-reference nucleotide and/or amino acid sequences which are present in the file named "181003_90105-PCT_Sequence_Listing_JTC.txt", which is 4351 kilobytes in size, and which was created October 3, 2018 in the IBM-PC machine format, having an operating system compatibility with MS-Windows, which is contained in the text file filed October 3, 2018 as part of this application.

Throughout this application, various publications are referenced, including referenced in parenthesis. Full citations for publications referenced in parenthesis may be found listed at the end of the specification immediately preceding the claims. The disclosures of all referenced publications in their entireties are hereby incorporated by reference into this application in order to more fully describe the state of the art to which this invention pertains.

Background of Invention

Alzheimer's disease (AD) affects about 11% of people aged 65 or older and about 32% of those aged 85 or older. Merck Manual, Parkinson's Disease, last full review/revision August 2007 by David Eidelberg and Michael Pourfar, available at merckmanuals.com/home/brain,-spinal-cord,-and-nerve-disorders/delirium-and-dementia/alzheimer-disease (hereinafter "Merck Manual").

What causes AD is unclear. According to one theory, several specific gene abnormalities may be involved (Merck Manual). One gene abnormality affects apolipoprotein E (apo E) - the protein part of certain lipoproteins, which transport cholesterol through the bloodstream (Merck Manual). There are three types of apo E: Epsilon-4,

Epsilon-2, and Epsilon-3 (Merck Manual). Patients with the epsilon-4 type develop Alzheimer disease more commonly and at an earlier age than others, whereas patients with the epsilon-2 type seem to be protected against Alzheimer disease, and patients with the epsilon-3 type are neither protected nor more likely to develop the disease (Merck Manual). However, genetic testing for apo E type cannot determine whether a specific person will develop Alzheimer disease (Merck Manual).

Alzheimer disease may cause the following abnormalities to develop in brain tissue: (1) accumulation of beta-amyloid, an abnormal, insoluble protein, which accumulates because cells cannot process and remove it (beta-amyloid deposits); (2) clumps of dead nerve cells around a core of beta-amyloid (senile or neuritic plaques); (3) twisted strands of insoluble proteins in the nerve cell (neurofibrillary tangles); and/or (4) increased levels of tau, an abnormal protein that is a component of neurofibrillary tangles and beta-amyloid (Merck Manual). The abnormal proteins in Alzheimer disease (beta-amyloid and tau) are misfolded and cause other proteins to misfold, and may cause the disease to progress (Merck Manual).

Improved and novel methods for diagnosing, confirming, providing biomarkers for, and treating AD are needed.

Summary of the Invention

The present invention provides a method for assessing whether a subject is at risk of developing an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) comprising

(a)

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with an epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the subject as at risk of developing PD, LBD or AD if in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the subject as not at risk of developing the α-synucleinopathy, PD, LBD or AD if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide, or

(b)

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into 2 or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope;

iii) determining whether each pool has increased activation after contact with the epitope peptide; and

iv) identifying the subject as at risk of developing the α-synucleinopathy, PD, LBD, or AD if and only if in step iii) 1 or more pools is determined to have increased activation after contact with the epitope peptide,

wherein the epitope peptide is represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein.

The present invention also provides a method for diagnosing or confirming whether a subject is afflicted with an α-synucleinopathy,

Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) comprising

(a)

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with an epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the subject as afflicted with PD if in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the subject as not afflicted with the α-synucleinopathy, PD, LBD, or AD if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide, or

(b)

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into 1 or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope;

iii) determining whether each pool has increased activation after contact with the epitope peptide; and

iv) identifying the subject as afflicted with the α-synucleinopathy, PD, LBD, or AD if and only if in step iii) 1 or more pools is determined to have increased activation after contact with the epitope peptide,

wherein the epitope peptide is represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein.

The present invention also provides a method for assessing whether an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) has progressed in a subject afflicted with the α-synucleinopathy, PD, LBD, or AD comprising

(a)

performing each of the following steps i) to iii):

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with an epitope peptide that was previously identified to increase activation of the leukocytes; and

iii) determining the level of activation of the leukocytes after contact with the epitope peptide,

at a first and a second point in time, and then

iv) concluding that the α-synucleinopathy, PD, LBD, or AD has progressed in the subject if the leukocytes are determined to be more activated in step iii) performed at the second point in time compared to the level of activation in step iii) performed at the first point in time, or

(b)

performing each of the following steps i) to iii):

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into two or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope;

iii) determining whether each pool has increased activation after contact with the epitope peptide;

at a first and a second point in time, and then

iv) concluding that the α-synucleinopathy, PD, LBD, or AD has progressed in the subject if more pools of leukocytes are determined to be activated in step iii) performed at the second point in time compared to the number of pools that are determined to be activated in step iii) performed at the first point in time;

wherein the epitope peptide is represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein.

The present invention also provides a method for treating a subject afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), comprising

(a) administering to the subject a compound that is approved for use in treating subjects afflicted with the α-

synucleinopathy, PD, LBD, or AD, wherein the subject has been diagnosed or confirmed to be afflicted with PD; or

(b) diagnosing or confirming the subject to be afflicted with the α-synucleinopathy, PD, LBD, or AD, and administering to the subject a compound that is approved for use in treating subjects afflicted with PD, LBD, or AD.

The present invention also provides a method for assessing whether an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) is developing in a subject who has been identified as being at risk of developing the α-synucleinopathy, PD, LBD, or AD comprising

(a)

performing each of the following steps i) to iii):

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with an epitope peptide that was previously identified to increase activation of the leukocytes; and

iii) determining the level of activation of the leukocytes after contact with the epitope peptide,

at a first and a second point in time, and then

iv) concluding that the α-synucleinopathy, PD, LBD, or AD is developing in the subject if the leukocytes are determined to be more activated in step iii) performed at the second point in time compared to the level of activation in step iii) performed at the first point in time,

wherein the epitope peptide is represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein, or

(b)

performing each of the following steps i) to iii):

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into two or more pools of leukocytes and contacting each pool with an epitope

peptide, wherein each pool is contacted with a different epitope peptide;

iii) determining whether each pool has increased activation after contact with the epitope peptide;

at a first and a second point in time, and then

iv) concluding that that PD, LBD, or AD is developing in the subject if more pools of leukocytes are determined to be activated in step iii) performed at the second point in time compared to the number of pools that are determined to be activated in step iii) performed at the first point in time;

wherein at least one of the epitope peptides is represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein.

The present invention also provides a method for assessing whether a subject afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) is likely to benefit from a therapy, wherein the therapy is directed to leukocytes that are activated by an epitope peptide, the method comprising

(a)

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with the epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the subject as likely to benefit from the therapy if in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the subject as unlikely to benefit from the therapy if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide, or

(b)

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with the epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the subject as having benefited from the therapy if in step iii) if the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the subject as not having benefitted from the therapy if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide;

wherein the epitope peptide is represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein.

The present invention also provides a method for treating a subject afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) comprising administering to the subject a therapy that is directed to leukocytes that are activated by an epitope peptide, wherein leukocytes of the subject have been determined to have increased activation after contact with the epitope peptide;
wherein the epitope peptide is represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein.

The present invention also provides a method for treating a subject afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), comprising administering an immunosuppressant therapy to the subject, wherein the subject has been identified as being likely to benefit from a therapy directed to leukocytes that are activated by an epitope peptide.

The present invention also provides a method for assessing whether leukocytes of a subject afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) are activated by an epitope peptide, comprising

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with the epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the leukocytes of the subject as activated by the epitope peptide if in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the leukocytes of the subject as not activated by the epitope peptide if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide,

wherein the epitope peptide is represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein.

The present invention also provides a method for assessing whether a test compound comprises an epitope peptide to which leukocytes of a subject suffering from a neurological disorder are responsive comprising

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with the test compound;

iii) determining whether the leukocytes has increased activation after contact with the test compound; and

iv) identifying the test compound as comprising an epitope peptide to which the leukocytes are responsive if in step iii) the leukocytes are determined to have increased activation after contact with the test compound, and identifying the test compound as not comprising an epitope to which the leukocytes are responsive if in step iii) the leukocytes are determined to not have increased activation after contact with the test compound,

wherein the epitope peptide is represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein.

The present invention also provides a kit comprising an epitope peptide wherein the epitope peptide is represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein.

The present invention also provides a compound for treating an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), comprising i) a major histocompatibility complex (MHC) Tetramer having four MHC molecules, wherein each MHC molecule is associated with an epitope peptide, and ii) a toxin,
wherein the epitope peptide is represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein.

The present invention also provides a process for assessing whether a subject is at risk of developing an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), which involves an array of testing, the improvement comprising including in the array of testing the steps of:

(a)

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with an epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the subject as at risk of developing PD, LBD or AD if in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the subject as not at risk of developing the α-synucleinopathy, PD, LBD or AD if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide,

wherein the epitope peptide is represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein, or

(b)

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into 2 or more pools of leukocytes and contacting each pool with an epitope

peptide, wherein each pool is contacted with a different epitope;

iii) determining whether each pool has increased activation after contact with the epitope peptide; and

iv) identifying the subject as at risk of developing the α-synucleinopathy, PD, LBD, or AD if in step iii) 1 or more pools is determined to have increased activation after contact with the epitope peptide,

wherein at least one of the epitope peptides is represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein.

The present invention also provides a process for diagnosing or confirming whether a subject is afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), which involves an array of testing, the improvement comprising including in the array of testing the steps of:

(a)

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into 1 or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope peptide;

iii) determining whether each pool has increased activation after contact with the epitope peptide; and

iv) identifying the subject as afflicted with the α-synucleinopathy, PD, LBD, or AD if and only if in step iii) 1 or more pools is determined to have increased activation after contact with an epitope peptide, or

(b)

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into 1 or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope peptide;

iii) determining whether each pool has increased activation after contact with the epitope peptide; and

iv) identifying the subject as afflicted with the α-synucleinopathy, PD, LBD, or AD if and only if in step iii) 1 or more pools is determined to have increased activation after contact with an epitope peptide,

wherein the epitope peptide is represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein.

The present invention also provides a pharmaceutical composition for treating an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), comprising i) a protein comprising an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein., and ii) a pharmaceutical acceptable carrier.

Detailed Description of the Invention

The present invention provides a method for assessing whether a subject is at risk of developing an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) comprising

(a)

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with an epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the subject as at risk of developing PD, LBD or AD if in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the subject as not at risk of developing the α-synucleinopathy, PD, LBD or AD if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide, or

(b)

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into 2 or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope;

iii) determining whether each pool has increased activation after contact with the epitope peptide; and

iv) identifying the subject as at risk of developing the α-synucleinopathy, PD, LBD, or AD if and only if in step iii) 1 or more pools is determined to have increased activation after contact with the epitope peptide,

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

In an embodiment, the method is for assessing whether a subject is at risk of developing AD.

In an embodiment, in step ii) the leukocytes are separated into 2, 3, 4, 5, 6, 7, 8, 9, 10, 11-50 or more pools, and in step iv) the subject is identified as at risk of developing the α-synucleinopathy, PD, LBD or AD if and only if in step iii) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11-50 or more pools is determined to have increased activation after contact with the epitope peptide.

In an embodiment, the subject

a) is at least about 35, 40, 45, 50, 55, 60, 65, 70, 75 or 80 years of age;

b) is less than about 35, 40, 45, 50, 55, 60, 65, 70, 75 or 80 years of age;

c) has a symptom that has preceded the onset of the α-synucleinopathy, PD, LBD or AD in subjects who have developed the α-synucleinopathy, PD, LBD or AD;

d) has a symptom that has preceded the onset of the α-synucleinopathy, PD, LBD or AD in subjects who have developed the α-synucleinopathy, PD, LBD or AD, wherein the symptom has preceded the onset of the α-synucleinopathy, PD, LBD or AD in the subjects by at least about 5, 10, 15, 20, 25, 30 or 5-30 years;

e) is afflicted with cognitive decline, constipation or orthostatic hypotension; and/or

f) is afflicted with cognitive decline, and the cognitive decline is reduced spatial reasoning ability and/or reduced memory ability.

In an embodiment, the method further comprises directing the subject to

(a) be monitored more frequently for the α-synucleinopathy, PD, LBD, or AD; or

(b) receive additional diagnostic testing for the α-synucleinopathy, PD, LBD, or AD,

if the subject is identified as at risk of developing the α-synucleinopathy, PD, LBD, or AD.

The present invention also provides a method for diagnosing or confirming whether a subject is afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) comprising

(a)

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with an epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the subject as afflicted with PD if in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the subject as not afflicted with the α-synucleinopathy, PD, LBD, or AD if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide, or

(b)

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into 1 or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope;

iii) determining whether each pool has increased activation after contact with the epitope peptide; and

iv) identifying the subject as afflicted with the α-synucleinopathy, PD, LBD, or AD if and only if in step iii) 1 or more pools is determined to have increased activation after contact with the epitope peptide,

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

In an embodiment, the method is for diagnosing or confirming whether a subject is afflicted with AD.

In an embodiment, in step ii) the leukocytes are separated into 2, 3, 4, 5, 6, 7, 8, 9, 10, 11-50 or more pools, and in step iv) the subject is identified as afflicted with the α-synucleinopathy, PD, LBD or AD if and only if in step iii) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11-50 or more pools is determined to have increased activation after contact with the epitope peptide.

In an embodiment, the method further comprises determining the presence of at least one human leukocyte antigen (HLA) allele, one T cell receptor (TCR) allele, or one *MAPT* allele in the subject.

In an embodiment, the subject is identified as at risk of developing the α-synucleinopathy, PD, LBD, or AD or identified as afflicted with the α-synucleinopathy, PD, LBD, or AD if

(a) the leukocytes are determined to have increased activation after contact with the epitope peptide, or 1 or more pools is determined to have increased activation after contact with the epitope peptide, and

(b) the subject has at least one HLA allele.

The present invention also provides a method for assessing whether an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) has progressed in a subject afflicted with the α-synucleinopathy, PD, LBD, or AD comprising

(a)

performing each of the following steps i) to iii):

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with an epitope peptide that was previously identified to increase activation of the leukocytes; and

iii) determining the level of activation of the leukocytes after contact with the epitope peptide,

at a first and a second point in time, and then

iv) concluding that the α-synucleinopathy, PD, LBD, or AD has progressed in the subject if the leukocytes are determined to be more activated in step iii) performed at the second point in time compared to the level of

activation in step iii) performed at the first point in time, or

(b)

performing each of the following steps i) to iii):

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into two or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope;

iii) determining whether each pool has increased activation after contact with the epitope peptide;

at a first and a second point in time, and then

iv) concluding that the α-synucleinopathy, PD, LBD, or AD has progressed in the subject if more pools of leukocytes are determined to be activated in step iii) performed at the second point in time compared to the number of pools that are determined to be activated in step iii) performed at the first point in time;

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

In an embodiment, the method is for assessing whether AD has progressed in a subject afflicted with AD.

The present invention also provides a method for treating a subject afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), comprising

(a) administering to the subject a compound that is approved for use in treating subjects afflicted with the α-synucleinopathy, PD, LBD, or AD, wherein the subject has been diagnosed or confirmed to be afflicted with PD; or

(b) diagnosing or confirming the subject to be afflicted with the α-synucleinopathy, PD, LBD, or AD, and administering to the subject a compound that is approved for use in treating subjects afflicted with PD, LBD, or AD.

The present invention also provides a method for assessing whether an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) is developing in a subject who has been identified as being at risk of developing the α-synucleinopathy, PD, LBD, or AD comprising

(a)

performing each of the following steps i) to iii):

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with an epitope peptide that was previously identified to increase activation of the leukocytes; and

iii) determining the level of activation of the leukocytes after contact with the epitope peptide,

at a first and a second point in time, and then

iv) concluding that the α-synucleinopathy, PD, LBD, or AD is developing in the subject if the leukocytes are determined to be more activated in step iii) performed at the second point in time compared to the level of activation in step iii) performed at the first point in time,

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317, or

(b)

performing each of the following steps i) to iii):

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into two or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope peptide;

iii) determining whether each pool has increased activation after contact with the epitope peptide;

at a first and a second point in time, and then

iv) concluding that that PD, LBD, or AD is developing in the subject if more pools of leukocytes are determined to be activated in step iii) performed at the second point in time compared to the number of pools that are determined

to be activated in step iii) performed at the first point in time;

wherein at least one of the epitope peptides is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

In an embodiment, the method is for assessing whether AD is developing in a subject who has been identified as being at risk of developing AD.

The present invention also provides a method for assessing whether a subject afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) is likely to benefit from a therapy, wherein the therapy is directed to leukocytes that are activated by an epitope peptide, the method comprising

(a)

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with the epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the subject as likely to benefit from the therapy if in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the subject as unlikely to benefit from the therapy if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide, or

(b)

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with the epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the subject as having benefited from the therapy if in step iii) if the leukocytes are determined to have increased activation after contact with the

epitope peptide, and identifying the subject as not having benefitted from the therapy if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide;

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

In an embodiment, the method is for assessing whether a subject afflicted with AD is likely to benefit from a therapy.

The present invention also provides a method for treating a subject afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) comprising administering to the subject a therapy that is directed to leukocytes that are activated by an epitope peptide, wherein leukocytes of the subject have been determined to have increased activation after contact with the epitope peptide;
wherein the epitope peptide consists of an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein.

In an embodiment, the therapy is tolerization therapy, and the tolerization therapy is specific for leukocytes that are activated by the epitope.

In an embodiment, administering the tolerization therapy comprises administering to the subject the epitope peptide in an amount that is effective to reduce activation of leukocytes in the subject by the epitope peptide.

In an embodiment, the therapy comprises selectively killing the leukocytes that are activated by the epitope peptide in the subject.

In an embodiment, the method comprises selectively killing the leukocytes that are activated by the epitope peptide in the subject comprises administering to the subject an effective amount of a

compound comprising a major histocompatibility complex (MHC) Tetramer and a toxin to the subject, wherein the MHC Tetramer comprises the epitope peptide.

The present invention also provides a method for treating a subject afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), comprising administering an immunosuppressant therapy to the subject, wherein the subject has been identified as being likely to benefit from a therapy directed to leukocytes that are activated by an epitope peptide.

In an embodiment, the immunosuppressant therapy comprises tolerization therapy, selectively killing the leukocytes that are activated by an epitope peptide in the subject, or administering an effective amount of an immunosuppressive compound to the subject.

In an embodiment, the immunosuppressive compound is a calcineurin inhibitor, a compound that blocks a chemokine receptor that is expressed by a leukocyte, a glucocorticoid, a mTOR inhibitor, an anti-metabolic compound, a phosphodiesterase-5 inhibitor, an antibody, or a leukocyte function antigen-3 (LFA-3)/Fc fusion protein.

The present invention also provides a method for assessing whether leukocytes of a subject afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) are activated by an epitope peptide, comprising

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with the epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the leukocytes of the subject as activated by the epitope peptide if in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the leukocytes

of the subject as not activated by the epitope peptide if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide,

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

In an embodiment, the method is for assessing whether leukocytes of a subject afflicted with AD are activated by the epitope peptide.

In an embodiment, in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide,

a) if the leukocytes express or release more of at least one cytokine compared to corresponding leukocytes not contacted with the epitope peptide;

b) if the leukocytes release at least one cytokine;

c) if the leukocytes release at least one cytokine, wherein in step iii) the leukocytes are determined to have released the at least one cytokine if there are over 20 spot-forming cells (SFC) per million cells as measured by an ELISpot assay comprising the colorimetric detection of the at least one cytokine.

In an embodiment:

a) the leukocytes are T cells;

b) the at least one cytokine is at least interferon-gamma (IFN-γ) or IL-5;

c) the at least one cytokine is at least TNFα, IL-4, IL-17, IL-10, or IL-21;

d) the at least one cytokine is two or more cytokines, wherein the two or more cytokines are at least IFN-γ and IL-5;

e) the leukocytes are T cells are CD4+ T cells, CD8+ T cells, and/or CD4+CD8+ T cells; and/or

f) the leukocytes are IL-4-producing CD4+ T cells, IFN-γ-producing CD4+ T cells, or IFN-γ-producing CD8+ T cells.

In an embodiment, in step iii) the level of the at least one cytokine that is expressed or released from the leukocytes is assayed through a process comprising an enzyme-linked immunosorbent assay (ELISA), intracellular cytokine staining (ICS), or quantitative RT-PCR.

In an embodiment, determining whether the leukocytes have increased activation comprises

(a) contacting the leukocytes with compound comprising a major histocompatibility complex (MHC) Tetramer having four MHC molecules, wherein each MHC molecule is associated with an epitope peptide;

(b) identifying leukocytes that become bound to the compound as activated.

The present invention also provides a method for assessing whether a test compound comprises an epitope peptide to which leukocytes of a subject suffering from a neurological disorder are responsive comprising

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with the test compound;

iii) determining whether the leukocytes has increased activation after contact with the test compound; and

iv) identifying the test compound as comprising an epitope peptide to which the leukocytes are responsive if in step iii) the leukocytes are determined to have increased activation after contact with the test compound, and identifying the test compound as not comprising an epitope to which the leukocytes are responsive if in step iii) the leukocytes are determined to not have increased activation after contact with the test compound,

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

In an embodiment, the test compound is or comprises part of a compound that is produced by neurons in subjects afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD).

The present invention also provides a kit comprising an epitope peptide wherein the epitope peptide is (a) represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein or (b) an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

In any embodiment of this invention, the epitope peptide may be (1) represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein; or (2) an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317. This is the case if the epitope peptide is defined in that embodiment as only (1) or defined in that embodiment as only (2).

The present invention also provides a compound for treating an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), comprising i) a major histocompatibility complex (MHC) Tetramer having four MHC molecules, wherein each MHC molecule is associated with an epitope peptide, and ii) a toxin,
wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

The present invention also provides a process for assessing whether a subject is at risk of developing an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), which involves an array of testing, the improvement comprising including in the array of testing the steps of:

(a)

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with an epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the subject as at risk of developing PD, LBD or AD if in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the subject as not at risk of developing the α-synucleinopathy, PD, LBD or AD if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide,

wherein the epitope peptide is represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein, or

(b)

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into 2 or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope;

iii) determining whether each pool has increased activation after contact with the epitope peptide; and

iv) identifying the subject as at risk of developing the α-synucleinopathy, PD, LBD, or AD if in step iii) 1 or more pools is determined to have increased activation after contact with the epitope peptide,

wherein at least one of the epitope peptides is represented by an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein.

The present invention also provides a process for diagnosing or confirming whether a subject is afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), which involves an array of testing, the improvement comprising including in the array of testing the steps of:

(a)

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into 1 or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope peptide;

iii) determining whether each pool has increased activation after contact with the epitope peptide; and

iv) identifying the subject as afflicted with the α-synucleinopathy, PD, LBD, or AD if and only if in step iii) 1 or more pools is determined to have increased activation after contact with an epitope peptide, or

(b)

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into 1 or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope peptide;

iii) determining whether each pool has increased activation after contact with the epitope peptide; and

iv) identifying the subject as afflicted with the α-synucleinopathy, PD, LBD, or AD if and only if in step iii) 1 or more pools is determined to have increased activation after contact with an epitope peptide,

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

The present invention also provides a pharmaceutical composition for treating an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), comprising i) a protein comprising an amino acid sequence selected from an oligopeptide listed in Tables 2 or 3 disclosed herein or a protein which is an oligopeptide consisting of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317, and ii) a pharmaceutical acceptable carrier.

In one embodiment, the epitope peptide is an epitope of the alpa-synuclen protein, the tau protein, or the TDP42 protien. In another

embodiment, the epitope peptide consists of an amino acid sequence identical to the sequence set forth in (a) any one of SEQ ID NO: 1 to SEQ ID NO: 2, (b) any one of SEQ ID NO: 2,958 to SEQ ID NO: 3,144, or (c) any one of SEQ ID NO: 4,078 to SEQ ID NO: 4,153.

AD is often diagnosed by a neurologist who can evaluate symptoms and their severity. National Institute on Aging, Alzheimer's disease, available at www.nia.nih.gov/alzheimers (hereinafter "NIA"). According to the National Institute on Aging, there is currently no test that can clearly identify the disease (NIA). Tests of memory, problem solving, attention, counting, and language can help doctors decide if a patient having memory problems has "possible Alzheimer's disease" (dementia may be due to another cause), "probable Alzheimer's disease" (no other cause for dementia be found), or some other problem (NIA). Additionally, standard medical tests, such as blood and urine tests, and brain scans, such as computed tomography (CT), magnetic resonance imaging (MRI), or positron emission tomography (PET), may be used to identify other possible causes for symptoms (NIA). These tests may be repeated to give doctors information about how the person's memory and other cognitive functions are changing over time (NIA). However, the diagnosis of Alzheimer's disease can be confirmed when a sample of brain tissue is removed (after death, during an autopsy) and examined under a microscope (Merck Manual). The characteristic loss of nerve cells, neurofibrillary tangles, and senile plaques containing beta-amyloid can be seen throughout the brain, particularly in the area of the temporal lobe that is involved in forming new memories (Merck Manuel).

The present invention provides methods for identifying subjects afflicted with AD that would previously have remained undetected. Aspects of the present invention enable the detection of AD in presymptomatic stages. Additionally, the present invention provides methods for identifying those who might eventually develop AD. AD has an increased prevalence with age. See, for example, the NIA; and Mayeaux and Stern, (2012) Epidemiology of Alzheimer Disease, Cold Spring Harb Perspect Med. 2 (8): a006239, the entire content of each

of which is hereby incorporated herein by reference. Without wishing to be bound by any scientific theory, the peripheral immune response of AD may begin in a subject decades before AD may be diagnosed by a neurologist, and subjects having the peripheral immune response may be identified for earlier therapy using methods of the invention. The present invention provides methods for diagnosing causes of these symptoms, and be used to identify subjects who may benefit from prophylactic treatment for AD.

Aspects of the present invention provide an epitope useful as a test/biomarker for AD, which could include identifying patients in preclinical stages or in danger of AD, and to measure disease progression and/or response. As described herein, aspects of the invention provide means to detect these T cells in patient blood. Similar approaches for identifying tuberculosis patients will be known to those skilled in the art. For use of a similar test in TB diagnosis, see en.wikipedia.org/wiki/QuantiFERON, the entire contents of which are hereby incorporated by reference.

Additionally, aspects of the invention define which precise T cells and antigens individual patients have, and provide individualized therapy that spare other important immune functions. The test/biomarker test for AD has already been conducted and is effective, as described in the Examples disclosed herein.

Each embodiment disclosed herein is contemplated as being applicable to each of the other disclosed embodiments. Thus, all combinations of the various elements described herein are within the scope of the invention.

It is understood that where a parameter range is provided, all integers within that range, and tenths thereof, are also provided by the invention. For example, “0.2-5 mg/kg” is a disclosure of 0.2 mg/kg, 0.3 mg/kg, 0.4 mg/kg, 0.5 mg/kg, 0.6 mg/kg etc. up to 5.0 mg/kg.

Terms

Unless otherwise defined, all technical and scientific terms used herein have the same meaning as commonly understood by a person of ordinary skill in the art to which this invention belongs. As used herein, and unless stated otherwise or required otherwise by context, each of the following terms shall have the definition set forth below.

As used herein, "about" in the context of a numerical value or range means ±10% of the numerical value or range recited or claimed, unless the context requires a more limited range.

As used herein, a "subject afflicted with" a condition, *e.g.* PD, LBD, or AD, means a subject who was been affirmatively diagnosed to have the condition.

Embodiments of the present invention relate to determining whether leukocytes have increase activation after contact with an epitope or test compound. It will be understood that the "increased activation" of the leukocytes is in response to contact with the epitope or the test compound. General methods for assaying whether a leukocyte has increased activation will be known to those of ordinary skill in the art. Additionally, assays for determining increased activation that are described for particular epitopes or test compounds in the Examples herein may be applied to other epitopes and test compounds of the invention.

In some embodiments, the leukocytes are determined to have increased activation after contact with the epitope if the leukocytes release a cytokine. In some embodiments, the leukocytes are determined to have increased activation after contact with an epitope or test compound if the leukocytes release a cytokine that is not released by corresponding leukocytes not contacted with the epitope or test compound. In some embodiments, a cytokine is determined to be released if there is a minimum of about 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 100, or about 10-50 spot-forming cells (SFC) per million cells are measured using an ELISpot assay comprising the colorimetric detection of the cytokine. In some embodiments, the

leukocytes are determined to have released the at least one cytokine if there are over 20 spot-forming cells (SFC) per million cells as measured by an ELISpot assay comprising the colorimetric detection of the at least one cytokine. A person having ordinary skill in the art will readily be able to perform the ELISpot assay in embodiments of the invention using the disclosures herein. ELISpot assays are described in Czerkinsky et al. (1988) Reverse ELISpot Assay for Clonal Analysis of Cytokine Production. I. Enumeration of gamma-Interferon-Secreting Cells. *J. Immunol. Methods*, 110:29; Sedgwick and Holt, (1983) A Solid-Phase Immunoenzymatic technique for the Enumeration of Specific Antibody-Secreting Cells. *J. Immunol. Methods*, 57: 301; and Czerkinsky et al. (1983) A Solid-Phase Enzyme-Linked Immunospot (ELISPOT) Assay for Enumeration of Specific Antibody Secreting Cells. *J. Immunol. Methods*, 65:109, the entire content of each of which is incorporated herein by reference.

In some embodiments, the leukocytes are determined to have increased activation after contact with an epitope or test compound if the leukocytes release more of a cytokine than corresponding leukocytes not contacted with the epitope or test compound. In some embodiments, the leukocytes are determined to have increased activation after contact with the epitope or test compound if the leukocytes release about 1, 2, 3, 4, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 80, 90, 100, 150, 200, 300, 400, 500, 750, 1,000, or 1-5,000% more of a cytokine than corresponding leukocytes not contacted with the epitope or test compound. Methods for assaying increased cytokine release include but are not limited to the ELISpot assay Western Blot Analysis and ELISA, which will be well understood to those in the art.

In some embodiments, the leukocytes are determined to have increased activation after contact with the epitope or test compound if the leukocytes proliferate, and corresponding leukocytes not contacted with the epitope or test compound do not proliferate. In some embodiments, the leukocytes are determined to have increased activation after contact with the epitope or test compound if the leukocytes proliferate more than corresponding leukocytes not

contacted with the epitope or test compound. In some embodiments, the leukocytes are determined to have increased activation after contact with the epitope or test compound if the leukocytes proliferate about 1, 2, 3, 4, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 80, 90, 100, 150, or 200% more than corresponding leukocytes not contacted with the epitope or test compound. In some embodiments the leukocytes are determined to have increased activation after contact with the epitope or test compound if the leukocytes become differentiated after contact with the epitope or test compound, and corresponding leukocytes not contacted with the epitope or test compound do not become differentiated. In some embodiments the leukocytes are determined to have increased activation after contact with the epitope or test compound if the leukocytes are more differentiated than corresponding leukocytes not contacted with the epitope or test compound. Methods for assaying increased proliferation and differentiation are well known in the art, and include cell counting and fluorescence-activated cell sorting (FACS).

In some embodiments, the leukocytes are determined to have increased activation after contact with the epitope or test compound if the leukocytes express a gene at a higher or lower level than corresponding leukocytes not contacted with the epitope or test compound. In some embodiments, the expression is about 1, 2, 3, 4, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 80, 90, 100, 150, 200, 300 400, 500, 750, 1,000, or 1-5,000% higher or lower than in the corresponding leukocytes. In some embodiments, the gene encodes a cytokine. Examples of genes which are differentially expressed in activated T cells are described in Teague et al. (1999) Activation changes the spectrum but not the diversity of genes expressed by T cells. *PNAS* Vol. 96, No. 22, 12691-12696, the entire content of which is hereby incorporated herein by reference. Methods for assaying gene expression are well known in the art, and include PCR, RT-PCR, Northern Blot Analysis, and microarray analysis.

The release, proliferation, differentiation or change in expression may be measured at, for example, about 0.5, 1, 2, 3, 4, 5, 6, 10, 12, 18, 24, 30, 36, 42, 48, or 72 hours after the leukocytes are contacted with the epitope or test compound.

As used herein, a stretch of "consecutive amino acids" means a plurality of amino acids arranged in a chain, each of which is joined to a preceding amino acid by a peptide bond, excepting that the first amino acid in the chain may optionally not be joined to a preceding amino acid. The amino acids of the chain may be naturally or non-naturally occurring, or may comprise a mixture thereof. The amino acids, unless otherwise indicated, may be genetically encoded, naturally-occurring but not genetically encoded, or non-naturally occurring, and any selection thereof.

As used herein a therapy that is "directed to leukocytes that are activated by an epitope" is a therapy that selectively reduces or prevents the activation of the leukocytes by the epitope. It will be understood that selectively reducing or preventing the activation of leukocytes by an epitope includes killing the leukocytes or reducing the viability or proliferation of leukocytes that are capable of becoming activated when they are contacted with the epitope. Non-limiting examples of therapies that are directed to leukocytes that are activated by an epitope include administration of a compound that selectively kills leukocytes that are capable of becoming activated when they are contacted with the epitope, and tolerization therapy.

As used herein, "tolerization therapy" or "antigen-specific tolerization" comprises exposing a subject with an epitope in a way that alters the subject's immune system to have reduced activation by the epitope. Tolerization therapy results in a decrease in the activation of a leukocyte of the subject, such as a T cell, by the epitope. Tolerization therapy is discussed in Coppieters et al. (2013) *Clinical Immunology*, 149, 345-355; Billetta et al. (2012) *Clin Immunol*, 145(2):94-101; and Lutterotti and Martin (2014) *Expert Opinion on Investigational Drugs*, Vol. 23, No. 1, pages 9-20, the

entire content of each of which is hereby incorporated herein by reference.

Aspects of the present invention relate to a compound comprising a major histocompatibility complex (MHC) Tetramer and a toxin. MHC Tetramers are complexes of four Major Histocompatibility Complex (MHC) molecules which are each associated with a specific molecule. The specific molecule may be an epitope of the invention. In some embodiments, the four MHC molecules are associated with each other via a tetramerization agent. In some embodiments, the MHC Tetramer comprises four MHC monomer fusion proteins, wherein each MHC monomer fusion protein comprises a MHC molecule and biotin. In some embodiments, the tetramerization agent is streptavidin or avidin. In the compound, a MHC Tetramer may be coupled to a toxin by, e.g., a covalent bond, a linker, a streptavidin-biotin interaction or a streptavidin-avidin interaction. In some embodiments, the toxin is covalently bound to the streptavidin or the avidin. There are two types of Tetramers, Class I and Class II. In some embodiments, the MHC molecules of a Class I Tetramer are mutated to minimize binding of the MHC molecule to CD8+ cell surfaces. These Class I Tetramers show diminished CD8-mediated binding to the general CD8+ lymphocyte population, but retain MHC peptide-specific binding to TCR thus facilitating targeting of specific T cells that are activated by the epitope. MHC Tetramers are described in U.S. Patent Application Publication No. 2004/0137642 A1, published July 15, 2004; Hess et al., (2007) Selective deletion of antigen-specific CD8+ T cells by MHC class I tetramers coupled to the type I ribosome-inactivating protein saporin. *Blood*, 106:3300-3307; and at www.beckmancoulter.com/wsrportal/wsr/research-and-discovery/products-and-services/flow-cytometry/class-I-itag-mhc-tetramers/index.htm, the entire content of each of which is hereby incorporated by reference.

It will be understood that by "treating" a subject there are multiple possible outcomes. For instance, treating a subject may comprise substantially reducing, slowing, stopping, preventing or reversing the progression of a disease, particularly a neurological disorder such as PD, LBD, or AD. Additionally, treating a subject may comprise

substantially reducing, slowing, stopping, preventing or reversing a symptom of a disease. In the most favorable case, reduction is equivalent to prevention.

As used herein, a "symptom" associated with PD, LBD, or AD includes any clinical or laboratory manifestation associated with PD, LBD, or AD and is not limited to what the subject can feel or observe. Common symptoms of PD include but are not limited to tremors, muscle stiffness, difficulty maintaining balance, difficulty maintaining posture, bradykinesia, akinesia, rigid limbs, a shuffling gait, and a stooped posture. Other symptoms of PD include but are not limited to depression, personality changes, dementia, sleep disturbances, speech impairments, and sexual difficulties.

As used herein, "effective" when referring to an amount of a compound administered to a subject for the treatment of a neurological disease refers to the quantity of the compound that is sufficient to yield a desired therapeutic response without undue adverse side effects (such as toxicity, irritation, or allergic response) commensurate with a reasonable benefit/risk ratio when used in the manner of this invention.

Aspects of the present invention relate to the HLA alleles. Additional information HLA alleles is available in Yokoyama et al. (2016) Association Between Genetic Traits for Immune-Mediated Diseases and Alzheimer Disease. JAMA Neurol, 73 (6):691-697, the entire content of which is incorporated herein by reference. Additional information, including sequence information, relating to these alleles and other alleles disclosed herein is available at www.ebi.ac.uk/ipd/imgt/hla/allele.html. It will be understood that persons skilled in the art are able to identify and obtain sequences and genomic locations for the HLA alleles disclosed herein using knowledge in the art.

Non-limiting examples of compounds which may be used in the treatment of AD in embodiments of the invention include hholinesterase inhibitors (e.g., donepezil, rivastigmine, galantamine, and tacrine),

N-methyl-d-aspartate receptor antagonist (e.g., memantine), high-dose vitamin E (1000 IU po once/day or bid), selegiline, NSAIDs, Ginkgo biloba extracts, and statins.

Non-limiting examples of compounds which may be used in the treatment of AD in embodiments of the invention also include immunosuppressive compounds. In some embodiments, an immunosuppressive compound targets an autoimmune component in AD, for example T cell activation or function. Non-limiting examples of approaches for suppressing the immune system, or a component thereof, in embodiments of the subject invention include:

1. Blocking receptors of chemokines such as CCR5 present on cytotoxic T cells. This can be achieved by using antagonist drugs such as maraviroc. It will be understood that CCR5 is one of the HIV-1 receptors and such drugs have been in use for years to treat HIV patients.
2. Administering a glucocorticoid such as prednisone or prednisolone, which are effective immunosuppressive agents. They inhibit the activation of cytotoxic T cells. Additionally, they cross the blood brain barrier and are used to treat multiple sclerosis (MS).
3. Administering a calcineurin inhibitor such as cyclosporine or tacrolimus, which are potent immunosuppressive agents. They inhibit calcineurin, which blocks phosphatase activity, and thus T cell activation. They are used to inhibit transplant rejection.
4. Administering an inhibitor of mTOR such as rapamaycin, which blocks cell cycle at G1>S phase. Rapamaycin inhibits T cell activation and proliferation. It is used to treat transplant rejection.
5. Administering an anti-metabolic drug including azathioprine, micophenolate or mofetil to block killer T cells.
6. Administeration of antibodies for LFA-3Ig1 fusion protein, which interferes with T cell activation. This has been used in psoriasis.
7. Administering a phosphodiesterase-5 inhibitor such as sildenafil or paclitaxel, which have been used in melanoma to lead to cell-mediated T cell immunosupression.

General techniques and compositions for making dosage forms useful in the present invention are described in the following references: 7 Modern Pharmaceutics, Chapters 9 and 10 (Banker & Rhodes, Editors, 1979); Pharmaceutical Dosage Forms: Tablets (Lieberman et al., 1981); Ansel, Introduction to Pharmaceutical Dosage Forms 2nd Edition (1976); Remington's Pharmaceutical Sciences, 17th ed. (Mack Publishing Company, Easton, Pa., 1985); Advances in Pharmaceutical Sciences (David Ganderton, Trevor Jones, Eds., 1992); Advances in Pharmaceutical Sciences Vol 7. (David Ganderton, Trevor Jones, James McGinity, Eds., 1995); Aqueous Polymeric Coatings for Pharmaceutical Dosage Forms (Drugs and the Pharmaceutical Sciences, Series 36 (James McGinity, Ed., 1989); Pharmaceutical Particulate Carriers: Therapeutic Applications: Drugs and the Pharmaceutical Sciences, Vol 61 (Alain Rolland, Ed., 1993); Drug Delivery to the Gastrointestinal Tract (Ellis Horwood Books in the Biological Sciences. Series in Pharmaceutical Technology; J. G. Hardy, S. S. Davis, Clive G. Wilson, Eds.); Modern Pharmaceutics Drugs and the Pharmaceutical Sciences, Vol. 40 (Gilbert S. Banker, Christopher T. Rhodes, Eds.). These references in their entireties are hereby incorporated by reference into this application.

All publications and other references mentioned herein are incorporated by reference in their entirety, as if each individual publication or reference were specifically and individually indicated to be incorporated by reference. Publications and references cited herein are not admitted to be prior art.

This invention will be better understood by reference to the Experimental Details which follow, but those skilled in the art will readily appreciate that the specific experiments detailed are only illustrative of the invention as defined in the claims which follow thereafter.

Experimental Details

Examples are provided below to facilitate a more complete understanding of the invention. The following examples illustrate the

exemplary modes of making and practicing the invention. However, the scope of the invention is not limited to specific embodiments disclosed in these Examples, which are for purposes of illustration only.

5

Example 1.

The proteins listed in Table 1, below, were identified as potential antigens in neurological diseases.

Table 1. List of candidate proteins

gene	protein	full name	Accession	gi	in aggregates?	associated diseases	citations
	a-syn	alpha-synuclein	P37840.1	586067	yes, Lewy bodies	PD (Parkinson's) , MSA (mutliple system atrophy)	
	GBA	glucocerbrosidase	AAC51820.1 BAA02545.1 AAC63056.1	2564914 496369 183012		PD	
	LRRK2	leucine rich repeat kinase 2	NP_940980.3 AAV63975.1	171846278 55740398		PD	
	OGDH	2-oxoglutarate dehydrogenase	BAA0636.1	2160381		PD? Primary biliary cirrohis	Matheoud 2017
MAPT	tau	isoform 1	NP_058519.3	294862261	yes, intracellular	AD (Alzheimer's) also CTBI (chronic traumatic brain injury), PD, others	
		isoform 2	NP_005901.2	6754638			
		isoform 3	NP_058518.1	8400711			
		isoform 4	NP_058525.1	8400715			
		isoform 5	NP_001116539.1	178557736			
		isoform 6	NP_001116538.2	294862258			
		isoform 7	NP_001190180.1	322303720			
		isoform 8	NP_001190181.1	322303747			
	Abeta / APP (Amyloid Precursor Protein)	(a)	NP_000475.1	4502167	extracellular	AD	J Trojanowski
		(b)	NP_958816.1	41406055			
		(c)	NP_958817.1	41406057			
		(e)	NP_001129601.1	209915570			
		(f)	NP_001129602.1	209915573			
		(h)	NP_001191230.1	324021736			
		(i)	NP_001191231.1	324021736			
		(j)	NP_001191232.1	324021740			
	TDP43		ABO32290.1	130750552	yes, intracellular	ALS, frontal temporal dementia (FTD)	

FUS	FUS	CAG33028.1	48145611	yes, intracellular		
	isoform 1	NP_004951.1	4826734			
	isoform 2	NP_001164105.1	283135201			
RNA Binding FUS	isoform 3	NP_001164408.1	283135173			
OPTN	optineurin	NP_001008214.1	56549111	yes, intracellular	amyotrophic lateral sclerosis (ALS) and many others	Peters 2015
		NP_001008213.1	56549109			
		NP_001008212.1	56549107			
		NP_068815.2	20149572			
		AAH13876.1	15530203			
UBQLN2		AAH69237.1	46621652	yes, intracellular	ALS	Blokhuis 2013 Osawa 2011
		NP_038472.2	16753207			
		EAW93233.1	119613639			
HTT	huntingtin	NP_002102.4	90903231	yes, intracellular	Huntington's disease (HD)	Adegbuyiro 2017
		BAA36753.1	4586876			
	androgen receptor	AAD14953.1	179034		Spinal and bulbar muscular atrophy (SBMA)	
		AAA51771.1	178872			
		AAA51772.1	178882			
		AAA51886.1	178906			
	atrophin-1	NP_001007027.1	55750053		DRPLA	
		NP_001931.2	55750041			
		AAB50276.1	915326			
	ataxin 1	AAI17126.1	109658942		SCA 1 (spinocrebellar ataxias)	
		NP_001121636.1	189491748			
		NP_000323.2	51479156			
		CAA55793.1	529662			
	ataxin 2	AAB19200.1	1679684		SCA2	
	ataxin 2 isoform CRA a	EAW97957.1	119618363			
	ataxin 2 isoform CRA b	EAW97958.1	119618364			
	ataxin 2 isoform CRA c	EAW97959.1	119618365			
	ataxin 2 isoform CRA d	EAW97960.1	119618366			
	CACNA1A (isoform 1)	NP_000059.3	148536844		SCA6	
	CACNA1A (isoform 2)	NP_075461.2	148536846			
	CACNA1A (isoform 3)	NP_001120693.1	187828880			
	CACNA1A	NP_001120692	187828892			

	(isoform 4)	4.1				
	CACNA1A (isoform 5)	NP_00116755 1.1	291463273			
	ataxin 7	AAC39765.1	3192954		SCA7	
	ataxin 7 Isoform CRA_A	EAW65422.1	119585826			
	ataxin 7 Isoform CRA_B	EAW65423.1	119585827			
	PPP2R2B (isoform a)	NP_858060.2	430727958		SCA12	Matilla-Dueñas 2014
	(isoform b)	NP_858062.1	32307117			
	(isoform c)	NP_858063.1	32307119			
	(isoform d)	NP_00125887 7.1	430727949			
	(isoform e)	NP_858061.2	430727947			
	(isoform f)	NP_00125882 9.1	430727962			
	(isoform g)	NP_00125882 8.1	430727960			
	TATA box binding protein	AAI10342.1	82571689		SCA17	
		AAI09054.1	80478871			
		AAV38463.1	54696182			
		AAA36731.1	339492			
PrP	prion protein	AAH22532.1	18490397	yes	Creuzfeld Jakob, mad cow, etc	
		AAH12844.1	15277486			
		BAA00011.1	220016			
		AAA60182.1	190468			
		AAA19664.1	190470			
p53		BAC16799.1	23491729		glioma	De Smet 2017
		AAC12971.1	3041867			
DISC 1	disrupted in schizophrenia (isoform a)		257153459		schizophrenia, bipolar	Zhu 2017
	dysbindin (isoform B)	NP_898861.1	34304368		schizophrenia, bipolar	Xu 2015

Candidate epitopes of these proteins were identified and are listed in Table 2 and Table 3 herein. The sequence of each of these candidate epitopes are also listed as SEQ ID NOS: 1-21,317.

Table 2

ID NO.	ID	start	end	SEQ ID NO:	Median	HLA-DRB1*03:01	HLA-DRB1*07:01	HLA-DRB1*15:01	HLA-DRB3*01:01	HLA-DRB3*02:02	HLA-DRB4*01:01	HLA-DRB5*01:01
1	gi|586067|sp|P37840.1|SYUA_HUMAN	1	15	1	18.3	11.49	42.45	18.3	57.78	7.44	58.11	2.22
1	gi|586067|sp|P37840.1|SYUA_HUMAN	2	16	2	18.56	11.49	41.99	18.56	57.78	10.05	54.63	2.44
2	gi|2564914|gb|AAC51820.1|	12	26	3	18.87	28.38	18.87	4.16	35.19	31.31	4.01	9.04
2	gi|2564914|gb|AAC51820.1|	15	29	4	11.92	4.77	18.47	4.06	35.19	33.54	11.92	7.03
2	gi|2564914|gb|AAC51820.1|	16	30	5	16.26	8.25	16.51	4.06	35.19	30.82	16.26	8.97
2	gi|2564914|gb|AAC51820.1|	17	31	6	16.85	8.25	16.85	11.45	35.19	30.69	19.31	10.1
2	gi|2564914|gb|AAC51820.1|	23	37	7	18.33	18.33	30.69	4.06	39.18	71.8	2.64	9.97
2	gi|2564914|gb|AAC51820.1|	24	38	8	7.28	3.85	7.28	4.06	39.18	50.4	2.2	9.97
2	gi|2564914|gb|AAC51820.1|	25	39	9	9.3	4.11	9.3	4.06	39.18	39.74	1.75	9.97
2	gi|2564914|gb|AAC51820.1|	26	40	10	9.73	4.12	9.73	7.94	39.18	32.67	1.62	9.97
2	gi|2564914|gb|AAC51820.1|	27	41	11	9.97	4.33	11.32	8.01	39.18	27.56	7.62	9.97
2	gi|2564914|gb|AAC51820.1|	28	42	12	11.79	4.33	11.79	8.01	39.18	28.78	17.73	9.97
2	gi|2564914|gb|AAC51820.1|	29	43	13	18.75	14.41	13.69	19.56	54.02	34.39	18.75	9.97
2	gi|2564914|gb|AAC51820.1|	42	56	14	17.02	6.55	3.1	23.43	17.02	47.8	28.4	15.91
2	gi|2564914|gb|AAC51820.1|	43	57	15	18.16	7.02	4.47	21.09	18.16	41.11	35.55	16.76
2	gi|2564914|gb|AAC51820.1|	73	87	16	17.08	9.56	21.53	5.22	55.19	17.08	79.97	1.4
2	gi|2564914|gb|AAC51820.1|	86	100	17	18.81	26.11	52.81	8.49	18.81	44.11	12.89	17.29
2	gi|2564914|gb|AAC51820.1|	89	103	18	18.81	20.57	78.82	8.49	18.81	71.72	17.71	17.66
2	gi|2564914|gb|AAC51820.1|	100	114	19	17.22	11.59	66.36	25.29	17.22	30.47	4.55	2.44
2	gi|2564914|gb|AAC51820.1|	101	115	20	16.34	11.59	67.45	25.48	16.34	22.65	2.77	2.44
2	gi|2564914|gb|AAC51820.1|	102	116	21	16.2	6.58	69.41	25.22	16.2	18.37	1.76	2.44
2	gi|2564914|gb|AAC51820.1|	103	117	22	14.69	6.58	72.51	27.2	14.69	17.72	2.39	2.44
2	gi|2564914|gb|AAC51820.1|	126	140	23	14.98	14.98	27.35	8.65	59.01	16.5	1.17	13.23
2	gi|2564914|gb|AAC51820.1|	127	141	24	6.95	5.59	22.11	6.95	59.01	5.99	1.07	8.42
2	gi|2564914|gb|AAC51820.1|	128	142	25	6.95	5.59	28.75	6.95	59.01	2.19	1.06	8.42
2	gi|2564914|gb|AAC51820.1|	129	143	26	6.95	5.59	19.35	6.95	59.01	1.2	2.27	8.42
2	gi|2564914|gb|AAC51820.1|	130	144	27	6.95	5.59	14.57	6.95	57.94	1.26	2.15	8.42
2	gi|2564914|gb|AAC51820.1|	131	145	28	13.16	6.71	17.77	20.69	59.01	2.93	13.16	8.42
2	gi|2564914|gb|AAC51820.1|	132	146	29	15.02	11.17	21.63	28.59	59.01	9.39	15.02	10.41
2	gi|2564914|gb|AAC51820.1|	141	155	30	17.32	17.32	25.13	4.81	4.44	39.76	29.82	8.59
2	gi|2564914|gb|AAC51820.1|	149	163	31	15.32	19.04	21.79	8.01	36.8	13.09	7.66	15.32
2	gi|2564914|gb|AAC51820.1|	150	164	32	15.73	18.37	24.08	8.01	37.36	6.5	6.52	15.73
2	gi|2564914|gb|AAC51820.1|	151	165	33	10.33	18.29	10.33	7.02	37.57	5.64	4.51	12.92
2	gi|2564914|gb|AAC51820.1|	152	166	34	10.47	23.09	10.47	7.02	37.57	6.73	4.51	12.01
2	gi|2564914|gb|AAC51820.1|	153	167	35	10.11	22.89	10.11	7.02	37.57	7.76	4.51	11.91
2	gi|2564914|gb|AAC51820.1|	154	168	36	17.64	27.06	18.7	11.21	37.57	11.99	4.67	17.64
2	gi|2564914|gb|AAC51820.1|	155	169	37	17.96	24.18	12.87	11.68	20.78	25.23	4.53	17.96
2	gi|2564914|gb|AAC51820.1|	189	203	38	14.13	10.09	45.63	25.47	9.9	31.73	11.89	14.13
2	gi|2564914|gb|AAC51820.1|	190	204	39	19.86	17.73	33.65	22.84	19.86	21.6	6.14	14.13
2	gi|2564914|gb|AAC51820.1|	191	205	40	17.88	12.66	26.46	23.45	19.79	17.88	2.97	12.84
2	gi|2564914|gb|AAC51820.1|	192	206	41	12.67	7.76	15.14	14.67	12.67	11.25	1.13	12.84
2	gi|2564914|gb|AAC51820.1|	193	207	42	12.84	7.76	16	14.6	59.96	7.73	0.79	12.84

Table 2

2	gi|2564914|gb|AAC51820.1|	194	208	43	11.11	7.76	16	14.61	60.45	6.97	0.37	11.11
2	gi|2564914|gb|AAC51820.1|	195	209	44	11.11	7.76	16	13.91	59.5	5.47	0.26	11.11
2	gi|2564914|gb|AAC51820.1|	196	210	45	11.11	7.76	16	15.34	58.65	6.66	0.26	11.11
2	gi|2564914|gb|AAC51820.1|	197	211	46	11.11	7.76	13.26	16.86	66.21	7.39	0.23	11.11
2	gi|2564914|gb|AAC51820.1|	198	212	47	11.11	1.1	15.06	19.89	71.53	9.35	0.77	11.11
2	gi|2564914|gb|AAC51820.1|	199	213	48	11.11	1.18	15.29	19.85	73.23	8.62	1.53	11.11
2	gi|2564914|gb|AAC51820.1|	200	214	49	11.11	1.05	11.3	19.07	62.45	6.1	1.52	11.11
2	gi|2564914|gb|AAC51820.1|	201	215	50	13.97	1.05	15.22	19.96	60.86	4.75	1.44	13.97
2	gi|2564914|gb|AAC51820.1|	202	216	51	14.76	1.04	17.78	25.44	61.38	5.09	3.96	14.76
2	gi|2564914|gb|AAC51820.1|	203	217	52	17.78	3.38	17.78	29.36	62.91	9.7	5.49	20.31
2	gi|2564914|gb|AAC51820.1|	204	218	53	17.78	3.86	17.78	22.22	67.71	21.28	11.86	13.97
2	gi|2564914|gb|AAC51820.1|	205	219	54	19.74	30.3	17.78	8.49	68.8	40.42	14.86	19.74
2	gi|2564914|gb|AAC51820.1|	238	252	55	9.93	20.34	4.35	16.07	7.65	9.93	34.04	0.95
2	gi|2564914|gb|AAC51820.1|	239	253	56	7.3	20.34	3.66	14.4	7.3	4.37	27.98	0.95
2	gi|2564914|gb|AAC51820.1|	240	254	57	7.53	20.34	4.52	14.46	7.53	3.22	28.17	0.78
2	gi|2564914|gb|AAC51820.1|	241	255	58	7.66	21.91	4.54	14.56	7.66	2.76	46.08	0.57
2	gi|2564914|gb|AAC51820.1|	242	256	59	7.02	21.29	4.33	7.02	10.54	3.61	46.08	0.95
2	gi|2564914|gb|AAC51820.1|	243	257	60	7.02	32.45	5.19	7.02	13.44	6.01	45.12	1.37
2	gi|2564914|gb|AAC51820.1|	244	258	61	13.49	32.98	7.41	7.22	13.49	29.81	33.91	2.14
2	gi|2564914|gb|AAC51820.1|	247	261	62	17.95	17.95	23.81	2.42	11.47	19.97	25.14	3.73
2	gi|2564914|gb|AAC51820.1|	248	262	63	13.82	16.45	23.81	2.46	11.56	13.82	22.46	3.73
2	gi|2564914|gb|AAC51820.1|	249	263	64	9.56	9.56	21	2.5	11.56	7.16	25.63	1.98
2	gi|2564914|gb|AAC51820.1|	250	264	65	9.56	9.56	13.69	2.58	11.56	3.72	29.94	1.47
2	gi|2564914|gb|AAC51820.1|	251	265	66	9.56	9.56	16.11	3.14	11.56	4.19	53.38	1.41
2	gi|2564914|gb|AAC51820.1|	252	266	67	9.56	9.56	15.07	3.14	11.56	4.76	53.38	1.13
2	gi|2564914|gb|AAC51820.1|	253	267	68	11.56	9.56	17.89	14.41	11.56	7.49	55.98	1.86
2	gi|2564914|gb|AAC51820.1|	294	308	69	17.2	2.95	46.16	10.38	0.11	17.2	23.38	21
2	gi|2564914|gb|AAC51820.1|	295	309	70	14.51	2.95	46.16	10.52	6.18	14.51	23.38	21
2	gi|2564914|gb|AAC51820.1|	296	310	71	13.57	2.95	46.16	10.5	6.65	13.57	23.38	21
2	gi|2564914|gb|AAC51820.1|	297	311	72	17.5	2.95	46.16	10.25	12.23	20.41	23.38	17.5
2	gi|2564914|gb|AAC51820.1|	306	320	73	19.19	13.15	6.4	43.45	35.1	18.46	19.19	26.55
2	gi|2564914|gb|AAC51820.1|	310	324	74	19.82	8.28	14.04	37.79	19.82	40.17	1.52	35.44
2	gi|2564914|gb|AAC51820.1|	311	325	75	13.62	4.01	24.64	13.62	10.22	24.26	0.96	25.18
2	gi|2564914|gb|AAC51820.1|	312	326	76	9.72	1.27	17.34	10.8	0.77	9.72	0.71	10.1
2	gi|2564914|gb|AAC51820.1|	313	327	77	4.28	0.05	14.76	7.95	0.57	4.28	1.22	9.41
2	gi|2564914|gb|AAC51820.1|	314	328	78	4.22	0.04	18.76	9.02	0.5	4.22	1.68	9.73
2	gi|2564914|gb|AAC51820.1|	315	329	79	4.28	0.02	23.58	11.67	0.5	4.28	1.78	10.2
2	gi|2564914|gb|AAC51820.1|	316	330	80	6.11	0.02	30.99	14.65	0.87	6.11	3.8	11.4
2	gi|2564914|gb|AAC51820.1|	317	331	81	13.97	0.05	40.93	16.78	1.7	13.97	3.47	23.15
2	gi|2564914|gb|AAC51820.1|	318	332	82	15.14	0.18	36.97	15.14	3.01	32.32	7.85	15.78
2	gi|2564914|gb|AAC51820.1|	319	333	83	18.91	1.34	18.91	9.97	22.64	45.36	12.09	23.91
2	gi|2564914|gb|AAC51820.1|	320	334	84	15.91	15.15	18.91	5.47	22.64	38.1	12.47	15.91
2	gi|2564914|gb|AAC51820.1|	321	335	85	16	15.15	16	4	22.64	27.81	19.06	15.7
2	gi|2564914|gb|AAC51820.1|	322	336	86	16	15.15	16	3.82	22.64	23.66	20.44	15.91
2	gi|2564914|gb|AAC51820.1|	323	337	87	16	15.15	16	4.19	22.64	25.36	24.54	15.91
2	gi|2564914|gb|AAC51820.1|	324	338	88	15.91	15.15	16	5.61	22.64	33.64	15.47	15.91
2	gi|2564914|gb|AAC51820.1|	337	351	89	15.27	67.8	3.84	17.42	13.64	32.3	11.35	15.27
2	gi|2564914|gb|AAC51820.1|	338	352	90	11.83	66.32	4.9	14.22	11.83	19.46	10.68	2.86

Table 2

2	gi|2564914|gb|AAC51820.1|	339	353	91	10.98	47.88	5.73	13.49	10.98	13.52	10.49	2.68
2	gi|2564914|gb|AAC51820.1|	340	354	92	14.22	47.69	8.04	14.22	10.6	15.14	22.5	2.89
2	gi|2564914|gb|AAC51820.1|	341	355	93	11.08	11.08	10.71	2.87	12.8	18.11	36.07	3
2	gi|2564914|gb|AAC51820.1|	342	356	94	15.13	10.47	22.53	2.88	15.13	26.7	45.73	8.39
2	gi|2564914|gb|AAC51820.1|	343	357	95	18.27	8.67	22.53	3.25	18.27	56.17	42.45	8.89
2	gi|2564914|gb|AAC51820.1|	346	360	96	4.88	3.92	53.65	4.88	4.18	23.37	45.92	1.96
2	gi|2564914|gb|AAC51820.1|	347	361	97	4.1	3.89	30.21	3.33	4.1	10.26	42.61	1.63
2	gi|2564914|gb|AAC51820.1|	348	362	98	5.03	4.13	30.21	5.03	4.17	6.42	42.67	1.61
2	gi|2564914|gb|AAC51820.1|	349	363	99	4.59	3.53	20.84	4.59	6.04	3.66	39.05	1.35
2	gi|2564914|gb|AAC51820.1|	350	364	100	7.47	7.47	14.38	9.25	6.04	3.7	40.55	1.26
2	gi|2564914|gb|AAC51820.1|	351	365	101	7.65	7.65	16.53	12.38	6.04	5.04	44.61	2.13
2	gi|2564914|gb|AAC51820.1|	352	366	102	17.62	15.89	17.62	20.45	20.43	8.68	55.1	2.45
2	gi|2564914|gb|AAC51820.1|	363	377	103	18.72	16.06	4.31	5.7	34.4	18.9	18.72	26.8
2	gi|2564914|gb|AAC51820.1|	364	378	104	8.84	18.77	5.73	5.76	29.13	17.63	8.84	8.57
2	gi|2564914|gb|AAC51820.1|	365	379	105	12.54	18.99	6.98	6.72	28.43	20.18	12.42	12.54
2	gi|2564914|gb|AAC51820.1|	382	396	106	17.23	6.18	12.45	31.74	41.46	17.23	40.24	16.56
2	gi|2564914|gb|AAC51820.1|	384	398	107	17.08	6.18	16.5	17.08	50.63	22.12	49.69	16.56
2	gi|2564914|gb|AAC51820.1|	385	399	108	18.7	6.18	18.7	18.45	59.12	32.41	35.05	16.56
2	gi|2564914|gb|AAC51820.1|	394	408	109	12.46	4.37	2.01	12.46	15.61	33.18	39	7.95
2	gi|2564914|gb|AAC51820.1|	395	409	110	12.71	4.37	2.34	12.71	41.16	20.72	34.46	7.95
2	gi|2564914|gb|AAC51820.1|	396	410	111	8.64	4.37	0.56	12.18	22.96	8.64	27.9	7.95
2	gi|2564914|gb|AAC51820.1|	397	411	112	7.95	4.37	0.43	8.83	21.8	4.37	14.47	7.95
2	gi|2564914|gb|AAC51820.1|	398	412	113	7.95	4.37	0.5	8.37	24.4	3.27	16.29	7.95
2	gi|2564914|gb|AAC51820.1|	399	413	114	9.75	9.75	0.73	11.78	28.47	5.12	16.68	8.05
2	gi|2564914|gb|AAC51820.1|	400	414	115	5.54	4.37	0.88	3.96	5.54	7.29	17.92	7.95
2	gi|2564914|gb|AAC51820.1|	401	415	116	8.29	8.29	3.73	6.07	4.97	9.49	15.59	13.28
2	gi|2564914|gb|AAC51820.1|	402	416	117	8.29	8.29	6.45	6.07	5.26	18.11	12.67	13.82
2	gi|2564914|gb|AAC51820.1|	403	417	118	10.88	8.29	35.68	6.07	5.37	24.42	10.88	19.72
2	gi|2564914|gb|AAC51820.1|	405	419	119	11.22	9.53	9.39	7.76	11.22	41.11	20.51	20.77
2	gi|2564914|gb|AAC51820.1|	406	420	120	14.77	9.87	8.88	10.72	15.44	56.17	20.51	14.77
2	gi|2564914|gb|AAC51820.1|	407	421	121	18.26	18.26	9.64	18.1	54.11	72.81	20.51	14.93
2	gi|2564914|gb|AAC51820.1|	408	422	122	17.6	17.6	7.65	10.26	52.23	71.83	28.98	14.15
2	gi|2564914|gb|AAC51820.1|	410	424	123	15.22	4.27	15.22	9.63	0.07	68.11	27.79	18.87
2	gi|2564914|gb|AAC51820.1|	428	442	124	19.67	9.78	5.01	13.25	19.67	43.45	37.79	37.17
2	gi|2564914|gb|AAC51820.1|	429	443	125	12.55	5.24	4.67	12.55	5.5	25.42	33.39	37.59
2	gi|2564914|gb|AAC51820.1|	430	444	126	12.78	5.24	6.43	12.78	4.84	22.44	30.25	32.39
2	gi|2564914|gb|AAC51820.1|	431	445	127	12.29	5.24	7.62	12.29	4.47	18.32	27.78	31.57
2	gi|2564914|gb|AAC51820.1|	432	446	128	15.76	5.24	10.3	15.76	4.71	19.98	24.81	37.56
2	gi|2564914|gb|AAC51820.1|	438	452	129	17.85	1.99	17.85	39.93	1.36	33.72	19.37	17.8
2	gi|2564914|gb|AAC51820.1|	439	453	130	17.8	1.99	20.53	39.56	2.27	27.22	12.08	17.8
2	gi|2564914|gb|AAC51820.1|	440	454	131	19.1	1.99	24.77	47.76	3.97	31.42	15.33	19.1
2	gi|2564914|gb|AAC51820.1|	444	458	132	17.93	15.86	41.46	17.93	14.74	23.68	27.18	7.03
2	gi|2564914|gb|AAC51820.1|	445	459	133	15.74	15.86	27.26	15.74	13.97	13.09	21.17	5.68
2	gi|2564914|gb|AAC51820.1|	446	460	134	15.74	26.69	35.77	15.74	15.31	12.75	17.3	5.86
2	gi|2564914|gb|AAC51820.1|	447	461	135	15.74	26.69	41.42	15.74	16.19	11.88	14.84	6.15
2	gi|2564914|gb|AAC51820.1|	451	465	136	16.4	50.17	16.4	10.25	23.27	16.24	35.66	1.08
2	gi|2564914|gb|AAC51820.1|	452	466	137	11.53	43.3	9.29	2.3	23.27	11.53	30.58	0.95
2	gi|2564914|gb|AAC51820.1|	453	467	138	13.36	42.41	9.61	2.37	23.27	13.36	38.62	1

Table 2

2	gi|2564914|gb|AAC51820.1|	454	468	139	15.74	49.88	9.98	2.35	23.27	15.74	41.51	1
2	gi|2564914|gb|AAC51820.1|	455	469	140	19.84	51.39	11.02	2.61	23.27	19.84	41.97	2.84
2	gi|2564914|gb|AAC51820.1|	459	473	141	12.69	11.59	12.69	10.21	2.49	14.96	57.75	12.86
2	gi|2564914|gb|AAC51820.1|	460	474	142	16.05	23.72	16.05	17.93	2.51	9.72	57.75	12.86
2	gi|2564914|gb|AAC51820.1|	461	475	143	12.71	23.72	12.71	17.93	2.2	5.92	57.75	9.9
2	gi|2564914|gb|AAC51820.1|	462	476	144	11.78	23.72	11.78	17.93	2.08	5.12	57.75	8.62
2	gi|2564914|gb|AAC51820.1|	463	477	145	16.1	23.72	16.1	17.93	3.65	8.47	59.35	12.65
2	gi|2564914|gb|AAC51820.1|	469	483	146	14.15	0.99	22.29	14.15	75.22	47.79	9.74	4.69
2	gi|2564914|gb|AAC51820.1|	470	484	147	14.35	0.99	25.25	14.35	49.46	42.31	8.45	4.69
2	gi|2564914|gb|AAC51820.1|	471	485	148	14.64	0.99	27.06	14.64	49.46	38.12	6.97	5.85
2	gi|2564914|gb|AAC51820.1|	483	497	149	12.51	8.58	56.82	11.76	4.03	53.41	19.14	12.51
2	gi|2564914|gb|AAC51820.1|	484	498	150	12.69	8.25	54.79	11.37	3.45	41.57	19.14	12.69
2	gi|2564914|gb|AAC51820.1|	485	499	151	17.66	8.34	52.82	11.24	3.06	33.34	19.14	17.66
2	gi|2564914|gb|AAC51820.1|	486	500	152	17.77	8.3	52.62	10.45	2.83	33.03	19.14	17.77
2	gi|2564914|gb|AAC51820.1|	490	504	153	19.86	19.86	39.83	7.43	52.24	63.76	17.7	3.84
2	gi|2564914|gb|AAC51820.1|	491	505	154	17.7	8.97	36.71	7.14	58.16	39.56	17.7	2.49
2	gi|2564914|gb|AAC51820.1|	492	506	155	17.7	1.75	36.71	6.41	58.39	28.1	17.7	2.5
2	gi|2564914|gb|AAC51820.1|	493	507	156	16	1.75	36.71	5.54	58.27	16	17.7	2.38
2	gi|2564914|gb|AAC51820.1|	494	508	157	17.19	1.75	36.71	5.82	61.68	17.19	17.7	2.52
2	gi|2564914|gb|AAC51820.1|	495	509	158	14.28	1.75	14.28	11.01	56.57	15.8	17.7	3.78
2	gi|2564914|gb|AAC51820.1|	496	510	159	14.2	1.75	14.2	11.19	65.71	20.99	17.11	6.98
2	gi|2564914|gb|AAC51820.1|	497	511	160	11.83	1.75	10.67	21.09	8.63	32.95	43.34	11.83
2	gi|2564914|gb|AAC51820.1|	507	521	161	18.39	10.25	51.79	35.46	4.42	18.39	26.72	17.18
2	gi|2564914|gb|AAC51820.1|	512	526	162	11.11	5.69	6.09	21.79	11.1	46.54	50.44	11.11
2	gi|2564914|gb|AAC51820.1|	513	527	163	10.94	5.24	6.5	10.94	11.25	27.31	42.27	4.34
2	gi|2564914|gb|AAC51820.1|	514	528	164	9.35	5.24	4.65	10.14	9.35	16.78	45.68	4.34
2	gi|2564914|gb|AAC51820.1|	515	529	165	9.87	5.24	5.84	9.94	9.87	14.53	48.72	4.34
2	gi|2564914|gb|AAC51820.1|	516	530	166	6.98	5.24	6.91	6.98	14.48	15.94	41.73	4.34
2	gi|2564914|gb|AAC51820.1|	517	531	167	14.52	14.52	9.33	8.01	19.92	21.23	57.55	6.58
2	gi|2564914|gb|AAC51820.1|	518	532	168	14.01	14.01	10.37	7.35	23.79	29.34	70.12	11.63
3	gi|496369|dbj|BAA02545.1|	12	26	169	18.87	28.38	18.87	4.16	35.19	31.31	4.01	9.04
3	gi|496369|dbj|BAA02545.1|	15	29	170	11.92	4.77	18.47	4.06	35.19	33.54	11.92	7.03
3	gi|496369|dbj|BAA02545.1|	16	30	171	16.26	8.25	16.51	4.06	35.19	30.82	16.26	8.97
3	gi|496369|dbj|BAA02545.1|	17	31	172	16.85	8.25	16.85	11.45	35.19	30.69	19.31	10.1
3	gi|496369|dbj|BAA02545.1|	23	37	173	18.33	18.33	30.69	4.06	39.18	71.8	2.64	9.97
3	gi|496369|dbj|BAA02545.1|	24	38	174	7.28	3.85	7.28	4.06	39.18	50.4	2.2	9.97
3	gi|496369|dbj|BAA02545.1|	25	39	175	9.3	4.11	9.3	4.06	39.18	39.74	1.75	9.97
3	gi|496369|dbj|BAA02545.1|	26	40	176	9.73	4.12	9.73	7.94	39.18	32.67	1.62	9.97
3	gi|496369|dbj|BAA02545.1|	27	41	177	9.97	4.33	11.32	8.01	39.18	27.56	7.62	9.97
3	gi|496369|dbj|BAA02545.1|	28	42	178	11.79	4.33	11.79	8.01	39.18	28.78	17.73	9.97
3	gi|496369|dbj|BAA02545.1|	29	43	179	18.75	14.41	13.69	19.56	54.02	34.39	18.75	9.97
3	gi|496369|dbj|BAA02545.1|	42	56	180	17.02	6.55	3.1	23.43	17.02	47.8	28.4	15.91
3	gi|496369|dbj|BAA02545.1|	43	57	181	18.16	7.02	4.47	21.09	18.16	41.11	35.55	16.76
3	gi|496369|dbj|BAA02545.1|	73	87	182	17.08	9.56	21.53	5.22	55.19	17.08	79.97	1.4
3	gi|496369|dbj|BAA02545.1|	86	100	183	18.81	26.11	52.81	8.49	18.81	44.11	12.89	17.29
3	gi|496369|dbj|BAA02545.1|	89	103	184	18.81	20.57	78.82	8.49	18.81	71.72	17.71	17.66
3	gi|496369|dbj|BAA02545.1|	100	114	185	17.22	11.59	66.36	25.29	17.22	30.47	4.55	2.44
3	gi|496369|dbj|BAA02545.1|	101	115	186	16.34	11.59	67.45	25.48	16.34	22.65	2.77	2.44

Table 2

3	gi|496369|dbj|BAA02545.1|	102	116	187	16.2	6.58	69.41	25.22	16.2	18.37	1.76	2.44
3	gi|496369|dbj|BAA02545.1|	103	117	188	14.69	6.58	72.51	27.2	14.69	17.72	2.39	2.44
3	gi|496369|dbj|BAA02545.1|	126	140	189	14.98	14.98	27.35	8.65	59.01	16.5	1.17	13.23
3	gi|496369|dbj|BAA02545.1|	127	141	190	6.95	5.59	22.11	6.95	59.01	5.99	1.07	8.42
3	gi|496369|dbj|BAA02545.1|	128	142	191	6.95	5.59	28.75	6.95	59.01	2.19	1.06	8.42
3	gi|496369|dbj|BAA02545.1|	129	143	192	6.95	5.59	19.35	6.95	59.01	1.2	2.27	8.42
3	gi|496369|dbj|BAA02545.1|	130	144	193	6.95	5.59	14.57	6.95	57.94	1.26	2.15	8.42
3	gi|496369|dbj|BAA02545.1|	131	145	194	13.16	6.71	17.77	20.69	59.01	2.93	13.16	8.42
3	gi|496369|dbj|BAA02545.1|	132	146	195	15.02	11.17	21.63	28.59	59.01	9.39	15.02	10.41
3	gi|496369|dbj|BAA02545.1|	141	155	196	17.32	17.32	25.13	4.81	4.44	39.76	29.82	8.59
3	gi|496369|dbj|BAA02545.1|	149	163	197	15.32	19.04	21.79	8.01	36.8	13.09	7.66	15.32
3	gi|496369|dbj|BAA02545.1|	150	164	198	15.73	18.37	24.08	8.01	37.36	6.5	6.52	15.73
3	gi|496369|dbj|BAA02545.1|	151	165	199	10.33	18.29	10.33	7.02	37.57	5.64	4.51	12.92
3	gi|496369|dbj|BAA02545.1|	152	166	200	10.47	23.09	10.47	7.02	37.57	6.73	4.51	12.01
3	gi|496369|dbj|BAA02545.1|	153	167	201	10.11	22.89	10.11	7.02	37.57	7.76	4.51	11.91
3	gi|496369|dbj|BAA02545.1|	154	168	202	17.64	27.06	18.7	11.21	37.57	11.99	4.67	17.64
3	gi|496369|dbj|BAA02545.1|	155	169	203	17.96	24.18	12.87	11.68	20.78	25.23	4.53	17.96
3	gi|496369|dbj|BAA02545.1|	189	203	204	14.13	10.09	45.63	25.47	9.9	31.73	11.89	14.13
3	gi|496369|dbj|BAA02545.1|	190	204	205	19.86	17.73	33.65	22.84	19.86	21.6	6.14	14.13
3	gi|496369|dbj|BAA02545.1|	191	205	206	17.88	12.66	26.46	23.45	19.79	17.88	2.97	12.84
3	gi|496369|dbj|BAA02545.1|	192	206	207	12.67	7.76	15.14	14.67	12.67	11.25	1.13	12.84
3	gi|496369|dbj|BAA02545.1|	193	207	208	12.84	7.76	16	14.6	59.96	7.73	0.79	12.84
3	gi|496369|dbj|BAA02545.1|	194	208	209	11.11	7.76	16	14.61	60.45	6.97	0.37	11.11
3	gi|496369|dbj|BAA02545.1|	195	209	210	11.11	7.76	16	13.91	59.5	5.47	0.26	11.11
3	gi|496369|dbj|BAA02545.1|	196	210	211	11.11	7.76	16	15.34	58.65	6.66	0.26	11.11
3	gi|496369|dbj|BAA02545.1|	197	211	212	11.11	7.76	13.26	16.86	66.21	7.39	0.23	11.11
3	gi|496369|dbj|BAA02545.1|	198	212	213	11.11	1.1	15.06	19.89	71.53	9.35	0.77	11.11
3	gi|496369|dbj|BAA02545.1|	199	213	214	11.11	1.18	15.29	19.85	73.23	8.62	1.53	11.11
3	gi|496369|dbj|BAA02545.1|	200	214	215	11.11	1.05	11.3	19.07	62.45	6.1	1.52	11.11
3	gi|496369|dbj|BAA02545.1|	201	215	216	13.97	1.05	15.22	19.96	60.86	4.75	1.44	13.97
3	gi|496369|dbj|BAA02545.1|	202	216	217	14.76	1.04	17.78	25.44	61.38	5.09	3.96	14.76
3	gi|496369|dbj|BAA02545.1|	203	217	218	17.78	3.38	17.78	29.36	62.91	9.7	5.49	20.31
3	gi|496369|dbj|BAA02545.1|	204	218	219	17.78	3.86	17.78	22.22	67.71	21.28	11.86	13.97
3	gi|496369|dbj|BAA02545.1|	205	219	220	19.74	30.3	17.78	8.49	68.8	40.42	14.86	19.74
3	gi|496369|dbj|BAA02545.1|	238	252	221	9.93	20.34	4.35	16.07	7.65	9.93	34.04	0.95
3	gi|496369|dbj|BAA02545.1|	239	253	222	7.3	20.34	3.66	14.4	7.3	4.37	27.98	0.95
3	gi|496369|dbj|BAA02545.1|	240	254	223	7.53	20.34	4.52	14.46	7.53	3.22	28.17	0.78
3	gi|496369|dbj|BAA02545.1|	241	255	224	7.66	21.91	4.54	14.56	7.66	2.76	46.08	0.57
3	gi|496369|dbj|BAA02545.1|	242	256	225	7.02	21.29	4.33	7.02	10.54	3.61	46.08	0.95
3	gi|496369|dbj|BAA02545.1|	243	257	226	7.02	32.45	5.19	7.02	13.44	6.01	45.12	1.37
3	gi|496369|dbj|BAA02545.1|	244	258	227	13.49	32.98	7.41	7.22	13.49	29.81	33.91	2.14
3	gi|496369|dbj|BAA02545.1|	247	261	228	17.95	17.95	23.81	2.42	11.47	19.97	25.14	3.73
3	gi|496369|dbj|BAA02545.1|	248	262	229	13.82	16.45	23.81	2.46	11.56	13.82	22.46	3.73
3	gi|496369|dbj|BAA02545.1|	249	263	230	9.56	9.56	21	2.5	11.56	7.16	25.63	1.98
3	gi|496369|dbj|BAA02545.1|	250	264	231	9.56	9.56	13.69	2.58	11.56	3.72	29.94	1.47
3	gi|496369|dbj|BAA02545.1|	251	265	232	9.56	9.56	16.11	3.14	11.56	4.19	53.38	1.41
3	gi|496369|dbj|BAA02545.1|	252	266	233	9.56	9.56	15.07	3.14	11.56	4.76	53.38	1.13
3	gi|496369|dbj|BAA02545.1|	253	267	234	11.56	9.56	17.89	14.41	11.56	7.49	55.98	1.86

Table 2

3	gi|496369|dbj|BAA02545.1|	294	308	235	17.2	2.95	46.16	10.38	0.11	17.2	23.38	21
3	gi|496369|dbj|BAA02545.1|	295	309	236	14.51	2.95	46.16	10.52	6.18	14.51	23.38	21
3	gi|496369|dbj|BAA02545.1|	296	310	237	13.57	2.95	46.16	10.5	6.65	13.57	23.38	21
3	gi|496369|dbj|BAA02545.1|	297	311	238	17.5	2.95	46.16	10.25	12.23	20.41	23.38	17.5
3	gi|496369|dbj|BAA02545.1|	306	320	239	19.19	13.15	6.4	43.45	35.1	18.46	19.19	26.55
3	gi|496369|dbj|BAA02545.1|	310	324	240	19.82	8.28	14.04	37.79	19.82	40.17	1.52	35.44
3	gi|496369|dbj|BAA02545.1|	311	325	241	13.62	4.01	24.64	13.62	10.22	24.26	0.96	25.18
3	gi|496369|dbj|BAA02545.1|	312	326	242	9.72	1.27	17.34	10.8	0.77	9.72	0.71	10.1
3	gi|496369|dbj|BAA02545.1|	313	327	243	4.28	0.05	14.76	7.95	0.57	4.28	1.22	9.41
3	gi|496369|dbj|BAA02545.1|	314	328	244	4.22	0.04	18.76	9.02	0.5	4.22	1.68	9.73
3	gi|496369|dbj|BAA02545.1|	315	329	245	4.28	0.02	23.58	11.67	0.5	4.28	1.78	10.2
3	gi|496369|dbj|BAA02545.1|	316	330	246	6.11	0.02	30.99	14.65	0.87	6.11	3.8	11.4
3	gi|496369|dbj|BAA02545.1|	317	331	247	13.97	0.05	40.93	16.78	1.7	13.97	3.47	23.15
3	gi|496369|dbj|BAA02545.1|	318	332	248	15.14	0.18	36.97	15.14	3.01	32.32	7.85	15.78
3	gi|496369|dbj|BAA02545.1|	319	333	249	18.91	1.34	18.91	9.97	22.64	45.36	12.09	23.91
3	gi|496369|dbj|BAA02545.1|	320	334	250	15.91	15.15	18.91	5.47	22.64	38.1	12.47	15.91
3	gi|496369|dbj|BAA02545.1|	321	335	251	16	15.15	16	4	22.64	27.81	19.06	15.7
3	gi|496369|dbj|BAA02545.1|	322	336	252	16	15.15	16	3.82	22.64	23.66	20.44	15.91
3	gi|496369|dbj|BAA02545.1|	323	337	253	16	15.15	16	4.19	22.64	25.36	24.54	15.91
3	gi|496369|dbj|BAA02545.1|	324	338	254	15.91	15.15	16	5.61	22.64	33.64	15.47	15.91
3	gi|496369|dbj|BAA02545.1|	337	351	255	15.27	67.8	3.84	17.42	13.64	32.3	11.35	15.27
3	gi|496369|dbj|BAA02545.1|	338	352	256	11.83	66.32	4.9	14.22	11.83	19.46	10.68	2.86
3	gi|496369|dbj|BAA02545.1|	339	353	257	10.98	47.88	5.73	13.49	10.98	13.52	10.49	2.68
3	gi|496369|dbj|BAA02545.1|	340	354	258	14.22	47.69	8.04	14.22	10.6	15.14	22.5	2.89
3	gi|496369|dbj|BAA02545.1|	341	355	259	11.08	11.08	10.71	2.87	12.8	18.11	36.07	3
3	gi|496369|dbj|BAA02545.1|	342	356	260	15.13	10.47	22.53	2.88	15.13	26.7	45.73	8.39
3	gi|496369|dbj|BAA02545.1|	343	357	261	18.27	8.67	22.53	3.25	18.27	56.17	42.45	8.89
3	gi|496369|dbj|BAA02545.1|	346	360	262	4.88	3.92	53.65	4.88	4.18	23.37	45.92	1.96
3	gi|496369|dbj|BAA02545.1|	347	361	263	4.1	3.89	30.21	3.33	4.1	10.26	42.61	1.63
3	gi|496369|dbj|BAA02545.1|	348	362	264	5.03	4.13	30.21	5.03	4.17	6.42	42.67	1.61
3	gi|496369|dbj|BAA02545.1|	349	363	265	4.59	3.53	20.84	4.59	6.04	3.66	39.05	1.35
3	gi|496369|dbj|BAA02545.1|	350	364	266	7.47	7.47	14.38	9.25	6.04	3.7	40.55	1.26
3	gi|496369|dbj|BAA02545.1|	351	365	267	7.65	7.65	16.53	12.38	6.04	5.04	44.61	2.13
3	gi|496369|dbj|BAA02545.1|	352	366	268	17.62	15.89	17.62	20.45	20.43	8.68	55.1	2.45
3	gi|496369|dbj|BAA02545.1|	363	377	269	18.72	16.06	4.31	5.7	34.4	18.9	18.72	26.8
3	gi|496369|dbj|BAA02545.1|	364	378	270	8.84	18.77	5.73	5.76	29.13	17.63	8.84	8.57
3	gi|496369|dbj|BAA02545.1|	365	379	271	12.54	18.99	6.98	6.72	28.43	20.18	12.42	12.54
3	gi|496369|dbj|BAA02545.1|	382	396	272	17.23	6.18	12.45	31.74	41.46	17.23	40.24	16.56
3	gi|496369|dbj|BAA02545.1|	384	398	273	17.08	6.18	16.5	17.08	50.63	22.12	49.69	16.56
3	gi|496369|dbj|BAA02545.1|	385	399	274	18.7	6.18	18.7	18.45	59.12	32.41	35.05	16.56
3	gi|496369|dbj|BAA02545.1|	394	408	275	12.46	4.37	2.01	12.46	15.61	33.18	39	7.95
3	gi|496369|dbj|BAA02545.1|	395	409	276	12.71	4.37	2.34	12.71	41.16	20.72	34.46	7.95
3	gi|496369|dbj|BAA02545.1|	396	410	277	8.64	4.37	0.56	12.18	22.96	8.64	27.9	7.95
3	gi|496369|dbj|BAA02545.1|	397	411	278	7.95	4.37	0.43	8.83	21.8	4.37	14.47	7.95
3	gi|496369|dbj|BAA02545.1|	398	412	279	7.95	4.37	0.5	8.37	24.4	3.27	16.29	7.95
3	gi|496369|dbj|BAA02545.1|	399	413	280	9.75	9.75	0.73	11.78	28.47	5.12	16.68	8.05
3	gi|496369|dbj|BAA02545.1|	400	414	281	5.54	4.37	0.88	3.96	5.54	7.29	17.92	7.95
3	gi|496369|dbj|BAA02545.1|	401	415	282	8.29	8.29	3.73	6.07	4.97	9.49	15.59	13.28

Table 2

3	gi|496369|dbj|BAA02545.1|	402	416	283	8.29	8.29	6.45	6.07	5.26	18.11	12.67	13.82
3	gi|496369|dbj|BAA02545.1|	403	417	284	10.88	8.29	35.68	6.07	5.37	24.42	10.88	19.72
3	gi|496369|dbj|BAA02545.1|	405	419	285	11.22	9.53	9.39	7.76	11.22	41.11	20.51	20.77
3	gi|496369|dbj|BAA02545.1|	406	420	286	14.77	9.87	8.88	10.72	15.44	56.17	20.51	14.77
3	gi|496369|dbj|BAA02545.1|	407	421	287	18.26	18.26	9.64	18.1	54.11	72.81	20.51	14.93
3	gi|496369|dbj|BAA02545.1|	408	422	288	17.6	17.6	7.65	10.26	52.23	71.83	28.98	14.15
3	gi|496369|dbj|BAA02545.1|	410	424	289	15.22	4.27	15.22	9.63	0.07	68.11	27.79	18.87
3	gi|496369|dbj|BAA02545.1|	428	442	290	19.67	9.78	5.01	13.25	19.67	43.45	37.79	37.17
3	gi|496369|dbj|BAA02545.1|	429	443	291	12.55	5.24	4.67	12.55	5.5	25.42	33.39	37.59
3	gi|496369|dbj|BAA02545.1|	430	444	292	12.78	5.24	6.43	12.78	4.84	22.44	30.25	32.39
3	gi|496369|dbj|BAA02545.1|	431	445	293	12.29	5.24	7.62	12.29	4.47	18.32	27.78	31.57
3	gi|496369|dbj|BAA02545.1|	432	446	294	15.76	5.24	10.3	15.76	4.71	19.98	24.81	37.56
3	gi|496369|dbj|BAA02545.1|	438	452	295	17.85	1.99	17.85	39.93	1.36	33.72	19.37	17.8
3	gi|496369|dbj|BAA02545.1|	439	453	296	17.8	1.99	20.53	39.56	2.27	27.22	12.08	17.8
3	gi|496369|dbj|BAA02545.1|	440	454	297	19.1	1.99	24.77	47.76	3.97	31.42	15.33	19.1
3	gi|496369|dbj|BAA02545.1|	444	458	298	17.93	15.86	41.46	17.93	14.74	23.68	27.18	7.03
3	gi|496369|dbj|BAA02545.1|	445	459	299	15.74	15.86	27.26	15.74	13.97	13.09	21.17	5.68
3	gi|496369|dbj|BAA02545.1|	446	460	300	15.74	26.69	35.77	15.74	15.31	12.75	17.3	5.86
3	gi|496369|dbj|BAA02545.1|	447	461	301	15.74	26.69	41.42	15.74	16.19	11.88	14.84	6.15
3	gi|496369|dbj|BAA02545.1|	451	465	302	16.4	50.17	16.4	10.25	23.27	16.24	35.66	1.08
3	gi|496369|dbj|BAA02545.1|	452	466	303	11.53	43.3	9.29	2.3	23.27	11.53	30.58	0.95
3	gi|496369|dbj|BAA02545.1|	453	467	304	13.36	42.41	9.61	2.37	23.27	13.36	38.62	1
3	gi|496369|dbj|BAA02545.1|	454	468	305	15.74	49.88	9.98	2.35	23.27	15.74	41.51	1
3	gi|496369|dbj|BAA02545.1|	455	469	306	19.84	51.39	11.02	2.61	23.27	19.84	41.97	2.84
3	gi|496369|dbj|BAA02545.1|	459	473	307	12.69	11.59	12.69	10.21	2.49	14.96	57.75	12.86
3	gi|496369|dbj|BAA02545.1|	460	474	308	16.05	23.72	16.05	17.93	2.51	9.72	57.75	12.86
3	gi|496369|dbj|BAA02545.1|	461	475	309	12.71	23.72	12.71	17.93	2.2	5.92	57.75	9.9
3	gi|496369|dbj|BAA02545.1|	462	476	310	11.78	23.72	11.78	17.93	2.08	5.12	57.75	8.62
3	gi|496369|dbj|BAA02545.1|	463	477	311	16.1	23.72	16.1	17.93	3.65	8.47	59.35	12.65
3	gi|496369|dbj|BAA02545.1|	469	483	312	14.15	0.99	22.29	14.15	75.22	47.79	9.74	4.69
3	gi|496369|dbj|BAA02545.1|	470	484	313	14.35	0.99	25.25	14.35	49.46	42.31	8.45	4.69
3	gi|496369|dbj|BAA02545.1|	471	485	314	14.64	0.99	27.06	14.64	49.46	38.12	6.97	5.85
3	gi|496369|dbj|BAA02545.1|	483	497	315	12.51	8.58	56.82	11.76	4.03	53.41	19.14	12.51
3	gi|496369|dbj|BAA02545.1|	484	498	316	12.69	8.25	54.79	11.37	3.45	41.57	19.14	12.69
3	gi|496369|dbj|BAA02545.1|	485	499	317	17.66	8.34	52.82	11.24	3.06	33.34	19.14	17.66
3	gi|496369|dbj|BAA02545.1|	486	500	318	17.77	8.3	52.62	10.45	2.83	33.03	19.14	17.77
3	gi|496369|dbj|BAA02545.1|	490	504	319	19.86	19.86	39.83	7.43	52.24	63.76	17.7	3.84
3	gi|496369|dbj|BAA02545.1|	491	505	320	17.7	8.97	36.71	7.14	58.16	39.56	17.7	2.49
3	gi|496369|dbj|BAA02545.1|	492	506	321	17.7	1.75	36.71	6.41	58.39	28.1	17.7	2.5
3	gi|496369|dbj|BAA02545.1|	493	507	322	16	1.75	36.71	5.54	58.27	16	17.7	2.38
3	gi|496369|dbj|BAA02545.1|	494	508	323	17.19	1.75	36.71	5.82	61.68	17.19	17.7	2.52
3	gi|496369|dbj|BAA02545.1|	495	509	324	14.28	1.75	14.28	11.01	56.57	15.8	17.7	3.78
3	gi|496369|dbj|BAA02545.1|	496	510	325	14.2	1.75	14.2	11.19	65.71	20.99	17.11	6.98
3	gi|496369|dbj|BAA02545.1|	497	511	326	11.83	1.75	10.67	21.09	8.63	32.95	43.34	11.83
3	gi|496369|dbj|BAA02545.1|	507	521	327	18.39	10.25	51.79	35.46	4.42	18.39	26.72	17.18
3	gi|496369|dbj|BAA02545.1|	512	526	328	11.11	5.69	6.09	21.79	11.1	46.54	50.44	11.11
3	gi|496369|dbj|BAA02545.1|	513	527	329	10.94	5.24	6.5	10.94	11.25	27.31	42.27	4.34
3	gi|496369|dbj|BAA02545.1|	514	528	330	9.35	5.24	4.65	10.14	9.35	16.78	45.68	4.34

Table 2

3	gi|496369|dbj|BAA02545.1|	515	529	331	9.87	5.24	5.84	9.94	9.87	14.53	48.72	4.34
3	gi|496369|dbj|BAA02545.1|	516	530	332	6.98	5.24	6.91	6.98	14.48	15.94	41.73	4.34
3	gi|496369|dbj|BAA02545.1|	517	531	333	14.52	14.52	9.33	8.01	19.92	21.23	57.55	6.58
3	gi|496369|dbj|BAA02545.1|	518	532	334	14.01	14.01	10.37	7.35	23.79	29.34	70.12	11.63
4	gi|183012|gb|AAC63056.1|	12	26	335	18.87	28.38	18.87	4.16	35.19	31.31	4.01	9.04
4	gi|183012|gb|AAC63056.1|	15	29	336	11.92	4.77	18.47	4.06	35.19	33.54	11.92	7.03
4	gi|183012|gb|AAC63056.1|	16	30	337	16.26	8.25	16.51	4.06	35.19	30.82	16.26	8.97
4	gi|183012|gb|AAC63056.1|	17	31	338	16.85	8.25	16.85	11.45	35.19	30.69	19.31	10.1
4	gi|183012|gb|AAC63056.1|	23	37	339	18.33	18.33	30.69	4.06	39.18	71.8	2.64	9.97
4	gi|183012|gb|AAC63056.1|	24	38	340	7.28	3.85	7.28	4.06	39.18	50.4	2.2	9.97
4	gi|183012|gb|AAC63056.1|	25	39	341	9.3	4.11	9.3	4.06	39.18	39.74	1.75	9.97
4	gi|183012|gb|AAC63056.1|	26	40	342	9.73	4.12	9.73	7.94	39.18	32.67	1.62	9.97
4	gi|183012|gb|AAC63056.1|	27	41	343	9.97	4.33	11.32	8.01	39.18	27.56	7.62	9.97
4	gi|183012|gb|AAC63056.1|	28	42	344	11.79	4.33	11.79	8.01	39.18	28.78	17.73	9.97
4	gi|183012|gb|AAC63056.1|	29	43	345	18.75	14.41	13.69	19.56	54.02	34.39	18.75	9.97
4	gi|183012|gb|AAC63056.1|	42	56	346	17.02	6.55	3.1	23.43	17.02	47.8	28.4	15.91
4	gi|183012|gb|AAC63056.1|	43	57	347	18.16	7.02	4.47	21.09	18.16	41.11	35.55	16.76
4	gi|183012|gb|AAC63056.1|	73	87	348	17.08	9.56	21.53	5.22	55.19	17.08	79.97	1.4
4	gi|183012|gb|AAC63056.1|	86	100	349	18.81	26.11	52.81	8.49	18.81	44.11	12.89	17.29
4	gi|183012|gb|AAC63056.1|	89	103	350	18.81	20.57	78.82	8.49	18.81	71.72	17.71	17.66
4	gi|183012|gb|AAC63056.1|	100	114	351	17.22	11.59	66.36	25.29	17.22	30.47	4.55	2.44
4	gi|183012|gb|AAC63056.1|	101	115	352	16.34	11.59	67.45	25.48	16.34	22.65	2.77	2.44
4	gi|183012|gb|AAC63056.1|	102	116	353	16.2	6.58	69.41	25.22	16.2	18.37	1.76	2.44
4	gi|183012|gb|AAC63056.1|	103	117	354	14.69	6.58	72.51	27.2	14.69	17.72	2.39	2.44
4	gi|183012|gb|AAC63056.1|	126	140	355	14.98	14.98	27.35	8.65	59.01	16.5	1.17	13.23
4	gi|183012|gb|AAC63056.1|	127	141	356	6.95	5.59	22.11	6.95	59.01	5.99	1.07	8.42
4	gi|183012|gb|AAC63056.1|	128	142	357	6.95	5.59	28.75	6.95	59.01	2.19	1.06	8.42
4	gi|183012|gb|AAC63056.1|	129	143	358	6.95	5.59	19.35	6.95	59.01	1.2	2.27	8.42
4	gi|183012|gb|AAC63056.1|	130	144	359	6.95	5.59	14.57	6.95	57.94	1.26	2.15	8.42
4	gi|183012|gb|AAC63056.1|	131	145	360	13.16	6.71	17.77	20.69	59.01	2.93	13.16	8.42
4	gi|183012|gb|AAC63056.1|	132	146	361	15.02	11.17	21.63	28.59	59.01	9.39	15.02	10.41
4	gi|183012|gb|AAC63056.1|	141	155	362	17.32	17.32	25.13	4.81	4.44	39.76	29.82	8.59
4	gi|183012|gb|AAC63056.1|	149	163	363	15.32	19.04	21.79	8.01	36.8	13.09	7.66	15.32
4	gi|183012|gb|AAC63056.1|	150	164	364	15.73	18.37	24.08	8.01	37.36	6.5	6.52	15.73
4	gi|183012|gb|AAC63056.1|	151	165	365	10.33	18.29	10.33	7.02	37.57	5.64	4.51	12.92
4	gi|183012|gb|AAC63056.1|	152	166	366	10.47	23.09	10.47	7.02	37.57	6.73	4.51	12.01
4	gi|183012|gb|AAC63056.1|	153	167	367	10.11	22.89	10.11	7.02	37.57	7.76	4.51	11.91
4	gi|183012|gb|AAC63056.1|	154	168	368	17.64	27.06	18.7	11.21	37.57	11.99	4.67	17.64
4	gi|183012|gb|AAC63056.1|	155	169	369	17.96	24.18	12.87	11.68	20.78	25.23	4.53	17.96
4	gi|183012|gb|AAC63056.1|	189	203	370	14.13	10.09	45.63	25.47	9.9	31.73	11.89	14.13
4	gi|183012|gb|AAC63056.1|	190	204	371	19.86	17.73	33.65	22.84	19.86	21.6	6.14	14.13
4	gi|183012|gb|AAC63056.1|	191	205	372	17.88	12.66	26.46	23.45	19.79	17.88	2.97	12.84
4	gi|183012|gb|AAC63056.1|	192	206	373	12.67	7.76	15.14	14.67	12.67	11.25	1.13	12.84
4	gi|183012|gb|AAC63056.1|	193	207	374	12.84	7.76	16	14.6	59.96	7.73	0.79	12.84
4	gi|183012|gb|AAC63056.1|	194	208	375	11.11	7.76	16	14.61	60.45	6.97	0.37	11.11
4	gi|183012|gb|AAC63056.1|	195	209	376	11.11	7.76	16	13.91	59.5	5.47	0.26	11.11
4	gi|183012|gb|AAC63056.1|	196	210	377	11.11	7.76	16	15.34	58.65	6.66	0.26	11.11
4	gi|183012|gb|AAC63056.1|	197	211	378	11.11	7.76	13.26	16.86	66.21	7.39	0.23	11.11

Table 2

4	gi|183012|gb|AAC63056.1|	198	212	379	11.11	1.1	15.06	19.89	71.53	9.35	0.77	11.11
4	gi|183012|gb|AAC63056.1|	199	213	380	11.11	1.18	15.29	19.85	73.23	8.62	1.53	11.11
4	gi|183012|gb|AAC63056.1|	200	214	381	11.11	1.05	11.3	19.07	62.45	6.1	1.52	11.11
4	gi|183012|gb|AAC63056.1|	201	215	382	13.97	1.05	15.22	19.96	60.86	4.75	1.44	13.97
4	gi|183012|gb|AAC63056.1|	202	216	383	14.76	1.04	17.78	25.44	61.38	5.09	3.96	14.76
4	gi|183012|gb|AAC63056.1|	203	217	384	17.78	3.38	17.78	29.36	62.91	9.7	5.49	20.31
4	gi|183012|gb|AAC63056.1|	204	218	385	17.78	3.86	17.78	22.22	67.71	21.28	11.86	13.97
4	gi|183012|gb|AAC63056.1|	205	219	386	19.74	30.3	17.78	8.49	68.8	40.42	14.86	19.74
4	gi|183012|gb|AAC63056.1|	238	252	387	9.93	20.34	4.35	16.07	7.65	9.93	34.04	0.95
4	gi|183012|gb|AAC63056.1|	239	253	388	7.3	20.34	3.66	14.4	7.3	4.37	27.98	0.95
4	gi|183012|gb|AAC63056.1|	240	254	389	7.53	20.34	4.52	14.46	7.53	3.22	28.17	0.78
4	gi|183012|gb|AAC63056.1|	241	255	390	7.66	21.91	4.54	14.56	7.66	2.76	46.08	0.57
4	gi|183012|gb|AAC63056.1|	242	256	391	7.02	21.29	4.33	7.02	10.54	3.61	46.08	0.95
4	gi|183012|gb|AAC63056.1|	243	257	392	7.02	32.45	5.19	7.02	13.44	6.01	45.12	1.37
4	gi|183012|gb|AAC63056.1|	244	258	393	13.49	32.98	7.41	7.22	13.49	29.81	33.91	2.14
4	gi|183012|gb|AAC63056.1|	247	261	394	17.95	17.95	23.81	2.42	11.47	19.97	25.14	3.73
4	gi|183012|gb|AAC63056.1|	248	262	395	13.82	16.45	23.81	2.46	11.56	13.82	22.46	3.73
4	gi|183012|gb|AAC63056.1|	249	263	396	9.56	9.56	21	2.5	11.56	7.16	25.63	1.98
4	gi|183012|gb|AAC63056.1|	250	264	397	9.56	9.56	13.69	2.58	11.56	3.72	29.94	1.47
4	gi|183012|gb|AAC63056.1|	251	265	398	9.56	9.56	16.11	3.14	11.56	4.19	53.38	1.41
4	gi|183012|gb|AAC63056.1|	252	266	399	9.56	9.56	15.07	3.14	11.56	4.76	53.38	1.13
4	gi|183012|gb|AAC63056.1|	253	267	400	11.56	9.56	17.89	14.41	11.56	7.49	55.98	1.86
4	gi|183012|gb|AAC63056.1|	294	308	401	17.2	2.95	46.16	10.38	0.11	17.2	23.38	21
4	gi|183012|gb|AAC63056.1|	295	309	402	14.51	2.95	46.16	10.52	6.18	14.51	23.38	21
4	gi|183012|gb|AAC63056.1|	296	310	403	13.57	2.95	46.16	10.5	6.65	13.57	23.38	21
4	gi|183012|gb|AAC63056.1|	297	311	404	17.5	2.95	46.16	10.25	12.23	20.41	23.38	17.5
4	gi|183012|gb|AAC63056.1|	306	320	405	19.19	13.15	6.4	43.45	35.1	18.46	19.19	26.55
4	gi|183012|gb|AAC63056.1|	310	324	406	19.82	8.28	14.04	37.79	19.82	40.17	1.52	35.44
4	gi|183012|gb|AAC63056.1|	311	325	407	13.62	4.01	24.64	13.62	10.22	24.26	0.96	25.18
4	gi|183012|gb|AAC63056.1|	312	326	408	9.72	1.27	17.34	10.8	0.77	9.72	0.71	10.1
4	gi|183012|gb|AAC63056.1|	313	327	409	4.28	0.05	14.76	7.95	0.57	4.28	1.22	9.41
4	gi|183012|gb|AAC63056.1|	314	328	410	4.22	0.04	18.76	9.02	0.5	4.22	1.68	9.73
4	gi|183012|gb|AAC63056.1|	315	329	411	4.28	0.02	23.58	11.67	0.5	4.28	1.78	10.2
4	gi|183012|gb|AAC63056.1|	316	330	412	6.11	0.02	30.99	14.65	0.87	6.11	3.8	11.4
4	gi|183012|gb|AAC63056.1|	317	331	413	13.97	0.05	40.93	16.78	1.7	13.97	3.47	23.15
4	gi|183012|gb|AAC63056.1|	318	332	414	15.14	0.18	36.97	15.14	3.01	32.32	7.85	15.78
4	gi|183012|gb|AAC63056.1|	319	333	415	18.91	1.34	18.91	9.97	22.64	45.36	12.09	23.91
4	gi|183012|gb|AAC63056.1|	320	334	416	15.91	15.15	18.91	5.47	22.64	38.1	12.47	15.91
4	gi|183012|gb|AAC63056.1|	321	335	417	16	15.15	16	4	22.64	27.81	19.06	15.7
4	gi|183012|gb|AAC63056.1|	322	336	418	16	15.15	16	3.82	22.64	23.66	20.44	15.91
4	gi|183012|gb|AAC63056.1|	323	337	419	16	15.15	16	4.19	22.64	25.36	24.54	15.91
4	gi|183012|gb|AAC63056.1|	324	338	420	15.91	15.15	16	5.61	22.64	33.64	15.47	15.91
4	gi|183012|gb|AAC63056.1|	337	351	421	15.27	67.8	3.84	17.42	13.64	32.3	11.35	15.27
4	gi|183012|gb|AAC63056.1|	338	352	422	11.83	66.32	4.9	14.22	11.83	19.46	10.68	2.86
4	gi|183012|gb|AAC63056.1|	339	353	423	10.98	47.88	5.73	13.49	10.98	13.52	10.49	2.68
4	gi|183012|gb|AAC63056.1|	340	354	424	14.22	47.69	8.04	14.22	10.6	15.14	22.5	2.89
4	gi|183012|gb|AAC63056.1|	341	355	425	11.08	11.08	10.71	2.87	12.8	18.11	36.07	3
4	gi|183012|gb|AAC63056.1|	342	356	426	15.13	10.47	22.53	2.88	15.13	26.7	45.73	8.39

Table 2

4	gi|183012|gb|AAC63056.1|	343	357	427	18.27	8.67	22.53	3.25	18.27	56.17	42.45	8.89
4	gi|183012|gb|AAC63056.1|	346	360	428	4.88	3.92	53.65	4.88	4.18	23.37	45.92	1.96
4	gi|183012|gb|AAC63056.1|	347	361	429	4.1	3.89	30.21	3.33	4.1	10.26	42.61	1.63
4	gi|183012|gb|AAC63056.1|	348	362	430	5.03	4.13	30.21	5.03	4.17	6.42	42.67	1.61
4	gi|183012|gb|AAC63056.1|	349	363	431	4.59	3.53	20.84	4.59	6.04	3.66	39.05	1.35
4	gi|183012|gb|AAC63056.1|	350	364	432	7.47	7.47	14.38	9.25	6.04	3.7	40.55	1.26
4	gi|183012|gb|AAC63056.1|	351	365	433	7.65	7.65	16.53	12.38	6.04	5.04	44.61	2.13
4	gi|183012|gb|AAC63056.1|	352	366	434	17.62	15.89	17.62	20.45	20.43	8.68	55.1	2.45
4	gi|183012|gb|AAC63056.1|	363	377	435	18.72	16.06	4.31	5.7	34.4	18.9	18.72	26.8
4	gi|183012|gb|AAC63056.1|	364	378	436	8.84	18.77	5.73	5.76	29.13	17.63	8.84	8.57
4	gi|183012|gb|AAC63056.1|	365	379	437	12.54	18.99	6.98	6.72	28.43	20.18	12.42	12.54
4	gi|183012|gb|AAC63056.1|	382	396	438	17.23	6.18	12.45	31.74	41.46	17.23	40.24	16.56
4	gi|183012|gb|AAC63056.1|	384	398	439	17.08	6.18	16.5	17.08	50.63	22.12	49.69	16.56
4	gi|183012|gb|AAC63056.1|	385	399	440	18.7	6.18	18.7	18.45	59.12	32.41	35.05	16.56
4	gi|183012|gb|AAC63056.1|	394	408	441	12.46	4.37	2.01	12.46	15.61	33.18	39	7.95
4	gi|183012|gb|AAC63056.1|	395	409	442	12.71	4.37	2.34	12.71	41.16	20.72	34.46	7.95
4	gi|183012|gb|AAC63056.1|	396	410	443	8.64	4.37	0.56	12.18	22.96	8.64	27.9	7.95
4	gi|183012|gb|AAC63056.1|	397	411	444	7.95	4.37	0.43	8.83	21.8	4.37	14.47	7.95
4	gi|183012|gb|AAC63056.1|	398	412	445	7.95	4.37	0.5	8.37	24.4	3.27	16.29	7.95
4	gi|183012|gb|AAC63056.1|	399	413	446	9.75	9.75	0.73	11.78	28.47	5.12	16.68	8.05
4	gi|183012|gb|AAC63056.1|	400	414	447	5.54	4.37	0.88	3.96	5.54	7.29	17.92	7.95
4	gi|183012|gb|AAC63056.1|	401	415	448	8.29	8.29	3.73	6.07	4.97	9.49	15.59	13.28
4	gi|183012|gb|AAC63056.1|	402	416	449	8.29	8.29	6.45	6.07	5.26	18.11	12.67	13.82
4	gi|183012|gb|AAC63056.1|	403	417	450	10.88	8.29	35.68	6.07	5.37	24.42	10.88	19.72
4	gi|183012|gb|AAC63056.1|	405	419	451	11.22	9.53	9.39	7.76	11.22	41.11	20.51	20.77
4	gi|183012|gb|AAC63056.1|	406	420	452	14.77	9.87	8.88	10.72	15.44	56.17	20.51	14.77
4	gi|183012|gb|AAC63056.1|	407	421	453	18.26	18.26	9.64	18.1	54.11	72.81	20.51	14.93
4	gi|183012|gb|AAC63056.1|	408	422	454	17.6	17.6	7.65	10.26	52.23	71.83	28.98	14.15
4	gi|183012|gb|AAC63056.1|	410	424	455	15.22	4.27	15.22	9.63	0.07	68.11	27.79	18.87
4	gi|183012|gb|AAC63056.1|	428	442	456	19.67	9.78	5.01	13.25	19.67	43.45	37.79	37.17
4	gi|183012|gb|AAC63056.1|	429	443	457	12.55	5.24	4.67	12.55	5.5	25.42	33.39	37.59
4	gi|183012|gb|AAC63056.1|	430	444	458	12.78	5.24	6.43	12.78	4.84	22.44	30.25	32.39
4	gi|183012|gb|AAC63056.1|	431	445	459	12.29	5.24	7.62	12.29	4.47	18.32	27.78	31.57
4	gi|183012|gb|AAC63056.1|	432	446	460	15.76	5.24	10.3	15.76	4.71	19.98	24.81	37.56
4	gi|183012|gb|AAC63056.1|	438	452	461	17.85	1.99	17.85	39.93	1.36	33.72	19.37	17.8
4	gi|183012|gb|AAC63056.1|	439	453	462	17.8	1.99	20.53	39.56	2.27	27.22	12.08	17.8
4	gi|183012|gb|AAC63056.1|	440	454	463	19.1	1.99	24.77	47.76	3.97	31.42	15.33	19.1
4	gi|183012|gb|AAC63056.1|	444	458	464	17.93	15.86	41.46	17.93	14.74	23.68	27.18	7.03
4	gi|183012|gb|AAC63056.1|	445	459	465	15.74	15.86	27.26	15.74	13.97	13.09	21.17	5.68
4	gi|183012|gb|AAC63056.1|	446	460	466	15.74	26.69	35.77	15.74	15.31	12.75	17.3	5.86
4	gi|183012|gb|AAC63056.1|	447	461	467	15.74	26.69	41.42	15.74	16.19	11.88	14.84	6.15
4	gi|183012|gb|AAC63056.1|	451	465	468	16.4	50.17	16.4	10.25	23.27	16.24	35.66	1.08
4	gi|183012|gb|AAC63056.1|	452	466	469	11.53	43.3	9.29	2.3	23.27	11.53	30.58	0.95
4	gi|183012|gb|AAC63056.1|	453	467	470	13.36	42.41	9.61	2.37	23.27	13.36	38.62	1
4	gi|183012|gb|AAC63056.1|	454	468	471	15.74	49.88	9.98	2.35	23.27	15.74	41.51	1
4	gi|183012|gb|AAC63056.1|	455	469	472	19.84	51.39	11.02	2.61	23.27	19.84	41.97	2.84
4	gi|183012|gb|AAC63056.1|	459	473	473	12.69	11.59	12.69	10.21	2.49	14.96	57.75	12.86
4	gi|183012|gb|AAC63056.1|	460	474	474	16.05	23.72	16.05	17.93	2.51	9.72	57.75	12.86

Table 2

4	gi|183012|gb|AAC63056.1|	461	475	475	12.71	23.72	12.71	17.93	2.2	5.92	57.75	9.9
4	gi|183012|gb|AAC63056.1|	462	476	476	11.78	23.72	11.78	17.93	2.08	5.12	57.75	8.62
4	gi|183012|gb|AAC63056.1|	463	477	477	16.1	23.72	16.1	17.93	3.65	8.47	59.35	12.65
4	gi|183012|gb|AAC63056.1|	469	483	478	14.15	0.99	22.29	14.15	75.22	47.79	9.74	4.69
4	gi|183012|gb|AAC63056.1|	470	484	479	14.35	0.99	25.25	14.35	49.46	42.31	8.45	4.69
4	gi|183012|gb|AAC63056.1|	471	485	480	14.64	0.99	27.06	14.64	49.46	38.12	6.97	5.85
4	gi|183012|gb|AAC63056.1|	483	497	481	12.51	8.58	56.82	11.76	4.03	53.41	19.14	12.51
4	gi|183012|gb|AAC63056.1|	484	498	482	12.69	8.25	54.79	11.37	3.45	41.57	19.14	12.69
4	gi|183012|gb|AAC63056.1|	485	499	483	17.66	8.34	52.82	11.24	3.06	33.34	19.14	17.66
4	gi|183012|gb|AAC63056.1|	486	500	484	17.77	8.3	52.62	10.45	2.83	33.03	19.14	17.77
4	gi|183012|gb|AAC63056.1|	490	504	485	19.86	19.86	39.83	7.43	52.24	63.76	17.7	3.84
4	gi|183012|gb|AAC63056.1|	491	505	486	17.7	8.97	36.71	7.14	58.16	39.56	17.7	2.49
4	gi|183012|gb|AAC63056.1|	492	506	487	17.7	1.75	36.71	6.41	58.39	28.1	17.7	2.5
4	gi|183012|gb|AAC63056.1|	493	507	488	16	1.75	36.71	5.54	58.27	16	17.7	2.38
4	gi|183012|gb|AAC63056.1|	494	508	489	17.19	1.75	36.71	5.82	61.68	17.19	17.7	2.52
4	gi|183012|gb|AAC63056.1|	495	509	490	14.28	1.75	14.28	11.01	56.57	15.8	17.7	3.78
4	gi|183012|gb|AAC63056.1|	496	510	491	14.2	1.75	14.2	11.19	65.71	20.99	17.11	6.98
4	gi|183012|gb|AAC63056.1|	497	511	492	11.83	1.75	10.67	21.09	8.63	32.95	43.34	11.83
4	gi|183012|gb|AAC63056.1|	507	521	493	18.39	10.25	51.79	35.46	4.42	18.39	26.72	17.18
4	gi|183012|gb|AAC63056.1|	512	526	494	11.11	5.69	6.09	21.79	11.1	46.54	50.44	11.11
4	gi|183012|gb|AAC63056.1|	513	527	495	10.94	5.24	6.5	10.94	11.25	27.31	42.27	4.34
4	gi|183012|gb|AAC63056.1|	514	528	496	9.35	5.24	4.65	10.14	9.35	16.78	45.68	4.34
4	gi|183012|gb|AAC63056.1|	515	529	497	9.87	5.24	5.84	9.94	9.87	14.53	48.72	4.34
4	gi|183012|gb|AAC63056.1|	516	530	498	6.98	5.24	6.91	6.98	14.48	15.94	41.73	4.34
4	gi|183012|gb|AAC63056.1|	517	531	499	14.52	14.52	9.33	8.01	19.92	21.23	57.55	6.58
4	gi|183012|gb|AAC63056.1|	518	532	500	14.01	14.01	10.37	7.35	23.79	29.34	70.12	11.63
5	gi|171846278|ref|NP_940980.3|	12	26	501	16.65	15.8	22.94	16.65	71.25	23.51	5.43	9.44
5	gi|171846278|ref|NP_940980.3|	13	27	502	14.96	14.96	27.1	8.11	71.25	19.01	3.82	9.44
5	gi|171846278|ref|NP_940980.3|	14	28	503	14.88	14.88	29.72	6.36	34.24	16.1	0.61	9.44
5	gi|171846278|ref|NP_940980.3|	15	29	504	9.44	5.36	29.72	7.41	24.94	13.69	1.24	9.44
5	gi|171846278|ref|NP_940980.3|	16	30	505	9.44	5.19	43.27	7.41	24.94	13.57	1.26	9.44
5	gi|171846278|ref|NP_940980.3|	17	31	506	10.54	5.17	51	10.54	24.94	14.44	4.01	9.44
5	gi|171846278|ref|NP_940980.3|	18	32	507	15.91	5	51	15.91	24.94	16.9	4.38	11.52
5	gi|171846278|ref|NP_940980.3|	29	43	508	13.4	10.79	41.36	13.4	15.69	66.65	1.43	12.23
5	gi|171846278|ref|NP_940980.3|	30	44	509	9.95	6.85	18.26	6.46	15.69	55.27	0.97	9.95
5	gi|171846278|ref|NP_940980.3|	31	45	510	9.95	4.12	19.01	5.98	19.94	47.65	0.99	9.95
5	gi|171846278|ref|NP_940980.3|	32	46	511	6.17	2.94	22.8	5.63	6.17	42.73	1.01	9.95
5	gi|171846278|ref|NP_940980.3|	33	47	512	5.73	4.28	27.49	5.73	5.68	40.84	0.97	9.95
5	gi|171846278|ref|NP_940980.3|	34	48	513	8.81	5.5	32.03	8.81	5.62	43.61	0.93	14.13
5	gi|171846278|ref|NP_940980.3|	35	49	514	13.95	6.25	38.01	13.95	5.74	50.6	1.9	21.13
5	gi|171846278|ref|NP_940980.3|	36	50	515	17.38	6.71	40.87	17.38	8.33	56.48	9.32	32.9
5	gi|171846278|ref|NP_940980.3|	37	51	516	10.82	6.71	7.09	2.34	11.76	32.61	51.07	10.82
5	gi|171846278|ref|NP_940980.3|	38	52	517	10.92	6.71	7.47	2.11	17.49	20.61	51.24	10.92
5	gi|171846278|ref|NP_940980.3|	39	53	518	8.98	8.98	7.06	1.98	36.52	9.63	46.5	4.69
5	gi|171846278|ref|NP_940980.3|	40	54	519	5.15	8.98	5.15	1.77	33.29	4.38	43.9	4.69
5	gi|171846278|ref|NP_940980.3|	41	55	520	4.69	8.98	1.59	1.67	12.95	2.53	42.88	4.69
5	gi|171846278|ref|NP_940980.3|	42	56	521	4.69	8.98	2.27	2.34	12.99	2.18	44.15	4.69
5	gi|171846278|ref|NP_940980.3|	43	57	522	4.8	8.98	4.03	4.8	14.68	4.74	55.79	4.69

Table 2

5	gi|171846278|ref|NP_940980.3|	44	58	523	16.29	18.81	7.64	27.95	16.29	10.53	38.3	4.69
5	gi|171846278|ref|NP_940980.3|	52	66	524	10.25	10.25	4.94	7.4	50.47	5.98	17.89	21.62
5	gi|171846278|ref|NP_940980.3|	53	67	525	11.25	11.25	6.64	9.68	35.42	9.08	16.93	21.62
5	gi|171846278|ref|NP_940980.3|	54	68	526	16.9	10.25	9.28	12.62	32.92	23.59	16.9	20.28
5	gi|171846278|ref|NP_940980.3|	58	72	527	12	8.81	20.48	5.78	33.69	63.5	5.75	12
5	gi|171846278|ref|NP_940980.3|	59	73	528	7.67	4.16	21.32	2.88	35.41	20.2	7.67	0.38
5	gi|171846278|ref|NP_940980.3|	60	74	529	0.69	0.13	12.93	0.69	0.47	2.95	6.21	0.38
5	gi|171846278|ref|NP_940980.3|	61	75	530	0.67	0.13	15.24	0.67	0.46	1.4	5.63	0.38
5	gi|171846278|ref|NP_940980.3|	62	76	531	0.67	0.13	19.21	0.67	0.5	1.01	4.77	0.38
5	gi|171846278|ref|NP_940980.3|	63	77	532	0.89	0.09	18.68	0.89	0.51	1.08	14.41	0.38
5	gi|171846278|ref|NP_940980.3|	64	78	533	1.56	0.13	22.72	1.91	1	1.56	14.4	0.38
5	gi|171846278|ref|NP_940980.3|	65	79	534	2.19	0.13	7.34	3.58	1.85	2.19	13.34	0.38
5	gi|171846278|ref|NP_940980.3|	66	80	535	3.57	0.13	7.62	9.31	3.09	3.57	9.61	2.05
5	gi|171846278|ref|NP_940980.3|	67	81	536	9.55	9.55	12.46	16.65	13.7	4.82	5.65	2.05
5	gi|171846278|ref|NP_940980.3|	68	82	537	10.14	10.14	14.37	19.64	12.48	3.73	2.8	2.05
5	gi|171846278|ref|NP_940980.3|	69	83	538	10.4	10.4	17.84	20.81	11.97	4.84	2.25	2.05
5	gi|171846278|ref|NP_940980.3|	70	84	539	9.72	10.22	9.72	23.36	16.84	5.48	2.52	5.66
5	gi|171846278|ref|NP_940980.3|	71	85	540	13.89	21.11	4.55	19.06	23.52	13.89	1.45	5.55
5	gi|171846278|ref|NP_940980.3|	74	88	541	16.28	10.87	7.75	19.64	36.25	53.5	3.78	16.28
5	gi|171846278|ref|NP_940980.3|	75	89	542	18.13	10.87	10.04	18.13	31.08	52.91	7.97	19.45
5	gi|171846278|ref|NP_940980.3|	76	90	543	17.56	10.87	13.28	17.56	29.17	57.66	9.32	24.57
5	gi|171846278|ref|NP_940980.3|	105	119	544	18.7	4.89	4.67	27.37	34.03	65.06	18.7	18.04
5	gi|171846278|ref|NP_940980.3|	106	120	545	16.54	10.25	6.94	22.81	37.37	54.4	16.54	14.7
5	gi|171846278|ref|NP_940980.3|	107	121	546	13.12	10.25	8.81	22.45	34.9	39.53	13.12	11.03
5	gi|171846278|ref|NP_940980.3|	108	122	547	10.25	10.25	8.08	11.71	39.38	29.2	1.67	8.34
5	gi|171846278|ref|NP_940980.3|	109	123	548	10.25	10.25	10.58	7.21	43.22	25.04	1.18	7.39
5	gi|171846278|ref|NP_940980.3|	110	124	549	10.25	10.25	13.61	4.41	46.2	24.1	1.28	8.11
5	gi|171846278|ref|NP_940980.3|	111	125	550	10.25	10.25	17.86	3.66	56.78	25.07	1.64	8.31
5	gi|171846278|ref|NP_940980.3|	112	126	551	10.25	10.25	28.25	1.86	16.33	19.07	0.6	6.21
5	gi|171846278|ref|NP_940980.3|	113	127	552	7.85	7.85	30.51	2.17	19.81	8.71	0.94	7.31
5	gi|171846278|ref|NP_940980.3|	114	128	553	7.99	8.84	12.17	2.33	20.37	5.88	1.06	7.99
5	gi|171846278|ref|NP_940980.3|	115	129	554	4.3	8.5	4.3	2.61	8.31	3.56	2.18	6.18
5	gi|171846278|ref|NP_940980.3|	116	130	555	5.22	9.41	5.22	2.61	8	3.51	2.57	6.1
5	gi|171846278|ref|NP_940980.3|	117	131	556	3.47	12.54	3.93	2.61	2.66	3.47	3.17	8.76
5	gi|171846278|ref|NP_940980.3|	118	132	557	5.53	7.22	5.53	6.3	2.5	4.44	5.1	8.45
5	gi|171846278|ref|NP_940980.3|	119	133	558	6.3	6.3	4.52	11.39	1.94	7.06	6.05	8.94
5	gi|171846278|ref|NP_940980.3|	120	134	559	6.8	6.4	4.67	19.61	1.9	7.14	6.8	13.52
5	gi|171846278|ref|NP_940980.3|	121	135	560	18.97	7.44	7.05	23.29	29.96	10.19	37.89	18.97
5	gi|171846278|ref|NP_940980.3|	125	139	561	17.07	2.46	17.07	12.98	63.05	25.74	17.8	3.89
5	gi|171846278|ref|NP_940980.3|	126	140	562	13.97	2.46	31.15	13.27	61.01	28.1	13.97	3.96
5	gi|171846278|ref|NP_940980.3|	127	141	563	6.82	2.46	6.82	5.22	64.17	22.74	7.56	3.44
5	gi|171846278|ref|NP_940980.3|	128	142	564	4.81	2.85	6.49	4.81	62.42	20.16	3.82	4.13
5	gi|171846278|ref|NP_940980.3|	129	143	565	4.46	2.46	6.64	4.46	59.89	21.6	2.4	3.99
5	gi|171846278|ref|NP_940980.3|	130	144	566	5.63	5.63	9.68	5.11	59.16	25.1	1.59	5.45
5	gi|171846278|ref|NP_940980.3|	131	145	567	5.63	5.63	14.44	5.2	50.87	24.49	1.48	5.51
5	gi|171846278|ref|NP_940980.3|	132	146	568	12.78	5.63	21.33	11.54	52.61	31.78	2.5	12.78
5	gi|171846278|ref|NP_940980.3|	133	147	569	8.97	5.63	27.91	8.97	54.21	33.3	3.14	4.01
5	gi|171846278|ref|NP_940980.3|	134	148	570	13.04	13.04	15.91	6.11	46.51	27.98	6	7.95

Table 2

5	gi|171846278|ref|NP_940980.3|	135	149	571	13.04	13.04	9.53	3.91	46.51	24.6	13.41	5.05
5	gi|171846278|ref|NP_940980.3|	136	150	572	7.97	1.97	7.97	3.45	46.51	20.41	20.52	5.05
5	gi|171846278|ref|NP_940980.3|	137	151	573	5.61	1.97	3.55	5.61	46.51	15.95	34.95	5.05
5	gi|171846278|ref|NP_940980.3|	138	152	574	5.61	1.97	4.12	5.61	44.82	16.74	33.38	5.05
5	gi|171846278|ref|NP_940980.3|	139	153	575	5.61	1.97	4.77	5.61	46.51	18.13	27.64	5.05
5	gi|171846278|ref|NP_940980.3|	140	154	576	14.24	1.97	7.65	10.41	46.51	26.95	21.08	14.24
5	gi|171846278|ref|NP_940980.3|	141	155	577	19.31	1.97	11.46	17.72	52.58	36.01	20.81	19.31
5	gi|171846278|ref|NP_940980.3|	154	168	578	15.42	10.92	37.51	15.42	19.54	54.19	7.36	2.92
5	gi|171846278|ref|NP_940980.3|	155	169	579	7.36	7.3	33.97	1.33	16.21	37.14	7.36	2.92
5	gi|171846278|ref|NP_940980.3|	156	170	580	2.92	1.3	21.11	1.21	0.22	15.11	7.36	2.92
5	gi|171846278|ref|NP_940980.3|	157	171	581	2.92	1.39	24.96	1.27	0.21	9.6	7.36	2.92
5	gi|171846278|ref|NP_940980.3|	158	172	582	2.92	1.38	5.27	0.78	0.22	4.98	7.36	2.92
5	gi|171846278|ref|NP_940980.3|	159	173	583	2.92	1.44	6.29	0.88	0.25	3.88	7.36	2.92
5	gi|171846278|ref|NP_940980.3|	160	174	584	2.92	1.54	8.37	1.85	0.5	5.65	18.87	2.92
5	gi|171846278|ref|NP_940980.3|	161	175	585	5.83	5.83	12.51	2.42	0.98	10.1	23.18	4.01
5	gi|171846278|ref|NP_940980.3|	162	176	586	6.95	6.25	17.07	6.95	1.74	20.02	24.77	6.18
5	gi|171846278|ref|NP_940980.3|	174	188	587	18.75	18.75	16.65	9.92	59.18	41.23	25.66	15.75
5	gi|171846278|ref|NP_940980.3|	175	189	588	18.76	18.75	18.76	11.6	56.76	41.07	21.14	18.3
5	gi|171846278|ref|NP_940980.3|	178	192	589	19.53	19.53	30.64	12.95	61.23	43.21	9.31	9.31
5	gi|171846278|ref|NP_940980.3|	193	207	590	15.91	10.24	2.46	26.92	5.9	34.52	76.54	15.91
5	gi|171846278|ref|NP_940980.3|	194	208	591	15.91	7.26	2.41	25.88	5.76	16.05	72.68	15.91
5	gi|171846278|ref|NP_940980.3|	195	209	592	9.52	5.07	2.57	23.45	5.76	9.52	71.84	15.91
5	gi|171846278|ref|NP_940980.3|	196	210	593	8.45	5.13	4.01	23.31	6.34	8.45	71.74	15.91
5	gi|171846278|ref|NP_940980.3|	197	211	594	11.4	9.35	5.82	23.64	9.22	11.4	57.29	15.91
5	gi|171846278|ref|NP_940980.3|	198	212	595	15.76	13.87	8.19	32.4	12.23	15.76	36.1	17.47
5	gi|171846278|ref|NP_940980.3|	199	213	596	12.23	13.04	10.19	5.18	12.23	24.84	26.66	2.68
5	gi|171846278|ref|NP_940980.3|	200	214	597	14.99	12.32	14.99	2.61	36.84	39.06	24.35	2.68
5	gi|171846278|ref|NP_940980.3|	201	215	598	14.44	1.4	14.44	2.61	27.76	33.72	21.67	2.68
5	gi|171846278|ref|NP_940980.3|	202	216	599	7.06	1.28	13.44	2.61	26.34	7.06	20.03	1.8
5	gi|171846278|ref|NP_940980.3|	203	217	600	4.21	1.28	14.99	2.61	7.45	4.21	11.8	1.41
5	gi|171846278|ref|NP_940980.3|	204	218	601	4.12	1.28	14.99	2.61	7.45	4.12	11.8	0.97
5	gi|171846278|ref|NP_940980.3|	205	219	602	4.93	1.28	14.99	2.61	7.45	4.93	11.8	0.72
5	gi|171846278|ref|NP_940980.3|	206	220	603	7.44	1.51	26.18	6.6	7.45	7.44	11.8	1.07
5	gi|171846278|ref|NP_940980.3|	207	221	604	9.17	3.68	32.34	9.17	7.45	13.17	18.74	1.59
5	gi|171846278|ref|NP_940980.3|	208	222	605	18.55	8.31	41.4	18.55	7.45	38.23	49.16	2.44
5	gi|171846278|ref|NP_940980.3|	217	231	606	12.22	4.78	27.37	10.92	28.3	46.45	8.69	12.22
5	gi|171846278|ref|NP_940980.3|	218	232	607	11.4	4.5	27.37	10.02	27.62	32.67	5.27	11.4
5	gi|171846278|ref|NP_940980.3|	219	233	608	10.71	4.01	27.37	8.21	30.08	24.22	4.97	10.71
5	gi|171846278|ref|NP_940980.3|	220	234	609	4.64	8.7	0.29	4.64	33.16	13.12	3.16	3.44
5	gi|171846278|ref|NP_940980.3|	221	235	610	4.81	10.29	0.4	4.81	36.64	11.13	2.64	3.44
5	gi|171846278|ref|NP_940980.3|	222	236	611	7.86	10.88	0.52	7.86	43.18	13.38	3.22	3.44
5	gi|171846278|ref|NP_940980.3|	223	237	612	7.01	11.95	0.83	7.01	38.91	15.17	3.56	3.44
5	gi|171846278|ref|NP_940980.3|	224	238	613	9.64	16.93	1.29	9.64	38.91	18.38	8.82	5.05
5	gi|171846278|ref|NP_940980.3|	225	239	614	13.82	17.35	2.14	13.82	38.91	23.67	11.06	7.64
5	gi|171846278|ref|NP_940980.3|	226	240	615	18.27	20	3.51	15.01	38.91	36.68	18.27	8.01
5	gi|171846278|ref|NP_940980.3|	238	252	616	17.14	3.93	24.57	9.17	35.05	17.14	57.31	13.28
5	gi|171846278|ref|NP_940980.3|	239	253	617	17.61	3.93	27.07	13.3	31.62	17.61	56.18	13.28
5	gi|171846278|ref|NP_940980.3|	246	260	618	10.08	7.76	32.94	10.08	1.29	10.58	11.26	0.55

Table 2

5	gi|171846278|ref|NP_940980.3|	247	261	619	9.69	7.21	36.71	13.14	1.12	9.69	11.26	0.55
5	gi|171846278|ref|NP_940980.3|	248	262	620	7.21	7.21	10.63	5.12	0.93	7.36	11.26	0.55
5	gi|171846278|ref|NP_940980.3|	249	263	621	7.21	7.21	13.57	5.12	0.9	7.29	9.82	1
5	gi|171846278|ref|NP_940980.3|	250	264	622	7.21	7.21	18.18	5.12	1.52	9.08	11.26	0.99
5	gi|171846278|ref|NP_940980.3|	251	265	623	7.21	7.21	25.57	3.75	2.75	11.45	11.26	2.62
5	gi|171846278|ref|NP_940980.3|	252	266	624	7.54	7.54	12.62	3.75	4.76	14.91	11.29	2.64
5	gi|171846278|ref|NP_940980.3|	253	267	625	14.93	11.58	14.93	10.66	30.3	21.71	22.99	6.05
5	gi|171846278|ref|NP_940980.3|	254	268	626	11.94	8.34	16.61	11.07	11.94	32.44	22.99	6.26
5	gi|171846278|ref|NP_940980.3|	269	283	627	17.24	10.72	21.61	7.44	17.24	31.82	24.36	10.51
5	gi|171846278|ref|NP_940980.3|	270	284	628	17.03	14.04	25.57	7.44	17.03	27.76	24.39	10.65
5	gi|171846278|ref|NP_940980.3|	271	285	629	17.31	17.31	24.32	4.96	16.25	25.28	22.05	10.32
5	gi|171846278|ref|NP_940980.3|	272	286	630	19.7	19.7	25.54	4.06	15.96	26.13	28.76	11.39
5	gi|171846278|ref|NP_940980.3|	273	287	631	17.95	11.33	19.47	2.54	17.95	29.31	28.76	10.01
5	gi|171846278|ref|NP_940980.3|	274	288	632	17.95	16.26	20.88	2.42	17.95	38.46	28.76	16.1
5	gi|171846278|ref|NP_940980.3|	275	289	633	17.95	16.42	27.19	2.48	17.95	51.75	28.76	17.18
5	gi|171846278|ref|NP_940980.3|	276	290	634	17.95	14.33	36.46	2.52	17.95	58.12	28.76	16.16
5	gi|171846278|ref|NP_940980.3|	280	294	635	7.65	0.75	35.1	7.35	6.9	24.41	7.65	7.7
5	gi|171846278|ref|NP_940980.3|	281	295	636	7.51	0.55	35.68	7.51	5.17	14.02	6.5	8.45
5	gi|171846278|ref|NP_940980.3|	282	296	637	4.57	0.52	4.35	9.98	4.57	11.29	4	12.48
5	gi|171846278|ref|NP_940980.3|	283	297	638	6.14	0.51	6.14	10.77	4.48	11.07	3.62	14.18
5	gi|171846278|ref|NP_940980.3|	284	298	639	13.86	0.52	7.97	15.08	5.6	13.86	14.81	19.5
5	gi|171846278|ref|NP_940980.3|	285	299	640	10.83	1.24	8.58	10.83	7.97	18.38	18.85	19.67
5	gi|171846278|ref|NP_940980.3|	286	300	641	12.43	2.41	12.43	12.02	10.76	34.03	22.87	19.11
5	gi|171846278|ref|NP_940980.3|	288	302	642	14.41	6.71	16.12	15.62	4.97	24	14.41	7.64
5	gi|171846278|ref|NP_940980.3|	289	303	643	8.6	6.71	36.13	19.81	4.76	19.28	6.46	8.6
5	gi|171846278|ref|NP_940980.3|	290	304	644	8.28	6.71	31.98	29.62	4.57	18.84	6.46	8.28
5	gi|171846278|ref|NP_940980.3|	291	305	645	8.33	6.71	35.46	30.1	4.62	19.52	6.46	8.33
5	gi|171846278|ref|NP_940980.3|	292	306	646	8.61	6.71	41.46	34.2	6.97	22.72	6.46	8.61
5	gi|171846278|ref|NP_940980.3|	293	307	647	16.14	6.71	47.37	25.12	10.31	27.2	6.46	16.14
5	gi|171846278|ref|NP_940980.3|	294	308	648	16.27	9.35	49.93	24.87	15.43	38.3	6.46	16.27
5	gi|171846278|ref|NP_940980.3|	302	316	649	12.02	8.18	9.51	19.25	4.84	53.1	23.71	12.02
5	gi|171846278|ref|NP_940980.3|	303	317	650	18.97	7.33	11	18.97	44.59	42.97	24.88	11.11
5	gi|171846278|ref|NP_940980.3|	304	318	651	12.78	6.49	8.32	12.78	40.93	30.44	15.98	10.13
5	gi|171846278|ref|NP_940980.3|	305	319	652	13.44	6.09	8.12	13.27	36.06	25.69	13.44	13.92
5	gi|171846278|ref|NP_940980.3|	306	320	653	11.82	5.29	10.63	11.82	42.16	27.18	11.83	11.73
5	gi|171846278|ref|NP_940980.3|	307	321	654	14.12	8.86	13.6	14.12	49.31	33.56	11.12	14.92
5	gi|171846278|ref|NP_940980.3|	308	322	655	17	11.17	17.95	14.82	53.67	49.59	11.31	17
5	gi|171846278|ref|NP_940980.3|	310	324	656	18.82	18.82	21.91	15.1	49.09	68.02	7.11	12.5
5	gi|171846278|ref|NP_940980.3|	311	325	657	18.55	17.32	21.71	18.55	40.85	63.39	8.68	15.21
5	gi|171846278|ref|NP_940980.3|	312	326	658	18.09	15.89	30.03	18.09	27.51	58.01	8.28	13.85
5	gi|171846278|ref|NP_940980.3|	313	327	659	19.44	15.89	36.44	19.44	27.51	53.22	6.75	14.62
5	gi|171846278|ref|NP_940980.3|	318	332	660	18.43	15.89	64.91	16.23	27.51	57.12	4.91	18.43
5	gi|171846278|ref|NP_940980.3|	319	333	661	17.02	13.8	76.02	17.02	50.89	51.92	4.72	16.53
5	gi|171846278|ref|NP_940980.3|	343	357	662	19.48	15.89	24.25	28.47	16.9	19.48	55.11	3.58
5	gi|171846278|ref|NP_940980.3|	344	358	663	16.54	13.72	27.7	21.29	16.54	15.18	44.07	3.5
5	gi|171846278|ref|NP_940980.3|	345	359	664	17.15	13.72	29.62	21.29	17.15	13.09	40.93	3.53
5	gi|171846278|ref|NP_940980.3|	347	361	665	18.81	13.72	20.98	18.81	35.22	10.5	37.16	3.49
5	gi|171846278|ref|NP_940980.3|	348	362	666	18.09	16.37	23.54	18.09	35.57	5.02	37.16	0.42

Table 2

5	gi|171846278|ref|NP_940980.3|	351	365	667	18.55	11.88	30.34	18.55	56.05	4.76	37.16	0.23
5	gi|171846278|ref|NP_940980.3|	352	366	668	17.5	8.35	24.65	17.5	30.32	5	37.16	0.28
5	gi|171846278|ref|NP_940980.3|	353	367	669	18.55	6.01	26.79	18.55	30.32	8.85	37.16	0.7
5	gi|171846278|ref|NP_940980.3|	354	368	670	19.99	4.39	30.21	19.99	30.32	23.83	12.05	0.99
5	gi|171846278|ref|NP_940980.3|	366	380	671	17.69	13.72	26.26	17.69	15.54	33.87	35.1	15.68
5	gi|171846278|ref|NP_940980.3|	367	381	672	15.85	13.72	37.04	15.23	15.65	27.52	36.92	15.85
5	gi|171846278|ref|NP_940980.3|	368	382	673	16.43	13.72	38.25	16.43	16.01	27.14	22.97	13.74
5	gi|171846278|ref|NP_940980.3|	369	383	674	17.86	13.72	38.25	17.9	16.48	27.07	11.57	17.86
5	gi|171846278|ref|NP_940980.3|	370	384	675	19.3	13.72	38.25	10.98	22.3	28.29	4.53	19.3
5	gi|171846278|ref|NP_940980.3|	371	385	676	14.95	13.72	30.81	1.12	33.05	18.37	3.2	14.95
5	gi|171846278|ref|NP_940980.3|	372	386	677	9.97	8.34	26.78	0.68	35.15	14.45	3.36	9.97
5	gi|171846278|ref|NP_940980.3|	373	387	678	8.34	8.34	29.25	0.51	35.15	10.03	2.59	7.46
5	gi|171846278|ref|NP_940980.3|	374	388	679	5.07	8.34	5.07	0.51	10.03	4.98	1.99	7.46
5	gi|171846278|ref|NP_940980.3|	375	389	680	6.41	8.34	6.41	0.51	10.36	4.64	3.98	7.46
5	gi|171846278|ref|NP_940980.3|	376	390	681	7.46	8.34	7.81	0.74	9.13	6.25	6.04	7.46
5	gi|171846278|ref|NP_940980.3|	377	391	682	9.21	8.34	9.99	7.21	9.21	10.23	17.99	7.46
5	gi|171846278|ref|NP_940980.3|	378	392	683	15.72	8.34	14.73	19.17	15.72	28.7	38.85	7.46
5	gi|171846278|ref|NP_940980.3|	395	409	684	17.27	3.5	43.52	9.37	54.73	45.85	8.18	17.27
5	gi|171846278|ref|NP_940980.3|	396	410	685	13.06	3.62	53.83	9.02	13.06	45.84	7.67	14.88
5	gi|171846278|ref|NP_940980.3|	397	411	686	13.06	3.63	41.4	8.69	13.06	44.48	3.63	14.19
5	gi|171846278|ref|NP_940980.3|	398	412	687	10.73	3.54	30.69	10.73	13.06	37.67	3.87	3.19
5	gi|171846278|ref|NP_940980.3|	399	413	688	10.34	2.37	30.69	10.34	13.06	30.09	3.76	3.19
5	gi|171846278|ref|NP_940980.3|	400	414	689	5.01	3.28	0.74	5.01	13.06	13.62	7.67	3.19
5	gi|171846278|ref|NP_940980.3|	401	415	690	4.88	1.67	0.63	4.88	13.06	6.67	7.67	3.19
5	gi|171846278|ref|NP_940980.3|	402	416	691	5.82	1.67	0.81	5.82	13.06	6.17	7.67	3.19
5	gi|171846278|ref|NP_940980.3|	403	417	692	6.83	1.67	1.02	5.86	33.49	6.83	16.05	13.66
5	gi|171846278|ref|NP_940980.3|	404	418	693	12.68	1.93	1.41	7.8	33.49	12.68	29.63	13.66
5	gi|171846278|ref|NP_940980.3|	405	419	694	17.98	2.33	1.9	17.98	33.49	26.69	29.63	13.66
5	gi|171846278|ref|NP_940980.3|	408	422	695	17.32	15.72	2.07	17.32	33.49	26.03	29.63	10.67
5	gi|171846278|ref|NP_940980.3|	409	423	696	10.25	10.25	1.14	14.4	16.26	3.48	27.06	5.42
5	gi|171846278|ref|NP_940980.3|	410	424	697	10.25	10.25	1.38	14.3	14.53	0.86	23.44	5.42
5	gi|171846278|ref|NP_940980.3|	411	425	698	10.25	10.25	1.17	14.23	12	0.27	20.19	5.42
5	gi|171846278|ref|NP_940980.3|	412	426	699	10.01	10.25	1.24	17.88	10.01	0.15	33.27	5.28
5	gi|171846278|ref|NP_940980.3|	413	427	700	10.25	10.25	2.07	20.67	17.62	0.52	50.92	5.42
5	gi|171846278|ref|NP_940980.3|	414	428	701	10.25	10.25	2.63	35.03	28.51	1.43	56.34	5.42
5	gi|171846278|ref|NP_940980.3|	420	434	702	15.32	10.22	67.75	18.64	15.32	17.8	4.05	12.23
5	gi|171846278|ref|NP_940980.3|	421	435	703	10.22	10.22	53.65	21.8	15.32	8.66	3.47	9.72
5	gi|171846278|ref|NP_940980.3|	422	436	704	10.22	10.22	53.65	20.67	15.32	5.29	3.61	7.04
5	gi|171846278|ref|NP_940980.3|	423	437	705	15.32	10.22	37.22	18.64	15.32	4.82	15.83	7.36
5	gi|171846278|ref|NP_940980.3|	424	438	706	11.5	4.6	37.22	11.5	15.32	5.6	18.94	11.11
5	gi|171846278|ref|NP_940980.3|	425	439	707	12.23	6.32	37.22	12.02	15.32	7.45	17.23	12.23
5	gi|171846278|ref|NP_940980.3|	426	440	708	8.51	8.51	37.22	8.83	15.32	7.18	7.06	2.44
5	gi|171846278|ref|NP_940980.3|	427	441	709	3.83	12.48	24.98	2.35	55.78	3.83	2.63	2.44
5	gi|171846278|ref|NP_940980.3|	428	442	710	2.82	26.72	26.01	2.35	59.51	2.82	2.43	2.44
5	gi|171846278|ref|NP_940980.3|	429	443	711	2.24	4.01	1.81	1	39.73	0.65	2.28	2.24
5	gi|171846278|ref|NP_940980.3|	430	444	712	2.03	4.01	1.81	0.95	40.16	0.52	2.03	2.24
5	gi|171846278|ref|NP_940980.3|	431	445	713	1.86	5.13	1.81	0.58	38.62	0.54	1.86	2.24
5	gi|171846278|ref|NP_940980.3|	432	446	714	1.81	5.13	1.81	0.48	36.68	0.81	1.28	2.24

Table 2

5	gi|171846278|ref|NP_940980.3|	433	447	715	1.88	5.17	1.81	0.55	51.91	1.88	1.38	2.24
5	gi|171846278|ref|NP_940980.3|	434	448	716	5.33	5.17	1.81	1	59.65	5.74	5.33	5.95
5	gi|171846278|ref|NP_940980.3|	435	449	717	4.66	2.46	1.81	1.69	17.48	18.17	4.66	6.33
5	gi|171846278|ref|NP_940980.3|	437	451	718	14.88	2.46	37.82	27.76	14.88	20.16	1.14	8.12
5	gi|171846278|ref|NP_940980.3|	438	452	719	14.24	2.46	63.67	27.39	14.24	18.25	0.98	8.13
5	gi|171846278|ref|NP_940980.3|	439	453	720	10.52	2.46	15.61	10.52	16.83	17.59	0.98	6.51
5	gi|171846278|ref|NP_940980.3|	440	454	721	8.92	4.72	14.27	8.92	20.45	20.26	1.16	5.81
5	gi|171846278|ref|NP_940980.3|	441	455	722	8.56	4.76	16.57	8.56	25.01	26.58	1.11	6.06
5	gi|171846278|ref|NP_940980.3|	442	456	723	15.91	15.91	21.36	9.75	30.77	32.92	1.82	10.1
5	gi|171846278|ref|NP_940980.3|	443	457	724	11.65	11.65	26.79	10.85	30.77	38.23	2.74	10.08
5	gi|171846278|ref|NP_940980.3|	444	458	725	13.16	12.33	22.25	12.18	30.77	43.52	3.33	13.16
5	gi|171846278|ref|NP_940980.3|	445	459	726	18.74	16.02	23.79	12.18	30.77	46.18	7.54	18.74
5	gi|171846278|ref|NP_940980.3|	446	460	727	19.77	13.43	34.23	15.75	30.77	56.3	9.54	19.77
5	gi|171846278|ref|NP_940980.3|	472	486	728	20	20	41.4	18.55	0.18	60.93	51.2	14.67
5	gi|171846278|ref|NP_940980.3|	473	487	729	10.88	1.42	12.76	10.88	0.13	32.64	8.07	14.67
5	gi|171846278|ref|NP_940980.3|	474	488	730	7.29	1.42	10.15	8.57	0.36	16.56	7.29	3.79
5	gi|171846278|ref|NP_940980.3|	475	489	731	7.11	1.42	11.84	8.73	0.36	12.75	7.11	3.78
5	gi|171846278|ref|NP_940980.3|	476	490	732	8.06	1.42	12.76	10.6	8.01	10.98	8.06	3.84
5	gi|171846278|ref|NP_940980.3|	477	491	733	8.01	1.42	12.76	10.92	8.01	13.52	7.65	3.84
5	gi|171846278|ref|NP_940980.3|	478	492	734	11.01	3.89	12.76	12.96	11.01	21.45	9.62	4
5	gi|171846278|ref|NP_940980.3|	479	493	735	11.01	3.97	12.76	20.12	11.01	29.76	8.48	4.49
5	gi|171846278|ref|NP_940980.3|	480	494	736	19.24	19.24	27.37	17.26	40.61	33.99	15.76	4.72
5	gi|171846278|ref|NP_940980.3|	481	495	737	16.44	14.48	29.72	16.44	40.61	32.53	15.76	6.18
5	gi|171846278|ref|NP_940980.3|	482	496	738	15.76	13.92	29.72	13.23	40.61	30.09	15.76	6.18
5	gi|171846278|ref|NP_940980.3|	483	497	739	15.59	12.55	29.72	11.37	40.61	29.97	15.59	7.18
5	gi|171846278|ref|NP_940980.3|	484	498	740	14.88	12.86	23.93	11.4	40.61	27.7	14.88	10.12
5	gi|171846278|ref|NP_940980.3|	485	499	741	15.76	10.75	28.65	14.24	40.61	30.53	15.76	11.89
5	gi|171846278|ref|NP_940980.3|	486	500	742	13.22	10.9	4.92	13.22	9	26.76	15.76	14.25
5	gi|171846278|ref|NP_940980.3|	487	501	743	15.98	12.78	5.22	23.95	8.84	24.81	19.5	15.98
5	gi|171846278|ref|NP_940980.3|	488	502	744	16.23	9.23	4.07	26.54	8.2	20.23	19.5	16.23
5	gi|171846278|ref|NP_940980.3|	489	503	745	19.5	11	4.83	30.88	8.53	24.17	19.5	25.57
5	gi|171846278|ref|NP_940980.3|	494	508	746	12.33	12.33	51.8	20.54	12.3	26.19	9.51	6.18
5	gi|171846278|ref|NP_940980.3|	495	509	747	12.3	12.33	15.77	18.83	10.25	12.3	5.47	6.18
5	gi|171846278|ref|NP_940980.3|	496	510	748	8.63	12.33	14.34	8.63	9.75	6.73	1.91	4.34
5	gi|171846278|ref|NP_940980.3|	497	511	749	8.26	12.04	14.34	8.26	8.78	3.96	1.59	4.34
5	gi|171846278|ref|NP_940980.3|	498	512	750	8.21	9.2	14.34	8.21	12.24	3.35	2.31	4.34
5	gi|171846278|ref|NP_940980.3|	499	513	751	4.09	4.47	8.5	1.26	12.25	4.09	2.12	2.97
5	gi|171846278|ref|NP_940980.3|	500	514	752	7.35	7.66	9.71	1.26	14.07	7.35	2.15	2.94
5	gi|171846278|ref|NP_940980.3|	501	515	753	9.71	12.95	9.71	1.26	25.22	14.72	3.08	5.02
5	gi|171846278|ref|NP_940980.3|	502	516	754	9.71	15.99	9.71	1.26	26.54	33.26	3.08	4.63
5	gi|171846278|ref|NP_940980.3|	503	517	755	9.71	19.19	9.71	1.26	33.38	41.61	4.5	3.32
5	gi|171846278|ref|NP_940980.3|	504	518	756	9.71	21.49	9.71	2.28	43.35	36.58	6.58	4.51
5	gi|171846278|ref|NP_940980.3|	505	519	757	9.71	21.33	9.71	2.33	49.35	39.96	6.8	4.54
5	gi|171846278|ref|NP_940980.3|	506	520	758	15.17	13.1	26.8	8.03	61.52	39.76	15.17	5.12
5	gi|171846278|ref|NP_940980.3|	524	538	759	7.72	8.96	5.08	12.21	9.99	7.72	6.38	1.44
5	gi|171846278|ref|NP_940980.3|	525	539	760	8.07	8.07	6.26	15.23	9.99	8.83	6.01	1.98
5	gi|171846278|ref|NP_940980.3|	526	540	761	8.18	6.42	8.18	15.31	9.99	14.44	4.66	2.44
5	gi|171846278|ref|NP_940980.3|	527	541	762	11.84	5.74	11.84	16.61	11.9	30.55	4.05	9.5

Table 2

5	gi|171846278|ref|NP_940980.3|	528	542	763	11.19	9.83	16.5	16.32	11.19	38.58	4.01	10.48
5	gi|171846278|ref|NP_940980.3|	532	546	764	8.42	3.5	27.79	33.72	0.03	6.13	13.93	8.42
5	gi|171846278|ref|NP_940980.3|	533	547	765	11.26	1.56	11.26	31.15	0.02	2.09	23.14	18.44
5	gi|171846278|ref|NP_940980.3|	534	548	766	13.73	1.02	13.73	32.59	0.02	1.48	20.24	18.44
5	gi|171846278|ref|NP_940980.3|	535	549	767	17.33	0.84	17.33	32.59	0.03	1.5	19.74	18.44
5	gi|171846278|ref|NP_940980.3|	536	550	768	2.19	1.7	7.82	11.6	0.09	2.19	0.93	9.44
5	gi|171846278|ref|NP_940980.3|	537	551	769	4.19	3.58	8.78	7.65	0.24	4.19	0.88	9.44
5	gi|171846278|ref|NP_940980.3|	538	552	770	7.47	6.07	8.8	7.47	0.57	12.44	0.87	9.44
5	gi|171846278|ref|NP_940980.3|	539	553	771	5.66	1.28	7.82	5.66	7.91	11.97	0.49	2.05
5	gi|171846278|ref|NP_940980.3|	540	554	772	2.81	0.86	2.81	3.74	7.91	6.01	0.49	2.05
5	gi|171846278|ref|NP_940980.3|	541	555	773	4.25	0.94	4.48	4.25	7.91	5.03	0.91	2.05
5	gi|171846278|ref|NP_940980.3|	542	556	774	4.51	0.93	6.26	4.51	7.91	4.64	1.01	2.05
5	gi|171846278|ref|NP_940980.3|	543	557	775	6.32	0.98	9.16	5.2	12.37	6.32	13.99	2.05
5	gi|171846278|ref|NP_940980.3|	544	558	776	10.44	1.99	12.4	1.52	15.34	10.44	22.2	2.05
5	gi|171846278|ref|NP_940980.3|	545	559	777	14.8	4.05	14.8	1.55	19.6	22.41	30.49	5.02
5	gi|171846278|ref|NP_940980.3|	546	560	778	19.85	9.28	19.85	1.71	34.43	25.94	30.49	7.03
5	gi|171846278|ref|NP_940980.3|	547	561	779	8.07	8.07	32.86	1.64	19.03	7.72	48.15	1.4
5	gi|171846278|ref|NP_940980.3|	548	562	780	15.89	15.89	37.47	1.77	17.86	4.1	52.76	1.4
5	gi|171846278|ref|NP_940980.3|	549	563	781	15.89	15.89	43.01	5.62	19.49	4.15	56.16	1.4
5	gi|171846278|ref|NP_940980.3|	550	564	782	15.89	15.89	45.94	7.32	17.82	3.52	49.78	1.4
5	gi|171846278|ref|NP_940980.3|	558	572	783	8.01	41.1	8.01	2.88	51.49	28.57	5.97	1.59
5	gi|171846278|ref|NP_940980.3|	559	573	784	7.38	14.64	7.38	2.88	21.15	19.18	5.01	1.55
5	gi|171846278|ref|NP_940980.3|	560	574	785	7.76	6.18	10.09	2.88	17.92	17.72	7.76	1.58
5	gi|171846278|ref|NP_940980.3|	561	575	786	2.88	6.18	10.4	2.88	0.39	19.25	2.52	1.6
5	gi|171846278|ref|NP_940980.3|	562	576	787	2.88	6.18	13.04	2.88	0.39	23.48	2.5	1.69
5	gi|171846278|ref|NP_940980.3|	563	577	788	5.72	6.18	13.07	4.99	0.38	25.94	5.72	4.5
5	gi|171846278|ref|NP_940980.3|	564	578	789	6.18	6.18	13.07	5.86	1.45	33.74	6.4	4.49
5	gi|171846278|ref|NP_940980.3|	565	579	790	13.93	6.18	18.15	20.47	2.39	37.44	13.88	13.93
5	gi|171846278|ref|NP_940980.3|	566	580	791	14.7	6.18	24.3	16.25	0.09	33.9	14.27	14.7
5	gi|171846278|ref|NP_940980.3|	567	581	792	15.91	7.21	23.36	15.91	0.09	33.64	19.78	14.52
5	gi|171846278|ref|NP_940980.3|	568	582	793	17.35	7.21	42.5	17.35	16.19	34.29	20.5	14.93
5	gi|171846278|ref|NP_940980.3|	574	588	794	17.18	7.21	67.39	19.89	10.85	48.17	5.84	17.18
5	gi|171846278|ref|NP_940980.3|	575	589	795	17.18	7.21	63.22	24.34	10.85	33.03	6.37	17.18
5	gi|171846278|ref|NP_940980.3|	576	590	796	17.18	7.21	45.54	25.69	10.85	24.93	5.15	17.18
5	gi|171846278|ref|NP_940980.3|	577	591	797	17.18	7.21	49.2	29.61	10.85	25.06	4.99	17.18
5	gi|171846278|ref|NP_940980.3|	578	592	798	18.61	7.21	53.09	38.99	10.85	29.9	16.95	18.61
5	gi|171846278|ref|NP_940980.3|	599	613	799	15.89	2.95	27.12	15.89	47.17	65.46	2.45	14.03
5	gi|171846278|ref|NP_940980.3|	600	614	800	9.9	2.95	26.01	7.57	33.11	61.18	3.87	9.9
5	gi|171846278|ref|NP_940980.3|	601	615	801	9.44	2.95	26.01	5.84	33.11	64.88	4.34	9.44
5	gi|171846278|ref|NP_940980.3|	602	616	802	9.43	2.95	26.01	5.7	33.11	66.34	7.12	9.43
5	gi|171846278|ref|NP_940980.3|	604	618	803	13.65	7.59	26.01	4.69	33.11	33.3	13.65	6.6
5	gi|171846278|ref|NP_940980.3|	605	619	804	11.7	7.34	26.01	4.12	33.11	21.44	11.7	6.6
5	gi|171846278|ref|NP_940980.3|	606	620	805	6.11	3.99	6.11	2.58	11.43	8.04	11.23	1.69
5	gi|171846278|ref|NP_940980.3|	607	621	806	4.22	3.99	5.07	2.74	9.9	4.22	12.11	1.69
5	gi|171846278|ref|NP_940980.3|	608	622	807	4.51	3.99	8.44	3.51	10.9	4.51	9.35	1.69
5	gi|171846278|ref|NP_940980.3|	609	623	808	5.23	3.99	11.77	4.44	11.44	5.23	13.41	1.69
5	gi|171846278|ref|NP_940980.3|	610	624	809	8.22	3.99	16.6	7.02	15.05	8.22	14.69	1.69
5	gi|171846278|ref|NP_940980.3|	611	625	810	13.76	3.99	17.78	7.02	15.05	13.76	27.42	2.55

Table 2

5	gi|171846278|ref|NP_940980.3|	612	626	811	11.75	4.47	11.75	8.28	15.05	28.58	28.04	5.72
5	gi|171846278|ref|NP_940980.3|	613	627	812	12.92	11.53	12.92	8.61	15.05	42.65	27.38	8.9
5	gi|171846278|ref|NP_940980.3|	614	628	813	11.53	11.53	10.37	9.01	40.62	31.86	24.87	10.32
5	gi|171846278|ref|NP_940980.3|	615	629	814	14.17	11.53	14.17	8.83	39.94	23.2	27.75	9.4
5	gi|171846278|ref|NP_940980.3|	616	630	815	14.66	11.53	14.66	9.11	36.07	17.83	48.63	9.28
5	gi|171846278|ref|NP_940980.3|	617	631	816	14.66	11.53	14.66	10.41	34.84	16.28	38.41	4.87
5	gi|171846278|ref|NP_940980.3|	618	632	817	14.66	11.53	14.66	7.45	50.57	19.7	42.61	4.81
5	gi|171846278|ref|NP_940980.3|	619	633	818	14.66	11.53	14.66	9.11	61.4	25.42	20.46	6.31
5	gi|171846278|ref|NP_940980.3|	621	635	819	13.05	13.05	4.14	12.95	62.01	39.93	13.72	12.23
5	gi|171846278|ref|NP_940980.3|	622	636	820	12.95	12.34	4.14	12.95	62.01	31.4	13.05	12.86
5	gi|171846278|ref|NP_940980.3|	623	637	821	11.34	11.34	4.14	6.86	60.95	15.76	11.64	8.38
5	gi|171846278|ref|NP_940980.3|	624	638	822	5	2.2	4.14	3.35	7.81	8.65	11.44	5
5	gi|171846278|ref|NP_940980.3|	625	639	823	4.14	2.2	4.14	2.34	7.01	6.04	14	0.78
5	gi|171846278|ref|NP_940980.3|	626	640	824	4.14	2.2	4.14	2.16	5.79	7.23	15.36	0.78
5	gi|171846278|ref|NP_940980.3|	627	641	825	4.14	2.2	4.14	3.35	5.03	8.03	13.72	0.78
5	gi|171846278|ref|NP_940980.3|	628	642	826	6.66	2.2	20.4	6.41	6.66	9.92	20.69	0.78
5	gi|171846278|ref|NP_940980.3|	629	643	827	8.86	2.2	22.11	7.47	8.86	15.14	22.32	0.78
5	gi|171846278|ref|NP_940980.3|	630	644	828	8.13	3.11	26.91	8.13	3.82	21.22	23.18	1.45
5	gi|171846278|ref|NP_940980.3|	631	645	829	15	5.59	39.53	15	5.85	21.51	33.85	1.55
5	gi|171846278|ref|NP_940980.3|	632	646	830	19.17	8.59	34.93	19.17	6.04	21.09	26.25	7.7
5	gi|171846278|ref|NP_940980.3|	633	647	831	18.81	8.62	40.51	22.22	6.53	18.81	25.61	7.34
5	gi|171846278|ref|NP_940980.3|	643	657	832	14.19	13.72	13.18	16.43	50.26	14.71	14.19	0.01
5	gi|171846278|ref|NP_940980.3|	644	658	833	11.98	13.72	11.49	16.43	30.45	7.47	11.98	0.01
5	gi|171846278|ref|NP_940980.3|	645	659	834	13.72	13.72	13.5	17.04	30.45	6.37	15.36	0.01
5	gi|171846278|ref|NP_940980.3|	646	660	835	5.23	2.71	14.57	2.88	30.45	5.23	15.36	0.01
5	gi|171846278|ref|NP_940980.3|	647	661	836	6.05	2.71	17.21	2.88	30.45	6.05	7.15	0.01
5	gi|171846278|ref|NP_940980.3|	648	662	837	7.39	2.71	13.38	2.88	30.45	8.74	7.39	0.01
5	gi|171846278|ref|NP_940980.3|	649	663	838	4.09	2.71	11.42	1.95	30.45	9.7	4.09	0.01
5	gi|171846278|ref|NP_940980.3|	650	664	839	2.95	2.71	8.53	1.55	30.45	2.95	4.09	0.43
5	gi|171846278|ref|NP_940980.3|	651	665	840	3.75	3.75	6.69	1.71	55.27	1.03	4.09	0.43
5	gi|171846278|ref|NP_940980.3|	652	666	841	1.64	2.71	1.31	1.64	30.52	0.5	4.09	0.43
5	gi|171846278|ref|NP_940980.3|	653	667	842	2.18	2.93	1.36	2.18	27.76	0.36	4.09	0.43
5	gi|171846278|ref|NP_940980.3|	654	668	843	2.68	2.93	2.07	2.68	28.34	0.5	10.88	0.43
5	gi|171846278|ref|NP_940980.3|	655	669	844	2.93	2.93	2.75	7.41	29.43	0.88	11.38	0.43
5	gi|171846278|ref|NP_940980.3|	656	670	845	3.73	2.93	3.73	7.41	41.09	2.37	11.57	0.43
5	gi|171846278|ref|NP_940980.3|	657	671	846	11.57	13.43	9.97	17.19	22.8	4.28	11.57	8.92
5	gi|171846278|ref|NP_940980.3|	658	672	847	12.04	19.36	12.04	18.41	22.8	9.16	11.57	8.92
5	gi|171846278|ref|NP_940980.3|	659	673	848	8.34	8.34	2.51	5.54	22.8	8.36	11.57	6.18
5	gi|171846278|ref|NP_940980.3|	660	674	849	7.7	7.72	2.67	5.14	22.8	7.7	11.57	6.18
5	gi|171846278|ref|NP_940980.3|	661	675	850	7.72	7.72	1.78	5.39	22.8	8.41	9.54	6.18
5	gi|171846278|ref|NP_940980.3|	662	676	851	6.87	7.72	2.24	5.09	22.8	11.77	6.87	6.18
5	gi|171846278|ref|NP_940980.3|	663	677	852	7.44	7.44	3.29	5.34	20.97	16.72	7.43	8.67
5	gi|171846278|ref|NP_940980.3|	664	678	853	13.43	7.72	4.74	13.43	22.76	18.56	11.92	14.45
5	gi|171846278|ref|NP_940980.3|	665	679	854	14.76	7.72	6.68	14.76	23.08	25.71	16.25	12.09
5	gi|171846278|ref|NP_940980.3|	667	681	855	12.71	4.61	17.69	12	30.08	43.75	8.14	12.71
5	gi|171846278|ref|NP_940980.3|	668	682	856	13.11	10.94	38.61	11.32	32.81	45.8	5.44	13.11
5	gi|171846278|ref|NP_940980.3|	669	683	857	9.52	9.52	9.2	5.37	29.28	22.63	3.39	10.06
5	gi|171846278|ref|NP_940980.3|	670	684	858	1.79	8.79	0.83	1.21	32.81	2.99	1.79	1.69

Table 2

5	gi|171846278|ref|NP_940980.3|	671	685	859	1.54	6.14	1.08	1.23	38.03	1.54	1.22	1.69
5	gi|171846278|ref|NP_940980.3|	672	686	860	1.64	8.93	1.64	1.37	40.84	1.08	1.38	1.69
5	gi|171846278|ref|NP_940980.3|	673	687	861	2.63	8.37	2.63	1.39	46.81	0.86	3.42	1.69
5	gi|171846278|ref|NP_940980.3|	674	688	862	6.54	10.19	4.16	6.54	54.56	1.74	13.81	1.69
5	gi|171846278|ref|NP_940980.3|	675	689	863	6.96	11.37	6.71	6.96	60.36	4.92	15.18	1.69
5	gi|171846278|ref|NP_940980.3|	676	690	864	15.12	15.12	12.91	9.74	66.18	27.52	21.21	1.69
5	gi|171846278|ref|NP_940980.3|	699	713	865	17.18	2.09	20.62	15.33	6.08	31.66	46.39	17.18
5	gi|171846278|ref|NP_940980.3|	701	715	866	13.88	5.41	32.36	13.88	6.94	17.14	41.8	8.92
5	gi|171846278|ref|NP_940980.3|	702	716	867	12.3	7.21	35.97	11.98	24.52	12.3	17.68	8.92
5	gi|171846278|ref|NP_940980.3|	703	717	868	14.15	8.98	43.67	14.15	47.74	11.62	17.35	8.92
5	gi|171846278|ref|NP_940980.3|	704	718	869	14.54	8.98	50.11	21.02	44.25	13.72	14.54	8.92
5	gi|171846278|ref|NP_940980.3|	705	719	870	15.67	8.98	51.91	23.1	50.29	15.67	11.24	8.92
5	gi|171846278|ref|NP_940980.3|	706	720	871	15.62	8.98	68.24	37.91	54.73	15.62	11.21	15.43
5	gi|171846278|ref|NP_940980.3|	721	735	872	16.75	8.34	73.95	11.28	12.75	79.48	16.75	23.05
5	gi|171846278|ref|NP_940980.3|	722	736	873	17.08	8.34	70.48	12.87	18.8	74.61	10.88	17.08
5	gi|171846278|ref|NP_940980.3|	723	737	874	17.46	8.34	74.67	13.33	24.51	61.15	13.15	17.46
5	gi|171846278|ref|NP_940980.3|	724	738	875	15.25	10.62	74.81	15.25	24.51	38.58	12.9	9.72
5	gi|171846278|ref|NP_940980.3|	725	739	876	14.96	7.64	74.81	14.96	24.51	23.72	10.26	9.44
5	gi|171846278|ref|NP_940980.3|	754	768	877	11.11	8.84	43.51	10.81	65.72	22.87	2.9	11.11
5	gi|171846278|ref|NP_940980.3|	755	769	878	10.73	8.84	42.31	10.73	65.86	13.82	9.42	5.79
5	gi|171846278|ref|NP_940980.3|	756	770	879	12.33	8.84	43.51	11.8	61.95	15.15	12.33	5.79
5	gi|171846278|ref|NP_940980.3|	757	771	880	18.48	8.84	43.09	18.84	57.85	14.57	18.48	5.79
5	gi|171846278|ref|NP_940980.3|	765	779	881	8.92	1.02	4.01	29.77	42.77	29.32	8.92	7.73
5	gi|171846278|ref|NP_940980.3|	766	780	882	8.92	1.39	5.9	30.39	44.19	15.75	8.92	8
5	gi|171846278|ref|NP_940980.3|	767	781	883	8.92	1.36	7.19	30.51	43.88	10.15	8.92	5.42
5	gi|171846278|ref|NP_940980.3|	768	782	884	8.92	1.5	8.04	31.11	44.33	11.49	8.92	5.61
5	gi|171846278|ref|NP_940980.3|	769	783	885	8.92	1.52	8.04	30.24	44.33	13.2	8.92	5.12
5	gi|171846278|ref|NP_940980.3|	770	784	886	9.68	5.62	8.04	42.84	44.33	22.41	9.68	7.64
5	gi|171846278|ref|NP_940980.3|	771	785	887	12.91	5.57	8.04	41.72	44.33	41.82	12.91	7.52
5	gi|171846278|ref|NP_940980.3|	777	791	888	19.28	15.13	19.28	19.27	59.47	48.52	31.48	18.44
5	gi|171846278|ref|NP_940980.3|	780	794	889	10.72	16.54	10.72	4.28	56.92	23.26	0.35	2.68
5	gi|171846278|ref|NP_940980.3|	781	795	890	8.51	8.51	9.21	2.67	55.66	15.21	0.23	2.68
5	gi|171846278|ref|NP_940980.3|	782	796	891	5.03	5.03	9.21	1.66	52.75	11.16	0.23	2.68
5	gi|171846278|ref|NP_940980.3|	783	797	892	5.44	5.44	9.21	1.69	40.87	12.77	0.23	2.68
5	gi|171846278|ref|NP_940980.3|	784	798	893	5.56	5.56	9.21	1.18	40.87	12.86	0.22	2.68
5	gi|171846278|ref|NP_940980.3|	785	799	894	4.37	4.37	9.21	1.47	40.87	13.99	0.32	3.08
5	gi|171846278|ref|NP_940980.3|	786	800	895	4.37	4.37	9.21	2.75	40.87	19.78	0.43	3.28
5	gi|171846278|ref|NP_940980.3|	787	801	896	9.21	5.74	9.21	3.61	40.87	22.41	0.68	11.66
5	gi|171846278|ref|NP_940980.3|	788	802	897	13.69	0.59	17.06	4.77	15.91	14.72	0.8	13.69
5	gi|171846278|ref|NP_940980.3|	789	803	898	9.72	0.59	14.12	9.72	12.96	8.2	1.01	13.69
5	gi|171846278|ref|NP_940980.3|	790	804	899	11.8	0.59	15.06	13.28	11.8	7.81	2.98	13.69
5	gi|171846278|ref|NP_940980.3|	791	805	900	10.37	0.59	14.04	18.59	10.37	6.68	5.18	14.06
5	gi|171846278|ref|NP_940980.3|	792	806	901	17.8	0.59	20.73	22	16.58	9.59	39.51	17.8
5	gi|171846278|ref|NP_940980.3|	823	837	902	18.77	14.95	29.24	18.77	27.73	18.77	5.93	8.59
5	gi|171846278|ref|NP_940980.3|	824	838	903	18.64	19.76	29.24	18.64	27.73	7.96	5.93	8.6
5	gi|171846278|ref|NP_940980.3|	825	839	904	16.08	16.08	29.24	17.3	27.73	3.66	5.93	7.83
5	gi|171846278|ref|NP_940980.3|	826	840	905	16.18	16.44	29.24	16.18	27.73	3.38	5.93	7.6
5	gi|171846278|ref|NP_940980.3|	827	841	906	8.07	8.07	29.24	16.45	27.73	4.07	5.93	7.46

Table 2

5	gi|171846278|ref|NP_940980.3|	828	842	907	9.8	8.09	29.24	25.88	27.73	6.01	9.8	7.46
5	gi|171846278|ref|NP_940980.3|	829	843	908	6.08	3.15	0.7	6.08	27.73	6.79	5.93	7.46
5	gi|171846278|ref|NP_940980.3|	832	846	909	19.78	22.61	1.72	19.78	28	2.56	21.39	4.49
5	gi|171846278|ref|NP_940980.3|	833	847	910	4.81	18.62	2.53	16.58	9.16	4.1	4.81	4.01
5	gi|171846278|ref|NP_940980.3|	834	848	911	8.15	18.62	4.25	15.51	9.16	8.15	4.81	4.01
5	gi|171846278|ref|NP_940980.3|	835	849	912	9.16	18.62	5.73	18.01	9.16	17.14	1.91	4.01
5	gi|171846278|ref|NP_940980.3|	836	850	913	12.78	14.93	30.57	5.9	12.78	20.92	1.22	5.78
5	gi|171846278|ref|NP_940980.3|	837	851	914	10.45	14.62	32.87	1.11	10.45	15.94	1.08	5.92
5	gi|171846278|ref|NP_940980.3|	838	852	915	4.49	4.14	42.98	0.81	9.16	5.61	1.02	4.49
5	gi|171846278|ref|NP_940980.3|	839	853	916	4.13	4.19	32.65	0.81	9.16	3.71	1.07	4.13
5	gi|171846278|ref|NP_940980.3|	840	854	917	4.13	4.13	32.65	1.01	16.41	3.71	1.86	9.97
5	gi|171846278|ref|NP_940980.3|	841	855	918	4.52	4.52	32.65	1.57	18.35	4.44	1.94	9.97
5	gi|171846278|ref|NP_940980.3|	842	856	919	9.6	5.04	32.65	3.05	28	7.45	9.6	9.97
5	gi|171846278|ref|NP_940980.3|	843	857	920	14.05	13.19	32.65	12.2	38.57	12.71	16.55	14.05
5	gi|171846278|ref|NP_940980.3|	872	886	921	12.52	0.29	24.83	32.61	2.96	12.52	65.63	11.11
5	gi|171846278|ref|NP_940980.3|	873	887	922	11.11	0.29	28.73	31.8	2.45	7.98	58.82	11.11
5	gi|171846278|ref|NP_940980.3|	874	888	923	11.11	0.29	32.09	32.13	2.28	6.3	53.8	11.11
5	gi|171846278|ref|NP_940980.3|	875	889	924	11.11	0.29	36.92	32.05	3.46	7.29	54.55	11.11
5	gi|171846278|ref|NP_940980.3|	897	911	925	9.17	7.08	5.23	2.37	63.6	32.99	9.17	9.97
5	gi|171846278|ref|NP_940980.3|	898	912	926	9.17	7.08	5.95	2.37	63.6	17.79	9.17	9.97
5	gi|171846278|ref|NP_940980.3|	899	913	927	9.17	7.08	1.76	2.37	63.6	9.46	9.17	9.97
5	gi|171846278|ref|NP_940980.3|	900	914	928	9.17	7.08	2.88	2.37	63.6	9.66	9.17	9.97
5	gi|171846278|ref|NP_940980.3|	901	915	929	9.17	7.42	3.75	2.37	63.6	11.78	9.17	9.97
5	gi|171846278|ref|NP_940980.3|	902	916	930	11.01	17.29	4.48	7.96	63.6	18.28	11.01	9.97
5	gi|171846278|ref|NP_940980.3|	903	917	931	12.64	16.09	6.43	8.53	38.15	40.11	12.64	9.97
5	gi|171846278|ref|NP_940980.3|	910	924	932	5.82	0.29	35.68	25.24	5.82	3.39	59.72	5.79
5	gi|171846278|ref|NP_940980.3|	911	925	933	5.79	0.29	35.68	26.1	5.53	1.12	52.3	5.79
5	gi|171846278|ref|NP_940980.3|	912	926	934	5.79	0.29	35.68	32.08	5.58	0.66	38.69	5.79
5	gi|171846278|ref|NP_940980.3|	913	927	935	5.79	0.29	35.68	44.29	5.75	0.83	37.9	5.79
5	gi|171846278|ref|NP_940980.3|	914	928	936	8.06	0.29	35.68	46.27	8.06	1.37	39.71	5.79
5	gi|171846278|ref|NP_940980.3|	915	929	937	11.8	0.38	34.92	13.96	11.8	2.43	32.53	7.62
5	gi|171846278|ref|NP_940980.3|	916	930	938	11.37	0.4	29.97	11.37	12.08	6.88	25.51	4.7
5	gi|171846278|ref|NP_940980.3|	917	931	939	13.67	6.61	34.42	8.96	54.23	13.67	22.58	6.3
5	gi|171846278|ref|NP_940980.3|	918	932	940	10.38	6.61	39.97	7.46	64.6	10.38	21	6.28
5	gi|171846278|ref|NP_940980.3|	919	933	941	10.43	6.85	48.06	10.02	60.54	10.43	26.5	6.31
5	gi|171846278|ref|NP_940980.3|	920	934	942	11.96	7.24	52.51	11.96	58.59	10	25.04	6.25
5	gi|171846278|ref|NP_940980.3|	921	935	943	18.33	10.42	60.23	16.23	65.43	18.33	39.15	10.5
5	gi|171846278|ref|NP_940980.3|	939	953	944	18.59	8.26	11.3	18.59	29.14	35.22	22.68	15.9
5	gi|171846278|ref|NP_940980.3|	940	954	945	15.52	1.42	10.56	11.75	37.87	47.77	15.52	15.9
5	gi|171846278|ref|NP_940980.3|	941	955	946	15.08	1.42	10.6	11.84	63.34	47.56	15.08	16.57
5	gi|171846278|ref|NP_940980.3|	942	956	947	15.08	1.42	10.78	12.2	63.34	48.63	15.08	16.57
5	gi|171846278|ref|NP_940980.3|	943	957	948	15.08	1.42	10.7	10.7	63.34	52.91	15.08	16.57
5	gi|171846278|ref|NP_940980.3|	944	958	949	16.57	1.6	20.24	11.76	63.34	54.44	15.08	16.57
5	gi|171846278|ref|NP_940980.3|	945	959	950	16.84	3.72	20.5	16.84	63.02	49.32	15.08	16.57
5	gi|171846278|ref|NP_940980.3|	947	961	951	15.08	1.61	12.28	23.98	17.17	21.22	15.08	13.69
5	gi|171846278|ref|NP_940980.3|	948	962	952	17.17	0.88	37.27	25.97	17.17	13.79	32.37	13.69
5	gi|171846278|ref|NP_940980.3|	949	963	953	16.81	0.44	44.71	34.47	16.81	11.25	32.37	13.69
5	gi|171846278|ref|NP_940980.3|	950	964	954	13.74	0.4	38.25	25.03	13.74	11.13	32.37	13.69

Table 2

5	gi|171846278|ref|NP_940980.3|	951	965	955	17.17	0.84	38.25	25.5	17.17	16.96	66.5	13.69
5	gi|171846278|ref|NP_940980.3|	978	992	956	18.44	15.64	8.54	24.58	29.81	23.05	8.48	18.44
5	gi|171846278|ref|NP_940980.3|	979	993	957	18.44	12.08	10.45	25.27	29.81	20.9	6.72	18.44
5	gi|171846278|ref|NP_940980.3|	980	994	958	16.15	8.21	12.99	30.25	29.81	16.15	9.26	18.44
5	gi|171846278|ref|NP_940980.3|	981	995	959	15.39	4.93	15.39	23.34	29.81	11.95	9.45	18.44
5	gi|171846278|ref|NP_940980.3|	1004	1018	960	19.84	8.25	19.84	29.79	55.1	35.24	5.85	11.66
5	gi|171846278|ref|NP_940980.3|	1010	1024	961	18.08	8.25	25.11	11.01	75.22	42.5	7.02	18.08
5	gi|171846278|ref|NP_940980.3|	1012	1026	962	14.67	6.71	25.26	10.38	24.7	17.42	5.5	14.67
5	gi|171846278|ref|NP_940980.3|	1013	1027	963	14.67	6.71	31.07	10.64	22.37	16.58	6.08	14.67
5	gi|171846278|ref|NP_940980.3|	1014	1028	964	17.89	6.71	30	8.67	20.8	17.89	5.82	22.78
5	gi|171846278|ref|NP_940980.3|	1015	1029	965	19.94	14.49	33.55	15.44	19.94	20.35	8.53	22.78
5	gi|171846278|ref|NP_940980.3|	1028	1042	966	10.87	10.87	3.43	20.68	40.76	34.38	1.46	7.1
5	gi|171846278|ref|NP_940980.3|	1029	1043	967	10.87	10.87	4.44	23.13	40.76	35	0.86	7.63
5	gi|171846278|ref|NP_940980.3|	1030	1044	968	10.87	10.87	5.99	24.49	40.76	39.45	0.78	8.97
5	gi|171846278|ref|NP_940980.3|	1031	1045	969	10.87	10.87	9.24	25.33	40.76	42.72	0.74	8.82
5	gi|171846278|ref|NP_940980.3|	1032	1046	970	11.42	10.87	11.42	25.33	40.76	41.82	0.72	8.66
5	gi|171846278|ref|NP_940980.3|	1033	1047	971	14.38	10.87	12.2	28.24	40.76	38.08	2.56	14.38
5	gi|171846278|ref|NP_940980.3|	1034	1048	972	12.08	10.87	15.22	12.08	58.04	35.55	2.94	11.1
5	gi|171846278|ref|NP_940980.3|	1041	1055	973	11.28	15.89	0.08	1.52	11.28	13.82	50.77	5.42
5	gi|171846278|ref|NP_940980.3|	1042	1056	974	8.02	15.89	0.08	1.04	11.79	8.02	50.77	3.19
5	gi|171846278|ref|NP_940980.3|	1043	1057	975	5.93	13	0.08	0.7	11.91	5.93	50.77	2.05
5	gi|171846278|ref|NP_940980.3|	1044	1058	976	5.8	12.78	0.08	0.77	13.03	5.8	50.77	1.59
5	gi|171846278|ref|NP_940980.3|	1045	1059	977	7.73	20.5	0.08	1.56	20.34	7.73	47.97	2.37
5	gi|171846278|ref|NP_940980.3|	1046	1060	978	13.88	30.45	0.24	2.09	36.62	13.88	37.02	3.64
5	gi|171846278|ref|NP_940980.3|	1049	1063	979	13.94	4.7	7.41	12.98	20.37	30.23	15.66	13.94
5	gi|171846278|ref|NP_940980.3|	1050	1064	980	12.56	4.68	9.46	12.56	18.87	26.93	10.92	13.59
5	gi|171846278|ref|NP_940980.3|	1051	1065	981	10.56	4.43	5.56	10.56	26.35	23.38	5.72	12.81
5	gi|171846278|ref|NP_940980.3|	1052	1066	982	12.21	4.58	6.83	12.21	30.78	23.37	4.93	15.75
5	gi|171846278|ref|NP_940980.3|	1053	1067	983	16.55	1.62	9.24	16.55	30.78	20.69	7.13	17.17
5	gi|171846278|ref|NP_940980.3|	1071	1085	984	19.08	0.05	55.07	50.28	1.93	17.59	46.03	19.08
5	gi|171846278|ref|NP_940980.3|	1079	1093	985	18.73	18.08	59.92	14.82	38.58	34.41	7.99	18.73
5	gi|171846278|ref|NP_940980.3|	1080	1094	986	18.53	18.08	53.71	13.84	38.58	32.79	6.67	18.53
5	gi|171846278|ref|NP_940980.3|	1082	1096	987	6.18	7.21	5.84	7.65	17.6	4.64	3.65	6.18
5	gi|171846278|ref|NP_940980.3|	1083	1097	988	6.18	7.21	5.09	7.53	15.69	1.45	4.65	6.18
5	gi|171846278|ref|NP_940980.3|	1084	1098	989	5.52	5.52	3.78	8.03	12.07	0.64	4.4	6.18
5	gi|171846278|ref|NP_940980.3|	1085	1099	990	5.18	5.13	4.85	8.37	11.95	0.69	5.18	6.18
5	gi|171846278|ref|NP_940980.3|	1086	1100	991	6.18	7.21	6.09	12.95	13.98	1.11	6.16	6.18
5	gi|171846278|ref|NP_940980.3|	1087	1101	992	7.45	7.21	8.42	18.69	16.07	2.79	7.45	6.18
5	gi|171846278|ref|NP_940980.3|	1088	1102	993	10.91	7.21	10.91	16.84	20.88	11.29	9.57	6.18
5	gi|171846278|ref|NP_940980.3|	1091	1105	994	17.47	14.41	32.66	13.06	9.13	46.86	17.47	17.58
5	gi|171846278|ref|NP_940980.3|	1092	1106	995	17.02	14.41	32.26	12.64	7.91	42.96	19	17.02
5	gi|171846278|ref|NP_940980.3|	1093	1107	996	17.28	14.41	40.66	13.84	7.71	47.57	17.28	17.5
5	gi|171846278|ref|NP_940980.3|	1105	1119	997	19.51	20.93	38.28	8.37	19.51	54.31	2.13	13.99
5	gi|171846278|ref|NP_940980.3|	1106	1120	998	14.84	15.15	43.46	6.95	14.84	21.3	2.53	12.84
5	gi|171846278|ref|NP_940980.3|	1107	1121	999	13.28	4.77	55.71	9.75	14.84	13.05	13.4	13.28
5	gi|171846278|ref|NP_940980.3|	1108	1122	1000	13.28	4.77	50.8	9.75	14.84	7.28	15.5	13.28
5	gi|171846278|ref|NP_940980.3|	1109	1123	1001	13.28	4.77	56	9.75	14.84	7.44	15.5	13.28
5	gi|171846278|ref|NP_940980.3|	1110	1124	1002	13.28	4.77	54.5	9.75	14.84	9.35	15.5	13.28

Table 2

5	gi|171846278|ref|NP_940980.3|	1111	1125	1003	14.84	4.77	58.6	11.89	14.84	12.83	15.5	17.06
5	gi|171846278|ref|NP_940980.3|	1115	1129	1004	17.93	17.01	27.67	17.93	75.22	15.65	46.45	5.42
5	gi|171846278|ref|NP_940980.3|	1116	1130	1005	15.62	9.61	30.04	14.94	74.22	15.62	42.42	5.42
5	gi|171846278|ref|NP_940980.3|	1117	1131	1006	15.91	9.61	29.82	14.94	74.28	15.91	28.96	5.42
5	gi|171846278|ref|NP_940980.3|	1119	1133	1007	10.9	9.61	37.12	10.9	66.5	33.38	8.8	5.42
5	gi|171846278|ref|NP_940980.3|	1120	1134	1008	10.32	10.13	36.8	10.32	29.08	30.84	6.64	9.77
5	gi|171846278|ref|NP_940980.3|	1121	1135	1009	10.5	10.13	44.4	10.5	26.09	27.96	5.73	10.44
5	gi|171846278|ref|NP_940980.3|	1122	1136	1010	8.32	10.13	3.41	6.66	22.09	17.63	0.68	8.32
5	gi|171846278|ref|NP_940980.3|	1123	1137	1011	8.44	10.13	4.43	6.82	20.41	15.62	0.6	8.44
5	gi|171846278|ref|NP_940980.3|	1124	1138	1012	7.59	10.13	6.18	7.59	26.25	12.63	0.52	5.05
5	gi|171846278|ref|NP_940980.3|	1125	1139	1013	7.54	7.54	9.23	7.39	33.54	11.62	0.52	5.05
5	gi|171846278|ref|NP_940980.3|	1126	1140	1014	11.72	13.6	12.07	6.98	40.66	11.72	0.72	5.05
5	gi|171846278|ref|NP_940980.3|	1127	1141	1015	8.31	10.54	9.23	3.39	30.9	8.31	0.65	6.6
5	gi|171846278|ref|NP_940980.3|	1128	1142	1016	4.7	4.7	7.4	3.39	30.9	4.17	0.65	6.6
5	gi|171846278|ref|NP_940980.3|	1129	1143	1017	4.7	4.7	10.72	3.39	30.9	2.2	1.18	6.6
5	gi|171846278|ref|NP_940980.3|	1130	1144	1018	3.39	3.3	6.56	3.39	30.9	1.36	1.44	6.6
5	gi|171846278|ref|NP_940980.3|	1131	1145	1019	3.39	3.34	6.99	3.39	30.9	1.26	1.35	6.6
5	gi|171846278|ref|NP_940980.3|	1132	1146	1020	5.99	3.78	6.99	5.5	30.9	2.21	5.99	6.6
5	gi|171846278|ref|NP_940980.3|	1133	1147	1021	6.99	6.02	6.99	8.85	30.9	5.91	6.31	13.08
5	gi|171846278|ref|NP_940980.3|	1135	1149	1022	17.8	15.86	6.99	16.43	64.67	34.92	27.56	17.8
5	gi|171846278|ref|NP_940980.3|	1136	1150	1023	17.8	15.86	6.99	16.43	26.33	47.09	26.67	17.8
5	gi|171846278|ref|NP_940980.3|	1149	1163	1024	13.95	11.75	7.93	13.95	55.39	51.67	40.46	13.47
5	gi|171846278|ref|NP_940980.3|	1154	1168	1025	17.68	31.76	10.38	13.64	17.68	24	21.79	13.47
5	gi|171846278|ref|NP_940980.3|	1156	1170	1026	13.67	23.37	3.2	3.8	13.67	18.15	17.96	3.65
5	gi|171846278|ref|NP_940980.3|	1157	1171	1027	10.51	23.67	3.12	3.72	12.39	10.51	13.84	3.65
5	gi|171846278|ref|NP_940980.3|	1158	1172	1028	3.71	3.71	3.49	3.67	11.76	8.6	4.6	2.05
5	gi|171846278|ref|NP_940980.3|	1159	1173	1029	4	4	4.86	3.72	13.53	8.38	3.39	2.05
5	gi|171846278|ref|NP_940980.3|	1160	1174	1030	4	4	5.9	3.98	15.45	8.74	3.39	2.05
5	gi|171846278|ref|NP_940980.3|	1161	1175	1031	6.71	3.91	6.71	8.46	16.77	10.21	4.09	2.05
5	gi|171846278|ref|NP_940980.3|	1162	1176	1032	8.16	4.05	9.33	8.16	26.6	17.59	3.42	2.05
5	gi|171846278|ref|NP_940980.3|	1163	1177	1033	15.15	15.15	29.87	12.71	37.02	22.74	5.62	4.95
5	gi|171846278|ref|NP_940980.3|	1164	1178	1034	12.18	15.15	8.55	12.18	30.55	27.45	8.89	4.99
5	gi|171846278|ref|NP_940980.3|	1165	1179	1035	17.17	16.04	14.51	12.13	34.49	29.13	35.9	17.17
5	gi|171846278|ref|NP_940980.3|	1171	1185	1036	9.59	9.59	18.6	9.36	50.34	25.04	3.47	6.18
5	gi|171846278|ref|NP_940980.3|	1172	1186	1037	7.6	4.77	17.43	6.11	50.34	7.6	3.47	8.42
5	gi|171846278|ref|NP_940980.3|	1173	1187	1038	5.82	4.77	20.43	5.82	54.01	4.75	3.47	8.42
5	gi|171846278|ref|NP_940980.3|	1174	1188	1039	5.26	4.77	12.75	5.26	50.49	3.04	3.47	8.42
5	gi|171846278|ref|NP_940980.3|	1175	1189	1040	6.99	4.77	16.24	6.99	48.22	4.04	3.47	8.42
5	gi|171846278|ref|NP_940980.3|	1176	1190	1041	8.01	4.77	21.59	8.01	54.01	6.34	3.47	8.42
5	gi|171846278|ref|NP_940980.3|	1177	1191	1042	12.73	7.32	26.82	15.09	54.01	12.73	3.47	8.42
5	gi|171846278|ref|NP_940980.3|	1186	1200	1043	9.39	3.67	31.19	10.98	31.25	9.39	3.39	7.03
5	gi|171846278|ref|NP_940980.3|	1187	1201	1044	7.03	3.67	25.15	10.19	31.25	4.1	3.25	7.03
5	gi|171846278|ref|NP_940980.3|	1188	1202	1045	6.95	3.67	29.33	11.47	31.25	4.81	3.3	6.95
5	gi|171846278|ref|NP_940980.3|	1189	1203	1046	7.03	3.67	19.99	9.11	31.25	5.21	0.81	7.03
5	gi|171846278|ref|NP_940980.3|	1190	1204	1047	7.03	3.67	23.62	9.62	31.25	6.75	0.8	7.03
5	gi|171846278|ref|NP_940980.3|	1191	1205	1048	12.05	3.67	28.8	14.04	31.25	12.05	0.89	7.03
5	gi|171846278|ref|NP_940980.3|	1192	1206	1049	15.38	9.1	31.19	15.38	31.25	27.07	0.87	9.06
5	gi|171846278|ref|NP_940980.3|	1193	1207	1050	19.7	13.57	45.26	19.7	51.74	41.67	5.13	9.81

Table 2

5	gi|171846278|ref|NP_940980.3|	1195	1209	1051	19.47	13.57	38.52	19.47	51.74	35.15	5.1	17.68
5	gi|171846278|ref|NP_940980.3|	1219	1233	1052	13.58	3.79	8.51	13.58	17.28	20.3	7.66	15.98
5	gi|171846278|ref|NP_940980.3|	1220	1234	1053	8.96	2.99	3.08	12.39	17.28	8.96	8.42	14.94
5	gi|171846278|ref|NP_940980.3|	1221	1235	1054	7.02	2.99	1.5	11.82	11.35	2.98	7.02	12.93
5	gi|171846278|ref|NP_940980.3|	1222	1236	1055	5.66	2.99	2.39	12.1	11.03	2.58	5.66	12.67
5	gi|171846278|ref|NP_940980.3|	1223	1237	1056	2.99	2.99	2.57	16.37	11.17	2.13	1.84	12.64
5	gi|171846278|ref|NP_940980.3|	1224	1238	1057	4.14	3.7	4.14	24.44	12.2	2.95	1.56	18.11
5	gi|171846278|ref|NP_940980.3|	1225	1239	1058	4.81	4.81	4.14	31.59	16.55	4.7	1.5	17.18
5	gi|171846278|ref|NP_940980.3|	1226	1240	1059	12.93	12.93	5.38	42.08	21.5	10.89	2.37	22.17
5	gi|171846278|ref|NP_940980.3|	1227	1241	1060	19.57	11.41	6.35	33.1	23.65	29.98	2.81	19.57
5	gi|171846278|ref|NP_940980.3|	1229	1243	1061	17.01	4.09	36.88	17.01	35.8	18.95	2.76	9.09
5	gi|171846278|ref|NP_940980.3|	1230	1244	1062	13.98	2.38	40.11	13.98	25.35	12.63	19.11	7.79
5	gi|171846278|ref|NP_940980.3|	1231	1245	1063	14.48	1.85	42.37	14.48	27.72	11.25	25.85	8.19
5	gi|171846278|ref|NP_940980.3|	1232	1246	1064	15.89	1.59	46.16	15.89	29.17	12.31	31.45	7.77
5	gi|171846278|ref|NP_940980.3|	1233	1247	1065	17.18	3.53	46.16	11.41	28.64	16.9	44.78	17.18
5	gi|171846278|ref|NP_940980.3|	1236	1250	1066	8.61	8.61	0.61	22.77	15.25	4.63	42.7	5.84
5	gi|171846278|ref|NP_940980.3|	1237	1251	1067	5.66	5.35	0.66	22.77	14.94	1.64	39.14	5.66
5	gi|171846278|ref|NP_940980.3|	1238	1252	1068	4.34	2.74	0.37	11.28	13.46	0.67	27.13	4.34
5	gi|171846278|ref|NP_940980.3|	1239	1253	1069	4.34	1.8	0.48	12.46	13.63	0.61	18.68	4.34
5	gi|171846278|ref|NP_940980.3|	1240	1254	1070	4.34	2.79	0.73	14.69	19.79	0.65	17.76	4.34
5	gi|171846278|ref|NP_940980.3|	1241	1255	1071	5.53	4.57	1.29	15.64	28.46	1.8	8.61	5.53
5	gi|171846278|ref|NP_940980.3|	1242	1256	1072	7.98	7.98	1.95	14.64	37.88	7.75	8.89	4.94
5	gi|171846278|ref|NP_940980.3|	1243	1257	1073	17.21	37.07	9.71	17.21	66.84	21.6	8.02	9.07
5	gi|171846278|ref|NP_940980.3|	1244	1258	1074	8.47	14.36	6.97	12	70.91	8.47	7.96	2.44
5	gi|171846278|ref|NP_940980.3|	1245	1259	1075	9.2	14.96	8.82	19.36	66.84	5.25	9.2	2.44
5	gi|171846278|ref|NP_940980.3|	1246	1260	1076	10.09	10.94	6.9	18.64	35.34	2.57	10.09	2.44
5	gi|171846278|ref|NP_940980.3|	1247	1261	1077	8.86	8.86	8.53	18.64	32.37	3.6	11.03	2.44
5	gi|171846278|ref|NP_940980.3|	1248	1262	1078	12.45	12.45	9.71	18.64	31.92	5.64	19.97	2.44
5	gi|171846278|ref|NP_940980.3|	1249	1263	1079	14.96	14.96	9.71	29.26	30.78	9.49	22.76	2.44
5	gi|171846278|ref|NP_940980.3|	1261	1275	1080	13.58	11.59	6.88	13.58	64.08	48.35	18.7	13.28
5	gi|171846278|ref|NP_940980.3|	1262	1276	1081	13.82	11.59	8.77	13.82	64.08	39.29	17.83	13.28
5	gi|171846278|ref|NP_940980.3|	1263	1277	1082	15.68	10.64	10.93	13.82	58.93	33.51	15.94	15.68
5	gi|171846278|ref|NP_940980.3|	1264	1278	1083	14.06	11.59	15.98	12.74	61.24	32.1	14.06	13.28
5	gi|171846278|ref|NP_940980.3|	1265	1279	1084	16.91	13.04	21.66	9.82	20.3	29.13	16.91	13.28
5	gi|171846278|ref|NP_940980.3|	1266	1280	1085	19.13	13.04	24.58	16.77	20.3	30.21	19.13	19.08
5	gi|171846278|ref|NP_940980.3|	1267	1281	1086	13.28	13.04	4.44	11.84	20.3	25.93	17.18	13.28
5	gi|171846278|ref|NP_940980.3|	1285	1299	1087	18.59	13.52	18.59	12.41	55.9	57.64	21.08	14.13
5	gi|171846278|ref|NP_940980.3|	1287	1301	1088	18.19	8.98	28.25	15.89	29.12	56.96	18.19	16.97
5	gi|171846278|ref|NP_940980.3|	1289	1303	1089	18.9	3.57	34.82	18.9	29.12	56.05	13.04	18.83
5	gi|171846278|ref|NP_940980.3|	1312	1326	1090	7.61	7.4	7.61	0.78	25.12	15.71	0.5	8.92
5	gi|171846278|ref|NP_940980.3|	1313	1327	1091	5.75	5.75	8.06	0.62	29.83	8.2	0.23	0.22
5	gi|171846278|ref|NP_940980.3|	1314	1328	1092	4.3	4.3	11.64	0.59	29.83	5.36	0.18	0.2
5	gi|171846278|ref|NP_940980.3|	1315	1329	1093	2	3.42	12.87	0.57	66.09	2	0.11	0.19
5	gi|171846278|ref|NP_940980.3|	1316	1330	1094	1.21	4.77	14.28	0.59	62.77	1.21	0.08	0.16
5	gi|171846278|ref|NP_940980.3|	1317	1331	1095	1.88	7.62	19.49	1.88	66.85	1.76	0.14	0.18
5	gi|171846278|ref|NP_940980.3|	1318	1332	1096	1.95	8.98	20.65	1.95	47.59	1.73	0.2	0.64
5	gi|171846278|ref|NP_940980.3|	1319	1333	1097	8.98	8.98	36.34	13.55	46.21	4.2	1.06	0.68
5	gi|171846278|ref|NP_940980.3|	1320	1334	1098	14.98	6.66	39.06	16.66	45.84	4.37	14.98	0.62

Table 2

5	gi|171846278|ref|NP_940980.3|	1321	1335	1099	16.41	6.66	32.4	17.89	41.4	3.66	16.41	0.62
5	gi|171846278|ref|NP_940980.3|	1322	1336	1100	16.76	6.66	35.97	20.74	49.33	3.52	16.76	0.62
5	gi|171846278|ref|NP_940980.3|	1323	1337	1101	16.76	6.66	31.13	19.61	52.22	2.6	16.76	0.62
5	gi|171846278|ref|NP_940980.3|	1324	1338	1102	16.76	6.66	32.43	17.47	20.31	2.88	16.76	0.62
5	gi|171846278|ref|NP_940980.3|	1325	1339	1103	10.46	6.66	36.87	20.63	16.6	3.5	10.46	0.62
5	gi|171846278|ref|NP_940980.3|	1326	1340	1104	5.63	6.18	16.18	3.67	13.87	5.63	4.16	0.62
5	gi|171846278|ref|NP_940980.3|	1327	1341	1105	6.18	6.18	27.3	3.93	13.13	8.3	2.86	5.58
5	gi|171846278|ref|NP_940980.3|	1328	1342	1106	7.23	7.23	36.45	4.14	15.85	8.84	4.94	5.6
5	gi|171846278|ref|NP_940980.3|	1329	1343	1107	10.22	17.29	43.6	3.89	19.47	10.22	4.92	5.85
5	gi|171846278|ref|NP_940980.3|	1330	1344	1108	14.57	19.48	44.82	3.61	24.29	14.57	3.89	5.73
5	gi|171846278|ref|NP_940980.3|	1334	1348	1109	16.97	16.97	45.04	8.24	50.35	23.49	12.1	4.38
5	gi|171846278|ref|NP_940980.3|	1335	1349	1110	16.8	16.8	50.86	8.91	50.35	22.85	13.37	4.43
5	gi|171846278|ref|NP_940980.3|	1348	1362	1111	6.07	6.07	3.33	15.8	38.45	29.67	1.83	1.86
5	gi|171846278|ref|NP_940980.3|	1349	1363	1112	6.62	6.07	4.54	16.5	38.45	31.01	6.62	3.19
5	gi|171846278|ref|NP_940980.3|	1350	1364	1113	13.39	6.07	4.79	17.76	38.45	33	13.39	3.19
5	gi|171846278|ref|NP_940980.3|	1351	1365	1114	17.1	6.07	6.46	23.43	38.45	42.81	17.1	3.19
5	gi|171846278|ref|NP_940980.3|	1353	1367	1115	16.55	10.21	13.89	32.88	32.03	51.98	13.76	16.55
5	gi|171846278|ref|NP_940980.3|	1356	1370	1116	17.81	15.7	73.67	17.81	33.57	62.07	9.46	17.66
5	gi|171846278|ref|NP_940980.3|	1357	1371	1117	17.81	31.94	14.59	17.81	33.57	54.79	7.18	16.79
5	gi|171846278|ref|NP_940980.3|	1358	1372	1118	17.6	15.94	17.6	17.81	33.57	58.94	7.81	16.73
5	gi|171846278|ref|NP_940980.3|	1359	1373	1119	16.57	16.57	14.66	17.81	34.52	57.47	7.53	16.57
5	gi|171846278|ref|NP_940980.3|	1396	1410	1120	13.82	21.07	0.32	23.81	2.56	13.82	81.54	1.79
5	gi|171846278|ref|NP_940980.3|	1397	1411	1121	9.7	21.07	0.52	29.94	2.69	9.7	81.11	1.77
5	gi|171846278|ref|NP_940980.3|	1398	1412	1122	7.6	21.07	0.88	30.89	3.26	7.6	75.51	1.65
5	gi|171846278|ref|NP_940980.3|	1399	1413	1123	11.02	21.07	1.38	32.96	5.86	11.02	43.64	1.75
5	gi|171846278|ref|NP_940980.3|	1400	1414	1124	14.7	26.21	1.78	27.93	10.11	15.1	14.7	4.05
5	gi|171846278|ref|NP_940980.3|	1401	1415	1125	15.8	21.07	2.72	28.54	22.62	15.8	12.7	5.24
5	gi|171846278|ref|NP_940980.3|	1402	1416	1126	6.81	18.67	2.73	9.17	8.16	2.48	6.81	3.19
5	gi|171846278|ref|NP_940980.3|	1403	1417	1127	5.37	18.67	3.71	9.17	8.66	0.92	5.37	3.19
5	gi|171846278|ref|NP_940980.3|	1404	1418	1128	4.67	14.67	4.67	9.17	8.8	0.58	4.11	3.19
5	gi|171846278|ref|NP_940980.3|	1405	1419	1129	6.68	15.2	6.68	9.17	9.63	0.54	3.37	3.19
5	gi|171846278|ref|NP_940980.3|	1406	1420	1130	9.17	18.67	9.64	9.17	16.44	0.93	5.14	3.19
5	gi|171846278|ref|NP_940980.3|	1407	1421	1131	11.58	18.67	11.58	9.17	17.04	2.58	26.71	3.19
5	gi|171846278|ref|NP_940980.3|	1408	1422	1132	16	13.04	16	9.17	17.04	18.13	22.6	3.19
5	gi|171846278|ref|NP_940980.3|	1409	1423	1133	17.04	13.04	30.4	13.65	17.04	22.51	23.58	1.16
5	gi|171846278|ref|NP_940980.3|	1410	1424	1134	17.04	13.04	37.22	14.67	17.04	18.72	20.68	1.16
5	gi|171846278|ref|NP_940980.3|	1411	1425	1135	17.04	13.04	37.22	17.24	17.04	16.73	18.13	1.04
5	gi|171846278|ref|NP_940980.3|	1412	1426	1136	16.39	13.04	37.22	20.39	17.04	13.9	16.39	1.03
5	gi|171846278|ref|NP_940980.3|	1413	1427	1137	18.66	13.04	37.22	24.24	45.87	16.82	18.66	1.1
5	gi|171846278|ref|NP_940980.3|	1428	1442	1138	12.46	5.24	20.88	12.46	10.17	14.66	45.39	9.8
5	gi|171846278|ref|NP_940980.3|	1429	1443	1139	7.95	5.24	7.95	10.41	10.17	6.78	49.17	4.05
5	gi|171846278|ref|NP_940980.3|	1430	1444	1140	7.43	4.77	7.43	10.32	10.17	4.09	46.5	3.1
5	gi|171846278|ref|NP_940980.3|	1431	1445	1141	7.08	4.77	7.08	11.19	38.46	3.28	42.77	3.1
5	gi|171846278|ref|NP_940980.3|	1432	1446	1142	6.41	4.77	6.41	11.61	38.46	4.11	36.34	3.23
5	gi|171846278|ref|NP_940980.3|	1433	1447	1143	7.25	7.25	4.14	11.61	38.46	6.48	36.34	3.28
5	gi|171846278|ref|NP_940980.3|	1434	1448	1144	9.85	6.88	4.14	12.17	32.26	9.85	36.34	4.87
5	gi|171846278|ref|NP_940980.3|	1435	1449	1145	12.74	12.74	3.61	12.34	26.65	16.62	36.34	7.26
5	gi|171846278|ref|NP_940980.3|	1436	1450	1146	14.61	6.23	3.64	14.61	22.1	23	36.34	14.05

Table 2

5	gi|171846278|ref|NP_940980.3|	1441	1455	1147	14.24	10.56	8.04	14.24	55.62	74.96	14.15	19.9
5	gi|171846278|ref|NP_940980.3|	1442	1456	1148	19.01	4.77	21.85	6.02	55.53	66.67	11.91	19.01
5	gi|171846278|ref|NP_940980.3|	1443	1457	1149	18.83	4.77	22.19	6	57.4	58.14	11.91	18.83
5	gi|171846278|ref|NP_940980.3|	1444	1458	1150	19.32	4.77	26.4	6.15	54.96	58.01	11.77	19.32
5	gi|171846278|ref|NP_940980.3|	1465	1479	1151	19.14	9.11	46.67	22.25	66.09	19.14	5.96	15.27
5	gi|171846278|ref|NP_940980.3|	1467	1481	1152	14.03	12.35	35.16	10.28	48.03	27.06	14.03	13.69
5	gi|171846278|ref|NP_940980.3|	1468	1482	1153	17.93	17.93	35.16	10.04	43.4	27.94	14.03	13.69
5	gi|171846278|ref|NP_940980.3|	1469	1483	1154	18.08	18.08	35.16	10.88	43.4	32.1	14.03	13.69
5	gi|171846278|ref|NP_940980.3|	1479	1493	1155	18.81	18.81	18.59	32.17	9.58	56.65	38.82	5.85
5	gi|171846278|ref|NP_940980.3|	1491	1505	1156	13.39	11.04	7.62	13.39	53.22	50.08	11.83	15.91
5	gi|171846278|ref|NP_940980.3|	1492	1506	1157	13.58	13.58	10.81	12.95	53.22	42.32	7.54	15.91
5	gi|171846278|ref|NP_940980.3|	1493	1507	1158	15.91	13.51	15.95	12.98	66.11	41.14	5.76	15.91
5	gi|171846278|ref|NP_940980.3|	1494	1508	1159	13.01	10.59	19.22	13.01	66.11	30.07	4.56	8.99
5	gi|171846278|ref|NP_940980.3|	1495	1509	1160	12.1	10.89	19.05	12.1	66.11	20.27	2.42	8.8
5	gi|171846278|ref|NP_940980.3|	1496	1510	1161	18.75	14.05	20.48	23.47	66.11	18.75	1.61	17.58
5	gi|171846278|ref|NP_940980.3|	1497	1511	1162	16.83	2.98	20.48	21.42	51.09	15.51	1.54	16.83
5	gi|171846278|ref|NP_940980.3|	1498	1512	1163	12.6	2.98	37.22	24.38	40.22	12.6	3.74	7.23
5	gi|171846278|ref|NP_940980.3|	1499	1513	1164	5.79	2.98	0.74	6.56	21	7.04	3.64	5.79
5	gi|171846278|ref|NP_940980.3|	1500	1514	1165	4.13	2.98	0.88	6.52	21	4.13	3.3	5.79
5	gi|171846278|ref|NP_940980.3|	1501	1515	1166	7.41	8.88	1.29	7.41	21	5.25	8.03	5.79
5	gi|171846278|ref|NP_940980.3|	1502	1516	1167	7.41	14.22	1.98	7.41	21	7.41	15.14	5.79
5	gi|171846278|ref|NP_940980.3|	1503	1517	1168	13.62	13.62	3.17	7.9	21	14.05	26.52	5.79
5	gi|171846278|ref|NP_940980.3|	1504	1518	1169	17.27	13.62	4.22	17.27	21	24.57	18.12	7.08
5	gi|171846278|ref|NP_940980.3|	1505	1519	1170	12.85	13.62	5.02	12.85	8.86	33.09	11.19	14.13
5	gi|171846278|ref|NP_940980.3|	1506	1520	1171	14.13	13.62	20.36	23.79	9.11	33.61	9.51	14.13
5	gi|171846278|ref|NP_940980.3|	1507	1521	1172	14.13	7.88	25.84	23.85	9.32	28.7	6.71	14.13
5	gi|171846278|ref|NP_940980.3|	1508	1522	1173	14.13	12.41	26.4	23.58	9.02	22.17	5.41	14.13
5	gi|171846278|ref|NP_940980.3|	1509	1523	1174	13.58	12.37	9.1	18.4	13.58	18.67	1.66	14.13
5	gi|171846278|ref|NP_940980.3|	1510	1524	1175	19.95	21.24	12.3	26.22	19.95	22.71	1.25	14.13
5	gi|171846278|ref|NP_940980.3|	1522	1536	1176	12.9	4.7	46.76	18.94	12.9	33.25	12.68	6.55
5	gi|171846278|ref|NP_940980.3|	1523	1537	1177	19.06	5.24	54.62	19.06	25.32	29.76	11.43	6.55
5	gi|171846278|ref|NP_940980.3|	1524	1538	1178	18.16	5.24	59.91	18.16	33.09	24.73	8.75	5.02
5	gi|171846278|ref|NP_940980.3|	1525	1539	1179	7.02	5.24	59.91	7.02	41.58	22.18	6.86	2.68
5	gi|171846278|ref|NP_940980.3|	1526	1540	1180	9.49	5.24	59.91	7.18	50.75	22.25	9.49	2.68
5	gi|171846278|ref|NP_940980.3|	1527	1541	1181	11.1	2.41	48.48	5.61	63.67	22.22	11.1	2.68
5	gi|171846278|ref|NP_940980.3|	1528	1542	1182	11.89	2.41	54.42	5.73	67.2	27.84	11.89	3.76
5	gi|171846278|ref|NP_940980.3|	1529	1543	1183	8.42	2.41	8.42	5.29	14.41	26.92	14.72	5.05
5	gi|171846278|ref|NP_940980.3|	1530	1544	1184	10.34	2.11	11.34	8.88	14.41	27.9	10.34	5.05
5	gi|171846278|ref|NP_940980.3|	1531	1545	1185	12.35	2.41	12.52	9.65	14.41	29.91	8.84	12.35
5	gi|171846278|ref|NP_940980.3|	1532	1546	1186	18.28	2.41	17.62	20.21	14.41	33.66	18.28	18.41
5	gi|171846278|ref|NP_940980.3|	1543	1557	1187	18.88	0.53	41.93	21.88	19.22	18.88	13.77	5.28
5	gi|171846278|ref|NP_940980.3|	1544	1558	1188	13.66	0.75	41.93	13.66	27.92	17.08	3.43	3.44
5	gi|171846278|ref|NP_940980.3|	1545	1559	1189	15.72	1.38	41.93	15.72	38.43	18.88	2.41	3.44
5	gi|171846278|ref|NP_940980.3|	1548	1562	1190	11.93	8.98	13.44	11.93	63.9	27.38	1.41	4.01
5	gi|171846278|ref|NP_940980.3|	1549	1563	1191	13.57	8.98	13.57	14.12	66.52	23.73	1.45	4.7
5	gi|171846278|ref|NP_940980.3|	1550	1564	1192	7.56	5.05	7.56	11.96	52.39	14.84	1.11	4.01
5	gi|171846278|ref|NP_940980.3|	1551	1565	1193	9.03	4.48	9.03	12.51	40.19	17.81	1.97	4.84
5	gi|171846278|ref|NP_940980.3|	1552	1566	1194	12.38	4.49	12.38	13.14	40.91	21.66	4.04	4.98

Table 2

5	gi|171846278|ref|NP_940980.3|	1553	1567	1195	17.99	3.86	17.99	24.77	41.62	28.75	4.73	7.87
5	gi|171846278|ref|NP_940980.3|	1569	1583	1196	14.28	16.43	22.35	11.43	2.19	19.13	14.28	8.42
5	gi|171846278|ref|NP_940980.3|	1570	1584	1197	9.69	11.28	7.51	11.54	2.23	9.69	26.32	8.42
5	gi|171846278|ref|NP_940980.3|	1571	1585	1198	8.18	7.71	8.18	10.08	2.16	5.93	22.97	8.42
5	gi|171846278|ref|NP_940980.3|	1572	1586	1199	8.42	7.01	10.56	12.66	2.46	5.62	23.41	8.42
5	gi|171846278|ref|NP_940980.3|	1573	1587	1200	10.88	10.88	13.58	14.99	4.47	7.62	22.41	8.42
5	gi|171846278|ref|NP_940980.3|	1574	1588	1201	16.48	11.59	16.72	22.35	7.53	13.52	18.81	16.48
5	gi|171846278|ref|NP_940980.3|	1575	1589	1202	12.69	11.59	22.03	10.25	12.49	32.67	12.69	18.16
5	gi|171846278|ref|NP_940980.3|	1576	1590	1203	15.35	11.59	17.05	3.05	15.35	44.14	7.72	35.26
5	gi|171846278|ref|NP_940980.3|	1577	1591	1204	8.92	7.21	31.46	1.86	15.35	15.8	5.41	8.92
5	gi|171846278|ref|NP_940980.3|	1578	1592	1205	5.02	5.02	23.64	1.39	8.22	4.41	3.15	8.92
5	gi|171846278|ref|NP_940980.3|	1579	1593	1206	6.14	6.14	26.46	1.39	8.09	2.63	4.18	8.92
5	gi|171846278|ref|NP_940980.3|	1580	1594	1207	7.21	7.21	31.53	1.47	7.21	3.23	5.89	8.92
5	gi|171846278|ref|NP_940980.3|	1581	1595	1208	6.67	6.73	32.26	2.2	6.67	3.5	4.72	8.92
5	gi|171846278|ref|NP_940980.3|	1582	1596	1209	10.13	7.21	40.08	16.48	10.13	6.82	13.36	9.97
5	gi|171846278|ref|NP_940980.3|	1583	1597	1210	16.61	7.21	39.16	28.64	14.5	23.95	16.61	10.51
5	gi|171846278|ref|NP_940980.3|	1584	1598	1211	19.47	3.13	31.83	16.91	8.3	46.95	22.81	19.47
5	gi|171846278|ref|NP_940980.3|	1585	1599	1212	19.45	4.6	42.91	17.01	9.48	60.86	22.9	19.45
5	gi|171846278|ref|NP_940980.3|	1589	1603	1213	13.77	11.68	18.08	13.77	10.76	60.49	29.79	6.59
5	gi|171846278|ref|NP_940980.3|	1590	1604	1214	13.82	9.02	14.29	13.82	6.16	49.52	29.79	6.65
5	gi|171846278|ref|NP_940980.3|	1591	1605	1215	11.46	11.46	10.94	14.58	9.03	33.75	33.76	0.67
5	gi|171846278|ref|NP_940980.3|	1592	1606	1216	10.29	10.29	9.96	14.12	8.53	25.49	52.67	0.62
5	gi|171846278|ref|NP_940980.3|	1593	1607	1217	11.12	9.99	11.12	15.77	8.78	22.21	47.86	0.59
5	gi|171846278|ref|NP_940980.3|	1594	1608	1218	14.15	11.46	12.51	18.06	14.15	23.1	46.89	0.64
5	gi|171846278|ref|NP_940980.3|	1597	1611	1219	9.78	17.96	3.27	9.78	25.21	39.45	3.8	3.19
5	gi|171846278|ref|NP_940980.3|	1598	1612	1220	8.65	17.96	5.7	8.65	16.49	38.65	1	5.86
5	gi|171846278|ref|NP_940980.3|	1599	1613	1221	6.62	17.96	6.62	6.37	16.49	34.39	0.51	5.61
5	gi|171846278|ref|NP_940980.3|	1600	1614	1222	10.14	13.04	10.14	5.2	16.49	27.43	0.44	3.46
5	gi|171846278|ref|NP_940980.3|	1601	1615	1223	6.35	8.51	6.35	3.53	16.49	21.27	0.37	3.19
5	gi|171846278|ref|NP_940980.3|	1602	1616	1224	9.28	11.89	9.28	5.96	16.49	22.92	0.36	3.88
5	gi|171846278|ref|NP_940980.3|	1603	1617	1225	11.53	11.53	13.73	7	16.49	25.74	0.44	3.98
5	gi|171846278|ref|NP_940980.3|	1604	1618	1226	16.49	19.04	27.85	9.3	16.49	28.89	2.92	6.18
5	gi|171846278|ref|NP_940980.3|	1621	1635	1227	19.74	8.59	64.91	33.97	17.26	60.73	16.35	19.74
5	gi|171846278|ref|NP_940980.3|	1622	1636	1228	19.74	6.88	64.91	39.87	16.29	56.19	15.67	19.74
5	gi|171846278|ref|NP_940980.3|	1623	1637	1229	19.74	5.17	64.91	45.01	15.98	50.56	15.93	19.74
5	gi|171846278|ref|NP_940980.3|	1627	1641	1230	11.66	6.29	11.66	8.57	34.32	36.28	60.61	2.37
5	gi|171846278|ref|NP_940980.3|	1628	1642	1231	11.11	10.64	11.11	8.57	58.56	33.09	49.62	2.71
5	gi|171846278|ref|NP_940980.3|	1629	1643	1232	15.13	15.13	11.31	8.57	58.56	31.66	37.87	2.93
5	gi|171846278|ref|NP_940980.3|	1630	1644	1233	18.08	18.08	15.33	11.54	58.56	35.64	39.35	4.33
5	gi|171846278|ref|NP_940980.3|	1631	1645	1234	18.08	18.08	15.21	12.2	58.56	36.32	42.03	4.42
5	gi|171846278|ref|NP_940980.3|	1635	1649	1235	19.8	22.11	46.16	19.8	14.05	56.95	18	15.27
5	gi|171846278|ref|NP_940980.3|	1639	1653	1236	18.5	30.72	33.64	14.13	12.59	18.5	30.18	2.18
5	gi|171846278|ref|NP_940980.3|	1640	1654	1237	19.68	21.22	40.64	8.16	15.89	19.68	26.63	2.18
5	gi|171846278|ref|NP_940980.3|	1641	1655	1238	19.14	21.22	43.54	14.33	20.37	19.14	15.77	2.96
5	gi|171846278|ref|NP_940980.3|	1644	1658	1239	8.83	8.08	12.97	8.83	1.27	21.47	9.27	0.7
5	gi|171846278|ref|NP_940980.3|	1645	1659	1240	9.21	16.79	13.78	9.21	1.29	15.85	6.03	0.7
5	gi|171846278|ref|NP_940980.3|	1646	1660	1241	5.43	4.22	11.1	8.09	1.43	13.09	5.43	0.7
5	gi|171846278|ref|NP_940980.3|	1647	1661	1242	4.52	4.52	14.45	8.03	1.49	13.9	1.77	0.7

Table 2

5	gi|171846278|ref|NP_940980.3|	1648	1662	1243	4.34	4.34	5.08	7.32	1.48	14.44	1.1	0.7
5	gi|171846278|ref|NP_940980.3|	1649	1663	1244	5.01	5.01	7.05	12.41	4.1	15.29	1.13	1.07
5	gi|171846278|ref|NP_940980.3|	1650	1664	1245	3.23	2.27	9.06	12.46	3.23	15.17	1.31	0.7
5	gi|171846278|ref|NP_940980.3|	1651	1665	1246	14.23	5.24	14.23	16.43	41.23	14.45	2.68	1.05
5	gi|171846278|ref|NP_940980.3|	1652	1666	1247	12.18	5.24	18.5	18.59	49.38	12.18	10.43	1.05
5	gi|171846278|ref|NP_940980.3|	1653	1667	1248	12.94	5.24	21.54	26.4	54.01	12.13	12.94	1.05
5	gi|171846278|ref|NP_940980.3|	1654	1668	1249	18.49	5.24	27.08	27.7	38.12	16.08	18.49	1.05
5	gi|171846278|ref|NP_940980.3|	1660	1674	1250	11.15	11.15	6.8	9.1	17.42	12.71	27.54	1.69
5	gi|171846278|ref|NP_940980.3|	1661	1675	1251	9.1	11.07	7.19	9.1	16.04	7.39	32.48	1.69
5	gi|171846278|ref|NP_940980.3|	1662	1676	1252	9.1	9.7	7.19	9.1	16.06	5.03	31.2	1.69
5	gi|171846278|ref|NP_940980.3|	1663	1677	1253	7.19	3.44	7.19	9.1	16.47	4.07	26.14	1.47
5	gi|171846278|ref|NP_940980.3|	1664	1678	1254	7.19	3.64	7.19	9.1	28.09	4.92	19.65	1.69
5	gi|171846278|ref|NP_940980.3|	1665	1679	1255	7.72	3.61	7.19	10.98	33.71	7.72	19.97	2.67
5	gi|171846278|ref|NP_940980.3|	1666	1680	1256	10.83	3.26	7.19	10.83	15.86	24.69	42.21	2.67
5	gi|171846278|ref|NP_940980.3|	1685	1699	1257	16.52	7.76	43.44	4.16	29.03	46.81	16.52	7.69
5	gi|171846278|ref|NP_940980.3|	1686	1700	1258	4.81	2.99	36.04	0.15	0.01	31.57	4.81	7.46
5	gi|171846278|ref|NP_940980.3|	1687	1701	1259	4.81	2.99	42.39	0.15	0.01	28.59	4.81	7.46
5	gi|171846278|ref|NP_940980.3|	1688	1702	1260	4.81	2.99	30.8	0.15	0.01	22.31	4.81	6.77
5	gi|171846278|ref|NP_940980.3|	1689	1703	1261	4.81	2.99	39.21	0.15	0.01	21.33	4.81	6.93
5	gi|171846278|ref|NP_940980.3|	1690	1704	1262	7.46	6.64	42.69	0.15	0.01	21.75	7.46	13.99
5	gi|171846278|ref|NP_940980.3|	1691	1705	1263	12.73	10.41	43.51	0.23	0.03	29.53	12.73	15.37
5	gi|171846278|ref|NP_940980.3|	1698	1712	1264	13.72	13.72	6.32	2.58	21.41	15.55	58.85	4.9
5	gi|171846278|ref|NP_940980.3|	1699	1713	1265	6.57	13.72	1.88	2.58	21.41	6.57	35.23	1.27
5	gi|171846278|ref|NP_940980.3|	1700	1714	1266	5.36	13.72	1.88	2.58	21.41	5.36	28.83	3.19
5	gi|171846278|ref|NP_940980.3|	1701	1715	1267	4.1	13.72	1.88	2.58	21.41	4.1	22.54	3.19
5	gi|171846278|ref|NP_940980.3|	1702	1716	1268	4.33	8.34	1.88	2.75	21.41	4.33	18.35	3.19
5	gi|171846278|ref|NP_940980.3|	1703	1717	1269	9.48	9.48	1.88	10.98	21.41	6.3	10.82	3.19
5	gi|171846278|ref|NP_940980.3|	1704	1718	1270	9.49	9.87	2.27	10.98	21.41	9.49	7.36	4.14
5	gi|171846278|ref|NP_940980.3|	1705	1719	1271	9.97	10.9	9.97	6.44	20.96	19.75	5.57	4.94
5	gi|171846278|ref|NP_940980.3|	1706	1720	1272	8.34	8.34	9.43	3.35	19.14	15.43	5.92	3.19
5	gi|171846278|ref|NP_940980.3|	1707	1721	1273	9.48	2.46	12.56	2.38	18.32	10	9.48	3.15
5	gi|171846278|ref|NP_940980.3|	1708	1722	1274	9.64	2.55	19.23	2.23	19.96	9.64	14.19	3.26
5	gi|171846278|ref|NP_940980.3|	1709	1723	1275	9.22	2.53	24.94	1.82	25.56	9.22	17.12	3.06
5	gi|171846278|ref|NP_940980.3|	1710	1724	1276	12.46	2.73	29.76	2.58	30.65	12.46	28.31	3.21
5	gi|171846278|ref|NP_940980.3|	1711	1725	1277	16.91	3.17	34.24	3.53	43.29	16.91	30.06	6.83
5	gi|171846278|ref|NP_940980.3|	1712	1726	1278	16.95	2.46	35.16	4.51	60.8	16.95	39.5	6.22
5	gi|171846278|ref|NP_940980.3|	1722	1736	1279	15.76	12.01	60.92	15.25	20.95	15.76	49.98	7.43
5	gi|171846278|ref|NP_940980.3|	1724	1738	1280	16.85	12.5	60.92	21.4	16.84	16.85	31.94	12.9
5	gi|171846278|ref|NP_940980.3|	1725	1739	1281	19.88	13.61	69.87	24.42	19.88	17.88	37.12	19.38
5	gi|171846278|ref|NP_940980.3|	1733	1747	1282	18.67	10.32	57.87	13.87	13.57	18.67	37.23	34.42
5	gi|171846278|ref|NP_940980.3|	1734	1748	1283	16.91	8.57	40.35	13.08	12.41	16.91	33.29	29.96
5	gi|171846278|ref|NP_940980.3|	1735	1749	1284	11.58	8.05	34.41	10.81	11.18	11.58	32.67	27.45
5	gi|171846278|ref|NP_940980.3|	1736	1750	1285	14.79	8.11	29.54	14.79	5.34	11.93	44.49	29.08
5	gi|171846278|ref|NP_940980.3|	1737	1751	1286	17.86	16.23	36.18	17.86	6.7	15.26	55.18	30.21
5	gi|171846278|ref|NP_940980.3|	1743	1757	1287	11.85	3.67	6.47	11.85	33.54	55.26	41.29	4.15
5	gi|171846278|ref|NP_940980.3|	1744	1758	1288	10.85	3.5	10.85	10.21	36.01	49.3	36.11	4.14
5	gi|171846278|ref|NP_940980.3|	1745	1759	1289	14.24	3.72	14.24	10.82	49	52.06	29.6	4.01
5	gi|171846278|ref|NP_940980.3|	1746	1760	1290	18.11	3.76	18.11	12.21	53.06	58.39	24.92	10.35

Table 2

5	gi|171846278|ref|NP_940980.3|	1757	1771	1291	12.15	3.93	4.01	22.19	48.68	12.15	17.03	0.64
5	gi|171846278|ref|NP_940980.3|	1758	1772	1292	5.05	3.93	4.01	24.41	47.92	5.05	17.03	0.55
5	gi|171846278|ref|NP_940980.3|	1759	1773	1293	4.66	3.93	4.01	24.93	49.83	4.66	19.69	0.58
5	gi|171846278|ref|NP_940980.3|	1760	1774	1294	4.99	3.93	4.01	26.19	51.85	4.99	20.68	0.59
5	gi|171846278|ref|NP_940980.3|	1761	1775	1295	6.25	3.93	4.01	28.24	61.72	6.25	27.14	0.6
5	gi|171846278|ref|NP_940980.3|	1762	1776	1296	13.62	6.31	7.75	41.07	61.72	13.62	39.36	1.96
5	gi|171846278|ref|NP_940980.3|	1773	1787	1297	16.34	2.18	56.82	16.27	16.34	38.51	1.75	37.02
5	gi|171846278|ref|NP_940980.3|	1801	1815	1298	17.22	10.92	24.24	8.01	50.77	60.15	17.22	16.56
5	gi|171846278|ref|NP_940980.3|	1802	1816	1299	17.22	10.92	24.24	6.04	31.64	44.41	17.22	12.86
5	gi|171846278|ref|NP_940980.3|	1803	1817	1300	17.22	10.92	24.24	5.39	31.64	38.86	17.22	12.86
5	gi|171846278|ref|NP_940980.3|	1804	1818	1301	17.22	10.92	22.53	6.18	19.01	39.99	17.22	12.86
5	gi|171846278|ref|NP_940980.3|	1805	1819	1302	17.22	10.92	22.53	6.52	19.01	42.62	17.22	12.86
5	gi|171846278|ref|NP_940980.3|	1806	1820	1303	18.36	18.36	28.28	7.02	19.01	49.15	17.22	12.86
5	gi|171846278|ref|NP_940980.3|	1807	1821	1304	19.01	18.57	41.43	8.11	19.01	64.06	19.6	12.86
5	gi|171846278|ref|NP_940980.3|	1819	1833	1305	8.94	0.13	73.27	43.33	6.07	24.77	4.79	8.94
5	gi|171846278|ref|NP_940980.3|	1820	1834	1306	8.83	0.13	75.59	38.79	5.38	11.02	3.91	8.83
5	gi|171846278|ref|NP_940980.3|	1821	1835	1307	8.71	0.13	79.76	39.09	4.73	9.78	3.27	8.71
5	gi|171846278|ref|NP_940980.3|	1822	1836	1308	8.85	0.11	82.5	43.72	4.22	9.95	4.23	8.85
5	gi|171846278|ref|NP_940980.3|	1823	1837	1309	12.02	0.13	85.91	46.27	6.41	12.02	7.7	12.37
5	gi|171846278|ref|NP_940980.3|	1846	1860	1310	8.21	8.21	4.1	14.32	7.12	29.62	0.45	14.67
5	gi|171846278|ref|NP_940980.3|	1847	1861	1311	8.21	8.21	3.12	16.73	7.12	16.24	0.43	14.67
5	gi|171846278|ref|NP_940980.3|	1848	1862	1312	8.21	8.21	4.41	16.41	7.12	11.85	0.43	14.67
5	gi|171846278|ref|NP_940980.3|	1849	1863	1313	6.54	2.99	6.54	20.52	5.53	14.96	0.44	14.67
5	gi|171846278|ref|NP_940980.3|	1850	1864	1314	7.81	2.99	7.81	20.52	5.53	17.14	0.46	14.67
5	gi|171846278|ref|NP_940980.3|	1851	1865	1315	11.72	2.99	11.72	37.46	5.53	26.74	4.88	24.53
5	gi|171846278|ref|NP_940980.3|	1852	1866	1316	14.12	2.99	14.12	33.39	5.53	40.64	5.43	20.07
5	gi|171846278|ref|NP_940980.3|	1853	1867	1317	18.76	2.99	28.6	37.96	5.53	44.37	18.35	18.76
5	gi|171846278|ref|NP_940980.3|	1854	1868	1318	11.91	1.59	40.57	11.91	1.38	15.51	15.32	9.97
5	gi|171846278|ref|NP_940980.3|	1855	1869	1319	9.53	1.59	36.45	10.98	1.18	5.75	10.5	9.53
5	gi|171846278|ref|NP_940980.3|	1856	1870	1320	8.11	1.59	20.62	10.98	1.07	2.95	8.11	8.94
5	gi|171846278|ref|NP_940980.3|	1857	1871	1321	9.23	1.48	24.11	10.98	1.12	2.97	9.23	9.54
5	gi|171846278|ref|NP_940980.3|	1858	1872	1322	10.82	1.59	28.02	10.98	2.02	3.65	19.25	10.82
5	gi|171846278|ref|NP_940980.3|	1871	1885	1323	9.61	9.61	5.09	39.1	8.34	30.48	45.74	8.42
5	gi|171846278|ref|NP_940980.3|	1872	1886	1324	9.61	9.61	8.37	39.65	9.04	21.67	42.12	8.42
5	gi|171846278|ref|NP_940980.3|	1873	1887	1325	13.59	9.61	12.46	40.18	13.59	23.57	40.5	8.42
5	gi|171846278|ref|NP_940980.3|	1901	1915	1326	13.98	2.22	13.98	5.84	65.69	14.97	29.57	6.18
5	gi|171846278|ref|NP_940980.3|	1902	1916	1327	2.22	2.22	0.02	0.49	52.08	0.44	23.35	6.18
5	gi|171846278|ref|NP_940980.3|	1903	1917	1328	2.22	2.22	0.01	0.44	38.9	0.06	17.87	6.18
5	gi|171846278|ref|NP_940980.3|	1904	1918	1329	2.22	2.22	0.01	0.7	36.21	0.04	14.66	6.18
5	gi|171846278|ref|NP_940980.3|	1905	1919	1330	2.22	2.22	0.02	0.86	34.24	0.04	9.98	6.18
5	gi|171846278|ref|NP_940980.3|	1906	1920	1331	6.78	6.78	0.04	1.62	32.7	0.06	11.96	8.92
5	gi|171846278|ref|NP_940980.3|	1907	1921	1332	5.06	7.39	0.11	3.83	38.38	0.18	5.06	8.92
5	gi|171846278|ref|NP_940980.3|	1908	1922	1333	2.71	2.71	0.21	2.97	28.91	2.42	0.31	8.82
5	gi|171846278|ref|NP_940980.3|	1909	1923	1334	7.8	2.71	7.8	5.18	27.86	8.4	0.16	9.71
5	gi|171846278|ref|NP_940980.3|	1910	1924	1335	5.93	2.71	6.33	5.18	27.75	5.93	0.08	7.02
5	gi|171846278|ref|NP_940980.3|	1911	1925	1336	6.42	2.63	7.72	5.18	19.61	6.42	0.08	6.99
5	gi|171846278|ref|NP_940980.3|	1912	1926	1337	6.83	2.71	11.52	5.18	23.4	6.83	0.07	10.61
5	gi|171846278|ref|NP_940980.3|	1913	1927	1338	8.31	2.71	15.29	7.43	25.1	8.31	0.11	12.45

Table 2

5	gi|171846278|ref|NP_940980.3|	1914	1928	1339	12.47	2.71	20.24	7.84	28.9	16.63	0.2	12.47
5	gi|171846278|ref|NP_940980.3|	1915	1929	1340	12.55	4.01	33.59	12.55	40.01	26.85	12.23	9.68
5	gi|171846278|ref|NP_940980.3|	1916	1930	1341	18.37	7.55	34.66	12.59	41.57	38.14	18.37	10.17
5	gi|171846278|ref|NP_940980.3|	1917	1931	1342	18.37	7.21	34.66	12.58	44.73	49.86	18.37	10.08
5	gi|171846278|ref|NP_940980.3|	1918	1932	1343	13.89	13.89	5.5	6.34	48.42	38.77	18.37	8.73
5	gi|171846278|ref|NP_940980.3|	1919	1933	1344	10.51	10.51	1.36	5.77	37.72	20.56	18.37	7.98
5	gi|171846278|ref|NP_940980.3|	1920	1934	1345	12.77	11.53	1.76	4.97	44.01	13.91	18.37	12.77
5	gi|171846278|ref|NP_940980.3|	1921	1935	1346	11.34	11.34	1.62	4.94	44.32	9.33	18.37	12.5
5	gi|171846278|ref|NP_940980.3|	1922	1936	1347	13.64	13.64	1.8	10.74	38.9	8.2	26.47	16.05
5	gi|171846278|ref|NP_940980.3|	1923	1937	1348	14.8	14.8	2.75	10.64	50.97	9.69	26.44	19.57
5	gi|171846278|ref|NP_940980.3|	1926	1940	1349	10.74	17.9	6.35	3.75	10.74	39.51	22.53	3.73
5	gi|171846278|ref|NP_940980.3|	1927	1941	1350	10.74	10.87	8.69	3.75	10.74	22.25	14.3	1.16
5	gi|171846278|ref|NP_940980.3|	1928	1942	1351	11.34	11.39	11.34	5.18	10.74	18.42	14.3	1.16
5	gi|171846278|ref|NP_940980.3|	1929	1943	1352	8.72	6.45	14.78	5.18	10.74	8.72	14.3	1.16
5	gi|171846278|ref|NP_940980.3|	1930	1944	1353	5.18	1.99	19.27	5.18	10.74	4.64	14.3	1.16
5	gi|171846278|ref|NP_940980.3|	1931	1945	1354	5.18	1.56	7.54	5.18	10.74	2.76	13.37	1.16
5	gi|171846278|ref|NP_940980.3|	1932	1946	1355	5.18	1.49	8.01	5.18	10.74	2.16	14.3	1.16
5	gi|171846278|ref|NP_940980.3|	1933	1947	1356	11.51	1.79	11.68	11.51	23.01	2.96	14.3	1.16
5	gi|171846278|ref|NP_940980.3|	1934	1948	1357	11.51	3.57	16.58	11.51	52.66	5.54	23.82	4.54
5	gi|171846278|ref|NP_940980.3|	1935	1949	1358	11.51	6.21	22.87	11.51	64.5	13.38	6.76	4.69
5	gi|171846278|ref|NP_940980.3|	1939	1953	1359	15.2	2.95	60.92	17.89	22.43	15.2	2.5	2.56
5	gi|171846278|ref|NP_940980.3|	1940	1954	1360	6.52	2.95	60.92	6.52	22.43	7.49	1.88	2.03
5	gi|171846278|ref|NP_940980.3|	1941	1955	1361	4.09	2.95	57.18	6	22.43	4.09	2.71	1.86
5	gi|171846278|ref|NP_940980.3|	1942	1956	1362	5	2.95	53.12	6.11	22.43	5	2.82	1.91
5	gi|171846278|ref|NP_940980.3|	1943	1957	1363	6.08	2.95	53.12	6.08	22.43	5.52	15.5	0.7
5	gi|171846278|ref|NP_940980.3|	1944	1958	1364	10.28	2.95	53.03	7.94	22.43	10.28	32.11	0.84
5	gi|171846278|ref|NP_940980.3|	1953	1967	1365	9.39	2.66	44.78	17.93	9.39	14.73	6.5	7.95
5	gi|171846278|ref|NP_940980.3|	1954	1968	1366	7.95	2.66	46.18	18.91	8.13	7.06	7.23	7.95
5	gi|171846278|ref|NP_940980.3|	1955	1969	1367	7.95	1.88	46.91	18.86	7.12	5.25	8.37	7.95
5	gi|171846278|ref|NP_940980.3|	1956	1970	1368	17.98	1.3	27.96	17.98	5.83	4.97	19.97	19.73
5	gi|171846278|ref|NP_940980.3|	1957	1971	1369	19.73	1.9	30.8	19.77	9.24	4.56	27.95	19.73
5	gi|171846278|ref|NP_940980.3|	1958	1972	1370	19.73	2.66	26.38	34.48	17.04	11.19	28.68	19.73
5	gi|171846278|ref|NP_940980.3|	1961	1975	1371	15.22	25.87	1.02	23.39	24.47	15.22	6.43	14.65
5	gi|171846278|ref|NP_940980.3|	1962	1976	1372	13.94	18.57	0.74	22.08	24.47	9.49	5.53	13.94
5	gi|171846278|ref|NP_940980.3|	1963	1977	1373	14.15	15.11	1.12	22.24	24.47	7.25	4.04	14.15
5	gi|171846278|ref|NP_940980.3|	1964	1978	1374	6.83	14.24	0.61	6.83	24.47	6.12	3.26	7.63
5	gi|171846278|ref|NP_940980.3|	1965	1979	1375	6.57	14.24	0.74	6.57	24.47	5.12	3.72	6.94
5	gi|171846278|ref|NP_940980.3|	1966	1980	1376	7.51	14.24	1.06	6.95	19.43	8.38	4.23	7.51
5	gi|171846278|ref|NP_940980.3|	1967	1981	1377	9.54	14.24	2.75	8.86	19.43	12.95	4.8	9.54
5	gi|171846278|ref|NP_940980.3|	1968	1982	1378	14.1	14.24	3.29	8.18	19.43	14.65	4.34	14.1
5	gi|171846278|ref|NP_940980.3|	1969	1983	1379	14.24	14.24	5.22	12.56	19.43	20.38	5.08	19.73
5	gi|171846278|ref|NP_940980.3|	1970	1984	1380	11.07	12.33	5.34	12.68	19.43	11.07	4.54	4.34
5	gi|171846278|ref|NP_940980.3|	1971	1985	1381	5.01	8.54	16.25	12.39	4.08	4.3	5.01	4.34
5	gi|171846278|ref|NP_940980.3|	1972	1986	1382	4.34	4.08	17.42	11.89	4.1	3.36	5.5	4.34
5	gi|171846278|ref|NP_940980.3|	1973	1987	1383	4.34	3.4	20.88	12.33	4.18	3.32	21.5	4.34
5	gi|171846278|ref|NP_940980.3|	1974	1988	1384	5.59	5.59	20.88	13.86	4.39	5.49	22.38	4.34
5	gi|171846278|ref|NP_940980.3|	1975	1989	1385	8.85	8.6	39.87	15.89	6.9	8.41	25.14	8.85
5	gi|171846278|ref|NP_940980.3|	1976	1990	1386	2.22	6.78	0.03	0.51	10.32	2.22	9	0.72

Table 2

5	gi|171846278|ref|NP_940980.3|	1977	1991	1387	0.63	16.08	0.02	0.51	14.03	0.63	7.15	0.48
5	gi|171846278|ref|NP_940980.3|	1978	1992	1388	0.51	4.77	0.02	0.51	8.4	0.18	5.17	0.34
5	gi|171846278|ref|NP_940980.3|	1979	1993	1389	0.51	3.47	0.02	0.51	8.53	0.09	4.33	0.23
5	gi|171846278|ref|NP_940980.3|	1980	1994	1390	0.51	3.46	0.02	0.51	5.22	0.12	4.12	0.42
5	gi|171846278|ref|NP_940980.3|	1981	1995	1391	1.45	3.29	0.11	1.45	5.22	0.23	3.3	0.63
5	gi|171846278|ref|NP_940980.3|	1982	1996	1392	2.2	3.24	0.11	1.66	5.22	2.2	2.74	1.15
5	gi|171846278|ref|NP_940980.3|	1983	1997	1393	6.29	4.01	11.05	8.59	5.22	11.02	6.29	3.19
5	gi|171846278|ref|NP_940980.3|	1984	1998	1394	6.4	4.01	15.57	7.79	5.22	21.61	6.4	4.15
5	gi|171846278|ref|NP_940980.3|	1985	1999	1395	6.49	0.99	48.32	6.55	5.22	27.07	6.49	4.28
5	gi|171846278|ref|NP_940980.3|	1986	2000	1396	6.77	0.95	13.2	6.77	5.22	18.26	8.44	5.87
5	gi|171846278|ref|NP_940980.3|	1987	2001	1397	8.56	0.87	10.01	7.16	14.1	8.56	10.94	5.86
5	gi|171846278|ref|NP_940980.3|	1988	2002	1398	7.32	0.94	7.32	7.45	12.39	5.36	16.08	5.5
5	gi|171846278|ref|NP_940980.3|	1989	2003	1399	5.44	0.71	4.67	7.18	16.93	4.19	39.82	5.44
5	gi|171846278|ref|NP_940980.3|	1990	2004	1400	7.18	1.53	7.18	9.79	18.54	5.68	47.07	5.71
5	gi|171846278|ref|NP_940980.3|	1991	2005	1401	12.21	1.45	9.77	17.95	18.81	8.77	31.25	12.21
5	gi|171846278|ref|NP_940980.3|	1992	2006	1402	16.18	1.77	14.49	21.97	18.79	16.18	31.25	12.41
5	gi|171846278|ref|NP_940980.3|	1997	2011	1403	7.46	11.56	5.02	1.14	0.05	16.49	18.64	7.46
5	gi|171846278|ref|NP_940980.3|	1998	2012	1404	7.46	11.56	4.28	1.13	0.05	8.1	18.64	7.46
5	gi|171846278|ref|NP_940980.3|	1999	2013	1405	5.02	8.21	5.02	1.29	0.04	4.53	18.64	7.46
5	gi|171846278|ref|NP_940980.3|	2000	2014	1406	3.46	8.21	5.02	1.31	0.04	3.46	18.64	2.68
5	gi|171846278|ref|NP_940980.3|	2001	2015	1407	3.52	8.21	5.02	1.83	0.05	3.52	18.64	2.68
5	gi|171846278|ref|NP_940980.3|	2002	2016	1408	5.02	16.23	5.02	3.29	0.38	5.09	18.64	4.22
5	gi|171846278|ref|NP_940980.3|	2003	2017	1409	7.61	17.92	5.02	7.61	0.42	10.72	18.64	4.62
5	gi|171846278|ref|NP_940980.3|	2004	2018	1410	19.14	14.18	19.14	31.41	16.35	22.68	39.15	12.08
5	gi|171846278|ref|NP_940980.3|	2005	2019	1411	16.35	9.24	21.52	15.77	16.35	43.58	32.28	11.91
5	gi|171846278|ref|NP_940980.3|	2006	2020	1412	17.06	21.07	17.06	10.43	5.25	43.66	32.28	7.8
5	gi|171846278|ref|NP_940980.3|	2045	2059	1413	16.57	6.18	46.12	27.55	26.1	13.88	2.88	16.57
5	gi|171846278|ref|NP_940980.3|	2046	2060	1414	16.57	6.18	55.5	28.33	25.78	15.15	3.01	16.57
5	gi|171846278|ref|NP_940980.3|	2047	2061	1415	16.57	6.18	45.04	18.29	27.14	15.87	12.9	16.57
5	gi|171846278|ref|NP_940980.3|	2053	2067	1416	16.62	14.41	37.73	8.33	41.52	67.43	16.62	9.61
5	gi|171846278|ref|NP_940980.3|	2054	2068	1417	14.41	14.41	37.73	9.14	44.81	71.22	12.41	13.82
5	gi|171846278|ref|NP_940980.3|	2055	2069	1418	14.65	10.25	37.73	8.91	48.41	74.01	11.86	14.65
5	gi|171846278|ref|NP_940980.3|	2056	2070	1419	16.95	3	37.73	9.46	17.48	64.25	11.88	16.95
5	gi|171846278|ref|NP_940980.3|	2057	2071	1420	16.77	3.18	37.73	9.37	18.34	59.98	10.99	16.77
5	gi|171846278|ref|NP_940980.3|	2058	2072	1421	10.08	3.13	37.73	9.02	19.09	40.88	10.08	1.69
5	gi|171846278|ref|NP_940980.3|	2059	2073	1422	9.55	2.97	9.55	9.52	17.74	25.5	10.19	1.69
5	gi|171846278|ref|NP_940980.3|	2060	2074	1423	8.26	2.8	4.59	8.26	18.53	15.83	17.56	1.69
5	gi|171846278|ref|NP_940980.3|	2061	2075	1424	8.49	5.55	6.83	8.49	18.53	15.74	17.56	1.69
5	gi|171846278|ref|NP_940980.3|	2062	2076	1425	13.64	5.9	11.3	13.64	18.53	21.6	19.98	1.69
5	gi|171846278|ref|NP_940980.3|	2063	2077	1426	13.96	9.47	13.96	13.64	18.53	27.42	25.16	3.72
5	gi|171846278|ref|NP_940980.3|	2064	2078	1427	14.01	9.47	14.01	13.64	18.53	42.81	31.53	3.89
5	gi|171846278|ref|NP_940980.3|	2065	2079	1428	18.06	10.77	14.01	20.32	18.53	54.46	18.06	10.99
5	gi|171846278|ref|NP_940980.3|	2123	2137	1429	15.04	26.07	4.59	15.04	31.77	36.77	10.5	5.42
5	gi|171846278|ref|NP_940980.3|	2124	2138	1430	19.74	26.07	4.17	15.04	22.56	19.74	28.87	5.42
5	gi|171846278|ref|NP_940980.3|	2125	2139	1431	13.04	13.04	5.3	7.41	25.06	16.94	54.77	5.42
5	gi|171846278|ref|NP_940980.3|	2126	2140	1432	10.87	10.87	3.86	7.41	24.76	12.83	50.46	5.42
5	gi|171846278|ref|NP_940980.3|	2127	2141	1433	10.87	10.87	5.45	7.41	24.52	13.59	51.36	5.42
5	gi|171846278|ref|NP_940980.3|	2128	2142	1434	12.56	10.87	8.16	12.56	31.22	18.47	53.24	5.42

Table 2

5	gi|171846278|ref|NP_940980.3|	2129	2143	1435	14.3	10.87	11.03	14.3	36.24	28.93	54.81	5.42
5	gi|171846278|ref|NP_940980.3|	2132	2146	1436	13.19	0.57	4.56	13.19	38.3	37.46	23.83	10.36
5	gi|171846278|ref|NP_940980.3|	2133	2147	1437	13.47	0.47	4.56	13.47	37.5	37.56	23.83	11.25
5	gi|171846278|ref|NP_940980.3|	2134	2148	1438	12.43	0.34	4.56	12.43	45.77	34.09	23.83	6.71
5	gi|171846278|ref|NP_940980.3|	2135	2149	1439	12.29	0.35	4.56	12.29	52.73	35.23	19.74	6.87
5	gi|171846278|ref|NP_940980.3|	2136	2150	1440	5.86	0.92	4.56	5.29	59.09	35.18	15.13	5.86
5	gi|171846278|ref|NP_940980.3|	2137	2151	1441	5.34	2.37	4.56	4.57	44.96	27.43	15.77	5.34
5	gi|171846278|ref|NP_940980.3|	2138	2152	1442	6.99	5.38	6.99	2.38	27.34	15.98	18.6	5.79
5	gi|171846278|ref|NP_940980.3|	2139	2153	1443	14.44	9.47	18.76	3.7	27.34	14.44	22.86	11.66
5	gi|171846278|ref|NP_940980.3|	2140	2154	1444	15.62	9.47	22.39	3.7	27.34	15.62	19.85	11.66
5	gi|171846278|ref|NP_940980.3|	2141	2155	1445	17.74	9.47	27.26	3.98	27.34	17.74	16.46	26.1
5	gi|171846278|ref|NP_940980.3|	2149	2163	1446	19.74	8.98	29.67	19.74	46.06	44.44	19.74	6.03
5	gi|171846278|ref|NP_940980.3|	2153	2167	1447	16.99	10.22	6.79	35.55	16.99	45.02	34.59	11.38
5	gi|171846278|ref|NP_940980.3|	2154	2168	1448	19.11	10.22	6.79	39.74	16.99	49.85	41.39	19.11
5	gi|171846278|ref|NP_940980.3|	2155	2169	1449	16.99	10.4	6.79	16.02	16.99	56.08	41.6	20.5
5	gi|171846278|ref|NP_940980.3|	2193	2207	1450	19.06	10.87	22.83	7.34	42.57	62.32	19.06	12.04
5	gi|171846278|ref|NP_940980.3|	2194	2208	1451	19.06	10.87	29.01	7.51	45.73	64.5	19.06	9.97
5	gi|171846278|ref|NP_940980.3|	2195	2209	1452	10.87	10.87	11.58	6.72	32.02	58.82	6.81	9.97
5	gi|171846278|ref|NP_940980.3|	2196	2210	1453	9.97	9.47	15.48	8.16	32.02	57.13	4.99	9.97
5	gi|171846278|ref|NP_940980.3|	2197	2211	1454	12.74	9.47	20.55	9.24	32.02	47.78	4.8	12.74
5	gi|171846278|ref|NP_940980.3|	2198	2212	1455	15.97	4.1	27.06	15.97	32.02	38.89	5.23	11.11
5	gi|171846278|ref|NP_940980.3|	2199	2213	1456	17.4	9.77	35.12	17.4	32.02	35.31	7.74	15.5
5	gi|171846278|ref|NP_940980.3|	2244	2258	1457	19.3	14.38	39.51	19.3	50.54	18.23	47.25	4.21
5	gi|171846278|ref|NP_940980.3|	2258	2272	1458	9.3	7.43	9.3	25.08	7.33	24.77	58.14	5.39
5	gi|171846278|ref|NP_940980.3|	2259	2273	1459	10.05	6.42	10.05	25.29	7.33	17.94	54.75	5.29
5	gi|171846278|ref|NP_940980.3|	2260	2274	1460	9.58	5.69	9.58	25.34	7.33	15.11	51.11	5.14
5	gi|171846278|ref|NP_940980.3|	2261	2275	1461	10.51	5.69	10.51	30.63	7.33	18.13	55.42	6.9
5	gi|171846278|ref|NP_940980.3|	2262	2276	1462	17.94	5.69	14.86	37.14	17.94	26.61	59.24	10
5	gi|171846278|ref|NP_940980.3|	2268	2282	1463	14.81	3.26	14.81	7.67	5.87	19.22	37.59	22.78
5	gi|171846278|ref|NP_940980.3|	2269	2283	1464	7.51	3.12	16.9	7.51	5.52	6.95	34.88	17.8
5	gi|171846278|ref|NP_940980.3|	2270	2284	1465	7.65	2.72	22.46	7.65	5.72	5.61	30.6	17.8
5	gi|171846278|ref|NP_940980.3|	2271	2285	1466	17.29	2.1	25.36	17.29	5.62	4.52	31.89	17.8
5	gi|171846278|ref|NP_940980.3|	2272	2286	1467	17.8	3.26	29.24	17.83	10.49	6.7	47.29	17.8
5	gi|171846278|ref|NP_940980.3|	2273	2287	1468	18.21	3.26	29.24	40.01	18.21	13.09	29.64	17.8
5	gi|171846278|ref|NP_940980.3|	2274	2288	1469	9.44	3.26	19.82	9.08	25.17	24.63	6.39	9.44
5	gi|171846278|ref|NP_940980.3|	2275	2289	1470	12.91	12.91	22.55	8.93	27.8	23.16	6.38	9.44
5	gi|171846278|ref|NP_940980.3|	2276	2290	1471	3.7	4.01	1.38	5.91	27.8	2.42	3.7	3.19
5	gi|171846278|ref|NP_940980.3|	2277	2291	1472	3.46	4.01	0.76	3.63	27.8	0.37	3.46	3.19
5	gi|171846278|ref|NP_940980.3|	2278	2292	1473	3.4	4.01	0.81	3.68	27.8	0.21	3.4	3.19
5	gi|171846278|ref|NP_940980.3|	2279	2293	1474	3.61	4.54	0.56	4.93	27.8	0.21	3.61	3.01
5	gi|171846278|ref|NP_940980.3|	2280	2294	1475	4.56	4.56	0.81	7.38	55.91	0.54	11.42	3.19
5	gi|171846278|ref|NP_940980.3|	2281	2295	1476	13.95	16.28	1.54	21.29	55.91	2.43	13.95	3.19
5	gi|171846278|ref|NP_940980.3|	2282	2296	1477	14.66	16.62	2.6	6.08	74.11	21.33	14.66	3.19
5	gi|171846278|ref|NP_940980.3|	2284	2298	1478	18.92	14.35	38.44	4.41	66.01	25.38	18.92	17.17
5	gi|171846278|ref|NP_940980.3|	2285	2299	1479	17.77	15.11	44.15	4.57	66.01	22.11	16.91	17.77
5	gi|171846278|ref|NP_940980.3|	2286	2300	1480	18.65	12.26	24.88	4.94	66.01	16.83	19.27	18.65
5	gi|171846278|ref|NP_940980.3|	2287	2301	1481	16.72	10.1	16.72	7.71	50.01	14.21	23.2	25
5	gi|171846278|ref|NP_940980.3|	2289	2303	1482	18.01	11.61	18.01	8.76	41.9	15.22	30.6	33.03

Table 2

5	gi|171846278|ref|NP_940980.3|	2318	2332	1483	10.51	27.22	1.1	6.79	10.51	41.51	31.81	9.44
5	gi|171846278|ref|NP_940980.3|	2319	2333	1484	11.33	27.22	1.54	5.39	11.33	32.67	30.72	9.44
5	gi|171846278|ref|NP_940980.3|	2320	2334	1485	5.11	4.67	2.32	5.11	2.22	20.2	30.72	6.18
5	gi|171846278|ref|NP_940980.3|	2321	2335	1486	6.18	3.39	2.72	6.43	1.86	10.36	8.88	6.18
5	gi|171846278|ref|NP_940980.3|	2322	2336	1487	6.18	2.62	2.57	6.88	1.58	7.44	8.43	6.18
5	gi|171846278|ref|NP_940980.3|	2323	2337	1488	6.18	2.74	4.54	21.82	1.53	8.85	7.92	6.18
5	gi|171846278|ref|NP_940980.3|	2324	2338	1489	6.18	4.67	6.61	25.57	2.68	12.83	4.86	6.18
5	gi|171846278|ref|NP_940980.3|	2325	2339	1490	7.59	4.67	25.57	25.42	4.74	19.32	3.47	7.59
5	gi|171846278|ref|NP_940980.3|	2326	2340	1491	6.18	4.67	27.85	18.97	6	30.09	1.77	6.18
5	gi|171846278|ref|NP_940980.3|	2327	2341	1492	17.55	15.89	33.56	17.55	58.9	33.97	1.48	8.92
5	gi|171846278|ref|NP_940980.3|	2328	2342	1493	17.68	15.89	39.86	17.68	66.43	32.41	4.5	8.92
5	gi|171846278|ref|NP_940980.3|	2329	2343	1494	15.89	15.89	0.34	19.6	74	22.13	8.3	8.92
5	gi|171846278|ref|NP_940980.3|	2330	2344	1495	13.62	15.89	0.29	16.61	37.47	13.62	8.8	8.92
5	gi|171846278|ref|NP_940980.3|	2331	2345	1496	14.3	14.3	0.4	21.08	35.57	11.65	8.51	16.57
5	gi|171846278|ref|NP_940980.3|	2332	2346	1497	10.38	9.75	0.56	23.91	32.16	10.38	8.4	16.57
5	gi|171846278|ref|NP_940980.3|	2333	2347	1498	17.12	10.08	1.02	26.62	31.89	13.67	21.2	17.12
5	gi|171846278|ref|NP_940980.3|	2337	2351	1499	19.25	41.19	19.25	14.58	7.65	55.73	35	17.18
5	gi|171846278|ref|NP_940980.3|	2338	2352	1500	17.18	36.08	14.92	14.6	6.96	44.57	23.9	17.18
5	gi|171846278|ref|NP_940980.3|	2339	2353	1501	17.18	38.24	16.26	13.64	7.73	42.43	23.9	17.18
5	gi|171846278|ref|NP_940980.3|	2340	2354	1502	17.18	37.57	7.39	11.81	6.24	35.93	24.41	17.18
5	gi|171846278|ref|NP_940980.3|	2341	2355	1503	17.18	38.85	3.33	14.08	3.4	28.99	23.9	17.18
5	gi|171846278|ref|NP_940980.3|	2342	2356	1504	18.59	21.22	4.48	15.19	0.53	27.04	23.9	18.59
5	gi|171846278|ref|NP_940980.3|	2351	2365	1505	7.38	0.07	7.38	9.82	0.31	23.12	15.33	5.79
5	gi|171846278|ref|NP_940980.3|	2352	2366	1506	9.48	0.07	9.7	9.48	0.35	13.28	14.38	5.79
5	gi|171846278|ref|NP_940980.3|	2353	2367	1507	9.43	0.07	13.54	9.43	0.44	10.43	15.28	5.79
5	gi|171846278|ref|NP_940980.3|	2354	2368	1508	9.96	0.07	18.67	9.96	0.57	10.19	16.86	5.79
5	gi|171846278|ref|NP_940980.3|	2355	2369	1509	10.5	0.07	24.94	10.5	1.12	13.09	30.77	5.79
5	gi|171846278|ref|NP_940980.3|	2356	2370	1510	13.2	0.1	40.06	13.2	2.08	20.32	28.53	9.31
5	gi|171846278|ref|NP_940980.3|	2357	2371	1511	16.73	0.1	46.12	16.73	3.64	39.26	24.18	8.91
5	gi|171846278|ref|NP_940980.3|	2358	2372	1512	18.16	10.1	18.16	13.85	24.68	26.53	19.81	9.97
5	gi|171846278|ref|NP_940980.3|	2359	2373	1513	12.87	9.44	14.78	12.87	20.68	8.63	15.57	9.97
5	gi|171846278|ref|NP_940980.3|	2360	2374	1514	12.95	9.07	18.01	12.87	20.29	6.3	12.95	15.9
5	gi|171846278|ref|NP_940980.3|	2361	2375	1515	12.87	8.71	14.13	12.87	18.97	3.82	10.05	15.9
5	gi|171846278|ref|NP_940980.3|	2362	2376	1516	12.87	9.38	17.49	12.87	26.46	4.12	9.46	15.9
5	gi|171846278|ref|NP_940980.3|	2363	2377	1517	17.58	17.58	20.76	12.87	40.06	7	29.13	15.9
5	gi|171846278|ref|NP_940980.3|	2384	2398	1518	9.17	6.83	6.66	9.17	12.1	39.51	5.43	10.29
5	gi|171846278|ref|NP_940980.3|	2385	2399	1519	9.17	6.42	8.42	9.17	16.17	29.32	5.19	16.41
5	gi|171846278|ref|NP_940980.3|	2386	2400	1520	11.19	6.02	11.62	9.17	49.91	22.74	4.77	11.19
5	gi|171846278|ref|NP_940980.3|	2387	2401	1521	13.6	9.83	15.14	9.17	52.81	21.01	4.77	13.6
5	gi|171846278|ref|NP_940980.3|	2388	2402	1522	14.3	14.3	20.98	9.17	54.56	20.44	4.86	13
5	gi|171846278|ref|NP_940980.3|	2389	2403	1523	15.15	15.15	25.12	14.4	55.56	21.56	10.94	14.37
5	gi|171846278|ref|NP_940980.3|	2390	2404	1524	15.15	15.15	29.1	14.23	65.32	26.53	10.81	11.25
5	gi|171846278|ref|NP_940980.3|	2403	2417	1525	19.54	7.21	19.54	7.39	53.61	11.95	38.93	19.98
5	gi|171846278|ref|NP_940980.3|	2405	2419	1526	12.45	7.21	6.18	11.61	59.68	12.45	38.93	27.32
5	gi|171846278|ref|NP_940980.3|	2411	2425	1527	11.27	15.89	11.27	10.25	46.07	17.72	4.67	10.34
5	gi|171846278|ref|NP_940980.3|	2412	2426	1528	10.25	15.89	14.28	10.25	46.07	8.41	4.27	7.2
5	gi|171846278|ref|NP_940980.3|	2413	2427	1529	5.82	6.07	5.13	8.35	23.66	3.12	3.15	5.82
5	gi|171846278|ref|NP_940980.3|	2414	2428	1530	6.59	6.07	8.63	8.71	24.81	2.42	3.52	6.59

Table 2

5	gi|171846278|ref|NP_940980.3|	2415	2429	1531	9.49	6.07	11.53	9.17	25.31	2.28	9.63	9.49
5	gi|171846278|ref|NP_940980.3|	2416	2430	1532	12.87	6.07	17.41	12.87	27.27	3.88	21.52	12.23
5	gi|171846278|ref|NP_940980.3|	2417	2431	1533	18.89	6.07	21.82	18.89	27.27	7.5	29.83	12.23
5	gi|171846278|ref|NP_940980.3|	2428	2442	1534	18.5	11.95	73.99	18.5	73.26	47.73	14.75	7.34
5	gi|171846278|ref|NP_940980.3|	2429	2443	1535	5.29	0.41	58.87	5.29	6.24	4.72	11.83	1.87
5	gi|171846278|ref|NP_940980.3|	2430	2444	1536	2.3	0.41	3.45	2.3	5.41	0.83	7.77	1.87
5	gi|171846278|ref|NP_940980.3|	2431	2445	1537	1.87	0.07	1.78	2.11	4.79	0.27	4.74	1.87
5	gi|171846278|ref|NP_940980.3|	2432	2446	1538	2.03	0.03	2.03	2.05	5.06	0.12	3.14	1.87
5	gi|171846278|ref|NP_940980.3|	2433	2447	1539	2.03	0.03	2.03	2.19	8.58	0.14	11.41	1.87
5	gi|171846278|ref|NP_940980.3|	2434	2448	1540	2.03	0.04	2.03	3.51	13.14	0.37	20.66	1.87
5	gi|171846278|ref|NP_940980.3|	2435	2449	1541	6.18	0.11	2.03	7.55	19.83	1.96	16.99	6.18
5	gi|171846278|ref|NP_940980.3|	2436	2450	1542	9.98	2.12	2.21	9.98	33.65	11.18	7	16.42
5	gi|171846278|ref|NP_940980.3|	2437	2451	1543	10.62	5.29	2.82	16.16	10.62	27.91	7	21.37
5	gi|171846278|ref|NP_940980.3|	2438	2452	1544	17.72	18.05	23.56	11.19	10.62	35.41	9.68	17.72
5	gi|171846278|ref|NP_940980.3|	2439	2453	1545	10.62	20.69	20.48	1.75	10.62	21.86	5.98	3.25
5	gi|171846278|ref|NP_940980.3|	2440	2454	1546	10.62	41.47	20.48	1.79	10.62	17.18	8.7	3.23
5	gi|171846278|ref|NP_940980.3|	2441	2455	1547	7.74	4.37	22.11	1.52	10.62	9.27	7.74	3
5	gi|171846278|ref|NP_940980.3|	2442	2456	1548	4.69	4.37	22.11	1.05	10.62	4.69	7.84	2.35
5	gi|171846278|ref|NP_940980.3|	2443	2457	1549	2.2	4.37	0.98	0.94	10.62	2.2	11.91	1.4
5	gi|171846278|ref|NP_940980.3|	2444	2458	1550	1.88	4.37	0.93	1	12.51	1.08	12.93	1.88
5	gi|171846278|ref|NP_940980.3|	2445	2459	1551	1.79	4.37	0.79	1.04	13.96	0.81	15.11	1.79
5	gi|171846278|ref|NP_940980.3|	2446	2460	1552	4.37	4.37	0.8	1.68	16	0.91	19.83	8.92
5	gi|171846278|ref|NP_940980.3|	2447	2461	1553	4.37	4.37	0.99	2.79	21.98	1.75	17.46	8.92
5	gi|171846278|ref|NP_940980.3|	2448	2462	1554	8.92	4.37	1.75	12.3	30.13	3.6	19.29	8.92
5	gi|171846278|ref|NP_940980.3|	2449	2463	1555	3.93	1.75	2.81	6.61	19.36	8.68	2.43	3.93
5	gi|171846278|ref|NP_940980.3|	2450	2464	1556	12.5	1.75	13.7	12.5	19.36	14.96	0.98	7.17
5	gi|171846278|ref|NP_940980.3|	2451	2465	1557	13.01	1.75	15.68	13.01	19.36	23.67	0.99	7.12
5	gi|171846278|ref|NP_940980.3|	2452	2466	1558	11.44	4.61	15.35	11.44	19.36	24.6	0.91	6.61
5	gi|171846278|ref|NP_940980.3|	2453	2467	1559	10.79	4.51	26.24	10.79	19.36	14.91	0.91	1.99
5	gi|171846278|ref|NP_940980.3|	2454	2468	1560	11.68	5.42	28.71	14.68	19.36	11.68	1.43	2.09
5	gi|171846278|ref|NP_940980.3|	2455	2469	1561	10	5.42	32.16	16.43	19.36	10	2.4	1.99
5	gi|171846278|ref|NP_940980.3|	2456	2470	1562	10.03	5.82	39.51	19.73	73.79	10.03	5.88	5.05
5	gi|171846278|ref|NP_940980.3|	2457	2471	1563	5.79	5.79	3.06	3.43	75.22	10.51	9.35	5.05
5	gi|171846278|ref|NP_940980.3|	2458	2472	1564	8.83	10.81	3.93	4.75	62.74	8.83	20.86	7.95
5	gi|171846278|ref|NP_940980.3|	2459	2473	1565	10.53	18.67	4.85	4.75	53.09	9.37	18.75	10.53
5	gi|171846278|ref|NP_940980.3|	2460	2474	1566	10.07	5.51	10.07	4.75	52.34	12.58	16.75	8.92
5	gi|171846278|ref|NP_940980.3|	2461	2475	1567	15.51	8.19	15.51	4.75	49.09	15.88	15.71	8.92
5	gi|171846278|ref|NP_940980.3|	2462	2476	1568	15.89	10.99	20.99	7.76	52.89	25.91	15.89	11.24
5	gi|171846278|ref|NP_940980.3|	2463	2477	1569	19.44	6.93	26.22	4.75	58.07	41.35	19.44	0.74
5	gi|171846278|ref|NP_940980.3|	2466	2480	1570	17.49	7.15	55.8	1.06	70.09	17.49	31.59	0.57
5	gi|171846278|ref|NP_940980.3|	2467	2481	1571	17.83	4.75	57.85	1	70.09	17.83	31.59	0.6
5	gi|171846278|ref|NP_940980.3|	2509	2523	1572	19.13	6.18	70.07	42.7	21.96	19.13	19.09	7.77
6	gi|55740398|gb|AAV63975.1|	12	26	1573	16.65	15.8	22.94	16.65	71.25	23.51	5.43	9.44
6	gi|55740398|gb|AAV63975.1|	13	27	1574	14.96	14.96	27.1	8.11	71.25	19.01	3.82	9.44
6	gi|55740398|gb|AAV63975.1|	14	28	1575	14.88	14.88	29.72	6.36	34.24	16.1	0.61	9.44
6	gi|55740398|gb|AAV63975.1|	15	29	1576	9.44	5.36	29.72	7.41	24.94	13.69	1.24	9.44
6	gi|55740398|gb|AAV63975.1|	16	30	1577	9.44	5.19	43.27	7.41	24.94	13.57	1.26	9.44
6	gi|55740398|gb|AAV63975.1|	17	31	1578	10.54	5.17	51	10.54	24.94	14.44	4.01	9.44

Table 2

6	gi|55740398|gb|AAV63975.1|	18	32	1579	15.91	5	51	15.91	24.94	16.9	4.38	11.52
6	gi|55740398|gb|AAV63975.1|	29	43	1580	13.4	10.79	41.36	13.4	15.69	66.65	1.43	12.23
6	gi|55740398|gb|AAV63975.1|	30	44	1581	9.95	6.85	18.26	6.46	15.69	55.27	0.97	9.95
6	gi|55740398|gb|AAV63975.1|	31	45	1582	9.95	4.12	19.01	5.98	19.94	47.65	0.99	9.95
6	gi|55740398|gb|AAV63975.1|	32	46	1583	6.17	2.94	22.8	5.63	6.17	42.73	1.01	9.95
6	gi|55740398|gb|AAV63975.1|	33	47	1584	5.73	4.28	27.49	5.73	5.68	40.84	0.97	9.95
6	gi|55740398|gb|AAV63975.1|	34	48	1585	8.81	5.5	32.03	8.81	5.62	43.61	0.93	14.13
6	gi|55740398|gb|AAV63975.1|	35	49	1586	13.95	6.25	38.01	13.95	5.74	50.6	1.9	21.13
6	gi|55740398|gb|AAV63975.1|	36	50	1587	17.38	6.71	40.87	17.38	8.33	56.48	9.32	32.9
6	gi|55740398|gb|AAV63975.1|	37	51	1588	10.82	6.71	7.09	2.34	11.76	32.61	51.07	10.82
6	gi|55740398|gb|AAV63975.1|	38	52	1589	10.92	6.71	7.47	2.11	17.49	20.61	51.24	10.92
6	gi|55740398|gb|AAV63975.1|	39	53	1590	8.98	8.98	7.06	1.98	36.52	9.63	46.5	4.69
6	gi|55740398|gb|AAV63975.1|	40	54	1591	5.15	8.98	5.15	1.77	33.29	4.38	43.9	4.69
6	gi|55740398|gb|AAV63975.1|	41	55	1592	4.69	8.98	1.59	1.67	12.95	2.53	42.88	4.69
6	gi|55740398|gb|AAV63975.1|	42	56	1593	4.69	8.98	2.27	2.34	12.99	2.18	44.15	4.69
6	gi|55740398|gb|AAV63975.1|	43	57	1594	4.8	8.98	4.03	4.8	14.68	4.74	55.79	4.69
6	gi|55740398|gb|AAV63975.1|	44	58	1595	16.29	18.81	7.64	27.95	16.29	10.53	38.3	4.69
6	gi|55740398|gb|AAV63975.1|	52	66	1596	10.25	10.25	4.94	7.4	50.47	5.98	17.89	21.62
6	gi|55740398|gb|AAV63975.1|	53	67	1597	11.25	11.25	6.64	9.68	35.42	9.08	16.93	21.62
6	gi|55740398|gb|AAV63975.1|	54	68	1598	16.9	10.25	9.28	12.62	32.92	23.59	16.9	20.28
6	gi|55740398|gb|AAV63975.1|	58	72	1599	12	8.81	20.48	5.78	33.69	63.5	5.75	12
6	gi|55740398|gb|AAV63975.1|	59	73	1600	7.67	4.16	21.32	2.88	35.41	20.2	7.67	0.38
6	gi|55740398|gb|AAV63975.1|	60	74	1601	0.69	0.13	12.93	0.69	0.47	2.95	6.21	0.38
6	gi|55740398|gb|AAV63975.1|	61	75	1602	0.67	0.13	15.24	0.67	0.46	1.4	5.63	0.38
6	gi|55740398|gb|AAV63975.1|	62	76	1603	0.67	0.13	19.21	0.67	0.5	1.01	4.77	0.38
6	gi|55740398|gb|AAV63975.1|	63	77	1604	0.89	0.09	18.68	0.89	0.51	1.08	14.41	0.38
6	gi|55740398|gb|AAV63975.1|	64	78	1605	1.56	0.13	22.72	1.91	1	1.56	14.4	0.38
6	gi|55740398|gb|AAV63975.1|	65	79	1606	2.19	0.13	7.34	3.58	1.85	2.19	13.34	0.38
6	gi|55740398|gb|AAV63975.1|	66	80	1607	3.57	0.13	7.62	9.31	3.09	3.57	9.61	2.05
6	gi|55740398|gb|AAV63975.1|	67	81	1608	9.55	9.55	12.46	16.65	13.7	4.82	5.65	2.05
6	gi|55740398|gb|AAV63975.1|	68	82	1609	10.14	10.14	14.37	19.64	12.48	3.73	2.8	2.05
6	gi|55740398|gb|AAV63975.1|	69	83	1610	10.4	10.4	17.84	20.81	11.97	4.84	2.25	2.05
6	gi|55740398|gb|AAV63975.1|	70	84	1611	9.72	10.22	9.72	23.36	16.84	5.48	2.52	5.66
6	gi|55740398|gb|AAV63975.1|	71	85	1612	13.89	21.11	4.55	19.06	23.52	13.89	1.45	5.55
6	gi|55740398|gb|AAV63975.1|	74	88	1613	16.28	10.87	7.75	19.64	36.25	53.5	3.78	16.28
6	gi|55740398|gb|AAV63975.1|	75	89	1614	18.13	10.87	10.04	18.13	31.08	52.91	7.97	19.45
6	gi|55740398|gb|AAV63975.1|	76	90	1615	17.56	10.87	13.28	17.56	29.17	57.66	9.32	24.57
6	gi|55740398|gb|AAV63975.1|	105	119	1616	18.7	4.89	4.67	27.37	34.03	65.06	18.7	18.04
6	gi|55740398|gb|AAV63975.1|	106	120	1617	16.54	10.25	6.94	22.81	37.37	54.4	16.54	14.7
6	gi|55740398|gb|AAV63975.1|	107	121	1618	13.12	10.25	8.81	22.45	34.9	39.53	13.12	11.03
6	gi|55740398|gb|AAV63975.1|	108	122	1619	10.25	10.25	8.08	11.71	39.38	29.2	1.67	8.34
6	gi|55740398|gb|AAV63975.1|	109	123	1620	10.25	10.25	10.58	7.21	43.22	25.04	1.18	7.39
6	gi|55740398|gb|AAV63975.1|	110	124	1621	10.25	10.25	13.61	4.41	46.2	24.1	1.28	8.11
6	gi|55740398|gb|AAV63975.1|	111	125	1622	10.25	10.25	17.86	3.66	56.78	25.07	1.64	8.31
6	gi|55740398|gb|AAV63975.1|	112	126	1623	10.25	10.25	28.25	1.86	16.33	19.07	0.6	6.21
6	gi|55740398|gb|AAV63975.1|	113	127	1624	7.85	7.85	30.51	2.17	19.81	8.71	0.94	7.31
6	gi|55740398|gb|AAV63975.1|	114	128	1625	7.99	8.84	12.17	2.33	20.37	5.88	1.06	7.99
6	gi|55740398|gb|AAV63975.1|	115	129	1626	4.3	8.5	4.3	2.61	8.31	3.56	2.18	6.18

Table 2

6	gi|55740398|gb|AAV63975.1|	116	130	1627	5.22	9.41	5.22	2.61	8	3.51	2.57	6.1
6	gi|55740398|gb|AAV63975.1|	117	131	1628	3.47	12.54	3.93	2.61	2.66	3.47	3.17	8.76
6	gi|55740398|gb|AAV63975.1|	118	132	1629	5.53	7.22	5.53	6.3	2.5	4.44	5.1	8.45
6	gi|55740398|gb|AAV63975.1|	119	133	1630	6.3	6.3	4.52	11.39	1.94	7.06	6.05	8.94
6	gi|55740398|gb|AAV63975.1|	120	134	1631	6.8	6.4	4.67	19.61	1.9	7.14	6.8	13.52
6	gi|55740398|gb|AAV63975.1|	121	135	1632	18.97	7.44	7.05	23.29	29.96	10.19	37.89	18.97
6	gi|55740398|gb|AAV63975.1|	125	139	1633	17.07	2.46	17.07	12.98	63.05	25.74	17.8	3.89
6	gi|55740398|gb|AAV63975.1|	126	140	1634	13.97	2.46	31.15	13.27	61.01	28.1	13.97	3.96
6	gi|55740398|gb|AAV63975.1|	127	141	1635	6.82	2.46	6.82	5.22	64.17	22.74	7.56	3.44
6	gi|55740398|gb|AAV63975.1|	128	142	1636	4.81	2.85	6.49	4.81	62.42	20.16	3.82	4.13
6	gi|55740398|gb|AAV63975.1|	129	143	1637	4.46	2.46	6.64	4.46	59.89	21.6	2.4	3.99
6	gi|55740398|gb|AAV63975.1|	130	144	1638	5.63	5.63	9.68	5.11	59.16	25.1	1.59	5.45
6	gi|55740398|gb|AAV63975.1|	131	145	1639	5.63	5.63	14.44	5.2	50.87	24.49	1.48	5.51
6	gi|55740398|gb|AAV63975.1|	132	146	1640	12.78	5.63	21.33	11.54	52.61	31.78	2.5	12.78
6	gi|55740398|gb|AAV63975.1|	133	147	1641	8.97	5.63	27.91	8.97	54.21	33.3	3.14	4.01
6	gi|55740398|gb|AAV63975.1|	134	148	1642	13.04	13.04	15.91	6.11	46.51	27.98	6	7.95
6	gi|55740398|gb|AAV63975.1|	135	149	1643	13.04	13.04	9.53	3.91	46.51	24.6	13.41	5.05
6	gi|55740398|gb|AAV63975.1|	136	150	1644	7.97	1.97	7.97	3.45	46.51	20.41	20.52	5.05
6	gi|55740398|gb|AAV63975.1|	137	151	1645	5.61	1.97	3.55	5.61	46.51	15.95	34.95	5.05
6	gi|55740398|gb|AAV63975.1|	138	152	1646	5.61	1.97	4.12	5.61	44.82	16.74	33.38	5.05
6	gi|55740398|gb|AAV63975.1|	139	153	1647	5.61	1.97	4.77	5.61	46.51	18.13	27.64	5.05
6	gi|55740398|gb|AAV63975.1|	140	154	1648	14.24	1.97	7.65	10.41	46.51	26.95	21.08	14.24
6	gi|55740398|gb|AAV63975.1|	141	155	1649	19.31	1.97	11.46	17.72	52.58	36.01	20.81	19.31
6	gi|55740398|gb|AAV63975.1|	154	168	1650	15.42	10.92	37.51	15.42	19.54	54.19	7.36	2.92
6	gi|55740398|gb|AAV63975.1|	155	169	1651	7.36	7.3	33.97	1.33	16.21	37.14	7.36	2.92
6	gi|55740398|gb|AAV63975.1|	156	170	1652	2.92	1.3	21.11	1.21	0.22	15.11	7.36	2.92
6	gi|55740398|gb|AAV63975.1|	157	171	1653	2.92	1.39	24.96	1.27	0.21	9.6	7.36	2.92
6	gi|55740398|gb|AAV63975.1|	158	172	1654	2.92	1.38	5.27	0.78	0.22	4.98	7.36	2.92
6	gi|55740398|gb|AAV63975.1|	159	173	1655	2.92	1.44	6.29	0.88	0.25	3.88	7.36	2.92
6	gi|55740398|gb|AAV63975.1|	160	174	1656	2.92	1.54	8.37	1.85	0.5	5.65	18.87	2.92
6	gi|55740398|gb|AAV63975.1|	161	175	1657	5.83	5.83	12.51	2.42	0.98	10.1	23.18	4.01
6	gi|55740398|gb|AAV63975.1|	162	176	1658	6.95	6.25	17.07	6.95	1.74	20.02	24.77	6.18
6	gi|55740398|gb|AAV63975.1|	174	188	1659	18.75	18.75	16.65	9.92	59.18	41.23	25.66	15.75
6	gi|55740398|gb|AAV63975.1|	175	189	1660	18.76	18.75	18.76	11.6	56.76	41.07	21.14	18.3
6	gi|55740398|gb|AAV63975.1|	178	192	1661	19.53	19.53	30.64	12.95	61.23	43.21	9.31	9.31
6	gi|55740398|gb|AAV63975.1|	193	207	1662	15.91	10.24	2.46	26.92	5.9	34.52	76.54	15.91
6	gi|55740398|gb|AAV63975.1|	194	208	1663	15.91	7.26	2.41	25.88	5.76	16.05	72.68	15.91
6	gi|55740398|gb|AAV63975.1|	195	209	1664	9.52	5.07	2.57	23.45	5.76	9.52	71.84	15.91
6	gi|55740398|gb|AAV63975.1|	196	210	1665	8.45	5.13	4.01	23.31	6.34	8.45	71.74	15.91
6	gi|55740398|gb|AAV63975.1|	197	211	1666	11.4	9.35	5.82	23.64	9.22	11.4	57.29	15.91
6	gi|55740398|gb|AAV63975.1|	198	212	1667	16.15	14.47	8.19	35.84	12.23	16.15	39.55	17.52
6	gi|55740398|gb|AAV63975.1|	199	213	1668	12.23	13.04	9.01	5.18	12.23	23.69	28.64	2.68
6	gi|55740398|gb|AAV63975.1|	201	215	1669	3.29	1.77	2.2	3.29	25.93	14.96	21.38	2.68
6	gi|55740398|gb|AAV63975.1|	202	216	1670	2.44	1.77	1.83	2.27	26.05	3.5	19.67	2.44
6	gi|55740398|gb|AAV63975.1|	203	217	1671	2.44	1.77	2.32	2.75	15.61	2.37	15.47	2.44
6	gi|55740398|gb|AAV63975.1|	204	218	1672	3.15	1.77	3.15	3.48	15.61	2.6	18.14	2.44
6	gi|55740398|gb|AAV63975.1|	205	219	1673	3.71	1.77	3.71	4.42	15.61	3.22	24.71	2.44
6	gi|55740398|gb|AAV63975.1|	206	220	1674	6.83	1.77	5.21	11.81	15.61	6.83	41.01	2.44

Table 2

6	gi|55740398|gb|AAV63975.1|	207	221	1675	15.61	1.77	7.08	17.98	15.61	17.61	41.85	2.44
6	gi|55740398|gb|AAV63975.1|	217	231	1676	12.22	4.78	27.37	10.92	28.3	46.45	8.69	12.22
6	gi|55740398|gb|AAV63975.1|	218	232	1677	11.4	4.5	27.37	10.02	27.62	32.67	5.27	11.4
6	gi|55740398|gb|AAV63975.1|	219	233	1678	10.71	4.01	27.37	8.21	30.08	24.22	4.97	10.71
6	gi|55740398|gb|AAV63975.1|	220	234	1679	4.64	8.7	0.29	4.64	33.16	13.12	3.16	3.44
6	gi|55740398|gb|AAV63975.1|	221	235	1680	4.81	10.29	0.4	4.81	36.64	11.13	2.64	3.44
6	gi|55740398|gb|AAV63975.1|	222	236	1681	7.86	10.88	0.52	7.86	43.18	13.38	3.22	3.44
6	gi|55740398|gb|AAV63975.1|	223	237	1682	7.01	11.95	0.83	7.01	38.91	15.17	3.56	3.44
6	gi|55740398|gb|AAV63975.1|	224	238	1683	9.64	16.93	1.29	9.64	38.91	18.38	8.82	5.05
6	gi|55740398|gb|AAV63975.1|	225	239	1684	13.82	17.35	2.14	13.82	38.91	23.67	11.06	7.64
6	gi|55740398|gb|AAV63975.1|	226	240	1685	18.27	20	3.51	15.01	38.91	36.68	18.27	8.01
6	gi|55740398|gb|AAV63975.1|	238	252	1686	17.14	3.93	24.57	9.17	35.05	17.14	57.31	13.28
6	gi|55740398|gb|AAV63975.1|	239	253	1687	17.61	3.93	27.07	13.3	31.62	17.61	56.18	13.28
6	gi|55740398|gb|AAV63975.1|	246	260	1688	10.08	7.76	32.94	10.08	1.29	10.58	11.26	0.55
6	gi|55740398|gb|AAV63975.1|	247	261	1689	9.69	7.21	36.71	13.14	1.12	9.69	11.26	0.55
6	gi|55740398|gb|AAV63975.1|	248	262	1690	7.21	7.21	10.63	5.12	0.93	7.36	11.26	0.55
6	gi|55740398|gb|AAV63975.1|	249	263	1691	7.21	7.21	13.57	5.12	0.9	7.29	9.82	1
6	gi|55740398|gb|AAV63975.1|	250	264	1692	7.21	7.21	18.18	5.12	1.52	9.08	11.26	0.99
6	gi|55740398|gb|AAV63975.1|	251	265	1693	7.21	7.21	25.57	3.75	2.75	11.45	11.26	2.62
6	gi|55740398|gb|AAV63975.1|	252	266	1694	7.54	7.54	12.62	3.75	4.76	14.91	11.29	2.64
6	gi|55740398|gb|AAV63975.1|	253	267	1695	14.93	11.58	14.93	10.66	30.3	21.71	22.99	6.05
6	gi|55740398|gb|AAV63975.1|	254	268	1696	11.94	8.34	16.61	11.07	11.94	32.44	22.99	6.26
6	gi|55740398|gb|AAV63975.1|	269	283	1697	17.24	10.72	21.61	7.44	17.24	31.82	24.36	10.51
6	gi|55740398|gb|AAV63975.1|	270	284	1698	17.03	14.04	25.57	7.44	17.03	27.76	24.39	10.65
6	gi|55740398|gb|AAV63975.1|	271	285	1699	17.31	17.31	24.32	4.96	16.25	25.28	22.05	10.32
6	gi|55740398|gb|AAV63975.1|	272	286	1700	19.7	19.7	25.54	4.06	15.96	26.13	28.76	11.39
6	gi|55740398|gb|AAV63975.1|	273	287	1701	17.95	11.33	19.47	2.54	17.95	29.31	28.76	10.01
6	gi|55740398|gb|AAV63975.1|	274	288	1702	17.95	16.26	20.88	2.42	17.95	38.46	28.76	16.1
6	gi|55740398|gb|AAV63975.1|	275	289	1703	17.95	16.42	27.19	2.48	17.95	51.75	28.76	17.18
6	gi|55740398|gb|AAV63975.1|	276	290	1704	17.95	14.33	36.46	2.52	17.95	58.12	28.76	16.16
6	gi|55740398|gb|AAV63975.1|	280	294	1705	7.65	0.75	35.1	7.35	6.9	24.41	7.65	7.7
6	gi|55740398|gb|AAV63975.1|	281	295	1706	7.51	0.55	35.68	7.51	5.17	14.02	6.5	8.45
6	gi|55740398|gb|AAV63975.1|	282	296	1707	4.57	0.52	4.35	9.98	4.57	11.29	4	12.48
6	gi|55740398|gb|AAV63975.1|	283	297	1708	6.14	0.51	6.14	10.77	4.48	11.07	3.62	14.18
6	gi|55740398|gb|AAV63975.1|	284	298	1709	13.86	0.52	7.97	15.08	5.6	13.86	14.81	19.5
6	gi|55740398|gb|AAV63975.1|	285	299	1710	10.83	1.24	8.58	10.83	7.97	18.38	18.85	19.67
6	gi|55740398|gb|AAV63975.1|	286	300	1711	12.43	2.41	12.43	12.02	10.76	34.03	22.87	19.11
6	gi|55740398|gb|AAV63975.1|	288	302	1712	14.41	6.71	16.12	15.62	4.97	24	14.41	7.64
6	gi|55740398|gb|AAV63975.1|	289	303	1713	8.6	6.71	36.13	19.81	4.76	19.28	6.46	8.6
6	gi|55740398|gb|AAV63975.1|	290	304	1714	8.28	6.71	31.98	29.62	4.57	18.84	6.46	8.28
6	gi|55740398|gb|AAV63975.1|	291	305	1715	8.33	6.71	35.46	30.1	4.62	19.52	6.46	8.33
6	gi|55740398|gb|AAV63975.1|	292	306	1716	8.61	6.71	41.46	34.2	6.97	22.72	6.46	8.61
6	gi|55740398|gb|AAV63975.1|	293	307	1717	16.14	6.71	47.37	25.12	10.31	27.2	6.46	16.14
6	gi|55740398|gb|AAV63975.1|	294	308	1718	16.27	9.35	49.93	24.87	15.43	38.3	6.46	16.27
6	gi|55740398|gb|AAV63975.1|	302	316	1719	12.02	8.18	9.51	19.25	4.84	53.1	23.71	12.02
6	gi|55740398|gb|AAV63975.1|	303	317	1720	18.97	7.33	11	18.97	44.59	42.97	24.88	11.11
6	gi|55740398|gb|AAV63975.1|	304	318	1721	12.78	6.49	8.32	12.78	40.93	30.44	15.98	10.13
6	gi|55740398|gb|AAV63975.1|	305	319	1722	13.44	6.09	8.12	13.27	36.06	25.69	13.44	13.92

Table 2

6	gi|55740398|gb|AAV63975.1|	306	320	1723	11.82	5.29	10.63	11.82	42.16	27.18	11.83	11.73
6	gi|55740398|gb|AAV63975.1|	307	321	1724	14.12	8.86	13.6	14.12	49.31	33.56	11.12	14.92
6	gi|55740398|gb|AAV63975.1|	308	322	1725	17	11.17	17.95	14.82	53.67	49.59	11.31	17
6	gi|55740398|gb|AAV63975.1|	310	324	1726	18.82	18.82	21.91	15.1	49.09	68.02	7.11	12.5
6	gi|55740398|gb|AAV63975.1|	311	325	1727	18.55	17.32	21.71	18.55	40.85	63.39	8.68	15.21
6	gi|55740398|gb|AAV63975.1|	312	326	1728	18.09	15.89	30.03	18.09	27.51	58.01	8.28	13.85
6	gi|55740398|gb|AAV63975.1|	313	327	1729	19.44	15.89	36.44	19.44	27.51	53.22	6.75	14.62
6	gi|55740398|gb|AAV63975.1|	318	332	1730	18.43	15.89	64.91	16.23	27.51	57.12	4.91	18.43
6	gi|55740398|gb|AAV63975.1|	319	333	1731	17.02	13.8	76.02	17.02	50.89	51.92	4.72	16.53
6	gi|55740398|gb|AAV63975.1|	343	357	1732	19.48	15.89	24.25	28.47	16.9	19.48	55.11	3.58
6	gi|55740398|gb|AAV63975.1|	344	358	1733	16.54	13.72	27.7	21.29	16.54	15.18	44.07	3.5
6	gi|55740398|gb|AAV63975.1|	345	359	1734	17.15	13.72	29.62	21.29	17.15	13.09	40.93	3.53
6	gi|55740398|gb|AAV63975.1|	347	361	1735	18.81	13.72	20.98	18.81	35.22	10.5	37.16	3.49
6	gi|55740398|gb|AAV63975.1|	348	362	1736	18.09	16.37	23.54	18.09	35.57	5.02	37.16	0.42
6	gi|55740398|gb|AAV63975.1|	351	365	1737	18.55	11.88	30.34	18.55	56.05	4.76	37.16	0.23
6	gi|55740398|gb|AAV63975.1|	352	366	1738	17.5	8.35	24.65	17.5	30.32	5	37.16	0.28
6	gi|55740398|gb|AAV63975.1|	353	367	1739	18.55	6.01	26.79	18.55	30.32	8.85	37.16	0.7
6	gi|55740398|gb|AAV63975.1|	354	368	1740	19.99	4.39	30.21	19.99	30.32	23.83	12.05	0.99
6	gi|55740398|gb|AAV63975.1|	366	380	1741	17.69	13.72	26.26	17.69	15.54	33.87	35.1	15.68
6	gi|55740398|gb|AAV63975.1|	367	381	1742	15.85	13.72	37.04	15.23	15.65	27.52	36.92	15.85
6	gi|55740398|gb|AAV63975.1|	368	382	1743	16.43	13.72	38.25	16.43	16.01	27.14	22.97	13.74
6	gi|55740398|gb|AAV63975.1|	369	383	1744	17.86	13.72	38.25	17.9	16.48	27.07	11.57	17.86
6	gi|55740398|gb|AAV63975.1|	370	384	1745	19.3	13.72	38.25	10.98	22.3	28.29	4.53	19.3
6	gi|55740398|gb|AAV63975.1|	371	385	1746	14.95	13.72	30.81	1.12	33.05	18.37	3.2	14.95
6	gi|55740398|gb|AAV63975.1|	372	386	1747	9.97	8.34	26.78	0.68	35.15	14.45	3.36	9.97
6	gi|55740398|gb|AAV63975.1|	373	387	1748	8.34	8.34	29.25	0.51	35.15	10.03	2.59	7.46
6	gi|55740398|gb|AAV63975.1|	374	388	1749	5.07	8.34	5.07	0.51	10.03	4.98	1.99	7.46
6	gi|55740398|gb|AAV63975.1|	375	389	1750	6.41	8.34	6.41	0.51	10.36	4.64	3.98	7.46
6	gi|55740398|gb|AAV63975.1|	376	390	1751	7.46	8.34	7.81	0.74	9.13	6.25	6.04	7.46
6	gi|55740398|gb|AAV63975.1|	377	391	1752	9.21	8.34	9.99	7.21	9.21	10.23	17.99	7.46
6	gi|55740398|gb|AAV63975.1|	378	392	1753	15.72	8.34	14.73	19.17	15.72	28.7	38.85	7.46
6	gi|55740398|gb|AAV63975.1|	395	409	1754	17.27	3.5	43.52	9.37	54.73	45.85	8.18	17.27
6	gi|55740398|gb|AAV63975.1|	396	410	1755	13.06	3.62	53.83	9.02	13.06	45.84	7.67	14.88
6	gi|55740398|gb|AAV63975.1|	397	411	1756	13.06	3.63	41.4	8.69	13.06	44.48	3.63	14.19
6	gi|55740398|gb|AAV63975.1|	398	412	1757	10.73	3.54	30.69	10.73	13.06	37.67	3.87	3.19
6	gi|55740398|gb|AAV63975.1|	399	413	1758	10.34	2.37	30.69	10.34	13.06	30.09	3.76	3.19
6	gi|55740398|gb|AAV63975.1|	400	414	1759	5.01	3.28	0.74	5.01	13.06	13.62	7.67	3.19
6	gi|55740398|gb|AAV63975.1|	401	415	1760	4.88	1.67	0.63	4.88	13.06	6.67	7.67	3.19
6	gi|55740398|gb|AAV63975.1|	402	416	1761	5.82	1.67	0.81	5.82	13.06	6.17	7.67	3.19
6	gi|55740398|gb|AAV63975.1|	403	417	1762	6.83	1.67	1.02	5.86	33.49	6.83	16.05	13.66
6	gi|55740398|gb|AAV63975.1|	404	418	1763	12.68	1.93	1.41	7.8	33.49	12.68	29.63	13.66
6	gi|55740398|gb|AAV63975.1|	405	419	1764	17.98	2.33	1.9	17.98	33.49	26.69	29.63	13.66
6	gi|55740398|gb|AAV63975.1|	408	422	1765	17.32	15.72	2.07	17.32	33.49	26.03	29.63	10.67
6	gi|55740398|gb|AAV63975.1|	409	423	1766	10.25	10.25	1.14	14.4	16.26	3.48	27.06	5.42
6	gi|55740398|gb|AAV63975.1|	410	424	1767	10.25	10.25	1.38	14.3	14.53	0.86	23.44	5.42
6	gi|55740398|gb|AAV63975.1|	411	425	1768	10.25	10.25	1.17	14.23	12	0.27	20.19	5.42
6	gi|55740398|gb|AAV63975.1|	412	426	1769	10.01	10.25	1.24	17.88	10.01	0.15	33.27	5.28
6	gi|55740398|gb|AAV63975.1|	413	427	1770	10.25	10.25	2.07	20.67	17.62	0.52	50.92	5.42

Table 2

6	gi|55740398|gb|AAV63975.1|	414	428	1771	10.25	10.25	2.63	35.03	28.51	1.43	56.34	5.42
6	gi|55740398|gb|AAV63975.1|	420	434	1772	15.32	10.22	67.75	18.64	15.32	17.8	4.05	12.23
6	gi|55740398|gb|AAV63975.1|	421	435	1773	10.22	10.22	53.65	21.8	15.32	8.66	3.47	9.72
6	gi|55740398|gb|AAV63975.1|	422	436	1774	10.22	10.22	53.65	20.67	15.32	5.29	3.61	7.04
6	gi|55740398|gb|AAV63975.1|	423	437	1775	15.32	10.22	37.22	18.64	15.32	4.82	15.83	7.36
6	gi|55740398|gb|AAV63975.1|	424	438	1776	11.5	4.6	37.22	11.5	15.32	5.6	18.94	11.11
6	gi|55740398|gb|AAV63975.1|	425	439	1777	12.23	6.32	37.22	12.02	15.32	7.45	17.23	12.23
6	gi|55740398|gb|AAV63975.1|	426	440	1778	8.51	8.51	37.22	8.83	15.32	7.18	7.06	2.44
6	gi|55740398|gb|AAV63975.1|	427	441	1779	3.83	12.48	24.98	2.35	55.78	3.83	2.63	2.44
6	gi|55740398|gb|AAV63975.1|	428	442	1780	2.82	26.72	26.01	2.35	59.51	2.82	2.43	2.44
6	gi|55740398|gb|AAV63975.1|	429	443	1781	2.24	4.01	1.81	1	39.73	0.65	2.28	2.24
6	gi|55740398|gb|AAV63975.1|	430	444	1782	2.03	4.01	1.81	0.95	40.16	0.52	2.03	2.24
6	gi|55740398|gb|AAV63975.1|	431	445	1783	1.86	5.13	1.81	0.58	38.62	0.54	1.86	2.24
6	gi|55740398|gb|AAV63975.1|	432	446	1784	1.81	5.13	1.81	0.48	36.68	0.81	1.28	2.24
6	gi|55740398|gb|AAV63975.1|	433	447	1785	1.88	5.17	1.81	0.55	51.91	1.88	1.38	2.24
6	gi|55740398|gb|AAV63975.1|	434	448	1786	5.33	5.17	1.81	1	59.65	5.74	5.33	5.95
6	gi|55740398|gb|AAV63975.1|	435	449	1787	4.66	2.46	1.81	1.69	17.48	18.17	4.66	6.33
6	gi|55740398|gb|AAV63975.1|	437	451	1788	14.88	2.46	37.82	27.76	14.88	20.16	1.14	8.12
6	gi|55740398|gb|AAV63975.1|	438	452	1789	14.24	2.46	63.67	27.39	14.24	18.25	0.98	8.13
6	gi|55740398|gb|AAV63975.1|	439	453	1790	10.52	2.46	15.61	10.52	16.83	17.59	0.98	6.51
6	gi|55740398|gb|AAV63975.1|	440	454	1791	8.92	4.72	14.27	8.92	20.45	20.26	1.16	5.81
6	gi|55740398|gb|AAV63975.1|	441	455	1792	8.56	4.76	16.57	8.56	25.01	26.58	1.11	6.06
6	gi|55740398|gb|AAV63975.1|	442	456	1793	15.91	15.91	21.36	9.75	30.77	32.92	1.82	10.1
6	gi|55740398|gb|AAV63975.1|	443	457	1794	11.65	11.65	26.79	10.85	30.77	38.23	2.74	10.08
6	gi|55740398|gb|AAV63975.1|	444	458	1795	13.16	12.33	22.25	12.18	30.77	43.52	3.33	13.16
6	gi|55740398|gb|AAV63975.1|	445	459	1796	18.74	16.02	23.79	12.18	30.77	46.18	7.54	18.74
6	gi|55740398|gb|AAV63975.1|	446	460	1797	19.77	13.43	34.23	15.75	30.77	56.3	9.54	19.77
6	gi|55740398|gb|AAV63975.1|	472	486	1798	20	20	41.4	18.55	0.18	60.93	51.2	14.67
6	gi|55740398|gb|AAV63975.1|	473	487	1799	10.88	1.42	12.76	10.88	0.13	32.64	8.07	14.67
6	gi|55740398|gb|AAV63975.1|	474	488	1800	7.29	1.42	10.15	8.57	0.36	16.56	7.29	3.79
6	gi|55740398|gb|AAV63975.1|	475	489	1801	7.11	1.42	11.84	8.73	0.36	12.75	7.11	3.78
6	gi|55740398|gb|AAV63975.1|	476	490	1802	8.06	1.42	12.76	10.6	8.01	10.98	8.06	3.84
6	gi|55740398|gb|AAV63975.1|	477	491	1803	8.01	1.42	12.76	10.92	8.01	13.52	7.65	3.84
6	gi|55740398|gb|AAV63975.1|	478	492	1804	11.01	3.89	12.76	12.96	11.01	21.45	9.62	4
6	gi|55740398|gb|AAV63975.1|	479	493	1805	11.01	3.97	12.76	20.12	11.01	29.76	8.48	4.49
6	gi|55740398|gb|AAV63975.1|	480	494	1806	19.24	19.24	27.37	17.26	40.61	33.99	15.76	4.72
6	gi|55740398|gb|AAV63975.1|	481	495	1807	16.44	14.48	29.72	16.44	40.61	32.53	15.76	6.18
6	gi|55740398|gb|AAV63975.1|	482	496	1808	15.76	13.92	29.72	13.23	40.61	30.09	15.76	6.18
6	gi|55740398|gb|AAV63975.1|	483	497	1809	15.59	12.55	29.72	11.37	40.61	29.97	15.59	7.18
6	gi|55740398|gb|AAV63975.1|	484	498	1810	14.88	12.86	23.93	11.4	40.61	27.7	14.88	10.12
6	gi|55740398|gb|AAV63975.1|	485	499	1811	15.76	10.75	28.65	14.24	40.61	30.53	15.76	11.89
6	gi|55740398|gb|AAV63975.1|	486	500	1812	13.22	10.9	4.92	13.22	9	26.76	15.76	14.25
6	gi|55740398|gb|AAV63975.1|	487	501	1813	15.98	12.78	5.22	23.95	8.84	24.81	19.5	15.98
6	gi|55740398|gb|AAV63975.1|	488	502	1814	16.23	9.23	4.07	26.54	8.2	20.23	19.5	16.23
6	gi|55740398|gb|AAV63975.1|	489	503	1815	19.5	11	4.83	30.88	8.53	24.17	19.5	25.57
6	gi|55740398|gb|AAV63975.1|	494	508	1816	12.33	12.33	51.8	20.54	12.3	26.19	9.51	6.18
6	gi|55740398|gb|AAV63975.1|	495	509	1817	12.3	12.33	15.77	18.83	10.25	12.3	5.47	6.18
6	gi|55740398|gb|AAV63975.1|	496	510	1818	8.63	12.33	14.34	8.63	9.75	6.73	1.91	4.34

Table 2

6	gi|55740398|gb|AAV63975.1|	497	511	1819	8.26	12.04	14.34	8.26	8.78	3.96	1.59	4.34
6	gi|55740398|gb|AAV63975.1|	498	512	1820	8.21	9.2	14.34	8.21	12.24	3.35	2.31	4.34
6	gi|55740398|gb|AAV63975.1|	499	513	1821	4.09	4.47	8.5	1.26	12.25	4.09	2.12	2.97
6	gi|55740398|gb|AAV63975.1|	500	514	1822	7.35	7.66	9.71	1.26	14.07	7.35	2.15	2.94
6	gi|55740398|gb|AAV63975.1|	501	515	1823	9.71	12.95	9.71	1.26	25.22	14.72	3.08	5.02
6	gi|55740398|gb|AAV63975.1|	502	516	1824	9.71	15.99	9.71	1.26	26.54	33.26	3.08	4.63
6	gi|55740398|gb|AAV63975.1|	503	517	1825	9.71	19.19	9.71	1.26	33.38	41.61	4.5	3.32
6	gi|55740398|gb|AAV63975.1|	504	518	1826	9.71	21.49	9.71	2.28	43.35	36.58	6.58	4.51
6	gi|55740398|gb|AAV63975.1|	505	519	1827	9.71	21.33	9.71	2.33	49.35	39.96	6.8	4.54
6	gi|55740398|gb|AAV63975.1|	506	520	1828	15.17	13.1	26.8	8.03	61.52	39.76	15.17	5.12
6	gi|55740398|gb|AAV63975.1|	524	538	1829	7.72	8.96	5.08	12.21	9.99	7.72	6.38	1.44
6	gi|55740398|gb|AAV63975.1|	525	539	1830	8.07	8.07	6.26	15.23	9.99	8.83	6.01	1.98
6	gi|55740398|gb|AAV63975.1|	526	540	1831	8.18	6.42	8.18	15.31	9.99	14.44	4.66	2.44
6	gi|55740398|gb|AAV63975.1|	527	541	1832	11.84	5.74	11.84	16.61	11.9	30.55	4.05	9.5
6	gi|55740398|gb|AAV63975.1|	528	542	1833	11.19	9.83	16.5	16.32	11.19	38.58	4.01	10.48
6	gi|55740398|gb|AAV63975.1|	532	546	1834	8.42	3.5	27.79	33.72	0.03	6.13	13.93	8.42
6	gi|55740398|gb|AAV63975.1|	533	547	1835	11.26	1.56	11.26	31.15	0.02	2.09	23.14	18.44
6	gi|55740398|gb|AAV63975.1|	534	548	1836	13.73	1.02	13.73	32.59	0.02	1.48	20.24	18.44
6	gi|55740398|gb|AAV63975.1|	535	549	1837	17.33	0.84	17.33	32.59	0.03	1.5	19.74	18.44
6	gi|55740398|gb|AAV63975.1|	536	550	1838	2.19	1.7	7.82	11.6	0.09	2.19	0.93	9.44
6	gi|55740398|gb|AAV63975.1|	537	551	1839	4.19	3.58	8.78	7.65	0.24	4.19	0.88	9.44
6	gi|55740398|gb|AAV63975.1|	538	552	1840	7.47	6.07	8.8	7.47	0.57	12.44	0.87	9.44
6	gi|55740398|gb|AAV63975.1|	539	553	1841	5.66	1.28	7.82	5.66	7.91	11.97	0.49	2.05
6	gi|55740398|gb|AAV63975.1|	540	554	1842	2.81	0.86	2.81	3.74	7.91	6.01	0.49	2.05
6	gi|55740398|gb|AAV63975.1|	541	555	1843	4.25	0.94	4.48	4.25	7.91	5.03	0.91	2.05
6	gi|55740398|gb|AAV63975.1|	542	556	1844	4.51	0.93	6.26	4.51	7.91	4.64	1.01	2.05
6	gi|55740398|gb|AAV63975.1|	543	557	1845	6.32	0.98	9.16	5.2	12.37	6.32	13.99	2.05
6	gi|55740398|gb|AAV63975.1|	544	558	1846	10.44	1.99	12.4	1.52	15.34	10.44	22.2	2.05
6	gi|55740398|gb|AAV63975.1|	545	559	1847	14.8	4.05	14.8	1.55	19.6	22.41	30.49	5.02
6	gi|55740398|gb|AAV63975.1|	546	560	1848	19.85	9.28	19.85	1.71	34.43	25.94	30.49	7.03
6	gi|55740398|gb|AAV63975.1|	547	561	1849	8.07	8.07	32.86	1.64	19.03	7.72	48.15	1.4
6	gi|55740398|gb|AAV63975.1|	548	562	1850	15.89	15.89	37.47	1.77	17.86	4.1	52.76	1.4
6	gi|55740398|gb|AAV63975.1|	549	563	1851	15.89	15.89	43.01	5.62	19.49	4.15	56.16	1.4
6	gi|55740398|gb|AAV63975.1|	550	564	1852	15.89	15.89	45.94	7.32	17.82	3.52	49.78	1.4
6	gi|55740398|gb|AAV63975.1|	558	572	1853	8.01	41.1	8.01	2.88	51.49	28.57	5.97	1.59
6	gi|55740398|gb|AAV63975.1|	559	573	1854	7.38	14.64	7.38	2.88	21.15	19.18	5.01	1.55
6	gi|55740398|gb|AAV63975.1|	560	574	1855	7.76	6.18	10.09	2.88	17.92	17.72	7.76	1.58
6	gi|55740398|gb|AAV63975.1|	561	575	1856	2.88	6.18	10.4	2.88	0.39	19.25	2.52	1.6
6	gi|55740398|gb|AAV63975.1|	562	576	1857	2.88	6.18	13.04	2.88	0.39	23.48	2.5	1.69
6	gi|55740398|gb|AAV63975.1|	563	577	1858	5.72	6.18	13.07	4.99	0.38	25.94	5.72	4.5
6	gi|55740398|gb|AAV63975.1|	564	578	1859	6.18	6.18	13.07	5.86	1.45	33.74	6.4	4.49
6	gi|55740398|gb|AAV63975.1|	565	579	1860	13.93	6.18	18.15	20.47	2.39	37.44	13.88	13.93
6	gi|55740398|gb|AAV63975.1|	566	580	1861	14.7	6.18	24.3	16.25	0.09	33.9	14.27	14.7
6	gi|55740398|gb|AAV63975.1|	567	581	1862	15.91	7.21	23.36	15.91	0.09	33.64	19.78	14.52
6	gi|55740398|gb|AAV63975.1|	568	582	1863	17.35	7.21	42.5	17.35	16.19	34.29	20.5	14.93
6	gi|55740398|gb|AAV63975.1|	574	588	1864	17.18	7.21	67.39	19.89	10.85	48.17	5.84	17.18
6	gi|55740398|gb|AAV63975.1|	575	589	1865	17.18	7.21	63.22	24.34	10.85	33.03	6.37	17.18
6	gi|55740398|gb|AAV63975.1|	576	590	1866	17.18	7.21	45.54	25.69	10.85	24.93	5.15	17.18

Table 2

6	gi|55740398|gb|AAV63975.1|	577	591	1867	17.18	7.21	49.2	29.61	10.85	25.06	4.99	17.18
6	gi|55740398|gb|AAV63975.1|	578	592	1868	18.61	7.21	53.09	38.99	10.85	29.9	16.95	18.61
6	gi|55740398|gb|AAV63975.1|	599	613	1869	15.89	2.95	27.12	15.89	47.17	65.46	2.45	14.03
6	gi|55740398|gb|AAV63975.1|	600	614	1870	9.9	2.95	26.01	7.57	33.11	61.18	3.87	9.9
6	gi|55740398|gb|AAV63975.1|	601	615	1871	9.44	2.95	26.01	5.84	33.11	64.88	4.34	9.44
6	gi|55740398|gb|AAV63975.1|	602	616	1872	9.43	2.95	26.01	5.7	33.11	66.34	7.12	9.43
6	gi|55740398|gb|AAV63975.1|	604	618	1873	13.65	7.59	26.01	4.69	33.11	33.3	13.65	6.6
6	gi|55740398|gb|AAV63975.1|	605	619	1874	11.7	7.34	26.01	4.12	33.11	21.44	11.7	6.6
6	gi|55740398|gb|AAV63975.1|	606	620	1875	6.11	3.99	6.11	2.58	11.43	8.04	11.23	1.69
6	gi|55740398|gb|AAV63975.1|	607	621	1876	4.22	3.99	5.07	2.74	9.9	4.22	12.11	1.69
6	gi|55740398|gb|AAV63975.1|	608	622	1877	4.51	3.99	8.44	3.51	10.9	4.51	9.35	1.69
6	gi|55740398|gb|AAV63975.1|	609	623	1878	5.23	3.99	11.77	4.44	11.44	5.23	13.41	1.69
6	gi|55740398|gb|AAV63975.1|	610	624	1879	8.22	3.99	16.6	7.02	15.05	8.22	14.69	1.69
6	gi|55740398|gb|AAV63975.1|	611	625	1880	13.76	3.99	17.78	7.02	15.05	13.76	27.42	2.55
6	gi|55740398|gb|AAV63975.1|	612	626	1881	11.75	4.47	11.75	8.28	15.05	28.58	28.04	5.72
6	gi|55740398|gb|AAV63975.1|	613	627	1882	12.92	11.53	12.92	8.61	15.05	42.65	27.38	8.9
6	gi|55740398|gb|AAV63975.1|	614	628	1883	11.53	11.53	10.37	9.01	40.62	31.86	24.87	10.32
6	gi|55740398|gb|AAV63975.1|	615	629	1884	14.17	11.53	14.17	8.83	39.94	23.2	27.75	9.4
6	gi|55740398|gb|AAV63975.1|	616	630	1885	14.66	11.53	14.66	9.11	36.07	17.83	48.63	9.28
6	gi|55740398|gb|AAV63975.1|	617	631	1886	14.66	11.53	14.66	10.41	34.84	16.28	38.41	4.87
6	gi|55740398|gb|AAV63975.1|	618	632	1887	14.66	11.53	14.66	7.45	50.57	19.7	42.61	4.81
6	gi|55740398|gb|AAV63975.1|	619	633	1888	14.66	11.53	14.66	9.11	61.4	25.42	20.46	6.31
6	gi|55740398|gb|AAV63975.1|	621	635	1889	13.05	13.05	4.14	12.95	62.01	39.93	13.72	12.23
6	gi|55740398|gb|AAV63975.1|	622	636	1890	12.95	12.34	4.14	12.95	62.01	31.4	13.05	12.86
6	gi|55740398|gb|AAV63975.1|	623	637	1891	11.34	11.34	4.14	6.86	60.95	15.76	11.64	8.38
6	gi|55740398|gb|AAV63975.1|	624	638	1892	5	2.2	4.14	3.35	7.81	8.65	11.44	5
6	gi|55740398|gb|AAV63975.1|	625	639	1893	4.14	2.2	4.14	2.34	7.01	6.04	14	0.78
6	gi|55740398|gb|AAV63975.1|	626	640	1894	4.14	2.2	4.14	2.16	5.79	7.23	15.36	0.78
6	gi|55740398|gb|AAV63975.1|	627	641	1895	4.14	2.2	4.14	3.35	5.03	8.03	13.72	0.78
6	gi|55740398|gb|AAV63975.1|	628	642	1896	6.66	2.2	20.4	6.41	6.66	9.92	20.69	0.78
6	gi|55740398|gb|AAV63975.1|	629	643	1897	8.86	2.2	22.11	7.47	8.86	15.14	22.32	0.78
6	gi|55740398|gb|AAV63975.1|	630	644	1898	8.13	3.11	26.91	8.13	3.82	21.22	23.18	1.45
6	gi|55740398|gb|AAV63975.1|	631	645	1899	15	5.59	39.53	15	5.85	21.51	33.85	1.55
6	gi|55740398|gb|AAV63975.1|	632	646	1900	19.17	8.59	34.93	19.17	6.04	21.09	26.25	7.7
6	gi|55740398|gb|AAV63975.1|	633	647	1901	18.81	8.62	40.51	22.22	6.53	18.81	25.61	7.34
6	gi|55740398|gb|AAV63975.1|	643	657	1902	14.19	13.72	13.18	16.43	50.26	14.71	14.19	0.01
6	gi|55740398|gb|AAV63975.1|	644	658	1903	11.98	13.72	11.49	16.43	30.45	7.47	11.98	0.01
6	gi|55740398|gb|AAV63975.1|	645	659	1904	13.72	13.72	13.5	17.04	30.45	6.37	15.36	0.01
6	gi|55740398|gb|AAV63975.1|	646	660	1905	5.23	2.71	14.57	2.88	30.45	5.23	15.36	0.01
6	gi|55740398|gb|AAV63975.1|	647	661	1906	6.05	2.71	17.21	2.88	30.45	6.05	7.15	0.01
6	gi|55740398|gb|AAV63975.1|	648	662	1907	7.39	2.71	13.38	2.88	30.45	8.74	7.39	0.01
6	gi|55740398|gb|AAV63975.1|	649	663	1908	4.09	2.71	11.42	1.95	30.45	9.7	4.09	0.01
6	gi|55740398|gb|AAV63975.1|	650	664	1909	2.95	2.71	8.53	1.55	30.45	2.95	4.09	0.43
6	gi|55740398|gb|AAV63975.1|	651	665	1910	3.75	3.75	6.69	1.71	55.27	1.03	4.09	0.43
6	gi|55740398|gb|AAV63975.1|	652	666	1911	1.64	2.71	1.31	1.64	30.52	0.5	4.09	0.43
6	gi|55740398|gb|AAV63975.1|	653	667	1912	2.18	2.93	1.36	2.18	27.76	0.36	4.09	0.43
6	gi|55740398|gb|AAV63975.1|	654	668	1913	2.68	2.93	2.07	2.68	28.34	0.5	10.88	0.43
6	gi|55740398|gb|AAV63975.1|	655	669	1914	2.93	2.93	2.75	7.41	29.43	0.88	11.38	0.43

Table 2

6	gi|55740398|gb|AAV63975.1|	656	670	1915	3.73	2.93	3.73	7.41	41.09	2.37	11.57	0.43
6	gi|55740398|gb|AAV63975.1|	657	671	1916	11.57	13.43	9.97	17.19	22.8	4.28	11.57	8.92
6	gi|55740398|gb|AAV63975.1|	658	672	1917	12.04	19.36	12.04	18.41	22.8	9.16	11.57	8.92
6	gi|55740398|gb|AAV63975.1|	659	673	1918	8.34	8.34	2.51	5.54	22.8	8.36	11.57	6.18
6	gi|55740398|gb|AAV63975.1|	660	674	1919	7.7	7.72	2.67	5.14	22.8	7.7	11.57	6.18
6	gi|55740398|gb|AAV63975.1|	661	675	1920	7.72	7.72	1.78	5.39	22.8	8.41	9.54	6.18
6	gi|55740398|gb|AAV63975.1|	662	676	1921	6.87	7.72	2.24	5.09	22.8	11.77	6.87	6.18
6	gi|55740398|gb|AAV63975.1|	663	677	1922	7.44	7.44	3.29	5.34	20.97	16.72	7.43	8.67
6	gi|55740398|gb|AAV63975.1|	664	678	1923	13.43	7.72	4.74	13.43	22.76	18.56	11.92	14.45
6	gi|55740398|gb|AAV63975.1|	665	679	1924	14.76	7.72	6.68	14.76	23.08	25.71	16.25	12.09
6	gi|55740398|gb|AAV63975.1|	667	681	1925	12.71	4.61	17.69	12	30.08	43.75	8.14	12.71
6	gi|55740398|gb|AAV63975.1|	668	682	1926	13.11	10.94	38.61	11.32	32.81	45.8	5.44	13.11
6	gi|55740398|gb|AAV63975.1|	669	683	1927	9.52	9.52	9.2	5.37	29.28	22.63	3.39	10.06
6	gi|55740398|gb|AAV63975.1|	670	684	1928	1.79	8.79	0.83	1.21	32.81	2.99	1.79	1.69
6	gi|55740398|gb|AAV63975.1|	671	685	1929	1.54	6.14	1.08	1.23	38.03	1.54	1.22	1.69
6	gi|55740398|gb|AAV63975.1|	672	686	1930	1.64	8.93	1.64	1.37	40.84	1.08	1.38	1.69
6	gi|55740398|gb|AAV63975.1|	673	687	1931	2.63	8.37	2.63	1.39	46.81	0.86	3.42	1.69
6	gi|55740398|gb|AAV63975.1|	674	688	1932	6.54	10.19	4.16	6.54	54.56	1.74	13.81	1.69
6	gi|55740398|gb|AAV63975.1|	675	689	1933	6.96	11.37	6.71	6.96	60.36	4.92	15.18	1.69
6	gi|55740398|gb|AAV63975.1|	676	690	1934	15.12	15.12	12.91	9.74	66.18	27.52	21.21	1.69
6	gi|55740398|gb|AAV63975.1|	699	713	1935	17.18	2.09	20.62	15.33	6.08	31.66	46.39	17.18
6	gi|55740398|gb|AAV63975.1|	701	715	1936	13.88	5.41	32.36	13.88	6.94	17.14	41.8	8.92
6	gi|55740398|gb|AAV63975.1|	702	716	1937	12.3	7.21	35.97	11.98	24.52	12.3	17.68	8.92
6	gi|55740398|gb|AAV63975.1|	703	717	1938	14.15	8.98	43.67	14.15	47.74	11.62	17.35	8.92
6	gi|55740398|gb|AAV63975.1|	704	718	1939	14.54	8.98	50.11	21.02	44.25	13.72	14.54	8.92
6	gi|55740398|gb|AAV63975.1|	705	719	1940	15.67	8.98	51.91	23.1	50.29	15.67	11.24	8.92
6	gi|55740398|gb|AAV63975.1|	706	720	1941	15.62	8.98	68.24	37.91	54.73	15.62	11.21	15.43
6	gi|55740398|gb|AAV63975.1|	721	735	1942	16.75	8.34	73.95	11.28	12.75	79.48	16.75	23.05
6	gi|55740398|gb|AAV63975.1|	722	736	1943	17.08	8.34	70.48	12.87	18.8	74.61	10.88	17.08
6	gi|55740398|gb|AAV63975.1|	723	737	1944	17.46	8.34	74.67	13.33	24.51	61.15	13.15	17.46
6	gi|55740398|gb|AAV63975.1|	724	738	1945	15.25	10.62	74.81	15.25	24.51	38.58	12.9	9.72
6	gi|55740398|gb|AAV63975.1|	725	739	1946	14.96	7.64	74.81	14.96	24.51	23.72	10.26	9.44
6	gi|55740398|gb|AAV63975.1|	754	768	1947	11.11	8.84	43.51	10.81	65.72	22.87	2.9	11.11
6	gi|55740398|gb|AAV63975.1|	755	769	1948	10.73	8.84	42.31	10.73	65.86	13.82	9.42	5.79
6	gi|55740398|gb|AAV63975.1|	756	770	1949	12.33	8.84	43.51	11.8	61.95	15.15	12.33	5.79
6	gi|55740398|gb|AAV63975.1|	757	771	1950	18.48	8.84	43.09	18.84	57.85	14.57	18.48	5.79
6	gi|55740398|gb|AAV63975.1|	765	779	1951	8.92	1.02	4.01	29.77	42.77	29.32	8.92	7.73
6	gi|55740398|gb|AAV63975.1|	766	780	1952	8.92	1.39	5.9	30.39	44.19	15.75	8.92	8
6	gi|55740398|gb|AAV63975.1|	767	781	1953	8.92	1.36	7.19	30.51	43.88	10.15	8.92	5.42
6	gi|55740398|gb|AAV63975.1|	768	782	1954	8.92	1.5	8.04	31.11	44.33	11.49	8.92	5.61
6	gi|55740398|gb|AAV63975.1|	769	783	1955	8.92	1.52	8.04	30.24	44.33	13.2	8.92	5.12
6	gi|55740398|gb|AAV63975.1|	770	784	1956	9.68	5.62	8.04	42.84	44.33	22.41	9.68	7.64
6	gi|55740398|gb|AAV63975.1|	771	785	1957	12.91	5.57	8.04	41.72	44.33	41.82	12.91	7.52
6	gi|55740398|gb|AAV63975.1|	777	791	1958	19.28	15.13	19.28	19.27	59.47	48.52	31.48	18.44
6	gi|55740398|gb|AAV63975.1|	780	794	1959	10.72	16.54	10.72	4.28	56.92	23.26	0.35	2.68
6	gi|55740398|gb|AAV63975.1|	781	795	1960	8.51	8.51	9.21	2.67	55.66	15.21	0.23	2.68
6	gi|55740398|gb|AAV63975.1|	782	796	1961	5.03	5.03	9.21	1.66	52.75	11.16	0.23	2.68
6	gi|55740398|gb|AAV63975.1|	783	797	1962	5.44	5.44	9.21	1.69	40.87	12.77	0.23	2.68

Table 2

6	gi|55740398|gb|AAV63975.1|	784	798	1963	5.56	5.56	9.21	1.18	40.87	12.86	0.22	2.68
6	gi|55740398|gb|AAV63975.1|	785	799	1964	4.37	4.37	9.21	1.47	40.87	13.99	0.32	3.08
6	gi|55740398|gb|AAV63975.1|	786	800	1965	4.37	4.37	9.21	2.75	40.87	19.78	0.43	3.28
6	gi|55740398|gb|AAV63975.1|	787	801	1966	9.21	5.74	9.21	3.61	40.87	22.41	0.68	11.66
6	gi|55740398|gb|AAV63975.1|	788	802	1967	13.69	0.59	17.06	4.77	15.91	14.72	0.8	13.69
6	gi|55740398|gb|AAV63975.1|	789	803	1968	9.72	0.59	14.12	9.72	12.96	8.2	1.01	13.69
6	gi|55740398|gb|AAV63975.1|	790	804	1969	11.8	0.59	15.06	13.28	11.8	7.81	2.98	13.69
6	gi|55740398|gb|AAV63975.1|	791	805	1970	10.37	0.59	14.04	18.59	10.37	6.68	5.18	14.06
6	gi|55740398|gb|AAV63975.1|	792	806	1971	17.8	0.59	20.73	22	16.58	9.59	39.51	17.8
6	gi|55740398|gb|AAV63975.1|	823	837	1972	18.77	14.95	29.24	18.77	27.73	18.77	5.93	8.59
6	gi|55740398|gb|AAV63975.1|	824	838	1973	18.64	19.76	29.24	18.64	27.73	7.96	5.93	8.6
6	gi|55740398|gb|AAV63975.1|	825	839	1974	16.08	16.08	29.24	17.3	27.73	3.66	5.93	7.83
6	gi|55740398|gb|AAV63975.1|	826	840	1975	16.18	16.44	29.24	16.18	27.73	3.38	5.93	7.6
6	gi|55740398|gb|AAV63975.1|	827	841	1976	8.07	8.07	29.24	16.45	27.73	4.07	5.93	7.46
6	gi|55740398|gb|AAV63975.1|	828	842	1977	9.8	8.09	29.24	25.88	27.73	6.01	9.8	7.46
6	gi|55740398|gb|AAV63975.1|	829	843	1978	6.08	3.15	0.7	6.08	27.73	6.79	5.93	7.46
6	gi|55740398|gb|AAV63975.1|	832	846	1979	19.78	22.61	1.72	19.78	28	2.56	21.39	4.49
6	gi|55740398|gb|AAV63975.1|	833	847	1980	4.81	18.62	2.53	16.58	9.16	4.1	4.81	4.01
6	gi|55740398|gb|AAV63975.1|	834	848	1981	8.15	18.62	4.25	15.51	9.16	8.15	4.81	4.01
6	gi|55740398|gb|AAV63975.1|	835	849	1982	9.16	18.62	5.73	18.01	9.16	17.14	1.91	4.01
6	gi|55740398|gb|AAV63975.1|	836	850	1983	12.78	14.93	30.57	5.9	12.78	20.92	1.22	5.78
6	gi|55740398|gb|AAV63975.1|	837	851	1984	10.45	14.62	32.87	1.11	10.45	15.94	1.08	5.92
6	gi|55740398|gb|AAV63975.1|	838	852	1985	4.49	4.14	42.98	0.81	9.16	5.61	1.02	4.49
6	gi|55740398|gb|AAV63975.1|	839	853	1986	4.13	4.19	32.65	0.81	9.16	3.71	1.07	4.13
6	gi|55740398|gb|AAV63975.1|	840	854	1987	4.13	4.13	32.65	1.01	16.41	3.71	1.86	9.97
6	gi|55740398|gb|AAV63975.1|	841	855	1988	4.52	4.52	32.65	1.57	18.35	4.44	1.94	9.97
6	gi|55740398|gb|AAV63975.1|	842	856	1989	9.6	5.04	32.65	3.05	28	7.45	9.6	9.97
6	gi|55740398|gb|AAV63975.1|	843	857	1990	14.05	13.19	32.65	12.2	38.57	12.71	16.55	14.05
6	gi|55740398|gb|AAV63975.1|	872	886	1991	12.52	0.29	24.83	32.61	2.96	12.52	65.63	11.11
6	gi|55740398|gb|AAV63975.1|	873	887	1992	11.11	0.29	28.73	31.8	2.45	7.98	58.82	11.11
6	gi|55740398|gb|AAV63975.1|	874	888	1993	11.11	0.29	32.09	32.13	2.28	6.3	53.8	11.11
6	gi|55740398|gb|AAV63975.1|	875	889	1994	11.11	0.29	36.92	32.05	3.46	7.29	54.55	11.11
6	gi|55740398|gb|AAV63975.1|	897	911	1995	9.17	7.08	5.23	2.37	63.6	32.99	9.17	9.97
6	gi|55740398|gb|AAV63975.1|	898	912	1996	9.17	7.08	5.95	2.37	63.6	17.79	9.17	9.97
6	gi|55740398|gb|AAV63975.1|	899	913	1997	9.17	7.08	1.76	2.37	63.6	9.46	9.17	9.97
6	gi|55740398|gb|AAV63975.1|	900	914	1998	9.17	7.08	2.88	2.37	63.6	9.66	9.17	9.97
6	gi|55740398|gb|AAV63975.1|	901	915	1999	9.17	7.42	3.75	2.37	63.6	11.78	9.17	9.97
6	gi|55740398|gb|AAV63975.1|	902	916	2000	11.01	17.29	4.48	7.96	63.6	18.28	11.01	9.97
6	gi|55740398|gb|AAV63975.1|	903	917	2001	12.64	16.09	6.43	8.53	38.15	40.11	12.64	9.97
6	gi|55740398|gb|AAV63975.1|	910	924	2002	5.82	0.29	35.68	25.24	5.82	3.39	59.72	5.79
6	gi|55740398|gb|AAV63975.1|	911	925	2003	5.79	0.29	35.68	26.1	5.53	1.12	52.3	5.79
6	gi|55740398|gb|AAV63975.1|	912	926	2004	5.79	0.29	35.68	32.08	5.58	0.66	38.69	5.79
6	gi|55740398|gb|AAV63975.1|	913	927	2005	5.79	0.29	35.68	44.29	5.75	0.83	37.9	5.79
6	gi|55740398|gb|AAV63975.1|	914	928	2006	8.06	0.29	35.68	46.27	8.06	1.37	39.71	5.79
6	gi|55740398|gb|AAV63975.1|	915	929	2007	11.8	0.38	34.92	13.96	11.8	2.43	32.53	7.62
6	gi|55740398|gb|AAV63975.1|	916	930	2008	11.37	0.4	29.97	11.37	12.08	6.88	25.51	4.7
6	gi|55740398|gb|AAV63975.1|	917	931	2009	13.67	6.61	34.42	8.96	54.23	13.67	22.58	6.3
6	gi|55740398|gb|AAV63975.1|	918	932	2010	10.38	6.61	39.97	7.46	64.6	10.38	21	6.28

Table 2

6	gi|55740398|gb|AAV63975.1|	919	933	2011	10.43	6.85	48.06	10.02	60.54	10.43	26.5	6.31
6	gi|55740398|gb|AAV63975.1|	920	934	2012	11.96	7.24	52.51	11.96	58.59	10	25.04	6.25
6	gi|55740398|gb|AAV63975.1|	921	935	2013	18.33	10.42	60.23	16.23	65.43	18.33	39.15	10.5
6	gi|55740398|gb|AAV63975.1|	939	953	2014	18.59	8.26	11.3	18.59	29.14	35.22	22.68	15.9
6	gi|55740398|gb|AAV63975.1|	940	954	2015	15.52	1.42	10.56	11.75	37.87	47.77	15.52	15.9
6	gi|55740398|gb|AAV63975.1|	941	955	2016	15.08	1.42	10.6	11.84	63.34	47.56	15.08	16.57
6	gi|55740398|gb|AAV63975.1|	942	956	2017	15.08	1.42	10.78	12.2	63.34	48.63	15.08	16.57
6	gi|55740398|gb|AAV63975.1|	943	957	2018	15.08	1.42	10.7	10.7	63.34	52.91	15.08	16.57
6	gi|55740398|gb|AAV63975.1|	944	958	2019	16.57	1.6	20.24	11.76	63.34	54.44	15.08	16.57
6	gi|55740398|gb|AAV63975.1|	945	959	2020	16.84	3.72	20.5	16.84	63.02	49.32	15.08	16.57
6	gi|55740398|gb|AAV63975.1|	947	961	2021	15.08	1.61	12.28	23.98	17.17	21.22	15.08	13.69
6	gi|55740398|gb|AAV63975.1|	948	962	2022	17.17	0.88	37.27	25.97	17.17	13.79	32.37	13.69
6	gi|55740398|gb|AAV63975.1|	949	963	2023	16.81	0.44	44.71	34.47	16.81	11.25	32.37	13.69
6	gi|55740398|gb|AAV63975.1|	950	964	2024	13.74	0.4	38.25	25.03	13.74	11.13	32.37	13.69
6	gi|55740398|gb|AAV63975.1|	951	965	2025	17.17	0.84	38.25	25.5	17.17	16.96	66.5	13.69
6	gi|55740398|gb|AAV63975.1|	978	992	2026	18.44	15.64	8.54	24.58	29.81	23.05	8.48	18.44
6	gi|55740398|gb|AAV63975.1|	979	993	2027	18.44	12.08	10.45	25.27	29.81	20.9	6.72	18.44
6	gi|55740398|gb|AAV63975.1|	980	994	2028	16.15	8.21	12.99	30.25	29.81	16.15	9.26	18.44
6	gi|55740398|gb|AAV63975.1|	981	995	2029	15.39	4.93	15.39	23.34	29.81	11.95	9.45	18.44
6	gi|55740398|gb|AAV63975.1|	1004	1018	2030	19.84	8.25	19.84	29.79	55.1	35.24	5.85	11.66
6	gi|55740398|gb|AAV63975.1|	1010	1024	2031	18.08	8.25	25.11	11.01	75.22	42.5	7.02	18.08
6	gi|55740398|gb|AAV63975.1|	1012	1026	2032	14.67	6.71	25.26	10.38	24.7	17.42	5.5	14.67
6	gi|55740398|gb|AAV63975.1|	1013	1027	2033	14.67	6.71	31.07	10.64	22.37	16.58	6.08	14.67
6	gi|55740398|gb|AAV63975.1|	1014	1028	2034	17.89	6.71	30	8.67	20.8	17.89	5.82	22.78
6	gi|55740398|gb|AAV63975.1|	1015	1029	2035	19.94	14.49	33.55	15.44	19.94	20.35	8.53	22.78
6	gi|55740398|gb|AAV63975.1|	1028	1042	2036	10.87	10.87	3.43	20.68	40.76	34.38	1.46	7.1
6	gi|55740398|gb|AAV63975.1|	1029	1043	2037	10.87	10.87	4.44	23.13	40.76	35	0.86	7.63
6	gi|55740398|gb|AAV63975.1|	1030	1044	2038	10.87	10.87	5.99	24.49	40.76	39.45	0.78	8.97
6	gi|55740398|gb|AAV63975.1|	1031	1045	2039	10.87	10.87	9.24	25.33	40.76	42.72	0.74	8.82
6	gi|55740398|gb|AAV63975.1|	1032	1046	2040	11.42	10.87	11.42	25.33	40.76	41.82	0.72	8.66
6	gi|55740398|gb|AAV63975.1|	1033	1047	2041	14.38	10.87	12.2	28.24	40.76	38.08	2.56	14.38
6	gi|55740398|gb|AAV63975.1|	1034	1048	2042	12.08	10.87	15.22	12.08	58.04	35.55	2.94	11.1
6	gi|55740398|gb|AAV63975.1|	1041	1055	2043	11.28	15.89	0.08	1.52	11.28	13.82	50.77	5.42
6	gi|55740398|gb|AAV63975.1|	1042	1056	2044	8.02	15.89	0.08	1.04	11.79	8.02	50.77	3.19
6	gi|55740398|gb|AAV63975.1|	1043	1057	2045	5.93	13	0.08	0.7	11.91	5.93	50.77	2.05
6	gi|55740398|gb|AAV63975.1|	1044	1058	2046	5.8	12.78	0.08	0.77	13.03	5.8	50.77	1.59
6	gi|55740398|gb|AAV63975.1|	1045	1059	2047	7.73	20.5	0.08	1.56	20.34	7.73	47.97	2.37
6	gi|55740398|gb|AAV63975.1|	1046	1060	2048	13.88	30.45	0.24	2.09	36.62	13.88	37.02	3.64
6	gi|55740398|gb|AAV63975.1|	1049	1063	2049	13.94	4.7	7.41	12.98	20.37	30.23	15.66	13.94
6	gi|55740398|gb|AAV63975.1|	1050	1064	2050	12.56	4.68	9.46	12.56	18.87	26.93	10.92	13.59
6	gi|55740398|gb|AAV63975.1|	1051	1065	2051	10.56	4.43	5.56	10.56	26.35	23.38	5.72	12.81
6	gi|55740398|gb|AAV63975.1|	1052	1066	2052	12.21	4.58	6.83	12.21	30.78	23.37	4.93	15.75
6	gi|55740398|gb|AAV63975.1|	1053	1067	2053	16.55	1.62	9.24	16.55	30.78	20.69	7.13	17.17
6	gi|55740398|gb|AAV63975.1|	1071	1085	2054	19.08	0.05	55.07	50.28	1.93	17.59	46.03	19.08
6	gi|55740398|gb|AAV63975.1|	1079	1093	2055	18.73	18.08	59.92	14.82	38.58	34.41	7.99	18.73
6	gi|55740398|gb|AAV63975.1|	1080	1094	2056	18.53	18.08	53.71	13.84	38.58	32.79	6.67	18.53
6	gi|55740398|gb|AAV63975.1|	1082	1096	2057	6.18	7.21	5.84	7.65	17.6	4.64	3.65	6.18
6	gi|55740398|gb|AAV63975.1|	1083	1097	2058	6.18	7.21	5.09	7.53	15.69	1.45	4.65	6.18

Table 2

6	gi|55740398|gb|AAV63975.1|	1084	1098	2059	5.52	5.52	3.78	8.03	12.07	0.64	4.4	6.18
6	gi|55740398|gb|AAV63975.1|	1085	1099	2060	5.18	5.13	4.85	8.37	11.95	0.69	5.18	6.18
6	gi|55740398|gb|AAV63975.1|	1086	1100	2061	6.18	7.21	6.09	12.95	13.98	1.11	6.16	6.18
6	gi|55740398|gb|AAV63975.1|	1087	1101	2062	7.45	7.21	8.42	18.69	16.07	2.79	7.45	6.18
6	gi|55740398|gb|AAV63975.1|	1088	1102	2063	10.91	7.21	10.91	16.84	20.88	11.29	9.57	6.18
6	gi|55740398|gb|AAV63975.1|	1091	1105	2064	17.47	14.41	32.66	13.06	9.13	46.86	17.47	17.58
6	gi|55740398|gb|AAV63975.1|	1092	1106	2065	17.02	14.41	32.26	12.64	7.91	42.96	19	17.02
6	gi|55740398|gb|AAV63975.1|	1093	1107	2066	17.28	14.41	40.66	13.84	7.71	47.57	17.28	17.5
6	gi|55740398|gb|AAV63975.1|	1105	1119	2067	19.51	20.93	38.28	8.37	19.51	54.31	2.13	13.99
6	gi|55740398|gb|AAV63975.1|	1106	1120	2068	14.84	15.15	43.46	6.95	14.84	21.3	2.53	12.84
6	gi|55740398|gb|AAV63975.1|	1107	1121	2069	13.28	4.77	55.71	9.75	14.84	13.05	13.4	13.28
6	gi|55740398|gb|AAV63975.1|	1108	1122	2070	13.28	4.77	50.8	9.75	14.84	7.28	15.5	13.28
6	gi|55740398|gb|AAV63975.1|	1109	1123	2071	13.28	4.77	56	9.75	14.84	7.44	15.5	13.28
6	gi|55740398|gb|AAV63975.1|	1110	1124	2072	13.28	4.77	54.5	9.75	14.84	9.35	15.5	13.28
6	gi|55740398|gb|AAV63975.1|	1111	1125	2073	14.84	4.77	58.6	11.89	14.84	12.83	15.5	17.06
6	gi|55740398|gb|AAV63975.1|	1115	1129	2074	17.93	17.01	27.67	17.93	75.22	15.65	46.45	5.42
6	gi|55740398|gb|AAV63975.1|	1116	1130	2075	15.62	9.61	30.04	14.94	74.22	15.62	42.42	5.42
6	gi|55740398|gb|AAV63975.1|	1117	1131	2076	15.91	9.61	29.82	14.94	74.28	15.91	28.96	5.42
6	gi|55740398|gb|AAV63975.1|	1119	1133	2077	10.9	9.61	37.12	10.9	66.5	33.38	8.8	5.42
6	gi|55740398|gb|AAV63975.1|	1120	1134	2078	10.32	10.13	36.8	10.32	29.08	30.84	6.64	9.77
6	gi|55740398|gb|AAV63975.1|	1121	1135	2079	10.5	10.13	44.4	10.5	26.09	27.96	5.73	10.44
6	gi|55740398|gb|AAV63975.1|	1122	1136	2080	8.32	10.13	3.41	6.66	22.09	17.63	0.68	8.32
6	gi|55740398|gb|AAV63975.1|	1123	1137	2081	8.44	10.13	4.43	6.82	20.41	15.62	0.6	8.44
6	gi|55740398|gb|AAV63975.1|	1124	1138	2082	7.59	10.13	6.18	7.59	26.25	12.63	0.52	5.05
6	gi|55740398|gb|AAV63975.1|	1125	1139	2083	7.54	7.54	9.23	7.39	33.54	11.62	0.52	5.05
6	gi|55740398|gb|AAV63975.1|	1126	1140	2084	11.72	13.6	12.07	6.98	40.66	11.72	0.72	5.05
6	gi|55740398|gb|AAV63975.1|	1127	1141	2085	8.31	10.54	9.23	3.39	30.9	8.31	0.65	6.6
6	gi|55740398|gb|AAV63975.1|	1128	1142	2086	4.7	4.7	7.4	3.39	30.9	4.17	0.65	6.6
6	gi|55740398|gb|AAV63975.1|	1129	1143	2087	4.7	4.7	10.72	3.39	30.9	2.2	1.18	6.6
6	gi|55740398|gb|AAV63975.1|	1130	1144	2088	3.39	3.3	6.56	3.39	30.9	1.36	1.44	6.6
6	gi|55740398|gb|AAV63975.1|	1131	1145	2089	3.39	3.34	6.99	3.39	30.9	1.26	1.35	6.6
6	gi|55740398|gb|AAV63975.1|	1132	1146	2090	5.99	3.78	6.99	5.5	30.9	2.21	5.99	6.6
6	gi|55740398|gb|AAV63975.1|	1133	1147	2091	6.99	6.02	6.99	8.85	30.9	5.91	6.31	13.08
6	gi|55740398|gb|AAV63975.1|	1135	1149	2092	17.8	15.86	6.99	16.43	64.67	34.92	27.56	17.8
6	gi|55740398|gb|AAV63975.1|	1136	1150	2093	17.8	15.86	6.99	16.43	26.33	47.09	26.67	17.8
6	gi|55740398|gb|AAV63975.1|	1149	1163	2094	13.95	11.75	7.93	13.95	55.39	51.67	40.46	13.47
6	gi|55740398|gb|AAV63975.1|	1154	1168	2095	17.68	31.76	10.38	13.64	17.68	24	21.79	13.47
6	gi|55740398|gb|AAV63975.1|	1156	1170	2096	13.67	23.37	3.2	3.8	13.67	18.15	17.96	3.65
6	gi|55740398|gb|AAV63975.1|	1157	1171	2097	10.51	23.67	3.12	3.72	12.39	10.51	13.84	3.65
6	gi|55740398|gb|AAV63975.1|	1158	1172	2098	3.71	3.71	3.49	3.67	11.76	8.6	4.6	2.05
6	gi|55740398|gb|AAV63975.1|	1159	1173	2099	4	4	4.86	3.72	13.53	8.38	3.39	2.05
6	gi|55740398|gb|AAV63975.1|	1160	1174	2100	4	4	5.9	3.98	15.45	8.74	3.39	2.05
6	gi|55740398|gb|AAV63975.1|	1161	1175	2101	6.71	3.91	6.71	8.46	16.77	10.21	4.09	2.05
6	gi|55740398|gb|AAV63975.1|	1162	1176	2102	8.16	4.05	9.33	8.16	26.6	17.59	3.42	2.05
6	gi|55740398|gb|AAV63975.1|	1163	1177	2103	15.15	15.15	29.87	12.71	37.02	22.74	5.62	4.95
6	gi|55740398|gb|AAV63975.1|	1164	1178	2104	12.18	15.15	8.55	12.18	30.55	27.45	8.89	4.99
6	gi|55740398|gb|AAV63975.1|	1165	1179	2105	17.17	16.04	14.51	12.13	34.49	29.13	35.9	17.17
6	gi|55740398|gb|AAV63975.1|	1171	1185	2106	9.59	9.59	18.6	9.36	50.34	25.04	3.47	6.18

Table 2

6	gi|55740398|gb|AAV63975.1|	1172	1186	2107	7.6	4.77	17.43	6.11	50.34	7.6	3.47	8.42
6	gi|55740398|gb|AAV63975.1|	1173	1187	2108	5.82	4.77	20.43	5.82	54.01	4.75	3.47	8.42
6	gi|55740398|gb|AAV63975.1|	1174	1188	2109	5.26	4.77	12.75	5.26	50.49	3.04	3.47	8.42
6	gi|55740398|gb|AAV63975.1|	1175	1189	2110	6.99	4.77	16.24	6.99	48.22	4.04	3.47	8.42
6	gi|55740398|gb|AAV63975.1|	1176	1190	2111	8.01	4.77	21.59	8.01	54.01	6.34	3.47	8.42
6	gi|55740398|gb|AAV63975.1|	1177	1191	2112	12.73	7.32	26.82	15.09	54.01	12.73	3.47	8.42
6	gi|55740398|gb|AAV63975.1|	1186	1200	2113	9.39	3.67	31.19	10.98	31.25	9.39	3.39	7.03
6	gi|55740398|gb|AAV63975.1|	1187	1201	2114	7.03	3.67	25.15	10.19	31.25	4.1	3.25	7.03
6	gi|55740398|gb|AAV63975.1|	1188	1202	2115	6.95	3.67	29.33	11.47	31.25	4.81	3.3	6.95
6	gi|55740398|gb|AAV63975.1|	1189	1203	2116	7.03	3.67	19.99	9.11	31.25	5.21	0.81	7.03
6	gi|55740398|gb|AAV63975.1|	1190	1204	2117	7.03	3.67	23.62	9.62	31.25	6.75	0.8	7.03
6	gi|55740398|gb|AAV63975.1|	1191	1205	2118	12.05	3.67	28.8	14.04	31.25	12.05	0.89	7.03
6	gi|55740398|gb|AAV63975.1|	1192	1206	2119	15.38	9.1	31.19	15.38	31.25	27.07	0.87	9.06
6	gi|55740398|gb|AAV63975.1|	1193	1207	2120	19.7	13.57	45.26	19.7	51.74	41.67	5.13	9.81
6	gi|55740398|gb|AAV63975.1|	1195	1209	2121	19.47	13.57	38.52	19.47	51.74	35.15	5.1	17.68
6	gi|55740398|gb|AAV63975.1|	1219	1233	2122	13.58	3.79	8.51	13.58	17.28	20.3	7.66	15.98
6	gi|55740398|gb|AAV63975.1|	1220	1234	2123	8.96	2.99	3.08	12.39	17.28	8.96	8.42	14.94
6	gi|55740398|gb|AAV63975.1|	1221	1235	2124	7.02	2.99	1.5	11.82	11.35	2.98	7.02	12.93
6	gi|55740398|gb|AAV63975.1|	1222	1236	2125	5.66	2.99	2.39	12.1	11.03	2.58	5.66	12.67
6	gi|55740398|gb|AAV63975.1|	1223	1237	2126	2.99	2.99	2.57	16.37	11.17	2.13	1.84	12.64
6	gi|55740398|gb|AAV63975.1|	1224	1238	2127	4.14	3.7	4.14	24.44	12.2	2.95	1.56	18.11
6	gi|55740398|gb|AAV63975.1|	1225	1239	2128	4.81	4.81	4.14	31.59	16.55	4.7	1.5	17.18
6	gi|55740398|gb|AAV63975.1|	1226	1240	2129	12.93	12.93	5.38	42.08	21.5	10.89	2.37	22.17
6	gi|55740398|gb|AAV63975.1|	1227	1241	2130	19.57	11.41	6.35	33.1	23.65	29.98	2.81	19.57
6	gi|55740398|gb|AAV63975.1|	1229	1243	2131	17.01	4.09	36.88	17.01	35.8	18.95	2.76	9.09
6	gi|55740398|gb|AAV63975.1|	1230	1244	2132	13.98	2.38	40.11	13.98	25.35	12.63	19.11	7.79
6	gi|55740398|gb|AAV63975.1|	1231	1245	2133	14.48	1.85	42.37	14.48	27.72	11.25	25.85	8.19
6	gi|55740398|gb|AAV63975.1|	1232	1246	2134	15.89	1.59	46.16	15.89	29.17	12.31	31.45	7.77
6	gi|55740398|gb|AAV63975.1|	1233	1247	2135	17.18	3.53	46.16	11.41	28.64	16.9	44.78	17.18
6	gi|55740398|gb|AAV63975.1|	1236	1250	2136	8.61	8.61	0.61	22.77	15.25	4.63	42.7	5.84
6	gi|55740398|gb|AAV63975.1|	1237	1251	2137	5.66	5.35	0.66	22.77	14.94	1.64	39.14	5.66
6	gi|55740398|gb|AAV63975.1|	1238	1252	2138	4.34	2.74	0.37	11.28	13.46	0.67	27.13	4.34
6	gi|55740398|gb|AAV63975.1|	1239	1253	2139	4.34	1.8	0.48	12.46	13.63	0.61	18.68	4.34
6	gi|55740398|gb|AAV63975.1|	1240	1254	2140	4.34	2.79	0.73	14.69	19.79	0.65	17.76	4.34
6	gi|55740398|gb|AAV63975.1|	1241	1255	2141	5.53	4.57	1.29	15.64	28.46	1.8	8.61	5.53
6	gi|55740398|gb|AAV63975.1|	1242	1256	2142	7.98	7.98	1.95	14.64	37.88	7.75	8.89	4.94
6	gi|55740398|gb|AAV63975.1|	1243	1257	2143	17.21	37.07	9.71	17.21	66.84	21.6	8.02	9.07
6	gi|55740398|gb|AAV63975.1|	1244	1258	2144	8.47	14.36	6.97	12	70.91	8.47	7.96	2.44
6	gi|55740398|gb|AAV63975.1|	1245	1259	2145	9.2	14.96	8.82	19.36	66.84	5.25	9.2	2.44
6	gi|55740398|gb|AAV63975.1|	1246	1260	2146	10.09	10.94	6.9	18.64	35.34	2.57	10.09	2.44
6	gi|55740398|gb|AAV63975.1|	1247	1261	2147	8.86	8.86	8.53	18.64	32.37	3.6	11.03	2.44
6	gi|55740398|gb|AAV63975.1|	1248	1262	2148	12.45	12.45	9.71	18.64	31.92	5.64	19.97	2.44
6	gi|55740398|gb|AAV63975.1|	1249	1263	2149	14.96	14.96	9.71	29.26	30.78	9.49	22.76	2.44
6	gi|55740398|gb|AAV63975.1|	1261	1275	2150	13.58	11.59	6.88	13.58	64.08	48.35	18.7	13.28
6	gi|55740398|gb|AAV63975.1|	1262	1276	2151	13.82	11.59	8.77	13.82	64.08	39.29	17.83	13.28
6	gi|55740398|gb|AAV63975.1|	1263	1277	2152	15.68	10.64	10.93	13.82	58.93	33.51	15.94	15.68
6	gi|55740398|gb|AAV63975.1|	1264	1278	2153	14.06	11.59	15.98	12.74	61.24	32.1	14.06	13.28
6	gi|55740398|gb|AAV63975.1|	1265	1279	2154	16.91	13.04	21.66	9.82	20.3	29.13	16.91	13.28

Table 2

6	gi|55740398|gb|AAV63975.1|	1266	1280	2155	19.13	13.04	24.58	16.77	20.3	30.21	19.13	19.08
6	gi|55740398|gb|AAV63975.1|	1267	1281	2156	13.28	13.04	4.44	11.84	20.3	25.93	17.18	13.28
6	gi|55740398|gb|AAV63975.1|	1285	1299	2157	18.59	13.52	18.59	12.41	55.9	57.64	21.08	14.13
6	gi|55740398|gb|AAV63975.1|	1287	1301	2158	18.19	8.98	28.25	15.89	29.12	56.96	18.19	16.97
6	gi|55740398|gb|AAV63975.1|	1289	1303	2159	18.9	3.57	34.82	18.9	29.12	56.05	13.04	18.83
6	gi|55740398|gb|AAV63975.1|	1312	1326	2160	7.61	7.4	7.61	0.78	25.12	15.71	0.5	8.92
6	gi|55740398|gb|AAV63975.1|	1313	1327	2161	5.75	5.75	8.06	0.62	29.83	8.2	0.23	0.22
6	gi|55740398|gb|AAV63975.1|	1314	1328	2162	4.3	4.3	11.64	0.59	29.83	5.36	0.18	0.2
6	gi|55740398|gb|AAV63975.1|	1315	1329	2163	2	3.42	12.87	0.57	66.09	2	0.11	0.19
6	gi|55740398|gb|AAV63975.1|	1316	1330	2164	1.21	4.77	14.28	0.59	62.77	1.21	0.08	0.16
6	gi|55740398|gb|AAV63975.1|	1317	1331	2165	1.88	7.62	19.49	1.88	66.85	1.76	0.14	0.18
6	gi|55740398|gb|AAV63975.1|	1318	1332	2166	1.95	8.98	20.65	1.95	47.59	1.73	0.2	0.64
6	gi|55740398|gb|AAV63975.1|	1319	1333	2167	8.98	8.98	36.34	13.55	46.21	4.2	1.06	0.68
6	gi|55740398|gb|AAV63975.1|	1320	1334	2168	14.98	6.66	39.06	16.66	45.84	4.37	14.98	0.62
6	gi|55740398|gb|AAV63975.1|	1321	1335	2169	16.41	6.66	32.4	17.89	41.4	3.66	16.41	0.62
6	gi|55740398|gb|AAV63975.1|	1322	1336	2170	16.76	6.66	35.97	20.74	49.33	3.52	16.76	0.62
6	gi|55740398|gb|AAV63975.1|	1323	1337	2171	16.76	6.66	31.13	19.61	52.22	2.6	16.76	0.62
6	gi|55740398|gb|AAV63975.1|	1324	1338	2172	16.76	6.66	32.43	17.47	20.31	2.88	16.76	0.62
6	gi|55740398|gb|AAV63975.1|	1325	1339	2173	10.46	6.66	36.87	20.63	16.6	3.5	10.46	0.62
6	gi|55740398|gb|AAV63975.1|	1326	1340	2174	5.63	6.18	16.18	3.67	13.87	5.63	4.16	0.62
6	gi|55740398|gb|AAV63975.1|	1327	1341	2175	6.18	6.18	27.3	3.93	13.13	8.3	2.86	5.58
6	gi|55740398|gb|AAV63975.1|	1328	1342	2176	7.23	7.23	36.45	4.14	15.85	8.84	4.94	5.6
6	gi|55740398|gb|AAV63975.1|	1329	1343	2177	10.22	17.29	43.6	3.89	19.47	10.22	4.92	5.85
6	gi|55740398|gb|AAV63975.1|	1330	1344	2178	14.57	19.48	44.82	3.61	24.29	14.57	3.89	5.73
6	gi|55740398|gb|AAV63975.1|	1334	1348	2179	16.97	16.97	45.04	8.24	50.35	23.49	12.1	4.38
6	gi|55740398|gb|AAV63975.1|	1335	1349	2180	16.8	16.8	50.86	8.91	50.35	22.85	13.37	4.43
6	gi|55740398|gb|AAV63975.1|	1348	1362	2181	6.07	6.07	3.33	15.8	38.45	29.67	1.83	1.86
6	gi|55740398|gb|AAV63975.1|	1349	1363	2182	6.62	6.07	4.54	16.5	38.45	31.01	6.62	3.19
6	gi|55740398|gb|AAV63975.1|	1350	1364	2183	13.39	6.07	4.79	17.76	38.45	33	13.39	3.19
6	gi|55740398|gb|AAV63975.1|	1351	1365	2184	17.1	6.07	6.46	23.43	38.45	42.81	17.1	3.19
6	gi|55740398|gb|AAV63975.1|	1353	1367	2185	16.55	10.21	13.89	32.88	32.03	51.98	13.76	16.55
6	gi|55740398|gb|AAV63975.1|	1356	1370	2186	17.81	15.7	73.67	17.81	33.57	62.07	9.46	17.66
6	gi|55740398|gb|AAV63975.1|	1357	1371	2187	17.81	31.94	14.59	17.81	33.57	54.79	7.18	16.79
6	gi|55740398|gb|AAV63975.1|	1358	1372	2188	17.6	15.94	17.6	17.81	33.57	58.94	7.81	16.73
6	gi|55740398|gb|AAV63975.1|	1359	1373	2189	16.57	16.57	14.66	17.81	34.52	57.47	7.53	16.57
6	gi|55740398|gb|AAV63975.1|	1396	1410	2190	13.82	21.07	0.32	23.81	2.56	13.82	81.54	1.79
6	gi|55740398|gb|AAV63975.1|	1397	1411	2191	9.7	21.07	0.52	29.94	2.69	9.7	81.11	1.77
6	gi|55740398|gb|AAV63975.1|	1398	1412	2192	7.6	21.07	0.88	30.89	3.26	7.6	75.51	1.65
6	gi|55740398|gb|AAV63975.1|	1399	1413	2193	11.02	21.07	1.38	32.96	5.86	11.02	43.64	1.75
6	gi|55740398|gb|AAV63975.1|	1400	1414	2194	14.7	26.21	1.78	27.93	10.11	15.1	14.7	4.05
6	gi|55740398|gb|AAV63975.1|	1401	1415	2195	15.8	21.07	2.72	28.54	22.62	15.8	12.7	5.24
6	gi|55740398|gb|AAV63975.1|	1402	1416	2196	6.81	18.67	2.73	9.17	8.16	2.48	6.81	3.19
6	gi|55740398|gb|AAV63975.1|	1403	1417	2197	5.37	18.67	3.71	9.17	8.66	0.92	5.37	3.19
6	gi|55740398|gb|AAV63975.1|	1404	1418	2198	4.67	14.67	4.67	9.17	8.8	0.58	4.11	3.19
6	gi|55740398|gb|AAV63975.1|	1405	1419	2199	6.68	15.2	6.68	9.17	9.63	0.54	3.37	3.19
6	gi|55740398|gb|AAV63975.1|	1406	1420	2200	9.17	18.67	9.64	9.17	16.44	0.93	5.14	3.19
6	gi|55740398|gb|AAV63975.1|	1407	1421	2201	11.58	18.67	11.58	9.17	17.04	2.58	26.71	3.19
6	gi|55740398|gb|AAV63975.1|	1408	1422	2202	16	13.04	16	9.17	17.04	18.13	22.6	3.19

Table 2

6	gi|55740398|gb|AAV63975.1|	1409	1423	2203	17.04	13.04	30.4	13.65	17.04	22.51	23.58	1.16
6	gi|55740398|gb|AAV63975.1|	1410	1424	2204	17.04	13.04	37.22	14.67	17.04	18.72	20.68	1.16
6	gi|55740398|gb|AAV63975.1|	1411	1425	2205	17.04	13.04	37.22	17.24	17.04	16.73	18.13	1.04
6	gi|55740398|gb|AAV63975.1|	1412	1426	2206	16.39	13.04	37.22	20.39	17.04	13.9	16.39	1.03
6	gi|55740398|gb|AAV63975.1|	1413	1427	2207	18.66	13.04	37.22	24.24	45.87	16.82	18.66	1.1
6	gi|55740398|gb|AAV63975.1|	1428	1442	2208	12.46	5.24	20.88	12.46	10.17	14.66	45.39	9.8
6	gi|55740398|gb|AAV63975.1|	1429	1443	2209	7.95	5.24	7.95	10.41	10.17	6.78	49.17	4.05
6	gi|55740398|gb|AAV63975.1|	1430	1444	2210	7.43	4.77	7.43	10.32	10.17	4.09	46.5	3.1
6	gi|55740398|gb|AAV63975.1|	1431	1445	2211	7.08	4.77	7.08	11.19	38.46	3.28	42.77	3.1
6	gi|55740398|gb|AAV63975.1|	1432	1446	2212	6.41	4.77	6.41	11.61	38.46	4.11	36.34	3.23
6	gi|55740398|gb|AAV63975.1|	1433	1447	2213	7.25	7.25	4.14	11.61	38.46	6.48	36.34	3.28
6	gi|55740398|gb|AAV63975.1|	1434	1448	2214	9.85	6.88	4.14	12.17	32.26	9.85	36.34	4.87
6	gi|55740398|gb|AAV63975.1|	1435	1449	2215	12.74	12.74	3.61	12.34	26.65	16.62	36.34	7.26
6	gi|55740398|gb|AAV63975.1|	1436	1450	2216	14.61	6.23	3.64	14.61	22.1	23	36.34	14.05
6	gi|55740398|gb|AAV63975.1|	1441	1455	2217	14.24	10.56	8.04	14.24	55.62	74.96	14.15	19.9
6	gi|55740398|gb|AAV63975.1|	1442	1456	2218	19.01	4.77	21.85	6.02	55.53	66.67	11.91	19.01
6	gi|55740398|gb|AAV63975.1|	1443	1457	2219	18.83	4.77	22.19	6	57.4	58.14	11.91	18.83
6	gi|55740398|gb|AAV63975.1|	1444	1458	2220	19.32	4.77	26.4	6.15	54.96	58.01	11.77	19.32
6	gi|55740398|gb|AAV63975.1|	1465	1479	2221	19.14	9.11	46.67	22.25	66.09	19.14	5.96	15.27
6	gi|55740398|gb|AAV63975.1|	1467	1481	2222	14.03	12.35	35.16	10.28	48.03	27.06	14.03	13.69
6	gi|55740398|gb|AAV63975.1|	1468	1482	2223	17.93	17.93	35.16	10.04	43.4	27.94	14.03	13.69
6	gi|55740398|gb|AAV63975.1|	1469	1483	2224	18.08	18.08	35.16	10.88	43.4	32.1	14.03	13.69
6	gi|55740398|gb|AAV63975.1|	1479	1493	2225	18.81	18.81	18.59	32.17	9.58	56.65	38.82	5.85
6	gi|55740398|gb|AAV63975.1|	1491	1505	2226	13.39	11.04	7.62	13.39	53.22	50.08	11.83	15.91
6	gi|55740398|gb|AAV63975.1|	1492	1506	2227	13.58	13.58	10.81	12.95	53.22	42.32	7.54	15.91
6	gi|55740398|gb|AAV63975.1|	1493	1507	2228	15.91	13.51	15.95	12.98	66.11	41.14	5.76	15.91
6	gi|55740398|gb|AAV63975.1|	1494	1508	2229	13.01	10.59	19.22	13.01	66.11	30.07	4.56	8.99
6	gi|55740398|gb|AAV63975.1|	1495	1509	2230	12.1	10.89	19.05	12.1	66.11	20.27	2.42	8.8
6	gi|55740398|gb|AAV63975.1|	1496	1510	2231	18.75	14.05	20.48	23.47	66.11	18.75	1.61	17.58
6	gi|55740398|gb|AAV63975.1|	1497	1511	2232	16.83	2.98	20.48	21.42	51.09	15.51	1.54	16.83
6	gi|55740398|gb|AAV63975.1|	1498	1512	2233	12.6	2.98	37.22	24.38	40.22	12.6	3.74	7.23
6	gi|55740398|gb|AAV63975.1|	1499	1513	2234	5.79	2.98	0.74	6.56	21	7.04	3.64	5.79
6	gi|55740398|gb|AAV63975.1|	1500	1514	2235	4.13	2.98	0.88	6.52	21	4.13	3.3	5.79
6	gi|55740398|gb|AAV63975.1|	1501	1515	2236	7.41	8.88	1.29	7.41	21	5.25	8.03	5.79
6	gi|55740398|gb|AAV63975.1|	1502	1516	2237	7.41	14.22	1.98	7.41	21	7.41	15.14	5.79
6	gi|55740398|gb|AAV63975.1|	1503	1517	2238	13.62	13.62	3.17	7.9	21	14.05	26.52	5.79
6	gi|55740398|gb|AAV63975.1|	1504	1518	2239	17.27	13.62	4.22	17.27	21	24.57	18.12	7.08
6	gi|55740398|gb|AAV63975.1|	1505	1519	2240	12.85	13.62	5.02	12.85	8.86	33.09	11.19	14.13
6	gi|55740398|gb|AAV63975.1|	1506	1520	2241	14.13	13.62	20.36	23.79	9.11	33.61	9.51	14.13
6	gi|55740398|gb|AAV63975.1|	1507	1521	2242	14.13	7.88	25.84	23.85	9.32	28.7	6.71	14.13
6	gi|55740398|gb|AAV63975.1|	1508	1522	2243	14.13	12.41	26.4	23.58	9.02	22.17	5.41	14.13
6	gi|55740398|gb|AAV63975.1|	1509	1523	2244	13.58	12.37	9.1	18.4	13.58	18.67	1.66	14.13
6	gi|55740398|gb|AAV63975.1|	1510	1524	2245	19.95	21.24	12.3	26.22	19.95	22.71	1.25	14.13
6	gi|55740398|gb|AAV63975.1|	1522	1536	2246	12.9	4.7	46.76	18.94	12.9	33.25	12.68	6.55
6	gi|55740398|gb|AAV63975.1|	1523	1537	2247	19.06	5.24	54.62	19.06	25.32	29.76	11.43	6.55
6	gi|55740398|gb|AAV63975.1|	1524	1538	2248	18.16	5.24	59.91	18.16	33.09	24.73	8.75	5.02
6	gi|55740398|gb|AAV63975.1|	1525	1539	2249	7.02	5.24	59.91	7.02	41.58	22.18	6.86	2.68
6	gi|55740398|gb|AAV63975.1|	1526	1540	2250	9.49	5.24	59.91	7.18	50.75	22.25	9.49	2.68

Table 2

6	gi|55740398|gb|AAV63975.1|	1527	1541	2251	11.1	2.41	48.48	5.61	63.67	22.22	11.1	2.68
6	gi|55740398|gb|AAV63975.1|	1528	1542	2252	11.89	2.41	54.42	5.73	67.2	27.84	11.89	3.76
6	gi|55740398|gb|AAV63975.1|	1529	1543	2253	8.42	2.41	8.42	5.29	14.41	26.92	14.72	5.05
6	gi|55740398|gb|AAV63975.1|	1530	1544	2254	10.34	2.11	11.34	8.88	14.41	27.9	10.34	5.05
6	gi|55740398|gb|AAV63975.1|	1531	1545	2255	12.35	2.41	12.52	9.65	14.41	29.91	8.84	12.35
6	gi|55740398|gb|AAV63975.1|	1532	1546	2256	18.28	2.41	17.62	20.21	14.41	33.66	18.28	18.41
6	gi|55740398|gb|AAV63975.1|	1543	1557	2257	18.88	0.53	41.93	21.88	19.22	18.88	13.77	5.28
6	gi|55740398|gb|AAV63975.1|	1544	1558	2258	13.66	0.75	41.93	13.66	27.92	17.08	3.43	3.44
6	gi|55740398|gb|AAV63975.1|	1545	1559	2259	15.72	1.38	41.93	15.72	38.43	18.88	2.41	3.44
6	gi|55740398|gb|AAV63975.1|	1548	1562	2260	11.93	8.98	13.44	11.93	63.9	27.38	1.41	4.01
6	gi|55740398|gb|AAV63975.1|	1549	1563	2261	13.57	8.98	13.57	14.12	66.52	23.73	1.45	4.7
6	gi|55740398|gb|AAV63975.1|	1550	1564	2262	7.56	5.05	7.56	11.96	52.39	14.84	1.11	4.01
6	gi|55740398|gb|AAV63975.1|	1551	1565	2263	9.03	4.48	9.03	12.51	40.19	17.81	1.97	4.84
6	gi|55740398|gb|AAV63975.1|	1552	1566	2264	12.38	4.49	12.38	13.14	40.91	21.66	4.04	4.98
6	gi|55740398|gb|AAV63975.1|	1553	1567	2265	17.99	3.86	17.99	24.77	41.62	28.75	4.73	7.87
6	gi|55740398|gb|AAV63975.1|	1569	1583	2266	14.28	16.43	22.35	11.43	2.19	19.13	14.28	8.42
6	gi|55740398|gb|AAV63975.1|	1570	1584	2267	9.69	11.28	7.51	11.54	2.23	9.69	26.32	8.42
6	gi|55740398|gb|AAV63975.1|	1571	1585	2268	8.18	7.71	8.18	10.08	2.16	5.93	22.97	8.42
6	gi|55740398|gb|AAV63975.1|	1572	1586	2269	8.42	7.01	10.56	12.66	2.46	5.62	23.41	8.42
6	gi|55740398|gb|AAV63975.1|	1573	1587	2270	10.88	10.88	13.58	14.99	4.47	7.62	22.41	8.42
6	gi|55740398|gb|AAV63975.1|	1574	1588	2271	16.48	11.59	16.72	22.35	7.53	13.52	18.81	16.48
6	gi|55740398|gb|AAV63975.1|	1575	1589	2272	12.69	11.59	22.03	10.25	12.49	32.67	12.69	18.16
6	gi|55740398|gb|AAV63975.1|	1576	1590	2273	15.35	11.59	17.05	3.05	15.35	44.14	7.72	35.26
6	gi|55740398|gb|AAV63975.1|	1577	1591	2274	8.92	7.21	31.46	1.86	15.35	15.8	5.41	8.92
6	gi|55740398|gb|AAV63975.1|	1578	1592	2275	5.02	5.02	23.64	1.39	8.22	4.41	3.15	8.92
6	gi|55740398|gb|AAV63975.1|	1579	1593	2276	6.14	6.14	26.46	1.39	8.09	2.63	4.18	8.92
6	gi|55740398|gb|AAV63975.1|	1580	1594	2277	7.21	7.21	31.53	1.47	7.21	3.23	5.89	8.92
6	gi|55740398|gb|AAV63975.1|	1581	1595	2278	6.67	6.73	32.26	2.2	6.67	3.5	4.72	8.92
6	gi|55740398|gb|AAV63975.1|	1582	1596	2279	10.13	7.21	40.08	16.48	10.13	6.82	13.36	9.97
6	gi|55740398|gb|AAV63975.1|	1583	1597	2280	16.61	7.21	39.16	28.64	14.5	23.95	16.61	10.51
6	gi|55740398|gb|AAV63975.1|	1584	1598	2281	19.47	3.13	31.83	16.91	8.3	46.95	22.81	19.47
6	gi|55740398|gb|AAV63975.1|	1585	1599	2282	19.45	4.6	42.91	17.01	9.48	60.86	22.9	19.45
6	gi|55740398|gb|AAV63975.1|	1589	1603	2283	13.77	11.68	18.08	13.77	10.76	60.49	29.79	6.59
6	gi|55740398|gb|AAV63975.1|	1590	1604	2284	13.82	9.02	14.29	13.82	6.16	49.52	29.79	6.65
6	gi|55740398|gb|AAV63975.1|	1591	1605	2285	11.46	11.46	10.94	14.58	9.03	33.75	33.76	0.67
6	gi|55740398|gb|AAV63975.1|	1592	1606	2286	10.29	10.29	9.96	14.12	8.53	25.49	52.67	0.62
6	gi|55740398|gb|AAV63975.1|	1593	1607	2287	11.12	9.99	11.12	15.77	8.78	22.21	47.86	0.59
6	gi|55740398|gb|AAV63975.1|	1594	1608	2288	14.15	11.46	12.51	18.06	14.15	23.1	46.89	0.64
6	gi|55740398|gb|AAV63975.1|	1597	1611	2289	9.78	17.96	3.27	9.78	25.21	39.45	3.8	3.19
6	gi|55740398|gb|AAV63975.1|	1598	1612	2290	8.65	17.96	5.7	8.65	16.49	38.65	1	5.86
6	gi|55740398|gb|AAV63975.1|	1599	1613	2291	6.62	17.96	6.62	6.37	16.49	34.39	0.51	5.61
6	gi|55740398|gb|AAV63975.1|	1600	1614	2292	10.14	13.04	10.14	5.2	16.49	27.43	0.44	3.46
6	gi|55740398|gb|AAV63975.1|	1601	1615	2293	6.35	8.51	6.35	3.53	16.49	21.27	0.37	3.19
6	gi|55740398|gb|AAV63975.1|	1602	1616	2294	9.28	11.89	9.28	5.96	16.49	22.92	0.36	3.88
6	gi|55740398|gb|AAV63975.1|	1603	1617	2295	11.53	11.53	13.73	7	16.49	25.74	0.44	3.98
6	gi|55740398|gb|AAV63975.1|	1604	1618	2296	16.49	19.04	27.85	9.3	16.49	28.89	2.92	6.18
6	gi|55740398|gb|AAV63975.1|	1621	1635	2297	19.74	8.59	64.91	33.97	17.26	60.73	16.35	19.74
6	gi|55740398|gb|AAV63975.1|	1622	1636	2298	19.74	6.88	64.91	39.87	16.29	56.19	15.67	19.74

Table 2

6	gi|55740398|gb|AAV63975.1|	1623	1637	2299	19.74	5.17	64.91	45.01	15.98	50.56	15.93	19.74
6	gi|55740398|gb|AAV63975.1|	1627	1641	2300	11.66	6.29	11.66	8.57	34.32	36.28	60.61	2.37
6	gi|55740398|gb|AAV63975.1|	1628	1642	2301	11.11	10.64	11.11	8.57	58.56	33.09	49.62	2.71
6	gi|55740398|gb|AAV63975.1|	1629	1643	2302	15.13	15.13	11.31	8.57	58.56	31.66	37.87	2.93
6	gi|55740398|gb|AAV63975.1|	1630	1644	2303	18.08	18.08	15.33	11.54	58.56	35.64	39.35	4.33
6	gi|55740398|gb|AAV63975.1|	1631	1645	2304	18.08	18.08	15.21	12.2	58.56	36.32	42.03	4.42
6	gi|55740398|gb|AAV63975.1|	1635	1649	2305	19.8	22.11	46.16	19.8	14.05	56.95	18	15.27
6	gi|55740398|gb|AAV63975.1|	1639	1653	2306	18.5	30.72	33.64	14.13	12.59	18.5	30.18	2.18
6	gi|55740398|gb|AAV63975.1|	1640	1654	2307	19.68	21.22	40.64	8.16	15.89	19.68	26.63	2.18
6	gi|55740398|gb|AAV63975.1|	1641	1655	2308	19.14	21.22	43.54	14.33	20.37	19.14	15.77	2.96
6	gi|55740398|gb|AAV63975.1|	1644	1658	2309	8.83	8.08	12.97	8.83	1.27	21.47	9.27	0.7
6	gi|55740398|gb|AAV63975.1|	1645	1659	2310	9.21	16.79	13.78	9.21	1.29	15.85	6.03	0.7
6	gi|55740398|gb|AAV63975.1|	1646	1660	2311	5.43	4.22	11.1	8.09	1.43	13.09	5.43	0.7
6	gi|55740398|gb|AAV63975.1|	1647	1661	2312	4.52	4.52	14.45	8.03	1.49	13.9	1.77	0.7
6	gi|55740398|gb|AAV63975.1|	1648	1662	2313	4.34	4.34	5.08	7.32	1.48	14.44	1.1	0.7
6	gi|55740398|gb|AAV63975.1|	1649	1663	2314	5.01	5.01	7.05	12.41	4.1	15.29	1.13	1.07
6	gi|55740398|gb|AAV63975.1|	1650	1664	2315	3.23	2.27	9.06	12.46	3.23	15.17	1.31	0.7
6	gi|55740398|gb|AAV63975.1|	1651	1665	2316	14.23	5.24	14.23	16.43	41.23	14.45	2.68	1.05
6	gi|55740398|gb|AAV63975.1|	1652	1666	2317	12.18	5.24	18.5	18.59	49.38	12.18	10.43	1.05
6	gi|55740398|gb|AAV63975.1|	1653	1667	2318	12.94	5.24	21.54	26.4	54.01	12.13	12.94	1.05
6	gi|55740398|gb|AAV63975.1|	1654	1668	2319	18.49	5.24	27.08	27.7	38.12	16.08	18.49	1.05
6	gi|55740398|gb|AAV63975.1|	1660	1674	2320	11.15	11.15	6.8	9.1	17.42	12.71	27.54	1.69
6	gi|55740398|gb|AAV63975.1|	1661	1675	2321	9.1	11.07	7.19	9.1	16.04	7.39	32.48	1.69
6	gi|55740398|gb|AAV63975.1|	1662	1676	2322	9.1	9.7	7.19	9.1	16.06	5.03	31.2	1.69
6	gi|55740398|gb|AAV63975.1|	1663	1677	2323	7.19	3.44	7.19	9.1	16.47	4.07	26.14	1.47
6	gi|55740398|gb|AAV63975.1|	1664	1678	2324	7.19	3.64	7.19	9.1	28.09	4.92	19.65	1.69
6	gi|55740398|gb|AAV63975.1|	1665	1679	2325	7.72	3.61	7.19	10.98	33.71	7.72	19.97	2.67
6	gi|55740398|gb|AAV63975.1|	1666	1680	2326	10.83	3.26	7.19	10.83	15.86	24.69	42.21	2.67
6	gi|55740398|gb|AAV63975.1|	1685	1699	2327	16.52	7.76	43.44	4.16	29.03	46.81	16.52	7.69
6	gi|55740398|gb|AAV63975.1|	1686	1700	2328	4.81	2.99	36.04	0.15	0.01	31.57	4.81	7.46
6	gi|55740398|gb|AAV63975.1|	1687	1701	2329	4.81	2.99	42.39	0.15	0.01	28.59	4.81	7.46
6	gi|55740398|gb|AAV63975.1|	1688	1702	2330	4.81	2.99	30.8	0.15	0.01	22.31	4.81	6.77
6	gi|55740398|gb|AAV63975.1|	1689	1703	2331	4.81	2.99	39.21	0.15	0.01	21.33	4.81	6.93
6	gi|55740398|gb|AAV63975.1|	1690	1704	2332	7.46	6.64	42.69	0.15	0.01	21.75	7.46	13.99
6	gi|55740398|gb|AAV63975.1|	1691	1705	2333	12.73	10.41	43.51	0.23	0.03	29.53	12.73	15.37
6	gi|55740398|gb|AAV63975.1|	1698	1712	2334	13.72	13.72	6.32	2.58	21.41	15.55	58.85	4.9
6	gi|55740398|gb|AAV63975.1|	1699	1713	2335	6.57	13.72	1.88	2.58	21.41	6.57	35.23	1.27
6	gi|55740398|gb|AAV63975.1|	1700	1714	2336	5.36	13.72	1.88	2.58	21.41	5.36	28.83	3.19
6	gi|55740398|gb|AAV63975.1|	1701	1715	2337	4.1	13.72	1.88	2.58	21.41	4.1	22.54	3.19
6	gi|55740398|gb|AAV63975.1|	1702	1716	2338	4.33	8.34	1.88	2.75	21.41	4.33	18.35	3.19
6	gi|55740398|gb|AAV63975.1|	1703	1717	2339	9.48	9.48	1.88	10.98	21.41	6.3	10.82	3.19
6	gi|55740398|gb|AAV63975.1|	1704	1718	2340	9.49	9.87	2.27	10.98	21.41	9.49	7.36	4.14
6	gi|55740398|gb|AAV63975.1|	1705	1719	2341	9.97	10.9	9.97	6.44	20.96	19.75	5.57	4.94
6	gi|55740398|gb|AAV63975.1|	1706	1720	2342	8.34	8.34	9.43	3.35	19.14	15.43	5.92	3.19
6	gi|55740398|gb|AAV63975.1|	1707	1721	2343	9.48	2.46	12.56	2.38	18.32	10	9.48	3.15
6	gi|55740398|gb|AAV63975.1|	1708	1722	2344	9.64	2.55	19.23	2.23	19.96	9.64	14.19	3.26
6	gi|55740398|gb|AAV63975.1|	1709	1723	2345	9.22	2.53	24.94	1.82	25.56	9.22	17.12	3.06
6	gi|55740398|gb|AAV63975.1|	1710	1724	2346	12.46	2.73	29.76	2.58	30.65	12.46	28.31	3.21

Table 2

6	gi|55740398|gb|AAV63975.1|	1711	1725	2347	16.91	3.17	34.24	3.53	43.29	16.91	30.06	6.83
6	gi|55740398|gb|AAV63975.1|	1712	1726	2348	16.95	2.46	35.16	4.51	60.8	16.95	39.5	6.22
6	gi|55740398|gb|AAV63975.1|	1722	1736	2349	15.76	12.01	60.92	15.25	20.95	15.76	49.98	7.43
6	gi|55740398|gb|AAV63975.1|	1724	1738	2350	16.85	12.5	60.92	21.4	16.84	16.85	31.94	12.9
6	gi|55740398|gb|AAV63975.1|	1725	1739	2351	19.88	13.61	69.87	24.42	19.88	17.88	37.12	19.38
6	gi|55740398|gb|AAV63975.1|	1733	1747	2352	18.67	10.32	57.87	13.87	13.57	18.67	37.23	34.42
6	gi|55740398|gb|AAV63975.1|	1734	1748	2353	16.91	8.57	40.35	13.08	12.41	16.91	33.29	29.96
6	gi|55740398|gb|AAV63975.1|	1735	1749	2354	11.58	8.05	34.41	10.81	11.18	11.58	32.67	27.45
6	gi|55740398|gb|AAV63975.1|	1736	1750	2355	14.79	8.11	29.54	14.79	5.34	11.93	44.49	29.08
6	gi|55740398|gb|AAV63975.1|	1737	1751	2356	17.86	16.23	36.18	17.86	6.7	15.26	55.18	30.21
6	gi|55740398|gb|AAV63975.1|	1743	1757	2357	11.85	3.67	6.47	11.85	33.54	55.26	41.29	4.15
6	gi|55740398|gb|AAV63975.1|	1744	1758	2358	10.85	3.5	10.85	10.21	36.01	49.3	36.11	4.14
6	gi|55740398|gb|AAV63975.1|	1745	1759	2359	14.24	3.72	14.24	10.82	49	52.06	29.6	4.01
6	gi|55740398|gb|AAV63975.1|	1746	1760	2360	18.11	3.76	18.11	12.21	53.06	58.39	24.92	10.35
6	gi|55740398|gb|AAV63975.1|	1757	1771	2361	12.15	3.93	4.01	22.19	48.68	12.15	17.03	0.64
6	gi|55740398|gb|AAV63975.1|	1758	1772	2362	5.05	3.93	4.01	24.41	47.92	5.05	17.03	0.55
6	gi|55740398|gb|AAV63975.1|	1759	1773	2363	4.66	3.93	4.01	24.93	49.83	4.66	19.69	0.58
6	gi|55740398|gb|AAV63975.1|	1760	1774	2364	4.99	3.93	4.01	26.19	51.85	4.99	20.68	0.59
6	gi|55740398|gb|AAV63975.1|	1761	1775	2365	6.25	3.93	4.01	28.24	61.72	6.25	27.14	0.6
6	gi|55740398|gb|AAV63975.1|	1762	1776	2366	13.62	6.31	7.75	41.07	61.72	13.62	39.36	1.96
6	gi|55740398|gb|AAV63975.1|	1773	1787	2367	16.34	2.18	56.82	16.27	16.34	38.51	1.75	37.02
6	gi|55740398|gb|AAV63975.1|	1801	1815	2368	17.22	10.92	24.24	8.01	50.77	60.15	17.22	16.56
6	gi|55740398|gb|AAV63975.1|	1802	1816	2369	17.22	10.92	24.24	6.04	31.64	44.41	17.22	12.86
6	gi|55740398|gb|AAV63975.1|	1803	1817	2370	17.22	10.92	24.24	5.39	31.64	38.86	17.22	12.86
6	gi|55740398|gb|AAV63975.1|	1804	1818	2371	17.22	10.92	22.53	6.18	19.01	39.99	17.22	12.86
6	gi|55740398|gb|AAV63975.1|	1805	1819	2372	17.22	10.92	22.53	6.52	19.01	42.62	17.22	12.86
6	gi|55740398|gb|AAV63975.1|	1806	1820	2373	18.36	18.36	28.28	7.02	19.01	49.15	17.22	12.86
6	gi|55740398|gb|AAV63975.1|	1807	1821	2374	19.01	18.57	41.43	8.11	19.01	64.06	19.6	12.86
6	gi|55740398|gb|AAV63975.1|	1819	1833	2375	8.94	0.13	73.27	43.33	6.07	24.77	4.79	8.94
6	gi|55740398|gb|AAV63975.1|	1820	1834	2376	8.83	0.13	75.59	38.79	5.38	11.02	3.91	8.83
6	gi|55740398|gb|AAV63975.1|	1821	1835	2377	8.71	0.13	79.76	39.09	4.73	9.78	3.27	8.71
6	gi|55740398|gb|AAV63975.1|	1822	1836	2378	8.85	0.11	82.5	43.72	4.22	9.95	4.23	8.85
6	gi|55740398|gb|AAV63975.1|	1823	1837	2379	12.02	0.13	85.91	46.27	6.41	12.02	7.7	12.37
6	gi|55740398|gb|AAV63975.1|	1846	1860	2380	8.21	8.21	4.1	14.32	7.12	29.62	0.45	14.67
6	gi|55740398|gb|AAV63975.1|	1847	1861	2381	8.21	8.21	3.12	16.73	7.12	16.24	0.43	14.67
6	gi|55740398|gb|AAV63975.1|	1848	1862	2382	8.21	8.21	4.41	16.41	7.12	11.85	0.43	14.67
6	gi|55740398|gb|AAV63975.1|	1849	1863	2383	6.54	2.99	6.54	20.52	5.53	14.96	0.44	14.67
6	gi|55740398|gb|AAV63975.1|	1850	1864	2384	7.81	2.99	7.81	20.52	5.53	17.14	0.46	14.67
6	gi|55740398|gb|AAV63975.1|	1851	1865	2385	11.72	2.99	11.72	37.46	5.53	26.74	4.88	24.53
6	gi|55740398|gb|AAV63975.1|	1852	1866	2386	14.12	2.99	14.12	33.39	5.53	40.64	5.43	20.07
6	gi|55740398|gb|AAV63975.1|	1853	1867	2387	18.76	2.99	28.6	37.96	5.53	44.37	18.35	18.76
6	gi|55740398|gb|AAV63975.1|	1854	1868	2388	11.91	1.59	40.57	11.91	1.38	15.51	15.32	9.97
6	gi|55740398|gb|AAV63975.1|	1855	1869	2389	9.53	1.59	36.45	10.98	1.18	5.75	10.5	9.53
6	gi|55740398|gb|AAV63975.1|	1856	1870	2390	8.11	1.59	20.62	10.98	1.07	2.95	8.11	8.94
6	gi|55740398|gb|AAV63975.1|	1857	1871	2391	9.23	1.48	24.11	10.98	1.12	2.97	9.23	9.54
6	gi|55740398|gb|AAV63975.1|	1858	1872	2392	10.82	1.59	28.02	10.98	2.02	3.65	19.25	10.82
6	gi|55740398|gb|AAV63975.1|	1871	1885	2393	9.61	9.61	5.09	39.1	8.34	30.48	45.74	8.42
6	gi|55740398|gb|AAV63975.1|	1872	1886	2394	9.61	9.61	8.37	39.65	9.04	21.67	42.12	8.42

Table 2

6	gi|55740398|gb|AAV63975.1|	1873	1887	2395	13.59	9.61	12.46	40.18	13.59	23.57	40.5	8.42
6	gi|55740398|gb|AAV63975.1|	1901	1915	2396	13.98	2.22	13.98	5.84	65.69	14.97	29.57	6.18
6	gi|55740398|gb|AAV63975.1|	1902	1916	2397	2.22	2.22	0.02	0.49	52.08	0.44	23.35	6.18
6	gi|55740398|gb|AAV63975.1|	1903	1917	2398	2.22	2.22	0.01	0.44	38.9	0.06	17.87	6.18
6	gi|55740398|gb|AAV63975.1|	1904	1918	2399	2.22	2.22	0.01	0.7	36.21	0.04	14.66	6.18
6	gi|55740398|gb|AAV63975.1|	1905	1919	2400	2.22	2.22	0.02	0.86	34.24	0.04	9.98	6.18
6	gi|55740398|gb|AAV63975.1|	1906	1920	2401	6.78	6.78	0.04	1.62	32.7	0.06	11.96	8.92
6	gi|55740398|gb|AAV63975.1|	1907	1921	2402	5.06	7.39	0.11	3.83	38.38	0.18	5.06	8.92
6	gi|55740398|gb|AAV63975.1|	1908	1922	2403	2.71	2.71	0.21	2.97	28.91	2.42	0.31	8.82
6	gi|55740398|gb|AAV63975.1|	1909	1923	2404	7.8	2.71	7.8	5.18	27.86	8.4	0.16	9.71
6	gi|55740398|gb|AAV63975.1|	1910	1924	2405	5.93	2.71	6.33	5.18	27.75	5.93	0.08	7.02
6	gi|55740398|gb|AAV63975.1|	1911	1925	2406	6.42	2.63	7.72	5.18	19.61	6.42	0.08	6.99
6	gi|55740398|gb|AAV63975.1|	1912	1926	2407	6.83	2.71	11.52	5.18	23.4	6.83	0.07	10.61
6	gi|55740398|gb|AAV63975.1|	1913	1927	2408	8.31	2.71	15.29	7.43	25.1	8.31	0.11	12.45
6	gi|55740398|gb|AAV63975.1|	1914	1928	2409	12.47	2.71	20.24	7.84	28.9	16.63	0.2	12.47
6	gi|55740398|gb|AAV63975.1|	1915	1929	2410	12.55	4.01	33.59	12.55	40.01	26.85	12.23	9.68
6	gi|55740398|gb|AAV63975.1|	1916	1930	2411	18.37	7.55	34.66	12.59	41.57	38.14	18.37	10.17
6	gi|55740398|gb|AAV63975.1|	1917	1931	2412	18.37	7.21	34.66	12.58	44.73	49.86	18.37	10.08
6	gi|55740398|gb|AAV63975.1|	1918	1932	2413	13.89	13.89	5.5	6.34	48.42	38.77	18.37	8.73
6	gi|55740398|gb|AAV63975.1|	1919	1933	2414	10.51	10.51	1.36	5.77	37.72	20.56	18.37	7.98
6	gi|55740398|gb|AAV63975.1|	1920	1934	2415	12.77	11.53	1.76	4.97	44.01	13.91	18.37	12.77
6	gi|55740398|gb|AAV63975.1|	1921	1935	2416	11.34	11.34	1.62	4.94	44.32	9.33	18.37	12.5
6	gi|55740398|gb|AAV63975.1|	1922	1936	2417	13.64	13.64	1.8	10.74	38.9	8.2	26.47	16.05
6	gi|55740398|gb|AAV63975.1|	1923	1937	2418	14.8	14.8	2.75	10.64	50.97	9.69	26.44	19.57
6	gi|55740398|gb|AAV63975.1|	1926	1940	2419	10.74	17.9	6.35	3.75	10.74	39.51	22.53	3.73
6	gi|55740398|gb|AAV63975.1|	1927	1941	2420	10.74	10.87	8.69	3.75	10.74	22.25	14.3	1.16
6	gi|55740398|gb|AAV63975.1|	1928	1942	2421	11.34	11.39	11.34	5.18	10.74	18.42	14.3	1.16
6	gi|55740398|gb|AAV63975.1|	1929	1943	2422	8.72	6.45	14.78	5.18	10.74	8.72	14.3	1.16
6	gi|55740398|gb|AAV63975.1|	1930	1944	2423	5.18	1.99	19.27	5.18	10.74	4.64	14.3	1.16
6	gi|55740398|gb|AAV63975.1|	1931	1945	2424	5.18	1.56	7.54	5.18	10.74	2.76	13.37	1.16
6	gi|55740398|gb|AAV63975.1|	1932	1946	2425	5.18	1.49	8.01	5.18	10.74	2.16	14.3	1.16
6	gi|55740398|gb|AAV63975.1|	1933	1947	2426	11.51	1.79	11.68	11.51	23.01	2.96	14.3	1.16
6	gi|55740398|gb|AAV63975.1|	1934	1948	2427	11.51	3.57	16.58	11.51	52.66	5.54	23.82	4.54
6	gi|55740398|gb|AAV63975.1|	1935	1949	2428	11.51	6.21	22.87	11.51	64.5	13.38	6.76	4.69
6	gi|55740398|gb|AAV63975.1|	1939	1953	2429	15.2	2.95	60.92	17.89	22.43	15.2	2.5	2.56
6	gi|55740398|gb|AAV63975.1|	1940	1954	2430	6.52	2.95	60.92	6.52	22.43	7.49	1.88	2.03
6	gi|55740398|gb|AAV63975.1|	1941	1955	2431	4.09	2.95	57.18	6	22.43	4.09	2.71	1.86
6	gi|55740398|gb|AAV63975.1|	1942	1956	2432	5	2.95	53.12	6.11	22.43	5	2.82	1.91
6	gi|55740398|gb|AAV63975.1|	1943	1957	2433	6.08	2.95	53.12	6.08	22.43	5.52	15.5	0.7
6	gi|55740398|gb|AAV63975.1|	1944	1958	2434	10.28	2.95	53.03	7.94	22.43	10.28	32.11	0.84
6	gi|55740398|gb|AAV63975.1|	1953	1967	2435	9.39	2.66	44.78	17.93	9.39	14.73	6.5	7.95
6	gi|55740398|gb|AAV63975.1|	1954	1968	2436	7.95	2.66	46.18	18.91	8.13	7.06	7.23	7.95
6	gi|55740398|gb|AAV63975.1|	1955	1969	2437	7.95	1.88	46.91	18.86	7.12	5.25	8.37	7.95
6	gi|55740398|gb|AAV63975.1|	1956	1970	2438	17.98	1.3	27.96	17.98	5.83	4.97	19.97	19.73
6	gi|55740398|gb|AAV63975.1|	1957	1971	2439	19.73	1.9	30.8	19.77	9.24	4.56	27.95	19.73
6	gi|55740398|gb|AAV63975.1|	1958	1972	2440	19.73	2.66	26.38	34.48	17.04	11.19	28.68	19.73
6	gi|55740398|gb|AAV63975.1|	1961	1975	2441	15.22	25.87	1.02	23.39	24.47	15.22	6.43	14.65
6	gi|55740398|gb|AAV63975.1|	1962	1976	2442	13.94	18.57	0.74	22.08	24.47	9.49	5.53	13.94

Table 2

6	gi|55740398|gb|AAV63975.1|	1963	1977	2443	14.15	15.11	1.12	22.24	24.47	7.25	4.04	14.15
6	gi|55740398|gb|AAV63975.1|	1964	1978	2444	6.83	14.24	0.61	6.83	24.47	6.12	3.26	7.63
6	gi|55740398|gb|AAV63975.1|	1965	1979	2445	6.57	14.24	0.74	6.57	24.47	5.12	3.72	6.94
6	gi|55740398|gb|AAV63975.1|	1966	1980	2446	7.51	14.24	1.06	6.95	19.43	8.38	4.23	7.51
6	gi|55740398|gb|AAV63975.1|	1967	1981	2447	9.54	14.24	2.75	8.86	19.43	12.95	4.8	9.54
6	gi|55740398|gb|AAV63975.1|	1968	1982	2448	14.1	14.24	3.29	8.18	19.43	14.65	4.34	14.1
6	gi|55740398|gb|AAV63975.1|	1969	1983	2449	14.24	14.24	5.22	12.56	19.43	20.38	5.08	19.73
6	gi|55740398|gb|AAV63975.1|	1970	1984	2450	11.07	12.33	5.34	12.68	19.43	11.07	4.54	4.34
6	gi|55740398|gb|AAV63975.1|	1971	1985	2451	5.01	8.54	16.25	12.39	4.08	4.3	5.01	4.34
6	gi|55740398|gb|AAV63975.1|	1972	1986	2452	4.34	4.08	17.42	11.89	4.1	3.36	5.5	4.34
6	gi|55740398|gb|AAV63975.1|	1973	1987	2453	4.34	3.4	20.88	12.33	4.18	3.32	21.5	4.34
6	gi|55740398|gb|AAV63975.1|	1974	1988	2454	5.59	5.59	20.88	13.86	4.39	5.49	22.38	4.34
6	gi|55740398|gb|AAV63975.1|	1975	1989	2455	8.85	8.6	39.87	15.89	6.9	8.41	25.14	8.85
6	gi|55740398|gb|AAV63975.1|	1976	1990	2456	2.22	6.78	0.03	0.51	10.32	2.22	9	0.72
6	gi|55740398|gb|AAV63975.1|	1977	1991	2457	0.63	16.08	0.02	0.51	14.03	0.63	7.15	0.48
6	gi|55740398|gb|AAV63975.1|	1978	1992	2458	0.51	4.77	0.02	0.51	8.4	0.18	5.17	0.34
6	gi|55740398|gb|AAV63975.1|	1979	1993	2459	0.51	3.47	0.02	0.51	8.53	0.09	4.33	0.23
6	gi|55740398|gb|AAV63975.1|	1980	1994	2460	0.51	3.46	0.02	0.51	5.22	0.12	4.12	0.42
6	gi|55740398|gb|AAV63975.1|	1981	1995	2461	1.45	3.29	0.11	1.45	5.22	0.23	3.3	0.63
6	gi|55740398|gb|AAV63975.1|	1982	1996	2462	2.2	3.24	0.11	1.66	5.22	2.2	2.74	1.15
6	gi|55740398|gb|AAV63975.1|	1983	1997	2463	6.29	4.01	11.05	8.59	5.22	11.02	6.29	3.19
6	gi|55740398|gb|AAV63975.1|	1984	1998	2464	6.4	4.01	15.57	7.79	5.22	21.61	6.4	4.15
6	gi|55740398|gb|AAV63975.1|	1985	1999	2465	6.49	0.99	48.32	6.55	5.22	27.07	6.49	4.28
6	gi|55740398|gb|AAV63975.1|	1986	2000	2466	6.77	0.95	13.2	6.77	5.22	18.26	8.44	5.87
6	gi|55740398|gb|AAV63975.1|	1987	2001	2467	8.56	0.87	10.01	7.16	14.1	8.56	10.94	5.86
6	gi|55740398|gb|AAV63975.1|	1988	2002	2468	7.32	0.94	7.32	7.45	12.39	5.36	16.08	5.5
6	gi|55740398|gb|AAV63975.1|	1989	2003	2469	5.44	0.71	4.67	7.18	16.93	4.19	39.82	5.44
6	gi|55740398|gb|AAV63975.1|	1990	2004	2470	7.18	1.53	7.18	9.79	18.54	5.68	47.07	5.71
6	gi|55740398|gb|AAV63975.1|	1991	2005	2471	12.21	1.45	9.77	17.95	18.81	8.77	31.25	12.21
6	gi|55740398|gb|AAV63975.1|	1992	2006	2472	16.18	1.77	14.49	21.97	18.79	16.18	31.25	12.41
6	gi|55740398|gb|AAV63975.1|	1997	2011	2473	7.46	11.56	5.02	1.14	0.05	16.49	18.64	7.46
6	gi|55740398|gb|AAV63975.1|	1998	2012	2474	7.46	11.56	4.28	1.13	0.05	8.1	18.64	7.46
6	gi|55740398|gb|AAV63975.1|	1999	2013	2475	5.02	8.21	5.02	1.29	0.04	4.53	18.64	7.46
6	gi|55740398|gb|AAV63975.1|	2000	2014	2476	3.46	8.21	5.02	1.31	0.04	3.46	18.64	2.68
6	gi|55740398|gb|AAV63975.1|	2001	2015	2477	3.52	8.21	5.02	1.83	0.05	3.52	18.64	2.68
6	gi|55740398|gb|AAV63975.1|	2002	2016	2478	5.02	16.23	5.02	3.29	0.38	5.09	18.64	4.22
6	gi|55740398|gb|AAV63975.1|	2003	2017	2479	7.61	17.92	5.02	7.61	0.42	10.72	18.64	4.62
6	gi|55740398|gb|AAV63975.1|	2004	2018	2480	19.14	14.18	19.14	31.41	16.35	22.68	39.15	12.08
6	gi|55740398|gb|AAV63975.1|	2005	2019	2481	16.35	9.24	21.52	15.77	16.35	43.58	32.28	11.91
6	gi|55740398|gb|AAV63975.1|	2006	2020	2482	17.06	21.07	17.06	10.43	5.25	43.66	32.28	7.8
6	gi|55740398|gb|AAV63975.1|	2045	2059	2483	16.57	6.18	46.12	27.55	26.1	13.88	2.88	16.57
6	gi|55740398|gb|AAV63975.1|	2046	2060	2484	16.57	6.18	55.5	28.33	25.78	15.15	3.01	16.57
6	gi|55740398|gb|AAV63975.1|	2047	2061	2485	16.57	6.18	45.04	18.29	27.14	15.87	12.9	16.57
6	gi|55740398|gb|AAV63975.1|	2053	2067	2486	16.62	14.41	37.73	8.33	41.52	67.43	16.62	9.61
6	gi|55740398|gb|AAV63975.1|	2054	2068	2487	14.41	14.41	37.73	9.14	44.81	71.22	12.41	13.82
6	gi|55740398|gb|AAV63975.1|	2055	2069	2488	14.65	10.25	37.73	8.91	48.41	74.01	11.86	14.65
6	gi|55740398|gb|AAV63975.1|	2056	2070	2489	16.95	3	37.73	9.46	17.48	64.25	11.88	16.95
6	gi|55740398|gb|AAV63975.1|	2057	2071	2490	16.77	3.18	37.73	9.37	18.34	59.98	10.99	16.77

Table 2

6	gi|55740398|gb|AAV63975.1|	2058	2072	2491	10.08	3.13	37.73	9.02	19.09	40.88	10.08	1.69
6	gi|55740398|gb|AAV63975.1|	2059	2073	2492	9.55	2.97	9.55	9.52	17.74	25.5	10.19	1.69
6	gi|55740398|gb|AAV63975.1|	2060	2074	2493	8.26	2.8	4.59	8.26	18.53	15.83	17.56	1.69
6	gi|55740398|gb|AAV63975.1|	2061	2075	2494	8.49	5.55	6.83	8.49	18.53	15.74	17.56	1.69
6	gi|55740398|gb|AAV63975.1|	2062	2076	2495	13.64	5.9	11.3	13.64	18.53	21.6	19.98	1.69
6	gi|55740398|gb|AAV63975.1|	2063	2077	2496	13.96	9.47	13.96	13.64	18.53	27.42	25.16	3.72
6	gi|55740398|gb|AAV63975.1|	2064	2078	2497	14.01	9.47	14.01	13.64	18.53	42.81	31.53	3.89
6	gi|55740398|gb|AAV63975.1|	2065	2079	2498	18.06	10.77	14.01	20.32	18.53	54.46	18.06	10.99
6	gi|55740398|gb|AAV63975.1|	2123	2137	2499	15.04	26.07	4.59	15.04	31.77	36.77	10.5	5.42
6	gi|55740398|gb|AAV63975.1|	2124	2138	2500	19.74	26.07	4.17	15.04	22.56	19.74	28.87	5.42
6	gi|55740398|gb|AAV63975.1|	2125	2139	2501	13.04	13.04	5.3	7.41	25.06	16.94	54.77	5.42
6	gi|55740398|gb|AAV63975.1|	2126	2140	2502	10.87	10.87	3.86	7.41	24.76	12.83	50.46	5.42
6	gi|55740398|gb|AAV63975.1|	2127	2141	2503	10.87	10.87	5.45	7.41	24.52	13.59	51.36	5.42
6	gi|55740398|gb|AAV63975.1|	2128	2142	2504	12.56	10.87	8.16	12.56	31.22	18.47	53.24	5.42
6	gi|55740398|gb|AAV63975.1|	2129	2143	2505	14.3	10.87	11.03	14.3	36.24	28.93	54.81	5.42
6	gi|55740398|gb|AAV63975.1|	2132	2146	2506	13.19	0.57	4.56	13.19	38.3	37.46	23.83	10.36
6	gi|55740398|gb|AAV63975.1|	2133	2147	2507	13.47	0.47	4.56	13.47	37.5	37.56	23.83	11.25
6	gi|55740398|gb|AAV63975.1|	2134	2148	2508	12.43	0.34	4.56	12.43	45.77	34.09	23.83	6.71
6	gi|55740398|gb|AAV63975.1|	2135	2149	2509	12.29	0.35	4.56	12.29	52.73	35.23	19.74	6.87
6	gi|55740398|gb|AAV63975.1|	2136	2150	2510	5.86	0.92	4.56	5.29	59.09	35.18	15.13	5.86
6	gi|55740398|gb|AAV63975.1|	2137	2151	2511	5.34	2.37	4.56	4.57	44.96	27.43	15.77	5.34
6	gi|55740398|gb|AAV63975.1|	2138	2152	2512	6.99	5.38	6.99	2.38	27.34	15.98	18.6	5.79
6	gi|55740398|gb|AAV63975.1|	2139	2153	2513	14.44	9.47	18.76	3.7	27.34	14.44	22.86	11.66
6	gi|55740398|gb|AAV63975.1|	2140	2154	2514	15.62	9.47	22.39	3.7	27.34	15.62	19.85	11.66
6	gi|55740398|gb|AAV63975.1|	2141	2155	2515	17.74	9.47	27.26	3.98	27.34	17.74	16.46	26.1
6	gi|55740398|gb|AAV63975.1|	2149	2163	2516	19.74	8.98	29.67	19.74	46.06	44.44	19.74	6.03
6	gi|55740398|gb|AAV63975.1|	2153	2167	2517	16.99	10.22	6.79	35.55	16.99	45.02	34.59	11.38
6	gi|55740398|gb|AAV63975.1|	2154	2168	2518	19.11	10.22	6.79	39.74	16.99	49.85	41.39	19.11
6	gi|55740398|gb|AAV63975.1|	2155	2169	2519	16.99	10.4	6.79	16.02	16.99	56.08	41.6	20.5
6	gi|55740398|gb|AAV63975.1|	2193	2207	2520	19.06	10.87	22.83	7.34	42.57	62.32	19.06	12.04
6	gi|55740398|gb|AAV63975.1|	2194	2208	2521	19.06	10.87	29.01	7.51	45.73	64.5	19.06	9.97
6	gi|55740398|gb|AAV63975.1|	2195	2209	2522	10.87	10.87	11.58	6.72	32.02	58.82	6.81	9.97
6	gi|55740398|gb|AAV63975.1|	2196	2210	2523	9.97	9.47	15.48	8.16	32.02	57.13	4.99	9.97
6	gi|55740398|gb|AAV63975.1|	2197	2211	2524	12.74	9.47	20.55	9.24	32.02	47.78	4.8	12.74
6	gi|55740398|gb|AAV63975.1|	2198	2212	2525	15.97	4.1	27.06	15.97	32.02	38.89	5.23	11.11
6	gi|55740398|gb|AAV63975.1|	2199	2213	2526	17.4	9.77	35.12	17.4	32.02	35.31	7.74	15.5
6	gi|55740398|gb|AAV63975.1|	2244	2258	2527	19.3	14.38	39.51	19.3	50.54	18.23	47.25	4.21
6	gi|55740398|gb|AAV63975.1|	2258	2272	2528	9.3	7.43	9.3	25.08	7.33	24.77	58.14	5.39
6	gi|55740398|gb|AAV63975.1|	2259	2273	2529	10.05	6.42	10.05	25.29	7.33	17.94	54.75	5.29
6	gi|55740398|gb|AAV63975.1|	2260	2274	2530	9.58	5.69	9.58	25.34	7.33	15.11	51.11	5.14
6	gi|55740398|gb|AAV63975.1|	2261	2275	2531	10.51	5.69	10.51	30.63	7.33	18.13	55.42	6.9
6	gi|55740398|gb|AAV63975.1|	2262	2276	2532	17.94	5.69	14.86	37.14	17.94	26.61	59.24	10
6	gi|55740398|gb|AAV63975.1|	2268	2282	2533	14.81	3.26	14.81	7.67	5.87	19.22	37.59	22.78
6	gi|55740398|gb|AAV63975.1|	2269	2283	2534	7.51	3.12	16.9	7.51	5.52	6.95	34.88	17.8
6	gi|55740398|gb|AAV63975.1|	2270	2284	2535	7.65	2.72	22.46	7.65	5.72	5.61	30.6	17.8
6	gi|55740398|gb|AAV63975.1|	2271	2285	2536	17.29	2.1	25.36	17.29	5.62	4.52	31.89	17.8
6	gi|55740398|gb|AAV63975.1|	2272	2286	2537	17.8	3.26	29.24	17.83	10.49	6.7	47.29	17.8
6	gi|55740398|gb|AAV63975.1|	2273	2287	2538	18.21	3.26	29.24	40.01	18.21	13.09	29.64	17.8

Table 2

6	gi|55740398|gb|AAV63975.1|	2274	2288	2539	9.44	3.26	19.82	9.08	25.17	24.63	6.39	9.44
6	gi|55740398|gb|AAV63975.1|	2275	2289	2540	12.91	12.91	22.55	8.93	27.8	23.16	6.38	9.44
6	gi|55740398|gb|AAV63975.1|	2276	2290	2541	3.7	4.01	1.38	5.91	27.8	2.42	3.7	3.19
6	gi|55740398|gb|AAV63975.1|	2277	2291	2542	3.46	4.01	0.76	3.63	27.8	0.37	3.46	3.19
6	gi|55740398|gb|AAV63975.1|	2278	2292	2543	3.4	4.01	0.81	3.68	27.8	0.21	3.4	3.19
6	gi|55740398|gb|AAV63975.1|	2279	2293	2544	3.61	4.54	0.56	4.93	27.8	0.21	3.61	3.01
6	gi|55740398|gb|AAV63975.1|	2280	2294	2545	4.56	4.56	0.81	7.38	55.91	0.54	11.42	3.19
6	gi|55740398|gb|AAV63975.1|	2281	2295	2546	13.95	16.28	1.54	21.29	55.91	2.43	13.95	3.19
6	gi|55740398|gb|AAV63975.1|	2282	2296	2547	14.66	16.62	2.6	6.08	74.11	21.33	14.66	3.19
6	gi|55740398|gb|AAV63975.1|	2284	2298	2548	18.92	14.35	38.44	4.41	66.01	25.38	18.92	17.17
6	gi|55740398|gb|AAV63975.1|	2285	2299	2549	17.77	15.11	44.15	4.57	66.01	22.11	16.91	17.77
6	gi|55740398|gb|AAV63975.1|	2286	2300	2550	18.65	12.26	24.88	4.94	66.01	16.83	19.27	18.65
6	gi|55740398|gb|AAV63975.1|	2287	2301	2551	16.72	10.1	16.72	7.71	50.01	14.21	23.2	25
6	gi|55740398|gb|AAV63975.1|	2289	2303	2552	18.01	11.61	18.01	8.76	41.9	15.22	30.6	33.03
6	gi|55740398|gb|AAV63975.1|	2318	2332	2553	10.51	27.22	1.1	6.79	10.51	41.51	31.81	9.44
6	gi|55740398|gb|AAV63975.1|	2319	2333	2554	11.33	27.22	1.54	5.39	11.33	32.67	30.72	9.44
6	gi|55740398|gb|AAV63975.1|	2320	2334	2555	5.11	4.67	2.32	5.11	2.22	20.2	30.72	6.18
6	gi|55740398|gb|AAV63975.1|	2321	2335	2556	6.18	3.39	2.72	6.43	1.86	10.36	8.88	6.18
6	gi|55740398|gb|AAV63975.1|	2322	2336	2557	6.18	2.62	2.57	6.88	1.58	7.44	8.43	6.18
6	gi|55740398|gb|AAV63975.1|	2323	2337	2558	6.18	2.74	4.54	21.82	1.53	8.85	7.92	6.18
6	gi|55740398|gb|AAV63975.1|	2324	2338	2559	6.18	4.67	6.61	25.57	2.68	12.83	4.86	6.18
6	gi|55740398|gb|AAV63975.1|	2325	2339	2560	7.59	4.67	25.57	25.42	4.74	19.32	3.47	7.59
6	gi|55740398|gb|AAV63975.1|	2326	2340	2561	6.18	4.67	27.85	18.97	6	30.09	1.77	6.18
6	gi|55740398|gb|AAV63975.1|	2327	2341	2562	17.55	15.89	33.56	17.55	58.9	33.97	1.48	8.92
6	gi|55740398|gb|AAV63975.1|	2328	2342	2563	17.68	15.89	39.86	17.68	66.43	32.41	4.5	8.92
6	gi|55740398|gb|AAV63975.1|	2329	2343	2564	15.89	15.89	0.34	19.6	74	22.13	8.3	8.92
6	gi|55740398|gb|AAV63975.1|	2330	2344	2565	13.62	15.89	0.29	16.61	37.47	13.62	8.8	8.92
6	gi|55740398|gb|AAV63975.1|	2331	2345	2566	14.3	14.3	0.4	21.08	35.57	11.65	8.51	16.57
6	gi|55740398|gb|AAV63975.1|	2332	2346	2567	10.38	9.75	0.56	23.91	32.16	10.38	8.4	16.57
6	gi|55740398|gb|AAV63975.1|	2333	2347	2568	17.12	10.08	1.02	26.62	31.89	13.67	21.2	17.12
6	gi|55740398|gb|AAV63975.1|	2337	2351	2569	19.25	41.19	19.25	14.58	7.65	55.73	35	17.18
6	gi|55740398|gb|AAV63975.1|	2338	2352	2570	17.18	36.08	14.92	14.6	6.96	44.57	23.9	17.18
6	gi|55740398|gb|AAV63975.1|	2339	2353	2571	17.18	38.24	16.26	13.64	7.73	42.43	23.9	17.18
6	gi|55740398|gb|AAV63975.1|	2340	2354	2572	17.18	37.57	7.39	11.81	6.24	35.93	24.41	17.18
6	gi|55740398|gb|AAV63975.1|	2341	2355	2573	17.18	38.85	3.33	14.08	3.4	28.99	23.9	17.18
6	gi|55740398|gb|AAV63975.1|	2342	2356	2574	18.59	21.22	4.48	15.19	0.53	27.04	23.9	18.59
6	gi|55740398|gb|AAV63975.1|	2351	2365	2575	7.38	0.07	7.38	9.82	0.31	23.12	15.33	5.79
6	gi|55740398|gb|AAV63975.1|	2352	2366	2576	9.48	0.07	9.7	9.48	0.35	13.28	14.38	5.79
6	gi|55740398|gb|AAV63975.1|	2353	2367	2577	9.43	0.07	13.54	9.43	0.44	10.43	15.28	5.79
6	gi|55740398|gb|AAV63975.1|	2354	2368	2578	9.96	0.07	18.67	9.96	0.57	10.19	16.86	5.79
6	gi|55740398|gb|AAV63975.1|	2355	2369	2579	10.5	0.07	24.94	10.5	1.12	13.09	30.77	5.79
6	gi|55740398|gb|AAV63975.1|	2356	2370	2580	13.2	0.1	40.06	13.2	2.08	20.32	28.53	9.31
6	gi|55740398|gb|AAV63975.1|	2357	2371	2581	16.73	0.1	46.12	16.73	3.64	39.26	24.18	8.91
6	gi|55740398|gb|AAV63975.1|	2358	2372	2582	18.16	10.1	18.16	13.85	24.68	26.53	19.81	9.97
6	gi|55740398|gb|AAV63975.1|	2359	2373	2583	12.87	9.44	14.78	12.87	20.68	8.63	15.57	9.97
6	gi|55740398|gb|AAV63975.1|	2360	2374	2584	12.95	9.07	18.01	12.87	20.29	6.3	12.95	15.9
6	gi|55740398|gb|AAV63975.1|	2361	2375	2585	12.87	8.71	14.13	12.87	18.97	3.82	10.05	15.9
6	gi|55740398|gb|AAV63975.1|	2362	2376	2586	12.87	9.38	17.49	12.87	26.46	4.12	9.46	15.9

Table 2

6	gi|55740398|gb|AAV63975.1|	2363	2377	2587	17.58	17.58	20.76	12.87	40.06	7	29.13	15.9
6	gi|55740398|gb|AAV63975.1|	2384	2398	2588	9.17	6.83	6.66	9.17	12.1	39.51	5.43	10.29
6	gi|55740398|gb|AAV63975.1|	2385	2399	2589	9.17	6.42	8.42	9.17	16.17	29.32	5.19	16.41
6	gi|55740398|gb|AAV63975.1|	2386	2400	2590	11.19	6.02	11.62	9.17	49.91	22.74	4.77	11.19
6	gi|55740398|gb|AAV63975.1|	2387	2401	2591	13.6	9.83	15.14	9.17	52.81	21.01	4.77	13.6
6	gi|55740398|gb|AAV63975.1|	2388	2402	2592	14.3	14.3	20.98	9.17	54.56	20.44	4.86	13
6	gi|55740398|gb|AAV63975.1|	2389	2403	2593	15.15	15.15	25.12	14.4	55.56	21.56	10.94	14.37
6	gi|55740398|gb|AAV63975.1|	2390	2404	2594	15.15	15.15	29.1	14.23	65.32	26.53	10.81	11.25
6	gi|55740398|gb|AAV63975.1|	2403	2417	2595	19.54	7.21	19.54	7.39	53.61	11.95	38.93	19.98
6	gi|55740398|gb|AAV63975.1|	2405	2419	2596	12.45	7.21	6.18	11.61	59.68	12.45	38.93	27.32
6	gi|55740398|gb|AAV63975.1|	2411	2425	2597	11.27	15.89	11.27	10.25	46.07	17.72	4.67	10.34
6	gi|55740398|gb|AAV63975.1|	2412	2426	2598	10.25	15.89	14.28	10.25	46.07	8.41	4.27	7.2
6	gi|55740398|gb|AAV63975.1|	2413	2427	2599	5.82	6.07	5.13	8.35	23.66	3.12	3.15	5.82
6	gi|55740398|gb|AAV63975.1|	2414	2428	2600	6.59	6.07	8.63	8.71	24.81	2.42	3.52	6.59
6	gi|55740398|gb|AAV63975.1|	2415	2429	2601	9.49	6.07	11.53	9.17	25.31	2.28	9.63	9.49
6	gi|55740398|gb|AAV63975.1|	2416	2430	2602	12.87	6.07	17.41	12.87	27.27	3.88	21.52	12.23
6	gi|55740398|gb|AAV63975.1|	2417	2431	2603	18.89	6.07	21.82	18.89	27.27	7.5	29.83	12.23
6	gi|55740398|gb|AAV63975.1|	2428	2442	2604	18.5	11.95	73.99	18.5	73.26	47.73	14.75	7.34
6	gi|55740398|gb|AAV63975.1|	2429	2443	2605	5.29	0.41	58.87	5.29	6.24	4.72	11.83	1.87
6	gi|55740398|gb|AAV63975.1|	2430	2444	2606	2.3	0.41	3.45	2.3	5.41	0.83	7.77	1.87
6	gi|55740398|gb|AAV63975.1|	2431	2445	2607	1.87	0.07	1.78	2.11	4.79	0.27	4.74	1.87
6	gi|55740398|gb|AAV63975.1|	2432	2446	2608	2.03	0.03	2.03	2.05	5.06	0.12	3.14	1.87
6	gi|55740398|gb|AAV63975.1|	2433	2447	2609	2.03	0.03	2.03	2.19	8.58	0.14	11.41	1.87
6	gi|55740398|gb|AAV63975.1|	2434	2448	2610	2.03	0.04	2.03	3.51	13.14	0.37	20.66	1.87
6	gi|55740398|gb|AAV63975.1|	2435	2449	2611	6.18	0.11	2.03	7.55	19.83	1.96	16.99	6.18
6	gi|55740398|gb|AAV63975.1|	2436	2450	2612	9.98	2.12	2.21	9.98	33.65	11.18	7	16.42
6	gi|55740398|gb|AAV63975.1|	2437	2451	2613	10.62	5.29	2.82	16.16	10.62	27.91	7	21.37
6	gi|55740398|gb|AAV63975.1|	2438	2452	2614	17.72	18.05	23.56	11.19	10.62	35.41	9.68	17.72
6	gi|55740398|gb|AAV63975.1|	2439	2453	2615	10.62	20.69	20.48	1.75	10.62	21.86	5.98	3.25
6	gi|55740398|gb|AAV63975.1|	2440	2454	2616	10.62	41.47	20.48	1.79	10.62	17.18	8.7	3.23
6	gi|55740398|gb|AAV63975.1|	2441	2455	2617	7.74	4.37	22.11	1.52	10.62	9.27	7.74	3
6	gi|55740398|gb|AAV63975.1|	2442	2456	2618	4.69	4.37	22.11	1.05	10.62	4.69	7.84	2.35
6	gi|55740398|gb|AAV63975.1|	2443	2457	2619	2.2	4.37	0.98	0.94	10.62	2.2	11.91	1.4
6	gi|55740398|gb|AAV63975.1|	2444	2458	2620	1.88	4.37	0.93	1	12.51	1.08	12.93	1.88
6	gi|55740398|gb|AAV63975.1|	2445	2459	2621	1.79	4.37	0.79	1.04	13.96	0.81	15.11	1.79
6	gi|55740398|gb|AAV63975.1|	2446	2460	2622	4.37	4.37	0.8	1.68	16	0.91	19.83	8.92
6	gi|55740398|gb|AAV63975.1|	2447	2461	2623	4.37	4.37	0.99	2.79	21.98	1.75	17.46	8.92
6	gi|55740398|gb|AAV63975.1|	2448	2462	2624	8.92	4.37	1.75	12.3	30.13	3.6	19.29	8.92
6	gi|55740398|gb|AAV63975.1|	2449	2463	2625	3.93	1.75	2.81	6.61	19.36	8.68	2.43	3.93
6	gi|55740398|gb|AAV63975.1|	2450	2464	2626	12.5	1.75	13.7	12.5	19.36	14.96	0.98	7.17
6	gi|55740398|gb|AAV63975.1|	2451	2465	2627	13.01	1.75	15.68	13.01	19.36	23.67	0.99	7.12
6	gi|55740398|gb|AAV63975.1|	2452	2466	2628	11.44	4.61	15.35	11.44	19.36	24.6	0.91	6.61
6	gi|55740398|gb|AAV63975.1|	2453	2467	2629	10.79	4.51	26.24	10.79	19.36	14.91	0.91	1.99
6	gi|55740398|gb|AAV63975.1|	2454	2468	2630	11.68	5.42	28.71	14.68	19.36	11.68	1.43	2.09
6	gi|55740398|gb|AAV63975.1|	2455	2469	2631	10	5.42	32.16	16.43	19.36	10	2.4	1.99
6	gi|55740398|gb|AAV63975.1|	2456	2470	2632	10.03	5.82	39.51	19.73	73.79	10.03	5.88	5.05
6	gi|55740398|gb|AAV63975.1|	2457	2471	2633	5.79	5.79	3.06	3.43	75.22	10.51	9.35	5.05
6	gi|55740398|gb|AAV63975.1|	2458	2472	2634	8.83	10.81	3.93	4.75	62.74	8.83	20.86	7.95

Table 2

6	gi|55740398|gb|AAV63975.1|	2459	2473	2635	10.53	18.67	4.85	4.75	53.09	9.37	18.75	10.53
6	gi|55740398|gb|AAV63975.1|	2460	2474	2636	10.07	5.51	10.07	4.75	52.34	12.58	16.75	8.92
6	gi|55740398|gb|AAV63975.1|	2461	2475	2637	15.51	8.19	15.51	4.75	49.09	15.88	15.71	8.92
6	gi|55740398|gb|AAV63975.1|	2462	2476	2638	15.89	10.99	20.99	7.76	52.89	25.91	15.89	11.24
6	gi|55740398|gb|AAV63975.1|	2463	2477	2639	19.44	6.93	26.22	4.75	58.07	41.35	19.44	0.74
6	gi|55740398|gb|AAV63975.1|	2466	2480	2640	17.49	7.15	55.8	1.06	70.09	17.49	31.59	0.57
6	gi|55740398|gb|AAV63975.1|	2467	2481	2641	17.83	4.75	57.85	1	70.09	17.83	31.59	0.6
6	gi|55740398|gb|AAV63975.1|	2509	2523	2642	19.13	6.18	70.07	42.7	21.96	19.13	19.09	7.77
7	gi|2160381|dbj|BAA06836.1|	1	15	2643	10.24	7.76	10.24	10.91	36.47	2.05	33.81	0.3
7	gi|2160381|dbj|BAA06836.1|	2	16	2644	13.78	7.76	13.78	14.33	38.49	3.51	21.9	0.3
7	gi|2160381|dbj|BAA06836.1|	3	17	2645	14.66	14.99	14.66	14.33	53.55	7.39	24.84	1.14
7	gi|2160381|dbj|BAA06836.1|	7	21	2646	18.54	49.24	39.83	18.54	61.74	16.68	12.95	7.29
7	gi|2160381|dbj|BAA06836.1|	8	22	2647	11.89	6.58	16.65	16.46	61.2	10.89	11.89	6.98
7	gi|2160381|dbj|BAA06836.1|	9	23	2648	13.67	6.58	13.67	16.55	60.17	6.33	16.74	7.16
7	gi|2160381|dbj|BAA06836.1|	10	24	2649	14.28	6.58	13.91	30.06	63.06	6.68	19.03	14.28
7	gi|2160381|dbj|BAA06836.1|	11	25	2650	14.5	6.58	14.33	30.3	64.91	9.81	22.72	14.5
7	gi|2160381|dbj|BAA06836.1|	31	45	2651	18.37	28.38	37.73	0.97	40.29	18.37	10.28	6.68
7	gi|2160381|dbj|BAA06836.1|	32	46	2652	18.26	23.08	26.01	0.61	42.63	16.24	18.26	6.77
7	gi|2160381|dbj|BAA06836.1|	44	58	2653	13.57	13.57	0.79	12.27	34.66	17.08	82.99	12.84
7	gi|2160381|dbj|BAA06836.1|	45	59	2654	13.57	13.57	1.12	12.27	32.65	13.9	80.54	12.84
7	gi|2160381|dbj|BAA06836.1|	46	60	2655	13.57	13.57	1.78	12.27	31.48	14.29	76.6	12.84
7	gi|2160381|dbj|BAA06836.1|	47	61	2656	13.57	13.57	2.05	11.51	40.75	15.61	72.76	12.84
7	gi|2160381|dbj|BAA06836.1|	48	62	2657	17.11	17.11	2.75	12.27	52.19	20.81	77.53	12.84
7	gi|2160381|dbj|BAA06836.1|	66	80	2658	17.32	17.32	5.09	17.15	30.5	71.91	58.35	13.46
7	gi|2160381|dbj|BAA06836.1|	67	81	2659	18.69	17.32	5.3	17.79	18.69	52.1	41.13	32.95
7	gi|2160381|dbj|BAA06836.1|	68	82	2660	17.9	17.32	5.34	17.9	11.24	45.29	43.33	33.33
7	gi|2160381|dbj|BAA06836.1|	74	88	2661	13.43	19.57	14.83	13.43	11.24	3.66	64.52	5.12
7	gi|2160381|dbj|BAA06836.1|	75	89	2662	15.28	21.16	15.28	16.88	12.63	3.59	64.52	5.39
7	gi|2160381|dbj|BAA06836.1|	76	90	2663	15.94	22.34	15.94	28.1	12.63	3.87	64.52	5.56
7	gi|2160381|dbj|BAA06836.1|	77	91	2664	15.68	22.11	15.68	33.31	12.63	5.4	65.56	5.5
7	gi|2160381|dbj|BAA06836.1|	78	92	2665	17.94	31.63	17.94	58.97	12.63	7.38	74.81	5.74
7	gi|2160381|dbj|BAA06836.1|	91	105	2666	19.29	16.43	19.29	31	73.44	14.06	24.99	1.4
7	gi|2160381|dbj|BAA06836.1|	92	106	2667	19.29	16.43	19.29	32.87	72.94	17.2	29.91	1.4
7	gi|2160381|dbj|BAA06836.1|	100	114	2668	18.39	18.39	7.78	29.96	59.32	37.68	17.83	15.91
7	gi|2160381|dbj|BAA06836.1|	101	115	2669	16.94	13.04	8.04	29.87	59.32	33.59	16.94	15.91
7	gi|2160381|dbj|BAA06836.1|	102	116	2670	15.91	13.04	8.04	30.06	59.32	33.05	15.59	15.91
7	gi|2160381|dbj|BAA06836.1|	103	117	2671	15.91	13.04	8.04	37.33	61.35	34.68	12.9	15.91
7	gi|2160381|dbj|BAA06836.1|	104	118	2672	15.91	13.04	8.6	37.67	45.89	44.26	11.94	15.91
7	gi|2160381|dbj|BAA06836.1|	122	136	2673	16.55	5.7	21.69	13.37	16.55	19.92	3.63	20.38
7	gi|2160381|dbj|BAA06836.1|	123	137	2674	15.5	3.3	20.91	13.12	31.47	19.8	3.46	15.5
7	gi|2160381|dbj|BAA06836.1|	124	138	2675	12.18	6.07	26.1	12.18	35.72	18.09	2.24	11.65
7	gi|2160381|dbj|BAA06836.1|	125	139	2676	10.98	6.07	16.28	10.98	6.61	14.1	0.93	11.65
7	gi|2160381|dbj|BAA06836.1|	126	140	2677	10.98	6.07	17.78	10.98	6.71	11.16	0.96	11.65
7	gi|2160381|dbj|BAA06836.1|	127	141	2678	6.97	5.24	17.78	6.58	6.97	11.62	1.74	7.95
7	gi|2160381|dbj|BAA06836.1|	128	142	2679	5.79	5.24	17.78	3.13	6.66	11.54	1.48	5.79
7	gi|2160381|dbj|BAA06836.1|	129	143	2680	5.79	5.24	17.78	3.13	6.88	11.17	2.14	5.79
7	gi|2160381|dbj|BAA06836.1|	130	144	2681	5.24	5.24	3.35	3.13	10.08	9.52	1.95	5.79
7	gi|2160381|dbj|BAA06836.1|	131	145	2682	5.24	5.24	3.68	3.13	6.04	8.87	2.61	5.79

Table 2

7	gi|2160381|dbj|BAA06836.1|	132	146	2683	9.81	16.25	5.34	3.13	43.03	10.16	5.87	9.81
7	gi|2160381|dbj|BAA06836.1|	133	147	2684	7.22	7.22	3.6	2.43	43.03	7.41	5.52	8.32
7	gi|2160381|dbj|BAA06836.1|	134	148	2685	8.99	8.85	3.85	12.21	42.42	8.99	6.72	15.69
7	gi|2160381|dbj|BAA06836.1|	135	149	2686	13.25	9.33	7.64	24.5	43.03	13.25	8.08	20.15
7	gi|2160381|dbj|BAA06836.1|	136	150	2687	15.65	8.78	8.5	28.09	43.03	15.65	5.59	21.53
7	gi|2160381|dbj|BAA06836.1|	138	152	2688	19.12	19.12	6.4	31.72	60.39	26.72	5.59	7.28
7	gi|2160381|dbj|BAA06836.1|	139	153	2689	6.76	3.11	5.89	29.5	14.38	25.39	5.59	6.76
7	gi|2160381|dbj|BAA06836.1|	140	154	2690	12.73	11.41	30.34	32.75	12.73	31.82	5.59	7.2
7	gi|2160381|dbj|BAA06836.1|	141	155	2691	12.25	11.41	36.26	32.03	12.25	30.63	5.59	7.12
7	gi|2160381|dbj|BAA06836.1|	142	156	2692	11.41	11.41	40.67	34.52	11	34.85	5.59	7.46
7	gi|2160381|dbj|BAA06836.1|	143	157	2693	19.26	11.41	48.74	40.65	16.18	44.33	6.81	19.26
7	gi|2160381|dbj|BAA06836.1|	179	193	2694	18.77	23.05	11.75	15.35	18.77	36.58	34.67	18.74
7	gi|2160381|dbj|BAA06836.1|	180	194	2695	11.57	18.82	0.79	11.57	10.53	18.27	29.89	6.6
7	gi|2160381|dbj|BAA06836.1|	181	195	2696	12.88	27.45	1.22	12.88	12.05	14.53	30.31	6.6
7	gi|2160381|dbj|BAA06836.1|	182	196	2697	14	28.72	2.07	15.17	13.08	14	27.19	6.6
7	gi|2160381|dbj|BAA06836.1|	183	197	2698	16.56	30.76	2.99	22.75	13.08	16.56	47.86	6.6
7	gi|2160381|dbj|BAA06836.1|	184	198	2699	18.52	35.73	3.66	26.74	13.08	18.52	47.86	6.6
7	gi|2160381|dbj|BAA06836.1|	200	214	2700	11.02	9.52	42.98	8.57	29.58	20.66	2.6	11.02
7	gi|2160381|dbj|BAA06836.1|	201	215	2701	9.12	6.71	27.56	2.16	26.42	16.58	2.04	9.12
7	gi|2160381|dbj|BAA06836.1|	202	216	2702	10.39	6.71	37.81	2.16	26.42	15.86	1.34	10.39
7	gi|2160381|dbj|BAA06836.1|	203	217	2703	10.32	6.71	45.86	2.16	26.42	15.22	1.01	10.32
7	gi|2160381|dbj|BAA06836.1|	204	218	2704	8.68	6.71	9.71	2.16	26.42	8.68	0.75	10.45
7	gi|2160381|dbj|BAA06836.1|	205	219	2705	9.62	9.45	9.71	2.16	26.42	9.62	2.76	12.47
7	gi|2160381|dbj|BAA06836.1|	206	220	2706	9.71	9.42	9.71	2.92	26.42	9.99	3.9	16.6
7	gi|2160381|dbj|BAA06836.1|	207	221	2707	17.83	13.02	9.71	17.83	26.42	18.56	3.89	21.54
7	gi|2160381|dbj|BAA06836.1|	208	222	2708	19.15	16.17	18.16	22.05	33.78	25.93	9.79	19.15
7	gi|2160381|dbj|BAA06836.1|	218	232	2709	9.06	4.37	41.07	32.91	4.74	31.48	9.06	3.9
7	gi|2160381|dbj|BAA06836.1|	219	233	2710	9.06	4.37	40.64	43.53	4.24	25.04	9.06	4.08
7	gi|2160381|dbj|BAA06836.1|	220	234	2711	5.79	4.37	41.39	46.04	3.59	21.26	5.79	4.25
7	gi|2160381|dbj|BAA06836.1|	221	235	2712	17.7	4.37	46.25	60.02	3.78	21.81	17.7	10.61
7	gi|2160381|dbj|BAA06836.1|	222	236	2713	12.21	4.37	48.48	56.53	6.09	23.81	12.21	10.11
7	gi|2160381|dbj|BAA06836.1|	249	263	2714	14.66	5.59	14.66	10.34	51.11	16.95	19.94	6.6
7	gi|2160381|dbj|BAA06836.1|	250	264	2715	7.57	5.59	3.39	10.34	44.95	7.57	15.17	6.6
7	gi|2160381|dbj|BAA06836.1|	251	265	2716	6.6	5.59	3.39	10.34	41.65	6.09	13.85	6.6
7	gi|2160381|dbj|BAA06836.1|	252	266	2717	7.36	1.4	3.39	9.32	39.02	7.36	27.57	6.6
7	gi|2160381|dbj|BAA06836.1|	253	267	2718	7.73	1.15	3.39	9.74	34.52	7.73	29	6.6
7	gi|2160381|dbj|BAA06836.1|	254	268	2719	8.21	1.07	3.39	10.83	39.77	8.21	24.14	6.6
7	gi|2160381|dbj|BAA06836.1|	255	269	2720	14.57	1.08	3.39	25.17	44.41	14.57	23.2	6.6
7	gi|2160381|dbj|BAA06836.1|	280	294	2721	16.15	2.22	16.15	7.86	61.32	41.11	31.59	7.46
7	gi|2160381|dbj|BAA06836.1|	281	295	2722	7.8	2.22	20.52	7.8	52.9	41.44	6.94	7.46
7	gi|2160381|dbj|BAA06836.1|	282	296	2723	7.86	2.22	24.24	7.86	52.9	39.76	7.13	7.46
7	gi|2160381|dbj|BAA06836.1|	283	297	2724	14.14	2.22	24.24	14.14	52.9	42.12	6.87	7.46
7	gi|2160381|dbj|BAA06836.1|	284	298	2725	14.26	2.22	24.24	14.26	52.9	45.29	3.85	7.46
7	gi|2160381|dbj|BAA06836.1|	298	312	2726	13.9	18.79	44.7	4.04	5.1	43.26	13.9	0.98
7	gi|2160381|dbj|BAA06836.1|	299	313	2727	7.37	7.37	44.76	4.12	5.1	28.98	12.8	1.01
7	gi|2160381|dbj|BAA06836.1|	300	314	2728	6.88	6.88	48.4	3.43	5.1	17.08	11.61	0.33
7	gi|2160381|dbj|BAA06836.1|	301	315	2729	5.37	5.01	44.95	2.9	5.37	9.08	13.04	0.29
7	gi|2160381|dbj|BAA06836.1|	302	316	2730	5.59	4.97	41.78	3.36	5.59	8.88	14.23	0.3

Table 2

7	gi|2160381|dbj|BAA06836.1|	303	317	2731	10.42	5.2	44.24	4.19	14.36	10.42	21.27	0.47
7	gi|2160381|dbj|BAA06836.1|	304	318	2732	14.53	7.5	48.5	7.3	15.55	14.53	16.68	0.46
7	gi|2160381|dbj|BAA06836.1|	309	323	2733	18.91	23.94	18.91	4.57	44.01	17.31	21.26	4.69
7	gi|2160381|dbj|BAA06836.1|	310	324	2734	10.25	10.25	18.91	9.1	43.16	9.6	19.08	4.69
7	gi|2160381|dbj|BAA06836.1|	311	325	2735	9.1	8.57	18.91	9.1	40.67	7.57	16.63	4.21
7	gi|2160381|dbj|BAA06836.1|	312	326	2736	8.01	4.9	18.91	8.01	41.78	5.25	10.65	2.77
7	gi|2160381|dbj|BAA06836.1|	313	327	2737	7.39	3.87	18.91	8.01	43.44	7.39	6.93	3.84
7	gi|2160381|dbj|BAA06836.1|	314	328	2738	9.59	3.11	18.91	13.79	45.79	9.59	7.29	4.69
7	gi|2160381|dbj|BAA06836.1|	315	329	2739	18.48	5.21	44.56	18.48	54.83	21.13	6.97	4.69
7	gi|2160381|dbj|BAA06836.1|	316	330	2740	11.84	2.31	44.56	35.07	9.68	35.12	4.4	11.84
7	gi|2160381|dbj|BAA06836.1|	325	339	2741	18.55	10.57	41.1	18.55	31.86	32.58	11.88	13.41
7	gi|2160381|dbj|BAA06836.1|	326	340	2742	18.55	7.43	44.44	18.55	33.69	24.16	12.12	10.49
7	gi|2160381|dbj|BAA06836.1|	343	357	2743	15.83	15.83	21.69	1.13	39.87	13.41	49.2	2.54
7	gi|2160381|dbj|BAA06836.1|	344	358	2744	6.45	17.32	19.68	1.13	6.45	6.37	20.47	1.96
7	gi|2160381|dbj|BAA06836.1|	345	359	2745	7.81	12.92	19.68	1.13	7.81	6.25	19	2.4
7	gi|2160381|dbj|BAA06836.1|	346	360	2746	7.76	7.76	19.68	1.13	11.59	6.11	26.48	3.32
7	gi|2160381|dbj|BAA06836.1|	347	361	2747	5.36	7.76	16.72	1.13	7.94	5.19	5.36	3.62
7	gi|2160381|dbj|BAA06836.1|	348	362	2748	7.61	13	19.68	7.61	8.43	6.3	5.34	3.31
7	gi|2160381|dbj|BAA06836.1|	349	363	2749	9.65	13	19.68	9.65	8.9	11.41	5.56	3.51
7	gi|2160381|dbj|BAA06836.1|	350	364	2750	11.66	13	19.68	9.79	6.65	14.22	5.75	11.66
7	gi|2160381|dbj|BAA06836.1|	351	365	2751	17.31	13	31.67	13.67	41.76	17.31	39.74	11.66
7	gi|2160381|dbj|BAA06836.1|	352	366	2752	13	13	2.63	12.51	41.76	21.26	46.17	4.15
7	gi|2160381|dbj|BAA06836.1|	353	367	2753	19.23	13	2.75	19.23	41.76	25.84	44.07	10.99
7	gi|2160381|dbj|BAA06836.1|	354	368	2754	18.51	18.36	2.46	18.51	28.81	29.72	43.92	11
7	gi|2160381|dbj|BAA06836.1|	362	376	2755	15.64	4.01	30.69	15.64	20.15	28.02	8.68	14.67
7	gi|2160381|dbj|BAA06836.1|	363	377	2756	15.64	4.01	16.95	15.64	20.15	17.51	8.68	14.67
7	gi|2160381|dbj|BAA06836.1|	364	378	2757	12.27	4.01	19.8	12.27	20.15	10.89	8.68	14.67
7	gi|2160381|dbj|BAA06836.1|	365	379	2758	10.52	4.01	22.09	10.52	20.15	7.81	8.68	14.67
7	gi|2160381|dbj|BAA06836.1|	366	380	2759	13.4	4.01	25.58	13.4	19.89	6.79	8.68	14.67
7	gi|2160381|dbj|BAA06836.1|	367	381	2760	15.81	9.46	30.69	22.04	16.6	9.89	15.81	14.67
7	gi|2160381|dbj|BAA06836.1|	381	395	2761	19.52	6.32	17.36	58.62	25.3	55.7	14.89	19.52
7	gi|2160381|dbj|BAA06836.1|	400	414	2762	11.59	11.59	27.07	8.94	5.2	39.21	10.08	23.71
7	gi|2160381|dbj|BAA06836.1|	401	415	2763	13.55	8.34	33.65	7.88	5.2	21.81	13.55	17.89
7	gi|2160381|dbj|BAA06836.1|	402	416	2764	14.39	1	33.65	7.58	3.95	14.63	25.38	14.39
7	gi|2160381|dbj|BAA06836.1|	403	417	2765	11.15	1	33.65	7.14	3.95	11.15	31.77	14.25
7	gi|2160381|dbj|BAA06836.1|	404	418	2766	11.7	1.03	33.65	8.4	3.95	11.7	36.63	14.58
7	gi|2160381|dbj|BAA06836.1|	405	419	2767	13.99	4.04	33.65	9.69	3.95	13.99	36.63	14.93
7	gi|2160381|dbj|BAA06836.1|	406	420	2768	17.94	4.19	27.14	12.36	3.95	22.16	43.84	17.94
7	gi|2160381|dbj|BAA06836.1|	415	429	2769	17.62	14.41	17.62	7.92	22.05	31.81	9.65	25.15
7	gi|2160381|dbj|BAA06836.1|	418	432	2770	18.78	4.45	26.96	18.78	4.15	26.38	10.68	24.45
7	gi|2160381|dbj|BAA06836.1|	420	434	2771	15.33	3.93	33.89	6	2.2	17.51	44.16	15.33
7	gi|2160381|dbj|BAA06836.1|	421	435	2772	15.3	3.93	50.16	6.06	2.13	15.58	46.95	15.3
7	gi|2160381|dbj|BAA06836.1|	422	436	2773	19.52	3.93	63.5	20.52	2.88	19.52	68.86	15.68
7	gi|2160381|dbj|BAA06836.1|	423	437	2774	19.87	3.93	67.4	6.27	4.72	23.37	68.86	19.87
7	gi|2160381|dbj|BAA06836.1|	432	446	2775	11.35	49.27	3.03	13.33	11.35	49.23	8.5	8.94
7	gi|2160381|dbj|BAA06836.1|	433	447	2776	11.35	60.23	4.55	13.87	11.35	45.1	8.5	9.35
7	gi|2160381|dbj|BAA06836.1|	434	448	2777	8.96	1.45	3.68	12.29	9.63	26.61	8.5	8.96
7	gi|2160381|dbj|BAA06836.1|	435	449	2778	8.88	1.32	4.14	12.02	9.04	19.58	8.5	8.88

Table 2

7	gi|2160381|dbj|BAA06836.1|	436	450	2779	8.67	1.3	5.99	9.64	8.73	17.88	8.5	8.67
7	gi|2160381|dbj|BAA06836.1|	437	451	2780	7.74	1.3	6.93	16.57	7.74	21.46	6.57	17.48
7	gi|2160381|dbj|BAA06836.1|	438	452	2781	11.35	1.31	10.05	17.62	11.35	29.21	6.01	18.19
7	gi|2160381|dbj|BAA06836.1|	442	456	2782	18.62	0.05	18.62	33.02	1.56	19.8	58.52	9.97
7	gi|2160381|dbj|BAA06836.1|	443	457	2783	15.9	0.03	18.71	34.51	1.32	10.84	63.59	15.9
7	gi|2160381|dbj|BAA06836.1|	444	458	2784	15.9	0.02	19.3	39.32	1.16	8.88	68.6	15.9
7	gi|2160381|dbj|BAA06836.1|	445	459	2785	15.9	0.02	34.31	45.35	1.1	10.77	68.6	15.9
7	gi|2160381|dbj|BAA06836.1|	446	460	2786	15.9	0.05	28.32	42.4	2.08	14.53	77.65	15.9
7	gi|2160381|dbj|BAA06836.1|	448	462	2787	17.86	0.66	28.68	17.86	6.64	42.11	77.65	11.65
7	gi|2160381|dbj|BAA06836.1|	458	472	2788	9.44	15.15	3.61	6.07	4.41	43.96	19.97	9.44
7	gi|2160381|dbj|BAA06836.1|	459	473	2789	9.44	16.37	2.78	5.2	4.6	30.73	16.7	9.44
7	gi|2160381|dbj|BAA06836.1|	460	474	2790	9.44	15.15	4.43	4.75	4.6	24.69	16.34	9.44
7	gi|2160381|dbj|BAA06836.1|	461	475	2791	7.48	10.15	4.96	1.82	7.48	15.69	12.54	5.79
7	gi|2160381|dbj|BAA06836.1|	462	476	2792	7.48	10.1	6.97	1.96	7.48	13.31	12.54	5.79
7	gi|2160381|dbj|BAA06836.1|	463	477	2793	9.72	10.35	9.71	2.58	7.48	13.65	16.6	9.72
7	gi|2160381|dbj|BAA06836.1|	464	478	2794	10.42	10.42	9.71	3.62	7.48	17.16	17.31	10.88
7	gi|2160381|dbj|BAA06836.1|	483	497	2795	16.41	2.53	47.56	14.45	16.41	25.86	33.19	5.05
7	gi|2160381|dbj|BAA06836.1|	484	498	2796	19.25	5.24	45.79	19.25	18.21	28.43	33.19	5.05
7	gi|2160381|dbj|BAA06836.1|	487	501	2797	17.72	13.57	12.17	39.93	11.38	57.34	50.64	17.72
7	gi|2160381|dbj|BAA06836.1|	488	502	2798	17.79	13.57	9.95	44.51	10.43	55.92	44.05	17.79
7	gi|2160381|dbj|BAA06836.1|	489	503	2799	17.59	13.57	6.87	43.18	9.03	57.93	43.06	17.59
7	gi|2160381|dbj|BAA06836.1|	491	505	2800	12.67	1.75	6.46	45.7	3.8	20.92	40.87	12.67
7	gi|2160381|dbj|BAA06836.1|	492	506	2801	7.7	1.75	6.49	50.31	4.3	7.7	40.87	18.42
7	gi|2160381|dbj|BAA06836.1|	493	507	2802	7.72	1.75	7.72	52.85	4.79	6.97	39.19	18.69
7	gi|2160381|dbj|BAA06836.1|	494	508	2803	17.41	1.46	17.41	56.36	5.27	6.34	34.79	24.17
7	gi|2160381|dbj|BAA06836.1|	495	509	2804	15.18	0.01	23.97	38.94	2.19	8.25	41.87	15.18
7	gi|2160381|dbj|BAA06836.1|	496	510	2805	10.23	0.01	31.78	27.63	2.25	10.23	43.23	8.56
7	gi|2160381|dbj|BAA06836.1|	499	513	2806	8.6	0.01	70.88	6.82	3.93	27.98	60.1	8.6
7	gi|2160381|dbj|BAA06836.1|	500	514	2807	9.07	0.11	58.19	4.98	6.07	32.47	62.14	9.07
7	gi|2160381|dbj|BAA06836.1|	501	515	2808	13.45	0.11	60.93	4.42	8.58	40.2	60.23	13.45
7	gi|2160381|dbj|BAA06836.1|	502	516	2809	13.94	8.65	53.78	3.25	8.76	38.43	56.67	13.94
7	gi|2160381|dbj|BAA06836.1|	503	517	2810	17.38	9.19	59.01	4	7.1	34.78	60.72	17.38
7	gi|2160381|dbj|BAA06836.1|	516	530	2811	19.75	8.85	45.24	35.33	38.97	19.75	8.09	7.03
7	gi|2160381|dbj|BAA06836.1|	517	531	2812	18.03	8.99	48.34	27.26	40.1	18.03	7.06	7.03
7	gi|2160381|dbj|BAA06836.1|	518	532	2813	18.4	18.4	51.82	19.99	47.84	16.06	10.71	6.06
7	gi|2160381|dbj|BAA06836.1|	519	533	2814	16.24	14.08	53.07	19.99	56.84	16.24	4.16	7.03
7	gi|2160381|dbj|BAA06836.1|	520	534	2815	19.99	17.13	68.02	19.99	64.73	21.01	3.77	5.79
7	gi|2160381|dbj|BAA06836.1|	521	535	2816	18.91	16.13	52.06	18.91	64.73	26.99	1.64	5.79
7	gi|2160381|dbj|BAA06836.1|	522	536	2817	19.12	15.86	33.5	19.12	64.73	22.64	1.05	5.79
7	gi|2160381|dbj|BAA06836.1|	523	537	2818	14.78	12.66	28.88	19.1	64.73	14.78	1.3	5.79
7	gi|2160381|dbj|BAA06836.1|	524	538	2819	5.79	3.67	24.68	12.48	75.22	2.67	0.42	5.79
7	gi|2160381|dbj|BAA06836.1|	525	539	2820	5.79	3.67	27.51	12.87	75.22	0.81	0.42	5.79
7	gi|2160381|dbj|BAA06836.1|	526	540	2821	5.79	3.67	29.88	13.82	75.22	0.5	1.01	5.79
7	gi|2160381|dbj|BAA06836.1|	527	541	2822	5.04	3.67	32.6	12.74	75.22	0.5	1.02	5.04
7	gi|2160381|dbj|BAA06836.1|	528	542	2823	7.04	3.67	40.02	14.45	75.22	0.93	3.58	7.04
7	gi|2160381|dbj|BAA06836.1|	529	543	2824	12.46	12.46	51.53	21.5	75.22	3.21	6.45	7.46
7	gi|2160381|dbj|BAA06836.1|	530	544	2825	18.31	3.67	27.3	20.1	64.31	18.31	3.9	7.46
7	gi|2160381|dbj|BAA06836.1|	531	545	2826	16.82	16.82	8.27	4.46	61.78	32.16	11.18	21.62

Table 2

7	gi|2160381|dbj|BAA06836.1|	532	546	2827	12.35	12.35	11.29	4.69	62.67	26.85	8.99	21.62
7	gi|2160381|dbj|BAA06836.1|	533	547	2828	15.95	9.61	15.95	4.69	63.44	22.92	8.55	21.62
7	gi|2160381|dbj|BAA06836.1|	537	551	2829	17.18	12.33	18.33	9.65	63.44	31.72	3.91	17.18
7	gi|2160381|dbj|BAA06836.1|	538	552	2830	15.9	6.67	26.66	15.04	75.22	31.87	3.53	15.9
7	gi|2160381|dbj|BAA06836.1|	539	553	2831	19.25	6.98	30.47	15.04	75.22	33.32	3.04	19.25
7	gi|2160381|dbj|BAA06836.1|	567	581	2832	19.3	7.15	1.95	46.07	42.45	19.3	72.1	9.87
7	gi|2160381|dbj|BAA06836.1|	568	582	2833	19.44	6.43	2.44	46.04	49.02	19.44	70.42	11.85
7	gi|2160381|dbj|BAA06836.1|	572	586	2834	17.9	17.9	14.11	9.24	17.98	55.66	9.61	18.44
7	gi|2160381|dbj|BAA06836.1|	573	587	2835	14.62	14.62	13.79	7.58	17.98	52.35	6.93	18.44
7	gi|2160381|dbj|BAA06836.1|	574	588	2836	15.38	15.38	14.33	7.17	17.98	55.08	6.82	18.44
7	gi|2160381|dbj|BAA06836.1|	575	589	2837	15.69	15.69	14.33	4.84	17.98	52.98	6.52	18.44
7	gi|2160381|dbj|BAA06836.1|	576	590	2838	17.98	24.22	14.59	5.62	17.98	52.3	6.73	18.44
7	gi|2160381|dbj|BAA06836.1|	577	591	2839	15.55	14.66	22.4	6.89	15.55	56.81	8.94	19.07
7	gi|2160381|dbj|BAA06836.1|	578	592	2840	17.21	13.66	22.86	17.21	11.88	59.47	11.64	28.23
7	gi|2160381|dbj|BAA06836.1|	587	601	2841	9.39	1.14	66.03	38.28	0.85	9.39	53.4	1.85
7	gi|2160381|dbj|BAA06836.1|	588	602	2842	3.66	1.14	61.37	40.1	0.62	3.66	47.45	1.78
7	gi|2160381|dbj|BAA06836.1|	589	603	2843	2.58	1.14	63.9	35.8	0.51	2.58	42.38	1.77
7	gi|2160381|dbj|BAA06836.1|	590	604	2844	3	1.14	65.93	36.16	0.42	3	45	1.69
7	gi|2160381|dbj|BAA06836.1|	591	605	2845	4.83	1.14	68.94	44.96	0.7	3.83	52.27	4.83
7	gi|2160381|dbj|BAA06836.1|	592	606	2846	8.66	1.14	57.34	51.04	1.19	8.66	53.4	5.27
7	gi|2160381|dbj|BAA06836.1|	608	622	2847	17.25	8.21	35.16	9.01	9.78	40.26	51.36	17.25
7	gi|2160381|dbj|BAA06836.1|	609	623	2848	17.19	8.21	35.16	8.99	16.16	36.41	48.26	17.19
7	gi|2160381|dbj|BAA06836.1|	612	626	2849	17.67	17.67	4.83	13.06	33.7	29.81	49.73	15.91
7	gi|2160381|dbj|BAA06836.1|	624	638	2850	19.19	16.6	17.25	28.76	59.3	19.19	54.54	1.87
7	gi|2160381|dbj|BAA06836.1|	625	639	2851	9.72	16.6	8.36	4.48	51.7	9.72	44.04	1.87
7	gi|2160381|dbj|BAA06836.1|	626	640	2852	10.45	16.6	10.45	4.37	50.93	6.85	40.59	1.87
7	gi|2160381|dbj|BAA06836.1|	627	641	2853	13.05	16.6	13.05	4.3	50.14	7.29	32.71	1.87
7	gi|2160381|dbj|BAA06836.1|	628	642	2854	16.6	16.6	16.88	5.2	50.87	7.76	30.72	1.87
7	gi|2160381|dbj|BAA06836.1|	629	643	2855	14.46	5.25	20.07	4.14	58.14	14.46	19.94	1.87
7	gi|2160381|dbj|BAA06836.1|	631	645	2856	19.63	8.84	28.78	9.75	73.01	35.64	19.63	10.53
7	gi|2160381|dbj|BAA06836.1|	632	646	2857	12.49	4.37	0.79	12.49	74.43	13.88	8.44	14.34
7	gi|2160381|dbj|BAA06836.1|	633	647	2858	8.44	4.37	1.24	12.8	74.43	7.39	8.44	14.34
7	gi|2160381|dbj|BAA06836.1|	634	648	2859	8.44	4.37	2.12	12.87	74.43	6.62	8.44	14.34
7	gi|2160381|dbj|BAA06836.1|	635	649	2860	8.44	4.37	3.39	12.26	74.43	5.99	8.44	14.34
7	gi|2160381|dbj|BAA06836.1|	636	650	2861	15.04	18.81	5.03	15.04	74.43	9.62	8.44	16.57
7	gi|2160381|dbj|BAA06836.1|	637	651	2862	15.62	23.05	5.79	15.04	74.43	15.62	8.44	16.57
7	gi|2160381|dbj|BAA06836.1|	638	652	2863	16.57	23.05	8.58	15.04	74.43	41.52	8.44	16.57
7	gi|2160381|dbj|BAA06836.1|	647	661	2864	12.72	4.9	12.72	22.53	7.65	34.99	37.3	7.72
7	gi|2160381|dbj|BAA06836.1|	648	662	2865	19.59	6.06	27.62	19.59	8.42	37.57	47.3	7.98
7	gi|2160381|dbj|BAA06836.1|	649	663	2866	11.6	11.6	30.88	9.96	9.4	41.94	37.02	6.84
7	gi|2160381|dbj|BAA06836.1|	650	664	2867	15.89	15.89	35.98	9.36	9.99	49.95	37.02	11.17
7	gi|2160381|dbj|BAA06836.1|	651	665	2868	15.89	15.89	28.91	8.04	14.93	57.3	37.02	10.6
7	gi|2160381|dbj|BAA06836.1|	652	666	2869	15.89	15.89	17.85	2.61	15.55	26.82	37.02	1.27
7	gi|2160381|dbj|BAA06836.1|	653	667	2870	15.55	11.21	21.67	2.61	15.55	21.6	37.02	1.27
7	gi|2160381|dbj|BAA06836.1|	655	669	2871	17.16	12.31	28.4	2.61	49.5	17.16	37.02	1.27
7	gi|2160381|dbj|BAA06836.1|	656	670	2872	17.35	17.11	33.65	2.61	52.68	17.35	30.54	1.27
7	gi|2160381|dbj|BAA06836.1|	658	672	2873	10.25	10.25	32.81	5.54	38.29	9.66	22.02	1.27
7	gi|2160381|dbj|BAA06836.1|	659	673	2874	14.89	10.25	21.62	16.78	38.29	6.64	14.89	4.69

Table 2

7	gi|2160381|dbj|BAA06836.1|	660	674	2875	9.86	8.12	24.77	17.03	38.29	5.31	9.86	6.27
7	gi|2160381|dbj|BAA06836.1|	661	675	2876	8.73	8.14	32.7	19.42	38.29	6.27	8.73	8.42
7	gi|2160381|dbj|BAA06836.1|	662	676	2877	11.88	11.38	37.64	19.82	38.29	7.9	11.12	11.88
7	gi|2160381|dbj|BAA06836.1|	663	677	2878	15.72	15.72	40.46	17.13	20.51	11.66	5.62	13.69
7	gi|2160381|dbj|BAA06836.1|	664	678	2879	15.72	15.72	35.02	15.4	20.51	24.49	4.35	13.08
7	gi|2160381|dbj|BAA06836.1|	720	734	2880	14.34	13.72	14.34	7.43	48.05	21.99	36.94	2.24
7	gi|2160381|dbj|BAA06836.1|	721	735	2881	13.72	13.72	16.16	7.61	49.16	9.69	32.11	1.83
7	gi|2160381|dbj|BAA06836.1|	722	736	2882	7.59	3.76	18.39	7.59	50.48	6.01	25.03	1.47
7	gi|2160381|dbj|BAA06836.1|	723	737	2883	7.74	3.88	22.37	7.74	52.63	5.57	18.39	1.96
7	gi|2160381|dbj|BAA06836.1|	724	738	2884	14.71	6.59	29.06	14.71	61.73	7.72	28.81	2.56
7	gi|2160381|dbj|BAA06836.1|	725	739	2885	9.57	8.09	32.89	7.21	28.93	9.57	36.58	3.11
7	gi|2160381|dbj|BAA06836.1|	726	740	2886	6.96	0.99	10.24	6.96	13.45	1.74	34.86	1.58
7	gi|2160381|dbj|BAA06836.1|	727	741	2887	6.76	0.99	7.09	6.76	11.35	0.21	34.86	1.53
7	gi|2160381|dbj|BAA06836.1|	728	742	2888	4.9	0.99	4.9	6.15	9.9	0.07	29.98	1.37
7	gi|2160381|dbj|BAA06836.1|	729	743	2889	5.45	0.99	5.45	6.2	9.65	0.06	24.82	1.42
7	gi|2160381|dbj|BAA06836.1|	730	744	2890	6.98	0.99	6.98	10.88	15.59	0.08	34.86	1.41
7	gi|2160381|dbj|BAA06836.1|	731	745	2891	9.28	2.46	9.28	15.93	23.85	0.34	34.86	4
7	gi|2160381|dbj|BAA06836.1|	732	746	2892	11.35	2.61	11.35	29.87	30.67	6.27	34.86	4.25
7	gi|2160381|dbj|BAA06836.1|	764	778	2893	6.08	2.19	14.22	3.26	26.03	6.08	30.78	3.56
7	gi|2160381|dbj|BAA06836.1|	765	779	2894	3.26	2.19	15.08	2.9	23.08	2.4	26.05	3.26
7	gi|2160381|dbj|BAA06836.1|	766	780	2895	3.42	2.19	19.11	3.18	21.85	2.43	20	3.42
7	gi|2160381|dbj|BAA06836.1|	767	781	2896	3.44	2.19	20.07	3.21	20.99	2.76	19.59	3.44
7	gi|2160381|dbj|BAA06836.1|	768	782	2897	10.16	2.19	20.07	9.48	24.24	4.32	29.11	10.16
7	gi|2160381|dbj|BAA06836.1|	769	783	2898	10.1	2.72	20.07	3.28	28.39	10.2	10.1	1.04
7	gi|2160381|dbj|BAA06836.1|	770	784	2899	10.1	2.66	47.84	3.98	32.66	26.92	10.1	1.05
7	gi|2160381|dbj|BAA06836.1|	771	785	2900	10.1	8.45	53.03	4.14	51.13	42	10.1	1.1
7	gi|2160381|dbj|BAA06836.1|	772	786	2901	10.1	8.11	50.92	3.89	51.13	39.96	10.1	1.04
7	gi|2160381|dbj|BAA06836.1|	773	787	2902	10.1	8.26	56.25	4.14	51.13	44.41	10.1	1.05
7	gi|2160381|dbj|BAA06836.1|	774	788	2903	15.34	15.34	59.49	11.02	51.13	54.04	10.1	3.52
7	gi|2160381|dbj|BAA06836.1|	832	846	2904	14.78	20.8	0.72	31.46	14.23	14.78	39.02	2.2
7	gi|2160381|dbj|BAA06836.1|	833	847	2905	4.02	10.29	0.49	7.86	24.78	4.02	1.49	1.39
7	gi|2160381|dbj|BAA06836.1|	834	848	2906	1.81	7.01	0.44	7.47	23.89	1.81	0.5	1.27
7	gi|2160381|dbj|BAA06836.1|	835	849	2907	1.88	7.5	0.46	7.1	24.96	1.88	0.28	1.45
7	gi|2160381|dbj|BAA06836.1|	836	850	2908	1.69	3.23	0.45	5.27	16.74	1.69	0.14	1.28
7	gi|2160381|dbj|BAA06836.1|	837	851	2909	2.31	3.19	0.93	4.84	17.82	1.89	0.12	2.31
7	gi|2160381|dbj|BAA06836.1|	838	852	2910	2.2	4.49	1.73	4.41	18.73	2.2	0.22	1.04
7	gi|2160381|dbj|BAA06836.1|	839	853	2911	5.05	5.53	8.04	4.75	19.51	5.05	0.22	1.68
7	gi|2160381|dbj|BAA06836.1|	840	854	2912	3.07	0.68	22.53	2.29	25.27	8.28	3.07	1.21
7	gi|2160381|dbj|BAA06836.1|	841	855	2913	4.26	0.68	15.07	0.7	31.46	10.03	4.26	1.07
7	gi|2160381|dbj|BAA06836.1|	842	856	2914	4.26	0.68	14.34	0.62	31.46	13.35	4.26	1.62
7	gi|2160381|dbj|BAA06836.1|	843	857	2915	4.36	1.67	15.81	0.64	31.46	14.02	4.36	2.42
7	gi|2160381|dbj|BAA06836.1|	844	858	2916	4.76	2.99	17.94	0.62	31.46	14.21	4.76	4.17
7	gi|2160381|dbj|BAA06836.1|	845	859	2917	11.11	2.99	21.69	0.67	40.48	18.05	7.13	11.11
7	gi|2160381|dbj|BAA06836.1|	846	860	2918	11.11	2.99	21.69	0.81	41.52	18.27	6.48	11.11
7	gi|2160381|dbj|BAA06836.1|	847	861	2919	11.66	8.6	21.69	3.18	42.77	20.32	8.3	11.66
7	gi|2160381|dbj|BAA06836.1|	848	862	2920	7.98	12.2	3.63	0.83	43.44	18.77	7.98	1.22
7	gi|2160381|dbj|BAA06836.1|	849	863	2921	5.68	5.68	3.63	0.72	35.77	8.03	8.3	1.16
7	gi|2160381|dbj|BAA06836.1|	850	864	2922	3.63	5	3.63	0.67	36.81	2.69	7.42	1.16

Table 2

7	gi|2160381|dbj|BAA06836.1|	851	865	2923	3.19	3.19	3.63	0.58	35.21	1.54	4.84	1.16
7	gi|2160381|dbj|BAA06836.1|	852	866	2924	2.98	2.98	3.63	0.73	36.16	1.74	4.29	1.16
7	gi|2160381|dbj|BAA06836.1|	853	867	2925	3.23	3.23	3.63	1.28	42.87	2.74	12.95	1.16
7	gi|2160381|dbj|BAA06836.1|	854	868	2926	4.2	5.08	3.63	2.36	46.52	4.2	19.68	1.16
7	gi|2160381|dbj|BAA06836.1|	855	869	2927	16.23	5.68	24.69	16.23	52.98	11.58	28.77	8.92
7	gi|2160381|dbj|BAA06836.1|	898	912	2928	19.63	8.98	25.45	6.22	19.63	39.23	41.11	8.96
7	gi|2160381|dbj|BAA06836.1|	905	919	2929	14.59	0.53	45.63	45.82	7.85	14.59	55.08	4.69
7	gi|2160381|dbj|BAA06836.1|	906	920	2930	17.35	0.53	45.63	43.8	10.79	17.35	46.98	4.69
7	gi|2160381|dbj|BAA06836.1|	907	921	2931	18.88	0.54	45.63	46.16	15.22	18.88	46.98	5.37
7	gi|2160381|dbj|BAA06836.1|	915	929	2932	19.74	9.7	51.66	18.45	29.63	46.4	19.74	0.47
7	gi|2160381|dbj|BAA06836.1|	916	930	2933	10.46	10.42	6.14	16.83	29.63	24.44	10.46	0.44
7	gi|2160381|dbj|BAA06836.1|	917	931	2934	10.09	10.09	8.04	19.93	29.63	22.35	9.36	0.44
7	gi|2160381|dbj|BAA06836.1|	918	932	2935	10.64	10.05	10.64	19.85	45.29	20.83	7.56	0.44
7	gi|2160381|dbj|BAA06836.1|	919	933	2936	6.27	3.22	6.09	21.22	50.06	18.82	6.27	0.46
7	gi|2160381|dbj|BAA06836.1|	920	934	2937	9.19	3.62	9.19	34.86	50.94	23.75	6.98	1.79
7	gi|2160381|dbj|BAA06836.1|	921	935	2938	11.77	3.76	11.77	33.79	51.96	30.3	5.23	1.77
7	gi|2160381|dbj|BAA06836.1|	924	938	2939	9.29	9.29	6.21	10.98	21.68	23.53	3.87	4.76
7	gi|2160381|dbj|BAA06836.1|	925	939	2940	9.43	9.43	9.06	10.98	21.68	21.91	4.56	4.83
7	gi|2160381|dbj|BAA06836.1|	926	940	2941	10.98	15.11	9.17	10.98	21.68	17.51	6.33	4.54
7	gi|2160381|dbj|BAA06836.1|	927	941	2942	9.46	21.64	9.3	9.46	21.68	15.76	6.33	4.18
7	gi|2160381|dbj|BAA06836.1|	928	942	2943	12.41	22.61	12.41	10.5	21.68	21.29	6.33	4.38
7	gi|2160381|dbj|BAA06836.1|	960	974	2944	12.75	15.8	5.48	9.75	22.09	12.75	83.54	0.3
7	gi|2160381|dbj|BAA06836.1|	961	975	2945	9.75	11.59	5.95	9.75	21.65	5.75	81.54	0.3
7	gi|2160381|dbj|BAA06836.1|	962	976	2946	9.75	14.05	6.29	9.75	27.2	4.19	76.2	0.3
7	gi|2160381|dbj|BAA06836.1|	963	977	2947	7.21	7.21	5.51	8.72	30.45	3.17	60.14	0.3
7	gi|2160381|dbj|BAA06836.1|	964	978	2948	7.21	7.21	6.65	11.91	30.45	4.18	23.43	0.3
7	gi|2160381|dbj|BAA06836.1|	965	979	2949	16.87	19.19	7.14	16.87	30.45	6.83	23.43	0.3
7	gi|2160381|dbj|BAA06836.1|	967	981	2950	16.56	9.99	3.61	23.56	66.07	16.56	23.43	0.19
7	gi|2160381|dbj|BAA06836.1|	968	982	2951	12.47	10.72	3.84	25.19	66.07	12.47	20.7	0.2
7	gi|2160381|dbj|BAA06836.1|	969	983	2952	7.49	7.21	2.55	14.86	46.93	7.49	16.31	0.19
7	gi|2160381|dbj|BAA06836.1|	970	984	2953	18.64	20.48	2.55	18.64	46.93	6.08	23.43	0.2
7	gi|2160381|dbj|BAA06836.1|	971	985	2954	10.25	10.25	2.55	18.64	46.93	5.17	27.69	0.21
7	gi|2160381|dbj|BAA06836.1|	972	986	2955	10.25	10.25	2.55	18.64	43.32	3.61	27.69	0.87
7	gi|2160381|dbj|BAA06836.1|	973	987	2956	10.25	10.25	9.21	18.64	42.16	6.3	30.16	0.91
7	gi|2160381|dbj|BAA06836.1|	974	988	2957	15.31	10.25	15.31	24.12	39.21	7.58	30.16	9.97
8	gi|294862261|ref|NP_058519.3|	265	279	2958	10.53	4.84	1.06	13.64	9.49	36.77	22.38	10.53
8	gi|294862261|ref|NP_058519.3|	266	280	2959	12.4	7.73	1.24	13.64	12.4	29.16	24.66	10.53
8	gi|294862261|ref|NP_058519.3|	267	281	2960	15.67	7.59	1.41	18.39	15.67	23.73	23.2	10.53
8	gi|294862261|ref|NP_058519.3|	268	282	2961	12.03	16.6	1.9	22.2	12.03	22.62	10.61	10.53
8	gi|294862261|ref|NP_058519.3|	269	283	2962	12.03	16.6	2.7	30.76	12.03	25.37	10.61	10.53
8	gi|294862261|ref|NP_058519.3|	270	284	2963	12.03	20.56	4.39	52.13	12.03	35.78	10.92	10.53
8	gi|294862261|ref|NP_058519.3|	297	311	2964	16.21	16.21	9.73	31	2.45	37.29	32.97	15.22
8	gi|294862261|ref|NP_058519.3|	298	312	2965	16.92	16.92	12.31	24.8	2.5	22.21	50.76	14.67
8	gi|294862261|ref|NP_058519.3|	299	313	2966	15.22	12.33	15.22	23.52	2.72	15.95	45.77	8.53
8	gi|294862261|ref|NP_058519.3|	300	314	2967	16.56	12.33	35.52	24.18	2.96	16.56	53.43	8.59
8	gi|294862261|ref|NP_058519.3|	301	315	2968	16.56	12.33	39.21	24.15	5.72	16.56	53.43	8.55
8	gi|294862261|ref|NP_058519.3|	365	379	2969	19.02	19.02	21.12	9.66	75.22	25.88	12.61	12.23
8	gi|294862261|ref|NP_058519.3|	366	380	2970	18.08	18.08	25.61	9.66	75.22	22.78	9.79	12.23

Table 2

8	gi|294862261|ref|NP_058519.3|	367	381	2971	18.53	22.29	18.53	9.66	75.22	24.05	9.69	12.23
8	gi|294862261|ref|NP_058519.3|	368	382	2972	18.53	21.57	18.53	9.66	75.22	23.95	9.35	12.23
8	gi|294862261|ref|NP_058519.3|	369	383	2973	18.53	27.01	18.53	13.64	37.32	24.82	12.1	12.23
8	gi|294862261|ref|NP_058519.3|	370	384	2974	18.53	27.24	18.53	15.71	37.32	30.22	9.91	12.23
8	gi|294862261|ref|NP_058519.3|	371	385	2975	18.53	37.54	18.53	16.46	37.32	42.32	11.15	12.23
8	gi|294862261|ref|NP_058519.3|	418	432	2976	18.95	8.54	18.95	9.7	43.98	47.22	59.39	13.94
8	gi|294862261|ref|NP_058519.3|	435	449	2977	9.97	5.17	4.48	21.53	11.63	9.22	69.9	9.97
8	gi|294862261|ref|NP_058519.3|	436	450	2978	7.03	5.17	4.71	17.66	11.72	3.61	66.48	7.03
8	gi|294862261|ref|NP_058519.3|	437	451	2979	7.03	5.17	4.85	18.97	11.42	2.24	63.98	7.03
8	gi|294862261|ref|NP_058519.3|	438	452	2980	7.03	5.17	5.51	22.49	11.65	1.96	64.25	7.03
8	gi|294862261|ref|NP_058519.3|	439	453	2981	7.23	5.17	7.23	22.97	21.14	2.71	65.66	7.03
8	gi|294862261|ref|NP_058519.3|	440	454	2982	9.25	5.17	9.25	27.81	35.83	5.24	69.9	7.03
8	gi|294862261|ref|NP_058519.3|	554	568	2983	19.12	11.05	5.37	24.53	19.12	46.34	11.55	32.66
8	gi|294862261|ref|NP_058519.3|	555	569	2984	19.12	11.02	7.28	24.95	19.12	41.08	11.55	33.37
8	gi|294862261|ref|NP_058519.3|	556	570	2985	19.12	10.35	7.83	39.07	19.12	29.91	15.52	34.18
8	gi|294862261|ref|NP_058519.3|	557	571	2986	19.12	10.17	9.87	41.77	19.12	29.32	16.23	37.93
8	gi|294862261|ref|NP_058519.3|	586	600	2987	17.05	8.9	23.2	17.05	75.22	54.26	6.87	8.92
8	gi|294862261|ref|NP_058519.3|	587	601	2988	15.04	2.71	19.52	15.04	75.22	38.77	4.62	8.92
8	gi|294862261|ref|NP_058519.3|	588	602	2989	15.04	2.71	23.01	15.04	75.22	31.94	2.26	8.92
8	gi|294862261|ref|NP_058519.3|	589	603	2990	15.04	2.71	26.05	15.04	75.22	29.62	3.12	8.92
8	gi|294862261|ref|NP_058519.3|	591	605	2991	19.67	2.71	31.46	19.67	55.77	33.17	3.35	10.56
8	gi|294862261|ref|NP_058519.3|	619	633	2992	19.06	1.37	38.4	13.64	49.75	51.48	8.9	19.06
8	gi|294862261|ref|NP_058519.3|	620	634	2993	15.27	1.33	42.29	13.64	52.3	31.12	7.4	15.27
8	gi|294862261|ref|NP_058519.3|	621	635	2994	12.82	1.26	34.15	12.82	24.83	18.27	4.78	8.92
8	gi|294862261|ref|NP_058519.3|	622	636	2995	14.51	1.24	36.82	15.56	20.55	14.51	4.9	9.12
8	gi|294862261|ref|NP_058519.3|	623	637	2996	14.72	1.25	43.71	23.45	21.03	14.72	5.58	9.92
8	gi|294862261|ref|NP_058519.3|	624	638	2997	18.01	2.18	44.04	27.42	22.17	18.01	15.54	7.46
8	gi|294862261|ref|NP_058519.3|	689	703	2998	18.01	13.04	54.18	25.22	15.62	18.01	37.13	17.28
8	gi|294862261|ref|NP_058519.3|	690	704	2999	17	13.04	54.18	25.59	12.52	14.46	40.02	17
8	gi|294862261|ref|NP_058519.3|	691	705	3000	14.56	13.04	54.18	29.26	11.69	12.47	64.33	14.56
8	gi|294862261|ref|NP_058519.3|	692	706	3001	18.07	13.04	54.18	40.95	11.96	15.54	73.68	18.07
9	gi|6754638|ref|NP_005901.2|	237	251	3002	19.12	11.05	5.37	24.53	19.12	46.34	11.55	32.66
9	gi|6754638|ref|NP_005901.2|	238	252	3003	19.12	11.02	7.28	24.95	19.12	41.08	11.55	33.37
9	gi|6754638|ref|NP_005901.2|	239	253	3004	19.12	10.35	7.83	39.07	19.12	29.91	15.52	34.18
9	gi|6754638|ref|NP_005901.2|	240	254	3005	19.12	10.17	9.87	41.77	19.12	29.32	16.23	37.93
9	gi|6754638|ref|NP_005901.2|	269	283	3006	17.05	8.9	23.2	17.05	75.22	54.26	6.87	8.92
9	gi|6754638|ref|NP_005901.2|	270	284	3007	15.04	2.71	19.52	15.04	75.22	38.77	4.62	8.92
9	gi|6754638|ref|NP_005901.2|	271	285	3008	15.04	2.71	23.01	15.04	75.22	31.94	2.26	8.92
9	gi|6754638|ref|NP_005901.2|	272	286	3009	15.04	2.71	26.05	15.04	75.22	29.62	3.12	8.92
9	gi|6754638|ref|NP_005901.2|	274	288	3010	19.67	2.71	31.46	19.67	55.77	33.17	3.35	10.56
9	gi|6754638|ref|NP_005901.2|	302	316	3011	19.06	1.37	38.4	13.64	49.75	51.48	8.9	19.06
9	gi|6754638|ref|NP_005901.2|	303	317	3012	15.27	1.33	42.29	13.64	52.3	31.12	7.4	15.27
9	gi|6754638|ref|NP_005901.2|	304	318	3013	12.82	1.26	34.15	12.82	24.83	18.27	4.78	8.92
9	gi|6754638|ref|NP_005901.2|	305	319	3014	14.51	1.24	36.82	15.56	20.55	14.51	4.9	9.12
9	gi|6754638|ref|NP_005901.2|	306	320	3015	14.72	1.25	43.71	23.45	21.03	14.72	5.58	9.92
9	gi|6754638|ref|NP_005901.2|	307	321	3016	18.01	2.18	44.04	27.42	22.17	18.01	15.54	7.46
9	gi|6754638|ref|NP_005901.2|	372	386	3017	18.01	13.04	54.18	25.22	15.62	18.01	37.13	17.28
9	gi|6754638|ref|NP_005901.2|	373	387	3018	17	13.04	54.18	25.59	12.52	14.46	40.02	17

Table 2

9	gi|6754638|ref|NP_005901.2|	374	388	3019	14.56	13.04	54.18	29.26	11.69	12.47	64.33	14.56
9	gi|6754638|ref|NP_005901.2|	375	389	3020	18.07	13.04	54.18	40.95	11.96	15.54	73.68	18.07
10	gi|8400711|ref|NP_058518.1|	179	193	3021	19.12	11.05	5.37	24.53	19.12	46.34	11.55	32.66
10	gi|8400711|ref|NP_058518.1|	180	194	3022	19.12	11.02	7.28	24.95	19.12	41.08	11.55	33.37
10	gi|8400711|ref|NP_058518.1|	181	195	3023	19.12	10.35	7.83	39.07	19.12	29.91	15.52	34.18
10	gi|8400711|ref|NP_058518.1|	182	196	3024	19.12	10.17	9.87	41.77	19.12	29.32	16.23	37.93
10	gi|8400711|ref|NP_058518.1|	211	225	3025	17.05	8.9	23.2	17.05	75.22	54.26	6.87	8.92
10	gi|8400711|ref|NP_058518.1|	212	226	3026	15.04	2.71	19.52	15.04	75.22	38.77	4.62	8.92
10	gi|8400711|ref|NP_058518.1|	213	227	3027	15.04	2.71	23.01	15.04	75.22	31.94	2.26	8.92
10	gi|8400711|ref|NP_058518.1|	214	228	3028	15.04	2.71	26.05	15.04	75.22	29.62	3.12	8.92
10	gi|8400711|ref|NP_058518.1|	216	230	3029	19.67	2.71	31.46	19.67	55.77	33.17	3.35	10.56
10	gi|8400711|ref|NP_058518.1|	244	258	3030	19.06	1.37	38.4	13.64	49.75	51.48	8.9	19.06
10	gi|8400711|ref|NP_058518.1|	245	259	3031	15.27	1.33	42.29	13.64	52.3	31.12	7.4	15.27
10	gi|8400711|ref|NP_058518.1|	246	260	3032	12.82	1.26	34.15	12.82	24.83	18.27	4.78	8.92
10	gi|8400711|ref|NP_058518.1|	247	261	3033	14.51	1.24	36.82	15.56	20.55	14.51	4.9	9.12
10	gi|8400711|ref|NP_058518.1|	248	262	3034	14.72	1.25	43.71	23.45	21.03	14.72	5.58	9.92
10	gi|8400711|ref|NP_058518.1|	249	263	3035	18.01	2.18	44.04	27.42	22.17	18.01	15.54	7.46
10	gi|8400711|ref|NP_058518.1|	314	328	3036	18.01	13.04	54.18	25.22	15.62	18.01	37.13	17.28
10	gi|8400711|ref|NP_058518.1|	315	329	3037	17	13.04	54.18	25.59	12.52	14.46	40.02	17
10	gi|8400711|ref|NP_058518.1|	316	330	3038	14.56	13.04	54.18	29.26	11.69	12.47	64.33	14.56
10	gi|8400711|ref|NP_058518.1|	317	331	3039	18.07	13.04	54.18	40.95	11.96	15.54	73.68	18.07
11	gi|8400715|ref|NP_058525.1|	179	193	3040	19.12	11.05	5.37	24.53	19.12	46.34	11.55	32.66
11	gi|8400715|ref|NP_058525.1|	180	194	3041	19.12	11.02	7.28	24.95	19.12	41.08	11.55	33.37
11	gi|8400715|ref|NP_058525.1|	181	195	3042	19.12	10.35	7.83	39.07	19.12	29.91	15.52	34.18
11	gi|8400715|ref|NP_058525.1|	182	196	3043	19.12	10.17	9.87	41.77	19.12	29.32	16.23	37.93
11	gi|8400715|ref|NP_058525.1|	213	227	3044	19.06	1.35	30.38	13.64	49.94	42.75	6.99	19.06
11	gi|8400715|ref|NP_058525.1|	214	228	3045	15.27	1.31	34.15	13.64	50.34	25.92	7.27	15.27
11	gi|8400715|ref|NP_058525.1|	215	229	3046	12.71	1.24	29.29	12.71	24.34	15.51	4.69	8.88
11	gi|8400715|ref|NP_058525.1|	216	230	3047	12.46	1.23	31.99	15.43	20.47	12.46	4.81	9.09
11	gi|8400715|ref|NP_058525.1|	217	231	3048	14.72	1.25	43.71	23.45	21.03	14.72	5.58	9.92
11	gi|8400715|ref|NP_058525.1|	218	232	3049	18.01	2.18	44.04	27.42	22.17	18.01	15.54	7.46
11	gi|8400715|ref|NP_058525.1|	283	297	3050	18.01	13.04	54.18	25.22	15.62	18.01	37.13	17.28
11	gi|8400715|ref|NP_058525.1|	284	298	3051	17	13.04	54.18	25.59	12.52	14.46	40.02	17
11	gi|8400715|ref|NP_058525.1|	285	299	3052	14.56	13.04	54.18	29.26	11.69	12.47	64.33	14.56
11	gi|8400715|ref|NP_058525.1|	286	300	3053	18.07	13.04	54.18	40.95	11.96	15.54	73.68	18.07
12	gi|178557736|ref|NP_001116539.1|	208	222	3054	19.12	11.05	5.37	24.53	19.12	46.34	11.55	32.66
12	gi|178557736|ref|NP_001116539.1|	209	223	3055	19.12	11.02	7.28	24.95	19.12	41.08	11.55	33.37
12	gi|178557736|ref|NP_001116539.1|	210	224	3056	19.12	10.35	7.83	39.07	19.12	29.91	15.52	34.18
12	gi|178557736|ref|NP_001116539.1|	211	225	3057	19.12	10.17	9.87	41.77	19.12	29.32	16.23	37.93
12	gi|178557736|ref|NP_001116539.1|	240	254	3058	17.05	8.9	23.2	17.05	75.22	54.26	6.87	8.92
12	gi|178557736|ref|NP_001116539.1|	241	255	3059	15.04	2.71	19.52	15.04	75.22	38.77	4.62	8.92
12	gi|178557736|ref|NP_001116539.1|	242	256	3060	15.04	2.71	23.01	15.04	75.22	31.94	2.26	8.92
12	gi|178557736|ref|NP_001116539.1|	243	257	3061	15.04	2.71	26.05	15.04	75.22	29.62	3.12	8.92
12	gi|178557736|ref|NP_001116539.1|	245	259	3062	19.67	2.71	31.46	19.67	55.77	33.17	3.35	10.56
12	gi|178557736|ref|NP_001116539.1|	273	287	3063	19.06	1.37	38.4	13.64	49.75	51.48	8.9	19.06
12	gi|178557736|ref|NP_001116539.1|	274	288	3064	15.27	1.33	42.29	13.64	52.3	31.12	7.4	15.27
12	gi|178557736|ref|NP_001116539.1|	275	289	3065	12.82	1.26	34.15	12.82	24.83	18.27	4.78	8.92
12	gi|178557736|ref|NP_001116539.1|	276	290	3066	14.51	1.24	36.82	15.56	20.55	14.51	4.9	9.12

Table 2

12	gi|178557736|ref|NP_001116539.1|	277	291	3067	14.72	1.25	43.71	23.45	21.03	14.72	5.58	9.92
12	gi|178557736|ref|NP_001116539.1|	278	292	3068	18.01	2.18	44.04	27.42	22.17	18.01	15.54	7.46
12	gi|178557736|ref|NP_001116539.1|	343	357	3069	18.01	13.04	54.18	25.22	15.62	18.01	37.13	17.28
12	gi|178557736|ref|NP_001116539.1|	344	358	3070	17	13.04	54.18	25.59	12.52	14.46	40.02	17
12	gi|178557736|ref|NP_001116539.1|	345	359	3071	14.56	13.04	54.18	29.26	11.69	12.47	64.33	14.56
12	gi|178557736|ref|NP_001116539.1|	346	360	3072	18.07	13.04	54.18	40.95	11.96	15.54	73.68	18.07
13	gi|294862258|ref|NP_001116538.2|	265	279	3073	10.53	4.84	1.06	13.64	9.49	36.77	22.38	10.53
13	gi|294862258|ref|NP_001116538.2|	266	280	3074	12.4	7.73	1.24	13.64	12.4	29.16	24.66	10.53
13	gi|294862258|ref|NP_001116538.2|	267	281	3075	15.67	7.59	1.41	18.39	15.67	23.73	23.2	10.53
13	gi|294862258|ref|NP_001116538.2|	268	282	3076	12.03	16.6	1.9	22.2	12.03	22.62	10.61	10.53
13	gi|294862258|ref|NP_001116538.2|	269	283	3077	12.03	16.6	2.7	30.76	12.03	25.37	10.61	10.53
13	gi|294862258|ref|NP_001116538.2|	270	284	3078	12.03	20.56	4.39	52.13	12.03	35.78	10.92	10.53
13	gi|294862258|ref|NP_001116538.2|	297	311	3079	16.21	16.21	9.73	31	2.45	37.29	32.97	15.22
13	gi|294862258|ref|NP_001116538.2|	298	312	3080	16.92	16.92	12.31	24.8	2.5	22.21	50.76	14.67
13	gi|294862258|ref|NP_001116538.2|	299	313	3081	15.22	12.33	15.22	23.52	2.72	15.95	45.77	8.53
13	gi|294862258|ref|NP_001116538.2|	300	314	3082	16.56	12.33	35.52	24.18	2.96	16.56	53.43	8.59
13	gi|294862258|ref|NP_001116538.2|	301	315	3083	16.56	12.33	39.21	24.15	5.72	16.56	53.43	8.55
13	gi|294862258|ref|NP_001116538.2|	365	379	3084	19.02	19.02	21.12	9.66	75.22	25.88	12.61	12.23
13	gi|294862258|ref|NP_001116538.2|	366	380	3085	18.08	18.08	25.61	9.66	75.22	22.78	9.79	12.23
13	gi|294862258|ref|NP_001116538.2|	367	381	3086	18.53	22.29	18.53	9.66	75.22	24.05	9.69	12.23
13	gi|294862258|ref|NP_001116538.2|	368	382	3087	18.53	21.57	18.53	9.66	75.22	23.95	9.35	12.23
13	gi|294862258|ref|NP_001116538.2|	369	383	3088	18.53	27.01	18.53	13.64	37.32	24.82	12.1	12.23
13	gi|294862258|ref|NP_001116538.2|	370	384	3089	18.53	27.24	18.53	15.71	37.32	30.22	9.91	12.23
13	gi|294862258|ref|NP_001116538.2|	371	385	3090	18.53	37.54	18.53	16.46	37.32	42.32	11.15	12.23
13	gi|294862258|ref|NP_001116538.2|	418	432	3091	18.95	8.54	18.95	9.7	43.98	47.22	59.39	13.94
13	gi|294862258|ref|NP_001116538.2|	435	449	3092	9.97	5.17	4.48	21.53	11.63	9.22	69.9	9.97
13	gi|294862258|ref|NP_001116538.2|	436	450	3093	7.03	5.17	4.71	17.66	11.72	3.61	66.48	7.03
13	gi|294862258|ref|NP_001116538.2|	437	451	3094	7.03	5.17	4.85	18.97	11.42	2.24	63.98	7.03
13	gi|294862258|ref|NP_001116538.2|	438	452	3095	7.03	5.17	5.51	22.49	11.65	1.96	64.25	7.03
13	gi|294862258|ref|NP_001116538.2|	439	453	3096	7.23	5.17	7.23	22.97	21.14	2.71	65.66	7.03
13	gi|294862258|ref|NP_001116538.2|	440	454	3097	9.25	5.17	9.25	27.81	35.83	5.24	69.9	7.03
13	gi|294862258|ref|NP_001116538.2|	572	586	3098	19.12	11.05	5.37	24.53	19.12	46.34	11.55	32.66
13	gi|294862258|ref|NP_001116538.2|	573	587	3099	19.12	11.02	7.28	24.95	19.12	41.08	11.55	33.37
13	gi|294862258|ref|NP_001116538.2|	574	588	3100	19.12	10.35	7.83	39.07	19.12	29.91	15.52	34.18
13	gi|294862258|ref|NP_001116538.2|	575	589	3101	19.12	10.17	9.87	41.77	19.12	29.32	16.23	37.93
13	gi|294862258|ref|NP_001116538.2|	604	618	3102	17.05	8.9	23.2	17.05	75.22	54.26	6.87	8.92
13	gi|294862258|ref|NP_001116538.2|	605	619	3103	15.04	2.71	19.52	15.04	75.22	38.77	4.62	8.92
13	gi|294862258|ref|NP_001116538.2|	606	620	3104	15.04	2.71	23.01	15.04	75.22	31.94	2.26	8.92
13	gi|294862258|ref|NP_001116538.2|	607	621	3105	15.04	2.71	26.05	15.04	75.22	29.62	3.12	8.92
13	gi|294862258|ref|NP_001116538.2|	609	623	3106	19.67	2.71	31.46	19.67	55.77	33.17	3.35	10.56
13	gi|294862258|ref|NP_001116538.2|	637	651	3107	19.06	1.37	38.4	13.64	49.75	51.48	8.9	19.06
13	gi|294862258|ref|NP_001116538.2|	638	652	3108	15.27	1.33	42.29	13.64	52.3	31.12	7.4	15.27
13	gi|294862258|ref|NP_001116538.2|	639	653	3109	12.82	1.26	34.15	12.82	24.83	18.27	4.78	8.92
13	gi|294862258|ref|NP_001116538.2|	640	654	3110	14.51	1.24	36.82	15.56	20.55	14.51	4.9	9.12
13	gi|294862258|ref|NP_001116538.2|	641	655	3111	14.72	1.25	43.71	23.45	21.03	14.72	5.58	9.92
13	gi|294862258|ref|NP_001116538.2|	642	656	3112	18.01	2.18	44.04	27.42	22.17	18.01	15.54	7.46
13	gi|294862258|ref|NP_001116538.2|	707	721	3113	18.01	13.04	54.18	25.22	15.62	18.01	37.13	17.28
13	gi|294862258|ref|NP_001116538.2|	708	722	3114	17	13.04	54.18	25.59	12.52	14.46	40.02	17

Table 2

13	gi|294862258|ref|NP_001116538.2|	709	723	3115	14.56	13.04	54.18	29.26	11.69	12.47	64.33	14.56
13	gi|294862258|ref|NP_001116538.2|	710	724	3116	18.07	13.04	54.18	40.95	11.96	15.54	73.68	18.07
14	gi|322303720|ref|NP_001190180.1|	208	222	3117	19.12	11.05	5.37	24.53	19.12	46.34	11.55	32.66
14	gi|322303720|ref|NP_001190180.1|	209	223	3118	19.12	11.02	7.28	24.95	19.12	41.08	11.55	33.37
14	gi|322303720|ref|NP_001190180.1|	210	224	3119	19.12	10.35	7.83	39.07	19.12	29.91	15.52	34.18
14	gi|322303720|ref|NP_001190180.1|	211	225	3120	19.12	10.17	9.87	41.77	19.12	29.32	16.23	37.93
14	gi|322303720|ref|NP_001190180.1|	242	256	3121	19.06	1.35	30.38	13.64	49.94	42.75	6.99	19.06
14	gi|322303720|ref|NP_001190180.1|	243	257	3122	15.27	1.31	34.15	13.64	50.34	25.92	7.27	15.27
14	gi|322303720|ref|NP_001190180.1|	244	258	3123	12.71	1.24	29.29	12.71	24.34	15.51	4.69	8.88
14	gi|322303720|ref|NP_001190180.1|	245	259	3124	12.46	1.23	31.99	15.43	20.47	12.46	4.81	9.09
14	gi|322303720|ref|NP_001190180.1|	246	260	3125	14.72	1.25	43.71	23.45	21.03	14.72	5.58	9.92
14	gi|322303720|ref|NP_001190180.1|	247	261	3126	18.01	2.18	44.04	27.42	22.17	18.01	15.54	7.46
14	gi|322303720|ref|NP_001190180.1|	312	326	3127	18.01	13.04	54.18	25.22	15.62	18.01	37.13	17.28
14	gi|322303720|ref|NP_001190180.1|	313	327	3128	17	13.04	54.18	25.59	12.52	14.46	40.02	17
14	gi|322303720|ref|NP_001190180.1|	314	328	3129	14.56	13.04	54.18	29.26	11.69	12.47	64.33	14.56
14	gi|322303720|ref|NP_001190180.1|	315	329	3130	18.07	13.04	54.18	40.95	11.96	15.54	73.68	18.07
15	gi|322303747|ref|NP_001190181.1|	237	251	3131	19.12	11.05	5.37	24.53	19.12	46.34	11.55	32.66
15	gi|322303747|ref|NP_001190181.1|	238	252	3132	19.12	11.02	7.28	24.95	19.12	41.08	11.55	33.37
15	gi|322303747|ref|NP_001190181.1|	239	253	3133	19.12	10.35	7.83	39.07	19.12	29.91	15.52	34.18
15	gi|322303747|ref|NP_001190181.1|	240	254	3134	19.12	10.17	9.87	41.77	19.12	29.32	16.23	37.93
15	gi|322303747|ref|NP_001190181.1|	271	285	3135	19.06	1.35	30.38	13.64	49.94	42.75	6.99	19.06
15	gi|322303747|ref|NP_001190181.1|	272	286	3136	15.27	1.31	34.15	13.64	50.34	25.92	7.27	15.27
15	gi|322303747|ref|NP_001190181.1|	273	287	3137	12.71	1.24	29.29	12.71	24.34	15.51	4.69	8.88
15	gi|322303747|ref|NP_001190181.1|	274	288	3138	12.46	1.23	31.99	15.43	20.47	12.46	4.81	9.09
15	gi|322303747|ref|NP_001190181.1|	275	289	3139	14.72	1.25	43.71	23.45	21.03	14.72	5.58	9.92
15	gi|322303747|ref|NP_001190181.1|	276	290	3140	18.01	2.18	44.04	27.42	22.17	18.01	15.54	7.46
15	gi|322303747|ref|NP_001190181.1|	341	355	3141	18.01	13.04	54.18	25.22	15.62	18.01	37.13	17.28
15	gi|322303747|ref|NP_001190181.1|	342	356	3142	17	13.04	54.18	25.59	12.52	14.46	40.02	17
15	gi|322303747|ref|NP_001190181.1|	343	357	3143	14.56	13.04	54.18	29.26	11.69	12.47	64.33	14.56
15	gi|322303747|ref|NP_001190181.1|	344	358	3144	18.07	13.04	54.18	40.95	11.96	15.54	73.68	18.07
16	gi|4502167|ref|NP_000475.1|	1	15	3145	18.16	8.01	18.16	1.76	30.04	83.52	22.59	4.48
16	gi|4502167|ref|NP_000475.1|	2	16	3146	18.16	10.25	18.16	3.14	30.04	46.47	22.59	3.73
16	gi|4502167|ref|NP_000475.1|	3	17	3147	11.22	7.76	17.78	3.04	30.04	11.22	22.59	3.73
16	gi|4502167|ref|NP_000475.1|	4	18	3148	3.91	7.76	2.93	1.7	30.04	3.91	22.59	3.73
16	gi|4502167|ref|NP_000475.1|	5	19	3149	3.73	7.76	2.96	1.48	30.04	3.46	22.59	3.73
16	gi|4502167|ref|NP_000475.1|	6	20	3150	3.79	7.76	3.79	2.03	30.04	3.04	22.59	3.73
16	gi|4502167|ref|NP_000475.1|	7	21	3151	4.22	7.76	3.93	2.3	30.04	4.22	23.68	3.73
16	gi|4502167|ref|NP_000475.1|	8	22	3152	8.31	8.1	4.48	14.24	58.84	8.31	23.68	3.73
16	gi|4502167|ref|NP_000475.1|	34	48	3153	18.62	24.06	28.98	5.12	18.62	23.66	16.9	8.92
16	gi|4502167|ref|NP_000475.1|	37	51	3154	14.42	14.1	54.84	14.42	37.39	39.74	12.13	8.76
16	gi|4502167|ref|NP_000475.1|	66	80	3155	18.29	16.6	64.66	12.95	18.29	56.31	13.37	35.44
16	gi|4502167|ref|NP_000475.1|	67	81	3156	18.84	16.6	33.45	14.34	18.84	48.26	14.15	30.45
16	gi|4502167|ref|NP_000475.1|	68	82	3157	17.62	16.6	30.85	16.37	17.62	40.81	15.31	31.24
16	gi|4502167|ref|NP_000475.1|	109	123	3158	10.16	2.99	13.19	10.16	9	29.28	53.52	6.18
16	gi|4502167|ref|NP_000475.1|	110	124	3159	10.98	7.14	16.42	10.98	10.28	24.39	56.2	6.18
16	gi|4502167|ref|NP_000475.1|	111	125	3160	16.77	8.11	21.67	16.77	10.87	30.78	56.2	6.18
16	gi|4502167|ref|NP_000475.1|	112	126	3161	17.1	9.33	25.26	17.1	12.55	27.72	55.94	6.18
16	gi|4502167|ref|NP_000475.1|	113	127	3162	19.36	8.19	29.53	15.71	19.36	25.22	36.02	6.18

Table 2

16	gi|4502167|ref|NP_000475.1|	129	143	3163	17.8	4.29	24.31	36.78	12.18	32.66	8.07	17.8
16	gi|4502167|ref|NP_000475.1|	130	144	3164	17.32	4.29	25.76	36.02	11.35	23.97	6.23	17.32
16	gi|4502167|ref|NP_000475.1|	131	145	3165	17.8	4.29	29.79	37.43	11.07	23.67	5.06	17.8
16	gi|4502167|ref|NP_000475.1|	132	146	3166	17.8	4.29	32.48	40.72	11.35	22.19	5.42	17.8
16	gi|4502167|ref|NP_000475.1|	133	147	3167	17.8	4.29	40.04	41.82	14.57	30.01	5.57	17.8
16	gi|4502167|ref|NP_000475.1|	338	352	3168	19.04	9.61	16.19	30.85	75.22	35.89	19.04	12.43
16	gi|4502167|ref|NP_000475.1|	339	353	3169	19.09	12.14	19.09	35	75.22	35.39	17.63	11.54
16	gi|4502167|ref|NP_000475.1|	345	359	3170	17.8	13.28	1.69	34.23	48.28	30.09	14.02	17.8
16	gi|4502167|ref|NP_000475.1|	346	360	3171	17.8	9.74	1.9	35.05	47.69	33.61	11.53	17.8
16	gi|4502167|ref|NP_000475.1|	347	361	3172	17.8	13.2	2.78	35.35	47.69	38.22	14.26	17.8
16	gi|4502167|ref|NP_000475.1|	452	466	3173	12.65	11.59	2.41	14.19	46.57	27.82	12.65	9.33
16	gi|4502167|ref|NP_000475.1|	453	467	3174	11.59	11.59	4.17	16.75	46.57	40.08	11.18	9.61
16	gi|4502167|ref|NP_000475.1|	457	471	3175	19.49	11.59	36.71	28.21	27.6	19.49	17.89	7.03
16	gi|4502167|ref|NP_000475.1|	459	473	3176	18.08	1.01	36.71	24.99	18.08	6.83	23.85	10.53
16	gi|4502167|ref|NP_000475.1|	460	474	3177	16.28	1.01	36.71	35.76	16.28	7.73	23.85	10.53
16	gi|4502167|ref|NP_000475.1|	461	475	3178	15.4	0.9	36.71	36.34	15.4	10.75	23.85	10.53
16	gi|4502167|ref|NP_000475.1|	474	488	3179	11.41	11.41	18.91	23.45	44.73	9.3	6.83	0.11
16	gi|4502167|ref|NP_000475.1|	475	489	3180	11.41	11.41	20.11	23.45	44.73	6.3	7.29	0.11
16	gi|4502167|ref|NP_000475.1|	476	490	3181	11.41	11.41	16.69	23.45	44.73	4.98	10.28	0.11
16	gi|4502167|ref|NP_000475.1|	477	491	3182	11.41	11.41	15.27	14.17	44.73	5.89	10.96	0.11
16	gi|4502167|ref|NP_000475.1|	478	492	3183	15.33	11.41	19.44	15.33	50.74	10.6	27.94	0.11
16	gi|4502167|ref|NP_000475.1|	484	498	3184	17.2	10.76	38.78	10.24	24.36	17.2	29.26	5.51
16	gi|4502167|ref|NP_000475.1|	485	499	3185	6.09	4.5	38.78	5.93	23.79	6.09	23.25	0.17
16	gi|4502167|ref|NP_000475.1|	486	500	3186	4.84	4.48	38.78	4.84	23.35	2.92	19.97	0.17
16	gi|4502167|ref|NP_000475.1|	487	501	3187	5.12	4.35	44.09	5.12	29.04	3.31	14.99	0.17
16	gi|4502167|ref|NP_000475.1|	488	502	3188	4.21	4.21	49.35	3.7	34.21	3.6	14.15	0.17
16	gi|4502167|ref|NP_000475.1|	489	503	3189	6.05	5.77	36.41	3.7	37.22	6.05	14.15	0.17
16	gi|4502167|ref|NP_000475.1|	490	504	3190	11.72	11.72	40.88	8.57	37.22	10.69	14.15	0.17
16	gi|4502167|ref|NP_000475.1|	491	505	3191	14.15	2.97	42.7	10.62	58.75	20.99	14.15	0.17
16	gi|4502167|ref|NP_000475.1|	504	518	3192	18.35	15.86	6.48	15.75	24.93	21.82	18.35	21.62
16	gi|4502167|ref|NP_000475.1|	505	519	3193	16.16	14.8	7.06	16.16	24.75	21.11	13.95	21.62
16	gi|4502167|ref|NP_000475.1|	506	520	3194	16.53	15.33	7.19	16.53	23.94	23.36	11.06	21
16	gi|4502167|ref|NP_000475.1|	508	522	3195	16.89	29.92	13.26	11.54	9.64	27.69	16.89	21
16	gi|4502167|ref|NP_000475.1|	509	523	3196	13.07	7.66	17.05	13.07	9.64	24.16	14.58	4.44
16	gi|4502167|ref|NP_000475.1|	510	524	3197	14.78	2.85	25.54	14.78	9.64	18.11	17.58	4.56
16	gi|4502167|ref|NP_000475.1|	511	525	3198	15.49	2.83	50.6	15.49	9.64	17.09	18.03	4.61
16	gi|4502167|ref|NP_000475.1|	512	526	3199	13.67	2.67	39.13	15.67	9.64	13.67	17.58	4.1
16	gi|4502167|ref|NP_000475.1|	513	527	3200	16.28	2.64	47.72	16.28	9.64	18	17.58	5.29
16	gi|4502167|ref|NP_000475.1|	514	528	3201	19.16	3.6	52.43	19.16	9.64	23.82	21.98	8.97
16	gi|4502167|ref|NP_000475.1|	520	534	3202	8.92	13.71	11.79	8.33	8.22	18.71	0.68	8.92
16	gi|4502167|ref|NP_000475.1|	521	535	3203	8.92	13.38	13.07	8.14	7.99	8.92	0.68	8.92
16	gi|4502167|ref|NP_000475.1|	522	536	3204	7.63	12.45	11.24	8.52	7.26	5.25	0.74	7.63
16	gi|4502167|ref|NP_000475.1|	523	537	3205	6.17	12.03	6.17	8.96	6.62	4.54	0.71	5.63
16	gi|4502167|ref|NP_000475.1|	524	538	3206	6.58	4.01	7.71	10.02	11.15	5.23	2.64	6.58
16	gi|4502167|ref|NP_000475.1|	525	539	3207	9.77	4.01	11.12	11.67	17.92	8.38	2.64	9.77
16	gi|4502167|ref|NP_000475.1|	526	540	3208	13.07	4.01	13.07	14.76	24.23	16.88	2.64	12.09
16	gi|4502167|ref|NP_000475.1|	527	541	3209	19.31	4.01	25.01	15.96	24.23	19.31	8.43	24.02
16	gi|4502167|ref|NP_000475.1|	528	542	3210	7.9	4.01	23.29	7.9	24.23	22.04	4.42	4.06

Table 2

16	gi|4502167|ref|NP_000475.1|	529	543	3211	9.43	4.01	31.64	9.43	41.99	22.17	4.94	4.04
16	gi|4502167|ref|NP_000475.1|	530	544	3212	8.85	4.01	40.87	8.85	41.99	18.64	2.53	3.57
16	gi|4502167|ref|NP_000475.1|	531	545	3213	10.09	10.09	20.24	8.57	41.99	12.63	1.87	3.28
16	gi|4502167|ref|NP_000475.1|	532	546	3214	8.77	13	22.7	8.57	41.99	8.77	1.41	3.19
16	gi|4502167|ref|NP_000475.1|	533	547	3215	13	13	14.15	14.6	40.18	5.12	1.14	4.79
16	gi|4502167|ref|NP_000475.1|	534	548	3216	11.97	13	11.97	14.15	35.9	3.88	1.35	4.64
16	gi|4502167|ref|NP_000475.1|	535	549	3217	5.42	4.11	1.43	9.62	30.92	1.92	9.57	5.42
16	gi|4502167|ref|NP_000475.1|	536	550	3218	5.42	3.51	2.03	10.16	30.01	1.78	11.64	5.42
16	gi|4502167|ref|NP_000475.1|	537	551	3219	5.42	3.08	2.41	11.09	34.2	1.65	14.95	5.42
16	gi|4502167|ref|NP_000475.1|	538	552	3220	5.42	4.12	3.64	11.54	36.83	2.96	22.74	5.42
16	gi|4502167|ref|NP_000475.1|	539	553	3221	7.21	7.21	4.86	6.95	15.17	5.51	9.49	9.44
16	gi|4502167|ref|NP_000475.1|	540	554	3222	7.81	7.21	6.64	6.95	15.17	7.81	11.64	9.44
16	gi|4502167|ref|NP_000475.1|	541	555	3223	9.44	4.37	10.26	5.83	15.17	9.14	17.08	9.44
16	gi|4502167|ref|NP_000475.1|	542	556	3224	9.97	4.37	27.37	6.95	15.17	6.6	18.43	9.97
16	gi|4502167|ref|NP_000475.1|	543	557	3225	9.97	4.37	27.37	6.95	15.17	6.04	16.8	9.97
16	gi|4502167|ref|NP_000475.1|	544	558	3226	10.26	4.37	27.37	7.35	15.17	5.44	15.7	10.26
16	gi|4502167|ref|NP_000475.1|	545	559	3227	10.43	4.37	27.37	8.12	15.17	7.62	15.88	10.43
16	gi|4502167|ref|NP_000475.1|	546	560	3228	19.23	4.37	27.37	15.53	19.23	14.61	35.21	20.31
16	gi|4502167|ref|NP_000475.1|	571	585	3229	17.93	8.84	47.61	17.93	17.64	53.49	38.61	3.19
16	gi|4502167|ref|NP_000475.1|	573	587	3230	17.93	8.84	37.07	17.93	72.64	30.74	16.17	3.19
16	gi|4502167|ref|NP_000475.1|	574	588	3231	16.74	2.7	41.68	12.67	20.36	16.74	16.75	3.19
16	gi|4502167|ref|NP_000475.1|	575	589	3232	12.74	1.95	48.66	12.74	20.08	12.07	16.92	3.19
16	gi|4502167|ref|NP_000475.1|	576	590	3233	15.57	1.24	51.93	19.71	18.52	12.05	15.57	3.19
16	gi|4502167|ref|NP_000475.1|	577	591	3234	15.74	0.98	59.29	26.33	15.74	21.62	15.51	3.19
16	gi|4502167|ref|NP_000475.1|	618	632	3235	19.31	4.45	30.38	19.31	1.79	56.45	64.47	18.28
16	gi|4502167|ref|NP_000475.1|	673	687	3236	19.12	3.22	28.72	24.95	0.07	19.12	83.87	7.03
16	gi|4502167|ref|NP_000475.1|	674	688	3237	12.81	11.48	12.81	42.92	0.19	27.43	40.49	12.22
16	gi|4502167|ref|NP_000475.1|	675	689	3238	9.29	9.29	3.98	32.48	0.46	44.24	30.06	8.19
16	gi|4502167|ref|NP_000475.1|	677	691	3239	14.99	9.11	6.05	25.05	9.77	31.37	14.99	18.44
16	gi|4502167|ref|NP_000475.1|	678	692	3240	9.11	9.11	6.05	24.14	9.01	23.96	8.55	18.44
16	gi|4502167|ref|NP_000475.1|	679	693	3241	10.34	9.08	7.21	24.37	10.32	23.4	10.34	18.44
16	gi|4502167|ref|NP_000475.1|	680	694	3242	14.91	11.16	14.91	27.27	10.57	29.31	10.95	18.44
16	gi|4502167|ref|NP_000475.1|	681	695	3243	18.44	26.46	15.21	19.25	12.71	41.47	12.26	18.44
16	gi|4502167|ref|NP_000475.1|	685	699	3244	16.6	16.6	62.93	15.93	14.8	31.68	13.21	19.08
16	gi|4502167|ref|NP_000475.1|	686	700	3245	19.25	16.6	64.29	19.25	14.88	26.04	31.02	19.08
16	gi|4502167|ref|NP_000475.1|	704	718	3246	13.71	0.58	4.71	12.8	29.11	86.85	13.71	15.33
16	gi|4502167|ref|NP_000475.1|	705	719	3247	13.71	0.53	4.71	12.46	28.51	86.23	13.71	15.28
16	gi|4502167|ref|NP_000475.1|	706	720	3248	12.04	0.5	4.71	11.23	27.22	84.85	13.71	12.04
16	gi|4502167|ref|NP_000475.1|	707	721	3249	12.62	0.47	4.71	11.07	26.74	85.44	13.71	12.62
16	gi|4502167|ref|NP_000475.1|	708	722	3250	11.6	0.48	4.71	11.6	30.14	88.23	13.71	11.08
16	gi|4502167|ref|NP_000475.1|	709	723	3251	11.66	1.57	4.71	6.92	36.05	90.79	13.71	11.66
16	gi|4502167|ref|NP_000475.1|	710	724	3252	4.71	0.06	4.71	6.15	36.05	75.39	0.38	1.61
16	gi|4502167|ref|NP_000475.1|	711	725	3253	6.44	0.36	10.24	6.44	47.3	59.93	0.46	0.71
16	gi|4502167|ref|NP_000475.1|	712	726	3254	6.36	0.36	10.24	6.36	49.29	44.95	0.69	0.59
16	gi|4502167|ref|NP_000475.1|	713	727	3255	7.12	0.36	31.67	7.12	49.81	38.74	0.81	0.59
16	gi|4502167|ref|NP_000475.1|	714	728	3256	5.02	0.36	31.67	5.02	52.53	24.7	1.88	0.53
16	gi|4502167|ref|NP_000475.1|	715	729	3257	3.93	0.44	31.67	3.93	55.21	20.92	1.42	0.64
16	gi|4502167|ref|NP_000475.1|	716	730	3258	3.95	0.45	31.67	3.95	57.48	20.46	1.92	1.01

Table 2

16	gi|4502167|ref|NP_000475.1|	717	731	3259	10.73	1.58	40.59	5.11	74.57	18.31	10.73	1.48
16	gi|4502167|ref|NP_000475.1|	718	732	3260	10.73	1.61	42.98	5.34	73.68	18.38	10.73	1.87
16	gi|4502167|ref|NP_000475.1|	719	733	3261	10.73	3.09	13.92	5.18	74.57	20.72	10.73	5.05
16	gi|4502167|ref|NP_000475.1|	720	734	3262	10.73	6.38	12.84	7.57	74.57	28.02	10.73	5.62
16	gi|4502167|ref|NP_000475.1|	721	735	3263	13.69	13.69	12.23	11.32	74.57	31.77	10.73	20.38
16	gi|4502167|ref|NP_000475.1|	722	736	3264	12.88	64.98	3.95	12.37	26.69	26.25	12.88	9.44
16	gi|4502167|ref|NP_000475.1|	723	737	3265	13.73	67.93	5.68	13.28	25.32	26.38	13.73	9.44
17	gi|41406055|ref|NP_958816.1|	1	15	3266	18.16	8.01	18.16	1.76	30.04	83.52	22.59	4.48
17	gi|41406055|ref|NP_958816.1|	2	16	3267	18.16	10.25	18.16	3.14	30.04	46.47	22.59	3.73
17	gi|41406055|ref|NP_958816.1|	3	17	3268	11.22	7.76	17.78	3.04	30.04	11.22	22.59	3.73
17	gi|41406055|ref|NP_958816.1|	4	18	3269	3.91	7.76	2.93	1.7	30.04	3.91	22.59	3.73
17	gi|41406055|ref|NP_958816.1|	5	19	3270	3.73	7.76	2.96	1.48	30.04	3.46	22.59	3.73
17	gi|41406055|ref|NP_958816.1|	6	20	3271	3.79	7.76	3.79	2.03	30.04	3.04	22.59	3.73
17	gi|41406055|ref|NP_958816.1|	7	21	3272	4.22	7.76	3.93	2.3	30.04	4.22	23.68	3.73
17	gi|41406055|ref|NP_958816.1|	8	22	3273	8.31	8.1	4.48	14.24	58.84	8.31	23.68	3.73
17	gi|41406055|ref|NP_958816.1|	34	48	3274	18.62	24.06	28.98	5.12	18.62	23.66	16.9	8.92
17	gi|41406055|ref|NP_958816.1|	37	51	3275	14.42	14.1	54.84	14.42	37.39	39.74	12.13	8.76
17	gi|41406055|ref|NP_958816.1|	66	80	3276	18.29	16.6	64.66	12.95	18.29	56.31	13.37	35.44
17	gi|41406055|ref|NP_958816.1|	67	81	3277	18.84	16.6	33.45	14.34	18.84	48.26	14.15	30.45
17	gi|41406055|ref|NP_958816.1|	68	82	3278	17.62	16.6	30.85	16.37	17.62	40.81	15.31	31.24
17	gi|41406055|ref|NP_958816.1|	109	123	3279	10.16	2.99	13.19	10.16	9	29.28	53.52	6.18
17	gi|41406055|ref|NP_958816.1|	110	124	3280	10.98	7.14	16.42	10.98	10.28	24.39	56.2	6.18
17	gi|41406055|ref|NP_958816.1|	111	125	3281	16.77	8.11	21.67	16.77	10.87	30.78	56.2	6.18
17	gi|41406055|ref|NP_958816.1|	112	126	3282	17.1	9.33	25.26	17.1	12.55	27.72	55.94	6.18
17	gi|41406055|ref|NP_958816.1|	113	127	3283	19.36	8.19	29.53	15.71	19.36	25.22	36.02	6.18
17	gi|41406055|ref|NP_958816.1|	129	143	3284	17.8	4.29	24.31	36.78	12.18	32.66	8.07	17.8
17	gi|41406055|ref|NP_958816.1|	130	144	3285	17.32	4.29	25.76	36.02	11.35	23.97	6.23	17.32
17	gi|41406055|ref|NP_958816.1|	131	145	3286	17.8	4.29	29.79	37.43	11.07	23.67	5.06	17.8
17	gi|41406055|ref|NP_958816.1|	132	146	3287	17.8	4.29	32.48	40.72	11.35	22.19	5.42	17.8
17	gi|41406055|ref|NP_958816.1|	133	147	3288	17.8	4.29	40.04	41.82	14.57	30.01	5.57	17.8
17	gi|41406055|ref|NP_958816.1|	433	447	3289	12.65	11.59	2.41	14.19	46.57	27.82	12.65	9.33
17	gi|41406055|ref|NP_958816.1|	434	448	3290	11.59	11.59	4.17	16.75	46.57	40.08	11.18	9.61
17	gi|41406055|ref|NP_958816.1|	438	452	3291	19.49	11.59	36.71	28.21	27.6	19.49	17.89	7.03
17	gi|41406055|ref|NP_958816.1|	440	454	3292	18.08	1.01	36.71	24.99	18.08	6.83	23.85	10.53
17	gi|41406055|ref|NP_958816.1|	441	455	3293	16.28	1.01	36.71	35.76	16.28	7.73	23.85	10.53
17	gi|41406055|ref|NP_958816.1|	442	456	3294	15.4	0.9	36.71	36.34	15.4	10.75	23.85	10.53
17	gi|41406055|ref|NP_958816.1|	455	469	3295	11.41	11.41	18.91	23.45	44.73	9.3	6.83	0.11
17	gi|41406055|ref|NP_958816.1|	456	470	3296	11.41	11.41	20.11	23.45	44.73	6.3	7.29	0.11
17	gi|41406055|ref|NP_958816.1|	457	471	3297	11.41	11.41	16.69	23.45	44.73	4.98	10.28	0.11
17	gi|41406055|ref|NP_958816.1|	458	472	3298	11.41	11.41	15.27	14.17	44.73	5.89	10.96	0.11
17	gi|41406055|ref|NP_958816.1|	459	473	3299	15.33	11.41	19.44	15.33	50.74	10.6	27.94	0.11
17	gi|41406055|ref|NP_958816.1|	465	479	3300	17.2	10.76	38.78	10.24	24.36	17.2	29.26	5.51
17	gi|41406055|ref|NP_958816.1|	466	480	3301	6.09	4.5	38.78	5.93	23.79	6.09	23.25	0.17
17	gi|41406055|ref|NP_958816.1|	467	481	3302	4.84	4.48	38.78	4.84	23.35	2.92	19.97	0.17
17	gi|41406055|ref|NP_958816.1|	468	482	3303	5.12	4.35	44.09	5.12	29.04	3.31	14.99	0.17
17	gi|41406055|ref|NP_958816.1|	469	483	3304	4.21	4.21	49.35	3.7	34.21	3.6	14.15	0.17
17	gi|41406055|ref|NP_958816.1|	470	484	3305	6.05	5.77	36.41	3.7	37.22	6.05	14.15	0.17
17	gi|41406055|ref|NP_958816.1|	471	485	3306	11.72	11.72	40.88	8.57	37.22	10.69	14.15	0.17

Table 2

17	gi|41406055|ref|NP_958816.1|	472	486	3307	14.15	2.97	42.7	10.62	58.75	20.99	14.15	0.17
17	gi|41406055|ref|NP_958816.1|	485	499	3308	18.35	15.86	6.48	15.75	24.93	21.82	18.35	21.62
17	gi|41406055|ref|NP_958816.1|	486	500	3309	16.16	14.8	7.06	16.16	24.75	21.11	13.95	21.62
17	gi|41406055|ref|NP_958816.1|	487	501	3310	16.53	15.33	7.19	16.53	23.94	23.36	11.06	21
17	gi|41406055|ref|NP_958816.1|	489	503	3311	16.89	29.92	13.26	11.54	9.64	27.69	16.89	21
17	gi|41406055|ref|NP_958816.1|	490	504	3312	13.07	7.66	17.05	13.07	9.64	24.16	14.58	4.44
17	gi|41406055|ref|NP_958816.1|	491	505	3313	14.78	2.85	25.54	14.78	9.64	18.11	17.58	4.56
17	gi|41406055|ref|NP_958816.1|	492	506	3314	15.49	2.83	50.6	15.49	9.64	17.09	18.03	4.61
17	gi|41406055|ref|NP_958816.1|	493	507	3315	13.67	2.67	39.13	15.67	9.64	13.67	17.58	4.1
17	gi|41406055|ref|NP_958816.1|	494	508	3316	16.28	2.64	47.72	16.28	9.64	18	17.58	5.29
17	gi|41406055|ref|NP_958816.1|	495	509	3317	19.16	3.6	52.43	19.16	9.64	23.82	21.98	8.97
17	gi|41406055|ref|NP_958816.1|	501	515	3318	8.92	13.71	11.79	8.33	8.22	18.71	0.68	8.92
17	gi|41406055|ref|NP_958816.1|	502	516	3319	8.92	13.38	13.07	8.14	7.99	8.92	0.68	8.92
17	gi|41406055|ref|NP_958816.1|	503	517	3320	7.63	12.45	11.24	8.52	7.26	5.25	0.74	7.63
17	gi|41406055|ref|NP_958816.1|	504	518	3321	6.17	12.03	6.17	8.96	6.62	4.54	0.71	5.63
17	gi|41406055|ref|NP_958816.1|	505	519	3322	6.58	4.01	7.71	10.02	11.15	5.23	2.64	6.58
17	gi|41406055|ref|NP_958816.1|	506	520	3323	9.77	4.01	11.12	11.67	17.92	8.38	2.64	9.77
17	gi|41406055|ref|NP_958816.1|	507	521	3324	13.07	4.01	13.07	14.76	24.23	16.88	2.64	12.09
17	gi|41406055|ref|NP_958816.1|	508	522	3325	19.31	4.01	25.01	15.96	24.23	19.31	8.43	24.02
17	gi|41406055|ref|NP_958816.1|	509	523	3326	7.9	4.01	23.29	7.9	24.23	22.04	4.42	4.06
17	gi|41406055|ref|NP_958816.1|	510	524	3327	9.43	4.01	31.64	9.43	41.99	22.17	4.94	4.04
17	gi|41406055|ref|NP_958816.1|	511	525	3328	8.85	4.01	40.87	8.85	41.99	18.64	2.53	3.57
17	gi|41406055|ref|NP_958816.1|	512	526	3329	10.09	10.09	20.24	8.57	41.99	12.63	1.87	3.28
17	gi|41406055|ref|NP_958816.1|	513	527	3330	8.77	13	22.7	8.57	41.99	8.77	1.41	3.19
17	gi|41406055|ref|NP_958816.1|	514	528	3331	13	13	14.15	14.6	40.18	5.12	1.14	4.79
17	gi|41406055|ref|NP_958816.1|	515	529	3332	11.97	13	11.97	14.15	35.9	3.88	1.35	4.64
17	gi|41406055|ref|NP_958816.1|	516	530	3333	5.42	4.11	1.43	9.62	30.92	1.92	9.57	5.42
17	gi|41406055|ref|NP_958816.1|	517	531	3334	5.42	3.51	2.03	10.16	30.01	1.78	11.64	5.42
17	gi|41406055|ref|NP_958816.1|	518	532	3335	5.42	3.08	2.41	11.09	34.2	1.65	14.95	5.42
17	gi|41406055|ref|NP_958816.1|	519	533	3336	5.42	4.12	3.64	11.54	36.83	2.96	22.74	5.42
17	gi|41406055|ref|NP_958816.1|	520	534	3337	7.21	7.21	4.86	6.95	15.17	5.51	9.49	9.44
17	gi|41406055|ref|NP_958816.1|	521	535	3338	7.81	7.21	6.64	6.95	15.17	7.81	11.64	9.44
17	gi|41406055|ref|NP_958816.1|	522	536	3339	9.44	4.37	10.26	5.83	15.17	9.14	17.08	9.44
17	gi|41406055|ref|NP_958816.1|	523	537	3340	9.97	4.37	27.37	6.95	15.17	6.6	18.43	9.97
17	gi|41406055|ref|NP_958816.1|	524	538	3341	9.97	4.37	27.37	6.95	15.17	6.04	16.8	9.97
17	gi|41406055|ref|NP_958816.1|	525	539	3342	10.26	4.37	27.37	7.35	15.17	5.44	15.7	10.26
17	gi|41406055|ref|NP_958816.1|	526	540	3343	10.43	4.37	27.37	8.12	15.17	7.62	15.88	10.43
17	gi|41406055|ref|NP_958816.1|	527	541	3344	19.23	4.37	27.37	15.53	19.23	14.61	35.21	20.31
17	gi|41406055|ref|NP_958816.1|	552	566	3345	17.93	8.84	47.61	17.93	17.64	53.49	38.61	3.19
17	gi|41406055|ref|NP_958816.1|	554	568	3346	17.93	8.84	37.07	17.93	72.64	30.74	16.17	3.19
17	gi|41406055|ref|NP_958816.1|	555	569	3347	16.74	2.7	41.68	12.67	20.36	16.74	16.75	3.19
17	gi|41406055|ref|NP_958816.1|	556	570	3348	12.74	1.95	48.66	12.74	20.08	12.07	16.92	3.19
17	gi|41406055|ref|NP_958816.1|	557	571	3349	15.57	1.24	51.93	19.71	18.52	12.05	15.57	3.19
17	gi|41406055|ref|NP_958816.1|	558	572	3350	15.74	0.98	59.29	26.33	15.74	21.62	15.51	3.19
17	gi|41406055|ref|NP_958816.1|	599	613	3351	19.31	4.45	30.38	19.31	1.79	56.45	64.47	18.28
17	gi|41406055|ref|NP_958816.1|	654	668	3352	19.12	3.22	28.72	24.95	0.07	19.12	83.87	7.03
17	gi|41406055|ref|NP_958816.1|	655	669	3353	12.81	11.48	12.81	42.92	0.19	27.43	40.49	12.22
17	gi|41406055|ref|NP_958816.1|	656	670	3354	9.29	9.29	3.98	32.48	0.46	44.24	30.06	8.19

Table 2

17	gi|41406055|ref|NP_958816.1|	658	672	3355	14.99	9.11	6.05	25.05	9.77	31.37	14.99	18.44
17	gi|41406055|ref|NP_958816.1|	659	673	3356	9.11	9.11	6.05	24.14	9.01	23.96	8.55	18.44
17	gi|41406055|ref|NP_958816.1|	660	674	3357	10.34	9.08	7.21	24.37	10.32	23.4	10.34	18.44
17	gi|41406055|ref|NP_958816.1|	661	675	3358	14.91	11.16	14.91	27.27	10.57	29.31	10.95	18.44
17	gi|41406055|ref|NP_958816.1|	662	676	3359	18.44	26.46	15.21	19.25	12.71	41.47	12.26	18.44
17	gi|41406055|ref|NP_958816.1|	666	680	3360	16.6	16.6	62.93	15.93	14.8	31.68	13.21	19.08
17	gi|41406055|ref|NP_958816.1|	667	681	3361	19.25	16.6	64.29	19.25	14.88	26.04	31.02	19.08
17	gi|41406055|ref|NP_958816.1|	685	699	3362	13.71	0.58	4.71	12.8	29.11	86.85	13.71	15.33
17	gi|41406055|ref|NP_958816.1|	686	700	3363	13.71	0.53	4.71	12.46	28.51	86.23	13.71	15.28
17	gi|41406055|ref|NP_958816.1|	687	701	3364	12.04	0.5	4.71	11.23	27.22	84.85	13.71	12.04
17	gi|41406055|ref|NP_958816.1|	688	702	3365	12.62	0.47	4.71	11.07	26.74	85.44	13.71	12.62
17	gi|41406055|ref|NP_958816.1|	689	703	3366	11.6	0.48	4.71	11.6	30.14	88.23	13.71	11.08
17	gi|41406055|ref|NP_958816.1|	690	704	3367	11.66	1.57	4.71	6.92	36.05	90.79	13.71	11.66
17	gi|41406055|ref|NP_958816.1|	691	705	3368	4.71	0.06	4.71	6.15	36.05	75.39	0.38	1.61
17	gi|41406055|ref|NP_958816.1|	692	706	3369	6.44	0.36	10.24	6.44	47.3	59.93	0.46	0.71
17	gi|41406055|ref|NP_958816.1|	693	707	3370	6.36	0.36	10.24	6.36	49.29	44.95	0.69	0.59
17	gi|41406055|ref|NP_958816.1|	694	708	3371	7.12	0.36	31.67	7.12	49.81	38.74	0.81	0.59
17	gi|41406055|ref|NP_958816.1|	695	709	3372	5.02	0.36	31.67	5.02	52.53	24.7	1.88	0.53
17	gi|41406055|ref|NP_958816.1|	696	710	3373	3.93	0.44	31.67	3.93	55.21	20.92	1.42	0.64
17	gi|41406055|ref|NP_958816.1|	697	711	3374	3.95	0.45	31.67	3.95	57.48	20.46	1.92	1.01
17	gi|41406055|ref|NP_958816.1|	698	712	3375	10.73	1.58	40.59	5.11	74.57	18.31	10.73	1.48
17	gi|41406055|ref|NP_958816.1|	699	713	3376	10.73	1.61	42.98	5.34	73.68	18.38	10.73	1.87
17	gi|41406055|ref|NP_958816.1|	700	714	3377	10.73	3.09	13.92	5.18	74.57	20.72	10.73	5.05
17	gi|41406055|ref|NP_958816.1|	701	715	3378	10.73	6.38	12.84	7.57	74.57	28.02	10.73	5.62
17	gi|41406055|ref|NP_958816.1|	702	716	3379	13.69	13.69	12.23	11.32	74.57	31.77	10.73	20.38
17	gi|41406055|ref|NP_958816.1|	703	717	3380	12.88	64.98	3.95	12.37	26.69	26.25	12.88	9.44
17	gi|41406055|ref|NP_958816.1|	704	718	3381	13.73	67.93	5.68	13.28	25.32	26.38	13.73	9.44
18	gi|41406057|ref|NP_958817.1|	1	15	3382	18.16	8.01	18.16	1.76	30.04	83.52	22.59	4.48
18	gi|41406057|ref|NP_958817.1|	2	16	3383	18.16	10.25	18.16	3.14	30.04	46.47	22.59	3.73
18	gi|41406057|ref|NP_958817.1|	3	17	3384	11.22	7.76	17.78	3.04	30.04	11.22	22.59	3.73
18	gi|41406057|ref|NP_958817.1|	4	18	3385	3.91	7.76	2.93	1.7	30.04	3.91	22.59	3.73
18	gi|41406057|ref|NP_958817.1|	5	19	3386	3.73	7.76	2.96	1.48	30.04	3.46	22.59	3.73
18	gi|41406057|ref|NP_958817.1|	6	20	3387	3.79	7.76	3.79	2.03	30.04	3.04	22.59	3.73
18	gi|41406057|ref|NP_958817.1|	7	21	3388	4.22	7.76	3.93	2.3	30.04	4.22	23.68	3.73
18	gi|41406057|ref|NP_958817.1|	8	22	3389	8.31	8.1	4.48	14.24	58.84	8.31	23.68	3.73
18	gi|41406057|ref|NP_958817.1|	34	48	3390	18.62	24.06	28.98	5.12	18.62	23.66	16.9	8.92
18	gi|41406057|ref|NP_958817.1|	37	51	3391	14.42	14.1	54.84	14.42	37.39	39.74	12.13	8.76
18	gi|41406057|ref|NP_958817.1|	66	80	3392	18.29	16.6	64.66	12.95	18.29	56.31	13.37	35.44
18	gi|41406057|ref|NP_958817.1|	67	81	3393	18.84	16.6	33.45	14.34	18.84	48.26	14.15	30.45
18	gi|41406057|ref|NP_958817.1|	68	82	3394	17.62	16.6	30.85	16.37	17.62	40.81	15.31	31.24
18	gi|41406057|ref|NP_958817.1|	109	123	3395	10.16	2.99	13.19	10.16	9	29.28	53.52	6.18
18	gi|41406057|ref|NP_958817.1|	110	124	3396	10.98	7.14	16.42	10.98	10.28	24.39	56.2	6.18
18	gi|41406057|ref|NP_958817.1|	111	125	3397	16.77	8.11	21.67	16.77	10.87	30.78	56.2	6.18
18	gi|41406057|ref|NP_958817.1|	112	126	3398	17.1	9.33	25.26	17.1	12.55	27.72	55.94	6.18
18	gi|41406057|ref|NP_958817.1|	113	127	3399	19.36	8.19	29.53	15.71	19.36	25.22	36.02	6.18
18	gi|41406057|ref|NP_958817.1|	129	143	3400	17.8	4.29	24.31	36.78	12.18	32.66	8.07	17.8
18	gi|41406057|ref|NP_958817.1|	130	144	3401	17.32	4.29	25.76	36.02	11.35	23.97	6.23	17.32
18	gi|41406057|ref|NP_958817.1|	131	145	3402	17.8	4.29	29.79	37.43	11.07	23.67	5.06	17.8

Table 2

18	gi|41406057|ref|NP_958817.1|	132	146	3403	17.8	4.29	32.48	40.72	11.35	22.19	5.42	17.8
18	gi|41406057|ref|NP_958817.1|	133	147	3404	17.8	4.29	40.04	41.82	14.57	30.01	5.57	17.8
18	gi|41406057|ref|NP_958817.1|	377	391	3405	12.65	11.59	2.41	14.19	46.57	27.82	12.65	9.33
18	gi|41406057|ref|NP_958817.1|	378	392	3406	11.59	11.59	4.17	16.75	46.57	40.08	11.18	9.61
18	gi|41406057|ref|NP_958817.1|	382	396	3407	19.49	11.59	36.71	28.21	27.6	19.49	17.89	7.03
18	gi|41406057|ref|NP_958817.1|	384	398	3408	18.08	1.01	36.71	24.99	18.08	6.83	23.85	10.53
18	gi|41406057|ref|NP_958817.1|	385	399	3409	16.28	1.01	36.71	35.76	16.28	7.73	23.85	10.53
18	gi|41406057|ref|NP_958817.1|	386	400	3410	15.4	0.9	36.71	36.34	15.4	10.75	23.85	10.53
18	gi|41406057|ref|NP_958817.1|	399	413	3411	11.41	11.41	18.91	23.45	44.73	9.3	6.83	0.11
18	gi|41406057|ref|NP_958817.1|	400	414	3412	11.41	11.41	20.11	23.45	44.73	6.3	7.29	0.11
18	gi|41406057|ref|NP_958817.1|	401	415	3413	11.41	11.41	16.69	23.45	44.73	4.98	10.28	0.11
18	gi|41406057|ref|NP_958817.1|	402	416	3414	11.41	11.41	15.27	14.17	44.73	5.89	10.96	0.11
18	gi|41406057|ref|NP_958817.1|	403	417	3415	15.33	11.41	19.44	15.33	50.74	10.6	27.94	0.11
18	gi|41406057|ref|NP_958817.1|	409	423	3416	17.2	10.76	38.78	10.24	24.36	17.2	29.26	5.51
18	gi|41406057|ref|NP_958817.1|	410	424	3417	6.09	4.5	38.78	5.93	23.79	6.09	23.25	0.17
18	gi|41406057|ref|NP_958817.1|	411	425	3418	4.84	4.48	38.78	4.84	23.35	2.92	19.97	0.17
18	gi|41406057|ref|NP_958817.1|	412	426	3419	5.12	4.35	44.09	5.12	29.04	3.31	14.99	0.17
18	gi|41406057|ref|NP_958817.1|	413	427	3420	4.21	4.21	49.35	3.7	34.21	3.6	14.15	0.17
18	gi|41406057|ref|NP_958817.1|	414	428	3421	6.05	5.77	36.41	3.7	37.22	6.05	14.15	0.17
18	gi|41406057|ref|NP_958817.1|	415	429	3422	11.72	11.72	40.88	8.57	37.22	10.69	14.15	0.17
18	gi|41406057|ref|NP_958817.1|	416	430	3423	14.15	2.97	42.7	10.62	58.75	20.99	14.15	0.17
18	gi|41406057|ref|NP_958817.1|	429	443	3424	18.35	15.86	6.48	15.75	24.93	21.82	18.35	21.62
18	gi|41406057|ref|NP_958817.1|	430	444	3425	16.16	14.8	7.06	16.16	24.75	21.11	13.95	21.62
18	gi|41406057|ref|NP_958817.1|	431	445	3426	16.53	15.33	7.19	16.53	23.94	23.36	11.06	21
18	gi|41406057|ref|NP_958817.1|	433	447	3427	16.89	29.92	13.26	11.54	9.64	27.69	16.89	21
18	gi|41406057|ref|NP_958817.1|	434	448	3428	13.07	7.66	17.05	13.07	9.64	24.16	14.58	4.44
18	gi|41406057|ref|NP_958817.1|	435	449	3429	14.78	2.85	25.54	14.78	9.64	18.11	17.58	4.56
18	gi|41406057|ref|NP_958817.1|	436	450	3430	15.49	2.83	50.6	15.49	9.64	17.09	18.03	4.61
18	gi|41406057|ref|NP_958817.1|	437	451	3431	13.67	2.67	39.13	15.67	9.64	13.67	17.58	4.1
18	gi|41406057|ref|NP_958817.1|	438	452	3432	16.28	2.64	47.72	16.28	9.64	18	17.58	5.29
18	gi|41406057|ref|NP_958817.1|	439	453	3433	19.16	3.6	52.43	19.16	9.64	23.82	21.98	8.97
18	gi|41406057|ref|NP_958817.1|	445	459	3434	8.92	13.71	11.79	8.33	8.22	18.71	0.68	8.92
18	gi|41406057|ref|NP_958817.1|	446	460	3435	8.92	13.38	13.07	8.14	7.99	8.92	0.68	8.92
18	gi|41406057|ref|NP_958817.1|	447	461	3436	7.63	12.45	11.24	8.52	7.26	5.25	0.74	7.63
18	gi|41406057|ref|NP_958817.1|	448	462	3437	6.17	12.03	6.17	8.96	6.62	4.54	0.71	5.63
18	gi|41406057|ref|NP_958817.1|	449	463	3438	6.58	4.01	7.71	10.02	11.15	5.23	2.64	6.58
18	gi|41406057|ref|NP_958817.1|	450	464	3439	9.77	4.01	11.12	11.67	17.92	8.38	2.64	9.77
18	gi|41406057|ref|NP_958817.1|	451	465	3440	13.07	4.01	13.07	14.76	24.23	16.88	2.64	12.09
18	gi|41406057|ref|NP_958817.1|	452	466	3441	19.31	4.01	25.01	15.96	24.23	19.31	8.43	24.02
18	gi|41406057|ref|NP_958817.1|	453	467	3442	7.9	4.01	23.29	7.9	24.23	22.04	4.42	4.06
18	gi|41406057|ref|NP_958817.1|	454	468	3443	9.43	4.01	31.64	9.43	41.99	22.17	4.94	4.04
18	gi|41406057|ref|NP_958817.1|	455	469	3444	8.85	4.01	40.87	8.85	41.99	18.64	2.53	3.57
18	gi|41406057|ref|NP_958817.1|	456	470	3445	10.09	10.09	20.24	8.57	41.99	12.63	1.87	3.28
18	gi|41406057|ref|NP_958817.1|	457	471	3446	8.77	13	22.7	8.57	41.99	8.77	1.41	3.19
18	gi|41406057|ref|NP_958817.1|	458	472	3447	13	13	14.15	14.6	40.18	5.12	1.14	4.79
18	gi|41406057|ref|NP_958817.1|	459	473	3448	11.97	13	11.97	14.15	35.9	3.88	1.35	4.64
18	gi|41406057|ref|NP_958817.1|	460	474	3449	5.42	4.11	1.43	9.62	30.92	1.92	9.57	5.42
18	gi|41406057|ref|NP_958817.1|	461	475	3450	5.42	3.51	2.03	10.16	30.01	1.78	11.64	5.42

Table 2

18	gi|41406057|ref|NP_958817.1|	462	476	3451	5.42	3.08	2.41	11.09	34.2	1.65	14.95	5.42
18	gi|41406057|ref|NP_958817.1|	463	477	3452	5.42	4.12	3.64	11.54	36.83	2.96	22.74	5.42
18	gi|41406057|ref|NP_958817.1|	464	478	3453	7.21	7.21	4.86	6.95	15.17	5.51	9.49	9.44
18	gi|41406057|ref|NP_958817.1|	465	479	3454	7.81	7.21	6.64	6.95	15.17	7.81	11.64	9.44
18	gi|41406057|ref|NP_958817.1|	466	480	3455	9.44	4.37	10.26	5.83	15.17	9.14	17.08	9.44
18	gi|41406057|ref|NP_958817.1|	467	481	3456	9.97	4.37	27.37	6.95	15.17	6.6	18.43	9.97
18	gi|41406057|ref|NP_958817.1|	468	482	3457	9.97	4.37	27.37	6.95	15.17	6.04	16.8	9.97
18	gi|41406057|ref|NP_958817.1|	469	483	3458	10.26	4.37	27.37	7.35	15.17	5.44	15.7	10.26
18	gi|41406057|ref|NP_958817.1|	470	484	3459	10.43	4.37	27.37	8.12	15.17	7.62	15.88	10.43
18	gi|41406057|ref|NP_958817.1|	471	485	3460	19.23	4.37	27.37	15.53	19.23	14.61	35.21	20.31
18	gi|41406057|ref|NP_958817.1|	496	510	3461	17.93	8.84	47.61	17.93	17.64	53.49	38.61	3.19
18	gi|41406057|ref|NP_958817.1|	498	512	3462	17.93	8.84	37.07	17.93	72.64	30.74	16.17	3.19
18	gi|41406057|ref|NP_958817.1|	499	513	3463	16.74	2.7	41.68	12.67	20.36	16.74	16.75	3.19
18	gi|41406057|ref|NP_958817.1|	500	514	3464	12.74	1.95	48.66	12.74	20.08	12.07	16.92	3.19
18	gi|41406057|ref|NP_958817.1|	501	515	3465	15.57	1.24	51.93	19.71	18.52	12.05	15.57	3.19
18	gi|41406057|ref|NP_958817.1|	502	516	3466	15.74	0.98	59.29	26.33	15.74	21.62	15.51	3.19
18	gi|41406057|ref|NP_958817.1|	543	557	3467	19.31	4.45	30.38	19.31	1.79	56.45	64.47	18.28
18	gi|41406057|ref|NP_958817.1|	598	612	3468	19.12	3.22	28.72	24.95	0.07	19.12	83.87	7.03
18	gi|41406057|ref|NP_958817.1|	599	613	3469	12.81	11.48	12.81	42.92	0.19	27.43	40.49	12.22
18	gi|41406057|ref|NP_958817.1|	600	614	3470	9.29	9.29	3.98	32.48	0.46	44.24	30.06	8.19
18	gi|41406057|ref|NP_958817.1|	602	616	3471	14.99	9.11	6.05	25.05	9.77	31.37	14.99	18.44
18	gi|41406057|ref|NP_958817.1|	603	617	3472	9.11	9.11	6.05	24.14	9.01	23.96	8.55	18.44
18	gi|41406057|ref|NP_958817.1|	604	618	3473	10.34	9.08	7.21	24.37	10.32	23.4	10.34	18.44
18	gi|41406057|ref|NP_958817.1|	605	619	3474	14.91	11.16	14.91	27.27	10.57	29.31	10.95	18.44
18	gi|41406057|ref|NP_958817.1|	606	620	3475	18.44	26.46	15.21	19.25	12.71	41.47	12.26	18.44
18	gi|41406057|ref|NP_958817.1|	610	624	3476	16.6	16.6	62.93	15.93	14.8	31.68	13.21	19.08
18	gi|41406057|ref|NP_958817.1|	611	625	3477	19.25	16.6	64.29	19.25	14.88	26.04	31.02	19.08
18	gi|41406057|ref|NP_958817.1|	629	643	3478	13.71	0.58	4.71	12.8	29.11	86.85	13.71	15.33
18	gi|41406057|ref|NP_958817.1|	630	644	3479	13.71	0.53	4.71	12.46	28.51	86.23	13.71	15.28
18	gi|41406057|ref|NP_958817.1|	631	645	3480	12.04	0.5	4.71	11.23	27.22	84.85	13.71	12.04
18	gi|41406057|ref|NP_958817.1|	632	646	3481	12.62	0.47	4.71	11.07	26.74	85.44	13.71	12.62
18	gi|41406057|ref|NP_958817.1|	633	647	3482	11.6	0.48	4.71	11.6	30.14	88.23	13.71	11.08
18	gi|41406057|ref|NP_958817.1|	634	648	3483	11.66	1.57	4.71	6.92	36.05	90.79	13.71	11.66
18	gi|41406057|ref|NP_958817.1|	635	649	3484	4.71	0.06	4.71	6.15	36.05	75.39	0.38	1.61
18	gi|41406057|ref|NP_958817.1|	636	650	3485	6.44	0.36	10.24	6.44	47.3	59.93	0.46	0.71
18	gi|41406057|ref|NP_958817.1|	637	651	3486	6.36	0.36	10.24	6.36	49.29	44.95	0.69	0.59
18	gi|41406057|ref|NP_958817.1|	638	652	3487	7.12	0.36	31.67	7.12	49.81	38.74	0.81	0.59
18	gi|41406057|ref|NP_958817.1|	639	653	3488	5.02	0.36	31.67	5.02	52.53	24.7	1.88	0.53
18	gi|41406057|ref|NP_958817.1|	640	654	3489	3.93	0.44	31.67	3.93	55.21	20.92	1.42	0.64
18	gi|41406057|ref|NP_958817.1|	641	655	3490	3.95	0.45	31.67	3.95	57.48	20.46	1.92	1.01
18	gi|41406057|ref|NP_958817.1|	642	656	3491	10.73	1.58	40.59	5.11	74.57	18.31	10.73	1.48
18	gi|41406057|ref|NP_958817.1|	643	657	3492	10.73	1.61	42.98	5.34	73.68	18.38	10.73	1.87
18	gi|41406057|ref|NP_958817.1|	644	658	3493	10.73	3.09	13.92	5.18	74.57	20.72	10.73	5.05
18	gi|41406057|ref|NP_958817.1|	645	659	3494	10.73	6.38	12.84	7.57	74.57	28.02	10.73	5.62
18	gi|41406057|ref|NP_958817.1|	646	660	3495	13.69	13.69	12.23	11.32	74.57	31.77	10.73	20.38
18	gi|41406057|ref|NP_958817.1|	647	661	3496	12.88	64.98	3.95	12.37	26.69	26.25	12.88	9.44
18	gi|41406057|ref|NP_958817.1|	648	662	3497	13.73	67.93	5.68	13.28	25.32	26.38	13.73	9.44
19	gi|209915570|ref|NP_001129601.1|	1	15	3498	18.16	8.01	18.16	1.76	30.04	83.52	22.59	4.48

Table 2

19	gi|209915570|ref|NP_001129601.1|	2	16	3499	18.16	10.25	18.16	3.14	30.04	46.47	22.59	3.73
19	gi|209915570|ref|NP_001129601.1|	3	17	3500	11.22	7.76	17.78	3.04	30.04	11.22	22.59	3.73
19	gi|209915570|ref|NP_001129601.1|	4	18	3501	3.91	7.76	2.93	1.7	30.04	3.91	22.59	3.73
19	gi|209915570|ref|NP_001129601.1|	5	19	3502	3.73	7.76	2.96	1.48	30.04	3.46	22.59	3.73
19	gi|209915570|ref|NP_001129601.1|	6	20	3503	3.79	7.76	3.79	2.03	30.04	3.04	22.59	3.73
19	gi|209915570|ref|NP_001129601.1|	7	21	3504	4.09	7.76	3.72	2.28	30.04	4.09	23.68	3.73
19	gi|209915570|ref|NP_001129601.1|	8	22	3505	8.11	8.11	4.33	14.24	47.53	7.6	23.68	3.73
19	gi|209915570|ref|NP_001129601.1|	53	67	3506	10.16	2.99	13.19	10.16	9	29.28	53.52	6.18
19	gi|209915570|ref|NP_001129601.1|	54	68	3507	10.98	7.14	16.42	10.98	10.28	24.39	56.2	6.18
19	gi|209915570|ref|NP_001129601.1|	55	69	3508	16.77	8.11	21.67	16.77	10.87	30.78	56.2	6.18
19	gi|209915570|ref|NP_001129601.1|	56	70	3509	17.1	9.33	25.26	17.1	12.55	27.72	55.94	6.18
19	gi|209915570|ref|NP_001129601.1|	57	71	3510	19.36	8.19	29.53	15.71	19.36	25.22	36.02	6.18
19	gi|209915570|ref|NP_001129601.1|	73	87	3511	17.8	4.29	24.31	36.78	12.18	32.66	8.07	17.8
19	gi|209915570|ref|NP_001129601.1|	74	88	3512	17.32	4.29	25.76	36.02	11.35	23.97	6.23	17.32
19	gi|209915570|ref|NP_001129601.1|	75	89	3513	17.8	4.29	29.79	37.43	11.07	23.67	5.06	17.8
19	gi|209915570|ref|NP_001129601.1|	76	90	3514	17.8	4.29	32.48	40.72	11.35	22.19	5.42	17.8
19	gi|209915570|ref|NP_001129601.1|	77	91	3515	17.8	4.29	40.04	41.82	14.57	30.01	5.57	17.8
19	gi|209915570|ref|NP_001129601.1|	321	335	3516	12.65	11.59	2.41	14.19	46.57	27.82	12.65	9.33
19	gi|209915570|ref|NP_001129601.1|	322	336	3517	11.59	11.59	4.17	16.75	46.57	40.08	11.18	9.61
19	gi|209915570|ref|NP_001129601.1|	326	340	3518	19.49	11.59	36.71	28.21	27.6	19.49	17.89	7.03
19	gi|209915570|ref|NP_001129601.1|	328	342	3519	18.08	1.01	36.71	24.99	18.08	6.83	23.85	10.53
19	gi|209915570|ref|NP_001129601.1|	329	343	3520	16.28	1.01	36.71	35.76	16.28	7.73	23.85	10.53
19	gi|209915570|ref|NP_001129601.1|	330	344	3521	15.4	0.9	36.71	36.34	15.4	10.75	23.85	10.53
19	gi|209915570|ref|NP_001129601.1|	343	357	3522	11.41	11.41	18.91	23.45	44.73	9.3	6.83	0.11
19	gi|209915570|ref|NP_001129601.1|	344	358	3523	11.41	11.41	20.11	23.45	44.73	6.3	7.29	0.11
19	gi|209915570|ref|NP_001129601.1|	345	359	3524	11.41	11.41	16.69	23.45	44.73	4.98	10.28	0.11
19	gi|209915570|ref|NP_001129601.1|	346	360	3525	11.41	11.41	15.27	14.17	44.73	5.89	10.96	0.11
19	gi|209915570|ref|NP_001129601.1|	347	361	3526	15.33	11.41	19.44	15.33	50.74	10.6	27.94	0.11
19	gi|209915570|ref|NP_001129601.1|	353	367	3527	17.2	10.76	38.78	10.24	24.36	17.2	29.26	5.51
19	gi|209915570|ref|NP_001129601.1|	354	368	3528	6.09	4.5	38.78	5.93	23.79	6.09	23.25	0.17
19	gi|209915570|ref|NP_001129601.1|	355	369	3529	4.84	4.48	38.78	4.84	23.35	2.92	19.97	0.17
19	gi|209915570|ref|NP_001129601.1|	356	370	3530	5.12	4.35	44.09	5.12	29.04	3.31	14.99	0.17
19	gi|209915570|ref|NP_001129601.1|	357	371	3531	4.21	4.21	49.35	3.7	34.21	3.6	14.15	0.17
19	gi|209915570|ref|NP_001129601.1|	358	372	3532	6.05	5.77	36.41	3.7	37.22	6.05	14.15	0.17
19	gi|209915570|ref|NP_001129601.1|	359	373	3533	11.72	11.72	40.88	8.57	37.22	10.69	14.15	0.17
19	gi|209915570|ref|NP_001129601.1|	360	374	3534	14.15	2.97	42.7	10.62	58.75	20.99	14.15	0.17
19	gi|209915570|ref|NP_001129601.1|	373	387	3535	18.35	15.86	6.48	15.75	24.93	21.82	18.35	21.62
19	gi|209915570|ref|NP_001129601.1|	374	388	3536	16.16	14.8	7.06	16.16	24.75	21.11	13.95	21.62
19	gi|209915570|ref|NP_001129601.1|	375	389	3537	16.53	15.33	7.19	16.53	23.94	23.36	11.06	21
19	gi|209915570|ref|NP_001129601.1|	377	391	3538	16.89	29.92	13.26	11.54	9.64	27.69	16.89	21
19	gi|209915570|ref|NP_001129601.1|	378	392	3539	13.07	7.66	17.05	13.07	9.64	24.16	14.58	4.44
19	gi|209915570|ref|NP_001129601.1|	379	393	3540	14.78	2.85	25.54	14.78	9.64	18.11	17.58	4.56
19	gi|209915570|ref|NP_001129601.1|	380	394	3541	15.49	2.83	50.6	15.49	9.64	17.09	18.03	4.61
19	gi|209915570|ref|NP_001129601.1|	381	395	3542	13.67	2.67	39.13	15.67	9.64	13.67	17.58	4.1
19	gi|209915570|ref|NP_001129601.1|	382	396	3543	16.28	2.64	47.72	16.28	9.64	18	17.58	5.29
19	gi|209915570|ref|NP_001129601.1|	383	397	3544	19.16	3.6	52.43	19.16	9.64	23.82	21.98	8.97
19	gi|209915570|ref|NP_001129601.1|	389	403	3545	8.92	13.71	11.79	8.33	8.22	18.71	0.68	8.92
19	gi|209915570|ref|NP_001129601.1|	390	404	3546	8.92	13.38	13.07	8.14	7.99	8.92	0.68	8.92

Table 2

19	gi|209915570|ref|NP_001129601.1|	391	405	3547	7.63	12.45	11.24	8.52	7.26	5.25	0.74	7.63
19	gi|209915570|ref|NP_001129601.1|	392	406	3548	6.17	12.03	6.17	8.96	6.62	4.54	0.71	5.63
19	gi|209915570|ref|NP_001129601.1|	393	407	3549	6.58	4.01	7.71	10.02	11.15	5.23	2.64	6.58
19	gi|209915570|ref|NP_001129601.1|	394	408	3550	9.77	4.01	11.12	11.67	17.92	8.38	2.64	9.77
19	gi|209915570|ref|NP_001129601.1|	395	409	3551	13.07	4.01	13.07	14.76	24.23	16.88	2.64	12.09
19	gi|209915570|ref|NP_001129601.1|	396	410	3552	19.31	4.01	25.01	15.96	24.23	19.31	8.43	24.02
19	gi|209915570|ref|NP_001129601.1|	397	411	3553	7.9	4.01	23.29	7.9	24.23	22.04	4.42	4.06
19	gi|209915570|ref|NP_001129601.1|	398	412	3554	9.43	4.01	31.64	9.43	41.99	22.17	4.94	4.04
19	gi|209915570|ref|NP_001129601.1|	399	413	3555	8.85	4.01	40.87	8.85	41.99	18.64	2.53	3.57
19	gi|209915570|ref|NP_001129601.1|	400	414	3556	10.09	10.09	20.24	8.57	41.99	12.63	1.87	3.28
19	gi|209915570|ref|NP_001129601.1|	401	415	3557	8.77	13	22.7	8.57	41.99	8.77	1.41	3.19
19	gi|209915570|ref|NP_001129601.1|	402	416	3558	13	13	14.15	14.6	40.18	5.12	1.14	4.79
19	gi|209915570|ref|NP_001129601.1|	403	417	3559	11.97	13	11.97	14.15	35.9	3.88	1.35	4.64
19	gi|209915570|ref|NP_001129601.1|	404	418	3560	5.42	4.11	1.43	9.62	30.92	1.92	9.57	5.42
19	gi|209915570|ref|NP_001129601.1|	405	419	3561	5.42	3.51	2.03	10.16	30.01	1.78	11.64	5.42
19	gi|209915570|ref|NP_001129601.1|	406	420	3562	5.42	3.08	2.41	11.09	34.2	1.65	14.95	5.42
19	gi|209915570|ref|NP_001129601.1|	407	421	3563	5.42	4.12	3.64	11.54	36.83	2.96	22.74	5.42
19	gi|209915570|ref|NP_001129601.1|	408	422	3564	7.21	7.21	4.86	6.95	15.17	5.51	9.49	9.44
19	gi|209915570|ref|NP_001129601.1|	409	423	3565	7.81	7.21	6.64	6.95	15.17	7.81	11.64	9.44
19	gi|209915570|ref|NP_001129601.1|	410	424	3566	9.44	4.37	10.26	5.83	15.17	9.14	17.08	9.44
19	gi|209915570|ref|NP_001129601.1|	411	425	3567	9.97	4.37	27.37	6.95	15.17	6.6	18.43	9.97
19	gi|209915570|ref|NP_001129601.1|	412	426	3568	9.97	4.37	27.37	6.95	15.17	6.04	16.8	9.97
19	gi|209915570|ref|NP_001129601.1|	413	427	3569	10.26	4.37	27.37	7.35	15.17	5.44	15.7	10.26
19	gi|209915570|ref|NP_001129601.1|	414	428	3570	10.43	4.37	27.37	8.12	15.17	7.62	15.88	10.43
19	gi|209915570|ref|NP_001129601.1|	415	429	3571	19.23	4.37	27.37	15.53	19.23	14.61	35.21	20.31
19	gi|209915570|ref|NP_001129601.1|	440	454	3572	17.93	8.84	47.61	17.93	17.64	53.49	38.61	3.19
19	gi|209915570|ref|NP_001129601.1|	442	456	3573	17.93	8.84	37.07	17.93	72.64	30.74	16.17	3.19
19	gi|209915570|ref|NP_001129601.1|	443	457	3574	16.74	2.7	41.68	12.67	20.36	16.74	16.75	3.19
19	gi|209915570|ref|NP_001129601.1|	444	458	3575	12.74	1.95	48.66	12.74	20.08	12.07	16.92	3.19
19	gi|209915570|ref|NP_001129601.1|	445	459	3576	15.57	1.24	51.93	19.71	18.52	12.05	15.57	3.19
19	gi|209915570|ref|NP_001129601.1|	446	460	3577	15.74	0.98	59.29	26.33	15.74	21.62	15.51	3.19
19	gi|209915570|ref|NP_001129601.1|	487	501	3578	19.31	4.45	30.38	19.31	1.79	56.45	64.47	18.28
19	gi|209915570|ref|NP_001129601.1|	542	556	3579	19.12	3.22	28.72	24.95	0.07	19.12	83.87	7.03
19	gi|209915570|ref|NP_001129601.1|	543	557	3580	12.81	11.48	12.81	42.92	0.19	27.43	40.49	12.22
19	gi|209915570|ref|NP_001129601.1|	544	558	3581	9.29	9.29	3.98	32.48	0.46	44.24	30.06	8.19
19	gi|209915570|ref|NP_001129601.1|	546	560	3582	14.99	9.11	6.05	25.05	9.77	31.37	14.99	18.44
19	gi|209915570|ref|NP_001129601.1|	547	561	3583	9.11	9.11	6.05	24.14	9.01	23.96	8.55	18.44
19	gi|209915570|ref|NP_001129601.1|	548	562	3584	10.34	9.08	7.21	24.37	10.32	23.4	10.34	18.44
19	gi|209915570|ref|NP_001129601.1|	549	563	3585	14.91	11.16	14.91	27.27	10.57	29.31	10.95	18.44
19	gi|209915570|ref|NP_001129601.1|	550	564	3586	18.44	26.46	15.21	19.25	12.71	41.47	12.26	18.44
19	gi|209915570|ref|NP_001129601.1|	554	568	3587	16.6	16.6	62.93	15.93	14.8	31.68	13.21	19.08
19	gi|209915570|ref|NP_001129601.1|	555	569	3588	19.25	16.6	64.29	19.25	14.88	26.04	31.02	19.08
19	gi|209915570|ref|NP_001129601.1|	573	587	3589	13.71	0.58	4.71	12.8	29.11	86.85	13.71	15.33
19	gi|209915570|ref|NP_001129601.1|	574	588	3590	13.71	0.53	4.71	12.46	28.51	86.23	13.71	15.28
19	gi|209915570|ref|NP_001129601.1|	575	589	3591	12.04	0.5	4.71	11.23	27.22	84.85	13.71	12.04
19	gi|209915570|ref|NP_001129601.1|	576	590	3592	12.62	0.47	4.71	11.07	26.74	85.44	13.71	12.62
19	gi|209915570|ref|NP_001129601.1|	577	591	3593	11.6	0.48	4.71	11.6	30.14	88.23	13.71	11.08
19	gi|209915570|ref|NP_001129601.1|	578	592	3594	11.66	1.57	4.71	6.92	36.05	90.79	13.71	11.66

Table 2

19	gi|209915570|ref|NP_001129601.1|	579	593	3595	4.71	0.06	4.71	6.15	36.05	75.39	0.38	1.61
19	gi|209915570|ref|NP_001129601.1|	580	594	3596	6.44	0.36	10.24	6.44	47.3	59.93	0.46	0.71
19	gi|209915570|ref|NP_001129601.1|	581	595	3597	6.36	0.36	10.24	6.36	49.29	44.95	0.69	0.59
19	gi|209915570|ref|NP_001129601.1|	582	596	3598	7.12	0.36	31.67	7.12	49.81	38.74	0.81	0.59
19	gi|209915570|ref|NP_001129601.1|	583	597	3599	5.02	0.36	31.67	5.02	52.53	24.7	1.88	0.53
19	gi|209915570|ref|NP_001129601.1|	584	598	3600	3.93	0.44	31.67	3.93	55.21	20.92	1.42	0.64
19	gi|209915570|ref|NP_001129601.1|	585	599	3601	3.95	0.45	31.67	3.95	57.48	20.46	1.92	1.01
19	gi|209915570|ref|NP_001129601.1|	586	600	3602	10.73	1.58	40.59	5.11	74.57	18.31	10.73	1.48
19	gi|209915570|ref|NP_001129601.1|	587	601	3603	10.73	1.61	42.98	5.34	73.68	18.38	10.73	1.87
19	gi|209915570|ref|NP_001129601.1|	588	602	3604	10.73	3.09	13.92	5.18	74.57	20.72	10.73	5.05
19	gi|209915570|ref|NP_001129601.1|	589	603	3605	10.73	6.38	12.84	7.57	74.57	28.02	10.73	5.62
19	gi|209915570|ref|NP_001129601.1|	590	604	3606	13.69	13.69	12.23	11.32	74.57	31.77	10.73	20.38
19	gi|209915570|ref|NP_001129601.1|	591	605	3607	12.88	64.98	3.95	12.37	26.69	26.25	12.88	9.44
19	gi|209915570|ref|NP_001129601.1|	592	606	3608	13.73	67.93	5.68	13.28	25.32	26.38	13.73	9.44
20	gi|209915573|ref|NP_001129602.1|	1	15	3609	18.16	8.01	18.16	1.76	30.04	83.52	22.59	4.48
20	gi|209915573|ref|NP_001129602.1|	2	16	3610	18.16	10.25	18.16	3.14	30.04	46.47	22.59	3.73
20	gi|209915573|ref|NP_001129602.1|	3	17	3611	11.22	7.76	17.78	3.04	30.04	11.22	22.59	3.73
20	gi|209915573|ref|NP_001129602.1|	4	18	3612	3.91	7.76	2.93	1.7	30.04	3.91	22.59	3.73
20	gi|209915573|ref|NP_001129602.1|	5	19	3613	3.73	7.76	2.96	1.48	30.04	3.46	22.59	3.73
20	gi|209915573|ref|NP_001129602.1|	6	20	3614	3.79	7.76	3.79	2.03	30.04	3.04	22.59	3.73
20	gi|209915573|ref|NP_001129602.1|	7	21	3615	4.09	7.76	3.72	2.28	30.04	4.09	23.68	3.73
20	gi|209915573|ref|NP_001129602.1|	8	22	3616	8.11	8.11	4.33	14.24	47.53	7.6	23.68	3.73
20	gi|209915573|ref|NP_001129602.1|	53	67	3617	10.16	2.99	13.19	10.16	9	29.28	53.52	6.18
20	gi|209915573|ref|NP_001129602.1|	54	68	3618	10.98	7.14	16.42	10.98	10.28	24.39	56.2	6.18
20	gi|209915573|ref|NP_001129602.1|	55	69	3619	16.77	8.11	21.67	16.77	10.87	30.78	56.2	6.18
20	gi|209915573|ref|NP_001129602.1|	56	70	3620	17.1	9.33	25.26	17.1	12.55	27.72	55.94	6.18
20	gi|209915573|ref|NP_001129602.1|	57	71	3621	19.36	8.19	29.53	15.71	19.36	25.22	36.02	6.18
20	gi|209915573|ref|NP_001129602.1|	73	87	3622	17.8	4.29	24.31	36.78	12.18	32.66	8.07	17.8
20	gi|209915573|ref|NP_001129602.1|	74	88	3623	17.32	4.29	25.76	36.02	11.35	23.97	6.23	17.32
20	gi|209915573|ref|NP_001129602.1|	75	89	3624	17.8	4.29	29.79	37.43	11.07	23.67	5.06	17.8
20	gi|209915573|ref|NP_001129602.1|	76	90	3625	17.8	4.29	32.48	40.72	11.35	22.19	5.42	17.8
20	gi|209915573|ref|NP_001129602.1|	77	91	3626	17.8	4.29	40.04	41.82	14.57	30.01	5.57	17.8
20	gi|209915573|ref|NP_001129602.1|	282	296	3627	19.04	9.61	16.19	30.85	75.22	35.89	19.04	12.43
20	gi|209915573|ref|NP_001129602.1|	283	297	3628	19.09	12.14	19.09	35	75.22	35.39	17.63	11.54
20	gi|209915573|ref|NP_001129602.1|	289	303	3629	17.8	13.28	1.69	34.23	48.28	30.09	14.02	17.8
20	gi|209915573|ref|NP_001129602.1|	290	304	3630	17.8	9.74	1.9	35.05	47.69	33.61	11.53	17.8
20	gi|209915573|ref|NP_001129602.1|	291	305	3631	17.8	13.2	2.78	35.35	47.69	38.22	14.26	17.8
20	gi|209915573|ref|NP_001129602.1|	396	410	3632	12.65	11.59	2.41	14.19	46.57	27.82	12.65	9.33
20	gi|209915573|ref|NP_001129602.1|	397	411	3633	11.59	11.59	4.17	16.75	46.57	40.08	11.18	9.61
20	gi|209915573|ref|NP_001129602.1|	401	415	3634	19.49	11.59	36.71	28.21	27.6	19.49	17.89	7.03
20	gi|209915573|ref|NP_001129602.1|	403	417	3635	18.08	1.01	36.71	24.99	18.08	6.83	23.85	10.53
20	gi|209915573|ref|NP_001129602.1|	404	418	3636	16.28	1.01	36.71	35.76	16.28	7.73	23.85	10.53
20	gi|209915573|ref|NP_001129602.1|	405	419	3637	15.4	0.9	36.71	36.34	15.4	10.75	23.85	10.53
20	gi|209915573|ref|NP_001129602.1|	418	432	3638	11.41	11.41	18.91	23.45	44.73	9.3	6.83	0.11
20	gi|209915573|ref|NP_001129602.1|	419	433	3639	11.41	11.41	20.11	23.45	44.73	6.3	7.29	0.11
20	gi|209915573|ref|NP_001129602.1|	420	434	3640	11.41	11.41	16.69	23.45	44.73	4.98	10.28	0.11
20	gi|209915573|ref|NP_001129602.1|	421	435	3641	11.41	11.41	15.27	14.17	44.73	5.89	10.96	0.11
20	gi|209915573|ref|NP_001129602.1|	422	436	3642	15.33	11.41	19.44	15.33	50.74	10.6	27.94	0.11

Table 2

20	gi|209915573|ref|NP_001129602.1|	428	442	3643	17.2	10.76	38.78	10.24	24.36	17.2	29.26	5.51
20	gi|209915573|ref|NP_001129602.1|	429	443	3644	6.09	4.5	38.78	5.93	23.79	6.09	23.25	0.17
20	gi|209915573|ref|NP_001129602.1|	430	444	3645	4.84	4.48	38.78	4.84	23.35	2.92	19.97	0.17
20	gi|209915573|ref|NP_001129602.1|	431	445	3646	5.12	4.35	44.09	5.12	29.04	3.31	14.99	0.17
20	gi|209915573|ref|NP_001129602.1|	432	446	3647	4.21	4.21	49.35	3.7	34.21	3.6	14.15	0.17
20	gi|209915573|ref|NP_001129602.1|	433	447	3648	6.05	5.77	36.41	3.7	37.22	6.05	14.15	0.17
20	gi|209915573|ref|NP_001129602.1|	434	448	3649	11.72	11.72	40.88	8.57	37.22	10.69	14.15	0.17
20	gi|209915573|ref|NP_001129602.1|	435	449	3650	14.15	2.97	42.7	10.62	58.75	20.99	14.15	0.17
20	gi|209915573|ref|NP_001129602.1|	448	462	3651	18.35	15.86	6.48	15.75	24.93	21.82	18.35	21.62
20	gi|209915573|ref|NP_001129602.1|	449	463	3652	16.16	14.8	7.06	16.16	24.75	21.11	13.95	21.62
20	gi|209915573|ref|NP_001129602.1|	450	464	3653	16.53	15.33	7.19	16.53	23.94	23.36	11.06	21
20	gi|209915573|ref|NP_001129602.1|	452	466	3654	16.89	29.92	13.26	11.54	9.64	27.69	16.89	21
20	gi|209915573|ref|NP_001129602.1|	453	467	3655	13.07	7.66	17.05	13.07	9.64	24.16	14.58	4.44
20	gi|209915573|ref|NP_001129602.1|	454	468	3656	14.78	2.85	25.54	14.78	9.64	18.11	17.58	4.56
20	gi|209915573|ref|NP_001129602.1|	455	469	3657	15.49	2.83	50.6	15.49	9.64	17.09	18.03	4.61
20	gi|209915573|ref|NP_001129602.1|	456	470	3658	13.67	2.67	39.13	15.67	9.64	13.67	17.58	4.1
20	gi|209915573|ref|NP_001129602.1|	457	471	3659	16.28	2.64	47.72	16.28	9.64	18	17.58	5.29
20	gi|209915573|ref|NP_001129602.1|	458	472	3660	19.16	3.6	52.43	19.16	9.64	23.82	21.98	8.97
20	gi|209915573|ref|NP_001129602.1|	464	478	3661	8.92	13.71	11.79	8.33	8.22	18.71	0.68	8.92
20	gi|209915573|ref|NP_001129602.1|	465	479	3662	8.92	13.38	13.07	8.14	7.99	8.92	0.68	8.92
20	gi|209915573|ref|NP_001129602.1|	466	480	3663	7.63	12.45	11.24	8.52	7.26	5.25	0.74	7.63
20	gi|209915573|ref|NP_001129602.1|	467	481	3664	6.17	12.03	6.17	8.96	6.62	4.54	0.71	5.63
20	gi|209915573|ref|NP_001129602.1|	468	482	3665	6.58	4.01	7.71	10.02	11.15	5.23	2.64	6.58
20	gi|209915573|ref|NP_001129602.1|	469	483	3666	9.77	4.01	11.12	11.67	17.92	8.38	2.64	9.77
20	gi|209915573|ref|NP_001129602.1|	470	484	3667	13.07	4.01	13.07	14.76	24.23	16.88	2.64	12.09
20	gi|209915573|ref|NP_001129602.1|	471	485	3668	19.31	4.01	25.01	15.96	24.23	19.31	8.43	24.02
20	gi|209915573|ref|NP_001129602.1|	472	486	3669	7.9	4.01	23.29	7.9	24.23	22.04	4.42	4.06
20	gi|209915573|ref|NP_001129602.1|	473	487	3670	9.43	4.01	31.64	9.43	41.99	22.17	4.94	4.04
20	gi|209915573|ref|NP_001129602.1|	474	488	3671	8.85	4.01	40.87	8.85	41.99	18.64	2.53	3.57
20	gi|209915573|ref|NP_001129602.1|	475	489	3672	10.09	10.09	20.24	8.57	41.99	12.63	1.87	3.28
20	gi|209915573|ref|NP_001129602.1|	476	490	3673	8.77	13	22.7	8.57	41.99	8.77	1.41	3.19
20	gi|209915573|ref|NP_001129602.1|	477	491	3674	13	13	14.15	14.6	40.18	5.12	1.14	4.79
20	gi|209915573|ref|NP_001129602.1|	478	492	3675	11.97	13	11.97	14.15	35.9	3.88	1.35	4.64
20	gi|209915573|ref|NP_001129602.1|	479	493	3676	5.42	4.11	1.43	9.62	30.92	1.92	9.57	5.42
20	gi|209915573|ref|NP_001129602.1|	480	494	3677	5.42	3.51	2.03	10.16	30.01	1.78	11.64	5.42
20	gi|209915573|ref|NP_001129602.1|	481	495	3678	5.42	3.08	2.41	11.09	34.2	1.65	14.95	5.42
20	gi|209915573|ref|NP_001129602.1|	482	496	3679	5.42	4.12	3.64	11.54	36.83	2.96	22.74	5.42
20	gi|209915573|ref|NP_001129602.1|	483	497	3680	7.21	7.21	4.86	6.95	15.17	5.51	9.49	9.44
20	gi|209915573|ref|NP_001129602.1|	484	498	3681	7.81	7.21	6.64	6.95	15.17	7.81	11.64	9.44
20	gi|209915573|ref|NP_001129602.1|	485	499	3682	9.44	4.37	10.26	5.83	15.17	9.14	17.08	9.44
20	gi|209915573|ref|NP_001129602.1|	486	500	3683	9.97	4.37	27.37	6.95	15.17	6.6	18.43	9.97
20	gi|209915573|ref|NP_001129602.1|	487	501	3684	9.97	4.37	27.37	6.95	15.17	6.04	16.8	9.97
20	gi|209915573|ref|NP_001129602.1|	488	502	3685	10.26	4.37	27.37	7.35	15.17	5.44	15.7	10.26
20	gi|209915573|ref|NP_001129602.1|	489	503	3686	10.43	4.37	27.37	8.12	15.17	7.62	15.88	10.43
20	gi|209915573|ref|NP_001129602.1|	490	504	3687	19.23	4.37	27.37	15.53	19.23	14.61	35.21	20.31
20	gi|209915573|ref|NP_001129602.1|	515	529	3688	17.93	8.84	47.61	17.93	17.64	53.49	38.61	3.19
20	gi|209915573|ref|NP_001129602.1|	517	531	3689	17.93	8.84	37.07	17.93	72.64	30.74	16.17	3.19
20	gi|209915573|ref|NP_001129602.1|	518	532	3690	16.74	2.7	41.68	12.67	20.36	16.74	16.75	3.19

Table 2

20	gi|209915573|ref|NP_001129602.1|	519	533	3691	12.74	1.95	48.66	12.74	20.08	12.07	16.92	3.19
20	gi|209915573|ref|NP_001129602.1|	520	534	3692	15.57	1.24	51.93	19.71	18.52	12.05	15.57	3.19
20	gi|209915573|ref|NP_001129602.1|	521	535	3693	15.74	0.98	59.29	26.33	15.74	21.62	15.51	3.19
20	gi|209915573|ref|NP_001129602.1|	562	576	3694	19.31	4.45	30.38	19.31	1.79	56.45	64.47	18.28
20	gi|209915573|ref|NP_001129602.1|	617	631	3695	19.12	3.22	28.72	24.95	0.07	19.12	83.87	7.03
20	gi|209915573|ref|NP_001129602.1|	618	632	3696	12.81	11.48	12.81	42.92	0.19	27.43	40.49	12.22
20	gi|209915573|ref|NP_001129602.1|	619	633	3697	9.29	9.29	3.98	32.48	0.46	44.24	30.06	8.19
20	gi|209915573|ref|NP_001129602.1|	621	635	3698	14.99	9.11	6.05	25.05	9.77	31.37	14.99	18.44
20	gi|209915573|ref|NP_001129602.1|	622	636	3699	9.11	9.11	6.05	24.14	9.01	23.96	8.55	18.44
20	gi|209915573|ref|NP_001129602.1|	623	637	3700	10.34	9.08	7.21	24.37	10.32	23.4	10.34	18.44
20	gi|209915573|ref|NP_001129602.1|	624	638	3701	14.91	11.16	14.91	27.27	10.57	29.31	10.95	18.44
20	gi|209915573|ref|NP_001129602.1|	625	639	3702	18.44	26.46	15.21	19.25	12.71	41.47	12.26	18.44
20	gi|209915573|ref|NP_001129602.1|	629	643	3703	16.6	16.6	62.93	15.93	14.8	31.68	13.21	19.08
20	gi|209915573|ref|NP_001129602.1|	630	644	3704	19.25	16.6	64.29	19.25	14.88	26.04	31.02	19.08
20	gi|209915573|ref|NP_001129602.1|	648	662	3705	13.71	0.58	4.71	12.8	29.11	86.85	13.71	15.33
20	gi|209915573|ref|NP_001129602.1|	649	663	3706	13.71	0.53	4.71	12.46	28.51	86.23	13.71	15.28
20	gi|209915573|ref|NP_001129602.1|	650	664	3707	12.04	0.5	4.71	11.23	27.22	84.85	13.71	12.04
20	gi|209915573|ref|NP_001129602.1|	651	665	3708	12.62	0.47	4.71	11.07	26.74	85.44	13.71	12.62
20	gi|209915573|ref|NP_001129602.1|	652	666	3709	11.6	0.48	4.71	11.6	30.14	88.23	13.71	11.08
20	gi|209915573|ref|NP_001129602.1|	653	667	3710	11.66	1.57	4.71	6.92	36.05	90.79	13.71	11.66
20	gi|209915573|ref|NP_001129602.1|	654	668	3711	4.71	0.06	4.71	6.15	36.05	75.39	0.38	1.61
20	gi|209915573|ref|NP_001129602.1|	655	669	3712	6.44	0.36	10.24	6.44	47.3	59.93	0.46	0.71
20	gi|209915573|ref|NP_001129602.1|	656	670	3713	6.36	0.36	10.24	6.36	49.29	44.95	0.69	0.59
20	gi|209915573|ref|NP_001129602.1|	657	671	3714	7.12	0.36	31.67	7.12	49.81	38.74	0.81	0.59
20	gi|209915573|ref|NP_001129602.1|	658	672	3715	5.02	0.36	31.67	5.02	52.53	24.7	1.88	0.53
20	gi|209915573|ref|NP_001129602.1|	659	673	3716	3.93	0.44	31.67	3.93	55.21	20.92	1.42	0.64
20	gi|209915573|ref|NP_001129602.1|	660	674	3717	3.95	0.45	31.67	3.95	57.48	20.46	1.92	1.01
20	gi|209915573|ref|NP_001129602.1|	661	675	3718	10.73	1.58	40.59	5.11	74.57	18.31	10.73	1.48
20	gi|209915573|ref|NP_001129602.1|	662	676	3719	10.73	1.61	42.98	5.34	73.68	18.38	10.73	1.87
20	gi|209915573|ref|NP_001129602.1|	663	677	3720	10.73	3.09	13.92	5.18	74.57	20.72	10.73	5.05
20	gi|209915573|ref|NP_001129602.1|	664	678	3721	10.73	6.38	12.84	7.57	74.57	28.02	10.73	5.62
20	gi|209915573|ref|NP_001129602.1|	665	679	3722	13.69	13.69	12.23	11.32	74.57	31.77	10.73	20.38
20	gi|209915573|ref|NP_001129602.1|	666	680	3723	12.88	64.98	3.95	12.37	26.69	26.25	12.88	9.44
20	gi|209915573|ref|NP_001129602.1|	667	681	3724	13.73	67.93	5.68	13.28	25.32	26.38	13.73	9.44
21	gi|324021738|ref|NP_001191230.1|	1	15	3725	18.16	8.01	18.16	1.76	30.04	83.52	22.59	4.48
21	gi|324021738|ref|NP_001191230.1|	2	16	3726	18.16	10.25	18.16	3.14	30.04	46.47	22.59	3.73
21	gi|324021738|ref|NP_001191230.1|	3	17	3727	11.22	7.76	17.78	3.04	30.04	11.22	22.59	3.73
21	gi|324021738|ref|NP_001191230.1|	4	18	3728	3.91	7.76	2.93	1.7	30.04	3.91	22.59	3.73
21	gi|324021738|ref|NP_001191230.1|	5	19	3729	3.73	7.76	2.96	1.48	30.04	3.46	22.59	3.73
21	gi|324021738|ref|NP_001191230.1|	6	20	3730	3.79	7.76	3.79	2.03	30.04	3.04	22.59	3.73
21	gi|324021738|ref|NP_001191230.1|	7	21	3731	4.22	7.76	3.93	2.3	30.04	4.22	23.68	3.73
21	gi|324021738|ref|NP_001191230.1|	8	22	3732	8.31	8.1	4.48	14.24	58.84	8.31	23.68	3.73
21	gi|324021738|ref|NP_001191230.1|	34	48	3733	18.62	24.06	28.98	5.12	18.62	23.66	16.9	8.92
21	gi|324021738|ref|NP_001191230.1|	37	51	3734	14.42	14.1	54.84	14.42	37.39	39.74	12.13	8.76
21	gi|324021738|ref|NP_001191230.1|	66	80	3735	18.29	16.6	64.66	12.95	18.29	56.31	13.37	35.44
21	gi|324021738|ref|NP_001191230.1|	67	81	3736	18.84	16.6	33.45	14.34	18.84	48.26	14.15	30.45
21	gi|324021738|ref|NP_001191230.1|	68	82	3737	17.62	16.6	30.85	16.37	17.62	40.81	15.31	31.24
21	gi|324021738|ref|NP_001191230.1|	109	123	3738	10.16	2.99	13.19	10.16	9	29.28	53.52	6.18

Table 2

21	gi|324021738|ref|NP_001191230.1|	110	124	3739	10.98	7.14	16.42	10.98	10.28	24.39	56.2	6.18
21	gi|324021738|ref|NP_001191230.1|	111	125	3740	16.77	8.11	21.67	16.77	10.87	30.78	56.2	6.18
21	gi|324021738|ref|NP_001191230.1|	112	126	3741	17.1	9.33	25.26	17.1	12.55	27.72	55.94	6.18
21	gi|324021738|ref|NP_001191230.1|	113	127	3742	19.36	8.19	29.53	15.71	19.36	25.22	36.02	6.18
21	gi|324021738|ref|NP_001191230.1|	129	143	3743	17.8	4.29	24.31	36.78	12.18	32.66	8.07	17.8
21	gi|324021738|ref|NP_001191230.1|	130	144	3744	17.32	4.29	25.76	36.02	11.35	23.97	6.23	17.32
21	gi|324021738|ref|NP_001191230.1|	131	145	3745	17.8	4.29	29.79	37.43	11.07	23.67	5.06	17.8
21	gi|324021738|ref|NP_001191230.1|	132	146	3746	17.8	4.29	32.48	40.72	11.35	22.19	5.42	17.8
21	gi|324021738|ref|NP_001191230.1|	133	147	3747	17.8	4.29	40.04	41.82	14.57	30.01	5.57	17.8
21	gi|324021738|ref|NP_001191230.1|	338	352	3748	19.04	9.61	16.19	30.85	75.22	35.89	19.04	12.43
21	gi|324021738|ref|NP_001191230.1|	339	353	3749	19.09	12.14	19.09	35	75.22	35.39	17.63	11.54
21	gi|324021738|ref|NP_001191230.1|	345	359	3750	17.8	13.28	1.69	34.23	48.28	30.09	14.02	17.8
21	gi|324021738|ref|NP_001191230.1|	346	360	3751	17.8	9.74	1.9	35.05	47.69	33.61	11.53	17.8
21	gi|324021738|ref|NP_001191230.1|	347	361	3752	17.8	13.2	2.78	35.35	47.69	38.22	14.26	17.8
21	gi|324021738|ref|NP_001191230.1|	452	466	3753	12.65	11.59	2.41	14.19	46.57	27.82	12.65	9.33
21	gi|324021738|ref|NP_001191230.1|	453	467	3754	11.59	11.59	4.17	16.75	46.57	40.08	11.18	9.61
21	gi|324021738|ref|NP_001191230.1|	457	471	3755	19.49	11.59	36.71	28.21	27.6	19.49	17.89	7.03
21	gi|324021738|ref|NP_001191230.1|	459	473	3756	18.08	1.01	36.71	24.99	18.08	6.83	23.85	10.53
21	gi|324021738|ref|NP_001191230.1|	460	474	3757	16.28	1.01	36.71	35.76	16.28	7.73	23.85	10.53
21	gi|324021738|ref|NP_001191230.1|	461	475	3758	15.4	0.9	36.71	36.34	15.4	10.75	23.85	10.53
21	gi|324021738|ref|NP_001191230.1|	474	488	3759	11.41	11.41	18.91	23.45	44.73	9.3	6.83	0.11
21	gi|324021738|ref|NP_001191230.1|	475	489	3760	11.41	11.41	20.11	23.45	44.73	6.3	7.29	0.11
21	gi|324021738|ref|NP_001191230.1|	476	490	3761	11.41	11.41	16.69	23.45	44.73	4.98	10.28	0.11
21	gi|324021738|ref|NP_001191230.1|	477	491	3762	11.41	11.41	15.27	14.17	44.73	5.89	10.96	0.11
21	gi|324021738|ref|NP_001191230.1|	478	492	3763	15.33	11.41	19.44	15.33	50.74	10.6	27.94	0.11
21	gi|324021738|ref|NP_001191230.1|	484	498	3764	17.2	10.76	38.78	10.24	24.36	17.2	29.26	5.51
21	gi|324021738|ref|NP_001191230.1|	485	499	3765	6.09	4.5	38.78	5.93	23.79	6.09	23.25	0.17
21	gi|324021738|ref|NP_001191230.1|	486	500	3766	4.84	4.48	38.78	4.84	23.35	2.92	19.97	0.17
21	gi|324021738|ref|NP_001191230.1|	487	501	3767	5.12	4.35	44.09	5.12	29.04	3.31	14.99	0.17
21	gi|324021738|ref|NP_001191230.1|	488	502	3768	4.21	4.21	49.35	3.7	34.21	3.6	14.15	0.17
21	gi|324021738|ref|NP_001191230.1|	489	503	3769	6.05	5.77	36.41	3.7	37.22	6.05	14.15	0.17
21	gi|324021738|ref|NP_001191230.1|	490	504	3770	11.72	11.72	40.88	8.57	37.22	10.69	14.15	0.17
21	gi|324021738|ref|NP_001191230.1|	491	505	3771	14.15	2.97	42.7	10.62	58.75	20.99	14.15	0.17
21	gi|324021738|ref|NP_001191230.1|	504	518	3772	18.35	15.86	6.48	15.75	24.93	21.82	18.35	21.62
21	gi|324021738|ref|NP_001191230.1|	505	519	3773	16.16	14.8	7.06	16.16	24.75	21.11	13.95	21.62
21	gi|324021738|ref|NP_001191230.1|	506	520	3774	16.53	15.33	7.19	16.53	23.94	23.36	11.06	21
21	gi|324021738|ref|NP_001191230.1|	508	522	3775	16.89	29.92	13.26	11.54	9.64	27.69	16.89	21
21	gi|324021738|ref|NP_001191230.1|	509	523	3776	13.07	7.66	17.05	13.07	9.64	24.16	14.58	4.44
21	gi|324021738|ref|NP_001191230.1|	510	524	3777	14.78	2.85	25.54	14.78	9.64	18.11	17.58	4.56
21	gi|324021738|ref|NP_001191230.1|	511	525	3778	15.49	2.83	50.6	15.49	9.64	17.09	18.03	4.61
21	gi|324021738|ref|NP_001191230.1|	512	526	3779	13.67	2.67	39.13	15.67	9.64	13.67	17.58	4.1
21	gi|324021738|ref|NP_001191230.1|	513	527	3780	16.28	2.64	47.72	16.28	9.64	18	17.58	5.29
21	gi|324021738|ref|NP_001191230.1|	514	528	3781	19.16	3.6	52.43	19.16	9.64	23.82	21.98	8.97
21	gi|324021738|ref|NP_001191230.1|	520	534	3782	8.92	13.71	11.79	8.33	8.22	18.71	0.68	8.92
21	gi|324021738|ref|NP_001191230.1|	521	535	3783	8.92	13.38	13.07	8.14	7.99	8.92	0.68	8.92
21	gi|324021738|ref|NP_001191230.1|	522	536	3784	7.63	12.45	11.24	8.52	7.26	5.25	0.74	7.63
21	gi|324021738|ref|NP_001191230.1|	523	537	3785	6.17	12.03	6.17	8.96	6.62	4.54	0.71	5.63
21	gi|324021738|ref|NP_001191230.1|	524	538	3786	6.58	4.01	7.71	10.02	11.15	5.23	2.64	6.58

Table 2

21	gi|324021738|ref|NP_001191230.1|	525	539	3787	9.77	4.01	11.12	11.67	17.92	8.38	2.64	9.77
21	gi|324021738|ref|NP_001191230.1|	526	540	3788	13.07	4.01	13.07	14.76	24.23	16.88	2.64	12.09
21	gi|324021738|ref|NP_001191230.1|	527	541	3789	19.31	4.01	25.01	15.96	24.23	19.31	8.43	24.02
21	gi|324021738|ref|NP_001191230.1|	528	542	3790	7.9	4.01	23.29	7.9	24.23	22.04	4.42	4.06
21	gi|324021738|ref|NP_001191230.1|	529	543	3791	9.43	4.01	31.64	9.43	41.99	22.17	4.94	4.04
21	gi|324021738|ref|NP_001191230.1|	530	544	3792	8.85	4.01	40.87	8.85	41.99	18.64	2.53	3.57
21	gi|324021738|ref|NP_001191230.1|	531	545	3793	10.09	10.09	20.24	8.57	41.99	12.63	1.87	3.28
21	gi|324021738|ref|NP_001191230.1|	532	546	3794	8.77	13	22.7	8.57	41.99	8.77	1.41	3.19
21	gi|324021738|ref|NP_001191230.1|	533	547	3795	13	13	14.15	14.6	40.18	5.12	1.14	4.79
21	gi|324021738|ref|NP_001191230.1|	534	548	3796	11.97	13	11.97	14.15	35.9	3.88	1.35	4.64
21	gi|324021738|ref|NP_001191230.1|	535	549	3797	5.42	4.11	1.43	9.62	30.92	1.92	9.57	5.42
21	gi|324021738|ref|NP_001191230.1|	536	550	3798	5.42	3.51	2.03	10.16	30.01	1.78	11.64	5.42
21	gi|324021738|ref|NP_001191230.1|	537	551	3799	5.42	3.08	2.41	11.09	34.2	1.65	14.95	5.42
21	gi|324021738|ref|NP_001191230.1|	538	552	3800	5.42	4.12	3.64	11.54	36.83	2.96	22.74	5.42
21	gi|324021738|ref|NP_001191230.1|	539	553	3801	7.21	7.21	4.86	6.95	15.17	5.51	9.49	9.44
21	gi|324021738|ref|NP_001191230.1|	540	554	3802	7.81	7.21	6.64	6.95	15.17	7.81	11.64	9.44
21	gi|324021738|ref|NP_001191230.1|	541	555	3803	9.44	4.37	10.26	5.83	15.17	9.14	17.08	9.44
21	gi|324021738|ref|NP_001191230.1|	542	556	3804	9.97	4.37	27.37	6.95	15.17	6.6	18.43	9.97
21	gi|324021738|ref|NP_001191230.1|	543	557	3805	9.97	4.37	27.37	6.95	15.17	6.04	16.8	9.97
21	gi|324021738|ref|NP_001191230.1|	544	558	3806	10.26	4.37	27.37	7.35	15.17	5.44	15.7	10.26
21	gi|324021738|ref|NP_001191230.1|	545	559	3807	10.43	4.37	27.37	8.12	15.17	7.62	15.88	10.43
21	gi|324021738|ref|NP_001191230.1|	546	560	3808	19.23	4.37	27.37	15.53	19.23	14.61	35.21	20.31
21	gi|324021738|ref|NP_001191230.1|	571	585	3809	17.93	8.84	47.61	17.93	17.64	53.49	38.61	3.19
21	gi|324021738|ref|NP_001191230.1|	573	587	3810	17.93	8.84	37.07	17.93	72.64	30.74	16.17	3.19
21	gi|324021738|ref|NP_001191230.1|	574	588	3811	16.74	2.7	41.68	12.67	20.36	16.74	16.75	3.19
21	gi|324021738|ref|NP_001191230.1|	575	589	3812	12.74	1.95	48.66	12.74	20.08	12.07	16.92	3.19
21	gi|324021738|ref|NP_001191230.1|	576	590	3813	15.57	1.24	51.93	19.71	18.52	12.05	15.57	3.19
21	gi|324021738|ref|NP_001191230.1|	577	591	3814	15.74	0.98	59.29	26.33	15.74	21.62	15.51	3.19
21	gi|324021738|ref|NP_001191230.1|	618	632	3815	19.31	4.45	30.38	19.31	1.79	56.45	64.47	18.28
21	gi|324021738|ref|NP_001191230.1|	655	669	3816	19.12	3.22	28.72	24.95	0.07	19.12	83.87	7.03
21	gi|324021738|ref|NP_001191230.1|	656	670	3817	12.81	11.48	12.81	42.92	0.19	27.43	40.49	12.22
21	gi|324021738|ref|NP_001191230.1|	657	671	3818	9.29	9.29	3.98	32.48	0.46	44.24	30.06	8.19
21	gi|324021738|ref|NP_001191230.1|	659	673	3819	14.99	9.11	6.05	25.05	9.77	31.37	14.99	18.44
21	gi|324021738|ref|NP_001191230.1|	660	674	3820	9.11	9.11	6.05	24.14	9.01	23.96	8.55	18.44
21	gi|324021738|ref|NP_001191230.1|	661	675	3821	10.34	9.08	7.21	24.37	10.32	23.4	10.34	18.44
21	gi|324021738|ref|NP_001191230.1|	662	676	3822	14.91	11.16	14.91	27.27	10.57	29.31	10.95	18.44
21	gi|324021738|ref|NP_001191230.1|	663	677	3823	18.44	26.46	15.21	19.25	12.71	41.47	12.26	18.44
21	gi|324021738|ref|NP_001191230.1|	667	681	3824	16.6	16.6	62.93	15.93	14.8	31.68	13.21	19.08
21	gi|324021738|ref|NP_001191230.1|	668	682	3825	19.25	16.6	64.29	19.25	14.88	26.04	31.02	19.08
21	gi|324021738|ref|NP_001191230.1|	686	700	3826	13.71	0.58	4.71	12.8	29.11	86.85	13.71	15.33
21	gi|324021738|ref|NP_001191230.1|	687	701	3827	13.71	0.53	4.71	12.46	28.51	86.23	13.71	15.28
21	gi|324021738|ref|NP_001191230.1|	688	702	3828	12.04	0.5	4.71	11.23	27.22	84.85	13.71	12.04
21	gi|324021738|ref|NP_001191230.1|	689	703	3829	12.62	0.47	4.71	11.07	26.74	85.44	13.71	12.62
21	gi|324021738|ref|NP_001191230.1|	690	704	3830	11.6	0.48	4.71	11.6	30.14	88.23	13.71	11.08
21	gi|324021738|ref|NP_001191230.1|	691	705	3831	11.66	1.57	4.71	6.92	36.05	90.79	13.71	11.66
21	gi|324021738|ref|NP_001191230.1|	692	706	3832	4.71	0.06	4.71	6.15	36.05	75.39	0.38	1.61
21	gi|324021738|ref|NP_001191230.1|	693	707	3833	6.44	0.36	10.24	6.44	47.3	59.93	0.46	0.71
21	gi|324021738|ref|NP_001191230.1|	694	708	3834	6.36	0.36	10.24	6.36	49.29	44.95	0.69	0.59

Table 2

21	gi|324021738|ref|NP_001191230.1|	695	709	3835	7.12	0.36	31.67	7.12	49.81	38.74	0.81	0.59
21	gi|324021738|ref|NP_001191230.1|	696	710	3836	5.02	0.36	31.67	5.02	52.53	24.7	1.88	0.53
21	gi|324021738|ref|NP_001191230.1|	697	711	3837	3.93	0.44	31.67	3.93	55.21	20.92	1.42	0.64
21	gi|324021738|ref|NP_001191230.1|	698	712	3838	3.95	0.45	31.67	3.95	57.48	20.46	1.92	1.01
21	gi|324021738|ref|NP_001191230.1|	699	713	3839	10.73	1.58	40.59	5.11	74.57	18.31	10.73	1.48
21	gi|324021738|ref|NP_001191230.1|	700	714	3840	10.73	1.61	42.98	5.34	73.68	18.38	10.73	1.87
21	gi|324021738|ref|NP_001191230.1|	701	715	3841	10.73	3.09	13.92	5.18	74.57	20.72	10.73	5.05
21	gi|324021738|ref|NP_001191230.1|	702	716	3842	10.73	6.38	12.84	7.57	74.57	28.02	10.73	5.62
21	gi|324021738|ref|NP_001191230.1|	703	717	3843	13.69	13.69	12.23	11.32	74.57	31.77	10.73	20.38
21	gi|324021738|ref|NP_001191230.1|	704	718	3844	12.88	64.98	3.95	12.37	26.69	26.25	12.88	9.44
21	gi|324021738|ref|NP_001191230.1|	705	719	3845	13.73	67.93	5.68	13.28	25.32	26.38	13.73	9.44
22	gi|324021736|ref|NP_001191231.1|	1	15	3846	18.16	8.01	18.16	1.76	30.04	83.52	22.59	4.48
22	gi|324021736|ref|NP_001191231.1|	2	16	3847	18.16	10.25	18.16	3.14	30.04	46.47	22.59	3.73
22	gi|324021736|ref|NP_001191231.1|	3	17	3848	11.22	7.76	17.78	3.04	30.04	11.22	22.59	3.73
22	gi|324021736|ref|NP_001191231.1|	4	18	3849	3.91	7.76	2.93	1.7	30.04	3.91	22.59	3.73
22	gi|324021736|ref|NP_001191231.1|	5	19	3850	3.73	7.76	2.96	1.48	30.04	3.46	22.59	3.73
22	gi|324021736|ref|NP_001191231.1|	6	20	3851	3.79	7.76	3.79	2.03	30.04	3.04	22.59	3.73
22	gi|324021736|ref|NP_001191231.1|	7	21	3852	4.22	7.76	3.93	2.3	30.04	4.22	23.68	3.73
22	gi|324021736|ref|NP_001191231.1|	8	22	3853	8.31	8.1	4.48	14.24	58.84	8.31	23.68	3.73
22	gi|324021736|ref|NP_001191231.1|	34	48	3854	18.62	24.06	28.98	5.12	18.62	23.66	16.9	8.92
22	gi|324021736|ref|NP_001191231.1|	37	51	3855	14.42	14.1	54.84	14.42	37.39	39.74	12.13	8.76
22	gi|324021736|ref|NP_001191231.1|	66	80	3856	18.29	16.6	64.66	12.95	18.29	56.31	13.37	35.44
22	gi|324021736|ref|NP_001191231.1|	67	81	3857	18.84	16.6	33.45	14.34	18.84	48.26	14.15	30.45
22	gi|324021736|ref|NP_001191231.1|	68	82	3858	17.62	16.6	30.85	16.37	17.62	40.81	15.31	31.24
22	gi|324021736|ref|NP_001191231.1|	109	123	3859	10.16	2.99	13.19	10.16	9	29.28	53.52	6.18
22	gi|324021736|ref|NP_001191231.1|	110	124	3860	10.98	7.14	16.42	10.98	10.28	24.39	56.2	6.18
22	gi|324021736|ref|NP_001191231.1|	111	125	3861	16.77	8.11	21.67	16.77	10.87	30.78	56.2	6.18
22	gi|324021736|ref|NP_001191231.1|	112	126	3862	17.1	9.33	25.26	17.1	12.55	27.72	55.94	6.18
22	gi|324021736|ref|NP_001191231.1|	113	127	3863	19.36	8.19	29.53	15.71	19.36	25.22	36.02	6.18
22	gi|324021736|ref|NP_001191231.1|	129	143	3864	17.8	4.29	24.31	36.78	12.18	32.66	8.07	17.8
22	gi|324021736|ref|NP_001191231.1|	130	144	3865	17.32	4.29	25.76	36.02	11.35	23.97	6.23	17.32
22	gi|324021736|ref|NP_001191231.1|	131	145	3866	17.8	4.29	29.79	37.43	11.07	23.67	5.06	17.8
22	gi|324021736|ref|NP_001191231.1|	132	146	3867	17.8	4.29	32.48	40.72	11.35	22.19	5.42	17.8
22	gi|324021736|ref|NP_001191231.1|	133	147	3868	17.8	4.29	40.04	41.82	14.57	30.01	5.57	17.8
22	gi|324021736|ref|NP_001191231.1|	433	447	3869	12.65	11.59	2.41	14.19	46.57	27.82	12.65	9.33
22	gi|324021736|ref|NP_001191231.1|	434	448	3870	11.59	11.59	4.17	16.75	46.57	40.08	11.18	9.61
22	gi|324021736|ref|NP_001191231.1|	438	452	3871	19.49	11.59	36.71	28.21	27.6	19.49	17.89	7.03
22	gi|324021736|ref|NP_001191231.1|	440	454	3872	18.08	1.01	36.71	24.99	18.08	6.83	23.85	10.53
22	gi|324021736|ref|NP_001191231.1|	441	455	3873	16.28	1.01	36.71	35.76	16.28	7.73	23.85	10.53
22	gi|324021736|ref|NP_001191231.1|	442	456	3874	15.4	0.9	36.71	36.34	15.4	10.75	23.85	10.53
22	gi|324021736|ref|NP_001191231.1|	455	469	3875	11.41	11.41	18.91	23.45	44.73	9.3	6.83	0.11
22	gi|324021736|ref|NP_001191231.1|	456	470	3876	11.41	11.41	20.11	23.45	44.73	6.3	7.29	0.11
22	gi|324021736|ref|NP_001191231.1|	457	471	3877	11.41	11.41	16.69	23.45	44.73	4.98	10.28	0.11
22	gi|324021736|ref|NP_001191231.1|	458	472	3878	11.41	11.41	15.27	14.17	44.73	5.89	10.96	0.11
22	gi|324021736|ref|NP_001191231.1|	459	473	3879	15.33	11.41	19.44	15.33	50.74	10.6	27.94	0.11
22	gi|324021736|ref|NP_001191231.1|	465	479	3880	17.2	10.76	38.78	10.24	24.36	17.2	29.26	5.51
22	gi|324021736|ref|NP_001191231.1|	466	480	3881	6.09	4.5	38.78	5.93	23.79	6.09	23.25	0.17
22	gi|324021736|ref|NP_001191231.1|	467	481	3882	4.84	4.48	38.78	4.84	23.35	2.92	19.97	0.17

Table 2

22	gi|324021736|ref|NP_001191231.1|	468	482	3883	5.12	4.35	44.09	5.12	29.04	3.31	14.99	0.17
22	gi|324021736|ref|NP_001191231.1|	469	483	3884	4.21	4.21	49.35	3.7	34.21	3.6	14.15	0.17
22	gi|324021736|ref|NP_001191231.1|	470	484	3885	6.05	5.77	36.41	3.7	37.22	6.05	14.15	0.17
22	gi|324021736|ref|NP_001191231.1|	471	485	3886	11.72	11.72	40.88	8.57	37.22	10.69	14.15	0.17
22	gi|324021736|ref|NP_001191231.1|	472	486	3887	14.15	2.97	42.7	10.62	58.75	20.99	14.15	0.17
22	gi|324021736|ref|NP_001191231.1|	485	499	3888	18.35	15.86	6.48	15.75	24.93	21.82	18.35	21.62
22	gi|324021736|ref|NP_001191231.1|	486	500	3889	16.16	14.8	7.06	16.16	24.75	21.11	13.95	21.62
22	gi|324021736|ref|NP_001191231.1|	487	501	3890	16.53	15.33	7.19	16.53	23.94	23.36	11.06	21
22	gi|324021736|ref|NP_001191231.1|	489	503	3891	16.89	29.92	13.26	11.54	9.64	27.69	16.89	21
22	gi|324021736|ref|NP_001191231.1|	490	504	3892	13.07	7.66	17.05	13.07	9.64	24.16	14.58	4.44
22	gi|324021736|ref|NP_001191231.1|	491	505	3893	14.78	2.85	25.54	14.78	9.64	18.11	17.58	4.56
22	gi|324021736|ref|NP_001191231.1|	492	506	3894	15.49	2.83	50.6	15.49	9.64	17.09	18.03	4.61
22	gi|324021736|ref|NP_001191231.1|	493	507	3895	13.67	2.67	39.13	15.67	9.64	13.67	17.58	4.1
22	gi|324021736|ref|NP_001191231.1|	494	508	3896	16.28	2.64	47.72	16.28	9.64	18	17.58	5.29
22	gi|324021736|ref|NP_001191231.1|	495	509	3897	19.16	3.6	52.43	19.16	9.64	23.82	21.98	8.97
22	gi|324021736|ref|NP_001191231.1|	501	515	3898	8.92	13.71	11.79	8.33	8.22	18.71	0.68	8.92
22	gi|324021736|ref|NP_001191231.1|	502	516	3899	8.92	13.38	13.07	8.14	7.99	8.92	0.68	8.92
22	gi|324021736|ref|NP_001191231.1|	503	517	3900	7.63	12.45	11.24	8.52	7.26	5.25	0.74	7.63
22	gi|324021736|ref|NP_001191231.1|	504	518	3901	6.17	12.03	6.17	8.96	6.62	4.54	0.71	5.63
22	gi|324021736|ref|NP_001191231.1|	505	519	3902	6.58	4.01	7.71	10.02	11.15	5.23	2.64	6.58
22	gi|324021736|ref|NP_001191231.1|	506	520	3903	9.77	4.01	11.12	11.67	17.92	8.38	2.64	9.77
22	gi|324021736|ref|NP_001191231.1|	507	521	3904	13.07	4.01	13.07	14.76	24.23	16.88	2.64	12.09
22	gi|324021736|ref|NP_001191231.1|	508	522	3905	19.31	4.01	25.01	15.96	24.23	19.31	8.43	24.02
22	gi|324021736|ref|NP_001191231.1|	509	523	3906	7.9	4.01	23.29	7.9	24.23	22.04	4.42	4.06
22	gi|324021736|ref|NP_001191231.1|	510	524	3907	9.43	4.01	31.64	9.43	41.99	22.17	4.94	4.04
22	gi|324021736|ref|NP_001191231.1|	511	525	3908	8.85	4.01	40.87	8.85	41.99	18.64	2.53	3.57
22	gi|324021736|ref|NP_001191231.1|	512	526	3909	10.09	10.09	20.24	8.57	41.99	12.63	1.87	3.28
22	gi|324021736|ref|NP_001191231.1|	513	527	3910	8.77	13	22.7	8.57	41.99	8.77	1.41	3.19
22	gi|324021736|ref|NP_001191231.1|	514	528	3911	13	13	14.15	14.6	40.18	5.12	1.14	4.79
22	gi|324021736|ref|NP_001191231.1|	515	529	3912	11.97	13	11.97	14.15	35.9	3.88	1.35	4.64
22	gi|324021736|ref|NP_001191231.1|	516	530	3913	5.42	4.11	1.43	9.62	30.92	1.92	9.57	5.42
22	gi|324021736|ref|NP_001191231.1|	517	531	3914	5.42	3.51	2.03	10.16	30.01	1.78	11.64	5.42
22	gi|324021736|ref|NP_001191231.1|	518	532	3915	5.42	3.08	2.41	11.09	34.2	1.65	14.95	5.42
22	gi|324021736|ref|NP_001191231.1|	519	533	3916	5.42	4.12	3.64	11.54	36.83	2.96	22.74	5.42
22	gi|324021736|ref|NP_001191231.1|	520	534	3917	7.21	7.21	4.86	6.95	15.17	5.51	9.49	9.44
22	gi|324021736|ref|NP_001191231.1|	521	535	3918	7.81	7.21	6.64	6.95	15.17	7.81	11.64	9.44
22	gi|324021736|ref|NP_001191231.1|	522	536	3919	9.44	4.37	10.26	5.83	15.17	9.14	17.08	9.44
22	gi|324021736|ref|NP_001191231.1|	523	537	3920	9.97	4.37	27.37	6.95	15.17	6.6	18.43	9.97
22	gi|324021736|ref|NP_001191231.1|	524	538	3921	9.97	4.37	27.37	6.95	15.17	6.04	16.8	9.97
22	gi|324021736|ref|NP_001191231.1|	525	539	3922	10.26	4.37	27.37	7.35	15.17	5.44	15.7	10.26
22	gi|324021736|ref|NP_001191231.1|	526	540	3923	10.43	4.37	27.37	8.12	15.17	7.62	15.88	10.43
22	gi|324021736|ref|NP_001191231.1|	527	541	3924	19.23	4.37	27.37	15.53	19.23	14.61	35.21	20.31
22	gi|324021736|ref|NP_001191231.1|	552	566	3925	17.93	8.84	47.61	17.93	17.64	53.49	38.61	3.19
22	gi|324021736|ref|NP_001191231.1|	554	568	3926	17.93	8.84	37.07	17.93	72.64	30.74	16.17	3.19
22	gi|324021736|ref|NP_001191231.1|	555	569	3927	16.74	2.7	41.68	12.67	20.36	16.74	16.75	3.19
22	gi|324021736|ref|NP_001191231.1|	556	570	3928	12.74	1.95	48.66	12.74	20.08	12.07	16.92	3.19
22	gi|324021736|ref|NP_001191231.1|	557	571	3929	15.57	1.24	51.93	19.71	18.52	12.05	15.57	3.19
22	gi|324021736|ref|NP_001191231.1|	558	572	3930	15.74	0.98	59.29	26.33	15.74	21.62	15.51	3.19

Table 2

22	gi|324021736|ref|NP_001191231.1|	599	613	3931	19.31	4.45	30.38	19.31	1.79	56.45	64.47	18.28
22	gi|324021736|ref|NP_001191231.1|	636	650	3932	19.12	3.22	28.72	24.95	0.07	19.12	83.87	7.03
22	gi|324021736|ref|NP_001191231.1|	637	651	3933	12.81	11.48	12.81	42.92	0.19	27.43	40.49	12.22
22	gi|324021736|ref|NP_001191231.1|	638	652	3934	9.29	9.29	3.98	32.48	0.46	44.24	30.06	8.19
22	gi|324021736|ref|NP_001191231.1|	640	654	3935	14.99	9.11	6.05	25.05	9.77	31.37	14.99	18.44
22	gi|324021736|ref|NP_001191231.1|	641	655	3936	9.11	9.11	6.05	24.14	9.01	23.96	8.55	18.44
22	gi|324021736|ref|NP_001191231.1|	642	656	3937	10.34	9.08	7.21	24.37	10.32	23.4	10.34	18.44
22	gi|324021736|ref|NP_001191231.1|	643	657	3938	14.91	11.16	14.91	27.27	10.57	29.31	10.95	18.44
22	gi|324021736|ref|NP_001191231.1|	644	658	3939	18.44	26.46	15.21	19.25	12.71	41.47	12.26	18.44
22	gi|324021736|ref|NP_001191231.1|	648	662	3940	16.6	16.6	62.93	15.93	14.8	31.68	13.21	19.08
22	gi|324021736|ref|NP_001191231.1|	649	663	3941	19.25	16.6	64.29	19.25	14.88	26.04	31.02	19.08
22	gi|324021736|ref|NP_001191231.1|	667	681	3942	13.71	0.58	4.71	12.8	29.11	86.85	13.71	15.33
22	gi|324021736|ref|NP_001191231.1|	668	682	3943	13.71	0.53	4.71	12.46	28.51	86.23	13.71	15.28
22	gi|324021736|ref|NP_001191231.1|	669	683	3944	12.04	0.5	4.71	11.23	27.22	84.85	13.71	12.04
22	gi|324021736|ref|NP_001191231.1|	670	684	3945	12.62	0.47	4.71	11.07	26.74	85.44	13.71	12.62
22	gi|324021736|ref|NP_001191231.1|	671	685	3946	11.6	0.48	4.71	11.6	30.14	88.23	13.71	11.08
22	gi|324021736|ref|NP_001191231.1|	672	686	3947	11.66	1.57	4.71	6.92	36.05	90.79	13.71	11.66
22	gi|324021736|ref|NP_001191231.1|	673	687	3948	4.71	0.06	4.71	6.15	36.05	75.39	0.38	1.61
22	gi|324021736|ref|NP_001191231.1|	674	688	3949	6.44	0.36	10.24	6.44	47.3	59.93	0.46	0.71
22	gi|324021736|ref|NP_001191231.1|	675	689	3950	6.36	0.36	10.24	6.36	49.29	44.95	0.69	0.59
22	gi|324021736|ref|NP_001191231.1|	676	690	3951	7.12	0.36	31.67	7.12	49.81	38.74	0.81	0.59
22	gi|324021736|ref|NP_001191231.1|	677	691	3952	5.02	0.36	31.67	5.02	52.53	24.7	1.88	0.53
22	gi|324021736|ref|NP_001191231.1|	678	692	3953	3.93	0.44	31.67	3.93	55.21	20.92	1.42	0.64
22	gi|324021736|ref|NP_001191231.1|	679	693	3954	3.95	0.45	31.67	3.95	57.48	20.46	1.92	1.01
22	gi|324021736|ref|NP_001191231.1|	680	694	3955	10.73	1.58	40.59	5.11	74.57	18.31	10.73	1.48
22	gi|324021736|ref|NP_001191231.1|	681	695	3956	10.73	1.61	42.98	5.34	73.68	18.38	10.73	1.87
22	gi|324021736|ref|NP_001191231.1|	682	696	3957	10.73	3.09	13.92	5.18	74.57	20.72	10.73	5.05
22	gi|324021736|ref|NP_001191231.1|	683	697	3958	10.73	6.38	12.84	7.57	74.57	28.02	10.73	5.62
22	gi|324021736|ref|NP_001191231.1|	684	698	3959	13.69	13.69	12.23	11.32	74.57	31.77	10.73	20.38
22	gi|324021736|ref|NP_001191231.1|	685	699	3960	12.88	64.98	3.95	12.37	26.69	26.25	12.88	9.44
22	gi|324021736|ref|NP_001191231.1|	686	700	3961	13.73	67.93	5.68	13.28	25.32	26.38	13.73	9.44
23	gi|324021740|ref|NP_001191232.1|	1	15	3962	18.16	8.01	18.16	1.76	30.04	83.52	22.59	4.48
23	gi|324021740|ref|NP_001191232.1|	2	16	3963	18.16	10.25	18.16	3.14	30.04	46.47	22.59	3.73
23	gi|324021740|ref|NP_001191232.1|	3	17	3964	11.22	7.76	17.78	3.04	30.04	11.22	22.59	3.73
23	gi|324021740|ref|NP_001191232.1|	4	18	3965	3.91	7.76	2.93	1.7	30.04	3.91	22.59	3.73
23	gi|324021740|ref|NP_001191232.1|	5	19	3966	3.73	7.76	2.96	1.48	30.04	3.46	22.59	3.73
23	gi|324021740|ref|NP_001191232.1|	6	20	3967	3.79	7.76	3.79	2.03	30.04	3.04	22.59	3.73
23	gi|324021740|ref|NP_001191232.1|	7	21	3968	4.22	7.76	3.93	2.3	30.04	4.22	23.68	3.73
23	gi|324021740|ref|NP_001191232.1|	8	22	3969	8.31	8.1	4.48	14.24	58.84	8.31	23.68	3.73
23	gi|324021740|ref|NP_001191232.1|	34	48	3970	18.62	24.06	28.98	5.12	18.62	23.66	16.9	8.92
23	gi|324021740|ref|NP_001191232.1|	37	51	3971	14.42	14.1	54.84	14.42	37.39	39.74	12.13	8.76
23	gi|324021740|ref|NP_001191232.1|	66	80	3972	18.29	16.6	64.66	12.95	18.29	56.31	13.37	35.44
23	gi|324021740|ref|NP_001191232.1|	67	81	3973	18.84	16.6	33.45	14.34	18.84	48.26	14.15	30.45
23	gi|324021740|ref|NP_001191232.1|	68	82	3974	17.62	16.6	30.85	16.37	17.62	40.81	15.31	31.24
23	gi|324021740|ref|NP_001191232.1|	109	123	3975	10.16	2.99	13.19	10.16	9	29.28	53.52	6.18
23	gi|324021740|ref|NP_001191232.1|	110	124	3976	10.98	7.14	16.42	10.98	10.28	24.39	56.2	6.18
23	gi|324021740|ref|NP_001191232.1|	111	125	3977	16.77	8.11	21.67	16.77	10.87	30.78	56.2	6.18
23	gi|324021740|ref|NP_001191232.1|	112	126	3978	17.1	9.33	25.26	17.1	12.55	27.72	55.94	6.18

Table 2

23	gi|324021740|ref|NP_001191232.1|	113	127	3979	19.36	8.19	29.53	15.71	19.36	25.22	36.02	6.18
23	gi|324021740|ref|NP_001191232.1|	129	143	3980	17.8	4.29	24.31	36.78	12.18	32.66	8.07	17.8
23	gi|324021740|ref|NP_001191232.1|	130	144	3981	17.32	4.29	25.76	36.02	11.35	23.97	6.23	17.32
23	gi|324021740|ref|NP_001191232.1|	131	145	3982	17.8	4.29	29.79	37.43	11.07	23.67	5.06	17.8
23	gi|324021740|ref|NP_001191232.1|	132	146	3983	17.8	4.29	32.48	40.72	11.35	22.19	5.42	17.8
23	gi|324021740|ref|NP_001191232.1|	133	147	3984	17.8	4.29	40.04	41.82	14.57	30.01	5.57	17.8
23	gi|324021740|ref|NP_001191232.1|	377	391	3985	12.65	11.59	2.41	14.19	46.57	27.82	12.65	9.33
23	gi|324021740|ref|NP_001191232.1|	378	392	3986	11.59	11.59	4.17	16.75	46.57	40.08	11.18	9.61
23	gi|324021740|ref|NP_001191232.1|	382	396	3987	19.49	11.59	36.71	28.21	27.6	19.49	17.89	7.03
23	gi|324021740|ref|NP_001191232.1|	384	398	3988	18.08	1.01	36.71	24.99	18.08	6.83	23.85	10.53
23	gi|324021740|ref|NP_001191232.1|	385	399	3989	16.28	1.01	36.71	35.76	16.28	7.73	23.85	10.53
23	gi|324021740|ref|NP_001191232.1|	386	400	3990	15.4	0.9	36.71	36.34	15.4	10.75	23.85	10.53
23	gi|324021740|ref|NP_001191232.1|	399	413	3991	11.41	11.41	18.91	23.45	44.73	9.3	6.83	0.11
23	gi|324021740|ref|NP_001191232.1|	400	414	3992	11.41	11.41	20.11	23.45	44.73	6.3	7.29	0.11
23	gi|324021740|ref|NP_001191232.1|	401	415	3993	11.41	11.41	16.69	23.45	44.73	4.98	10.28	0.11
23	gi|324021740|ref|NP_001191232.1|	402	416	3994	11.41	11.41	15.27	14.17	44.73	5.89	10.96	0.11
23	gi|324021740|ref|NP_001191232.1|	403	417	3995	15.33	11.41	19.44	15.33	50.74	10.6	27.94	0.11
23	gi|324021740|ref|NP_001191232.1|	409	423	3996	17.2	10.76	38.78	10.24	24.36	17.2	29.26	5.51
23	gi|324021740|ref|NP_001191232.1|	410	424	3997	6.09	4.5	38.78	5.93	23.79	6.09	23.25	0.17
23	gi|324021740|ref|NP_001191232.1|	411	425	3998	4.84	4.48	38.78	4.84	23.35	2.92	19.97	0.17
23	gi|324021740|ref|NP_001191232.1|	412	426	3999	5.12	4.35	44.09	5.12	29.04	3.31	14.99	0.17
23	gi|324021740|ref|NP_001191232.1|	413	427	4000	4.21	4.21	49.35	3.7	34.21	3.6	14.15	0.17
23	gi|324021740|ref|NP_001191232.1|	414	428	4001	6.05	5.77	36.41	3.7	37.22	6.05	14.15	0.17
23	gi|324021740|ref|NP_001191232.1|	415	429	4002	11.72	11.72	40.88	8.57	37.22	10.69	14.15	0.17
23	gi|324021740|ref|NP_001191232.1|	416	430	4003	14.15	2.97	42.7	10.62	58.75	20.99	14.15	0.17
23	gi|324021740|ref|NP_001191232.1|	429	443	4004	18.35	15.86	6.48	15.75	24.93	21.82	18.35	21.62
23	gi|324021740|ref|NP_001191232.1|	430	444	4005	16.16	14.8	7.06	16.16	24.75	21.11	13.95	21.62
23	gi|324021740|ref|NP_001191232.1|	431	445	4006	16.53	15.33	7.19	16.53	23.94	23.36	11.06	21
23	gi|324021740|ref|NP_001191232.1|	433	447	4007	16.89	29.92	13.26	11.54	9.64	27.69	16.89	21
23	gi|324021740|ref|NP_001191232.1|	434	448	4008	13.07	7.66	17.05	13.07	9.64	24.16	14.58	4.44
23	gi|324021740|ref|NP_001191232.1|	435	449	4009	14.78	2.85	25.54	14.78	9.64	18.11	17.58	4.56
23	gi|324021740|ref|NP_001191232.1|	436	450	4010	15.49	2.83	50.6	15.49	9.64	17.09	18.03	4.61
23	gi|324021740|ref|NP_001191232.1|	437	451	4011	13.67	2.67	39.13	15.67	9.64	13.67	17.58	4.1
23	gi|324021740|ref|NP_001191232.1|	438	452	4012	16.28	2.64	47.72	16.28	9.64	18	17.58	5.29
23	gi|324021740|ref|NP_001191232.1|	439	453	4013	19.16	3.6	52.43	19.16	9.64	23.82	21.98	8.97
23	gi|324021740|ref|NP_001191232.1|	445	459	4014	8.92	13.71	11.79	8.33	8.22	18.71	0.68	8.92
23	gi|324021740|ref|NP_001191232.1|	446	460	4015	8.92	13.38	13.07	8.14	7.99	8.92	0.68	8.92
23	gi|324021740|ref|NP_001191232.1|	447	461	4016	7.63	12.45	11.24	8.52	7.26	5.25	0.74	7.63
23	gi|324021740|ref|NP_001191232.1|	448	462	4017	6.17	12.03	6.17	8.96	6.62	4.54	0.71	5.63
23	gi|324021740|ref|NP_001191232.1|	449	463	4018	6.58	4.01	7.71	10.02	11.15	5.23	2.64	6.58
23	gi|324021740|ref|NP_001191232.1|	450	464	4019	9.77	4.01	11.12	11.67	17.92	8.38	2.64	9.77
23	gi|324021740|ref|NP_001191232.1|	451	465	4020	13.07	4.01	13.07	14.76	24.23	16.88	2.64	12.09
23	gi|324021740|ref|NP_001191232.1|	452	466	4021	19.31	4.01	25.01	15.96	24.23	19.31	8.43	24.02
23	gi|324021740|ref|NP_001191232.1|	453	467	4022	7.9	4.01	23.29	7.9	24.23	22.04	4.42	4.06
23	gi|324021740|ref|NP_001191232.1|	454	468	4023	9.43	4.01	31.64	9.43	41.99	22.17	4.94	4.04
23	gi|324021740|ref|NP_001191232.1|	455	469	4024	8.85	4.01	40.87	8.85	41.99	18.64	2.53	3.57
23	gi|324021740|ref|NP_001191232.1|	456	470	4025	10.09	10.09	20.24	8.57	41.99	12.63	1.87	3.28
23	gi|324021740|ref|NP_001191232.1|	457	471	4026	8.77	13	22.7	8.57	41.99	8.77	1.41	3.19

Table 2

23	gi|324021740|ref|NP_001191232.1|	458	472	4027	13	13	14.15	14.6	40.18	5.12	1.14	4.79
23	gi|324021740|ref|NP_001191232.1|	459	473	4028	11.97	13	11.97	14.15	35.9	3.88	1.35	4.64
23	gi|324021740|ref|NP_001191232.1|	460	474	4029	5.42	4.11	1.43	9.62	30.92	1.92	9.57	5.42
23	gi|324021740|ref|NP_001191232.1|	461	475	4030	5.42	3.51	2.03	10.16	30.01	1.78	11.64	5.42
23	gi|324021740|ref|NP_001191232.1|	462	476	4031	5.42	3.08	2.41	11.09	34.2	1.65	14.95	5.42
23	gi|324021740|ref|NP_001191232.1|	463	477	4032	5.42	4.12	3.64	11.54	36.83	2.96	22.74	5.42
23	gi|324021740|ref|NP_001191232.1|	464	478	4033	7.21	7.21	4.86	6.95	15.17	5.51	9.49	9.44
23	gi|324021740|ref|NP_001191232.1|	465	479	4034	7.81	7.21	6.64	6.95	15.17	7.81	11.64	9.44
23	gi|324021740|ref|NP_001191232.1|	466	480	4035	9.44	4.37	10.26	5.83	15.17	9.14	17.08	9.44
23	gi|324021740|ref|NP_001191232.1|	467	481	4036	9.97	4.37	27.37	6.95	15.17	6.6	18.43	9.97
23	gi|324021740|ref|NP_001191232.1|	468	482	4037	9.97	4.37	27.37	6.95	15.17	6.04	16.8	9.97
23	gi|324021740|ref|NP_001191232.1|	469	483	4038	10.26	4.37	27.37	7.35	15.17	5.44	15.7	10.26
23	gi|324021740|ref|NP_001191232.1|	470	484	4039	10.43	4.37	27.37	8.12	15.17	7.62	15.88	10.43
23	gi|324021740|ref|NP_001191232.1|	471	485	4040	19.23	4.37	27.37	15.53	19.23	14.61	35.21	20.31
23	gi|324021740|ref|NP_001191232.1|	496	510	4041	17.93	8.84	47.61	17.93	17.64	53.49	38.61	3.19
23	gi|324021740|ref|NP_001191232.1|	498	512	4042	17.93	8.84	37.07	17.93	72.64	30.74	16.17	3.19
23	gi|324021740|ref|NP_001191232.1|	499	513	4043	16.74	2.7	41.68	12.67	20.36	16.74	16.75	3.19
23	gi|324021740|ref|NP_001191232.1|	500	514	4044	12.74	1.95	48.66	12.74	20.08	12.07	16.92	3.19
23	gi|324021740|ref|NP_001191232.1|	501	515	4045	15.57	1.24	51.93	19.71	18.52	12.05	15.57	3.19
23	gi|324021740|ref|NP_001191232.1|	502	516	4046	15.74	0.98	59.29	26.33	15.74	21.62	15.51	3.19
23	gi|324021740|ref|NP_001191232.1|	543	557	4047	19.31	4.45	30.38	19.31	1.79	56.45	64.47	18.28
23	gi|324021740|ref|NP_001191232.1|	580	594	4048	19.12	3.22	28.72	24.95	0.07	19.12	83.87	7.03
23	gi|324021740|ref|NP_001191232.1|	581	595	4049	12.81	11.48	12.81	42.92	0.19	27.43	40.49	12.22
23	gi|324021740|ref|NP_001191232.1|	582	596	4050	9.29	9.29	3.98	32.48	0.46	44.24	30.06	8.19
23	gi|324021740|ref|NP_001191232.1|	584	598	4051	14.99	9.11	6.05	25.05	9.77	31.37	14.99	18.44
23	gi|324021740|ref|NP_001191232.1|	585	599	4052	9.11	9.11	6.05	24.14	9.01	23.96	8.55	18.44
23	gi|324021740|ref|NP_001191232.1|	586	600	4053	10.34	9.08	7.21	24.37	10.32	23.4	10.34	18.44
23	gi|324021740|ref|NP_001191232.1|	587	601	4054	14.91	11.16	14.91	27.27	10.57	29.31	10.95	18.44
23	gi|324021740|ref|NP_001191232.1|	588	602	4055	18.44	26.46	15.21	19.25	12.71	41.47	12.26	18.44
23	gi|324021740|ref|NP_001191232.1|	592	606	4056	16.6	16.6	62.93	15.93	14.8	31.68	13.21	19.08
23	gi|324021740|ref|NP_001191232.1|	593	607	4057	19.25	16.6	64.29	19.25	14.88	26.04	31.02	19.08
23	gi|324021740|ref|NP_001191232.1|	611	625	4058	13.71	0.58	4.71	12.8	29.11	86.85	13.71	15.33
23	gi|324021740|ref|NP_001191232.1|	612	626	4059	13.71	0.53	4.71	12.46	28.51	86.23	13.71	15.28
23	gi|324021740|ref|NP_001191232.1|	613	627	4060	12.04	0.5	4.71	11.23	27.22	84.85	13.71	12.04
23	gi|324021740|ref|NP_001191232.1|	614	628	4061	12.62	0.47	4.71	11.07	26.74	85.44	13.71	12.62
23	gi|324021740|ref|NP_001191232.1|	615	629	4062	11.6	0.48	4.71	11.6	30.14	88.23	13.71	11.08
23	gi|324021740|ref|NP_001191232.1|	616	630	4063	11.66	1.57	4.71	6.92	36.05	90.79	13.71	11.66
23	gi|324021740|ref|NP_001191232.1|	617	631	4064	4.71	0.06	4.71	6.15	36.05	75.39	0.38	1.61
23	gi|324021740|ref|NP_001191232.1|	618	632	4065	6.44	0.36	10.24	6.44	47.3	59.93	0.46	0.71
23	gi|324021740|ref|NP_001191232.1|	619	633	4066	6.36	0.36	10.24	6.36	49.29	44.95	0.69	0.59
23	gi|324021740|ref|NP_001191232.1|	620	634	4067	7.12	0.36	31.67	7.12	49.81	38.74	0.81	0.59
23	gi|324021740|ref|NP_001191232.1|	621	635	4068	5.02	0.36	31.67	5.02	52.53	24.7	1.88	0.53
23	gi|324021740|ref|NP_001191232.1|	622	636	4069	3.93	0.44	31.67	3.93	55.21	20.92	1.42	0.64
23	gi|324021740|ref|NP_001191232.1|	623	637	4070	3.95	0.45	31.67	3.95	57.48	20.46	1.92	1.01
23	gi|324021740|ref|NP_001191232.1|	624	638	4071	10.73	1.58	40.59	5.11	74.57	18.31	10.73	1.48
23	gi|324021740|ref|NP_001191232.1|	625	639	4072	10.73	1.61	42.98	5.34	73.68	18.38	10.73	1.87
23	gi|324021740|ref|NP_001191232.1|	626	640	4073	10.73	3.09	13.92	5.18	74.57	20.72	10.73	5.05
23	gi|324021740|ref|NP_001191232.1|	627	641	4074	10.73	6.38	12.84	7.57	74.57	28.02	10.73	5.62

Table 2

23	gi|324021740|ref|NP_001191232.1|	628	642	4075	13.69	13.69	12.23	11.32	74.57	31.77	10.73	20.38
23	gi|324021740|ref|NP_001191232.1|	629	643	4076	12.88	64.98	3.95	12.37	26.69	26.25	12.88	9.44
23	gi|324021740|ref|NP_001191232.1|	630	644	4077	13.73	67.93	5.68	13.28	25.32	26.38	13.73	9.44
24	gi|130750552|gb|ABO32290.1|	21	35	4078	10.29	1.42	4.52	17.87	4.14	46.95	11.11	10.29
24	gi|130750552|gb|ABO32290.1|	22	36	4079	7.32	1.42	5.93	17.87	4.14	37.03	7.32	9.72
24	gi|130750552|gb|ABO32290.1|	23	37	4080	7.32	1.42	6.21	18.84	4.14	35.03	7.32	10.78
24	gi|130750552|gb|ABO32290.1|	24	38	4081	7.32	1.42	6.21	20.34	4.14	32.44	7.32	10.65
24	gi|130750552|gb|ABO32290.1|	25	39	4082	8.06	1.42	6.21	25.66	4.14	37.78	8.06	10.91
24	gi|130750552|gb|ABO32290.1|	26	40	4083	9.11	2.83	6.21	30.71	4.14	49.18	9.11	18.85
24	gi|130750552|gb|ABO32290.1|	48	62	4084	13	8.51	20.28	13	61.23	27.3	7.6	6.24
24	gi|130750552|gb|ABO32290.1|	49	63	4085	13.31	10.88	24.59	13.31	60.26	16.57	9.02	6.15
24	gi|130750552|gb|ABO32290.1|	50	64	4086	14.37	11.35	27.6	14.37	60.61	17.04	9.39	6.44
24	gi|130750552|gb|ABO32290.1|	51	65	4087	13.84	12.14	28.74	13.84	56.96	20.12	6.56	6.46
24	gi|130750552|gb|ABO32290.1|	52	66	4088	14.5	12.46	32.59	14.5	58.3	23.57	9.85	6.64
24	gi|130750552|gb|ABO32290.1|	66	80	4089	18.72	18.72	13.51	4.06	33.19	21.44	59.52	0.06
24	gi|130750552|gb|ABO32290.1|	67	81	4090	14.09	7.97	15.11	4.06	14.09	15.49	54.56	0.06
24	gi|130750552|gb|ABO32290.1|	68	82	4091	11.88	6.27	17.05	4.06	13.74	11.88	49.47	0.06
24	gi|130750552|gb|ABO32290.1|	69	83	4092	12.25	6.18	18.57	4.06	13.08	12.25	47.86	0.06
24	gi|130750552|gb|ABO32290.1|	70	84	4093	13	6.18	18.95	7.47	13	14.89	40.84	0.2
24	gi|130750552|gb|ABO32290.1|	71	85	4094	11.19	5.24	21.55	7.69	11.19	24.56	38.42	0.2
24	gi|130750552|gb|ABO32290.1|	88	102	4095	19.74	15.89	13.38	33.77	75.22	57.34	19.74	3.84
24	gi|130750552|gb|ABO32290.1|	93	107	4096	19.8	10.56	19.8	39.03	75.22	42	11.18	6.6
24	gi|130750552|gb|ABO32290.1|	100	114	4097	14.36	6.25	10.65	8.33	43.34	67.74	29.15	14.36
24	gi|130750552|gb|ABO32290.1|	117	131	4098	18.61	26.16	5.5	5.61	18.61	59.88	67.6	9.21
24	gi|130750552|gb|ABO32290.1|	118	132	4099	17.54	26.16	5.5	5.61	17.54	50.08	69.2	7.67
24	gi|130750552|gb|ABO32290.1|	119	133	4100	14.88	26.16	5.5	5.9	14.88	45.84	69.02	10.33
24	gi|130750552|gb|ABO32290.1|	120	134	4101	15.35	26.16	5.5	9.36	15.35	44.86	66.94	10.23
24	gi|130750552|gb|ABO32290.1|	125	139	4102	19.34	6.58	33.33	19.34	37.29	54.5	8.21	9.97
24	gi|130750552|gb|ABO32290.1|	126	140	4103	18.42	4.01	37.2	18.42	37.29	46.08	5.14	4.34
24	gi|130750552|gb|ABO32290.1|	127	141	4104	17.68	4.01	39.58	17.68	37.29	42.81	3.36	4.34
24	gi|130750552|gb|ABO32290.1|	128	142	4105	18.65	4.01	57.97	18.65	37.29	43.88	2.26	4.34
24	gi|130750552|gb|ABO32290.1|	129	143	4106	19.07	0.78	60.39	19.07	37.29	40	6.44	4.34
24	gi|130750552|gb|ABO32290.1|	153	167	4107	18.98	22.43	18.98	11.51	73.14	26.25	2.2	3.49
24	gi|130750552|gb|ABO32290.1|	154	168	4108	8.34	8.34	7.36	11.51	66.2	20.75	1.35	3.47
24	gi|130750552|gb|ABO32290.1|	155	169	4109	10.12	8.34	10.12	11.51	46.59	22.61	1.12	3.54
24	gi|130750552|gb|ABO32290.1|	156	170	4110	11.51	8.84	15.89	11.51	46.59	26.36	1.03	3.7
24	gi|130750552|gb|ABO32290.1|	157	171	4111	11.51	8.84	20.87	11.51	46.59	25.13	0.9	3.93
24	gi|130750552|gb|ABO32290.1|	158	172	4112	18.02	8.84	26.72	20.21	18.02	30.84	2.84	10.08
24	gi|130750552|gb|ABO32290.1|	159	173	4113	18.02	8.84	37.34	23.53	18.02	44.48	3.13	10.9
24	gi|130750552|gb|ABO32290.1|	201	215	4114	15.08	11.41	45.82	3.75	4.52	74.65	35.75	15.08
24	gi|130750552|gb|ABO32290.1|	202	216	4115	15.33	11.41	48.88	3.75	6.72	77.32	29.38	15.33
24	gi|130750552|gb|ABO32290.1|	204	218	4116	18.87	29.97	28.33	3.75	17.74	47.51	18.87	13.47
24	gi|130750552|gb|ABO32290.1|	205	219	4117	17.25	26.82	24.9	3.75	16.21	41.35	17.25	13.47
24	gi|130750552|gb|ABO32290.1|	206	220	4118	15.52	25.32	25.01	7.32	15.09	34.85	15.52	13.47
24	gi|130750552|gb|ABO32290.1|	207	221	4119	15.25	22.12	25.75	7.3	6.61	32.64	15.25	13.47
24	gi|130750552|gb|ABO32290.1|	212	226	4120	19.61	14.24	35.37	19.61	13.29	67.19	33.06	14.13
24	gi|130750552|gb|ABO32290.1|	213	227	4121	15.43	11.66	40.8	15.43	13.29	59.05	33.06	14.13
24	gi|130750552|gb|ABO32290.1|	214	228	4122	13.29	5.24	29.72	7.66	13.29	43.8	22.28	5.79

Table 2

24	gi|130750552|gb|ABO32290.1|	215	229	4123	7.76	7.76	29.72	4.69	5.72	25.04	22.28	5.79
24	gi|130750552|gb|ABO32290.1|	216	230	4124	7.72	7.72	29.72	4.12	5.82	19.14	29.22	5.79
24	gi|130750552|gb|ABO32290.1|	217	231	4125	11.93	11.93	28.38	4.64	5.68	14.78	38.63	5.79
24	gi|130750552|gb|ABO32290.1|	218	232	4126	11.85	11.85	29.72	5.04	5.68	15.85	43.68	6.35
24	gi|130750552|gb|ABO32290.1|	219	233	4127	19.3	19.3	29.72	10.47	9.48	21.07	48.01	7.55
24	gi|130750552|gb|ABO32290.1|	220	234	4128	13.69	27.71	10.17	8.61	13.69	26.57	42.49	11.42
24	gi|130750552|gb|ABO32290.1|	221	235	4129	18.46	40.03	10.28	9.24	18.46	38.58	42.04	11.6
24	gi|130750552|gb|ABO32290.1|	222	236	4130	16.06	53.74	11.78	14.69	0.31	49.57	39.49	16.06
24	gi|130750552|gb|ABO32290.1|	223	237	4131	18.1	57.52	12.04	18.1	0.29	56.16	37.71	16.02
24	gi|130750552|gb|ABO32290.1|	227	241	4132	18.69	13.77	7.3	48.69	0.98	42.76	21.97	18.69
24	gi|130750552|gb|ABO32290.1|	228	242	4133	18.25	7.76	7.47	48.8	0.1	30.61	18.25	19.55
24	gi|130750552|gb|ABO32290.1|	243	257	4134	8.92	5.24	1.64	1.33	56.34	14.8	23.54	8.92
24	gi|130750552|gb|ABO32290.1|	244	258	4135	5.12	4.45	1.73	1.2	55.49	5.12	9.81	5.85
24	gi|130750552|gb|ABO32290.1|	245	259	4136	4.44	4.44	2.53	1.18	54.68	3.62	7.4	5.8
24	gi|130750552|gb|ABO32290.1|	246	260	4137	4.44	4.44	3.29	2.56	57.82	2.77	6.77	5.98
24	gi|130750552|gb|ABO32290.1|	247	261	4138	4.51	4.51	4.5	2.77	64.58	3.35	6.51	6.6
24	gi|130750552|gb|ABO32290.1|	248	262	4139	6.45	10.19	5.61	4.42	69.06	4.52	6.45	12.04
24	gi|130750552|gb|ABO32290.1|	249	263	4140	7.42	2.8	7.42	4.42	72.04	17.04	9.62	2.44
24	gi|130750552|gb|ABO32290.1|	309	323	4141	19.74	47.83	18.27	14.23	9.96	22.21	38.82	19.74
24	gi|130750552|gb|ABO32290.1|	310	324	4142	11.07	9.61	13.07	11.07	0.01	1.43	33.28	14.34
24	gi|130750552|gb|ABO32290.1|	311	325	4143	11.64	9.61	16.95	11.64	2.13	0.21	26.76	14.34
24	gi|130750552|gb|ABO32290.1|	312	326	4144	14.34	9.61	19.5	16.76	2.19	0.09	24.31	14.34
24	gi|130750552|gb|ABO32290.1|	313	327	4145	14.34	9.61	22.92	17.04	2.41	0.08	23.64	14.34
24	gi|130750552|gb|ABO32290.1|	314	328	4146	14.34	9.61	26.73	19.95	4.24	0.17	19.56	14.34
24	gi|130750552|gb|ABO32290.1|	315	329	4147	17	9.61	27.64	32.48	7.52	0.63	19.56	17
24	gi|130750552|gb|ABO32290.1|	316	330	4148	13.47	9.61	16.41	29.23	10.59	9.27	19.56	13.47
24	gi|130750552|gb|ABO32290.1|	317	331	4149	17.29	15.02	22.82	36.02	10.59	36.32	17.29	13.47
24	gi|130750552|gb|ABO32290.1|	318	332	4150	15.84	15.02	25.13	35.9	10.59	25.39	15.84	13.47
24	gi|130750552|gb|ABO32290.1|	319	333	4151	15.02	15.02	25.13	37.41	10.59	22.5	11.49	13.47
24	gi|130750552|gb|ABO32290.1|	320	334	4152	15.02	15.02	25.13	41.44	10.59	21.55	9.54	13.47
24	gi|130750552|gb|ABO32290.1|	334	348	4153	19.02	4.75	83.15	19.02	23.58	40.13	5.34	3.29
25	gi|48145611|emb|CAG33028.1|	282	296	4154	18.49	18.49	9.71	30.95	63.36	39.92	9.44	18.44
25	gi|48145611|emb|CAG33028.1|	283	297	4155	17.83	18.15	10.32	17.83	75.22	22.64	8.89	17.8
25	gi|48145611|emb|CAG33028.1|	284	298	4156	17.21	17.21	8.64	17.24	74.15	14.59	8.66	17.8
25	gi|48145611|emb|CAG33028.1|	285	299	4157	17.8	16.8	11.47	18.04	74.97	15.8	22	17.8
25	gi|48145611|emb|CAG33028.1|	286	300	4158	18.22	9.11	15.07	18.22	75.22	19.44	26.58	17.8
25	gi|48145611|emb|CAG33028.1|	299	313	4159	11.59	27.56	14.41	11.59	27.07	10.09	10.59	0.86
25	gi|48145611|emb|CAG33028.1|	300	314	4160	11.95	28.77	18.11	11.95	27.07	7.95	8.63	0.86
25	gi|48145611|emb|CAG33028.1|	301	315	4161	14.06	41.58	22.81	14.06	67.82	6.8	6.81	0.86
25	gi|48145611|emb|CAG33028.1|	302	316	4162	7.44	24.63	26.45	7.44	69.74	5.02	6.62	0.26
25	gi|48145611|emb|CAG33028.1|	303	317	4163	12.03	19.4	31.19	7.44	72.92	4.88	12.03	0.26
25	gi|48145611|emb|CAG33028.1|	304	318	4164	7.44	5.04	31.19	7.44	73.1	7.02	14.42	0.26
25	gi|48145611|emb|CAG33028.1|	305	319	4165	14.59	4.35	43.33	7.44	75.22	15.62	14.59	0.26
25	gi|48145611|emb|CAG33028.1|	308	322	4166	13.76	4.61	13.76	10.3	69.7	39.36	35.52	1.11
25	gi|48145611|emb|CAG33028.1|	358	372	4167	15.76	3.93	16	19.93	27.9	10.23	15.76	1.87
25	gi|48145611|emb|CAG33028.1|	359	373	4168	4.21	2.91	3.55	15.59	18.24	4.21	15.76	1.87
25	gi|48145611|emb|CAG33028.1|	360	374	4169	4.84	1.85	3.62	14.92	18.24	4.84	17.99	1.87
25	gi|48145611|emb|CAG33028.1|	361	375	4170	3.44	1.04	3.44	15.25	18.24	3.22	17.56	1.71

Table 2

25	gi|48145611|emb|CAG33028.1|	362	376	4171	3.82	2.07	3.45	15.25	18.24	3.82	19.62	1.87
25	gi|48145611|emb|CAG33028.1|	363	377	4172	10.06	3.93	10.06	17.13	18.24	6.57	36.55	1.87
25	gi|48145611|emb|CAG33028.1|	364	378	4173	18.23	3.93	10.38	18.66	18.24	18.23	35.57	1.87
26	gi|4826734|ref|NP_004951.1|	282	296	4174	18.49	18.49	9.71	30.95	63.36	39.92	9.44	18.44
26	gi|4826734|ref|NP_004951.1|	283	297	4175	17.83	18.15	10.32	17.83	75.22	22.64	8.89	17.8
26	gi|4826734|ref|NP_004951.1|	284	298	4176	17.21	17.21	8.64	17.24	74.15	14.59	8.66	17.8
26	gi|4826734|ref|NP_004951.1|	285	299	4177	17.8	16.8	11.47	18.04	74.97	15.8	22	17.8
26	gi|4826734|ref|NP_004951.1|	286	300	4178	18.22	9.11	15.07	18.22	75.22	19.44	26.58	17.8
26	gi|4826734|ref|NP_004951.1|	299	313	4179	11.59	27.56	14.41	11.59	27.07	10.09	10.59	0.86
26	gi|4826734|ref|NP_004951.1|	300	314	4180	11.95	28.77	18.11	11.95	27.07	7.95	8.63	0.86
26	gi|4826734|ref|NP_004951.1|	301	315	4181	14.06	41.58	22.81	14.06	67.82	6.8	6.81	0.86
26	gi|4826734|ref|NP_004951.1|	302	316	4182	7.44	24.63	26.45	7.44	69.74	5.02	6.62	0.26
26	gi|4826734|ref|NP_004951.1|	303	317	4183	12.03	19.4	31.19	7.44	72.92	4.88	12.03	0.26
26	gi|4826734|ref|NP_004951.1|	304	318	4184	7.44	5.04	31.19	7.44	73.1	7.02	14.42	0.26
26	gi|4826734|ref|NP_004951.1|	305	319	4185	14.59	4.35	43.33	7.44	75.22	15.62	14.59	0.26
26	gi|4826734|ref|NP_004951.1|	308	322	4186	13.76	4.61	13.76	10.3	69.7	39.36	35.52	1.11
26	gi|4826734|ref|NP_004951.1|	358	372	4187	15.76	3.93	16	19.93	27.9	10.23	15.76	1.87
26	gi|4826734|ref|NP_004951.1|	359	373	4188	4.21	2.91	3.55	15.59	18.24	4.21	15.76	1.87
26	gi|4826734|ref|NP_004951.1|	360	374	4189	4.84	1.85	3.62	14.92	18.24	4.84	17.99	1.87
26	gi|4826734|ref|NP_004951.1|	361	375	4190	3.44	1.04	3.44	15.25	18.24	3.22	17.56	1.71
26	gi|4826734|ref|NP_004951.1|	362	376	4191	3.82	2.07	3.45	15.25	18.24	3.82	19.62	1.87
26	gi|4826734|ref|NP_004951.1|	363	377	4192	10.06	3.93	10.06	17.13	18.24	6.57	36.55	1.87
26	gi|4826734|ref|NP_004951.1|	364	378	4193	18.23	3.93	10.38	18.66	18.24	18.23	35.57	1.87
27	gi|283135201|ref|NP_001164105.1|	281	295	4194	18.49	18.49	9.71	30.95	63.36	39.92	9.44	18.44
27	gi|283135201|ref|NP_001164105.1|	282	296	4195	17.83	18.15	10.32	17.83	75.22	22.64	8.89	17.8
27	gi|283135201|ref|NP_001164105.1|	283	297	4196	17.21	17.21	8.64	17.24	74.15	14.59	8.66	17.8
27	gi|283135201|ref|NP_001164105.1|	284	298	4197	17.8	16.8	11.47	18.04	74.97	15.8	22	17.8
27	gi|283135201|ref|NP_001164105.1|	285	299	4198	18.22	9.11	15.07	18.22	75.22	19.44	26.58	17.8
27	gi|283135201|ref|NP_001164105.1|	298	312	4199	11.59	27.56	14.41	11.59	27.07	10.09	10.59	0.86
27	gi|283135201|ref|NP_001164105.1|	299	313	4200	11.95	28.77	18.11	11.95	27.07	7.95	8.63	0.86
27	gi|283135201|ref|NP_001164105.1|	300	314	4201	14.06	41.58	22.81	14.06	67.82	6.8	6.81	0.86
27	gi|283135201|ref|NP_001164105.1|	301	315	4202	7.44	24.63	26.45	7.44	69.74	5.02	6.62	0.26
27	gi|283135201|ref|NP_001164105.1|	302	316	4203	12.03	19.4	31.19	7.44	72.92	4.88	12.03	0.26
27	gi|283135201|ref|NP_001164105.1|	303	317	4204	7.44	5.04	31.19	7.44	73.1	7.02	14.42	0.26
27	gi|283135201|ref|NP_001164105.1|	304	318	4205	14.59	4.35	43.33	7.44	75.22	15.62	14.59	0.26
27	gi|283135201|ref|NP_001164105.1|	307	321	4206	13.76	4.61	13.76	10.3	69.7	39.36	35.52	1.11
27	gi|283135201|ref|NP_001164105.1|	357	371	4207	15.76	3.93	16	19.93	27.9	10.23	15.76	1.87
27	gi|283135201|ref|NP_001164105.1|	358	372	4208	4.21	2.91	3.55	15.59	18.24	4.21	15.76	1.87
27	gi|283135201|ref|NP_001164105.1|	359	373	4209	4.84	1.85	3.62	14.92	18.24	4.84	17.99	1.87
27	gi|283135201|ref|NP_001164105.1|	360	374	4210	3.44	1.04	3.44	15.25	18.24	3.22	17.56	1.71
27	gi|283135201|ref|NP_001164105.1|	361	375	4211	3.82	2.07	3.45	15.25	18.24	3.82	19.62	1.87
27	gi|283135201|ref|NP_001164105.1|	362	376	4212	10.06	3.93	10.06	17.13	18.24	6.57	36.55	1.87
27	gi|283135201|ref|NP_001164105.1|	363	377	4213	18.23	3.93	10.38	18.66	18.24	18.23	35.57	1.87
28	gi|283135173|ref|NP_001164408.1|	278	292	4214	18.49	18.49	9.71	30.95	63.36	39.92	9.44	18.44
28	gi|283135173|ref|NP_001164408.1|	279	293	4215	17.83	18.15	10.32	17.83	75.22	22.64	8.89	17.8
28	gi|283135173|ref|NP_001164408.1|	280	294	4216	17.21	17.21	8.64	17.24	74.15	14.59	8.66	17.8
28	gi|283135173|ref|NP_001164408.1|	281	295	4217	17.8	16.8	11.47	18.04	74.97	15.8	22	17.8
28	gi|283135173|ref|NP_001164408.1|	282	296	4218	18.22	9.11	15.07	18.22	75.22	19.44	26.58	17.8

Table 2

28	gi|283135173|ref|NP_001164408.1|	295	309	4219	11.59	27.56	14.41	11.59	27.07	10.09	10.59	0.86
28	gi|283135173|ref|NP_001164408.1|	296	310	4220	11.95	28.77	18.11	11.95	27.07	7.95	8.63	0.86
28	gi|283135173|ref|NP_001164408.1|	297	311	4221	14.06	41.58	22.81	14.06	67.82	6.8	6.81	0.86
28	gi|283135173|ref|NP_001164408.1|	298	312	4222	7.44	24.63	26.45	7.44	69.74	5.02	6.62	0.26
28	gi|283135173|ref|NP_001164408.1|	299	313	4223	12.03	19.4	31.19	7.44	72.92	4.88	12.03	0.26
28	gi|283135173|ref|NP_001164408.1|	300	314	4224	7.44	5.04	31.19	7.44	73.1	7.02	14.42	0.26
28	gi|283135173|ref|NP_001164408.1|	301	315	4225	14.59	4.35	43.33	7.44	75.22	15.62	14.59	0.26
28	gi|283135173|ref|NP_001164408.1|	304	318	4226	13.76	4.61	13.76	10.3	69.7	39.36	35.52	1.11
28	gi|283135173|ref|NP_001164408.1|	354	368	4227	15.76	3.93	16	19.93	27.9	10.23	15.76	1.87
28	gi|283135173|ref|NP_001164408.1|	355	369	4228	4.21	2.91	3.55	15.59	18.24	4.21	15.76	1.87
28	gi|283135173|ref|NP_001164408.1|	356	370	4229	4.84	1.85	3.62	14.92	18.24	4.84	17.99	1.87
28	gi|283135173|ref|NP_001164408.1|	357	371	4230	3.44	1.04	3.44	15.25	18.24	3.22	17.56	1.71
28	gi|283135173|ref|NP_001164408.1|	358	372	4231	3.82	2.07	3.45	15.25	18.24	3.82	19.62	1.87
28	gi|283135173|ref|NP_001164408.1|	359	373	4232	10.06	3.93	10.06	17.13	18.24	6.57	36.55	1.87
28	gi|283135173|ref|NP_001164408.1|	360	374	4233	18.23	3.93	10.38	18.66	18.24	18.23	35.57	1.87
29	gi|56549111|ref|NP_001008214.1|	35	49	4234	12.23	6.66	40.85	7.98	75.22	51	0.52	12.23
29	gi|56549111|ref|NP_001008214.1|	36	50	4235	12.23	6.24	46.9	8.04	75.22	50.95	0.4	12.23
29	gi|56549111|ref|NP_001008214.1|	37	51	4236	12.23	5.4	52.8	8.12	75.22	49.66	0.4	12.23
29	gi|56549111|ref|NP_001008214.1|	38	52	4237	12.23	6.66	55.97	7.9	75.22	47.26	1.17	12.23
29	gi|56549111|ref|NP_001008214.1|	39	53	4238	12.23	6.66	58.61	10.1	75.22	46.59	1.65	12.23
29	gi|56549111|ref|NP_001008214.1|	40	54	4239	19.31	6.66	36.73	19.31	23.01	44.71	3.47	12.23
29	gi|56549111|ref|NP_001008214.1|	52	66	4240	14.53	7.76	52.54	31.47	14.53	18.09	7.15	9.44
29	gi|56549111|ref|NP_001008214.1|	53	67	4241	11.73	7.76	77.84	33.29	14.53	11.73	7.54	9.44
29	gi|56549111|ref|NP_001008214.1|	54	68	4242	7.76	7.76	80.42	30.15	14.53	7.73	6.79	5.79
29	gi|56549111|ref|NP_001008214.1|	55	69	4243	7.76	7.76	71.76	31.98	14.53	6.23	7.1	5.79
29	gi|56549111|ref|NP_001008214.1|	56	70	4244	11.85	7.76	71.37	26.3	14.53	8.41	11.85	5.79
29	gi|56549111|ref|NP_001008214.1|	57	71	4245	13.09	13.05	75.09	29.64	14.53	11.66	13.09	5.79
29	gi|56549111|ref|NP_001008214.1|	83	97	4246	19.94	9.61	44.89	24.19	75.22	18.88	19.94	3.73
29	gi|56549111|ref|NP_001008214.1|	137	151	4247	8.97	8.97	8.78	27.16	60.94	23.83	4.24	7.18
29	gi|56549111|ref|NP_001008214.1|	138	152	4248	8.88	8.88	8.78	27.16	58.28	14.01	2.8	7.1
29	gi|56549111|ref|NP_001008214.1|	139	153	4249	10.51	8.83	10.51	28.61	56.49	13.82	2.61	7.17
29	gi|56549111|ref|NP_001008214.1|	140	154	4250	10.54	8.81	10.54	27.16	55.4	12.83	2.6	7.03
29	gi|56549111|ref|NP_001008214.1|	141	155	4251	7.79	6.64	17.8	7.79	63.14	9.51	0.91	5.79
29	gi|56549111|ref|NP_001008214.1|	142	156	4252	8.41	10.68	17.84	8.41	33.39	8.11	0.91	5.79
29	gi|56549111|ref|NP_001008214.1|	143	157	4253	7.69	8.48	43.51	7.69	33.39	7.08	0.87	5.79
29	gi|56549111|ref|NP_001008214.1|	144	158	4254	5.79	4.29	15.89	6.08	33.39	4.42	0.61	5.79
29	gi|56549111|ref|NP_001008214.1|	145	159	4255	5.79	4.29	22.12	6.39	33.39	4.86	1.12	5.79
29	gi|56549111|ref|NP_001008214.1|	146	160	4256	5.79	4.29	21.26	13.87	32.98	4.65	5.59	5.79
29	gi|56549111|ref|NP_001008214.1|	147	161	4257	11.33	4.29	22.32	13.65	16.59	6.8	11.33	5.79
29	gi|56549111|ref|NP_001008214.1|	148	162	4258	18.84	6.73	29.74	21.52	18.14	13.88	18.84	20.38
29	gi|56549111|ref|NP_001008214.1|	152	166	4259	14.54	14.92	14.54	6.06	37.32	54.49	6.85	4.34
29	gi|56549111|ref|NP_001008214.1|	153	167	4260	11.59	11.59	17.57	6	49.66	45.7	5.07	4.12
29	gi|56549111|ref|NP_001008214.1|	154	168	4261	4.08	4.08	10.46	3.91	17.82	24.82	3.08	4.01
29	gi|56549111|ref|NP_001008214.1|	155	169	4262	4.01	2.65	13.21	4	16.71	19.9	2.53	4.01
29	gi|56549111|ref|NP_001008214.1|	156	170	4263	8.81	1.74	16.21	8.81	16.68	18.38	1.88	4.01
29	gi|56549111|ref|NP_001008214.1|	157	171	4264	9.74	1.28	19.47	9.74	17.42	18.6	1.38	4.01
29	gi|56549111|ref|NP_001008214.1|	158	172	4265	14.08	2.63	27.91	14.08	30.73	23.15	2.27	4.01
29	gi|56549111|ref|NP_001008214.1|	159	173	4266	18.65	5.17	48.91	18.65	48.73	26.58	7.33	10.53

Table 2

29	gi|56549111|ref|NP_001008214.1|	160	174	4267	13.27	1.77	53.12	13.27	63.66	24.99	8.05	10.53
29	gi|56549111|ref|NP_001008214.1|	161	175	4268	15.36	6.98	22.11	15.36	75.22	22.54	15.22	12.23
29	gi|56549111|ref|NP_001008214.1|	205	219	4269	18.81	18.81	8.74	6.07	75.22	48.75	42.67	4.54
29	gi|56549111|ref|NP_001008214.1|	296	310	4270	14.96	1.99	17.01	14.96	17.27	32.03	2.86	11.66
29	gi|56549111|ref|NP_001008214.1|	297	311	4271	14.47	1.94	14.47	14.54	17.46	15.94	2.13	11.66
29	gi|56549111|ref|NP_001008214.1|	298	312	4272	12.95	1.93	18.91	12.95	17.45	13.44	1.95	8.42
29	gi|56549111|ref|NP_001008214.1|	299	313	4273	10.42	1.8	18.74	10.42	17.14	10.69	1.93	8.42
29	gi|56549111|ref|NP_001008214.1|	300	314	4274	10.98	1.73	18.91	10.98	22.1	11.98	4.62	8.42
29	gi|56549111|ref|NP_001008214.1|	301	315	4275	12.95	4.7	18.91	12.95	28.2	15.2	5.75	8.42
29	gi|56549111|ref|NP_001008214.1|	302	316	4276	15.54	4.72	27.9	15.54	35.21	27.95	6.97	8.42
29	gi|56549111|ref|NP_001008214.1|	304	318	4277	13.05	12.33	36.74	13.05	70.51	50.7	12.73	8.42
29	gi|56549111|ref|NP_001008214.1|	307	321	4278	17.74	13.04	15.07	25.35	70.51	33.03	17.74	15.26
29	gi|56549111|ref|NP_001008214.1|	362	376	4279	19.73	4.77	69.58	19.73	74.94	45.02	14.57	3.19
29	gi|56549111|ref|NP_001008214.1|	382	396	4280	14.96	14.96	16.13	4.42	43.81	16.9	0.45	7.39
29	gi|56549111|ref|NP_001008214.1|	383	397	4281	2.81	9.33	0.04	2.88	28.73	1.81	0.45	2.81
29	gi|56549111|ref|NP_001008214.1|	384	398	4282	2.78	5.7	0.06	2.88	26.88	0.66	0.46	2.78
29	gi|56549111|ref|NP_001008214.1|	385	399	4283	2.82	3.68	0.13	2.88	24.58	0.67	0.73	2.82
29	gi|56549111|ref|NP_001008214.1|	386	400	4284	2.97	2.8	0.25	5.36	23.56	0.86	2.99	2.97
29	gi|56549111|ref|NP_001008214.1|	387	401	4285	4.02	5.48	0.4	11.98	30.18	1.81	3.93	4.02
29	gi|56549111|ref|NP_001008214.1|	388	402	4286	9.36	9.36	0.68	16.93	36.33	4.93	5.1	9.43
29	gi|56549111|ref|NP_001008214.1|	389	403	4287	16.6	16.6	1.12	32.53	44.6	24.93	10.37	12.48
29	gi|56549111|ref|NP_001008214.1|	390	404	4288	18.44	16.6	16.25	26.61	42.53	21.99	10.93	18.44
29	gi|56549111|ref|NP_001008214.1|	391	405	4289	17.89	16.6	17.89	22.1	43.66	10.09	10.62	18.44
29	gi|56549111|ref|NP_001008214.1|	393	407	4290	14.26	14.26	19.56	22.25	39.55	4.84	10.58	12.24
29	gi|56549111|ref|NP_001008214.1|	419	433	4291	16.14	11.13	35.23	15.04	65.39	19.24	16.14	16
29	gi|56549111|ref|NP_001008214.1|	420	434	4292	19.26	13.74	39.24	15.04	75.04	17.63	21.35	19.26
29	gi|56549111|ref|NP_001008214.1|	428	442	4293	18.29	4.77	55.24	18.29	52.61	17.09	17.75	22.2
29	gi|56549111|ref|NP_001008214.1|	441	455	4294	18.97	4.29	61.6	55.2	6.21	51.89	18.97	12.09
29	gi|56549111|ref|NP_001008214.1|	442	456	4295	15.43	4.29	64.75	54.83	9.57	67.64	15.43	12.09
29	gi|56549111|ref|NP_001008214.1|	455	469	4296	15.91	12.86	45.93	15.91	26.46	31.86	1.74	15.8
29	gi|56549111|ref|NP_001008214.1|	456	470	4297	15.56	12.86	39.07	14.67	22.55	26.27	1.12	15.56
29	gi|56549111|ref|NP_001008214.1|	457	471	4298	13.28	12.86	22.84	13.28	9.01	19.84	0.88	13.79
29	gi|56549111|ref|NP_001008214.1|	458	472	4299	12.86	12.86	26.78	12.8	6.11	20.24	0.86	13.88
29	gi|56549111|ref|NP_001008214.1|	459	473	4300	16.15	12.86	32.66	15.74	43.04	22.89	0.77	16.15
29	gi|56549111|ref|NP_001008214.1|	465	479	4301	15.91	7.64	59.39	13.92	5.4	57.22	53.09	15.91
29	gi|56549111|ref|NP_001008214.1|	466	480	4302	15.91	7.64	51.96	15.36	4.76	41.51	60.28	15.91
29	gi|56549111|ref|NP_001008214.1|	467	481	4303	16.57	7.29	54.94	16.57	4.41	33.87	61.96	15.91
29	gi|56549111|ref|NP_001008214.1|	468	482	4304	19.96	5.05	47.53	19.96	4.24	27.92	74.98	15.91
29	gi|56549111|ref|NP_001008214.1|	469	483	4305	18.93	7.16	37.73	44.73	6.34	18.93	55.9	11.09
29	gi|56549111|ref|NP_001008214.1|	470	484	4306	14.57	7.64	37.73	47.14	9.53	14.57	55.9	9.91
29	gi|56549111|ref|NP_001008214.1|	471	485	4307	12.87	7.64	29.24	47.59	12.53	12.87	55.9	9.04
29	gi|56549111|ref|NP_001008214.1|	486	500	4308	13.64	12.2	37.22	13.64	40.09	57.35	1.12	11.66
29	gi|56549111|ref|NP_001008214.1|	487	501	4309	13.64	12.2	37.22	13.64	40.73	47.26	1.07	11.66
29	gi|56549111|ref|NP_001008214.1|	488	502	4310	11.66	5.24	37.22	5.61	45.39	44.31	0.91	11.66
29	gi|56549111|ref|NP_001008214.1|	489	503	4311	11.66	5.24	37.22	5.61	49.48	46.78	0.92	11.66
29	gi|56549111|ref|NP_001008214.1|	490	504	4312	11.66	5.24	37.22	5.61	57.43	54.56	4.32	11.66
29	gi|56549111|ref|NP_001008214.1|	491	505	4313	11.66	5.24	37.22	7.32	68.15	58.55	4.32	11.66
29	gi|56549111|ref|NP_001008214.1|	492	506	4314	11.66	5.24	37.22	7.43	6.18	56.34	17.31	11.66

Table 2

29	gi|56549111|ref|NP_001008214.1|	509	523	4315	15.36	15.36	33.15	6.07	28.83	37.17	10.29	4.69
29	gi|56549111|ref|NP_001008214.1|	510	524	4316	8.34	8.34	35.41	6.07	28.03	25.83	8.33	4.69
29	gi|56549111|ref|NP_001008214.1|	511	525	4317	8.34	8.34	29.68	6.07	23.18	22.5	6.86	4.69
29	gi|56549111|ref|NP_001008214.1|	512	526	4318	11.47	8.34	35.69	6.07	23.18	26.21	11.47	4.69
29	gi|56549111|ref|NP_001008214.1|	538	552	4319	9.6	8.98	9.6	6.76	16.37	34.46	31.25	2.59
29	gi|56549111|ref|NP_001008214.1|	539	553	4320	10.15	8.98	10.15	6.85	16.54	17.72	27.83	2.58
29	gi|56549111|ref|NP_001008214.1|	540	554	4321	11.1	8.98	11.1	6.8	16.88	12.55	24.43	2.53
29	gi|56549111|ref|NP_001008214.1|	541	555	4322	12.13	8.98	12.29	7.01	16.96	12.13	22.94	2.61
29	gi|56549111|ref|NP_001008214.1|	542	556	4323	11.31	8.98	13.91	6.98	20.44	11.31	27.97	2.56
30	gi|56549109|ref|NP_001008213.1|	35	49	4324	12.23	6.66	40.85	7.98	75.22	51	0.52	12.23
30	gi|56549109|ref|NP_001008213.1|	36	50	4325	12.23	6.24	46.9	8.04	75.22	50.95	0.4	12.23
30	gi|56549109|ref|NP_001008213.1|	37	51	4326	12.23	5.4	52.8	8.12	75.22	49.66	0.4	12.23
30	gi|56549109|ref|NP_001008213.1|	38	52	4327	12.23	6.66	55.97	7.9	75.22	47.26	1.17	12.23
30	gi|56549109|ref|NP_001008213.1|	39	53	4328	12.23	6.66	58.61	10.1	75.22	46.59	1.65	12.23
30	gi|56549109|ref|NP_001008213.1|	40	54	4329	19.31	6.66	36.73	19.31	23.01	44.71	3.47	12.23
30	gi|56549109|ref|NP_001008213.1|	52	66	4330	14.53	7.76	52.54	31.47	14.53	18.09	7.15	9.44
30	gi|56549109|ref|NP_001008213.1|	53	67	4331	11.73	7.76	77.84	33.29	14.53	11.73	7.54	9.44
30	gi|56549109|ref|NP_001008213.1|	54	68	4332	7.76	7.76	80.42	30.15	14.53	7.73	6.79	5.79
30	gi|56549109|ref|NP_001008213.1|	55	69	4333	7.76	7.76	71.76	31.98	14.53	6.23	7.1	5.79
30	gi|56549109|ref|NP_001008213.1|	56	70	4334	11.85	7.76	71.37	26.3	14.53	8.41	11.85	5.79
30	gi|56549109|ref|NP_001008213.1|	57	71	4335	13.09	13.05	75.09	29.64	14.53	11.66	13.09	5.79
30	gi|56549109|ref|NP_001008213.1|	83	97	4336	19.94	9.61	44.89	24.19	75.22	18.88	19.94	3.73
30	gi|56549109|ref|NP_001008213.1|	137	151	4337	8.97	8.97	8.78	27.16	60.94	23.83	4.24	7.18
30	gi|56549109|ref|NP_001008213.1|	138	152	4338	8.88	8.88	8.78	27.16	58.28	14.01	2.8	7.1
30	gi|56549109|ref|NP_001008213.1|	139	153	4339	10.51	8.83	10.51	28.61	56.49	13.82	2.61	7.17
30	gi|56549109|ref|NP_001008213.1|	140	154	4340	10.54	8.81	10.54	27.16	55.4	12.83	2.6	7.03
30	gi|56549109|ref|NP_001008213.1|	141	155	4341	7.79	6.64	17.8	7.79	63.14	9.51	0.91	5.79
30	gi|56549109|ref|NP_001008213.1|	142	156	4342	8.41	10.68	17.84	8.41	33.39	8.11	0.91	5.79
30	gi|56549109|ref|NP_001008213.1|	143	157	4343	7.69	8.48	43.51	7.69	33.39	7.08	0.87	5.79
30	gi|56549109|ref|NP_001008213.1|	144	158	4344	5.79	4.29	15.89	6.08	33.39	4.42	0.61	5.79
30	gi|56549109|ref|NP_001008213.1|	145	159	4345	5.79	4.29	22.12	6.39	33.39	4.86	1.12	5.79
30	gi|56549109|ref|NP_001008213.1|	146	160	4346	5.79	4.29	21.26	13.87	32.98	4.65	5.59	5.79
30	gi|56549109|ref|NP_001008213.1|	147	161	4347	11.33	4.29	22.32	13.65	16.59	6.8	11.33	5.79
30	gi|56549109|ref|NP_001008213.1|	148	162	4348	18.84	6.73	29.74	21.52	18.14	13.88	18.84	20.38
30	gi|56549109|ref|NP_001008213.1|	152	166	4349	14.54	14.92	14.54	6.06	37.32	54.49	6.85	4.34
30	gi|56549109|ref|NP_001008213.1|	153	167	4350	11.59	11.59	17.57	6	49.66	45.7	5.07	4.12
30	gi|56549109|ref|NP_001008213.1|	154	168	4351	4.08	4.08	10.46	3.91	17.82	24.82	3.08	4.01
30	gi|56549109|ref|NP_001008213.1|	155	169	4352	4.01	2.65	13.21	4	16.71	19.9	2.53	4.01
30	gi|56549109|ref|NP_001008213.1|	156	170	4353	8.81	1.74	16.21	8.81	16.68	18.38	1.88	4.01
30	gi|56549109|ref|NP_001008213.1|	157	171	4354	9.74	1.28	19.47	9.74	17.42	18.6	1.38	4.01
30	gi|56549109|ref|NP_001008213.1|	158	172	4355	14.08	2.63	27.91	14.08	30.73	23.15	2.27	4.01
30	gi|56549109|ref|NP_001008213.1|	159	173	4356	18.65	5.17	48.91	18.65	48.73	26.58	7.33	10.53
30	gi|56549109|ref|NP_001008213.1|	160	174	4357	13.27	1.77	53.12	13.27	63.66	24.99	8.05	10.53
30	gi|56549109|ref|NP_001008213.1|	161	175	4358	15.36	6.98	22.11	15.36	75.22	22.54	15.22	12.23
30	gi|56549109|ref|NP_001008213.1|	205	219	4359	18.81	18.81	8.74	6.07	75.22	48.75	42.67	4.54
30	gi|56549109|ref|NP_001008213.1|	296	310	4360	14.96	1.99	17.01	14.96	17.27	32.03	2.86	11.66
30	gi|56549109|ref|NP_001008213.1|	297	311	4361	14.47	1.94	14.47	14.54	17.46	15.94	2.13	11.66
30	gi|56549109|ref|NP_001008213.1|	298	312	4362	12.95	1.93	18.91	12.95	17.45	13.44	1.95	8.42

Table 2

30	gi|56549109|ref|NP_001008213.1|	299	313	4363	10.42	1.8	18.74	10.42	17.14	10.69	1.93	8.42
30	gi|56549109|ref|NP_001008213.1|	300	314	4364	10.98	1.73	18.91	10.98	22.1	11.98	4.62	8.42
30	gi|56549109|ref|NP_001008213.1|	301	315	4365	12.95	4.7	18.91	12.95	28.2	15.2	5.75	8.42
30	gi|56549109|ref|NP_001008213.1|	302	316	4366	15.54	4.72	27.9	15.54	35.21	27.95	6.97	8.42
30	gi|56549109|ref|NP_001008213.1|	304	318	4367	13.05	12.33	36.74	13.05	70.51	50.7	12.73	8.42
30	gi|56549109|ref|NP_001008213.1|	307	321	4368	17.74	13.04	15.07	25.35	70.51	33.03	17.74	15.26
30	gi|56549109|ref|NP_001008213.1|	362	376	4369	19.73	4.77	69.58	19.73	74.94	45.02	14.57	3.19
30	gi|56549109|ref|NP_001008213.1|	382	396	4370	14.96	14.96	16.13	4.42	43.81	16.9	0.45	7.39
30	gi|56549109|ref|NP_001008213.1|	383	397	4371	2.81	9.33	0.04	2.88	28.73	1.81	0.45	2.81
30	gi|56549109|ref|NP_001008213.1|	384	398	4372	2.78	5.7	0.06	2.88	26.88	0.66	0.46	2.78
30	gi|56549109|ref|NP_001008213.1|	385	399	4373	2.82	3.68	0.13	2.88	24.58	0.67	0.73	2.82
30	gi|56549109|ref|NP_001008213.1|	386	400	4374	2.97	2.8	0.25	5.36	23.56	0.86	2.99	2.97
30	gi|56549109|ref|NP_001008213.1|	387	401	4375	4.02	5.48	0.4	11.98	30.18	1.81	3.93	4.02
30	gi|56549109|ref|NP_001008213.1|	388	402	4376	9.36	9.36	0.68	16.93	36.33	4.93	5.1	9.43
30	gi|56549109|ref|NP_001008213.1|	389	403	4377	16.6	16.6	1.12	32.53	44.6	24.93	10.37	12.48
30	gi|56549109|ref|NP_001008213.1|	390	404	4378	18.44	16.6	16.25	26.61	42.53	21.99	10.93	18.44
30	gi|56549109|ref|NP_001008213.1|	391	405	4379	17.89	16.6	17.89	22.1	43.66	10.09	10.62	18.44
30	gi|56549109|ref|NP_001008213.1|	393	407	4380	14.26	14.26	19.56	22.25	39.55	4.84	10.58	12.24
30	gi|56549109|ref|NP_001008213.1|	419	433	4381	16.14	11.13	35.23	15.04	65.39	19.24	16.14	16
30	gi|56549109|ref|NP_001008213.1|	420	434	4382	19.26	13.74	39.24	15.04	75.04	17.63	21.35	19.26
30	gi|56549109|ref|NP_001008213.1|	428	442	4383	18.29	4.77	55.24	18.29	52.61	17.09	17.75	22.2
30	gi|56549109|ref|NP_001008213.1|	441	455	4384	18.97	4.29	61.6	55.2	6.21	51.89	18.97	12.09
30	gi|56549109|ref|NP_001008213.1|	442	456	4385	15.43	4.29	64.75	54.83	9.57	67.64	15.43	12.09
30	gi|56549109|ref|NP_001008213.1|	455	469	4386	15.91	12.86	45.93	15.91	26.46	31.86	1.74	15.8
30	gi|56549109|ref|NP_001008213.1|	456	470	4387	15.56	12.86	39.07	14.67	22.55	26.27	1.12	15.56
30	gi|56549109|ref|NP_001008213.1|	457	471	4388	13.28	12.86	22.84	13.28	9.01	19.84	0.88	13.79
30	gi|56549109|ref|NP_001008213.1|	458	472	4389	12.86	12.86	26.78	12.8	6.11	20.24	0.86	13.88
30	gi|56549109|ref|NP_001008213.1|	459	473	4390	16.15	12.86	32.66	15.74	43.04	22.89	0.77	16.15
30	gi|56549109|ref|NP_001008213.1|	465	479	4391	15.91	7.64	59.39	13.92	5.4	57.22	53.09	15.91
30	gi|56549109|ref|NP_001008213.1|	466	480	4392	15.91	7.64	51.96	15.36	4.76	41.51	60.28	15.91
30	gi|56549109|ref|NP_001008213.1|	467	481	4393	16.57	7.29	54.94	16.57	4.41	33.87	61.96	15.91
30	gi|56549109|ref|NP_001008213.1|	468	482	4394	19.96	5.05	47.53	19.96	4.24	27.92	74.98	15.91
30	gi|56549109|ref|NP_001008213.1|	469	483	4395	18.93	7.16	37.73	44.73	6.34	18.93	55.9	11.09
30	gi|56549109|ref|NP_001008213.1|	470	484	4396	14.57	7.64	37.73	47.14	9.53	14.57	55.9	9.91
30	gi|56549109|ref|NP_001008213.1|	471	485	4397	12.87	7.64	29.24	47.59	12.53	12.87	55.9	9.04
30	gi|56549109|ref|NP_001008213.1|	486	500	4398	13.64	12.2	37.22	13.64	40.09	57.35	1.12	11.66
30	gi|56549109|ref|NP_001008213.1|	487	501	4399	13.64	12.2	37.22	13.64	40.73	47.26	1.07	11.66
30	gi|56549109|ref|NP_001008213.1|	488	502	4400	11.66	5.24	37.22	5.61	45.39	44.31	0.91	11.66
30	gi|56549109|ref|NP_001008213.1|	489	503	4401	11.66	5.24	37.22	5.61	49.48	46.78	0.92	11.66
30	gi|56549109|ref|NP_001008213.1|	490	504	4402	11.66	5.24	37.22	5.61	57.43	54.56	4.32	11.66
30	gi|56549109|ref|NP_001008213.1|	491	505	4403	11.66	5.24	37.22	7.32	68.15	58.55	4.32	11.66
30	gi|56549109|ref|NP_001008213.1|	492	506	4404	11.66	5.24	37.22	7.43	6.18	56.34	17.31	11.66
30	gi|56549109|ref|NP_001008213.1|	509	523	4405	15.36	15.36	33.15	6.07	28.83	37.17	10.29	4.69
30	gi|56549109|ref|NP_001008213.1|	510	524	4406	8.34	8.34	35.41	6.07	28.03	25.83	8.33	4.69
30	gi|56549109|ref|NP_001008213.1|	511	525	4407	8.34	8.34	29.68	6.07	23.18	22.5	6.86	4.69
30	gi|56549109|ref|NP_001008213.1|	512	526	4408	11.47	8.34	35.69	6.07	23.18	26.21	11.47	4.69
30	gi|56549109|ref|NP_001008213.1|	538	552	4409	9.6	8.98	9.6	6.76	16.37	34.46	31.25	2.59
30	gi|56549109|ref|NP_001008213.1|	539	553	4410	10.15	8.98	10.15	6.85	16.54	17.72	27.83	2.58

Table 2

30	gi|56549109|ref|NP_001008213.1|	540	554	4411	11.1	8.98	11.1	6.8	16.88	12.55	24.43	2.53
30	gi|56549109|ref|NP_001008213.1|	541	555	4412	12.13	8.98	12.29	7.01	16.96	12.13	22.94	2.61
30	gi|56549109|ref|NP_001008213.1|	542	556	4413	11.31	8.98	13.91	6.98	20.44	11.31	27.97	2.56
31	gi|56549107|ref|NP_001008212.1|	35	49	4414	12.23	6.66	40.85	7.98	75.22	51	0.52	12.23
31	gi|56549107|ref|NP_001008212.1|	36	50	4415	12.23	6.24	46.9	8.04	75.22	50.95	0.4	12.23
31	gi|56549107|ref|NP_001008212.1|	37	51	4416	12.23	5.4	52.8	8.12	75.22	49.66	0.4	12.23
31	gi|56549107|ref|NP_001008212.1|	38	52	4417	12.23	6.66	55.97	7.9	75.22	47.26	1.17	12.23
31	gi|56549107|ref|NP_001008212.1|	39	53	4418	12.23	6.66	58.61	10.1	75.22	46.59	1.65	12.23
31	gi|56549107|ref|NP_001008212.1|	40	54	4419	19.31	6.66	36.73	19.31	23.01	44.71	3.47	12.23
31	gi|56549107|ref|NP_001008212.1|	52	66	4420	14.53	7.76	52.54	31.47	14.53	18.09	7.15	9.44
31	gi|56549107|ref|NP_001008212.1|	53	67	4421	11.73	7.76	77.84	33.29	14.53	11.73	7.54	9.44
31	gi|56549107|ref|NP_001008212.1|	54	68	4422	7.76	7.76	80.42	30.15	14.53	7.73	6.79	5.79
31	gi|56549107|ref|NP_001008212.1|	55	69	4423	7.76	7.76	71.76	31.98	14.53	6.23	7.1	5.79
31	gi|56549107|ref|NP_001008212.1|	56	70	4424	11.85	7.76	71.37	26.3	14.53	8.41	11.85	5.79
31	gi|56549107|ref|NP_001008212.1|	57	71	4425	13.09	13.05	75.09	29.64	14.53	11.66	13.09	5.79
31	gi|56549107|ref|NP_001008212.1|	83	97	4426	19.94	9.61	44.89	24.19	75.22	18.88	19.94	3.73
31	gi|56549107|ref|NP_001008212.1|	137	151	4427	8.97	8.97	8.78	27.16	60.94	23.83	4.24	7.18
31	gi|56549107|ref|NP_001008212.1|	138	152	4428	8.88	8.88	8.78	27.16	58.28	14.01	2.8	7.1
31	gi|56549107|ref|NP_001008212.1|	139	153	4429	10.51	8.83	10.51	28.61	56.49	13.82	2.61	7.17
31	gi|56549107|ref|NP_001008212.1|	140	154	4430	10.54	8.81	10.54	27.16	55.4	12.83	2.6	7.03
31	gi|56549107|ref|NP_001008212.1|	141	155	4431	7.79	6.64	17.8	7.79	63.14	9.51	0.91	5.79
31	gi|56549107|ref|NP_001008212.1|	142	156	4432	8.41	10.68	17.84	8.41	33.39	8.11	0.91	5.79
31	gi|56549107|ref|NP_001008212.1|	143	157	4433	7.69	8.48	43.51	7.69	33.39	7.08	0.87	5.79
31	gi|56549107|ref|NP_001008212.1|	144	158	4434	5.79	4.29	15.89	6.08	33.39	4.42	0.61	5.79
31	gi|56549107|ref|NP_001008212.1|	145	159	4435	5.79	4.29	22.12	6.39	33.39	4.86	1.12	5.79
31	gi|56549107|ref|NP_001008212.1|	146	160	4436	5.79	4.29	21.26	13.87	32.98	4.65	5.59	5.79
31	gi|56549107|ref|NP_001008212.1|	147	161	4437	11.33	4.29	22.32	13.65	16.59	6.8	11.33	5.79
31	gi|56549107|ref|NP_001008212.1|	148	162	4438	18.84	6.73	29.74	21.52	18.14	13.88	18.84	20.38
31	gi|56549107|ref|NP_001008212.1|	152	166	4439	14.54	14.92	14.54	6.06	37.32	54.49	6.85	4.34
31	gi|56549107|ref|NP_001008212.1|	153	167	4440	11.59	11.59	17.57	6	49.66	45.7	5.07	4.12
31	gi|56549107|ref|NP_001008212.1|	154	168	4441	4.08	4.08	10.46	3.91	17.82	24.82	3.08	4.01
31	gi|56549107|ref|NP_001008212.1|	155	169	4442	4.01	2.65	13.21	4	16.71	19.9	2.53	4.01
31	gi|56549107|ref|NP_001008212.1|	156	170	4443	8.81	1.74	16.21	8.81	16.68	18.38	1.88	4.01
31	gi|56549107|ref|NP_001008212.1|	157	171	4444	9.74	1.28	19.47	9.74	17.42	18.6	1.38	4.01
31	gi|56549107|ref|NP_001008212.1|	158	172	4445	14.08	2.63	27.91	14.08	30.73	23.15	2.27	4.01
31	gi|56549107|ref|NP_001008212.1|	159	173	4446	18.65	5.17	48.91	18.65	48.73	26.58	7.33	10.53
31	gi|56549107|ref|NP_001008212.1|	160	174	4447	13.27	1.77	53.12	13.27	63.66	24.99	8.05	10.53
31	gi|56549107|ref|NP_001008212.1|	161	175	4448	15.36	6.98	22.11	15.36	75.22	22.54	15.22	12.23
31	gi|56549107|ref|NP_001008212.1|	205	219	4449	18.81	18.81	8.74	6.07	75.22	48.75	42.67	4.54
31	gi|56549107|ref|NP_001008212.1|	296	310	4450	14.96	1.99	17.01	14.96	17.27	32.03	2.86	11.66
31	gi|56549107|ref|NP_001008212.1|	297	311	4451	14.47	1.94	14.47	14.54	17.46	15.94	2.13	11.66
31	gi|56549107|ref|NP_001008212.1|	298	312	4452	12.95	1.93	18.91	12.95	17.45	13.44	1.95	8.42
31	gi|56549107|ref|NP_001008212.1|	299	313	4453	10.42	1.8	18.74	10.42	17.14	10.69	1.93	8.42
31	gi|56549107|ref|NP_001008212.1|	300	314	4454	10.98	1.73	18.91	10.98	22.1	11.98	4.62	8.42
31	gi|56549107|ref|NP_001008212.1|	301	315	4455	12.95	4.7	18.91	12.95	28.2	15.2	5.75	8.42
31	gi|56549107|ref|NP_001008212.1|	302	316	4456	15.54	4.72	27.9	15.54	35.21	27.95	6.97	8.42
31	gi|56549107|ref|NP_001008212.1|	304	318	4457	13.05	12.33	36.74	13.05	70.51	50.7	12.73	8.42
31	gi|56549107|ref|NP_001008212.1|	307	321	4458	17.74	13.04	15.07	25.35	70.51	33.03	17.74	15.26

Table 2

31	gi|56549107|ref|NP_001008212.1|	362	376	4459	19.73	4.77	69.58	19.73	74.94	45.02	14.57	3.19
31	gi|56549107|ref|NP_001008212.1|	382	396	4460	14.96	14.96	16.13	4.42	43.81	16.9	0.45	7.39
31	gi|56549107|ref|NP_001008212.1|	383	397	4461	2.81	9.33	0.04	2.88	28.73	1.81	0.45	2.81
31	gi|56549107|ref|NP_001008212.1|	384	398	4462	2.78	5.7	0.06	2.88	26.88	0.66	0.46	2.78
31	gi|56549107|ref|NP_001008212.1|	385	399	4463	2.82	3.68	0.13	2.88	24.58	0.67	0.73	2.82
31	gi|56549107|ref|NP_001008212.1|	386	400	4464	2.97	2.8	0.25	5.36	23.56	0.86	2.99	2.97
31	gi|56549107|ref|NP_001008212.1|	387	401	4465	4.02	5.48	0.4	11.98	30.18	1.81	3.93	4.02
31	gi|56549107|ref|NP_001008212.1|	388	402	4466	9.36	9.36	0.68	16.93	36.33	4.93	5.1	9.43
31	gi|56549107|ref|NP_001008212.1|	389	403	4467	16.6	16.6	1.12	32.53	44.6	24.93	10.37	12.48
31	gi|56549107|ref|NP_001008212.1|	390	404	4468	18.44	16.6	16.25	26.61	42.53	21.99	10.93	18.44
31	gi|56549107|ref|NP_001008212.1|	391	405	4469	17.89	16.6	17.89	22.1	43.66	10.09	10.62	18.44
31	gi|56549107|ref|NP_001008212.1|	393	407	4470	14.26	14.26	19.56	22.25	39.55	4.84	10.58	12.24
31	gi|56549107|ref|NP_001008212.1|	419	433	4471	16.14	11.13	35.23	15.04	65.39	19.24	16.14	16
31	gi|56549107|ref|NP_001008212.1|	420	434	4472	19.26	13.74	39.24	15.04	75.04	17.63	21.35	19.26
31	gi|56549107|ref|NP_001008212.1|	428	442	4473	18.29	4.77	55.24	18.29	52.61	17.09	17.75	22.2
31	gi|56549107|ref|NP_001008212.1|	441	455	4474	18.97	4.29	61.6	55.2	6.21	51.89	18.97	12.09
31	gi|56549107|ref|NP_001008212.1|	442	456	4475	15.43	4.29	64.75	54.83	9.57	67.64	15.43	12.09
31	gi|56549107|ref|NP_001008212.1|	455	469	4476	15.91	12.86	45.93	15.91	26.46	31.86	1.74	15.8
31	gi|56549107|ref|NP_001008212.1|	456	470	4477	15.56	12.86	39.07	14.67	22.55	26.27	1.12	15.56
31	gi|56549107|ref|NP_001008212.1|	457	471	4478	13.28	12.86	22.84	13.28	9.01	19.84	0.88	13.79
31	gi|56549107|ref|NP_001008212.1|	458	472	4479	12.86	12.86	26.78	12.8	6.11	20.24	0.86	13.88
31	gi|56549107|ref|NP_001008212.1|	459	473	4480	16.15	12.86	32.66	15.74	43.04	22.89	0.77	16.15
31	gi|56549107|ref|NP_001008212.1|	465	479	4481	15.91	7.64	59.39	13.92	5.4	57.22	53.09	15.91
31	gi|56549107|ref|NP_001008212.1|	466	480	4482	15.91	7.64	51.96	15.36	4.76	41.51	60.28	15.91
31	gi|56549107|ref|NP_001008212.1|	467	481	4483	16.57	7.29	54.94	16.57	4.41	33.87	61.96	15.91
31	gi|56549107|ref|NP_001008212.1|	468	482	4484	19.96	5.05	47.53	19.96	4.24	27.92	74.98	15.91
31	gi|56549107|ref|NP_001008212.1|	469	483	4485	18.93	7.16	37.73	44.73	6.34	18.93	55.9	11.09
31	gi|56549107|ref|NP_001008212.1|	470	484	4486	14.57	7.64	37.73	47.14	9.53	14.57	55.9	9.91
31	gi|56549107|ref|NP_001008212.1|	471	485	4487	12.87	7.64	29.24	47.59	12.53	12.87	55.9	9.04
31	gi|56549107|ref|NP_001008212.1|	486	500	4488	13.64	12.2	37.22	13.64	40.09	57.35	1.12	11.66
31	gi|56549107|ref|NP_001008212.1|	487	501	4489	13.64	12.2	37.22	13.64	40.73	47.26	1.07	11.66
31	gi|56549107|ref|NP_001008212.1|	488	502	4490	11.66	5.24	37.22	5.61	45.39	44.31	0.91	11.66
31	gi|56549107|ref|NP_001008212.1|	489	503	4491	11.66	5.24	37.22	5.61	49.48	46.78	0.92	11.66
31	gi|56549107|ref|NP_001008212.1|	490	504	4492	11.66	5.24	37.22	5.61	57.43	54.56	4.32	11.66
31	gi|56549107|ref|NP_001008212.1|	491	505	4493	11.66	5.24	37.22	7.32	68.15	58.55	4.32	11.66
31	gi|56549107|ref|NP_001008212.1|	492	506	4494	11.66	5.24	37.22	7.43	6.18	56.34	17.31	11.66
31	gi|56549107|ref|NP_001008212.1|	509	523	4495	15.36	15.36	33.15	6.07	28.83	37.17	10.29	4.69
31	gi|56549107|ref|NP_001008212.1|	510	524	4496	8.34	8.34	35.41	6.07	28.03	25.83	8.33	4.69
31	gi|56549107|ref|NP_001008212.1|	511	525	4497	8.34	8.34	29.68	6.07	23.18	22.5	6.86	4.69
31	gi|56549107|ref|NP_001008212.1|	512	526	4498	11.47	8.34	35.69	6.07	23.18	26.21	11.47	4.69
31	gi|56549107|ref|NP_001008212.1|	538	552	4499	9.6	8.98	9.6	6.76	16.37	34.46	31.25	2.59
31	gi|56549107|ref|NP_001008212.1|	539	553	4500	10.15	8.98	10.15	6.85	16.54	17.72	27.83	2.58
31	gi|56549107|ref|NP_001008212.1|	540	554	4501	11.1	8.98	11.1	6.8	16.88	12.55	24.43	2.53
31	gi|56549107|ref|NP_001008212.1|	541	555	4502	12.13	8.98	12.29	7.01	16.96	12.13	22.94	2.61
31	gi|56549107|ref|NP_001008212.1|	542	556	4503	11.31	8.98	13.91	6.98	20.44	11.31	27.97	2.56
32	gi|20149572|ref|NP_068815.2|	35	49	4504	12.23	6.66	40.85	7.98	75.22	51	0.52	12.23
32	gi|20149572|ref|NP_068815.2|	36	50	4505	12.23	6.24	46.9	8.04	75.22	50.95	0.4	12.23
32	gi|20149572|ref|NP_068815.2|	37	51	4506	12.23	5.4	52.8	8.12	75.22	49.66	0.4	12.23

Table 2

32	gi|20149572|ref|NP_068815.2|	38	52	4507	12.23	6.66	55.97	7.9	75.22	47.26	1.17	12.23
32	gi|20149572|ref|NP_068815.2|	39	53	4508	12.23	6.66	58.61	10.1	75.22	46.59	1.65	12.23
32	gi|20149572|ref|NP_068815.2|	40	54	4509	19.31	6.66	36.73	19.31	23.01	44.71	3.47	12.23
32	gi|20149572|ref|NP_068815.2|	52	66	4510	14.53	7.76	52.54	31.47	14.53	18.09	7.15	9.44
32	gi|20149572|ref|NP_068815.2|	53	67	4511	11.73	7.76	77.84	33.29	14.53	11.73	7.54	9.44
32	gi|20149572|ref|NP_068815.2|	54	68	4512	7.76	7.76	80.42	30.15	14.53	7.73	6.79	5.79
32	gi|20149572|ref|NP_068815.2|	55	69	4513	7.76	7.76	71.76	31.98	14.53	6.23	7.1	5.79
32	gi|20149572|ref|NP_068815.2|	56	70	4514	11.85	7.76	71.37	26.3	14.53	8.41	11.85	5.79
32	gi|20149572|ref|NP_068815.2|	57	71	4515	13.09	13.05	75.09	29.64	14.53	11.66	13.09	5.79
32	gi|20149572|ref|NP_068815.2|	83	97	4516	19.94	9.61	44.89	24.19	75.22	18.88	19.94	3.73
32	gi|20149572|ref|NP_068815.2|	137	151	4517	8.97	8.97	8.78	27.16	60.94	23.83	4.24	7.18
32	gi|20149572|ref|NP_068815.2|	138	152	4518	8.88	8.88	8.78	27.16	58.28	14.01	2.8	7.1
32	gi|20149572|ref|NP_068815.2|	139	153	4519	10.51	8.83	10.51	28.61	56.49	13.82	2.61	7.17
32	gi|20149572|ref|NP_068815.2|	140	154	4520	10.54	8.81	10.54	27.16	55.4	12.83	2.6	7.03
32	gi|20149572|ref|NP_068815.2|	141	155	4521	7.79	6.64	17.8	7.79	63.14	9.51	0.91	5.79
32	gi|20149572|ref|NP_068815.2|	142	156	4522	8.41	10.68	17.84	8.41	33.39	8.11	0.91	5.79
32	gi|20149572|ref|NP_068815.2|	143	157	4523	7.69	8.48	43.51	7.69	33.39	7.08	0.87	5.79
32	gi|20149572|ref|NP_068815.2|	144	158	4524	5.79	4.29	15.89	6.08	33.39	4.42	0.61	5.79
32	gi|20149572|ref|NP_068815.2|	145	159	4525	5.79	4.29	22.12	6.39	33.39	4.86	1.12	5.79
32	gi|20149572|ref|NP_068815.2|	146	160	4526	5.79	4.29	21.26	13.87	32.98	4.65	5.59	5.79
32	gi|20149572|ref|NP_068815.2|	147	161	4527	11.33	4.29	22.32	13.65	16.59	6.8	11.33	5.79
32	gi|20149572|ref|NP_068815.2|	148	162	4528	18.84	6.73	29.74	21.52	18.14	13.88	18.84	20.38
32	gi|20149572|ref|NP_068815.2|	152	166	4529	14.54	14.92	14.54	6.06	37.32	54.49	6.85	4.34
32	gi|20149572|ref|NP_068815.2|	153	167	4530	11.59	11.59	17.57	6	49.66	45.7	5.07	4.12
32	gi|20149572|ref|NP_068815.2|	154	168	4531	4.08	4.08	10.46	3.91	17.82	24.82	3.08	4.01
32	gi|20149572|ref|NP_068815.2|	155	169	4532	4.01	2.65	13.21	4	16.71	19.9	2.53	4.01
32	gi|20149572|ref|NP_068815.2|	156	170	4533	8.81	1.74	16.21	8.81	16.68	18.38	1.88	4.01
32	gi|20149572|ref|NP_068815.2|	157	171	4534	9.74	1.28	19.47	9.74	17.42	18.6	1.38	4.01
32	gi|20149572|ref|NP_068815.2|	158	172	4535	14.08	2.63	27.91	14.08	30.73	23.15	2.27	4.01
32	gi|20149572|ref|NP_068815.2|	159	173	4536	18.65	5.17	48.91	18.65	48.73	26.58	7.33	10.53
32	gi|20149572|ref|NP_068815.2|	160	174	4537	13.27	1.77	53.12	13.27	63.66	24.99	8.05	10.53
32	gi|20149572|ref|NP_068815.2|	161	175	4538	15.36	6.98	22.11	15.36	75.22	22.54	15.22	12.23
32	gi|20149572|ref|NP_068815.2|	205	219	4539	18.81	18.81	8.74	6.07	75.22	48.75	42.67	4.54
32	gi|20149572|ref|NP_068815.2|	296	310	4540	14.96	1.99	17.01	14.96	17.27	32.03	2.86	11.66
32	gi|20149572|ref|NP_068815.2|	297	311	4541	14.47	1.94	14.47	14.54	17.46	15.94	2.13	11.66
32	gi|20149572|ref|NP_068815.2|	298	312	4542	12.95	1.93	18.91	12.95	17.45	13.44	1.95	8.42
32	gi|20149572|ref|NP_068815.2|	299	313	4543	10.42	1.8	18.74	10.42	17.14	10.69	1.93	8.42
32	gi|20149572|ref|NP_068815.2|	300	314	4544	10.98	1.73	18.91	10.98	22.1	11.98	4.62	8.42
32	gi|20149572|ref|NP_068815.2|	301	315	4545	12.95	4.7	18.91	12.95	28.2	15.2	5.75	8.42
32	gi|20149572|ref|NP_068815.2|	302	316	4546	15.54	4.72	27.9	15.54	35.21	27.95	6.97	8.42
32	gi|20149572|ref|NP_068815.2|	304	318	4547	13.05	12.33	36.74	13.05	70.51	50.7	12.73	8.42
32	gi|20149572|ref|NP_068815.2|	307	321	4548	17.74	13.04	15.07	25.35	70.51	33.03	17.74	15.26
32	gi|20149572|ref|NP_068815.2|	362	376	4549	19.73	4.77	69.58	19.73	74.94	45.02	14.57	3.19
32	gi|20149572|ref|NP_068815.2|	382	396	4550	14.96	14.96	16.13	4.42	43.81	16.9	0.45	7.39
32	gi|20149572|ref|NP_068815.2|	383	397	4551	2.81	9.33	0.04	2.88	28.73	1.81	0.45	2.81
32	gi|20149572|ref|NP_068815.2|	384	398	4552	2.78	5.7	0.06	2.88	26.88	0.66	0.46	2.78
32	gi|20149572|ref|NP_068815.2|	385	399	4553	2.82	3.68	0.13	2.88	24.58	0.67	0.73	2.82
32	gi|20149572|ref|NP_068815.2|	386	400	4554	2.97	2.8	0.25	5.36	23.56	0.86	2.99	2.97

Table 2

32	gi|20149572|ref|NP_068815.2|	387	401	4555	4.02	5.48	0.4	11.98	30.18	1.81	3.93	4.02
32	gi|20149572|ref|NP_068815.2|	388	402	4556	9.36	9.36	0.68	16.93	36.33	4.93	5.1	9.43
32	gi|20149572|ref|NP_068815.2|	389	403	4557	16.6	16.6	1.12	32.53	44.6	24.93	10.37	12.48
32	gi|20149572|ref|NP_068815.2|	390	404	4558	18.44	16.6	16.25	26.61	42.53	21.99	10.93	18.44
32	gi|20149572|ref|NP_068815.2|	391	405	4559	17.89	16.6	17.89	22.1	43.66	10.09	10.62	18.44
32	gi|20149572|ref|NP_068815.2|	393	407	4560	14.26	14.26	19.56	22.25	39.55	4.84	10.58	12.24
32	gi|20149572|ref|NP_068815.2|	419	433	4561	16.14	11.13	35.23	15.04	65.39	19.24	16.14	16
32	gi|20149572|ref|NP_068815.2|	420	434	4562	19.26	13.74	39.24	15.04	75.04	17.63	21.35	19.26
32	gi|20149572|ref|NP_068815.2|	428	442	4563	18.29	4.77	55.24	18.29	52.61	17.09	17.75	22.2
32	gi|20149572|ref|NP_068815.2|	441	455	4564	18.97	4.29	61.6	55.2	6.21	51.89	18.97	12.09
32	gi|20149572|ref|NP_068815.2|	442	456	4565	15.43	4.29	64.75	54.83	9.57	67.64	15.43	12.09
32	gi|20149572|ref|NP_068815.2|	455	469	4566	15.91	12.86	45.93	15.91	26.46	31.86	1.74	15.8
32	gi|20149572|ref|NP_068815.2|	456	470	4567	15.56	12.86	39.07	14.67	22.55	26.27	1.12	15.56
32	gi|20149572|ref|NP_068815.2|	457	471	4568	13.28	12.86	22.84	13.28	9.01	19.84	0.88	13.79
32	gi|20149572|ref|NP_068815.2|	458	472	4569	12.86	12.86	26.78	12.8	6.11	20.24	0.86	13.88
32	gi|20149572|ref|NP_068815.2|	459	473	4570	16.15	12.86	32.66	15.74	43.04	22.89	0.77	16.15
32	gi|20149572|ref|NP_068815.2|	465	479	4571	15.91	7.64	59.39	13.92	5.4	57.22	53.09	15.91
32	gi|20149572|ref|NP_068815.2|	466	480	4572	15.91	7.64	51.96	15.36	4.76	41.51	60.28	15.91
32	gi|20149572|ref|NP_068815.2|	467	481	4573	16.57	7.29	54.94	16.57	4.41	33.87	61.96	15.91
32	gi|20149572|ref|NP_068815.2|	468	482	4574	19.96	5.05	47.53	19.96	4.24	27.92	74.98	15.91
32	gi|20149572|ref|NP_068815.2|	469	483	4575	18.93	7.16	37.73	44.73	6.34	18.93	55.9	11.09
32	gi|20149572|ref|NP_068815.2|	470	484	4576	14.57	7.64	37.73	47.14	9.53	14.57	55.9	9.91
32	gi|20149572|ref|NP_068815.2|	471	485	4577	12.87	7.64	29.24	47.59	12.53	12.87	55.9	9.04
32	gi|20149572|ref|NP_068815.2|	486	500	4578	13.64	12.2	37.22	13.64	40.09	57.35	1.12	11.66
32	gi|20149572|ref|NP_068815.2|	487	501	4579	13.64	12.2	37.22	13.64	40.73	47.26	1.07	11.66
32	gi|20149572|ref|NP_068815.2|	488	502	4580	11.66	5.24	37.22	5.61	45.39	44.31	0.91	11.66
32	gi|20149572|ref|NP_068815.2|	489	503	4581	11.66	5.24	37.22	5.61	49.48	46.78	0.92	11.66
32	gi|20149572|ref|NP_068815.2|	490	504	4582	11.66	5.24	37.22	5.61	57.43	54.56	4.32	11.66
32	gi|20149572|ref|NP_068815.2|	491	505	4583	11.66	5.24	37.22	7.32	68.15	58.55	4.32	11.66
32	gi|20149572|ref|NP_068815.2|	492	506	4584	11.66	5.24	37.22	7.43	6.18	56.34	17.31	11.66
32	gi|20149572|ref|NP_068815.2|	509	523	4585	15.36	15.36	33.15	6.07	28.83	37.17	10.29	4.69
32	gi|20149572|ref|NP_068815.2|	510	524	4586	8.34	8.34	35.41	6.07	28.03	25.83	8.33	4.69
32	gi|20149572|ref|NP_068815.2|	511	525	4587	8.34	8.34	29.68	6.07	23.18	22.5	6.86	4.69
32	gi|20149572|ref|NP_068815.2|	512	526	4588	11.47	8.34	35.69	6.07	23.18	26.21	11.47	4.69
32	gi|20149572|ref|NP_068815.2|	538	552	4589	9.6	8.98	9.6	6.76	16.37	34.46	31.25	2.59
32	gi|20149572|ref|NP_068815.2|	539	553	4590	10.15	8.98	10.15	6.85	16.54	17.72	27.83	2.58
32	gi|20149572|ref|NP_068815.2|	540	554	4591	11.1	8.98	11.1	6.8	16.88	12.55	24.43	2.53
32	gi|20149572|ref|NP_068815.2|	541	555	4592	12.13	8.98	12.29	7.01	16.96	12.13	22.94	2.61
32	gi|20149572|ref|NP_068815.2|	542	556	4593	11.31	8.98	13.91	6.98	20.44	11.31	27.97	2.56
33	gi|15530203|gb|AAH13876.1|	35	49	4594	12.23	6.66	40.85	7.98	75.22	51	0.52	12.23
33	gi|15530203|gb|AAH13876.1|	36	50	4595	12.23	6.24	46.9	8.04	75.22	50.95	0.4	12.23
33	gi|15530203|gb|AAH13876.1|	37	51	4596	12.23	5.4	52.8	8.12	75.22	49.66	0.4	12.23
33	gi|15530203|gb|AAH13876.1|	38	52	4597	12.23	6.66	55.97	7.9	75.22	47.26	1.17	12.23
33	gi|15530203|gb|AAH13876.1|	39	53	4598	12.23	6.66	58.61	10.1	75.22	46.59	1.65	12.23
33	gi|15530203|gb|AAH13876.1|	40	54	4599	19.31	6.66	36.73	19.31	23.01	44.71	3.47	12.23
33	gi|15530203|gb|AAH13876.1|	52	66	4600	14.53	7.76	52.54	31.47	14.53	18.09	7.15	9.44
33	gi|15530203|gb|AAH13876.1|	53	67	4601	11.73	7.76	77.84	33.29	14.53	11.73	7.54	9.44
33	gi|15530203|gb|AAH13876.1|	54	68	4602	7.76	7.76	80.42	30.15	14.53	7.73	6.79	5.79

Table 2

33	gi|15530203|gb|AAH13876.1|	55	69	4603	7.76	7.76	71.76	31.98	14.53	6.23	7.1	5.79
33	gi|15530203|gb|AAH13876.1|	56	70	4604	11.85	7.76	71.37	26.3	14.53	8.41	11.85	5.79
33	gi|15530203|gb|AAH13876.1|	57	71	4605	13.09	13.05	75.09	29.64	14.53	11.66	13.09	5.79
33	gi|15530203|gb|AAH13876.1|	83	97	4606	19.94	9.61	44.89	24.19	75.22	18.88	19.94	3.73
33	gi|15530203|gb|AAH13876.1|	137	151	4607	8.97	8.97	8.78	27.16	60.94	23.83	4.24	7.18
33	gi|15530203|gb|AAH13876.1|	138	152	4608	8.88	8.88	8.78	27.16	58.28	14.01	2.8	7.1
33	gi|15530203|gb|AAH13876.1|	139	153	4609	10.51	8.83	10.51	28.61	56.49	13.82	2.61	7.17
33	gi|15530203|gb|AAH13876.1|	140	154	4610	10.54	8.81	10.54	27.16	55.4	12.83	2.6	7.03
33	gi|15530203|gb|AAH13876.1|	141	155	4611	7.79	6.64	17.8	7.79	63.14	9.51	0.91	5.79
33	gi|15530203|gb|AAH13876.1|	142	156	4612	8.41	10.68	17.84	8.41	33.39	8.11	0.91	5.79
33	gi|15530203|gb|AAH13876.1|	143	157	4613	7.69	8.48	43.51	7.69	33.39	7.08	0.87	5.79
33	gi|15530203|gb|AAH13876.1|	144	158	4614	5.79	4.29	15.89	6.08	33.39	4.42	0.61	5.79
33	gi|15530203|gb|AAH13876.1|	145	159	4615	5.79	4.29	22.12	6.39	33.39	4.86	1.12	5.79
33	gi|15530203|gb|AAH13876.1|	146	160	4616	5.79	4.29	21.26	13.87	32.98	4.65	5.59	5.79
33	gi|15530203|gb|AAH13876.1|	147	161	4617	11.33	4.29	22.32	13.65	16.59	6.8	11.33	5.79
33	gi|15530203|gb|AAH13876.1|	148	162	4618	18.84	6.73	29.74	21.52	18.14	13.88	18.84	20.38
33	gi|15530203|gb|AAH13876.1|	152	166	4619	14.54	14.92	14.54	6.06	37.32	54.49	6.85	4.34
33	gi|15530203|gb|AAH13876.1|	153	167	4620	11.59	11.59	17.57	6	49.66	45.7	5.07	4.12
33	gi|15530203|gb|AAH13876.1|	154	168	4621	4.08	4.08	10.46	3.91	17.82	24.82	3.08	4.01
33	gi|15530203|gb|AAH13876.1|	155	169	4622	4.01	2.65	13.21	4	16.71	19.9	2.53	4.01
33	gi|15530203|gb|AAH13876.1|	156	170	4623	8.81	1.74	16.21	8.81	16.68	18.38	1.88	4.01
33	gi|15530203|gb|AAH13876.1|	157	171	4624	9.74	1.28	19.47	9.74	17.42	18.6	1.38	4.01
33	gi|15530203|gb|AAH13876.1|	158	172	4625	14.08	2.63	27.91	14.08	30.73	23.15	2.27	4.01
33	gi|15530203|gb|AAH13876.1|	159	173	4626	18.65	5.17	48.91	18.65	48.73	26.58	7.33	10.53
33	gi|15530203|gb|AAH13876.1|	160	174	4627	13.27	1.77	53.12	13.27	63.66	24.99	8.05	10.53
33	gi|15530203|gb|AAH13876.1|	161	175	4628	15.36	6.98	22.11	15.36	75.22	22.54	15.22	12.23
33	gi|15530203|gb|AAH13876.1|	205	219	4629	18.81	18.81	8.74	6.07	75.22	48.75	42.67	4.54
33	gi|15530203|gb|AAH13876.1|	296	310	4630	14.96	1.99	17.01	14.96	17.27	32.03	2.86	11.66
33	gi|15530203|gb|AAH13876.1|	297	311	4631	14.47	1.94	14.47	14.54	17.46	15.94	2.13	11.66
33	gi|15530203|gb|AAH13876.1|	298	312	4632	12.95	1.93	18.91	12.95	17.45	13.44	1.95	8.42
33	gi|15530203|gb|AAH13876.1|	299	313	4633	10.42	1.8	18.74	10.42	17.14	10.69	1.93	8.42
33	gi|15530203|gb|AAH13876.1|	300	314	4634	10.98	1.73	18.91	10.98	22.1	11.98	4.62	8.42
33	gi|15530203|gb|AAH13876.1|	301	315	4635	12.95	4.7	18.91	12.95	28.2	15.2	5.75	8.42
33	gi|15530203|gb|AAH13876.1|	302	316	4636	15.54	4.72	27.9	15.54	35.21	27.95	6.97	8.42
33	gi|15530203|gb|AAH13876.1|	304	318	4637	13.05	12.33	36.74	13.05	70.51	50.7	12.73	8.42
33	gi|15530203|gb|AAH13876.1|	307	321	4638	17.74	13.04	15.07	25.35	70.51	33.03	17.74	15.26
33	gi|15530203|gb|AAH13876.1|	362	376	4639	19.73	4.77	69.58	19.73	74.94	45.02	14.57	3.19
33	gi|15530203|gb|AAH13876.1|	382	396	4640	14.96	14.96	16.13	4.42	43.81	16.9	0.45	7.39
33	gi|15530203|gb|AAH13876.1|	383	397	4641	2.81	9.33	0.04	2.88	28.73	1.81	0.45	2.81
33	gi|15530203|gb|AAH13876.1|	384	398	4642	2.78	5.7	0.06	2.88	26.88	0.66	0.46	2.78
33	gi|15530203|gb|AAH13876.1|	385	399	4643	2.82	3.68	0.13	2.88	24.58	0.67	0.73	2.82
33	gi|15530203|gb|AAH13876.1|	386	400	4644	2.97	2.8	0.25	5.36	23.56	0.86	2.99	2.97
33	gi|15530203|gb|AAH13876.1|	387	401	4645	4.02	5.48	0.4	11.98	30.18	1.81	3.93	4.02
33	gi|15530203|gb|AAH13876.1|	388	402	4646	9.36	9.36	0.68	16.93	36.33	4.93	5.1	9.43
33	gi|15530203|gb|AAH13876.1|	389	403	4647	16.6	16.6	1.12	32.53	44.6	24.93	10.37	12.48
33	gi|15530203|gb|AAH13876.1|	390	404	4648	18.44	16.6	16.25	26.61	42.53	21.99	10.93	18.44
33	gi|15530203|gb|AAH13876.1|	391	405	4649	17.89	16.6	17.89	22.1	43.66	10.09	10.62	18.44
33	gi|15530203|gb|AAH13876.1|	393	407	4650	14.26	14.26	19.56	22.25	39.55	4.84	10.58	12.24

Table 2

33	gi|15530203|gb|AAH13876.1|	419	433	4651	16.14	11.13	35.23	15.04	65.39	19.24	16.14	16
33	gi|15530203|gb|AAH13876.1|	420	434	4652	19.26	13.74	39.24	15.04	75.04	17.63	21.35	19.26
33	gi|15530203|gb|AAH13876.1|	428	442	4653	18.29	4.77	55.24	18.29	52.61	17.09	17.75	22.2
33	gi|15530203|gb|AAH13876.1|	441	455	4654	18.97	4.29	61.6	55.2	6.21	51.89	18.97	12.09
33	gi|15530203|gb|AAH13876.1|	442	456	4655	15.43	4.29	64.75	54.83	9.57	67.64	15.43	12.09
33	gi|15530203|gb|AAH13876.1|	455	469	4656	15.91	12.86	45.93	15.91	26.46	31.86	1.74	15.8
33	gi|15530203|gb|AAH13876.1|	456	470	4657	15.56	12.86	39.07	14.67	22.55	26.27	1.12	15.56
33	gi|15530203|gb|AAH13876.1|	457	471	4658	13.28	12.86	22.84	13.28	9.01	19.84	0.88	13.79
33	gi|15530203|gb|AAH13876.1|	458	472	4659	12.86	12.86	26.78	12.8	6.11	20.24	0.86	13.88
33	gi|15530203|gb|AAH13876.1|	459	473	4660	16.15	12.86	32.66	15.74	43.04	22.89	0.77	16.15
33	gi|15530203|gb|AAH13876.1|	465	479	4661	15.91	7.64	59.39	13.92	5.4	57.22	53.09	15.91
33	gi|15530203|gb|AAH13876.1|	466	480	4662	15.91	7.64	51.96	15.36	4.76	41.51	60.28	15.91
33	gi|15530203|gb|AAH13876.1|	467	481	4663	16.57	7.29	54.94	16.57	4.41	33.87	61.96	15.91
33	gi|15530203|gb|AAH13876.1|	468	482	4664	19.96	5.05	47.53	19.96	4.24	27.92	74.98	15.91
33	gi|15530203|gb|AAH13876.1|	469	483	4665	18.93	7.16	37.73	44.73	6.34	18.93	55.9	11.09
33	gi|15530203|gb|AAH13876.1|	470	484	4666	14.57	7.64	37.73	47.14	9.53	14.57	55.9	9.91
33	gi|15530203|gb|AAH13876.1|	471	485	4667	12.87	7.64	29.24	47.59	12.53	12.87	55.9	9.04
33	gi|15530203|gb|AAH13876.1|	486	500	4668	13.64	12.2	37.22	13.64	40.09	57.35	1.12	11.66
33	gi|15530203|gb|AAH13876.1|	487	501	4669	13.64	12.2	37.22	13.64	40.73	47.26	1.07	11.66
33	gi|15530203|gb|AAH13876.1|	488	502	4670	11.66	5.24	37.22	5.61	45.39	44.31	0.91	11.66
33	gi|15530203|gb|AAH13876.1|	489	503	4671	11.66	5.24	37.22	5.61	49.48	46.78	0.92	11.66
33	gi|15530203|gb|AAH13876.1|	490	504	4672	11.66	5.24	37.22	5.61	57.43	54.56	4.32	11.66
33	gi|15530203|gb|AAH13876.1|	491	505	4673	11.66	5.24	37.22	7.32	68.15	58.55	4.32	11.66
33	gi|15530203|gb|AAH13876.1|	492	506	4674	11.66	5.24	37.22	7.43	6.18	56.34	17.31	11.66
33	gi|15530203|gb|AAH13876.1|	509	523	4675	15.36	15.36	33.15	6.07	28.83	37.17	10.29	4.69
33	gi|15530203|gb|AAH13876.1|	510	524	4676	8.34	8.34	35.41	6.07	28.03	25.83	8.33	4.69
33	gi|15530203|gb|AAH13876.1|	511	525	4677	8.34	8.34	29.68	6.07	23.18	22.5	6.86	4.69
33	gi|15530203|gb|AAH13876.1|	512	526	4678	11.47	8.34	35.69	6.07	23.18	26.21	11.47	4.69
33	gi|15530203|gb|AAH13876.1|	538	552	4679	9.6	8.98	9.6	6.76	16.37	34.46	31.25	2.59
33	gi|15530203|gb|AAH13876.1|	539	553	4680	10.15	8.98	10.15	6.85	16.54	17.72	27.83	2.58
33	gi|15530203|gb|AAH13876.1|	540	554	4681	11.1	8.98	11.1	6.8	16.88	12.55	24.43	2.53
33	gi|15530203|gb|AAH13876.1|	541	555	4682	12.13	8.98	12.29	7.01	16.96	12.13	22.94	2.61
33	gi|15530203|gb|AAH13876.1|	542	556	4683	11.31	8.98	13.91	6.98	20.44	11.31	27.97	2.56
34	gi|46621652|gb|AAH69237.1|	51	65	4684	6.83	12.83	0.53	13.53	6.02	6.83	26.26	0.15
34	gi|46621652|gb|AAH69237.1|	52	66	4685	6.13	8.88	0.56	13.71	6.13	2.42	26.93	0.07
34	gi|46621652|gb|AAH69237.1|	53	67	4686	6.33	6.98	0.61	19.96	6.33	1.69	32.28	0.05
34	gi|46621652|gb|AAH69237.1|	54	68	4687	6.22	6.22	0.79	20.05	6.77	1.64	40.82	0.04
34	gi|46621652|gb|AAH69237.1|	55	69	4688	10.75	11.06	1.22	22.99	10.75	2.72	24.58	0.07
34	gi|46621652|gb|AAH69237.1|	56	70	4689	17.19	20.64	1.93	22.85	17.19	6.13	19.99	0.18
34	gi|46621652|gb|AAH69237.1|	59	73	4690	19.08	23.56	10.34	22.85	5.19	21.83	5.67	19.08
34	gi|46621652|gb|AAH69237.1|	60	74	4691	9.06	23.56	3.63	22.85	4.78	9.06	5.67	19.08
34	gi|46621652|gb|AAH69237.1|	61	75	4692	5.67	23.56	3.41	26.68	4.49	5.25	5.67	17.06
34	gi|46621652|gb|AAH69237.1|	62	76	4693	5.67	19.86	4.12	28.54	4.48	4.45	5.67	12.29
34	gi|46621652|gb|AAH69237.1|	63	77	4694	7.06	18.07	6.09	35.69	7.06	5.64	5.67	15.99
34	gi|46621652|gb|AAH69237.1|	64	78	4695	11.52	19.4	9.58	47.42	10.47	11.52	5.67	19.08
34	gi|46621652|gb|AAH69237.1|	65	79	4696	19.08	30.42	15.62	46.82	16.59	34.01	11.01	19.08
34	gi|46621652|gb|AAH69237.1|	66	80	4697	5.02	5.02	2.65	1.15	23.58	49.53	11.01	0.12
34	gi|46621652|gb|AAH69237.1|	67	81	4698	4.49	4.49	2.18	0.16	23.58	40.39	11.01	0.12

Table 2

34	gi|46621652|gb|AAH69237.1|	68	82	4699	3.04	0.88	3.04	0.16	26.63	21.59	11.01	0.12
34	gi|46621652|gb|AAH69237.1|	69	83	4700	4.86	0.87	4.86	0.16	26.63	18.26	11.01	0.12
34	gi|46621652|gb|AAH69237.1|	70	84	4701	4.86	0.86	4.86	0.16	26.63	17.04	11.01	0.12
34	gi|46621652|gb|AAH69237.1|	71	85	4702	4.86	0.9	4.86	0.18	26.63	20.41	11.01	0.21
34	gi|46621652|gb|AAH69237.1|	72	86	4703	4.86	0.92	4.86	0.76	26.63	29.98	25.53	0.22
34	gi|46621652|gb|AAH69237.1|	73	87	4704	6.05	3.88	6.05	1.42	68.77	35.93	23.64	1.96
34	gi|46621652|gb|AAH69237.1|	74	88	4705	13.47	1.77	21.11	27.18	0.01	26.41	13.47	2.06
34	gi|46621652|gb|AAH69237.1|	75	89	4706	19.8	1.12	25.09	32.28	0.01	19.8	13.47	22.83
34	gi|46621652|gb|AAH69237.1|	76	90	4707	15.8	0.56	29.71	32.88	0.01	15.8	13.47	23.08
34	gi|46621652|gb|AAH69237.1|	77	91	4708	16.76	0.45	38.91	40.99	0.01	16.76	13.47	30.6
34	gi|46621652|gb|AAH69237.1|	78	92	4709	18.09	0.75	43.58	41.15	0.01	18.09	9.15	30.14
34	gi|46621652|gb|AAH69237.1|	93	107	4710	12.23	4.2	32.16	10.58	55.11	45.43	4.97	12.23
34	gi|46621652|gb|AAH69237.1|	94	108	4711	12.23	3.84	32.16	9.37	55.11	43.6	4.47	12.23
34	gi|46621652|gb|AAH69237.1|	95	109	4712	11.66	2.22	15.6	9.14	57.16	28.73	3.3	11.66
34	gi|46621652|gb|AAH69237.1|	96	110	4713	11.66	1.77	18.13	9.39	57.16	21.27	2.88	11.66
34	gi|46621652|gb|AAH69237.1|	97	111	4714	11.66	1.77	19.72	10.02	57.16	18.93	4.52	11.66
34	gi|46621652|gb|AAH69237.1|	98	112	4715	18.34	1.77	21.67	18.34	69.69	19.12	4.91	11.66
34	gi|46621652|gb|AAH69237.1|	147	161	4716	15.9	15.9	8.71	1.93	75.22	48.5	32.92	7.03
34	gi|46621652|gb|AAH69237.1|	148	162	4717	15.7	15.7	13.09	1.92	75.22	48.05	22.51	7.03
34	gi|46621652|gb|AAH69237.1|	149	163	4718	19.74	18.67	19.74	1.98	75.22	52.78	21.11	7.03
34	gi|46621652|gb|AAH69237.1|	150	164	4719	19.46	18.67	20.27	7.12	75.22	57.38	19.46	7.07
34	gi|46621652|gb|AAH69237.1|	151	165	4720	19.36	3.73	20.1	6.56	73.24	49.71	19.36	7.03
34	gi|46621652|gb|AAH69237.1|	161	175	4721	17.29	13.66	17.29	21.39	64.47	34.24	3.76	11.66
34	gi|46621652|gb|AAH69237.1|	169	183	4722	17.58	6.18	5.3	17.58	20.52	23.42	5.09	18.44
34	gi|46621652|gb|AAH69237.1|	170	184	4723	17.64	6.18	6.65	17.64	19.94	15.22	19.76	18.44
34	gi|46621652|gb|AAH69237.1|	171	185	4724	17.35	3.47	6.8	17.35	17.58	10.88	21.77	18.44
34	gi|46621652|gb|AAH69237.1|	172	186	4725	11.17	2.32	7.79	22.84	16.73	11.17	4.71	18.44
34	gi|46621652|gb|AAH69237.1|	173	187	4726	16.13	4.98	9.98	23.12	27.97	16.13	3.24	18.44
34	gi|46621652|gb|AAH69237.1|	176	190	4727	14.75	14.75	41.46	13.64	49.7	75.47	1	12.92
34	gi|46621652|gb|AAH69237.1|	177	191	4728	4.48	4.48	20.33	0.37	1.48	22.68	0.72	7.03
34	gi|46621652|gb|AAH69237.1|	178	192	4729	4.24	4.24	23.74	0.37	1.45	10.51	0.71	7.03
34	gi|46621652|gb|AAH69237.1|	179	193	4730	3.48	3.48	27.26	0.37	1.14	7.41	3.08	7.03
34	gi|46621652|gb|AAH69237.1|	180	194	4731	5.52	3.35	30.05	0.37	1.08	5.52	5.59	7.03
34	gi|46621652|gb|AAH69237.1|	181	195	4732	5.23	4.07	30.19	0.37	1.25	5.23	5.59	7.03
34	gi|46621652|gb|AAH69237.1|	182	196	4733	6.18	6.18	35.95	1.62	2.94	8.24	5.59	10.78
34	gi|46621652|gb|AAH69237.1|	183	197	4734	7.47	7.47	46.03	2.15	3.3	20.99	5.85	14.6
34	gi|46621652|gb|AAH69237.1|	185	199	4735	11.34	10.3	32.35	11.34	20.91	38.12	6.91	9.97
34	gi|46621652|gb|AAH69237.1|	186	200	4736	10.55	10.55	27.45	9.79	20.91	26.71	5.43	9.97
34	gi|46621652|gb|AAH69237.1|	187	201	4737	9.97	8.25	23.27	9.96	20.91	19.65	4.75	9.97
34	gi|46621652|gb|AAH69237.1|	188	202	4738	9.97	5.69	25.97	9.14	20.91	8.8	11.43	9.97
34	gi|46621652|gb|AAH69237.1|	189	203	4739	9.97	3.55	30.41	9.84	20.91	6.79	23.51	9.97
34	gi|46621652|gb|AAH69237.1|	190	204	4740	16.66	1.86	34.89	16.66	20.12	6.33	29.71	9.97
34	gi|46621652|gb|AAH69237.1|	191	205	4741	9.97	1.32	46.38	21.22	16.83	7.57	8.22	9.97
34	gi|46621652|gb|AAH69237.1|	192	206	4742	15.91	2.46	64.49	39.08	16.8	10.55	3.7	15.91
34	gi|46621652|gb|AAH69237.1|	193	207	4743	17.47	4.95	70.13	43.52	17.47	15.74	3.42	26.29
34	gi|46621652|gb|AAH69237.1|	197	211	4744	19.57	27.29	43.36	12	19.57	27.42	1.13	16.57
34	gi|46621652|gb|AAH69237.1|	198	212	4745	6.53	2.71	11.54	11.05	7.52	6.53	0.89	3.01
34	gi|46621652|gb|AAH69237.1|	199	213	4746	3.17	2.18	11.56	12.69	3.55	2.23	3.17	3.12

Table 2

34	gi|46621652|gb|AAH69237.1|	200	214	4747	2.89	1.06	10.63	12.04	3.34	0.81	1.85	2.89
34	gi|46621652|gb|AAH69237.1|	201	215	4748	2.86	0.56	10.32	14.86	3.01	0.58	1.06	2.86
34	gi|46621652|gb|AAH69237.1|	202	216	4749	2.94	0.91	10.75	24.77	3.04	0.9	1.12	2.94
34	gi|46621652|gb|AAH69237.1|	203	217	4750	3.55	2.17	23.34	33.54	3.55	3.08	1.4	8.93
34	gi|46621652|gb|AAH69237.1|	204	218	4751	15.09	3.93	24.37	51.36	62.92	15.09	1.37	9.23
34	gi|46621652|gb|AAH69237.1|	209	223	4752	18.57	8.55	65.58	16.68	20.03	43.25	4.47	18.57
34	gi|46621652|gb|AAH69237.1|	210	224	4753	18.09	5.04	61.98	15.71	20.03	28.72	5.14	18.09
34	gi|46621652|gb|AAH69237.1|	211	225	4754	16	3.06	36.56	15.33	20.03	19.01	9.38	16
34	gi|46621652|gb|AAH69237.1|	215	229	4755	17.18	15.89	53.55	17.19	2.78	56.81	10.78	17.18
34	gi|46621652|gb|AAH69237.1|	218	232	4756	10.53	6.5	49.26	10.98	0.6	14.59	8.27	10.53
34	gi|46621652|gb|AAH69237.1|	219	233	4757	9.24	4.72	54.3	10.98	0.61	9.24	8.24	10.53
34	gi|46621652|gb|AAH69237.1|	220	234	4758	11.71	3.6	59.94	16.04	0.53	8.36	11.71	15.61
34	gi|46621652|gb|AAH69237.1|	221	235	4759	7.88	2.69	62.95	22.49	0.53	7.79	7.88	16.1
34	gi|46621652|gb|AAH69237.1|	229	243	4760	17.3	3.31	40	17.3	23.39	18.15	9.18	4.76
34	gi|46621652|gb|AAH69237.1|	230	244	4761	13.42	3.31	37.62	17.05	23.39	9.22	13.42	8.77
34	gi|46621652|gb|AAH69237.1|	231	245	4762	16.76	3.31	28.75	16.76	23.39	4.41	23.57	6.59
34	gi|46621652|gb|AAH69237.1|	232	246	4763	18.44	3.31	32.48	16.94	23.39	3.35	23.57	18.44
34	gi|46621652|gb|AAH69237.1|	233	247	4764	18.84	3.31	34.7	18.84	23.39	2.69	22.01	18.44
34	gi|46621652|gb|AAH69237.1|	234	248	4765	18.44	3.31	36.56	27.81	23.39	2.85	8.55	18.44
34	gi|46621652|gb|AAH69237.1|	235	249	4766	18.44	3.31	41.92	29.92	23.39	4.9	8.32	18.44
34	gi|46621652|gb|AAH69237.1|	242	256	4767	18.87	1.33	58.04	26.41	10.78	18.87	8.58	31.96
34	gi|46621652|gb|AAH69237.1|	243	257	4768	14.01	1.28	61.81	26.33	10.78	14.01	8.65	28.64
34	gi|46621652|gb|AAH69237.1|	244	258	4769	10.78	1.19	59.1	34.12	10.78	9.45	6.63	30.62
34	gi|46621652|gb|AAH69237.1|	245	259	4770	11.15	1.24	64.51	31.54	10.78	11.15	5.92	25.68
34	gi|46621652|gb|AAH69237.1|	246	260	4771	17.84	3.86	69.73	31.19	10.78	15.41	17.84	28.4
34	gi|46621652|gb|AAH69237.1|	259	273	4772	18.88	11.47	57.34	8.28	33.02	18.88	51.48	12.23
34	gi|46621652|gb|AAH69237.1|	260	274	4773	15.3	12.85	57.34	8.61	30.67	15.3	43.28	12.23
34	gi|46621652|gb|AAH69237.1|	261	275	4774	12.29	12.29	57.34	7.96	32.43	10.89	28.74	12.23
34	gi|46621652|gb|AAH69237.1|	262	276	4775	9.09	10.86	56.29	6.62	16.16	9.09	4.69	6.3
34	gi|46621652|gb|AAH69237.1|	263	277	4776	8.88	16.54	56.29	6.5	16.16	8.88	4.69	6.26
34	gi|46621652|gb|AAH69237.1|	264	278	4777	13.1	22.5	56.29	13.1	16.16	12.73	5.69	11.3
34	gi|46621652|gb|AAH69237.1|	265	279	4778	11.09	1.14	56.29	13.03	2.83	18.31	3.75	11.09
34	gi|46621652|gb|AAH69237.1|	266	280	4779	14.39	1.14	30.85	18.86	2.23	22.97	3.22	14.39
34	gi|46621652|gb|AAH69237.1|	356	370	4780	19.11	19.11	13.07	15.64	35.27	27.8	49.28	9.44
34	gi|46621652|gb|AAH69237.1|	357	371	4781	11.73	9.84	14.19	11.73	32.25	20.92	10.7	7.46
34	gi|46621652|gb|AAH69237.1|	358	372	4782	12.97	9.61	12.97	13.55	32.25	13.52	8.77	7.46
34	gi|46621652|gb|AAH69237.1|	359	373	4783	12.7	9.61	12.7	20.42	32.25	10.55	13.19	11.93
34	gi|46621652|gb|AAH69237.1|	360	374	4784	13.38	9.61	15.98	27.47	32.25	13.38	10.64	11.87
34	gi|46621652|gb|AAH69237.1|	369	383	4785	17.15	10.92	29.97	32.16	17.15	37.17	0.88	12.29
34	gi|46621652|gb|AAH69237.1|	370	384	4786	17.15	10.92	32	36.06	17.15	31.73	6.91	12.03
34	gi|46621652|gb|AAH69237.1|	371	385	4787	17.15	10.92	36.58	36.79	17.15	31.37	15.61	12.11
34	gi|46621652|gb|AAH69237.1|	377	391	4788	7.21	7.21	24.61	5.61	8.49	14.6	1.34	1.54
34	gi|46621652|gb|AAH69237.1|	378	392	4789	6.35	7.21	21.83	5.61	8.49	6.35	1.65	1.46
34	gi|46621652|gb|AAH69237.1|	379	393	4790	5.61	7.21	23.74	5.61	8.49	3.04	1.92	1.4
34	gi|46621652|gb|AAH69237.1|	380	394	4791	3.43	6.71	28.34	3.43	8.49	2.08	2.48	1.4
34	gi|46621652|gb|AAH69237.1|	381	395	4792	6.71	6.71	29.26	3.43	8.49	1.8	8.87	1.4
34	gi|46621652|gb|AAH69237.1|	382	396	4793	6.71	6.71	35.37	3.49	8.49	2.36	15.42	1.9
34	gi|46621652|gb|AAH69237.1|	383	397	4794	6.71	6.71	41.95	5.2	8.49	5.68	11.08	2

Table 2

34	gi|46621652|gb|AAH69237.1|	384	398	4795	17.42	6.71	56.98	18.78	56.26	12.13	17.42	12.23
34	gi|46621652|gb|AAH69237.1|	385	399	4796	11.83	6.71	1.98	18.77	37.63	13.91	11.83	5.66
34	gi|46621652|gb|AAH69237.1|	386	400	4797	9.54	5.86	2.63	18.17	36.85	16.1	7.23	9.54
34	gi|46621652|gb|AAH69237.1|	387	401	4798	9.07	6.33	3.93	17.4	36.58	12.66	4.63	9.07
34	gi|46621652|gb|AAH69237.1|	388	402	4799	9.47	6.31	6.21	21.43	36.74	12.47	3.44	9.47
34	gi|46621652|gb|AAH69237.1|	389	403	4800	8.89	5.35	6.21	20.13	51.26	14.06	2.47	8.89
34	gi|46621652|gb|AAH69237.1|	390	404	4801	10.52	8.41	6.21	25.61	55.8	18.26	3.61	10.52
34	gi|46621652|gb|AAH69237.1|	391	405	4802	14.12	8.46	6.21	27.48	55.8	26.56	3.47	14.12
34	gi|46621652|gb|AAH69237.1|	403	417	4803	13.66	4.37	30.93	4.12	23.33	14.22	4.54	13.66
34	gi|46621652|gb|AAH69237.1|	404	418	4804	8.09	2.99	34.75	4.25	22.65	8.09	7.57	10.53
34	gi|46621652|gb|AAH69237.1|	405	419	4805	7.29	2.99	39.05	4.3	22.42	7.29	7.25	10.53
34	gi|46621652|gb|AAH69237.1|	406	420	4806	9.21	2.99	45.36	6.13	23.07	9.21	7.47	10.59
34	gi|46621652|gb|AAH69237.1|	407	421	4807	11.96	2.99	49.94	11.15	29.12	12.72	7.68	11.96
34	gi|46621652|gb|AAH69237.1|	411	425	4808	15.78	7.92	36.42	38.56	13.78	15.69	22.43	15.78
34	gi|46621652|gb|AAH69237.1|	412	426	4809	15.41	5.27	38.87	44.58	12.17	12.13	22.43	15.41
34	gi|46621652|gb|AAH69237.1|	413	427	4810	15.29	6.52	43.28	51.82	11.97	12.49	15.29	15.43
34	gi|46621652|gb|AAH69237.1|	420	434	4811	13.87	7.55	70.61	7.88	17.09	28.99	13.87	3.19
34	gi|46621652|gb|AAH69237.1|	421	435	4812	14.6	14.6	71.38	7.9	17.7	16.24	13.87	3.19
34	gi|46621652|gb|AAH69237.1|	422	436	4813	14.58	14.58	74.21	7.92	18.55	12.95	15.26	3.19
34	gi|46621652|gb|AAH69237.1|	423	437	4814	12.18	17.3	74.58	7.49	18.75	12.18	10.06	3.19
34	gi|46621652|gb|AAH69237.1|	424	438	4815	15.11	16.55	76.84	7.53	21.72	15.11	2.04	3.19
34	gi|46621652|gb|AAH69237.1|	428	442	4816	15.26	14.96	51.66	12.51	59.48	42.29	0.63	15.26
34	gi|46621652|gb|AAH69237.1|	429	443	4817	15.26	14.96	47.51	12.04	56.74	28.7	0.74	15.26
34	gi|46621652|gb|AAH69237.1|	430	444	4818	15.26	14.96	50.86	12.02	57.82	26.23	0.74	15.26
34	gi|46621652|gb|AAH69237.1|	431	445	4819	15.26	11	56.92	12.15	63.07	27.79	2.57	15.26
34	gi|46621652|gb|AAH69237.1|	437	451	4820	9.21	8.34	53.51	4.88	9.21	28.21	32.36	8.25
34	gi|46621652|gb|AAH69237.1|	438	452	4821	10.5	21.69	40.33	9.17	9.21	10.5	32.36	5.49
34	gi|46621652|gb|AAH69237.1|	439	453	4822	11.7	21.69	44.07	9.17	11.7	7.44	32.36	4.05
34	gi|46621652|gb|AAH69237.1|	440	454	4823	10.91	18.08	47.08	9.17	10.91	5.92	32.36	5.72
34	gi|46621652|gb|AAH69237.1|	441	455	4824	10.6	18.08	45.85	9.17	10.6	5.84	32.36	6.95
34	gi|46621652|gb|AAH69237.1|	442	456	4825	13.43	18.08	48.38	13.43	11.8	7.23	19.45	8.64
34	gi|46621652|gb|AAH69237.1|	443	457	4826	18.08	18.08	60.42	13.43	17.34	20.95	5.51	22.78
34	gi|46621652|gb|AAH69237.1|	450	464	4827	15.42	14.56	46.17	15.42	27.06	34.75	0.16	6.6
34	gi|46621652|gb|AAH69237.1|	451	465	4828	14.21	13.72	42.72	14.21	27.06	23.53	0.16	6.6
34	gi|46621652|gb|AAH69237.1|	452	466	4829	13.98	8.34	40.75	13.98	27.06	16.74	0.26	6.6
34	gi|46621652|gb|AAH69237.1|	453	467	4830	14.24	8.34	44.8	14.24	27.06	14.57	0.32	6.6
34	gi|46621652|gb|AAH69237.1|	454	468	4831	17.32	8.34	49.61	17.62	75.22	17.32	0.55	9.42
34	gi|46621652|gb|AAH69237.1|	553	567	4832	10.05	12.2	10.05	26.7	9.68	18.54	0.23	7.46
34	gi|46621652|gb|AAH69237.1|	554	568	4833	10.01	12.2	11.63	16.29	10.01	8	0.13	7.46
34	gi|46621652|gb|AAH69237.1|	555	569	4834	11.62	12.2	16.58	15.97	11.62	6.66	0.14	7.46
34	gi|46621652|gb|AAH69237.1|	556	570	4835	12.2	12.2	20.99	15.71	12.86	5.43	0.14	7.46
34	gi|46621652|gb|AAH69237.1|	557	571	4836	8.98	8.98	31.45	15.88	21.17	6.66	0.14	5.05
34	gi|46621652|gb|AAH69237.1|	558	572	4837	9.49	8.98	35.21	11.56	21.17	9.49	0.46	5.05
34	gi|46621652|gb|AAH69237.1|	559	573	4838	12.96	8.98	41.67	12.96	21.17	18.47	1.06	5.05
34	gi|46621652|gb|AAH69237.1|	560	574	4839	14	8.98	58.62	14	21.17	32.46	3.37	5.05
34	gi|46621652|gb|AAH69237.1|	561	575	4840	17.96	11.49	34.01	12.84	59.46	30.02	17.96	5.05
34	gi|46621652|gb|AAH69237.1|	580	594	4841	19.61	12.1	19.61	26.42	60.71	25.35	1.93	7.03
34	gi|46621652|gb|AAH69237.1|	581	595	4842	18.15	23.7	16.13	24.82	40.91	18.15	5.23	7.03

Table 2

34	gi|46621652|gb|AAH69237.1|	587	601	4843	19.26	19.26	59.26	14.17	57	46.49	15.94	18.92
34	gi|46621652|gb|AAH69237.1|	588	602	4844	19.59	12.98	50.47	14.48	55.37	32.67	19.59	3.72
34	gi|46621652|gb|AAH69237.1|	589	603	4845	16.17	10.09	50.47	13.08	48.51	16.17	32.64	3.54
34	gi|46621652|gb|AAH69237.1|	591	605	4846	16.96	10.09	50.47	22.21	34.61	3.39	16.96	7.95
34	gi|46621652|gb|AAH69237.1|	592	606	4847	15.42	10.09	50.47	26.8	44.63	3.02	15.42	7.95
34	gi|46621652|gb|AAH69237.1|	593	607	4848	19.53	19.53	50.47	28.35	48.48	4.99	19.24	7.99
34	gi|46621652|gb|AAH69237.1|	601	615	4849	16	13.31	26.63	35.92	9.26	60.12	14.69	16
34	gi|46621652|gb|AAH69237.1|	605	619	4850	13.79	12.77	13.79	34.98	9.26	52.06	45.06	11.65
35	gi|16753207|ref|NP_038472.2|	51	65	4851	6.83	12.83	0.53	13.53	6.02	6.83	26.26	0.15
35	gi|16753207|ref|NP_038472.2|	52	66	4852	6.13	8.88	0.56	13.71	6.13	2.42	26.93	0.07
35	gi|16753207|ref|NP_038472.2|	53	67	4853	6.33	6.98	0.61	19.96	6.33	1.69	32.28	0.05
35	gi|16753207|ref|NP_038472.2|	54	68	4854	6.22	6.22	0.79	20.05	6.77	1.64	40.82	0.04
35	gi|16753207|ref|NP_038472.2|	55	69	4855	10.75	11.06	1.22	22.99	10.75	2.72	24.58	0.07
35	gi|16753207|ref|NP_038472.2|	56	70	4856	17.19	20.64	1.93	22.85	17.19	6.13	19.99	0.18
35	gi|16753207|ref|NP_038472.2|	59	73	4857	19.08	23.56	10.34	22.85	5.19	21.83	5.67	19.08
35	gi|16753207|ref|NP_038472.2|	60	74	4858	9.06	23.56	3.63	22.85	4.78	9.06	5.67	19.08
35	gi|16753207|ref|NP_038472.2|	61	75	4859	5.67	23.56	3.41	26.68	4.49	5.25	5.67	17.06
35	gi|16753207|ref|NP_038472.2|	62	76	4860	5.67	19.86	4.12	28.54	4.48	4.45	5.67	12.29
35	gi|16753207|ref|NP_038472.2|	63	77	4861	7.06	18.07	6.09	35.69	7.06	5.64	5.67	15.99
35	gi|16753207|ref|NP_038472.2|	64	78	4862	11.52	19.4	9.58	47.42	10.47	11.52	5.67	19.08
35	gi|16753207|ref|NP_038472.2|	65	79	4863	19.08	30.42	15.62	46.82	16.59	34.01	11.01	19.08
35	gi|16753207|ref|NP_038472.2|	66	80	4864	5.02	5.02	2.65	1.15	23.58	49.53	11.01	0.12
35	gi|16753207|ref|NP_038472.2|	67	81	4865	4.49	4.49	2.18	0.16	23.58	40.39	11.01	0.12
35	gi|16753207|ref|NP_038472.2|	68	82	4866	3.04	0.88	3.04	0.16	26.63	21.59	11.01	0.12
35	gi|16753207|ref|NP_038472.2|	69	83	4867	4.86	0.87	4.86	0.16	26.63	18.26	11.01	0.12
35	gi|16753207|ref|NP_038472.2|	70	84	4868	4.86	0.86	4.86	0.16	26.63	17.04	11.01	0.12
35	gi|16753207|ref|NP_038472.2|	71	85	4869	4.86	0.9	4.86	0.18	26.63	20.41	11.01	0.21
35	gi|16753207|ref|NP_038472.2|	72	86	4870	4.86	0.92	4.86	0.76	26.63	29.98	25.53	0.22
35	gi|16753207|ref|NP_038472.2|	73	87	4871	6.05	3.88	6.05	1.42	68.77	35.93	23.64	1.96
35	gi|16753207|ref|NP_038472.2|	74	88	4872	13.47	1.77	21.11	27.18	0.01	26.41	13.47	2.06
35	gi|16753207|ref|NP_038472.2|	75	89	4873	19.8	1.12	25.09	32.28	0.01	19.8	13.47	22.83
35	gi|16753207|ref|NP_038472.2|	76	90	4874	15.8	0.56	29.71	32.88	0.01	15.8	13.47	23.08
35	gi|16753207|ref|NP_038472.2|	77	91	4875	16.76	0.45	38.91	40.99	0.01	16.76	13.47	30.6
35	gi|16753207|ref|NP_038472.2|	78	92	4876	18.09	0.75	43.58	41.15	0.01	18.09	9.15	30.14
35	gi|16753207|ref|NP_038472.2|	93	107	4877	12.23	4.2	32.16	10.58	55.11	45.43	4.97	12.23
35	gi|16753207|ref|NP_038472.2|	94	108	4878	12.23	3.84	32.16	9.37	55.11	43.6	4.47	12.23
35	gi|16753207|ref|NP_038472.2|	95	109	4879	11.66	2.22	15.6	9.14	57.16	28.73	3.3	11.66
35	gi|16753207|ref|NP_038472.2|	96	110	4880	11.66	1.77	18.13	9.39	57.16	21.27	2.88	11.66
35	gi|16753207|ref|NP_038472.2|	97	111	4881	11.66	1.77	19.72	10.02	57.16	18.93	4.52	11.66
35	gi|16753207|ref|NP_038472.2|	98	112	4882	18.34	1.77	21.67	18.34	69.69	19.12	4.91	11.66
35	gi|16753207|ref|NP_038472.2|	147	161	4883	15.9	15.9	8.71	1.93	75.22	48.5	32.92	7.03
35	gi|16753207|ref|NP_038472.2|	148	162	4884	15.7	15.7	13.09	1.92	75.22	48.05	22.51	7.03
35	gi|16753207|ref|NP_038472.2|	149	163	4885	19.74	18.67	19.74	1.98	75.22	52.78	21.11	7.03
35	gi|16753207|ref|NP_038472.2|	150	164	4886	19.46	18.67	20.27	7.12	75.22	57.38	19.46	7.07
35	gi|16753207|ref|NP_038472.2|	151	165	4887	19.36	3.73	20.1	6.56	73.24	49.71	19.36	7.03
35	gi|16753207|ref|NP_038472.2|	161	175	4888	17.29	13.66	17.29	21.39	64.47	34.24	3.76	11.66
35	gi|16753207|ref|NP_038472.2|	169	183	4889	17.58	6.18	5.3	17.58	20.52	23.42	5.09	18.44
35	gi|16753207|ref|NP_038472.2|	170	184	4890	17.64	6.18	6.65	17.64	19.94	15.22	19.76	18.44

Table 2

35	gi|16753207|ref|NP_038472.2|	171	185	4891	17.35	3.47	6.8	17.35	17.58	10.88	21.77	18.44
35	gi|16753207|ref|NP_038472.2|	172	186	4892	11.17	2.32	7.79	22.84	16.73	11.17	4.71	18.44
35	gi|16753207|ref|NP_038472.2|	173	187	4893	16.13	4.98	9.98	23.12	27.97	16.13	3.24	18.44
35	gi|16753207|ref|NP_038472.2|	176	190	4894	14.75	14.75	41.46	13.64	49.7	75.47	1	12.92
35	gi|16753207|ref|NP_038472.2|	177	191	4895	4.48	4.48	20.33	0.37	1.48	22.68	0.72	7.03
35	gi|16753207|ref|NP_038472.2|	178	192	4896	4.24	4.24	23.74	0.37	1.45	10.51	0.71	7.03
35	gi|16753207|ref|NP_038472.2|	179	193	4897	3.48	3.48	27.26	0.37	1.14	7.41	3.08	7.03
35	gi|16753207|ref|NP_038472.2|	180	194	4898	5.52	3.35	30.05	0.37	1.08	5.52	5.59	7.03
35	gi|16753207|ref|NP_038472.2|	181	195	4899	5.23	4.07	30.19	0.37	1.25	5.23	5.59	7.03
35	gi|16753207|ref|NP_038472.2|	182	196	4900	6.18	6.18	35.95	1.62	2.94	8.24	5.59	10.78
35	gi|16753207|ref|NP_038472.2|	183	197	4901	7.47	7.47	46.03	2.15	3.3	20.99	5.85	14.6
35	gi|16753207|ref|NP_038472.2|	185	199	4902	11.34	10.3	32.35	11.34	20.91	38.12	6.91	9.97
35	gi|16753207|ref|NP_038472.2|	186	200	4903	10.55	10.55	27.45	9.79	20.91	26.71	5.43	9.97
35	gi|16753207|ref|NP_038472.2|	187	201	4904	9.97	8.25	23.27	9.96	20.91	19.65	4.75	9.97
35	gi|16753207|ref|NP_038472.2|	188	202	4905	9.97	5.69	25.97	9.14	20.91	8.8	11.43	9.97
35	gi|16753207|ref|NP_038472.2|	189	203	4906	9.97	3.55	30.41	9.84	20.91	6.79	23.51	9.97
35	gi|16753207|ref|NP_038472.2|	190	204	4907	16.66	1.86	34.89	16.66	20.12	6.33	29.71	9.97
35	gi|16753207|ref|NP_038472.2|	191	205	4908	9.97	1.32	46.38	21.22	16.83	7.57	8.22	9.97
35	gi|16753207|ref|NP_038472.2|	192	206	4909	15.91	2.46	64.49	39.08	16.8	10.55	3.7	15.91
35	gi|16753207|ref|NP_038472.2|	193	207	4910	17.47	4.95	70.13	43.52	17.47	15.74	3.42	26.29
35	gi|16753207|ref|NP_038472.2|	197	211	4911	19.57	27.29	43.36	12	19.57	27.42	1.13	16.57
35	gi|16753207|ref|NP_038472.2|	198	212	4912	6.53	2.71	11.54	11.05	7.52	6.53	0.89	3.01
35	gi|16753207|ref|NP_038472.2|	199	213	4913	3.17	2.18	11.56	12.69	3.55	2.23	3.17	3.12
35	gi|16753207|ref|NP_038472.2|	200	214	4914	2.89	1.06	10.63	12.04	3.34	0.81	1.85	2.89
35	gi|16753207|ref|NP_038472.2|	201	215	4915	2.86	0.56	10.32	14.86	3.01	0.58	1.06	2.86
35	gi|16753207|ref|NP_038472.2|	202	216	4916	2.94	0.91	10.75	24.77	3.04	0.9	1.12	2.94
35	gi|16753207|ref|NP_038472.2|	203	217	4917	3.55	2.17	23.34	33.54	3.55	3.08	1.4	8.93
35	gi|16753207|ref|NP_038472.2|	204	218	4918	15.09	3.93	24.37	51.36	62.92	15.09	1.37	9.23
35	gi|16753207|ref|NP_038472.2|	209	223	4919	18.57	8.55	65.58	16.68	20.03	43.25	4.47	18.57
35	gi|16753207|ref|NP_038472.2|	210	224	4920	18.09	5.04	61.98	15.71	20.03	28.72	5.14	18.09
35	gi|16753207|ref|NP_038472.2|	211	225	4921	16	3.06	36.56	15.33	20.03	19.01	9.38	16
35	gi|16753207|ref|NP_038472.2|	215	229	4922	17.18	15.89	53.55	17.19	2.78	56.81	10.78	17.18
35	gi|16753207|ref|NP_038472.2|	218	232	4923	10.53	6.5	49.26	10.98	0.6	14.59	8.27	10.53
35	gi|16753207|ref|NP_038472.2|	219	233	4924	9.24	4.72	54.3	10.98	0.61	9.24	8.24	10.53
35	gi|16753207|ref|NP_038472.2|	220	234	4925	11.71	3.6	59.94	16.04	0.53	8.36	11.71	15.61
35	gi|16753207|ref|NP_038472.2|	221	235	4926	7.88	2.69	62.95	22.49	0.53	7.79	7.88	16.1
35	gi|16753207|ref|NP_038472.2|	229	243	4927	17.3	3.31	40	17.3	23.39	18.15	9.18	4.76
35	gi|16753207|ref|NP_038472.2|	230	244	4928	13.42	3.31	37.62	17.05	23.39	9.22	13.42	8.77
35	gi|16753207|ref|NP_038472.2|	231	245	4929	16.76	3.31	28.75	16.76	23.39	4.41	23.57	6.59
35	gi|16753207|ref|NP_038472.2|	232	246	4930	18.44	3.31	32.48	16.94	23.39	3.35	23.57	18.44
35	gi|16753207|ref|NP_038472.2|	233	247	4931	18.84	3.31	34.7	18.84	23.39	2.69	22.01	18.44
35	gi|16753207|ref|NP_038472.2|	234	248	4932	18.44	3.31	36.56	27.81	23.39	2.85	8.55	18.44
35	gi|16753207|ref|NP_038472.2|	235	249	4933	18.44	3.31	41.92	29.92	23.39	4.9	8.32	18.44
35	gi|16753207|ref|NP_038472.2|	242	256	4934	18.87	1.33	58.04	26.41	10.78	18.87	8.58	31.96
35	gi|16753207|ref|NP_038472.2|	243	257	4935	14.01	1.28	61.81	26.33	10.78	14.01	8.65	28.64
35	gi|16753207|ref|NP_038472.2|	244	258	4936	10.78	1.19	59.1	34.12	10.78	9.45	6.63	30.62
35	gi|16753207|ref|NP_038472.2|	245	259	4937	11.15	1.24	64.51	31.54	10.78	11.15	5.92	25.68
35	gi|16753207|ref|NP_038472.2|	246	260	4938	17.84	3.86	69.73	31.19	10.78	15.41	17.84	28.4

Table 2

35	gi|16753207|ref|NP_038472.2|	259	273	4939	18.88	11.47	57.34	8.28	33.02	18.88	51.48	12.23
35	gi|16753207|ref|NP_038472.2|	260	274	4940	15.3	12.85	57.34	8.61	30.67	15.3	43.28	12.23
35	gi|16753207|ref|NP_038472.2|	261	275	4941	12.29	12.29	57.34	7.96	32.43	10.89	28.74	12.23
35	gi|16753207|ref|NP_038472.2|	262	276	4942	9.09	10.86	56.29	6.62	16.16	9.09	4.69	6.3
35	gi|16753207|ref|NP_038472.2|	263	277	4943	8.88	16.54	56.29	6.5	16.16	8.88	4.69	6.26
35	gi|16753207|ref|NP_038472.2|	264	278	4944	13.1	22.5	56.29	13.1	16.16	12.73	5.69	11.3
35	gi|16753207|ref|NP_038472.2|	265	279	4945	11.09	1.14	56.29	13.03	2.83	18.31	3.75	11.09
35	gi|16753207|ref|NP_038472.2|	266	280	4946	14.39	1.14	30.85	18.86	2.23	22.97	3.22	14.39
35	gi|16753207|ref|NP_038472.2|	356	370	4947	19.11	19.11	13.07	15.64	35.27	27.8	49.28	9.44
35	gi|16753207|ref|NP_038472.2|	357	371	4948	11.73	9.84	14.19	11.73	32.25	20.92	10.7	7.46
35	gi|16753207|ref|NP_038472.2|	358	372	4949	12.97	9.61	12.97	13.55	32.25	13.52	8.77	7.46
35	gi|16753207|ref|NP_038472.2|	359	373	4950	12.7	9.61	12.7	20.42	32.25	10.55	13.19	11.93
35	gi|16753207|ref|NP_038472.2|	360	374	4951	13.38	9.61	15.98	27.47	32.25	13.38	10.64	11.87
35	gi|16753207|ref|NP_038472.2|	369	383	4952	17.15	10.92	29.97	32.16	17.15	37.17	0.88	12.29
35	gi|16753207|ref|NP_038472.2|	370	384	4953	17.15	10.92	32	36.06	17.15	31.73	6.91	12.03
35	gi|16753207|ref|NP_038472.2|	371	385	4954	17.15	10.92	36.58	36.79	17.15	31.37	15.61	12.11
35	gi|16753207|ref|NP_038472.2|	377	391	4955	7.21	7.21	24.61	5.61	8.49	14.6	1.34	1.54
35	gi|16753207|ref|NP_038472.2|	378	392	4956	6.35	7.21	21.83	5.61	8.49	6.35	1.65	1.46
35	gi|16753207|ref|NP_038472.2|	379	393	4957	5.61	7.21	23.74	5.61	8.49	3.04	1.92	1.4
35	gi|16753207|ref|NP_038472.2|	380	394	4958	3.43	6.71	28.34	3.43	8.49	2.08	2.48	1.4
35	gi|16753207|ref|NP_038472.2|	381	395	4959	6.71	6.71	29.26	3.43	8.49	1.8	8.87	1.4
35	gi|16753207|ref|NP_038472.2|	382	396	4960	6.71	6.71	35.37	3.49	8.49	2.36	15.42	1.9
35	gi|16753207|ref|NP_038472.2|	383	397	4961	6.71	6.71	41.95	5.2	8.49	5.68	11.08	2
35	gi|16753207|ref|NP_038472.2|	384	398	4962	17.42	6.71	56.98	18.78	56.26	12.13	17.42	12.23
35	gi|16753207|ref|NP_038472.2|	385	399	4963	11.83	6.71	1.98	18.77	37.63	13.91	11.83	5.66
35	gi|16753207|ref|NP_038472.2|	386	400	4964	9.54	5.86	2.63	18.17	36.85	16.1	7.23	9.54
35	gi|16753207|ref|NP_038472.2|	387	401	4965	9.07	6.33	3.93	17.4	36.58	12.66	4.63	9.07
35	gi|16753207|ref|NP_038472.2|	388	402	4966	9.47	6.31	6.21	21.43	36.74	12.47	3.44	9.47
35	gi|16753207|ref|NP_038472.2|	389	403	4967	8.89	5.35	6.21	20.13	51.26	14.06	2.47	8.89
35	gi|16753207|ref|NP_038472.2|	390	404	4968	10.52	8.41	6.21	25.61	55.8	18.26	3.61	10.52
35	gi|16753207|ref|NP_038472.2|	391	405	4969	14.12	8.46	6.21	27.48	55.8	26.56	3.47	14.12
35	gi|16753207|ref|NP_038472.2|	403	417	4970	13.66	4.37	30.93	4.12	23.33	14.22	4.54	13.66
35	gi|16753207|ref|NP_038472.2|	404	418	4971	8.09	2.99	34.75	4.25	22.65	8.09	7.57	10.53
35	gi|16753207|ref|NP_038472.2|	405	419	4972	7.29	2.99	39.05	4.3	22.42	7.29	7.25	10.53
35	gi|16753207|ref|NP_038472.2|	406	420	4973	9.21	2.99	45.36	6.13	23.07	9.21	7.47	10.59
35	gi|16753207|ref|NP_038472.2|	407	421	4974	11.96	2.99	49.94	11.15	29.12	12.72	7.68	11.96
35	gi|16753207|ref|NP_038472.2|	411	425	4975	15.78	7.92	36.42	38.56	13.78	15.69	22.43	15.78
35	gi|16753207|ref|NP_038472.2|	412	426	4976	15.41	5.27	38.87	44.58	12.17	12.13	22.43	15.41
35	gi|16753207|ref|NP_038472.2|	413	427	4977	15.29	6.52	43.28	51.82	11.97	12.49	15.29	15.43
35	gi|16753207|ref|NP_038472.2|	420	434	4978	13.87	7.55	70.61	7.88	17.09	28.99	13.87	3.19
35	gi|16753207|ref|NP_038472.2|	421	435	4979	14.6	14.6	71.38	7.9	17.7	16.24	13.87	3.19
35	gi|16753207|ref|NP_038472.2|	422	436	4980	14.58	14.58	74.21	7.92	18.55	12.95	15.26	3.19
35	gi|16753207|ref|NP_038472.2|	423	437	4981	12.18	17.3	74.58	7.49	18.75	12.18	10.06	3.19
35	gi|16753207|ref|NP_038472.2|	424	438	4982	15.11	16.55	76.84	7.53	21.72	15.11	2.04	3.19
35	gi|16753207|ref|NP_038472.2|	428	442	4983	15.26	14.96	51.66	12.51	59.48	42.29	0.63	15.26
35	gi|16753207|ref|NP_038472.2|	429	443	4984	15.26	14.96	47.51	12.04	56.74	28.7	0.74	15.26
35	gi|16753207|ref|NP_038472.2|	430	444	4985	15.26	14.96	50.86	12.02	57.82	26.23	0.74	15.26
35	gi|16753207|ref|NP_038472.2|	431	445	4986	15.26	11	56.92	12.15	63.07	27.79	2.57	15.26

Table 2

35	gi|16753207|ref|NP_038472.2|	437	451	4987	9.21	8.34	53.51	4.88	9.21	28.21	32.36	8.25
35	gi|16753207|ref|NP_038472.2|	438	452	4988	10.5	21.69	40.33	9.17	9.21	10.5	32.36	5.49
35	gi|16753207|ref|NP_038472.2|	439	453	4989	11.7	21.69	44.07	9.17	11.7	7.44	32.36	4.05
35	gi|16753207|ref|NP_038472.2|	440	454	4990	10.91	18.08	47.08	9.17	10.91	5.92	32.36	5.72
35	gi|16753207|ref|NP_038472.2|	441	455	4991	10.6	18.08	45.85	9.17	10.6	5.84	32.36	6.95
35	gi|16753207|ref|NP_038472.2|	442	456	4992	13.43	18.08	48.38	13.43	11.8	7.23	19.45	8.64
35	gi|16753207|ref|NP_038472.2|	443	457	4993	18.08	18.08	60.42	13.43	17.34	20.95	5.51	22.78
35	gi|16753207|ref|NP_038472.2|	450	464	4994	15.42	14.56	46.17	15.42	27.06	34.75	0.16	6.6
35	gi|16753207|ref|NP_038472.2|	451	465	4995	14.21	13.72	42.72	14.21	27.06	23.53	0.16	6.6
35	gi|16753207|ref|NP_038472.2|	452	466	4996	13.98	8.34	40.75	13.98	27.06	16.74	0.26	6.6
35	gi|16753207|ref|NP_038472.2|	453	467	4997	14.24	8.34	44.8	14.24	27.06	14.57	0.32	6.6
35	gi|16753207|ref|NP_038472.2|	454	468	4998	17.32	8.34	49.61	17.62	75.22	17.32	0.55	9.42
35	gi|16753207|ref|NP_038472.2|	553	567	4999	10.05	12.2	10.05	26.7	9.68	18.54	0.23	7.46
35	gi|16753207|ref|NP_038472.2|	554	568	5000	10.01	12.2	11.63	16.29	10.01	8	0.13	7.46
35	gi|16753207|ref|NP_038472.2|	555	569	5001	11.62	12.2	16.58	15.97	11.62	6.66	0.14	7.46
35	gi|16753207|ref|NP_038472.2|	556	570	5002	12.2	12.2	20.99	15.71	12.86	5.43	0.14	7.46
35	gi|16753207|ref|NP_038472.2|	557	571	5003	8.98	8.98	31.45	15.88	21.17	6.66	0.14	5.05
35	gi|16753207|ref|NP_038472.2|	558	572	5004	9.49	8.98	35.21	11.56	21.17	9.49	0.46	5.05
35	gi|16753207|ref|NP_038472.2|	559	573	5005	12.96	8.98	41.67	12.96	21.17	18.47	1.06	5.05
35	gi|16753207|ref|NP_038472.2|	560	574	5006	14	8.98	58.62	14	21.17	32.46	3.37	5.05
35	gi|16753207|ref|NP_038472.2|	561	575	5007	17.96	11.49	34.01	12.84	59.46	30.02	17.96	5.05
35	gi|16753207|ref|NP_038472.2|	580	594	5008	19.61	12.1	19.61	26.42	60.71	25.35	1.93	7.03
35	gi|16753207|ref|NP_038472.2|	581	595	5009	18.15	23.7	16.13	24.82	40.91	18.15	5.23	7.03
35	gi|16753207|ref|NP_038472.2|	587	601	5010	19.26	19.26	59.26	14.17	57	46.49	15.94	18.92
35	gi|16753207|ref|NP_038472.2|	588	602	5011	19.59	12.98	50.47	14.48	55.37	32.67	19.59	3.72
35	gi|16753207|ref|NP_038472.2|	589	603	5012	16.17	10.09	50.47	13.08	48.51	16.17	32.64	3.54
35	gi|16753207|ref|NP_038472.2|	591	605	5013	16.96	10.09	50.47	22.21	34.61	3.39	16.96	7.95
35	gi|16753207|ref|NP_038472.2|	592	606	5014	15.42	10.09	50.47	26.8	44.63	3.02	15.42	7.95
35	gi|16753207|ref|NP_038472.2|	593	607	5015	19.53	19.53	50.47	28.35	48.48	4.99	19.24	7.99
35	gi|16753207|ref|NP_038472.2|	601	615	5016	16	13.31	26.63	35.92	9.26	60.12	14.69	16
35	gi|16753207|ref|NP_038472.2|	605	619	5017	13.79	12.77	13.79	34.98	9.26	52.06	45.06	11.65
36	gi|119613639|gb|EAW93233.1|	51	65	5018	6.83	12.83	0.53	13.53	6.02	6.83	26.26	0.15
36	gi|119613639|gb|EAW93233.1|	52	66	5019	6.13	8.88	0.56	13.71	6.13	2.42	26.93	0.07
36	gi|119613639|gb|EAW93233.1|	53	67	5020	6.33	6.98	0.61	19.96	6.33	1.69	32.28	0.05
36	gi|119613639|gb|EAW93233.1|	54	68	5021	6.22	6.22	0.79	20.05	6.77	1.64	40.82	0.04
36	gi|119613639|gb|EAW93233.1|	55	69	5022	10.75	11.06	1.22	22.99	10.75	2.72	24.58	0.07
36	gi|119613639|gb|EAW93233.1|	56	70	5023	17.19	20.64	1.93	22.85	17.19	6.13	19.99	0.18
36	gi|119613639|gb|EAW93233.1|	59	73	5024	19.08	23.56	10.34	22.85	5.19	21.83	5.67	19.08
36	gi|119613639|gb|EAW93233.1|	60	74	5025	9.06	23.56	3.63	22.85	4.78	9.06	5.67	19.08
36	gi|119613639|gb|EAW93233.1|	61	75	5026	5.67	23.56	3.41	26.68	4.49	5.25	5.67	17.06
36	gi|119613639|gb|EAW93233.1|	62	76	5027	5.67	19.86	4.12	28.54	4.48	4.45	5.67	12.29
36	gi|119613639|gb|EAW93233.1|	63	77	5028	7.06	18.07	6.09	35.69	7.06	5.64	5.67	15.99
36	gi|119613639|gb|EAW93233.1|	64	78	5029	11.52	19.4	9.58	47.42	10.47	11.52	5.67	19.08
36	gi|119613639|gb|EAW93233.1|	65	79	5030	19.08	30.42	15.62	46.82	16.59	34.01	11.01	19.08
36	gi|119613639|gb|EAW93233.1|	66	80	5031	5.02	5.02	2.65	1.15	23.58	49.53	11.01	0.12
36	gi|119613639|gb|EAW93233.1|	67	81	5032	4.49	4.49	2.18	0.16	23.58	40.39	11.01	0.12
36	gi|119613639|gb|EAW93233.1|	68	82	5033	3.04	0.88	3.04	0.16	26.63	21.59	11.01	0.12
36	gi|119613639|gb|EAW93233.1|	69	83	5034	4.86	0.87	4.86	0.16	26.63	18.26	11.01	0.12

Table 2

36	gi|119613639|gb|EAW93233.1|	70	84	5035	4.86	0.86	4.86	0.16	26.63	17.04	11.01	0.12
36	gi|119613639|gb|EAW93233.1|	71	85	5036	4.86	0.9	4.86	0.18	26.63	20.41	11.01	0.21
36	gi|119613639|gb|EAW93233.1|	72	86	5037	4.86	0.92	4.86	0.76	26.63	29.98	25.53	0.22
36	gi|119613639|gb|EAW93233.1|	73	87	5038	6.05	3.88	6.05	1.42	68.77	35.93	23.64	1.96
36	gi|119613639|gb|EAW93233.1|	74	88	5039	13.47	1.77	21.11	27.18	0.01	26.41	13.47	2.06
36	gi|119613639|gb|EAW93233.1|	75	89	5040	19.8	1.12	25.09	32.28	0.01	19.8	13.47	22.83
36	gi|119613639|gb|EAW93233.1|	76	90	5041	15.8	0.56	29.71	32.88	0.01	15.8	13.47	23.08
36	gi|119613639|gb|EAW93233.1|	77	91	5042	16.76	0.45	38.91	40.99	0.01	16.76	13.47	30.6
36	gi|119613639|gb|EAW93233.1|	78	92	5043	18.09	0.75	43.58	41.15	0.01	18.09	9.15	30.14
36	gi|119613639|gb|EAW93233.1|	93	107	5044	12.23	4.2	32.16	10.58	55.11	45.43	4.97	12.23
36	gi|119613639|gb|EAW93233.1|	94	108	5045	12.23	3.84	32.16	9.37	55.11	43.6	4.47	12.23
36	gi|119613639|gb|EAW93233.1|	95	109	5046	11.66	2.22	15.6	9.14	57.16	28.73	3.3	11.66
36	gi|119613639|gb|EAW93233.1|	96	110	5047	11.66	1.77	18.13	9.39	57.16	21.27	2.88	11.66
36	gi|119613639|gb|EAW93233.1|	97	111	5048	11.66	1.77	19.72	10.02	57.16	18.93	4.52	11.66
36	gi|119613639|gb|EAW93233.1|	98	112	5049	18.34	1.77	21.67	18.34	69.69	19.12	4.91	11.66
36	gi|119613639|gb|EAW93233.1|	147	161	5050	15.9	15.9	8.71	1.93	75.22	48.5	32.92	7.03
36	gi|119613639|gb|EAW93233.1|	148	162	5051	15.7	15.7	13.09	1.92	75.22	48.05	22.51	7.03
36	gi|119613639|gb|EAW93233.1|	149	163	5052	19.74	18.67	19.74	1.98	75.22	52.78	21.11	7.03
36	gi|119613639|gb|EAW93233.1|	150	164	5053	19.46	18.67	20.27	7.12	75.22	57.38	19.46	7.07
36	gi|119613639|gb|EAW93233.1|	151	165	5054	19.36	3.73	20.1	6.56	73.24	49.71	19.36	7.03
36	gi|119613639|gb|EAW93233.1|	161	175	5055	17.29	13.66	17.29	21.39	64.47	34.24	3.76	11.66
36	gi|119613639|gb|EAW93233.1|	169	183	5056	17.58	6.18	5.3	17.58	20.52	23.42	5.09	18.44
36	gi|119613639|gb|EAW93233.1|	170	184	5057	17.64	6.18	6.65	17.64	19.94	15.22	19.76	18.44
36	gi|119613639|gb|EAW93233.1|	171	185	5058	17.35	3.47	6.8	17.35	17.58	10.88	21.77	18.44
36	gi|119613639|gb|EAW93233.1|	172	186	5059	11.17	2.32	7.79	22.84	16.73	11.17	4.71	18.44
36	gi|119613639|gb|EAW93233.1|	173	187	5060	16.13	4.98	9.98	23.12	27.97	16.13	3.24	18.44
36	gi|119613639|gb|EAW93233.1|	176	190	5061	14.75	14.75	41.46	13.64	49.7	75.47	1	12.92
36	gi|119613639|gb|EAW93233.1|	177	191	5062	4.48	4.48	20.33	0.37	1.48	22.68	0.72	7.03
36	gi|119613639|gb|EAW93233.1|	178	192	5063	4.24	4.24	23.74	0.37	1.45	10.51	0.71	7.03
36	gi|119613639|gb|EAW93233.1|	179	193	5064	3.48	3.48	27.26	0.37	1.14	7.41	3.08	7.03
36	gi|119613639|gb|EAW93233.1|	180	194	5065	5.52	3.35	30.05	0.37	1.08	5.52	5.59	7.03
36	gi|119613639|gb|EAW93233.1|	181	195	5066	5.23	4.07	30.19	0.37	1.25	5.23	5.59	7.03
36	gi|119613639|gb|EAW93233.1|	182	196	5067	6.18	6.18	35.95	1.62	2.94	8.24	5.59	10.78
36	gi|119613639|gb|EAW93233.1|	183	197	5068	7.47	7.47	46.03	2.15	3.3	20.99	5.85	14.6
36	gi|119613639|gb|EAW93233.1|	185	199	5069	11.34	10.3	32.35	11.34	20.91	38.12	6.91	9.97
36	gi|119613639|gb|EAW93233.1|	186	200	5070	10.55	10.55	27.45	9.79	20.91	26.71	5.43	9.97
36	gi|119613639|gb|EAW93233.1|	187	201	5071	9.97	8.25	23.27	9.96	20.91	19.65	4.75	9.97
36	gi|119613639|gb|EAW93233.1|	188	202	5072	9.97	5.69	25.97	9.14	20.91	8.8	11.43	9.97
36	gi|119613639|gb|EAW93233.1|	189	203	5073	9.97	3.55	30.41	9.84	20.91	6.79	23.51	9.97
36	gi|119613639|gb|EAW93233.1|	190	204	5074	16.66	1.86	34.89	16.66	20.12	6.33	29.71	9.97
36	gi|119613639|gb|EAW93233.1|	191	205	5075	9.97	1.32	46.38	21.22	16.83	7.57	8.22	9.97
36	gi|119613639|gb|EAW93233.1|	192	206	5076	15.91	2.46	64.49	39.08	16.8	10.55	3.7	15.91
36	gi|119613639|gb|EAW93233.1|	193	207	5077	17.47	4.95	70.13	43.52	17.47	15.74	3.42	26.29
36	gi|119613639|gb|EAW93233.1|	197	211	5078	19.57	27.29	43.36	12	19.57	27.42	1.13	16.57
36	gi|119613639|gb|EAW93233.1|	198	212	5079	6.53	2.71	11.54	11.05	7.52	6.53	0.89	3.01
36	gi|119613639|gb|EAW93233.1|	199	213	5080	3.17	2.18	11.56	12.69	3.55	2.23	3.17	3.12
36	gi|119613639|gb|EAW93233.1|	200	214	5081	2.89	1.06	10.63	12.04	3.34	0.81	1.85	2.89
36	gi|119613639|gb|EAW93233.1|	201	215	5082	2.86	0.56	10.32	14.86	3.01	0.58	1.06	2.86

Table 2

36	gi|119613639|gb|EAW93233.1|	202	216	5083	2.94	0.91	10.75	24.77	3.04	0.9	1.12	2.94
36	gi|119613639|gb|EAW93233.1|	203	217	5084	3.55	2.17	23.34	33.54	3.55	3.08	1.4	8.93
36	gi|119613639|gb|EAW93233.1|	204	218	5085	15.09	3.93	24.37	51.36	62.92	15.09	1.37	9.23
36	gi|119613639|gb|EAW93233.1|	209	223	5086	18.57	8.55	65.58	16.68	20.03	43.25	4.47	18.57
36	gi|119613639|gb|EAW93233.1|	210	224	5087	18.09	5.04	61.98	15.71	20.03	28.72	5.14	18.09
36	gi|119613639|gb|EAW93233.1|	211	225	5088	16	3.06	36.56	15.33	20.03	19.01	9.38	16
36	gi|119613639|gb|EAW93233.1|	215	229	5089	17.18	15.89	53.55	17.19	2.78	56.81	10.78	17.18
36	gi|119613639|gb|EAW93233.1|	218	232	5090	10.53	6.5	49.26	10.98	0.6	14.59	8.27	10.53
36	gi|119613639|gb|EAW93233.1|	219	233	5091	9.24	4.72	54.3	10.98	0.61	9.24	8.24	10.53
36	gi|119613639|gb|EAW93233.1|	220	234	5092	11.71	3.6	59.94	16.04	0.53	8.36	11.71	15.61
36	gi|119613639|gb|EAW93233.1|	221	235	5093	7.88	2.69	62.95	22.49	0.53	7.79	7.88	16.1
36	gi|119613639|gb|EAW93233.1|	229	243	5094	17.3	3.31	40	17.3	23.39	18.15	9.18	4.76
36	gi|119613639|gb|EAW93233.1|	230	244	5095	13.42	3.31	37.62	17.05	23.39	9.22	13.42	8.77
36	gi|119613639|gb|EAW93233.1|	231	245	5096	16.76	3.31	28.75	16.76	23.39	4.41	23.57	6.59
36	gi|119613639|gb|EAW93233.1|	232	246	5097	18.44	3.31	32.48	16.94	23.39	3.35	23.57	18.44
36	gi|119613639|gb|EAW93233.1|	233	247	5098	18.84	3.31	34.7	18.84	23.39	2.69	22.01	18.44
36	gi|119613639|gb|EAW93233.1|	234	248	5099	18.44	3.31	36.56	27.81	23.39	2.85	8.55	18.44
36	gi|119613639|gb|EAW93233.1|	235	249	5100	18.44	3.31	41.92	29.92	23.39	4.9	8.32	18.44
36	gi|119613639|gb|EAW93233.1|	242	256	5101	18.87	1.33	58.04	26.41	10.78	18.87	8.58	31.96
36	gi|119613639|gb|EAW93233.1|	243	257	5102	14.01	1.28	61.81	26.33	10.78	14.01	8.65	28.64
36	gi|119613639|gb|EAW93233.1|	244	258	5103	10.78	1.19	59.1	34.12	10.78	9.45	6.63	30.62
36	gi|119613639|gb|EAW93233.1|	245	259	5104	11.15	1.24	64.51	31.54	10.78	11.15	5.92	25.68
36	gi|119613639|gb|EAW93233.1|	246	260	5105	17.84	3.86	69.73	31.19	10.78	15.41	17.84	28.4
36	gi|119613639|gb|EAW93233.1|	259	273	5106	18.88	11.47	57.34	8.28	33.02	18.88	51.48	12.23
36	gi|119613639|gb|EAW93233.1|	260	274	5107	15.3	12.85	57.34	8.61	30.67	15.3	43.28	12.23
36	gi|119613639|gb|EAW93233.1|	261	275	5108	12.29	12.29	57.34	7.96	32.43	10.89	28.74	12.23
36	gi|119613639|gb|EAW93233.1|	262	276	5109	9.09	10.86	56.29	6.62	16.16	9.09	4.69	6.3
36	gi|119613639|gb|EAW93233.1|	263	277	5110	8.88	16.54	56.29	6.5	16.16	8.88	4.69	6.26
36	gi|119613639|gb|EAW93233.1|	264	278	5111	13.1	22.5	56.29	13.1	16.16	12.73	5.69	11.3
36	gi|119613639|gb|EAW93233.1|	265	279	5112	11.09	1.14	56.29	13.03	2.83	18.31	3.75	11.09
36	gi|119613639|gb|EAW93233.1|	266	280	5113	14.39	1.14	30.85	18.86	2.23	22.97	3.22	14.39
36	gi|119613639|gb|EAW93233.1|	356	370	5114	19.11	19.11	13.07	15.64	35.27	27.8	49.28	9.44
36	gi|119613639|gb|EAW93233.1|	357	371	5115	11.73	9.84	14.19	11.73	32.25	20.92	10.7	7.46
36	gi|119613639|gb|EAW93233.1|	358	372	5116	12.97	9.61	12.97	13.55	32.25	13.52	8.77	7.46
36	gi|119613639|gb|EAW93233.1|	359	373	5117	12.7	9.61	12.7	20.42	32.25	10.55	13.19	11.93
36	gi|119613639|gb|EAW93233.1|	360	374	5118	13.38	9.61	15.98	27.47	32.25	13.38	10.64	11.87
36	gi|119613639|gb|EAW93233.1|	369	383	5119	17.15	10.92	29.97	32.16	17.15	37.17	0.88	12.29
36	gi|119613639|gb|EAW93233.1|	370	384	5120	17.15	10.92	32	36.06	17.15	31.73	6.91	12.03
36	gi|119613639|gb|EAW93233.1|	371	385	5121	17.15	10.92	36.58	36.79	17.15	31.37	15.61	12.11
36	gi|119613639|gb|EAW93233.1|	377	391	5122	7.21	7.21	24.61	5.61	8.49	14.6	1.34	1.54
36	gi|119613639|gb|EAW93233.1|	378	392	5123	6.35	7.21	21.83	5.61	8.49	6.35	1.65	1.46
36	gi|119613639|gb|EAW93233.1|	379	393	5124	5.61	7.21	23.74	5.61	8.49	3.04	1.92	1.4
36	gi|119613639|gb|EAW93233.1|	380	394	5125	3.43	6.71	28.34	3.43	8.49	2.08	2.48	1.4
36	gi|119613639|gb|EAW93233.1|	381	395	5126	6.71	6.71	29.26	3.43	8.49	1.8	8.87	1.4
36	gi|119613639|gb|EAW93233.1|	382	396	5127	6.71	6.71	35.37	3.49	8.49	2.36	15.42	1.9
36	gi|119613639|gb|EAW93233.1|	383	397	5128	6.71	6.71	41.95	5.2	8.49	5.68	11.08	2
36	gi|119613639|gb|EAW93233.1|	384	398	5129	17.42	6.71	56.98	18.78	56.26	12.13	17.42	12.23
36	gi|119613639|gb|EAW93233.1|	385	399	5130	11.83	6.71	1.98	18.77	37.63	13.91	11.83	5.66

Table 2

36	gi|119613639|gb|EAW93233.1|	386	400	5131	9.54	5.86	2.63	18.17	36.85	16.1	7.23	9.54
36	gi|119613639|gb|EAW93233.1|	387	401	5132	9.07	6.33	3.93	17.4	36.58	12.66	4.63	9.07
36	gi|119613639|gb|EAW93233.1|	388	402	5133	9.47	6.31	6.21	21.43	36.74	12.47	3.44	9.47
36	gi|119613639|gb|EAW93233.1|	389	403	5134	8.89	5.35	6.21	20.13	51.26	14.06	2.47	8.89
36	gi|119613639|gb|EAW93233.1|	390	404	5135	10.52	8.41	6.21	25.61	55.8	18.26	3.61	10.52
36	gi|119613639|gb|EAW93233.1|	391	405	5136	14.12	8.46	6.21	27.48	55.8	26.56	3.47	14.12
36	gi|119613639|gb|EAW93233.1|	403	417	5137	13.66	4.37	30.93	4.12	23.33	14.22	4.54	13.66
36	gi|119613639|gb|EAW93233.1|	404	418	5138	8.09	2.99	34.75	4.25	22.65	8.09	7.57	10.53
36	gi|119613639|gb|EAW93233.1|	405	419	5139	7.29	2.99	39.05	4.3	22.42	7.29	7.25	10.53
36	gi|119613639|gb|EAW93233.1|	406	420	5140	9.21	2.99	45.36	6.13	23.07	9.21	7.47	10.59
36	gi|119613639|gb|EAW93233.1|	407	421	5141	11.96	2.99	49.94	11.15	29.12	12.72	7.68	11.96
36	gi|119613639|gb|EAW93233.1|	411	425	5142	15.78	7.92	36.42	38.56	13.78	15.69	22.43	15.78
36	gi|119613639|gb|EAW93233.1|	412	426	5143	15.41	5.27	38.87	44.58	12.17	12.13	22.43	15.41
36	gi|119613639|gb|EAW93233.1|	413	427	5144	15.29	6.52	43.28	51.82	11.97	12.49	15.29	15.43
36	gi|119613639|gb|EAW93233.1|	420	434	5145	13.87	7.55	70.61	7.88	17.09	28.99	13.87	3.19
36	gi|119613639|gb|EAW93233.1|	421	435	5146	14.6	14.6	71.38	7.9	17.7	16.24	13.87	3.19
36	gi|119613639|gb|EAW93233.1|	422	436	5147	14.58	14.58	74.21	7.92	18.55	12.95	15.26	3.19
36	gi|119613639|gb|EAW93233.1|	423	437	5148	12.18	17.3	74.58	7.49	18.75	12.18	10.06	3.19
36	gi|119613639|gb|EAW93233.1|	424	438	5149	15.11	16.55	76.84	7.53	21.72	15.11	2.04	3.19
36	gi|119613639|gb|EAW93233.1|	428	442	5150	15.26	14.96	51.66	12.51	59.48	42.29	0.63	15.26
36	gi|119613639|gb|EAW93233.1|	429	443	5151	15.26	14.96	47.51	12.04	56.74	28.7	0.74	15.26
36	gi|119613639|gb|EAW93233.1|	430	444	5152	15.26	14.96	50.86	12.02	57.82	26.23	0.74	15.26
36	gi|119613639|gb|EAW93233.1|	431	445	5153	15.26	11	56.92	12.15	63.07	27.79	2.57	15.26
36	gi|119613639|gb|EAW93233.1|	437	451	5154	9.21	8.34	53.51	4.88	9.21	28.21	32.36	8.25
36	gi|119613639|gb|EAW93233.1|	438	452	5155	10.5	21.69	40.33	9.17	9.21	10.5	32.36	5.49
36	gi|119613639|gb|EAW93233.1|	439	453	5156	11.7	21.69	44.07	9.17	11.7	7.44	32.36	4.05
36	gi|119613639|gb|EAW93233.1|	440	454	5157	10.91	18.08	47.08	9.17	10.91	5.92	32.36	5.72
36	gi|119613639|gb|EAW93233.1|	441	455	5158	10.6	18.08	45.85	9.17	10.6	5.84	32.36	6.95
36	gi|119613639|gb|EAW93233.1|	442	456	5159	13.43	18.08	48.38	13.43	11.8	7.23	19.45	8.64
36	gi|119613639|gb|EAW93233.1|	443	457	5160	18.08	18.08	60.42	13.43	17.34	20.95	5.51	22.78
36	gi|119613639|gb|EAW93233.1|	450	464	5161	15.42	14.56	46.17	15.42	27.06	34.75	0.16	6.6
36	gi|119613639|gb|EAW93233.1|	451	465	5162	14.21	13.72	42.72	14.21	27.06	23.53	0.16	6.6
36	gi|119613639|gb|EAW93233.1|	452	466	5163	13.98	8.34	40.75	13.98	27.06	16.74	0.26	6.6
36	gi|119613639|gb|EAW93233.1|	453	467	5164	14.24	8.34	44.8	14.24	27.06	14.57	0.32	6.6
36	gi|119613639|gb|EAW93233.1|	454	468	5165	17.32	8.34	49.61	17.62	75.22	17.32	0.55	9.42
36	gi|119613639|gb|EAW93233.1|	553	567	5166	10.05	12.2	10.05	26.7	9.68	18.54	0.23	7.46
36	gi|119613639|gb|EAW93233.1|	554	568	5167	10.01	12.2	11.63	16.29	10.01	8	0.13	7.46
36	gi|119613639|gb|EAW93233.1|	555	569	5168	11.62	12.2	16.58	15.97	11.62	6.66	0.14	7.46
36	gi|119613639|gb|EAW93233.1|	556	570	5169	12.2	12.2	20.99	15.71	12.86	5.43	0.14	7.46
36	gi|119613639|gb|EAW93233.1|	557	571	5170	8.98	8.98	31.45	15.88	21.17	6.66	0.14	5.05
36	gi|119613639|gb|EAW93233.1|	558	572	5171	9.49	8.98	35.21	11.56	21.17	9.49	0.46	5.05
36	gi|119613639|gb|EAW93233.1|	559	573	5172	12.96	8.98	41.67	12.96	21.17	18.47	1.06	5.05
36	gi|119613639|gb|EAW93233.1|	560	574	5173	14	8.98	58.62	14	21.17	32.46	3.37	5.05
36	gi|119613639|gb|EAW93233.1|	561	575	5174	17.96	11.49	34.01	12.84	59.46	30.02	17.96	5.05
36	gi|119613639|gb|EAW93233.1|	580	594	5175	19.61	12.1	19.61	26.42	60.71	25.35	1.93	7.03
36	gi|119613639|gb|EAW93233.1|	581	595	5176	18.15	23.7	16.13	24.82	40.91	18.15	5.23	7.03
36	gi|119613639|gb|EAW93233.1|	587	601	5177	19.26	19.26	59.26	14.17	57	46.49	15.94	18.92
36	gi|119613639|gb|EAW93233.1|	588	602	5178	19.59	12.98	50.47	14.48	55.37	32.67	19.59	3.72

Table 2

36	gi|119613639|gb|EAW93233.1|	589	603	5179	16.17	10.09	50.47	13.08	48.51	16.17	32.64	3.54
36	gi|119613639|gb|EAW93233.1|	591	605	5180	16.96	10.09	50.47	22.21	34.61	3.39	16.96	7.95
36	gi|119613639|gb|EAW93233.1|	592	606	5181	15.42	10.09	50.47	26.8	44.63	3.02	15.42	7.95
36	gi|119613639|gb|EAW93233.1|	593	607	5182	19.53	19.53	50.47	28.35	48.48	4.99	19.24	7.99
36	gi|119613639|gb|EAW93233.1|	601	615	5183	16	13.31	26.63	35.92	9.26	60.12	14.69	16
36	gi|119613639|gb|EAW93233.1|	605	619	5184	13.79	12.77	13.79	34.98	9.26	52.06	45.06	11.65
37	gi|90903231|ref|NP_002102.4|	1	15	5185	13.11	10.92	34.66	17.93	13.11	26.29	11.67	6.18
37	gi|90903231|ref|NP_002102.4|	2	16	5186	11.67	10.92	34.66	2.58	16.71	14.15	11.67	9.48
37	gi|90903231|ref|NP_002102.4|	3	17	5187	10.15	10.15	34.66	2.46	13.11	8.01	11.67	7.51
37	gi|90903231|ref|NP_002102.4|	4	18	5188	7.73	7.73	34.66	2.71	13.11	6.73	13.07	5.77
37	gi|90903231|ref|NP_002102.4|	5	19	5189	10.92	10.92	15.46	2.48	13.11	5.8	14.86	2.68
37	gi|90903231|ref|NP_002102.4|	6	20	5190	10.92	10.92	17.73	2.66	31.73	4.95	14.46	2.68
37	gi|90903231|ref|NP_002102.4|	7	21	5191	10.92	10.92	21.65	7.32	35.52	7.88	18.08	2.68
37	gi|90903231|ref|NP_002102.4|	8	22	5192	12.63	14.28	25.06	7.74	35.52	12.63	3.02	2.68
37	gi|90903231|ref|NP_002102.4|	106	120	5193	16.53	3.38	24	16.53	40.47	18.75	4.59	14
37	gi|90903231|ref|NP_002102.4|	107	121	5194	19.22	3.51	28.08	21.83	53.27	19.22	4.43	14.56
37	gi|90903231|ref|NP_002102.4|	117	131	5195	16.5	16.5	8.9	8.61	46.92	36.28	22.79	1.16
37	gi|90903231|ref|NP_002102.4|	118	132	5196	18.78	31.94	12.91	8.65	46.92	30.58	18.78	1.54
37	gi|90903231|ref|NP_002102.4|	119	133	5197	15.52	20.18	11.01	7.96	46.92	24.39	15.52	1.54
37	gi|90903231|ref|NP_002102.4|	120	134	5198	11.28	15.45	8.97	4.75	37.18	22.3	11.28	1.54
37	gi|90903231|ref|NP_002102.4|	121	135	5199	9.67	9.61	9.67	4.37	30.95	25.1	12.63	1.54
37	gi|90903231|ref|NP_002102.4|	122	136	5200	9.61	9.61	11.1	6.08	27.18	33.24	7.06	1.69
37	gi|90903231|ref|NP_002102.4|	123	137	5201	9.61	9.61	14.79	6.24	25.11	49.42	7.06	1.69
37	gi|90903231|ref|NP_002102.4|	124	138	5202	9.61	9.61	27.88	7.67	31.19	63.17	7.06	8.57
37	gi|90903231|ref|NP_002102.4|	125	139	5203	12.59	9.61	34.5	12.59	31.32	74.28	7.06	9.76
37	gi|90903231|ref|NP_002102.4|	148	162	5204	15.76	6.03	17.45	15.76	25.89	32.25	14.2	14.13
37	gi|90903231|ref|NP_002102.4|	149	163	5205	15.73	6.05	19.68	15.73	25.89	29.96	9.11	14.13
37	gi|90903231|ref|NP_002102.4|	150	164	5206	15.82	5.67	22.7	15.82	25.89	28.98	6.74	14.13
37	gi|90903231|ref|NP_002102.4|	151	165	5207	14.13	5.59	19.35	9.87	25.89	21.86	4.3	14.13
37	gi|90903231|ref|NP_002102.4|	152	166	5208	14.13	9.64	20.52	11.34	26.39	23.49	3.44	14.13
37	gi|90903231|ref|NP_002102.4|	153	167	5209	14.13	2.22	20.1	12.34	16.47	17.42	2.85	14.13
37	gi|90903231|ref|NP_002102.4|	154	168	5210	11.85	6.88	18.01	11.85	16.47	8.74	5.47	14.67
37	gi|90903231|ref|NP_002102.4|	155	169	5211	12.85	4.02	29.21	12.85	16.47	5.92	7.56	14.67
37	gi|90903231|ref|NP_002102.4|	156	170	5212	15.86	2.3	30.21	19.64	15.86	3.64	17.89	14.67
37	gi|90903231|ref|NP_002102.4|	157	171	5213	16.47	2.94	37.21	25.22	16.47	4.92	19.62	14.67
37	gi|90903231|ref|NP_002102.4|	158	172	5214	18.1	3.87	47.92	34.49	16.47	6.64	18.1	23.35
37	gi|90903231|ref|NP_002102.4|	159	173	5215	18.44	6.85	54.52	41.34	37.37	14.81	9.72	18.44
37	gi|90903231|ref|NP_002102.4|	164	178	5216	17.15	17.15	69.82	11.19	21.54	42.78	8.11	6.18
37	gi|90903231|ref|NP_002102.4|	165	179	5217	17.15	17.15	75.66	11.48	21.33	42.1	10.32	6.18
37	gi|90903231|ref|NP_002102.4|	170	184	5218	10	4.02	74.36	10	34.9	30.72	5.28	6.18
37	gi|90903231|ref|NP_002102.4|	171	185	5219	14.33	3.95	18.91	14.33	34.9	16.18	5.49	12.23
37	gi|90903231|ref|NP_002102.4|	172	186	5220	12.23	3.54	18.91	18.79	34.9	10.53	10.33	12.23
37	gi|90903231|ref|NP_002102.4|	173	187	5221	12.23	3.51	18.91	19.08	34.9	9.99	10.53	12.23
37	gi|90903231|ref|NP_002102.4|	174	188	5222	18.91	3.58	18.91	25.19	34.9	14.52	18.79	21.82
37	gi|90903231|ref|NP_002102.4|	180	194	5223	18.01	30.02	21.96	12.46	21.92	18.01	16.3	8.92
37	gi|90903231|ref|NP_002102.4|	181	195	5224	19.01	29.85	22.35	17.88	19.01	14.57	20.97	8.92
37	gi|90903231|ref|NP_002102.4|	182	196	5225	18.55	29.73	22.43	17.71	20.42	14.96	18.55	8.92
37	gi|90903231|ref|NP_002102.4|	183	197	5226	19.78	25.71	21.5	7.56	21.85	17.82	19.78	8.92

Table 2

37	gi|90903231|ref|NP_002102.4|	184	198	5227	16.19	26.29	17.06	6.43	7.5	16.29	16.19	3.76
37	gi|90903231|ref|NP_002102.4|	185	199	5228	11.7	19.28	13.26	6.99	7.6	11.7	15.48	3.68
37	gi|90903231|ref|NP_002102.4|	186	200	5229	7.84	14.56	13.13	6.26	7.84	6.5	15.93	1.27
37	gi|90903231|ref|NP_002102.4|	187	201	5230	8.72	16.19	16.51	8.72	8.15	6.54	26.41	1.27
37	gi|90903231|ref|NP_002102.4|	188	202	5231	12.94	16.65	19.83	11.56	12.94	7.11	27.37	1.27
37	gi|90903231|ref|NP_002102.4|	189	203	5232	17.48	17.29	24.01	17.48	21.57	8.51	27.25	1.27
37	gi|90903231|ref|NP_002102.4|	195	209	5233	16.01	16.01	41.4	15.98	28.63	32.28	7.66	7.41
37	gi|90903231|ref|NP_002102.4|	196	210	5234	16.73	16.46	42.98	16.73	26.18	34.9	10.34	15.24
37	gi|90903231|ref|NP_002102.4|	202	216	5235	12.68	6.44	41.34	7.76	2.84	27.9	22.46	12.68
37	gi|90903231|ref|NP_002102.4|	203	217	5236	9.87	5.06	47.34	9.87	3.02	17.06	17.18	3.59
37	gi|90903231|ref|NP_002102.4|	204	218	5237	9.79	4.98	55.47	9.79	3.24	14.53	14.27	3.54
37	gi|90903231|ref|NP_002102.4|	205	219	5238	9.17	4.89	57.34	9.17	4.99	13.45	14.06	3.47
37	gi|90903231|ref|NP_002102.4|	206	220	5239	10.98	6.75	53.65	10.98	8.35	16.96	29.88	3.31
37	gi|90903231|ref|NP_002102.4|	207	221	5240	13.93	4.01	43.51	13.93	12.8	23.95	32.38	3.67
37	gi|90903231|ref|NP_002102.4|	225	239	5241	15.15	15.15	7.18	31.19	40.35	14.91	31.71	9.97
37	gi|90903231|ref|NP_002102.4|	226	240	5242	15.15	15.15	10.16	32.15	40.35	12.68	31.71	9.97
37	gi|90903231|ref|NP_002102.4|	229	243	5243	19.73	15.15	24.24	24.12	15.99	27.05	19.73	9.97
37	gi|90903231|ref|NP_002102.4|	231	245	5244	15.99	13	36.41	7.47	15.99	36.43	17.97	13.66
37	gi|90903231|ref|NP_002102.4|	232	246	5245	13.66	13	36.84	3.87	7.6	23.08	19.03	13.66
37	gi|90903231|ref|NP_002102.4|	233	247	5246	13.66	13	41.7	4.04	7.6	23.76	26.49	13.66
37	gi|90903231|ref|NP_002102.4|	234	248	5247	13.66	13	45.58	3.59	7.6	25.24	29.02	13.66
37	gi|90903231|ref|NP_002102.4|	235	249	5248	14.67	13	48.79	4.4	7.6	31.07	36.23	14.67
37	gi|90903231|ref|NP_002102.4|	244	258	5249	5.39	2.15	26.65	5.18	5.39	34.19	2.62	8.42
37	gi|90903231|ref|NP_002102.4|	245	259	5250	8.42	13.53	4.6	4.26	9.23	38.22	2.59	8.42
37	gi|90903231|ref|NP_002102.4|	246	260	5251	8.42	12.15	4.65	3.21	9.33	37.35	2.6	8.42
37	gi|90903231|ref|NP_002102.4|	247	261	5252	4.01	3.92	4.01	1.08	7.68	26.99	1.07	8.42
37	gi|90903231|ref|NP_002102.4|	248	262	5253	3.4	3.4	4.01	0.81	7.95	7.7	0.84	1.41
37	gi|90903231|ref|NP_002102.4|	249	263	5254	3.62	3.62	4.01	0.83	9.54	4.78	1.26	0.97
37	gi|90903231|ref|NP_002102.4|	250	264	5255	3.53	3.62	4.01	0.94	9.93	3.53	1.25	0.63
37	gi|90903231|ref|NP_002102.4|	251	265	5256	2.82	3.6	4.01	2.82	7.22	1.63	1.51	0.45
37	gi|90903231|ref|NP_002102.4|	252	266	5257	4.6	3.6	9.46	4.6	35.15	1.2	17.6	0.81
37	gi|90903231|ref|NP_002102.4|	253	267	5258	5.18	3.6	9.46	5.18	32.36	0.96	16.21	1.24
37	gi|90903231|ref|NP_002102.4|	254	268	5259	5.18	3.6	9.18	5.18	27.5	0.83	18.47	1.83
37	gi|90903231|ref|NP_002102.4|	255	269	5260	6.82	2.99	6.82	15.04	39.28	1.01	31.27	2.05
37	gi|90903231|ref|NP_002102.4|	256	270	5261	8.4	2.99	8.4	15.04	52.27	0.94	43.11	2.05
37	gi|90903231|ref|NP_002102.4|	257	271	5262	10.32	2.79	10.32	15.78	59.61	1.4	43.11	2.05
37	gi|90903231|ref|NP_002102.4|	258	272	5263	12.85	2.11	12.85	19.66	61.21	1.88	43.11	2.05
37	gi|90903231|ref|NP_002102.4|	259	273	5264	17.25	2.99	17.25	35.73	61.21	3.61	50.93	2.05
37	gi|90903231|ref|NP_002102.4|	264	278	5265	19.5	11.89	3.51	23.79	28.82	19.5	30.84	11.49
37	gi|90903231|ref|NP_002102.4|	265	279	5266	14.45	11.29	3.16	22.83	28.82	14.45	30.64	10.99
37	gi|90903231|ref|NP_002102.4|	266	280	5267	17.74	11.38	3.21	24.13	28.82	17.74	38.13	11.28
37	gi|90903231|ref|NP_002102.4|	282	296	5268	14.78	14.78	4.16	3.18	26.94	35.75	17.83	10.53
37	gi|90903231|ref|NP_002102.4|	283	297	5269	12.27	13.92	4.47	3.67	22.08	32.9	12.27	9
37	gi|90903231|ref|NP_002102.4|	284	298	5270	10.53	8.4	4.25	3.61	21.71	27.76	12.9	10.53
37	gi|90903231|ref|NP_002102.4|	285	299	5271	10.53	9.06	7	4.68	24.02	28.32	11.68	10.53
37	gi|90903231|ref|NP_002102.4|	286	300	5272	9.75	6.71	9.75	2.37	22.96	29.97	10.63	7.03
37	gi|90903231|ref|NP_002102.4|	287	301	5273	16	6.71	16	4.41	25.05	31.7	40.81	2.68
37	gi|90903231|ref|NP_002102.4|	288	302	5274	16	6.71	16	0.79	25.62	40.17	26.26	2.68

Table 2

37	gi|90903231|ref|NP_002102.4|	289	303	5275	16	8.25	16	0.79	25.62	49.36	27.2	2.68
37	gi|90903231|ref|NP_002102.4|	290	304	5276	16	2.56	16	0.79	25.62	59.23	27.09	2.68
37	gi|90903231|ref|NP_002102.4|	313	327	5277	19.21	0.62	22.95	1.76	35.94	33.58	19.21	5.88
37	gi|90903231|ref|NP_002102.4|	314	328	5278	2.67	1.59	19.93	1.76	41.52	9.95	2.67	0.55
37	gi|90903231|ref|NP_002102.4|	315	329	5279	2.25	1.59	22.95	2.25	46.84	4.72	1.62	0.55
37	gi|90903231|ref|NP_002102.4|	316	330	5280	2.32	1.59	24.24	2.32	54.11	3.31	0.83	0.55
37	gi|90903231|ref|NP_002102.4|	317	331	5281	2.71	3.36	21.63	2.71	48.66	2.57	0.14	0.55
37	gi|90903231|ref|NP_002102.4|	318	332	5282	4.01	4.01	24.33	4.43	50.27	3.19	0.14	0.55
37	gi|90903231|ref|NP_002102.4|	319	333	5283	7.74	12.2	28.04	7.74	49.73	5.9	0.16	1.14
37	gi|90903231|ref|NP_002102.4|	320	334	5284	9.27	9.27	31.75	9.19	53.8	19.35	0.14	1.17
37	gi|90903231|ref|NP_002102.4|	321	335	5285	13.85	9.47	67.72	12.5	74.17	38.26	0.14	13.85
37	gi|90903231|ref|NP_002102.4|	350	364	5286	14.3	14.3	6.91	13.88	48.17	75.64	18.21	4.59
37	gi|90903231|ref|NP_002102.4|	351	365	5287	14.3	14.3	9.79	11.52	49.44	63.14	17.4	4.51
37	gi|90903231|ref|NP_002102.4|	352	366	5288	14.3	14.3	14.08	10.7	43.6	47.12	15.9	4.07
37	gi|90903231|ref|NP_002102.4|	353	367	5289	14.74	14.3	17.64	9.32	47.98	34.29	14.74	4.02
37	gi|90903231|ref|NP_002102.4|	354	368	5290	14.3	14.3	18.76	9.48	46.55	27.97	13.87	3.9
37	gi|90903231|ref|NP_002102.4|	355	369	5291	16.49	14.3	22.83	13.05	47.24	24.92	16.49	7.58
37	gi|90903231|ref|NP_002102.4|	356	370	5292	15.36	9.61	15.36	16.41	53.53	23.02	14.74	7.16
37	gi|90903231|ref|NP_002102.4|	358	372	5293	16.4	14.53	13.54	36.05	41.56	32.19	7.26	16.4
37	gi|90903231|ref|NP_002102.4|	374	388	5294	19.64	5.1	62.17	19.64	59.75	45.7	0.78	2.92
37	gi|90903231|ref|NP_002102.4|	375	389	5295	19.98	9.61	67.94	19.98	63.58	45.63	0.79	2.92
37	gi|90903231|ref|NP_002102.4|	377	391	5296	17.72	8.58	65.84	17.72	62.94	47.78	1.86	2.92
37	gi|90903231|ref|NP_002102.4|	379	393	5297	12.08	7.76	12.08	24.67	62.94	33.94	4.61	4.02
37	gi|90903231|ref|NP_002102.4|	380	394	5298	7.76	7.76	5.68	26.29	4.51	12.49	12.44	5.05
37	gi|90903231|ref|NP_002102.4|	381	395	5299	7.4	7.76	7.4	27.43	4.2	7.18	19.15	5.05
37	gi|90903231|ref|NP_002102.4|	382	396	5300	7.76	7.76	9.39	30.39	4.03	6.07	23.56	5.05
37	gi|90903231|ref|NP_002102.4|	383	397	5301	7.8	7.8	10.38	35.36	3.7	6.14	31.55	5.05
37	gi|90903231|ref|NP_002102.4|	384	398	5302	9.14	8.89	14.86	47.03	6.24	9.14	20.63	5.05
37	gi|90903231|ref|NP_002102.4|	385	399	5303	15.96	8.89	19.81	51.68	10.91	20.12	15.96	5.48
37	gi|90903231|ref|NP_002102.4|	386	400	5304	18.45	17.2	34.75	51.21	18.45	49.92	13.72	6.6
37	gi|90903231|ref|NP_002102.4|	389	403	5305	14	11.5	25.86	21.81	14	47.4	7.99	11.3
37	gi|90903231|ref|NP_002102.4|	390	404	5306	14.36	12.21	30.21	22.55	14.36	47.89	8.78	11.65
37	gi|90903231|ref|NP_002102.4|	526	540	5307	18.44	9.61	3.88	8.06	69.66	38.5	47.05	18.44
37	gi|90903231|ref|NP_002102.4|	527	541	5308	18.44	9.61	4.48	7.94	68.55	25.93	47.05	18.44
37	gi|90903231|ref|NP_002102.4|	528	542	5309	18.2	9.61	4.5	7.55	64.59	18.2	47.05	18.44
37	gi|90903231|ref|NP_002102.4|	529	543	5310	18.44	9.61	5.82	7.57	69.07	19.3	46.27	18.44
37	gi|90903231|ref|NP_002102.4|	530	544	5311	18.44	9.61	7.23	15.21	75.22	24.12	47.05	18.44
37	gi|90903231|ref|NP_002102.4|	613	627	5312	12.03	10.92	12.03	28.97	14.52	9.65	47.81	6.34
37	gi|90903231|ref|NP_002102.4|	614	628	5313	11.93	10.92	11.93	28.86	13.39	4.75	47.81	6.18
37	gi|90903231|ref|NP_002102.4|	615	629	5314	12.2	10.92	12.5	34.5	12.2	3.14	14.18	6.18
37	gi|90903231|ref|NP_002102.4|	616	630	5315	10.92	10.92	12.6	38.44	11.77	3.01	3.77	6.18
37	gi|90903231|ref|NP_002102.4|	617	631	5316	10.92	10.92	15.94	21.83	18.17	4.15	2.76	6.18
37	gi|90903231|ref|NP_002102.4|	618	632	5317	9.28	11.15	9.28	12.18	21.48	4.75	0.71	4.69
37	gi|90903231|ref|NP_002102.4|	619	633	5318	10.23	11.3	10.23	12.18	22.39	7.57	0.71	4.69
37	gi|90903231|ref|NP_002102.4|	620	634	5319	8.53	13.57	19.37	8.53	22.39	6.66	0.77	4.69
37	gi|90903231|ref|NP_002102.4|	621	635	5320	8.46	13.57	21.79	8.46	22.39	4.81	0.78	4.69
37	gi|90903231|ref|NP_002102.4|	622	636	5321	8.73	13.57	24.72	8.73	43.86	4.97	0.9	4.69
37	gi|90903231|ref|NP_002102.4|	623	637	5322	12.93	13.57	26.51	12.93	35.56	6.82	1.92	4.69

Table 2

37	gi|90903231|ref|NP_002102.4|	624	638	5323	13.66	13.66	24.24	13.77	35.56	12.65	5.92	5.24
37	gi|90903231|ref|NP_002102.4|	625	639	5324	13.25	13.57	24.24	13.25	35.56	11.74	10.85	6.18
37	gi|90903231|ref|NP_002102.4|	626	640	5325	10.92	10.92	24.24	12.74	35.56	7.81	9.28	5.05
37	gi|90903231|ref|NP_002102.4|	627	641	5326	11.31	10.92	24.24	15.76	35.56	8.48	11.31	5.05
37	gi|90903231|ref|NP_002102.4|	628	642	5327	14.01	10.92	25.95	20.25	35.56	8.45	14.01	5.44
37	gi|90903231|ref|NP_002102.4|	629	643	5328	14.01	10.92	26.54	23.95	35.56	11.65	14.01	5.49
37	gi|90903231|ref|NP_002102.4|	680	694	5329	7.03	1.99	8.04	5.8	38.91	20.11	4.19	7.03
37	gi|90903231|ref|NP_002102.4|	681	695	5330	2.32	2	2.32	1.23	27.06	11.67	2.59	1.25
37	gi|90903231|ref|NP_002102.4|	682	696	5331	2.4	2.56	1.2	0.99	24.51	6.92	2.4	1.14
37	gi|90903231|ref|NP_002102.4|	683	697	5332	1.65	1.65	1.2	0.97	23.99	6.82	2.42	1.12
37	gi|90903231|ref|NP_002102.4|	684	698	5333	2.31	2.31	1.2	1.02	25.13	9.06	2.6	1.17
37	gi|90903231|ref|NP_002102.4|	685	699	5334	2.44	2.44	1.2	1.37	30.69	12.78	5.75	1.37
37	gi|90903231|ref|NP_002102.4|	686	700	5335	3.45	2.56	1.2	3.45	36.57	23.94	7.74	3.44
37	gi|90903231|ref|NP_002102.4|	687	701	5336	5.7	2.9	2.11	5.7	42.29	49.58	10.76	3.81
37	gi|90903231|ref|NP_002102.4|	688	702	5337	11.59	11.59	1.2	8.22	17.09	36.72	32.09	3.98
37	gi|90903231|ref|NP_002102.4|	689	703	5338	9.43	3.93	3.06	9.43	15.67	22.54	68.25	3.7
37	gi|90903231|ref|NP_002102.4|	690	704	5339	8.01	3.93	2.09	8.01	14.33	13.82	75.37	3.52
37	gi|90903231|ref|NP_002102.4|	691	705	5340	8.01	3.93	2.89	8.01	15.17	14.09	75.63	4.83
37	gi|90903231|ref|NP_002102.4|	692	706	5341	8.01	3.93	3.73	8.01	25	16.72	76	4.91
37	gi|90903231|ref|NP_002102.4|	693	707	5342	13.18	3.93	4.79	10.81	37.03	21.22	75.76	13.18
37	gi|90903231|ref|NP_002102.4|	694	708	5343	13.43	10.3	6.41	11.98	38.4	38.19	31.3	13.43
37	gi|90903231|ref|NP_002102.4|	704	718	5344	15.27	0.36	3.03	16.38	52.96	10.19	18.99	15.27
37	gi|90903231|ref|NP_002102.4|	705	719	5345	14.87	0.36	3.16	14.87	52.96	7.37	15.61	15.27
37	gi|90903231|ref|NP_002102.4|	706	720	5346	15.1	0.36	3.16	15.23	52.96	7.44	15.1	15.27
37	gi|90903231|ref|NP_002102.4|	707	721	5347	7.59	0.36	3.16	8.1	52.96	6.08	7.59	15.27
37	gi|90903231|ref|NP_002102.4|	708	722	5348	8.85	0.97	3.16	8.85	52.96	10.58	7.66	15.27
37	gi|90903231|ref|NP_002102.4|	709	723	5349	11.91	0.96	3.16	11.91	52.96	20.99	7.03	15.27
37	gi|90903231|ref|NP_002102.4|	710	724	5350	11.96	9.57	3.16	11.96	52.96	31.36	8.31	17.8
37	gi|90903231|ref|NP_002102.4|	712	726	5351	18.9	9.5	21.28	18.9	24.42	46.52	13.47	18.86
37	gi|90903231|ref|NP_002102.4|	727	741	5352	19.41	19.41	8.64	17.04	49.63	25.64	49.63	6.6
37	gi|90903231|ref|NP_002102.4|	728	742	5353	19.41	19.41	11.39	16.81	39.4	24.69	42.38	14.67
37	gi|90903231|ref|NP_002102.4|	729	743	5354	19.41	19.41	13.22	16.05	39.4	22.44	37.07	14.67
37	gi|90903231|ref|NP_002102.4|	730	744	5355	19.41	19.41	15.71	17.35	39.4	22.25	19.41	14.67
37	gi|90903231|ref|NP_002102.4|	731	745	5356	18.65	19.41	18.65	17.93	39.4	26.75	15.23	14.67
37	gi|90903231|ref|NP_002102.4|	733	747	5357	15.25	5.84	26.91	26.78	15.25	59.75	10.99	14.67
37	gi|90903231|ref|NP_002102.4|	746	760	5358	18.91	0.75	31.18	18.91	0.01	19.77	56.65	10.64
37	gi|90903231|ref|NP_002102.4|	747	761	5359	16.04	0.75	35.36	21.08	0.01	16.04	44.9	10.62
37	gi|90903231|ref|NP_002102.4|	748	762	5360	16.15	0.81	43.84	21.51	0.01	16.15	38.14	10.99
37	gi|90903231|ref|NP_002102.4|	749	763	5361	17.61	0.83	47.76	22.18	0.01	17.61	37.96	10.98
37	gi|90903231|ref|NP_002102.4|	764	778	5362	19.5	12.63	5.67	19.5	40.67	39.36	33.97	12.55
37	gi|90903231|ref|NP_002102.4|	771	785	5363	19.29	5.3	19.29	16.29	55.11	53.5	49.37	17.8
37	gi|90903231|ref|NP_002102.4|	772	786	5364	9.71	2.56	9.71	5.61	60.96	12.55	27.83	0.78
37	gi|90903231|ref|NP_002102.4|	773	787	5365	5.51	2.48	9.71	5.51	48.23	4.76	21.72	0.78
37	gi|90903231|ref|NP_002102.4|	774	788	5366	3.93	2.41	8.86	3.93	48.23	3.47	17.15	0.78
37	gi|90903231|ref|NP_002102.4|	775	789	5367	2.42	2.41	6.4	2.11	36	2.42	5.59	0.78
37	gi|90903231|ref|NP_002102.4|	776	790	5368	2.96	2.41	6.4	2.55	36	2.96	7.16	0.78
37	gi|90903231|ref|NP_002102.4|	777	791	5369	5.02	3.22	6.4	2.92	36	5.02	10.16	0.78
37	gi|90903231|ref|NP_002102.4|	778	792	5370	6.71	6.71	6.4	6.2	36	12.76	16.77	0.78

Table 2

37	gi|90903231|ref|NP_002102.4|	790	804	5371	16.51	4.77	16.65	9.26	33.76	24.92	16.51	4.75
37	gi|90903231|ref|NP_002102.4|	791	805	5372	14.51	13.3	18.53	9.56	32.57	14.51	16.51	4.98
37	gi|90903231|ref|NP_002102.4|	792	806	5373	12.75	12.75	17.56	9.08	28.61	8.94	16.51	4.63
37	gi|90903231|ref|NP_002102.4|	793	807	5374	16.09	16.09	18.53	8.93	27.55	8	16.51	4.63
37	gi|90903231|ref|NP_002102.4|	794	808	5375	16.51	17.48	18.53	9.58	37.31	10.28	16.51	4.74
37	gi|90903231|ref|NP_002102.4|	795	809	5376	18.53	22	18.53	24.04	37.31	16.24	16.51	13.79
37	gi|90903231|ref|NP_002102.4|	800	814	5377	16.26	7.25	21.4	40.07	4.06	16.26	42.78	2.81
37	gi|90903231|ref|NP_002102.4|	801	815	5378	11.42	5.13	25.49	42.85	3.97	11.42	38.6	2.57
37	gi|90903231|ref|NP_002102.4|	802	816	5379	11.33	4.78	27.88	43.56	3.79	11.33	42.73	2.57
37	gi|90903231|ref|NP_002102.4|	803	817	5380	12.53	6.6	36.64	32.84	5.46	12.53	22.81	3.15
37	gi|90903231|ref|NP_002102.4|	804	818	5381	7.89	7.69	42.3	26.04	7.89	18.23	7.12	2.03
37	gi|90903231|ref|NP_002102.4|	805	819	5382	11.8	9.61	54.72	27.76	11.8	30.09	5.46	5.42
37	gi|90903231|ref|NP_002102.4|	833	847	5383	12.72	8.21	12.72	9.1	56.21	20.9	51.94	7.29
37	gi|90903231|ref|NP_002102.4|	834	848	5384	17.28	8.21	17.28	9.1	58.86	25.99	52.94	7.62
37	gi|90903231|ref|NP_002102.4|	835	849	5385	16.5	8.21	16.5	12.39	68.19	28.29	56.29	15.05
37	gi|90903231|ref|NP_002102.4|	843	857	5386	13.92	4.72	32.11	13.63	44.98	63.83	0.5	13.92
37	gi|90903231|ref|NP_002102.4|	844	858	5387	13.69	4.44	34.08	11.94	48.28	69.68	0.52	13.69
37	gi|90903231|ref|NP_002102.4|	845	859	5388	9.45	0.1	43.28	9.79	9.45	34.78	3.15	5.79
37	gi|90903231|ref|NP_002102.4|	846	860	5389	8.35	0.1	20.21	8.35	9.23	21.54	3.98	5.79
37	gi|90903231|ref|NP_002102.4|	847	861	5390	7.94	0.1	21.45	7.94	9.25	15.75	5.1	5.79
37	gi|90903231|ref|NP_002102.4|	848	862	5391	9.43	0.1	23.41	11.26	9.43	14.14	6.7	5.79
37	gi|90903231|ref|NP_002102.4|	849	863	5392	10.29	0.1	22.1	7.76	13.27	10.29	12.74	5.79
37	gi|90903231|ref|NP_002102.4|	850	864	5393	9.36	0.1	22.11	7.42	17.05	9.36	32.5	5.79
37	gi|90903231|ref|NP_002102.4|	851	865	5394	8.44	0.1	22.11	5.53	21.02	8.44	35.7	6.6
37	gi|90903231|ref|NP_002102.4|	852	866	5395	8.75	8.34	8.75	3.58	11.85	7.72	34.57	11.11
37	gi|90903231|ref|NP_002102.4|	853	867	5396	10.65	8.34	11.88	3.51	10.65	7.62	46.82	11.11
37	gi|90903231|ref|NP_002102.4|	854	868	5397	10.12	8.34	11.88	4.46	10.12	9.39	50.2	11.11
37	gi|90903231|ref|NP_002102.4|	855	869	5398	11.11	8.34	11.88	6.8	9.61	13.52	54.77	11.11
37	gi|90903231|ref|NP_002102.4|	856	870	5399	11.88	8.34	11.88	9.41	12.04	20.98	49.73	11.11
37	gi|90903231|ref|NP_002102.4|	857	871	5400	10.66	8.34	0.83	10.66	12.2	11.2	31.52	5.42
37	gi|90903231|ref|NP_002102.4|	858	872	5401	11.82	8.34	1.34	12.17	13.87	11.82	26.66	5.42
37	gi|90903231|ref|NP_002102.4|	859	873	5402	11.16	8.84	1.37	13.37	21.25	11.16	24.92	5.42
37	gi|90903231|ref|NP_002102.4|	860	874	5403	9.64	8.84	1.37	12.37	19.29	9.64	15.37	5.42
37	gi|90903231|ref|NP_002102.4|	861	875	5404	10.33	8.84	1.37	12.45	24.98	10.33	10.87	5.42
37	gi|90903231|ref|NP_002102.4|	862	876	5405	12.27	8.84	1.37	25.24	28.73	15.19	8.34	12.27
37	gi|90903231|ref|NP_002102.4|	863	877	5406	13.26	8.84	1.37	25.88	27.79	29.8	10.27	13.26
37	gi|90903231|ref|NP_002102.4|	873	887	5407	17.93	7.31	34.66	12.22	39.17	33.09	11.44	17.93
37	gi|90903231|ref|NP_002102.4|	874	888	5408	17.16	13.04	34.66	9.79	42.1	32.07	12.5	17.16
37	gi|90903231|ref|NP_002102.4|	875	889	5409	15.67	12.73	34.66	1.7	43.04	28.78	15.67	5.02
37	gi|90903231|ref|NP_002102.4|	876	890	5410	15.77	14.31	34.66	1.46	43.04	28.16	15.77	3.78
37	gi|90903231|ref|NP_002102.4|	877	891	5411	17.76	13.04	34.66	1.26	43.04	26.71	17.76	3.79
37	gi|90903231|ref|NP_002102.4|	878	892	5412	9.12	9.16	0.19	1.26	43.04	9.12	21.89	1.4
37	gi|90903231|ref|NP_002102.4|	879	893	5413	5.1	12.69	0.21	1.72	73.37	5.1	27.04	1.4
37	gi|90903231|ref|NP_002102.4|	880	894	5414	11.11	17.12	0.27	2.13	73.37	3.82	49.35	11.11
37	gi|90903231|ref|NP_002102.4|	881	895	5415	11.11	21.03	0.59	4.84	73.37	4.69	59.58	11.11
37	gi|90903231|ref|NP_002102.4|	896	910	5416	17.6	17.9	17.6	14.08	72.95	25.14	7.3	7.03
37	gi|90903231|ref|NP_002102.4|	897	911	5417	11.51	3.74	22.86	11.51	73.98	23.49	6.09	7.03
37	gi|90903231|ref|NP_002102.4|	898	912	5418	11.51	3.67	31.82	11.51	73.93	23.37	5.31	7.03

Table 2

37	gi|90903231|ref|NP_002102.4|	899	913	5419	10.98	3.67	33.26	10.98	71.99	22.16	4.26	7.03
37	gi|90903231|ref|NP_002102.4|	900	914	5420	10.98	3.67	36.96	10.98	68.2	21.01	3.25	7.03
37	gi|90903231|ref|NP_002102.4|	901	915	5421	10.98	3.67	19.42	10.98	51.27	23.29	7.14	9.89
37	gi|90903231|ref|NP_002102.4|	902	916	5422	15.04	8.25	24.33	10.98	44.17	25.14	7.3	15.04
37	gi|90903231|ref|NP_002102.4|	904	918	5423	14.93	2.19	14.93	5.82	11.07	16.83	22.05	19.14
37	gi|90903231|ref|NP_002102.4|	905	919	5424	16.85	2.19	22.7	10.43	11.5	16.85	21.09	20.66
37	gi|90903231|ref|NP_002102.4|	906	920	5425	18.01	2.19	24.69	12.91	10.91	20.39	18.01	27.06
37	gi|90903231|ref|NP_002102.4|	919	933	5426	12.28	12.28	0.21	9.36	28.43	31	13.62	1.73
37	gi|90903231|ref|NP_002102.4|	920	934	5427	10.43	24	0.19	8.78	24.8	10.43	13.62	1.59
37	gi|90903231|ref|NP_002102.4|	921	935	5428	7.24	7.24	0.19	8.41	24.23	4.5	13.62	0.86
37	gi|90903231|ref|NP_002102.4|	922	936	5429	5.52	5.52	0.17	7.39	21.88	1.89	13.62	0.78
37	gi|90903231|ref|NP_002102.4|	923	937	5430	5.17	5.17	0.17	7.47	25.99	1.25	13.62	0.78
37	gi|90903231|ref|NP_002102.4|	924	938	5431	5.45	5.45	0.48	14.07	28.43	2.11	13.62	1.03
37	gi|90903231|ref|NP_002102.4|	925	939	5432	7.09	5.52	0.67	16.19	37.35	7.09	14.5	1.08
37	gi|90903231|ref|NP_002102.4|	926	940	5433	14.91	16.48	12.17	13.57	39.4	14.91	18.99	10.53
37	gi|90903231|ref|NP_002102.4|	927	941	5434	13.92	5.24	24.89	6.54	43.07	14.8	13.92	0.86
37	gi|90903231|ref|NP_002102.4|	928	942	5435	5.57	0.22	15.03	1.66	31.03	5.57	11.81	0.86
37	gi|90903231|ref|NP_002102.4|	929	943	5436	2.65	0.22	18.85	1.61	31.48	2.65	9.57	0.86
37	gi|90903231|ref|NP_002102.4|	930	944	5437	2.69	0.22	21.68	1.66	30.86	2.69	7.98	0.86
37	gi|90903231|ref|NP_002102.4|	931	945	5438	3.61	0.22	27.02	1.79	30.32	3.61	7.29	0.86
37	gi|90903231|ref|NP_002102.4|	932	946	5439	5.98	0.29	30.51	4.91	35.01	5.98	15.25	0.86
37	gi|90903231|ref|NP_002102.4|	933	947	5440	17.57	1.37	35.46	7.45	39.38	17.57	25.97	0.99
37	gi|90903231|ref|NP_002102.4|	951	965	5441	19.22	1.42	52.58	12.78	8.09	23.09	20.78	19.22
37	gi|90903231|ref|NP_002102.4|	952	966	5442	16.64	1.42	40.11	11.85	7.64	16.64	21.4	17.95
37	gi|90903231|ref|NP_002102.4|	953	967	5443	19.25	2.19	34.95	19.25	11.21	16.72	37.97	20.38
37	gi|90903231|ref|NP_002102.4|	958	972	5444	16.38	16.38	41.4	15.51	71.06	46.51	3.33	10.81
37	gi|90903231|ref|NP_002102.4|	960	974	5445	12.89	5.5	55.77	19.53	12.6	38.1	1.93	12.89
37	gi|90903231|ref|NP_002102.4|	961	975	5446	12.6	4.1	56.09	20.69	12.6	27.88	1.75	12.02
37	gi|90903231|ref|NP_002102.4|	962	976	5447	14.59	4.01	40.4	26.65	12.6	23.59	1.99	14.59
37	gi|90903231|ref|NP_002102.4|	963	977	5448	18.64	3.88	39.47	32.59	12.6	20.39	4.3	18.64
37	gi|90903231|ref|NP_002102.4|	964	978	5449	19.77	3.88	43.24	36.09	12.6	22.14	4.4	19.77
37	gi|90903231|ref|NP_002102.4|	971	985	5450	12.86	12.86	0.21	32.49	9.75	9.68	45.55	14.67
37	gi|90903231|ref|NP_002102.4|	972	986	5451	12.86	12.86	0.21	28.22	10	4.12	30.41	14.67
37	gi|90903231|ref|NP_002102.4|	973	987	5452	6.18	6.18	0.21	23.73	11.2	2.46	30.41	5.49
37	gi|90903231|ref|NP_002102.4|	974	988	5453	6.18	6.18	0.52	26.21	13.35	2.62	30.41	5.77
37	gi|90903231|ref|NP_002102.4|	975	989	5454	6.18	6.18	0.74	27.26	18.3	3.52	30.41	5.68
37	gi|90903231|ref|NP_002102.4|	976	990	5455	7.44	6.18	1.2	10.08	18.3	7.44	30.41	7.34
37	gi|90903231|ref|NP_002102.4|	977	991	5456	7.26	6.18	1.98	5.35	18.3	25.38	30.41	7.26
37	gi|90903231|ref|NP_002102.4|	980	994	5457	19.13	19.13	22.95	0.81	55.07	16.4	44.44	9.93
37	gi|90903231|ref|NP_002102.4|	985	999	5458	12.07	7.21	21.7	11.64	40.61	12.07	49.96	3.73
37	gi|90903231|ref|NP_002102.4|	986	1000	5459	15.13	7.21	19.77	12.27	44.93	15.13	36.94	3.73
37	gi|90903231|ref|NP_002102.4|	994	1008	5460	13.45	3.1	49	17.72	6.81	13.45	49.96	8.92
37	gi|90903231|ref|NP_002102.4|	995	1009	5461	9.66	2.17	53.67	17.79	6.81	9.66	49.42	8.92
37	gi|90903231|ref|NP_002102.4|	996	1010	5462	10.37	3.29	55.24	21.37	6.81	10.37	62.81	8.92
37	gi|90903231|ref|NP_002102.4|	997	1011	5463	12.07	5.15	26.46	21.59	6.81	12.07	62.1	9.97
37	gi|90903231|ref|NP_002102.4|	998	1012	5464	11.03	8.17	11.03	9.24	12.21	16.5	49.66	7.03
37	gi|90903231|ref|NP_002102.4|	999	1013	5465	12.27	14.53	11.03	12.27	12.21	27.09	42.54	7.03
37	gi|90903231|ref|NP_002102.4|	1000	1014	5466	12.27	14.34	11.03	12.27	12.21	35.64	30.78	7.03

Table 2

37	gi|90903231|ref|NP_002102.4|	1001	1015	5467	9.61	9.61	3.86	9.14	12.21	27.14	30.59	3.73
37	gi|90903231|ref|NP_002102.4|	1002	1016	5468	7.49	9.61	1.29	7.49	12.21	17.76	7.03	3.73
37	gi|90903231|ref|NP_002102.4|	1003	1017	5469	9.61	9.61	2.16	12.82	12.21	15.92	5.37	4.96
37	gi|90903231|ref|NP_002102.4|	1004	1018	5470	9.61	9.61	3.84	13.49	34.76	16.15	4	5.05
37	gi|90903231|ref|NP_002102.4|	1005	1019	5471	12.96	12.96	6.45	16.88	32.72	20.44	3.29	7.02
37	gi|90903231|ref|NP_002102.4|	1006	1020	5472	17.1	17.1	9.46	21.51	40.11	26.82	3.08	15.95
37	gi|90903231|ref|NP_002102.4|	1007	1021	5473	18.62	18.62	9.46	28.94	45.47	39.56	4.07	4.51
37	gi|90903231|ref|NP_002102.4|	1008	1022	5474	18.62	18.62	9.46	29.28	49.58	45.06	5.07	18.44
37	gi|90903231|ref|NP_002102.4|	1009	1023	5475	11.77	8.89	3.75	25.55	37.23	11.77	50.72	6.18
37	gi|90903231|ref|NP_002102.4|	1010	1024	5476	8.44	8.44	2.19	25.48	38.35	4.29	10.36	6.18
37	gi|90903231|ref|NP_002102.4|	1011	1025	5477	6.18	3.85	2.19	25.14	36.47	2.2	10.78	6.18
37	gi|90903231|ref|NP_002102.4|	1012	1026	5478	6.18	3.43	2.19	27.61	40.44	2.48	12.78	6.18
37	gi|90903231|ref|NP_002102.4|	1013	1027	5479	6.18	3.16	2.19	28.83	40.44	3.52	14.81	6.18
37	gi|90903231|ref|NP_002102.4|	1014	1028	5480	13.97	6.71	2.19	43.06	40.44	7.12	20.96	13.97
37	gi|90903231|ref|NP_002102.4|	1026	1040	5481	18.6	9.61	7.06	18.6	2.49	68.12	28.26	19.74
37	gi|90903231|ref|NP_002102.4|	1027	1041	5482	14.94	9.61	8.55	14.94	2.5	62.87	28.26	19.74
37	gi|90903231|ref|NP_002102.4|	1028	1042	5483	13.93	9.61	6.49	13.93	1.99	46.2	28.26	15.26
37	gi|90903231|ref|NP_002102.4|	1029	1043	5484	14.62	8.74	8.22	14.62	1.96	37.93	28.26	15.26
37	gi|90903231|ref|NP_002102.4|	1030	1044	5485	15.26	9.61	9.98	16.21	1.99	36.49	28.26	15.26
37	gi|90903231|ref|NP_002102.4|	1031	1045	5486	15.26	9.61	8.6	25.81	5.07	38.67	28.26	15.26
37	gi|90903231|ref|NP_002102.4|	1032	1046	5487	15.26	13.04	11.41	30.71	5.06	49.39	28.26	15.26
37	gi|90903231|ref|NP_002102.4|	1062	1076	5488	15.19	14.24	10.59	15.19	23.05	68.76	10.86	20.38
37	gi|90903231|ref|NP_002102.4|	1063	1077	5489	16.05	14.24	16.05	12.87	23.05	73.66	10.86	18.12
37	gi|90903231|ref|NP_002102.4|	1064	1078	5490	19.62	14.24	20.75	16.18	23.05	78.31	10.86	19.62
37	gi|90903231|ref|NP_002102.4|	1066	1080	5491	18.53	10.76	18.53	2.61	47.51	72.12	40.61	6.6
37	gi|90903231|ref|NP_002102.4|	1067	1081	5492	9.71	9.3	9.71	2.24	43.12	59.93	40.61	6.6
37	gi|90903231|ref|NP_002102.4|	1068	1082	5493	9.71	8.99	9.71	1.78	42.17	52.36	37.65	6.6
37	gi|90903231|ref|NP_002102.4|	1069	1083	5494	7.76	7.76	6.51	1.06	31.23	40.85	32.38	7.03
37	gi|90903231|ref|NP_002102.4|	1070	1084	5495	9.2	7.76	9.2	1.24	29.4	39.76	33.92	7.03
37	gi|90903231|ref|NP_002102.4|	1071	1085	5496	9.51	7.76	9.51	1.83	30.19	40.28	28.73	7.03
37	gi|90903231|ref|NP_002102.4|	1072	1086	5497	9.71	8.1	9.71	3.63	34.22	47.78	24.4	7.03
37	gi|90903231|ref|NP_002102.4|	1073	1087	5498	9.83	9.83	9.71	8.26	42.31	56	30.51	7.03
37	gi|90903231|ref|NP_002102.4|	1079	1093	5499	15.93	10.09	15.93	22.51	7.63	27.98	32.33	5.79
37	gi|90903231|ref|NP_002102.4|	1080	1094	5500	12.5	9.13	12.5	28.74	12.26	30.74	29.18	8.66
37	gi|90903231|ref|NP_002102.4|	1086	1100	5501	11.11	8.34	11.03	1.73	43.88	49.79	17.79	11.11
37	gi|90903231|ref|NP_002102.4|	1087	1101	5502	11.11	7.21	11.03	1.69	43.88	37.54	17.79	11.11
37	gi|90903231|ref|NP_002102.4|	1088	1102	5503	11.11	7.21	11.03	1.69	43.88	29.7	17.79	11.11
37	gi|90903231|ref|NP_002102.4|	1089	1103	5504	11.11	7.21	11.03	1.71	43.88	26.41	17.79	11.11
37	gi|90903231|ref|NP_002102.4|	1090	1104	5505	11.11	7.21	11.03	4.16	43.88	30.8	17.79	11.11
37	gi|90903231|ref|NP_002102.4|	1091	1105	5506	11.11	7.21	11.11	6.5	43.88	27.97	17.79	11.11
37	gi|90903231|ref|NP_002102.4|	1092	1106	5507	18.97	3.31	31.37	13.79	65.86	18.97	41.89	11.11
37	gi|90903231|ref|NP_002102.4|	1093	1107	5508	7.4	3.31	6.12	14.23	64.8	5.31	33.31	7.4
37	gi|90903231|ref|NP_002102.4|	1094	1108	5509	6.8	3.31	6.8	14.06	64.76	2.11	25.34	4.17
37	gi|90903231|ref|NP_002102.4|	1095	1109	5510	8.12	3.31	8.12	14.14	65.49	1.88	20.29	4.69
37	gi|90903231|ref|NP_002102.4|	1096	1110	5511	10.11	3.31	10.11	15.26	67.52	2.37	18.94	6.34
37	gi|90903231|ref|NP_002102.4|	1097	1111	5512	11.03	3.31	11.03	24.39	75.22	4.75	36.88	8.42
37	gi|90903231|ref|NP_002102.4|	1098	1112	5513	18.49	3.66	11.03	22.58	75.22	18.49	49.01	8.42
37	gi|90903231|ref|NP_002102.4|	1131	1145	5514	19.3	7.21	70.42	19.3	30.07	60.53	8.2	15

Table 2

37	gi|90903231|ref|NP_002102.4|	1132	1146	5515	19.77	7.21	73.57	19.77	30.07	60.15	5.8	15.01
37	gi|90903231|ref|NP_002102.4|	1133	1147	5516	15.69	7.21	73.57	15.69	30.07	51.36	3.97	13.21
37	gi|90903231|ref|NP_002102.4|	1134	1148	5517	7.14	7.21	6.12	7.14	30.07	29.89	1.64	6.79
37	gi|90903231|ref|NP_002102.4|	1135	1149	5518	8.69	8.73	8.69	8.28	30.07	20.9	1.86	6.78
37	gi|90903231|ref|NP_002102.4|	1136	1150	5519	7.65	8.72	6.34	7.65	30.07	14.89	1.97	6.57
37	gi|90903231|ref|NP_002102.4|	1137	1151	5520	6.35	13.45	6.35	6.31	54.26	12.89	3.28	6.15
37	gi|90903231|ref|NP_002102.4|	1138	1152	5521	8.3	14.24	8.12	6.36	54.21	14.64	8.3	5.05
37	gi|90903231|ref|NP_002102.4|	1139	1153	5522	8.99	15.48	8.31	8.99	35.05	16.85	6.83	5.05
37	gi|90903231|ref|NP_002102.4|	1140	1154	5523	10.74	15.67	10.74	9.9	35.05	26.07	3.72	5.05
37	gi|90903231|ref|NP_002102.4|	1141	1155	5524	14.24	14.24	16.97	5.44	35.05	27.94	3.11	7.95
37	gi|90903231|ref|NP_002102.4|	1142	1156	5525	18.93	22.62	18.93	6.31	35.05	22.44	2.83	5.79
37	gi|90903231|ref|NP_002102.4|	1143	1157	5526	18.26	20.48	20.48	6.04	35.05	18.26	2.8	8.88
37	gi|90903231|ref|NP_002102.4|	1144	1158	5527	13.06	13.06	16	4.06	35.05	14.92	4.26	5.16
37	gi|90903231|ref|NP_002102.4|	1145	1159	5528	12.08	12.08	21.54	4.06	30.99	17.08	4.2	6.84
37	gi|90903231|ref|NP_002102.4|	1146	1160	5529	13.85	13.85	27.47	7.69	27.94	21.24	8.21	7.65
37	gi|90903231|ref|NP_002102.4|	1147	1161	5530	9.77	9.77	31.63	7.49	28.1	27.87	9.68	7.78
37	gi|90903231|ref|NP_002102.4|	1148	1162	5531	11.15	10.64	40.88	11.15	35.54	41.32	9.67	8.29
37	gi|90903231|ref|NP_002102.4|	1161	1175	5532	14.34	11.59	31.97	15.76	57.19	9.82	13.63	14.34
37	gi|90903231|ref|NP_002102.4|	1162	1176	5533	14.34	12.14	24.3	14.99	53.78	3.31	13.63	14.34
37	gi|90903231|ref|NP_002102.4|	1163	1177	5534	14.34	11.39	26.5	15.43	51.27	3.31	13.63	14.34
37	gi|90903231|ref|NP_002102.4|	1164	1178	5535	14.34	10.25	29.32	15.86	49.58	3.88	13.63	14.34
37	gi|90903231|ref|NP_002102.4|	1165	1179	5536	14.26	12.14	31.34	14.26	34.65	4.92	13.63	14.34
37	gi|90903231|ref|NP_002102.4|	1166	1180	5537	14.34	12.14	24.69	21.69	34.65	8.66	13.63	14.34
37	gi|90903231|ref|NP_002102.4|	1226	1240	5538	7.41	19.18	7.41	1.57	28.36	4.32	42.27	0.15
37	gi|90903231|ref|NP_002102.4|	1227	1241	5539	5.63	17.32	5.63	1.43	25.38	0.82	36	0.13
37	gi|90903231|ref|NP_002102.4|	1228	1242	5540	6.87	19.82	6.87	1.42	26.04	0.55	37.29	0.11
37	gi|90903231|ref|NP_002102.4|	1229	1243	5541	9.01	18.67	9.01	1.31	25.32	0.7	36.43	0.11
37	gi|90903231|ref|NP_002102.4|	1230	1244	5542	9.71	25.96	9.71	2.01	31.97	1.04	49.4	0.15
37	gi|90903231|ref|NP_002102.4|	1231	1245	5543	9.71	26.91	9.71	2.61	42.78	1.81	31.67	0.15
37	gi|90903231|ref|NP_002102.4|	1232	1246	5544	9.71	22.33	9.71	7.01	42.31	4.84	29.29	0.15
37	gi|90903231|ref|NP_002102.4|	1233	1247	5545	14.88	2.87	24.77	14.88	42.31	6.34	22.89	2.49
37	gi|90903231|ref|NP_002102.4|	1234	1248	5546	14.24	2.79	33.58	17.43	14.24	4.23	22.46	1.74
37	gi|90903231|ref|NP_002102.4|	1235	1249	5547	12.87	2.78	37.21	22.19	13.49	3.61	12.87	1.25
37	gi|90903231|ref|NP_002102.4|	1236	1250	5548	12.35	2.77	37.91	18.19	12.86	3.93	12.35	1.71
37	gi|90903231|ref|NP_002102.4|	1237	1251	5549	12.74	2.71	41.9	19.88	12.74	5.31	14.5	3.28
37	gi|90903231|ref|NP_002102.4|	1238	1252	5550	15.21	2.31	25.13	19.23	15.21	9.62	16.34	3.54
37	gi|90903231|ref|NP_002102.4|	1239	1253	5551	11.28	2.23	5.11	11.28	15.21	12.55	14.97	0.95
37	gi|90903231|ref|NP_002102.4|	1240	1254	5552	11.59	11.59	3.46	14.59	15.21	6.09	18.54	0.95
37	gi|90903231|ref|NP_002102.4|	1241	1255	5553	8.61	8.61	3.9	15.04	32.67	4.55	19.54	0.95
37	gi|90903231|ref|NP_002102.4|	1242	1256	5554	11.47	11.47	2.73	12.04	32.67	4.03	22.13	0.93
37	gi|90903231|ref|NP_002102.4|	1243	1257	5555	11.59	11.59	3.63	18.43	32.67	5.6	22.13	0.95
37	gi|90903231|ref|NP_002102.4|	1244	1258	5556	11.59	11.59	4.71	21.07	32.67	8.47	27.53	0.95
37	gi|90903231|ref|NP_002102.4|	1248	1262	5557	18.67	4.75	28.43	43.28	10.03	37.18	18.67	10.53
37	gi|90903231|ref|NP_002102.4|	1249	1263	5558	16.14	4.75	32.84	46.97	8.54	34.51	16.14	10.53
37	gi|90903231|ref|NP_002102.4|	1250	1264	5559	13.54	4.17	38.54	33.76	7.9	33.15	13.54	10.53
37	gi|90903231|ref|NP_002102.4|	1251	1265	5560	14.95	1.77	41.3	32.97	6.61	31.7	14.95	10.53
37	gi|90903231|ref|NP_002102.4|	1252	1266	5561	15.51	2.72	44.56	33.27	11.04	38.29	15.51	10.53
37	gi|90903231|ref|NP_002102.4|	1262	1276	5562	14.56	13.66	14.56	11.68	35.36	18.75	29.41	13.69

Table 2

37	gi|90903231|ref|NP_002102.4|	1263	1277	5563	13.69	10.92	18.87	12.17	32.45	11.77	35.17	13.69
37	gi|90903231|ref|NP_002102.4|	1264	1278	5564	18.64	10.92	19.29	18.64	32.39	8.16	26.8	13.69
37	gi|90903231|ref|NP_002102.4|	1265	1279	5565	13.69	10.92	19.29	22.71	7.45	6.79	23.52	13.69
37	gi|90903231|ref|NP_002102.4|	1266	1280	5566	10.92	10.92	18.04	14.12	7.45	7.23	4.72	13.69
37	gi|90903231|ref|NP_002102.4|	1267	1281	5567	10.92	10.92	19.29	16.73	7.45	10.52	3.67	13.69
37	gi|90903231|ref|NP_002102.4|	1268	1282	5568	16.04	10.92	19.29	16.04	7.45	21.46	3.15	18.49
37	gi|90903231|ref|NP_002102.4|	1269	1283	5569	14.73	10.92	36.71	14.73	7.45	44.46	2.66	19.48
37	gi|90903231|ref|NP_002102.4|	1270	1284	5570	13.64	11.59	36.71	13.64	7.45	54.02	1.97	23.35
37	gi|90903231|ref|NP_002102.4|	1271	1285	5571	13.73	11.59	36.71	13.73	7.45	58.14	1.56	23.35
37	gi|90903231|ref|NP_002102.4|	1273	1287	5572	14.65	11.59	46.8	14.65	11.05	55.2	2.89	23.35
37	gi|90903231|ref|NP_002102.4|	1274	1288	5573	8.62	8.21	29.27	16.74	5.17	44.82	4.56	8.62
37	gi|90903231|ref|NP_002102.4|	1275	1289	5574	12.5	8.21	37.02	24.32	5.17	44.14	4.3	12.5
37	gi|90903231|ref|NP_002102.4|	1276	1290	5575	8.21	8.21	41.69	28.28	5.3	41.35	4.91	5.79
37	gi|90903231|ref|NP_002102.4|	1277	1291	5576	12.3	12.3	46.41	39.08	5.78	43.69	4.91	6.64
37	gi|90903231|ref|NP_002102.4|	1278	1292	5577	8.21	8.21	38.78	39.67	5.17	41.61	4.91	6.52
37	gi|90903231|ref|NP_002102.4|	1279	1293	5578	8.21	8.21	42.86	41.13	5.17	46.81	4.91	6.72
37	gi|90903231|ref|NP_002102.4|	1280	1294	5579	18.79	8.21	52.56	43.56	18.79	54.77	15.18	7.08
37	gi|90903231|ref|NP_002102.4|	1294	1308	5580	18.85	11.13	42.57	4.1	62.52	18.85	36.41	7.46
37	gi|90903231|ref|NP_002102.4|	1295	1309	5581	19.75	9.68	24.97	4.61	62.03	19.75	30.96	7.46
37	gi|90903231|ref|NP_002102.4|	1308	1322	5582	16.9	2.1	16.9	22.89	54.19	40.07	0.42	6.34
37	gi|90903231|ref|NP_002102.4|	1309	1323	5583	15.07	2.28	24.26	15.07	57.98	38.87	0.52	6.83
37	gi|90903231|ref|NP_002102.4|	1310	1324	5584	15.33	2.25	29.95	15.33	63.7	37.56	0.56	6.79
37	gi|90903231|ref|NP_002102.4|	1311	1325	5585	17.3	2.28	36.76	17.3	67.96	37.67	1.51	7.26
37	gi|90903231|ref|NP_002102.4|	1312	1326	5586	8.42	2.29	8.42	8.51	69.97	33.59	3.04	4.17
37	gi|90903231|ref|NP_002102.4|	1313	1327	5587	8.15	8.15	8.74	8.03	49.83	27.78	6.64	5.94
37	gi|90903231|ref|NP_002102.4|	1314	1328	5588	9.58	7.88	10.05	8.61	49.83	26.73	9.58	6.05
37	gi|90903231|ref|NP_002102.4|	1315	1329	5589	13.76	41.21	13.76	8.69	49.83	24.49	12.82	6.85
37	gi|90903231|ref|NP_002102.4|	1316	1330	5590	11.16	15.72	14.37	8.61	1.51	11.16	12.82	4.01
37	gi|90903231|ref|NP_002102.4|	1317	1331	5591	15.72	15.72	19.01	16.1	1.34	9.63	28.54	4.01
37	gi|90903231|ref|NP_002102.4|	1318	1332	5592	15.72	15.72	26.57	23.08	1.58	11.48	25.53	4.04
37	gi|90903231|ref|NP_002102.4|	1319	1333	5593	14.87	14.87	28.3	39.07	1.61	10.92	37.32	13.37
37	gi|90903231|ref|NP_002102.4|	1320	1334	5594	19.12	15.72	48.32	50.86	3.3	19.12	46.27	13.69
37	gi|90903231|ref|NP_002102.4|	1354	1368	5595	14.63	44.04	14.63	2.04	8.77	18.02	68.92	0.86
37	gi|90903231|ref|NP_002102.4|	1355	1369	5596	12.08	31.08	12.08	1.78	9.83	13.22	68.92	0.7
37	gi|90903231|ref|NP_002102.4|	1356	1370	5597	11.49	31.56	15.15	1.75	11.49	11.33	29.37	0.76
37	gi|90903231|ref|NP_002102.4|	1357	1371	5598	12.71	31.57	18.34	7.41	12.71	12.05	26.93	0.81
37	gi|90903231|ref|NP_002102.4|	1358	1372	5599	15.64	28.94	21.89	7.41	15.64	13.88	39.99	2.2
37	gi|90903231|ref|NP_002102.4|	1359	1373	5600	14.62	33.16	8.85	12.31	15.64	14.62	26.42	2.02
37	gi|90903231|ref|NP_002102.4|	1362	1376	5601	15.9	23.72	10.78	27.2	13.96	14.14	16.31	15.9
37	gi|90903231|ref|NP_002102.4|	1363	1377	5602	13.96	23.72	7.66	28.16	13.96	7.23	14.84	12.4
37	gi|90903231|ref|NP_002102.4|	1364	1378	5603	13.96	19	7.89	42.55	13.96	5.02	14.84	6.81
37	gi|90903231|ref|NP_002102.4|	1365	1379	5604	13.96	15.45	9.94	35.39	13.96	5.87	14.84	5.42
37	gi|90903231|ref|NP_002102.4|	1366	1380	5605	14.84	20.59	29.43	38.33	13.96	8.35	14.84	7.4
37	gi|90903231|ref|NP_002102.4|	1390	1404	5606	9.54	8.34	7.92	9.75	31.66	19.01	9.54	1.92
37	gi|90903231|ref|NP_002102.4|	1391	1405	5607	9.03	8.34	9.03	9.75	40.47	12.96	7.45	1.91
37	gi|90903231|ref|NP_002102.4|	1392	1406	5608	9.75	8.34	11.72	9.75	75.22	12.72	5.79	1.95
37	gi|90903231|ref|NP_002102.4|	1393	1407	5609	9.75	8.34	12.26	9.75	75.22	11.63	5.58	1.81
37	gi|90903231|ref|NP_002102.4|	1394	1408	5610	11.97	8.34	15.15	11.97	75.22	16.4	5.13	1.93

Table 2

37	gi|90903231|ref|NP_002102.4|	1395	1409	5611	16.88	8.34	17.35	16.88	75.22	20.02	4.23	5.51
37	gi|90903231|ref|NP_002102.4|	1401	1415	5612	17.8	8.84	17.78	24.21	57.22	16.6	24.1	17.8
37	gi|90903231|ref|NP_002102.4|	1402	1416	5613	17.8	8.84	17.78	32.53	12.89	19.9	22.66	17.8
37	gi|90903231|ref|NP_002102.4|	1403	1417	5614	17.8	8.84	17.78	32.45	12.99	24.4	22.66	17.8
37	gi|90903231|ref|NP_002102.4|	1404	1418	5615	17.8	10.22	17.78	34	11.41	28.24	22.66	17.8
37	gi|90903231|ref|NP_002102.4|	1405	1419	5616	17.8	10.22	17.78	34.82	11.6	36.26	22.66	17.8
37	gi|90903231|ref|NP_002102.4|	1414	1428	5617	17.08	5.69	15.14	23.3	10.94	22.72	44.45	17.08
37	gi|90903231|ref|NP_002102.4|	1416	1430	5618	18.73	5.69	22.17	18.73	9.35	21.31	16.43	27.27
37	gi|90903231|ref|NP_002102.4|	1417	1431	5619	10.8	5.69	24.59	2.5	10.8	17.14	10.55	27.55
37	gi|90903231|ref|NP_002102.4|	1418	1432	5620	3.74	1.59	9.99	0.58	10.72	13.04	3.74	1.41
37	gi|90903231|ref|NP_002102.4|	1419	1433	5621	3.7	1.59	14.34	0.42	10.72	10.98	3.7	1.29
37	gi|90903231|ref|NP_002102.4|	1420	1434	5622	3.79	1.59	15.67	0.41	10.72	9.34	3.79	1.27
37	gi|90903231|ref|NP_002102.4|	1421	1435	5623	3.18	1.59	15.67	0.44	10.72	7.79	3.18	1.1
37	gi|90903231|ref|NP_002102.4|	1422	1436	5624	3.1	1.59	15.67	0.64	10.72	8.18	3.1	1.1
37	gi|90903231|ref|NP_002102.4|	1423	1437	5625	5.16	5.16	15.67	1.15	10.72	10.28	4.87	2.23
37	gi|90903231|ref|NP_002102.4|	1424	1438	5626	6.57	4.44	15.67	2.5	10.72	17.04	6.57	2.14
37	gi|90903231|ref|NP_002102.4|	1425	1439	5627	15.26	5.69	43.3	8.01	29.58	20	15.26	3.73
37	gi|90903231|ref|NP_002102.4|	1426	1440	5628	5.69	5.69	36.56	2.92	26.32	16.9	2.78	3.73
37	gi|90903231|ref|NP_002102.4|	1427	1441	5629	5.69	5.69	40.58	2.43	23.76	14.63	2.78	3.73
37	gi|90903231|ref|NP_002102.4|	1428	1442	5630	5.69	5.69	46.69	2.08	32.17	14.28	2.63	3.73
37	gi|90903231|ref|NP_002102.4|	1429	1443	5631	5.69	5.69	24.57	1.93	41.7	15.3	2.78	3.73
37	gi|90903231|ref|NP_002102.4|	1430	1444	5632	4.08	5.69	1.1	2.36	41.05	17.11	2.94	4.08
37	gi|90903231|ref|NP_002102.4|	1431	1445	5633	8.16	7.76	1.17	8.16	56.77	23.78	6.24	11.66
37	gi|90903231|ref|NP_002102.4|	1432	1446	5634	12.22	23.47	0.89	10.26	37.89	21.61	11.14	12.22
37	gi|90903231|ref|NP_002102.4|	1444	1458	5635	18.55	9.61	32.83	18.55	10.99	27.91	0.22	18.75
37	gi|90903231|ref|NP_002102.4|	1445	1459	5636	15.26	15.09	41.65	18.55	11.41	29.04	0.25	15.26
37	gi|90903231|ref|NP_002102.4|	1446	1460	5637	15.26	15.09	40.39	16.16	10.87	30.39	0.51	15.26
37	gi|90903231|ref|NP_002102.4|	1447	1461	5638	14.98	4.01	47.01	15.37	16.85	14.98	0.57	7.03
37	gi|90903231|ref|NP_002102.4|	1448	1462	5639	7.03	4.01	8.03	4.63	20.54	9.49	0.23	7.03
37	gi|90903231|ref|NP_002102.4|	1449	1463	5640	7.03	4.01	10.31	5.56	20.54	9.35	0.31	7.03
37	gi|90903231|ref|NP_002102.4|	1450	1464	5641	7.03	4.01	11.97	5.52	42.7	7.44	0.31	7.03
37	gi|90903231|ref|NP_002102.4|	1451	1465	5642	7.03	2.21	9.99	4.1	48.38	7.49	0.35	7.03
37	gi|90903231|ref|NP_002102.4|	1452	1466	5643	7.03	2.21	10.16	3.7	32.4	8.18	0.54	7.03
37	gi|90903231|ref|NP_002102.4|	1453	1467	5644	3.94	2.21	3.94	3.39	32.4	8.65	1.2	7.03
37	gi|90903231|ref|NP_002102.4|	1454	1468	5645	4.47	2.85	4.17	4.47	26.57	14.29	1.94	8.42
37	gi|90903231|ref|NP_002102.4|	1455	1469	5646	6.6	2.93	6.4	6.6	26.08	14.72	6.31	9.84
37	gi|90903231|ref|NP_002102.4|	1456	1470	5647	10.46	2.95	7.48	9.58	24.96	19.85	10.46	14.04
37	gi|90903231|ref|NP_002102.4|	1457	1471	5648	18.29	3.06	16.68	18.29	25.1	30.09	10.68	23.14
37	gi|90903231|ref|NP_002102.4|	1458	1472	5649	11.1	4.37	8.5	17.55	11.1	26.82	11.85	9.46
37	gi|90903231|ref|NP_002102.4|	1459	1473	5650	15.94	4.37	9.8	29.13	2.41	18.13	15.94	17.18
37	gi|90903231|ref|NP_002102.4|	1460	1474	5651	17.18	4.37	21.32	25.83	2.18	13.13	21.85	17.18
37	gi|90903231|ref|NP_002102.4|	1461	1475	5652	17.18	2.18	29.72	28.08	2.45	13.13	34.07	17.18
37	gi|90903231|ref|NP_002102.4|	1462	1476	5653	17.18	1.24	32.85	31.84	2.49	14.8	38.05	17.18
37	gi|90903231|ref|NP_002102.4|	1467	1481	5654	18.39	5.06	38.92	6.48	18.39	65.72	62.68	4.69
37	gi|90903231|ref|NP_002102.4|	1468	1482	5655	15.2	6.06	41.19	6.48	18.37	69.82	15.2	4.69
37	gi|90903231|ref|NP_002102.4|	1469	1483	5656	12.48	5.96	42.93	9.02	18.04	63.12	12.48	4.69
37	gi|90903231|ref|NP_002102.4|	1470	1484	5657	9.31	4.69	35.5	8.35	12.28	49.41	9.31	4.69
37	gi|90903231|ref|NP_002102.4|	1471	1485	5658	9.92	6.76	41.73	9.92	15.02	47.08	9.31	4.69

Table 2

37	gi|90903231|ref|NP_002102.4|	1472	1486	5659	9.41	6.74	36.56	9.41	17.51	46.33	6.07	4.89
37	gi|90903231|ref|NP_002102.4|	1473	1487	5660	10.99	9.44	45.09	10.99	20.57	47.42	5.37	5.39
37	gi|90903231|ref|NP_002102.4|	1474	1488	5661	15.56	9.63	45.09	15.56	30.19	48.35	4.54	13.47
37	gi|90903231|ref|NP_002102.4|	1475	1489	5662	15.08	15.08	25.31	18.81	13.95	37.19	9.31	3.02
37	gi|90903231|ref|NP_002102.4|	1476	1490	5663	17.2	17.2	28.58	21.08	14.47	27.2	9.31	2.76
37	gi|90903231|ref|NP_002102.4|	1477	1491	5664	19.53	19.53	25.78	33.74	14.48	26.29	14.49	2.57
37	gi|90903231|ref|NP_002102.4|	1483	1497	5665	16.44	14.41	16.44	43.29	7.03	36.51	39.98	8.42
37	gi|90903231|ref|NP_002102.4|	1484	1498	5666	18.83	14.41	18.83	43.45	6.15	24.6	43.75	8.42
37	gi|90903231|ref|NP_002102.4|	1485	1499	5667	15.61	14.41	16.85	39.88	4.94	15.61	43.52	8.42
37	gi|90903231|ref|NP_002102.4|	1486	1500	5668	14.41	14.41	14.78	38.32	4.16	11.99	38.91	8.42
37	gi|90903231|ref|NP_002102.4|	1487	1501	5669	15.68	14.41	16.97	20.1	6.72	15.68	50.46	8.42
37	gi|90903231|ref|NP_002102.4|	1488	1502	5670	17.9	14.41	17.9	20.1	9.8	23.78	38.07	10.83
37	gi|90903231|ref|NP_002102.4|	1489	1503	5671	14.41	14.41	20.99	12.08	9.8	52.96	21.94	10.57
37	gi|90903231|ref|NP_002102.4|	1490	1504	5672	15.77	15.77	38.25	11.28	9.8	63.18	12.61	19.1
37	gi|90903231|ref|NP_002102.4|	1491	1505	5673	15.77	15.77	38.25	10.24	9.8	67.87	13.07	21.29
37	gi|90903231|ref|NP_002102.4|	1492	1506	5674	15.77	15.77	38.25	10.62	9.8	73.28	12.33	30.84
37	gi|90903231|ref|NP_002102.4|	1493	1507	5675	9.8	3.51	14.84	4.37	9.8	79.31	8	19.33
37	gi|90903231|ref|NP_002102.4|	1494	1508	5676	9.8	6.3	11.59	4.62	9.8	81.68	8	12.23
37	gi|90903231|ref|NP_002102.4|	1495	1509	5677	11	6.29	11.89	4.59	30.43	83.2	8	11
37	gi|90903231|ref|NP_002102.4|	1496	1510	5678	11.59	5.84	11.59	0.81	43.75	32.86	13.44	0.11
37	gi|90903231|ref|NP_002102.4|	1497	1511	5679	11.59	4.44	11.59	0.73	37.47	17.04	36.75	0.11
37	gi|90903231|ref|NP_002102.4|	1498	1512	5680	11.59	2.46	11.59	0.83	36.93	11.65	36.75	0.11
37	gi|90903231|ref|NP_002102.4|	1499	1513	5681	8.63	2.46	11.59	0.78	36.12	8.63	32.71	0.11
37	gi|90903231|ref|NP_002102.4|	1500	1514	5682	7.66	5.67	24.69	0.74	37.36	7.66	27.59	0.11
37	gi|90903231|ref|NP_002102.4|	1501	1515	5683	8.56	5.67	24.69	0.69	42.21	8.56	22.72	0.11
37	gi|90903231|ref|NP_002102.4|	1502	1516	5684	5.67	5.67	4.12	0.66	19.51	11.62	19.82	0.11
37	gi|90903231|ref|NP_002102.4|	1503	1517	5685	5.67	5.67	2.78	1.07	19.51	14.53	20.73	3.73
37	gi|90903231|ref|NP_002102.4|	1504	1518	5686	6.93	6.93	4.31	1.71	19.51	17.59	43.53	5.05
37	gi|90903231|ref|NP_002102.4|	1505	1519	5687	8.34	23.55	3.97	6.18	8.34	16.64	10.68	5.05
37	gi|90903231|ref|NP_002102.4|	1506	1520	5688	8.91	34	5.99	8.91	8.34	22.45	10.68	5.05
37	gi|90903231|ref|NP_002102.4|	1507	1521	5689	10.68	46.81	8.6	19.48	8.34	27.16	10.68	5.05
37	gi|90903231|ref|NP_002102.4|	1508	1522	5690	10.68	70.94	8.5	17.24	8.34	29.13	10.68	5.05
37	gi|90903231|ref|NP_002102.4|	1509	1523	5691	17.16	30.67	17.16	23.8	8.34	30.77	10.68	11.66
37	gi|90903231|ref|NP_002102.4|	1510	1524	5692	10.68	8.9	21.47	13.41	8.34	22.62	10.68	4.01
37	gi|90903231|ref|NP_002102.4|	1511	1525	5693	8.34	7.72	21.19	12.32	8.34	16.04	7.63	4.01
37	gi|90903231|ref|NP_002102.4|	1512	1526	5694	13.16	7.74	27.05	13.16	24.65	16.9	6.12	4.72
37	gi|90903231|ref|NP_002102.4|	1513	1527	5695	15.17	7.72	33.71	15.17	24.65	20.01	2.81	4.79
37	gi|90903231|ref|NP_002102.4|	1514	1528	5696	16.25	9.89	44.02	16.25	24.65	25.41	3.18	8.08
37	gi|90903231|ref|NP_002102.4|	1517	1531	5697	18.99	10.55	37.49	15.62	53.31	39.3	7.56	18.99
37	gi|90903231|ref|NP_002102.4|	1518	1532	5698	19.13	7.55	43.25	15.86	27.5	26.36	6.65	19.13
37	gi|90903231|ref|NP_002102.4|	1519	1533	5699	19.64	8.05	50.52	16.32	27.5	24.75	6.29	19.64
37	gi|90903231|ref|NP_002102.4|	1520	1534	5700	17.11	8.01	57.49	17.11	27.23	22.94	10.02	8.29
37	gi|90903231|ref|NP_002102.4|	1521	1535	5701	14.38	10.63	62.06	14.38	27.25	24.77	13.58	4.28
37	gi|90903231|ref|NP_002102.4|	1527	1541	5702	19.74	6.07	10.24	23.93	4.58	33.51	40.27	19.74
37	gi|90903231|ref|NP_002102.4|	1531	1545	5703	17.11	17.11	8.27	53.3	4.59	17.49	25.04	11.99
37	gi|90903231|ref|NP_002102.4|	1532	1546	5704	11.16	13.24	8.27	49.2	8.88	10.77	20.54	11.16
37	gi|90903231|ref|NP_002102.4|	1533	1547	5705	8.4	8.24	8.64	47.81	8.4	5.98	17.62	7.9
37	gi|90903231|ref|NP_002102.4|	1534	1548	5706	9.25	6.05	9.25	41.49	23.23	4.32	13.41	5.82

Table 2

37	gi|90903231|ref|NP_002102.4|	1535	1549	5707	12.47	12.59	12.47	32.29	23.23	7.57	6.64	5.79
37	gi|90903231|ref|NP_002102.4|	1536	1550	5708	17.15	17.15	23.46	32.84	23.23	16.78	6.42	6.61
37	gi|90903231|ref|NP_002102.4|	1541	1555	5709	12.46	0.41	39.45	28.49	13.25	12.46	2.41	10.44
37	gi|90903231|ref|NP_002102.4|	1542	1556	5710	11.66	0.4	45.74	30.55	13.39	8.65	4.4	11.66
37	gi|90903231|ref|NP_002102.4|	1543	1557	5711	13.11	0.31	52.09	33.82	13.37	7.49	4.37	13.11
37	gi|90903231|ref|NP_002102.4|	1544	1558	5712	13.1	0.27	57.92	33.23	13.58	8.38	4.51	13.1
37	gi|90903231|ref|NP_002102.4|	1545	1559	5713	15.37	0.66	40.61	21.05	16.43	9.59	15.37	4.46
37	gi|90903231|ref|NP_002102.4|	1546	1560	5714	13.94	1.01	34.82	13.94	20.55	7.36	18.15	2.98
37	gi|90903231|ref|NP_002102.4|	1547	1561	5715	15.06	1.01	38.76	15.06	24.37	9.71	19.94	3
37	gi|90903231|ref|NP_002102.4|	1548	1562	5716	13.48	9.09	38.55	13.48	28.5	9.44	19.1	3.1
37	gi|90903231|ref|NP_002102.4|	1549	1563	5717	15.93	9.65	41.4	15.93	28.5	10.42	37.12	3.22
37	gi|90903231|ref|NP_002102.4|	1566	1580	5718	9.98	1.39	6.9	9.98	43.74	46.4	10.13	9.8
37	gi|90903231|ref|NP_002102.4|	1567	1581	5719	8.14	1.39	8.14	3.04	13.48	43.69	9.15	3.43
37	gi|90903231|ref|NP_002102.4|	1568	1582	5720	4.71	1.39	11.7	2.95	13.48	40.29	4.71	3.4
37	gi|90903231|ref|NP_002102.4|	1569	1583	5721	3.47	1.39	16.73	3.42	13.48	41.46	3.47	3.46
37	gi|90903231|ref|NP_002102.4|	1570	1584	5722	3.82	1.39	25.13	1.38	13.48	44.39	3.82	3.81
37	gi|90903231|ref|NP_002102.4|	1571	1585	5723	4.22	1.39	36.19	0.43	13.48	42.34	4.22	2.74
37	gi|90903231|ref|NP_002102.4|	1572	1586	5724	3.93	1.39	19.99	0.32	13.48	23.28	1.64	3.93
37	gi|90903231|ref|NP_002102.4|	1573	1587	5725	9.38	9.38	19.04	0.32	13.48	14.77	0.79	3.74
37	gi|90903231|ref|NP_002102.4|	1574	1588	5726	6.58	6.58	12.7	0.32	34.88	15.3	0.86	4.16
37	gi|90903231|ref|NP_002102.4|	1575	1589	5727	3.52	0.96	3.52	0.35	34.09	10.23	0.83	4.17
37	gi|90903231|ref|NP_002102.4|	1576	1590	5728	3.61	0.92	3.61	0.55	26.05	8.52	0.78	7.83
37	gi|90903231|ref|NP_002102.4|	1577	1591	5729	2.27	0.85	1.04	3.8	22.7	7.78	0.72	2.27
37	gi|90903231|ref|NP_002102.4|	1578	1592	5730	2.15	0.8	0.94	8.46	21.32	8.25	0.84	2.15
37	gi|90903231|ref|NP_002102.4|	1579	1593	5731	5.79	1.14	0.91	9.92	20.73	9.56	1.93	5.79
37	gi|90903231|ref|NP_002102.4|	1580	1594	5732	5.79	2.21	0.96	9.92	24.66	14.49	1.32	5.79
37	gi|90903231|ref|NP_002102.4|	1581	1595	5733	5.79	2.4	1.41	8.99	28.91	25.39	1.07	5.79
37	gi|90903231|ref|NP_002102.4|	1582	1596	5734	12.89	15.15	3.45	12.89	34.18	45.91	1.08	6.41
37	gi|90903231|ref|NP_002102.4|	1583	1597	5735	6.46	4.77	3.51	14.5	28.88	73.48	0.67	6.46
37	gi|90903231|ref|NP_002102.4|	1584	1598	5736	12.34	4.77	21.76	12.34	28.88	67.54	0.44	1.82
37	gi|90903231|ref|NP_002102.4|	1585	1599	5737	7.37	4.93	21.53	7.37	28.88	45.14	0.64	1.58
37	gi|90903231|ref|NP_002102.4|	1586	1600	5738	6.56	4.77	24.45	6.56	28.88	36.62	0.68	1.58
37	gi|90903231|ref|NP_002102.4|	1587	1601	5739	6.52	6.52	27	5.44	28.88	33.59	0.93	1.57
37	gi|90903231|ref|NP_002102.4|	1588	1602	5740	6.45	6.45	30.02	5.54	28.88	36.1	0.67	1.66
37	gi|90903231|ref|NP_002102.4|	1589	1603	5741	10.26	10.26	32.66	6.78	28.88	40.89	0.58	3.97
37	gi|90903231|ref|NP_002102.4|	1590	1604	5742	13.64	11.01	37.35	13.64	61.26	52.28	1.35	5.02
37	gi|90903231|ref|NP_002102.4|	1599	1613	5743	19.4	42.56	16.63	19.4	11.11	32.44	13.09	27.98
37	gi|90903231|ref|NP_002102.4|	1600	1614	5744	16.9	13.22	16.9	19.63	11.11	25.3	13.09	28.3
37	gi|90903231|ref|NP_002102.4|	1601	1615	5745	18.15	12.58	15.97	18.66	20.6	18.15	9.48	27.4
37	gi|90903231|ref|NP_002102.4|	1602	1616	5746	10.67	9.9	9.78	12.06	11.11	10.67	3.69	12.73
37	gi|90903231|ref|NP_002102.4|	1603	1617	5747	9.4	9.4	9.04	12.04	11.11	7.62	2.26	12.48
37	gi|90903231|ref|NP_002102.4|	1604	1618	5748	10.03	10.03	9.43	17.56	11.11	8.45	1.7	13.88
37	gi|90903231|ref|NP_002102.4|	1605	1619	5749	13.56	8.34	19.31	17.52	7.29	13.89	1.98	13.56
37	gi|90903231|ref|NP_002102.4|	1606	1620	5750	18.64	5.8	18.94	18.64	6.78	19.36	2.61	21.62
37	gi|90903231|ref|NP_002102.4|	1607	1621	5751	18.64	3.99	26.02	18.64	7.07	23	5.24	23.59
37	gi|90903231|ref|NP_002102.4|	1608	1622	5752	18.64	2.96	34.77	18.64	7.74	30.3	6.81	21.62
37	gi|90903231|ref|NP_002102.4|	1609	1623	5753	17.8	5.58	46.41	18.55	12.2	33.1	11.79	17.8
37	gi|90903231|ref|NP_002102.4|	1610	1624	5754	14.16	9.62	65.56	14.16	19.3	31.86	4.99	2.08

Table 2

37	gi|90903231|ref|NP_002102.4|	1611	1625	5755	10.94	2.36	69.3	10.94	23.38	30.85	2.27	1.99
37	gi|90903231|ref|NP_002102.4|	1612	1626	5756	10.52	8.73	63.51	10.52	23.38	30.21	0.77	1.98
37	gi|90903231|ref|NP_002102.4|	1613	1627	5757	7.49	7.49	30.13	7.3	23.38	26.16	0.41	1.92
37	gi|90903231|ref|NP_002102.4|	1614	1628	5758	8.58	8.58	32.87	7.98	23.38	27.28	0.22	1.99
37	gi|90903231|ref|NP_002102.4|	1615	1629	5759	11.94	11.94	34.97	8.01	23.38	30.15	0.15	5.55
37	gi|90903231|ref|NP_002102.4|	1616	1630	5760	14.78	12.91	38.51	14.78	23.38	40.78	0.13	5.75
37	gi|90903231|ref|NP_002102.4|	1630	1644	5761	18.54	8.34	45.63	14.53	18.54	72	39.03	15.26
37	gi|90903231|ref|NP_002102.4|	1631	1645	5762	18.54	8.34	45.63	17.78	18.54	73.93	39.03	17.72
37	gi|90903231|ref|NP_002102.4|	1633	1647	5763	18.54	7.21	45.63	11.15	18.54	62.26	33.01	16.51
37	gi|90903231|ref|NP_002102.4|	1634	1648	5764	13.35	13.35	2.84	8.57	18.54	21.12	33.34	1.25
37	gi|90903231|ref|NP_002102.4|	1635	1649	5765	8.07	7.21	2.84	8.57	32.64	8.07	29.65	1.05
37	gi|90903231|ref|NP_002102.4|	1636	1650	5766	7.21	7.21	2.84	7.41	32.64	6.65	38.22	1.05
37	gi|90903231|ref|NP_002102.4|	1637	1651	5767	7.21	7.21	2.84	7.41	32.64	4.12	42.05	1.05
37	gi|90903231|ref|NP_002102.4|	1638	1652	5768	7.21	7.21	2.84	7.41	43.31	5.09	38.83	1.05
37	gi|90903231|ref|NP_002102.4|	1639	1653	5769	7.37	7.21	2.84	12.66	46.94	7.37	33.61	1.05
37	gi|90903231|ref|NP_002102.4|	1640	1654	5770	15.43	12.29	2.84	15.43	47.07	17.87	28.3	2.16
37	gi|90903231|ref|NP_002102.4|	1644	1658	5771	18.42	8.15	52.47	34.21	48.72	18.42	10.13	4.06
37	gi|90903231|ref|NP_002102.4|	1645	1659	5772	13.45	2.1	45.61	19.8	41.89	13.45	6.27	3.93
37	gi|90903231|ref|NP_002102.4|	1646	1660	5773	7.05	2.12	33.15	1.76	33.12	11.33	7.05	2.89
37	gi|90903231|ref|NP_002102.4|	1647	1661	5774	9.1	2.27	40.78	1.76	35.56	13.27	9.1	6.18
37	gi|90903231|ref|NP_002102.4|	1648	1662	5775	13.63	2.45	49.8	1.76	37.78	20.82	13.63	6.33
37	gi|90903231|ref|NP_002102.4|	1649	1663	5776	11.46	2.99	33.73	2.16	24.22	22.98	11.46	5.18
37	gi|90903231|ref|NP_002102.4|	1650	1664	5777	11.96	6.53	36.59	2.16	24.22	24.19	11.96	5.21
37	gi|90903231|ref|NP_002102.4|	1651	1665	5778	10.37	6.37	19.03	3.21	24.22	24.11	10.37	5.61
37	gi|90903231|ref|NP_002102.4|	1652	1666	5779	14.69	12.46	14.86	4.51	24.22	15.92	14.69	5.56
37	gi|90903231|ref|NP_002102.4|	1653	1667	5780	14.92	8.03	14.92	18.87	24.22	9.2	15.37	4.77
37	gi|90903231|ref|NP_002102.4|	1654	1668	5781	14.21	7.91	15.14	24.04	24.22	6.41	14.21	7.46
37	gi|90903231|ref|NP_002102.4|	1655	1669	5782	14.57	7.92	17.41	28.59	24.22	6.34	14.57	7.59
37	gi|90903231|ref|NP_002102.4|	1667	1681	5783	6.59	2.99	6.59	6.22	1.63	72.19	19.27	24.65
37	gi|90903231|ref|NP_002102.4|	1668	1682	5784	6.59	2.7	6.59	5.66	0.67	67.24	22.79	17.91
37	gi|90903231|ref|NP_002102.4|	1669	1683	5785	1.95	1.75	6.59	1.95	0.68	32.8	29.46	0.7
37	gi|90903231|ref|NP_002102.4|	1670	1684	5786	2.17	1.66	6.59	2.17	0.65	23.29	25.95	0.7
37	gi|90903231|ref|NP_002102.4|	1671	1685	5787	2.23	1.61	6.59	2.23	0.65	19.18	32.27	0.7
37	gi|90903231|ref|NP_002102.4|	1672	1686	5788	1.75	1.42	6.59	1.75	1.22	17.53	28.16	0.7
37	gi|90903231|ref|NP_002102.4|	1673	1687	5789	2.38	0.89	6.59	1.75	2.38	19.78	10.87	0.7
37	gi|90903231|ref|NP_002102.4|	1674	1688	5790	6.64	0.89	8.27	2.13	55.58	23.68	6.64	0.7
37	gi|90903231|ref|NP_002102.4|	1675	1689	5791	3.05	0.89	8.27	2.13	58.13	26.19	3.05	0.7
37	gi|90903231|ref|NP_002102.4|	1676	1690	5792	3.25	0.89	8.27	2.13	53.58	17.23	0.61	3.25
37	gi|90903231|ref|NP_002102.4|	1677	1691	5793	3.61	2.24	8.27	2.13	54.04	11.99	0.44	3.61
37	gi|90903231|ref|NP_002102.4|	1678	1692	5794	3.81	1.63	8.27	2.13	56.22	12.98	0.29	3.81
37	gi|90903231|ref|NP_002102.4|	1679	1693	5795	3.6	2.26	14.21	2.61	50.51	10.26	0.24	3.6
37	gi|90903231|ref|NP_002102.4|	1680	1694	5796	3.94	1.57	11.52	2.62	52.99	9.7	0.26	3.94
37	gi|90903231|ref|NP_002102.4|	1681	1695	5797	8.83	1.55	9.23	8.75	52.86	10.42	0.3	8.83
37	gi|90903231|ref|NP_002102.4|	1682	1696	5798	9.82	4.37	11.9	9.82	47.56	14.73	0.33	9.45
37	gi|90903231|ref|NP_002102.4|	1683	1697	5799	17.8	2.61	16.28	37.95	47.56	22.48	6.45	17.8
37	gi|90903231|ref|NP_002102.4|	1687	1701	5800	19.08	0.59	6.99	19.29	37.09	42.6	10	19.08
37	gi|90903231|ref|NP_002102.4|	1688	1702	5801	18.97	0.59	9.42	19.2	35.83	31.4	6.79	18.97
37	gi|90903231|ref|NP_002102.4|	1689	1703	5802	11.08	0.59	7.21	13.71	32.33	25.04	4.06	11.08

Table 2

37	gi|90903231|ref|NP_002102.4|	1690	1704	5803	12.26	0.59	10.09	18.04	31.05	23.15	3.1	12.26
37	gi|90903231|ref|NP_002102.4|	1691	1705	5804	14.26	0.59	14.26	18.35	37.37	24.77	4.22	12.09
37	gi|90903231|ref|NP_002102.4|	1692	1706	5805	17.37	0.59	17.37	21.17	44.28	25.48	4.29	13.61
37	gi|90903231|ref|NP_002102.4|	1693	1707	5806	13.3	0.59	19.47	4.99	37.07	27.9	4.09	13.3
37	gi|90903231|ref|NP_002102.4|	1694	1708	5807	14.81	14.81	14.66	5.86	41.52	30.44	10.03	15.88
37	gi|90903231|ref|NP_002102.4|	1695	1709	5808	14.66	12.33	14.66	5.37	39.25	27.75	16.12	14.14
37	gi|90903231|ref|NP_002102.4|	1696	1710	5809	17.8	12.45	14.66	5.8	38.07	30.3	26.12	17.8
37	gi|90903231|ref|NP_002102.4|	1697	1711	5810	17.8	13.06	14.66	4.83	36.96	33.59	28.92	17.8
37	gi|90903231|ref|NP_002102.4|	1698	1712	5811	17.8	14.21	14.66	5.86	39.88	41	24.9	17.8
37	gi|90903231|ref|NP_002102.4|	1700	1714	5812	16.84	6.64	14.66	11.13	16.84	44.75	28.92	20.34
37	gi|90903231|ref|NP_002102.4|	1701	1715	5813	16.34	2.71	29.06	15.5	16.34	28.63	24.73	10.66
37	gi|90903231|ref|NP_002102.4|	1702	1716	5814	9.7	2.1	4.98	18.27	13.34	15.58	7.81	9.7
37	gi|90903231|ref|NP_002102.4|	1703	1717	5815	7.81	2.06	6.11	19.03	12.91	9.68	7.81	3.73
37	gi|90903231|ref|NP_002102.4|	1704	1718	5816	8.26	2.08	8.26	22.49	18.97	10.5	7.81	3.81
37	gi|90903231|ref|NP_002102.4|	1705	1719	5817	12.73	2.82	12.73	27.16	27.45	13.27	7.81	4.06
37	gi|90903231|ref|NP_002102.4|	1706	1720	5818	16.06	4.73	16.06	32.26	32.71	20.05	7.81	5.14
37	gi|90903231|ref|NP_002102.4|	1736	1750	5819	17.8	28.13	15.08	7.93	43.05	40.64	8.83	17.8
37	gi|90903231|ref|NP_002102.4|	1737	1751	5820	19.42	28.13	19.42	7.93	47.41	40.64	3.51	17.8
37	gi|90903231|ref|NP_002102.4|	1739	1753	5821	7.93	5.63	22.95	7.93	22.01	39.12	2.17	4.34
37	gi|90903231|ref|NP_002102.4|	1740	1754	5822	5.63	5.63	17.42	1.26	21.96	37.88	1.79	2.05
37	gi|90903231|ref|NP_002102.4|	1741	1755	5823	3.31	3.31	17.42	1.26	23.1	41.47	1.41	2.05
37	gi|90903231|ref|NP_002102.4|	1742	1756	5824	3.31	3.31	17.42	1.26	23.01	50.58	1.5	2.05
37	gi|90903231|ref|NP_002102.4|	1743	1757	5825	2.05	1.77	17.42	1.26	25.51	57.3	0.88	2.05
37	gi|90903231|ref|NP_002102.4|	1744	1758	5826	2.61	2.61	17.42	1.26	25.51	60.01	0.56	2.32
37	gi|90903231|ref|NP_002102.4|	1745	1759	5827	4.02	3.14	17.42	4.02	40.75	69.99	0.66	3.77
37	gi|90903231|ref|NP_002102.4|	1746	1760	5828	6.04	1.77	17.42	4.21	31.36	36.4	0.65	6.04
37	gi|90903231|ref|NP_002102.4|	1747	1761	5829	11.5	1.77	52.68	9.82	29.48	21.45	1.01	11.5
37	gi|90903231|ref|NP_002102.4|	1748	1762	5830	12.53	1.3	42.93	14.23	25.39	12.53	1.47	11.11
37	gi|90903231|ref|NP_002102.4|	1749	1763	5831	9.74	0.74	48.84	20.71	24.71	9.62	1.78	9.74
37	gi|90903231|ref|NP_002102.4|	1750	1764	5832	9.44	0.44	15.68	23	22.39	9.39	4.52	9.44
37	gi|90903231|ref|NP_002102.4|	1751	1765	5833	16.1	0.81	18.75	28.35	31.36	13.13	16.1	13.31
37	gi|90903231|ref|NP_002102.4|	1752	1766	5834	18.99	1.51	18.99	28.35	31.36	21.33	16.1	13.25
37	gi|90903231|ref|NP_002102.4|	1768	1782	5835	12.06	19.41	10.03	35.07	12.06	28.06	11.84	7.46
37	gi|90903231|ref|NP_002102.4|	1769	1783	5836	11.97	19.41	5.58	35.08	11.97	15.11	8.42	7.46
37	gi|90903231|ref|NP_002102.4|	1770	1784	5837	12.38	19.41	7.86	37.64	12.38	14.74	8.8	7.46
37	gi|90903231|ref|NP_002102.4|	1771	1785	5838	15.21	16.02	8.26	36.59	15.21	13.52	18.43	7.46
37	gi|90903231|ref|NP_002102.4|	1772	1786	5839	19.36	19.36	10.58	27.24	23.69	16.34	23.78	7.46
37	gi|90903231|ref|NP_002102.4|	1774	1788	5840	18.97	19.36	18.97	12.87	4.7	52.16	19.7	13.69
37	gi|90903231|ref|NP_002102.4|	1775	1789	5841	19.7	11.63	33.97	10.7	0.18	82.28	19.7	34.33
37	gi|90903231|ref|NP_002102.4|	1776	1790	5842	10.66	10.66	37.73	8.83	0.19	82.86	19.7	2.25
37	gi|90903231|ref|NP_002102.4|	1777	1791	5843	10.33	10.33	37.73	8.81	0.19	73.49	19.7	2.08
37	gi|90903231|ref|NP_002102.4|	1778	1792	5844	10.95	10.95	37.73	8.91	0.2	68.87	19.7	2.16
37	gi|90903231|ref|NP_002102.4|	1779	1793	5845	9.87	8.3	35.48	9.87	0.22	45.06	19.7	1.34
37	gi|90903231|ref|NP_002102.4|	1780	1794	5846	1.16	10.2	0.76	0.49	0.46	20.38	19.7	1.16
37	gi|90903231|ref|NP_002102.4|	1781	1795	5847	10.18	10.18	1.17	0.49	32.32	10.26	21.41	1.16
37	gi|90903231|ref|NP_002102.4|	1782	1796	5848	1.9	1.9	1.83	0.49	17.8	3.23	4.85	1.16
37	gi|90903231|ref|NP_002102.4|	1783	1797	5849	1.8	1.8	1.8	0.49	17.8	1.24	4.88	1.07
37	gi|90903231|ref|NP_002102.4|	1784	1798	5850	1.8	1.8	2.95	0.49	17.8	1.04	10.08	1.15

Table 2

37	gi|90903231|ref|NP_002102.4|	1785	1799	5851	1.93	1.93	3.73	0.49	17.8	1.14	13.87	1.44
37	gi|90903231|ref|NP_002102.4|	1786	1800	5852	5.75	6.07	5.75	0.49	17.8	2.04	18.18	2.49
37	gi|90903231|ref|NP_002102.4|	1787	1801	5853	8.98	8.98	8.81	9.68	16.98	2.51	23.61	4.49
37	gi|90903231|ref|NP_002102.4|	1788	1802	5854	4.16	7.21	1.07	4.16	16.98	1.08	10.25	0.62
37	gi|90903231|ref|NP_002102.4|	1789	1803	5855	4.48	23.86	1.06	4.48	16.98	0.64	14.48	0.62
37	gi|90903231|ref|NP_002102.4|	1790	1804	5856	3.03	13.5	0.82	3.03	16.98	0.21	14.48	0.39
37	gi|90903231|ref|NP_002102.4|	1791	1805	5857	3.46	7.21	0.45	3.46	9.05	0.08	10.02	0.23
37	gi|90903231|ref|NP_002102.4|	1792	1806	5858	4.75	4.92	0.45	4.75	8.78	0.06	10.3	0.34
37	gi|90903231|ref|NP_002102.4|	1793	1807	5859	3.24	3.24	0.57	6.41	8.35	0.07	18.6	0.6
37	gi|90903231|ref|NP_002102.4|	1794	1808	5860	2.53	2.53	0.59	9.08	7.54	0.54	18.77	0.62
37	gi|90903231|ref|NP_002102.4|	1795	1809	5861	9.11	5.17	4.71	34.62	9.83	2.11	26.07	9.11
37	gi|90903231|ref|NP_002102.4|	1796	1810	5862	11.21	11.21	4.86	33.38	12.96	7.62	30.04	9.44
37	gi|90903231|ref|NP_002102.4|	1797	1811	5863	16.98	14.41	4.86	35.34	16.98	38.5	32.39	12.77
37	gi|90903231|ref|NP_002102.4|	1809	1823	5864	2.98	2.98	3.78	9.79	1.37	2.49	57.16	1.87
37	gi|90903231|ref|NP_002102.4|	1810	1824	5865	2.98	2.98	4.9	9.52	1.26	0.81	47.81	1.87
37	gi|90903231|ref|NP_002102.4|	1811	1825	5866	2.98	2.98	7.28	9.26	1.24	0.5	41.89	1.87
37	gi|90903231|ref|NP_002102.4|	1812	1826	5867	2.5	2.5	9.12	9.62	1.26	0.47	40.44	1.87
37	gi|90903231|ref|NP_002102.4|	1813	1827	5868	2.98	2.98	10.99	18.78	2.2	0.63	29.19	2.26
37	gi|90903231|ref|NP_002102.4|	1814	1828	5869	3.61	2.98	9.51	13.53	3.61	1.62	20.95	2.74
37	gi|90903231|ref|NP_002102.4|	1815	1829	5870	7.8	2.98	13.4	12.84	5.62	7.8	19.88	6.6
37	gi|90903231|ref|NP_002102.4|	1816	1830	5871	15.95	6.67	15.95	11.28	63.84	18.77	16.65	9.11
37	gi|90903231|ref|NP_002102.4|	1817	1831	5872	15	9.96	20.04	10.33	63.36	21.22	15	9.24
37	gi|90903231|ref|NP_002102.4|	1820	1834	5873	14.23	26.88	8.18	14.23	9.27	28.13	10.46	29.51
37	gi|90903231|ref|NP_002102.4|	1821	1835	5874	11.11	13.72	7.6	15.66	7.55	13.07	10.46	11.11
37	gi|90903231|ref|NP_002102.4|	1822	1836	5875	8.99	13.72	4.89	8.99	7.55	4.11	10.46	11.11
37	gi|90903231|ref|NP_002102.4|	1823	1837	5876	8.49	12.77	5.48	8.49	7.55	2.08	10.46	11.11
37	gi|90903231|ref|NP_002102.4|	1824	1838	5877	8.81	9.2	7.6	8.81	7.55	1.96	10.46	11.11
37	gi|90903231|ref|NP_002102.4|	1825	1839	5878	9.28	10.98	7.6	9.28	7.55	2.91	12.91	11.11
37	gi|90903231|ref|NP_002102.4|	1826	1840	5879	11.11	13.72	7.6	11.39	7.55	8.47	18.36	11.11
37	gi|90903231|ref|NP_002102.4|	1827	1841	5880	18.33	13.72	14.66	18.33	50.88	29.98	21.72	11.55
37	gi|90903231|ref|NP_002102.4|	1828	1842	5881	16.54	2.95	14.66	6.31	41.9	64.4	17.97	16.54
37	gi|90903231|ref|NP_002102.4|	1830	1844	5882	18.27	2.95	40.18	3.74	25.93	80.2	11.72	18.27
37	gi|90903231|ref|NP_002102.4|	1831	1845	5883	15.53	2.95	40.35	3.49	22.98	76.48	10.64	15.53
37	gi|90903231|ref|NP_002102.4|	1832	1846	5884	11.8	2.95	40.35	3.31	23.43	76.58	8.7	11.8
37	gi|90903231|ref|NP_002102.4|	1833	1847	5885	14.66	2.95	40.35	7.28	24.52	77.1	6.27	14.66
37	gi|90903231|ref|NP_002102.4|	1834	1848	5886	12.99	2.95	40.35	5.18	28.1	73.3	6.26	12.99
37	gi|90903231|ref|NP_002102.4|	1835	1849	5887	7.72	7.72	40.35	6.56	4.34	66.39	0.63	10.63
37	gi|90903231|ref|NP_002102.4|	1836	1850	5888	6.98	6.58	33.29	6.98	5.83	56.73	0.99	10.59
37	gi|90903231|ref|NP_002102.4|	1837	1851	5889	7.23	4.77	37.07	7.23	1.73	31.09	2.51	8.55
37	gi|90903231|ref|NP_002102.4|	1838	1852	5890	6.73	2.89	31.94	6.73	0.68	17.83	4.37	8.53
37	gi|90903231|ref|NP_002102.4|	1839	1853	5891	7.69	1.47	35.76	7.27	0.59	13.33	7.69	8.9
37	gi|90903231|ref|NP_002102.4|	1840	1854	5892	8.34	0.91	39.95	6.89	0.58	11.53	8.34	11.02
37	gi|90903231|ref|NP_002102.4|	1841	1855	5893	12.33	1.48	46.91	12.9	0.58	15.62	8.68	12.33
37	gi|90903231|ref|NP_002102.4|	1889	1903	5894	7.17	7.17	8.74	6.41	59.08	28.34	7	5.74
37	gi|90903231|ref|NP_002102.4|	1890	1904	5895	6.21	3.48	8.74	6.02	29.19	19.65	6.21	5.59
37	gi|90903231|ref|NP_002102.4|	1891	1905	5896	7.04	3.5	8.74	6.24	24.85	19.01	7.04	5.73
37	gi|90903231|ref|NP_002102.4|	1892	1906	5897	8.08	3.49	8.74	6.68	21.82	21.83	8.08	5.84
37	gi|90903231|ref|NP_002102.4|	1893	1907	5898	8.74	3.5	8.74	6.96	20.3	23.78	9.23	5.94

Table 2

37	gi|90903231|ref|NP_002102.4|	1894	1908	5899	11.08	7.72	8.74	7.19	22.25	34.85	11.08	16.1
37	gi|90903231|ref|NP_002102.4|	1895	1909	5900	13.28	12.35	9.17	7.96	25.07	50.62	13.67	13.28
37	gi|90903231|ref|NP_002102.4|	1912	1926	5901	14.05	25.48	4.3	11.8	23.43	44.14	13.58	14.05
37	gi|90903231|ref|NP_002102.4|	1913	1927	5902	14.05	30.15	6.12	11.54	17.1	32.99	8.53	14.05
37	gi|90903231|ref|NP_002102.4|	1914	1928	5903	11.66	27.05	9.2	11.66	6.2	33.45	7.84	11.82
37	gi|90903231|ref|NP_002102.4|	1915	1929	5904	7.67	5.17	7.67	9.72	6.2	19.78	3.61	11
37	gi|90903231|ref|NP_002102.4|	1916	1930	5905	7.74	5.17	7.74	10	6.2	14.34	2.37	10.97
37	gi|90903231|ref|NP_002102.4|	1917	1931	5906	9.91	5.17	9.91	13.03	6.2	12.27	1.95	16.82
37	gi|90903231|ref|NP_002102.4|	1918	1932	5907	10.74	3.77	12.19	15.02	6.2	10.74	1.35	17.81
37	gi|90903231|ref|NP_002102.4|	1919	1933	5908	11.02	2.94	14.01	28.45	6.2	11.02	1.59	25.48
37	gi|90903231|ref|NP_002102.4|	1920	1934	5909	10.18	3.48	11.1	20.36	6.2	10.18	0.77	10.38
37	gi|90903231|ref|NP_002102.4|	1921	1935	5910	14.51	3.86	15.26	21.2	23.81	14.51	1.18	10.44
37	gi|90903231|ref|NP_002102.4|	1922	1936	5911	18.15	4.4	18.15	26.11	29.77	21.62	2.89	11.89
37	gi|90903231|ref|NP_002102.4|	1924	1938	5912	11.25	11.25	7.75	19.87	27.62	31.41	4.92	10.71
37	gi|90903231|ref|NP_002102.4|	1925	1939	5913	18.53	13.04	9.42	25.67	28.87	33.9	5.37	18.53
37	gi|90903231|ref|NP_002102.4|	1926	1940	5914	16.19	13.04	12.66	25.92	23.68	43.72	4.26	16.19
37	gi|90903231|ref|NP_002102.4|	1936	1950	5915	14.66	15.86	6.47	14.64	34.56	14.66	25.42	3.73
37	gi|90903231|ref|NP_002102.4|	1937	1951	5916	15.86	15.86	6.93	20.22	40.9	10.33	25.33	3.73
37	gi|90903231|ref|NP_002102.4|	1938	1952	5917	15.86	15.86	7.31	24.82	43.23	9.56	23.84	3.73
37	gi|90903231|ref|NP_002102.4|	1939	1953	5918	12.97	6.18	7.59	28.28	43.23	12.97	30.98	3.73
37	gi|90903231|ref|NP_002102.4|	1940	1954	5919	16.56	10.84	5.5	33.16	43.23	16.56	30.98	4.92
37	gi|90903231|ref|NP_002102.4|	1941	1955	5920	18.25	12.96	5.5	34.02	50.44	18.25	30.98	4.26
37	gi|90903231|ref|NP_002102.4|	1948	1962	5921	18.52	12.69	30.21	20.98	18.52	24.81	3.62	15.66
37	gi|90903231|ref|NP_002102.4|	1949	1963	5922	10.15	3.18	15.07	20.45	18.52	10.15	2.97	2.92
37	gi|90903231|ref|NP_002102.4|	1950	1964	5923	6.07	2.98	13.18	19.35	18.52	6.07	2.26	2.92
37	gi|90903231|ref|NP_002102.4|	1951	1965	5924	4.99	2.97	15.75	19.35	18.52	4.99	1.8	2.37
37	gi|90903231|ref|NP_002102.4|	1952	1966	5925	3.89	2.26	12.31	18.76	47.76	3.82	3.89	1.34
37	gi|90903231|ref|NP_002102.4|	1953	1967	5926	10.12	2.45	14.91	14.22	56.05	4.93	10.12	1.83
37	gi|90903231|ref|NP_002102.4|	1954	1968	5927	14.07	4.24	16.26	14.22	56.05	8.58	14.07	2.89
37	gi|90903231|ref|NP_002102.4|	1970	1984	5928	10.52	14.3	6.41	10.52	40.81	37.55	8.28	8.48
37	gi|90903231|ref|NP_002102.4|	1971	1985	5929	10.41	25.85	7.42	10.41	68.92	32.84	7.56	8.82
37	gi|90903231|ref|NP_002102.4|	1972	1986	5930	12	23.58	9.57	12	70.05	32.67	8.24	8.73
37	gi|90903231|ref|NP_002102.4|	1973	1987	5931	13.59	40.07	13.59	11.37	70.05	31.07	5.05	8.11
37	gi|90903231|ref|NP_002102.4|	1974	1988	5932	19.26	43.97	19.26	11.56	70.05	36.14	7.47	8.47
37	gi|90903231|ref|NP_002102.4|	1976	1990	5933	10.95	3.31	10.95	3.49	37.99	21.55	12.42	3.31
37	gi|90903231|ref|NP_002102.4|	1977	1991	5934	10.03	3.31	10.03	5.61	37.99	8.63	12.42	12.23
37	gi|90903231|ref|NP_002102.4|	1978	1992	5935	5.61	3.31	2.57	5.61	37.99	5.08	12.42	12.23
37	gi|90903231|ref|NP_002102.4|	1979	1993	5936	5.61	3.31	1.95	5.61	37.99	3	12.42	12.23
37	gi|90903231|ref|NP_002102.4|	1980	1994	5937	5.61	3.31	2.81	5.61	33.5	3.9	12.42	12.23
37	gi|90903231|ref|NP_002102.4|	1981	1995	5938	6.74	3.31	3.03	6.74	29.83	5.23	13.47	12.23
37	gi|90903231|ref|NP_002102.4|	1982	1996	5939	12.23	3.31	3.55	8.28	27.43	14.92	14.47	12.23
37	gi|90903231|ref|NP_002102.4|	1985	1999	5940	18.85	9.51	31.02	3.14	18.85	45.02	20.15	13.69
37	gi|90903231|ref|NP_002102.4|	1986	2000	5941	17.41	9.51	39.31	3.96	18.85	44.46	17.41	14.14
37	gi|90903231|ref|NP_002102.4|	1987	2001	5942	13.73	1.55	39.31	3.82	8.12	31.41	13.73	13.98
37	gi|90903231|ref|NP_002102.4|	1988	2002	5943	12.34	1.55	39.31	4.51	7.41	29.79	12.34	15.59
37	gi|90903231|ref|NP_002102.4|	1989	2003	5944	8.15	1.55	39.31	5.39	6.39	28.61	8.15	16.36
37	gi|90903231|ref|NP_002102.4|	1990	2004	5945	10.25	1.55	39.31	10.25	6.38	26.12	8.71	17.27
37	gi|90903231|ref|NP_002102.4|	1991	2005	5946	14.86	1.55	24.24	9.32	10.1	21.9	16.36	14.86

Table 2

37	gi|90903231|ref|NP_002102.4|	1992	2006	5947	14.65	4.16	24.24	13.19	13.56	18.32	16.36	14.65
37	gi|90903231|ref|NP_002102.4|	1993	2007	5948	16.36	2.88	24.24	14.28	18.41	19.18	16.36	14.57
37	gi|90903231|ref|NP_002102.4|	1994	2008	5949	18.81	18.81	24.24	16.92	22.05	18.32	19.79	14.59
37	gi|90903231|ref|NP_002102.4|	1995	2009	5950	19.93	17.95	24.24	18.21	22.05	20.18	19.08	19.93
37	gi|90903231|ref|NP_002102.4|	1996	2010	5951	16.21	16.21	13.12	13.64	22.05	16.13	16.64	16.54
37	gi|90903231|ref|NP_002102.4|	1997	2011	5952	14.85	4.59	17.19	11.09	22.05	14.85	16.9	8.63
37	gi|90903231|ref|NP_002102.4|	1998	2012	5953	11.79	9.07	13.38	11.05	48.07	13.44	11.79	8.3
37	gi|90903231|ref|NP_002102.4|	1999	2013	5954	10.1	7.25	13.77	10.1	45.15	11.58	7.98	8.92
37	gi|90903231|ref|NP_002102.4|	2000	2014	5955	8.08	6.49	17.75	6.64	8.08	12.35	6.91	8.92
37	gi|90903231|ref|NP_002102.4|	2001	2015	5956	8.92	6.46	21.04	10.08	8.08	14.74	6.62	8.92
37	gi|90903231|ref|NP_002102.4|	2002	2016	5957	10.81	4.62	22.95	10.81	8.08	18.32	7.42	14.8
37	gi|90903231|ref|NP_002102.4|	2003	2017	5958	10.85	3.68	28.3	12.1	8.08	22.45	10.85	2.58
37	gi|90903231|ref|NP_002102.4|	2004	2018	5959	8.08	7.76	37.72	6.72	8.08	16.17	12.07	2.48
37	gi|90903231|ref|NP_002102.4|	2005	2019	5960	8.55	7.76	42.98	8.55	8.08	16.24	12.07	2.6
37	gi|90903231|ref|NP_002102.4|	2006	2020	5961	8.12	1.99	48.74	8.12	8.08	14.96	25.1	2.48
37	gi|90903231|ref|NP_002102.4|	2007	2021	5962	14.84	1.99	34.41	8.08	43.99	14.84	19.82	2.61
37	gi|90903231|ref|NP_002102.4|	2008	2022	5963	12.2	1.99	35.11	8.85	50.87	16.63	12.2	6.92
37	gi|90903231|ref|NP_002102.4|	2009	2023	5964	16.21	2.02	33.81	16.21	62.43	22.64	6.17	8.05
37	gi|90903231|ref|NP_002102.4|	2012	2026	5965	10.33	7.31	17.18	5.5	34.21	21.35	4.18	10.33
37	gi|90903231|ref|NP_002102.4|	2013	2027	5966	18.77	24.57	21.13	5.18	34.21	18.77	5.25	6.95
37	gi|90903231|ref|NP_002102.4|	2014	2028	5967	7.32	3.67	24.45	4.94	11.32	14.18	7.32	5.16
37	gi|90903231|ref|NP_002102.4|	2015	2029	5968	6.92	3.67	29.71	4.77	11.32	10.4	6.92	5.14
37	gi|90903231|ref|NP_002102.4|	2016	2030	5969	7.26	3.67	32.24	4.62	11.32	8.41	7.26	4.95
37	gi|90903231|ref|NP_002102.4|	2017	2031	5970	8.7	3.67	40.36	9.15	11.32	8.7	7.26	6.11
37	gi|90903231|ref|NP_002102.4|	2018	2032	5971	11.32	3.67	48.86	11.62	11.32	12.45	5.92	7.47
37	gi|90903231|ref|NP_002102.4|	2019	2033	5972	14.26	3.68	38.78	18.55	11.32	15.43	7.73	14.26
37	gi|90903231|ref|NP_002102.4|	2020	2034	5973	11.32	3.67	20.77	21.81	11.32	21.8	9.31	9.55
37	gi|90903231|ref|NP_002102.4|	2021	2035	5974	13.81	5.69	18.12	22.86	13.81	24.51	6.02	11.65
37	gi|90903231|ref|NP_002102.4|	2022	2036	5975	15.26	8.84	20.69	32.24	13.81	31.44	9.86	15.26
37	gi|90903231|ref|NP_002102.4|	2023	2037	5976	15.26	8.84	23.84	40.33	13.81	38.21	12.51	15.26
37	gi|90903231|ref|NP_002102.4|	2024	2038	5977	15.26	8.84	25.29	45.11	13.81	45.38	9.4	15.26
37	gi|90903231|ref|NP_002102.4|	2032	2046	5978	19.8	19.8	73.24	12.48	32.45	61.5	17.24	9.07
37	gi|90903231|ref|NP_002102.4|	2038	2052	5979	13.03	18.02	6.98	13.03	75.22	13.72	6.65	5.05
37	gi|90903231|ref|NP_002102.4|	2039	2053	5980	7.38	3.31	7.38	15.19	75.22	5.6	8.69	5.79
37	gi|90903231|ref|NP_002102.4|	2040	2054	5981	8.38	3.31	8.38	17.08	75.22	3.93	11.62	5.79
37	gi|90903231|ref|NP_002102.4|	2041	2055	5982	10.18	3.31	10.18	23.22	75.22	3.73	12.2	5.79
37	gi|90903231|ref|NP_002102.4|	2042	2056	5983	13.07	3.31	13.07	31.5	75.22	4.93	21.49	5.79
37	gi|90903231|ref|NP_002102.4|	2043	2057	5984	15.7	3.31	15.7	34.45	75.22	8.84	18.97	5.79
37	gi|90903231|ref|NP_002102.4|	2044	2058	5985	18.97	6.53	14.15	34.83	69.03	21.53	18.97	5.79
37	gi|90903231|ref|NP_002102.4|	2052	2066	5986	9.35	12.2	16.7	8.01	2.4	9.35	17.16	2.05
37	gi|90903231|ref|NP_002102.4|	2053	2067	5987	9.22	10.55	16.7	9.22	1.17	6.47	15.43	2.05
37	gi|90903231|ref|NP_002102.4|	2054	2068	5988	8.95	10.44	16.7	8.95	1.18	6.3	21.71	2.05
37	gi|90903231|ref|NP_002102.4|	2055	2069	5989	7.08	9.66	16.7	7.08	1.6	5.96	15.81	2.05
37	gi|90903231|ref|NP_002102.4|	2056	2070	5990	7.72	9.82	16.7	7.72	1.62	7.29	19.82	2.05
37	gi|90903231|ref|NP_002102.4|	2057	2071	5991	12.96	12.2	16.7	12.96	2.36	13.52	16.73	2.09
37	gi|90903231|ref|NP_002102.4|	2058	2072	5992	11.83	2.71	16.7	15.64	0.27	14.85	11.83	8.79
37	gi|90903231|ref|NP_002102.4|	2059	2073	5993	12.69	2.71	19.31	20.4	8.67	12.73	8.26	12.69
37	gi|90903231|ref|NP_002102.4|	2060	2074	5994	9.93	2.94	21.59	26.54	8.04	9.93	7.59	11.91

Table 2

37	gi|90903231|ref|NP_002102.4|	2061	2075	5995	12.22	3.15	26.15	31.33	7.47	12.22	8.15	13.62
37	gi|90903231|ref|NP_002102.4|	2062	2076	5996	14.09	3.13	33.08	41.23	11.57	16.1	10.55	14.09
37	gi|90903231|ref|NP_002102.4|	2063	2077	5997	19.03	6.61	38.25	43.4	17.72	19.03	14.17	25.97
37	gi|90903231|ref|NP_002102.4|	2099	2113	5998	7.61	3.93	7.54	7.61	40.49	14.86	16.72	2.66
37	gi|90903231|ref|NP_002102.4|	2100	2114	5999	9.08	3.93	9.08	8.39	40.49	14.64	13.99	2.59
37	gi|90903231|ref|NP_002102.4|	2101	2115	6000	9.9	3.93	10.02	8.57	40.49	15.75	9.9	2.99
37	gi|90903231|ref|NP_002102.4|	2102	2116	6001	8.57	3.93	12.44	8.57	40.49	23.83	8.38	3.89
37	gi|90903231|ref|NP_002102.4|	2103	2117	6002	10.98	3.93	15.78	10.98	62.65	39.46	7.27	4.14
37	gi|90903231|ref|NP_002102.4|	2105	2119	6003	17.76	3.93	7.51	17.76	22.24	20.6	37.93	3.46
37	gi|90903231|ref|NP_002102.4|	2106	2120	6004	12.61	8.78	7.6	18.49	18.64	12.61	71.33	7.95
37	gi|90903231|ref|NP_002102.4|	2107	2121	6005	10.03	7.43	7.6	18.97	18.56	10.03	82.76	7.95
37	gi|90903231|ref|NP_002102.4|	2108	2122	6006	8.37	5.18	7.6	18.71	16.93	8.37	80.5	7.95
37	gi|90903231|ref|NP_002102.4|	2109	2123	6007	10.5	5.27	7.6	18.96	15.42	10.5	81.6	7.95
37	gi|90903231|ref|NP_002102.4|	2110	2124	6008	18.7	8.98	7.6	31.21	22.24	18.7	78.34	10.7
37	gi|90903231|ref|NP_002102.4|	2130	2144	6009	19.23	15.02	16.26	21.4	12.41	24.95	64.96	19.23
37	gi|90903231|ref|NP_002102.4|	2131	2145	6010	18.34	7.19	18.34	21.61	15.18	14.26	58.29	19.16
37	gi|90903231|ref|NP_002102.4|	2132	2146	6011	12.91	7.19	14.52	22.3	12.91	7.79	52.34	8.84
37	gi|90903231|ref|NP_002102.4|	2133	2147	6012	12.85	7.19	13.2	22.03	12.85	5	39.62	8.31
37	gi|90903231|ref|NP_002102.4|	2134	2148	6013	16.27	7.19	16.27	17.85	17.66	5.09	36.93	8.28
37	gi|90903231|ref|NP_002102.4|	2138	2152	6014	19.68	6.36	19.68	7.76	41.07	25.5	26.2	7.03
37	gi|90903231|ref|NP_002102.4|	2139	2153	6015	19.68	5.85	19.68	15.74	40.62	20.9	29.71	7.03
37	gi|90903231|ref|NP_002102.4|	2140	2154	6016	19.68	6.13	19.68	15.74	54.42	22.62	36.54	7.03
37	gi|90903231|ref|NP_002102.4|	2141	2155	6017	19.68	7.49	19.68	5.44	62.46	24.47	31.43	7.03
37	gi|90903231|ref|NP_002102.4|	2142	2156	6018	19.68	7.53	19.68	8.41	69.09	30.27	30.77	7.03
37	gi|90903231|ref|NP_002102.4|	2143	2157	6019	19.68	8.37	19.68	10.47	75.22	41.61	33.74	10.17
37	gi|90903231|ref|NP_002102.4|	2144	2158	6020	19.68	16.22	19.68	13.43	50.4	57.09	29.74	10.06
37	gi|90903231|ref|NP_002102.4|	2163	2177	6021	19.08	10.31	9.08	38.29	44.78	17.72	43.98	19.08
37	gi|90903231|ref|NP_002102.4|	2164	2178	6022	19.08	11.06	9.06	44.48	44.78	15.59	48.22	19.08
37	gi|90903231|ref|NP_002102.4|	2172	2186	6023	19.89	9.57	28.02	19.89	75.22	42.38	14.66	12.66
37	gi|90903231|ref|NP_002102.4|	2177	2191	6024	19.43	25.92	19.43	20.31	67.32	10.38	7.11	3.58
37	gi|90903231|ref|NP_002102.4|	2178	2192	6025	15.19	21.52	19.52	15.19	42.06	6.09	6.43	3.46
37	gi|90903231|ref|NP_002102.4|	2179	2193	6026	15.64	22.37	22.48	15.64	40.81	6.27	9.67	3.47
37	gi|90903231|ref|NP_002102.4|	2180	2194	6027	19.54	28.81	26.23	19.54	40.56	8.56	15.09	4.29
37	gi|90903231|ref|NP_002102.4|	2206	2220	6028	18.3	2.07	47.78	35.31	9.23	14.56	34.28	18.3
37	gi|90903231|ref|NP_002102.4|	2207	2221	6029	19.07	2.22	47.78	36.06	9.43	17.63	24.98	19.07
37	gi|90903231|ref|NP_002102.4|	2208	2222	6030	17.85	2.37	37.11	14.94	14.88	22.74	25.45	17.85
37	gi|90903231|ref|NP_002102.4|	2210	2224	6031	14.94	1.99	11.44	14.94	22.44	14.96	16.1	13.4
37	gi|90903231|ref|NP_002102.4|	2211	2225	6032	9.14	6.71	10.37	9.14	27.32	0.94	12.58	0.43
37	gi|90903231|ref|NP_002102.4|	2212	2226	6033	9.14	6.71	10.67	9.14	27.32	0.15	9.81	0.31
37	gi|90903231|ref|NP_002102.4|	2213	2227	6034	6.7	6.7	6.45	9.14	27.32	0.07	11	0.15
37	gi|90903231|ref|NP_002102.4|	2214	2228	6035	6.99	6.71	6.99	9.34	27.32	0.06	20.4	0.13
37	gi|90903231|ref|NP_002102.4|	2215	2229	6036	8.93	6.71	8.93	20.61	27.32	0.08	23.91	0.28
37	gi|90903231|ref|NP_002102.4|	2216	2230	6037	11	6.71	11	25.36	27.32	0.58	29.83	0.43
37	gi|90903231|ref|NP_002102.4|	2217	2231	6038	5.93	7.21	3.59	5.93	27.32	4.7	16.72	0.43
37	gi|90903231|ref|NP_002102.4|	2218	2232	6039	7.88	16.54	4.35	3.76	48.04	7.88	9.56	5.05
37	gi|90903231|ref|NP_002102.4|	2219	2233	6040	5.36	16.54	4.77	3.21	43.79	5.36	8.6	5.05
37	gi|90903231|ref|NP_002102.4|	2220	2234	6041	5.32	16.54	5.32	2.73	41.04	5.09	7.67	4.45
37	gi|90903231|ref|NP_002102.4|	2221	2235	6042	7.9	9.61	7.1	2.73	41.91	8.01	7.9	5.05

Table 2

37	gi|90903231|ref|NP_002102.4|	2222	2236	6043	9.36	14.46	9.36	5.78	46.53	15.14	7.78	5.05
37	gi|90903231|ref|NP_002102.4|	2223	2237	6044	7.06	14.32	3.88	6.54	49.61	38	7.06	5.05
37	gi|90903231|ref|NP_002102.4|	2224	2238	6045	9.37	27.27	3.88	7.92	28.35	45.7	9.37	3.44
37	gi|90903231|ref|NP_002102.4|	2225	2239	6046	7.16	6.17	3.88	7.16	28.41	30.74	17.14	2.68
37	gi|90903231|ref|NP_002102.4|	2226	2240	6047	8.22	3.92	3.88	8.22	28.27	20.25	16.18	2.68
37	gi|90903231|ref|NP_002102.4|	2227	2241	6048	5.01	1.25	3.88	5.01	23.9	9.33	11.48	2.68
37	gi|90903231|ref|NP_002102.4|	2228	2242	6049	4.64	1.25	3.88	4.64	32.01	5.44	9.2	2.68
37	gi|90903231|ref|NP_002102.4|	2229	2243	6050	3.88	1.17	3.88	4.12	36.93	2.93	6.94	2.68
37	gi|90903231|ref|NP_002102.4|	2230	2244	6051	4.52	1.33	15.3	4.52	44.81	4.06	10.07	2.68
37	gi|90903231|ref|NP_002102.4|	2231	2245	6052	7.07	1.56	21.76	5.7	62.7	7.07	14.26	2.68
37	gi|90903231|ref|NP_002102.4|	2232	2246	6053	15.65	5.55	32.08	8.06	70.4	15.65	31.73	8.42
37	gi|90903231|ref|NP_002102.4|	2245	2259	6054	8.45	5.63	2.88	5.14	23.47	61.9	8.45	10.53
37	gi|90903231|ref|NP_002102.4|	2246	2260	6055	5.76	5.76	1.92	5.05	29.17	55.5	6.19	5.42
37	gi|90903231|ref|NP_002102.4|	2247	2261	6056	5.74	5.74	1.91	5.35	36.94	48.03	6.01	5.42
37	gi|90903231|ref|NP_002102.4|	2248	2262	6057	4.81	5.63	1.57	4.81	7.44	35.55	3.25	4.01
37	gi|90903231|ref|NP_002102.4|	2249	2263	6058	4.79	5.63	1.59	4.79	7.37	29.21	3.23	4.01
37	gi|90903231|ref|NP_002102.4|	2250	2264	6059	5.63	5.63	2.33	7.8	7.31	26.71	3.77	4.01
37	gi|90903231|ref|NP_002102.4|	2251	2265	6060	5.63	5.63	4.03	7.67	7.96	25.04	4.68	4.01
37	gi|90903231|ref|NP_002102.4|	2252	2266	6061	9.51	9.51	2.75	9.75	13.71	24.31	5.1	4.01
37	gi|90903231|ref|NP_002102.4|	2253	2267	6062	6.98	9.51	3.45	6.89	22.79	23.36	6.98	5.23
37	gi|90903231|ref|NP_002102.4|	2254	2268	6063	6.15	9.51	4.9	5.39	30.38	28.43	6.15	5.41
37	gi|90903231|ref|NP_002102.4|	2255	2269	6064	11.65	14.41	7.45	5.29	43.04	35.45	6.19	11.65
37	gi|90903231|ref|NP_002102.4|	2256	2270	6065	11.65	24.82	10.39	7.1	45.48	37.74	5.84	11.65
37	gi|90903231|ref|NP_002102.4|	2257	2271	6066	16.08	26.94	13.42	10.34	16.08	38.55	5.7	19.65
37	gi|90903231|ref|NP_002102.4|	2258	2272	6067	16.53	26.81	16.53	14.41	16.08	46.27	3.59	22.58
37	gi|90903231|ref|NP_002102.4|	2261	2275	6068	7.95	3.31	10.51	14.7	16.08	6.5	0.58	7.95
37	gi|90903231|ref|NP_002102.4|	2262	2276	6069	7.95	3.31	13.84	14.94	16.08	5.69	0.34	7.95
37	gi|90903231|ref|NP_002102.4|	2263	2277	6070	7.95	3.31	12.14	15.65	16.08	4.06	0.38	7.95
37	gi|90903231|ref|NP_002102.4|	2264	2278	6071	7.95	3.31	15.15	17.95	26.46	4.55	0.38	7.95
37	gi|90903231|ref|NP_002102.4|	2265	2279	6072	13.47	3.31	18.91	20.09	34.47	7.63	2.3	13.47
37	gi|90903231|ref|NP_002102.4|	2266	2280	6073	18.95	3.31	30.21	32.47	41.94	18.95	3.92	13.47
37	gi|90903231|ref|NP_002102.4|	2267	2281	6074	13.47	3.95	37.05	28.21	5.51	37.66	2.8	13.47
37	gi|90903231|ref|NP_002102.4|	2282	2296	6075	17.18	12.33	46.83	7.51	41.49	52.17	7.26	17.18
37	gi|90903231|ref|NP_002102.4|	2283	2297	6076	17.18	13.62	47.01	7.16	36.9	47.76	6.88	17.18
37	gi|90903231|ref|NP_002102.4|	2284	2298	6077	17.18	13.28	51.13	5.54	40.63	49.52	8.59	17.18
37	gi|90903231|ref|NP_002102.4|	2287	2301	6078	19.06	12.33	9.71	15.25	63.28	75.97	47.82	19.06
37	gi|90903231|ref|NP_002102.4|	2288	2302	6079	12.71	12.33	1.29	12.71	43.15	67.3	55.93	9.72
37	gi|90903231|ref|NP_002102.4|	2297	2311	6080	16.57	8.21	3.01	26.75	16.57	18.01	57.95	6.55
37	gi|90903231|ref|NP_002102.4|	2298	2312	6081	13.91	8.21	3.27	26.61	15.61	13.91	57.95	6.71
37	gi|90903231|ref|NP_002102.4|	2299	2313	6082	10.76	8.21	3.27	25.78	13.53	10.76	57.95	6.42
37	gi|90903231|ref|NP_002102.4|	2300	2314	6083	11.52	8.21	3.27	25.65	15.73	11.52	57.95	6.44
37	gi|90903231|ref|NP_002102.4|	2301	2315	6084	16.27	8.21	3.27	27.23	19.2	16.27	57.34	8.09
37	gi|90903231|ref|NP_002102.4|	2302	2316	6085	19.19	8.21	19.9	19.19	12.45	30.58	61.02	16.99
37	gi|90903231|ref|NP_002102.4|	2303	2317	6086	12.45	5.93	17.42	7.14	12.45	69.73	29.24	9.34
37	gi|90903231|ref|NP_002102.4|	2304	2318	6087	17.42	20.04	17.42	7.26	12.45	84.64	22.16	12.46
37	gi|90903231|ref|NP_002102.4|	2305	2319	6088	12.45	14.71	17.42	7.14	12.45	77.45	11.65	11.38
37	gi|90903231|ref|NP_002102.4|	2306	2320	6089	12.45	14.09	17.42	7.82	12.45	70.52	9.57	11.28
37	gi|90903231|ref|NP_002102.4|	2307	2321	6090	12.45	14.3	17.42	3.31	12.45	66.45	8.16	8.88

Table 2

37	gi|90903231|ref|NP_002102.4|	2308	2322	6091	14.58	23.39	17.42	4.64	7.22	57.37	8.16	14.58
37	gi|90903231|ref|NP_002102.4|	2309	2323	6092	7.1	5.63	17.42	4.77	7.22	30.3	7.1	2.68
37	gi|90903231|ref|NP_002102.4|	2310	2324	6093	12.33	12.33	34.15	5.86	7.22	23.45	6.78	12.84
37	gi|90903231|ref|NP_002102.4|	2311	2325	6094	8.98	8.98	34.15	6.34	7.22	21.49	3.5	12.84
37	gi|90903231|ref|NP_002102.4|	2312	2326	6095	12.84	8.98	34.15	13.61	7.22	21.81	2.99	12.84
37	gi|90903231|ref|NP_002102.4|	2313	2327	6096	12.84	8.98	34.15	15.69	7.22	22.22	2.67	12.84
37	gi|90903231|ref|NP_002102.4|	2314	2328	6097	12.84	8.98	33.84	32.48	7.22	24.35	5.64	12.84
37	gi|90903231|ref|NP_002102.4|	2353	2367	6098	18.81	18.81	11.17	41.64	27.72	18.81	45.85	13.66
37	gi|90903231|ref|NP_002102.4|	2354	2368	6099	18.81	18.81	14.21	47.81	28.49	16.46	45.85	13.94
37	gi|90903231|ref|NP_002102.4|	2355	2369	6100	18.81	18.81	15.73	40.63	29.44	18.78	37.06	13.77
37	gi|90903231|ref|NP_002102.4|	2363	2377	6101	19.08	6.66	24.58	9.17	46.26	42.99	15.24	19.08
37	gi|90903231|ref|NP_002102.4|	2364	2378	6102	19.08	6.66	21.87	9.17	43.37	29.13	11.47	19.08
37	gi|90903231|ref|NP_002102.4|	2365	2379	6103	19.08	10.89	30.87	9.17	47.22	28.87	10.44	19.08
37	gi|90903231|ref|NP_002102.4|	2366	2380	6104	7.1	10.89	5.59	6.78	54.73	22.41	7.1	1.54
37	gi|90903231|ref|NP_002102.4|	2367	2381	6105	7.96	10.89	6.38	7.92	60.72	18.03	7.96	1.54
37	gi|90903231|ref|NP_002102.4|	2368	2382	6106	13.57	10.89	7.02	13.93	68.83	13.57	13.62	1.54
37	gi|90903231|ref|NP_002102.4|	2369	2383	6107	12.86	12.86	8.85	12.15	75.22	14.45	15.09	1.54
37	gi|90903231|ref|NP_002102.4|	2370	2384	6108	14.98	6.47	11.21	14.98	75.22	16.56	17.62	1.54
37	gi|90903231|ref|NP_002102.4|	2372	2386	6109	15.82	8.57	15.82	14.98	75.22	28.33	21.12	1.54
37	gi|90903231|ref|NP_002102.4|	2384	2398	6110	14.38	14.38	27.86	4.75	53.67	17.35	8.04	7.95
37	gi|90903231|ref|NP_002102.4|	2385	2399	6111	12.81	16.01	20.88	6.2	12.81	15.22	3.31	7.95
37	gi|90903231|ref|NP_002102.4|	2386	2400	6112	12.81	16.54	20.88	6.29	12.81	14.95	2.81	7.95
37	gi|90903231|ref|NP_002102.4|	2387	2401	6113	7.95	2.97	12.17	5.01	12.81	14.92	5.11	7.95
37	gi|90903231|ref|NP_002102.4|	2388	2402	6114	12.17	0.98	12.17	4.62	12.81	13.1	3.17	17.02
37	gi|90903231|ref|NP_002102.4|	2389	2403	6115	6.2	0.98	12.17	6.2	12.81	8.38	1.57	6.18
37	gi|90903231|ref|NP_002102.4|	2390	2404	6116	6.12	0.98	12.17	4.91	12.81	6.12	1.07	6.18
37	gi|90903231|ref|NP_002102.4|	2391	2405	6117	5.41	0.98	12.17	4.02	12.81	5.41	1.32	5.42
37	gi|90903231|ref|NP_002102.4|	2392	2406	6118	3.57	0.98	3.57	2.73	25.68	3.92	2.62	5.42
37	gi|90903231|ref|NP_002102.4|	2393	2407	6119	2.76	0.98	2.99	2.01	18.52	2.76	1.83	5.42
37	gi|90903231|ref|NP_002102.4|	2394	2408	6120	2.88	0.98	4.47	2.4	17.88	2.88	1.35	5.42
37	gi|90903231|ref|NP_002102.4|	2395	2409	6121	3.52	3.01	6.54	2.64	22.24	3.52	2.17	5.42
37	gi|90903231|ref|NP_002102.4|	2396	2410	6122	5.34	4.7	10.21	3.66	24.26	5.34	2.21	5.42
37	gi|90903231|ref|NP_002102.4|	2397	2411	6123	5.42	4.7	14.01	5.01	28.73	9.08	1.98	5.42
37	gi|90903231|ref|NP_002102.4|	2398	2412	6124	5.78	4.7	14.01	5.78	33.1	13.94	2.84	0.91
37	gi|90903231|ref|NP_002102.4|	2399	2413	6125	9.48	5.69	29.72	9.1	34.29	19.7	9.48	0.95
37	gi|90903231|ref|NP_002102.4|	2402	2416	6126	12.67	6.33	9.24	12.67	45.91	27.04	52.31	1.08
37	gi|90903231|ref|NP_002102.4|	2403	2417	6127	16.73	6.19	9.07	16.73	51.13	20.15	49.06	3.46
37	gi|90903231|ref|NP_002102.4|	2404	2418	6128	13.33	5.93	6.84	14.46	30.87	13.33	54.81	1.11
37	gi|90903231|ref|NP_002102.4|	2405	2419	6129	11.16	11.16	9.32	16.89	33.32	9.33	65.26	4.34
37	gi|90903231|ref|NP_002102.4|	2406	2420	6130	14.6	14.6	10.67	17.66	30.27	6.35	62.26	4.34
37	gi|90903231|ref|NP_002102.4|	2407	2421	6131	17.49	27.36	15.91	17.49	32.78	8	39.78	4.34
37	gi|90903231|ref|NP_002102.4|	2442	2456	6132	19.95	12.97	27.84	19.95	0.36	29.3	30.1	15.91
37	gi|90903231|ref|NP_002102.4|	2443	2457	6133	19.04	12.97	27.84	19.04	0.36	26.41	30.1	14.85
37	gi|90903231|ref|NP_002102.4|	2444	2458	6134	17.08	12.97	27.84	17.08	0.35	22.41	25.82	13.23
37	gi|90903231|ref|NP_002102.4|	2445	2459	6135	13.55	12.97	24.09	13.55	0.35	14.95	27.17	12.96
37	gi|90903231|ref|NP_002102.4|	2446	2460	6136	10.55	10.72	11.48	9.76	2.17	10.55	20.82	8.42
37	gi|90903231|ref|NP_002102.4|	2447	2461	6137	8.03	10.65	13.83	7.45	0.03	8.03	18.16	6.18
37	gi|90903231|ref|NP_002102.4|	2448	2462	6138	9.85	16.89	13.66	9.85	5.84	7.34	17.41	6.18

Table 2

37	gi|90903231|ref|NP_002102.4|	2449	2463	6139	9.08	17.13	20.05	9.08	5.72	6.57	14.62	5.79
37	gi|90903231|ref|NP_002102.4|	2450	2464	6140	11.6	31.38	25.55	11.6	5.64	8.12	19.36	5.79
37	gi|90903231|ref|NP_002102.4|	2451	2465	6141	14.35	33.88	30.03	14.35	8.86	11.82	25.55	5.79
37	gi|90903231|ref|NP_002102.4|	2452	2466	6142	19.45	3.67	19.45	21.82	13.12	21.91	26.76	5.79
37	gi|90903231|ref|NP_002102.4|	2463	2477	6143	18.07	30.3	2.6	45.49	18.07	18.01	70.94	8.92
37	gi|90903231|ref|NP_002102.4|	2469	2483	6144	17.55	23.71	17.55	9.68	56.9	44.42	2.34	12.72
37	gi|90903231|ref|NP_002102.4|	2470	2484	6145	8.87	5.24	17.45	5.86	46.03	31.04	1.4	8.87
37	gi|90903231|ref|NP_002102.4|	2471	2485	6146	9.67	5.24	23.85	5.82	45.65	27.79	1.02	9.67
37	gi|90903231|ref|NP_002102.4|	2472	2486	6147	10.31	5.24	29.71	5.91	47.47	26.07	0.65	10.31
37	gi|90903231|ref|NP_002102.4|	2473	2487	6148	12.43	5.24	36.66	7.34	50.57	29.48	0.62	12.43
37	gi|90903231|ref|NP_002102.4|	2474	2488	6149	13.31	5.24	45.27	10.63	57.8	38	0.68	13.31
37	gi|90903231|ref|NP_002102.4|	2494	2508	6150	19.19	29.8	10.72	17.27	19.19	33.51	1.38	24.54
37	gi|90903231|ref|NP_002102.4|	2495	2509	6151	18.27	18.27	13.25	16.6	19.19	24.7	0.8	20.74
37	gi|90903231|ref|NP_002102.4|	2496	2510	6152	12.17	12.17	14.05	9.74	19.19	22.39	0.51	12.01
37	gi|90903231|ref|NP_002102.4|	2497	2511	6153	11.58	11.58	11.6	8.73	19.19	19.47	0.34	10.81
37	gi|90903231|ref|NP_002102.4|	2498	2512	6154	8.41	4.6	7.65	8.41	19.19	21.44	0.28	9.24
37	gi|90903231|ref|NP_002102.4|	2499	2513	6155	2.91	3.37	1.2	1.31	19.19	18.38	0.2	2.91
37	gi|90903231|ref|NP_002102.4|	2500	2514	6156	2.89	3.38	1.8	1.37	19.19	18.9	0.2	2.89
37	gi|90903231|ref|NP_002102.4|	2501	2515	6157	3.07	4.37	2.81	1.45	52.26	18.81	1.67	3.07
37	gi|90903231|ref|NP_002102.4|	2502	2516	6158	4.05	4.37	4.05	1.37	25.62	20.98	2.69	2.93
37	gi|90903231|ref|NP_002102.4|	2503	2517	6159	5.82	8.29	5.82	1.29	25.62	26.32	3.82	3.1
37	gi|90903231|ref|NP_002102.4|	2504	2518	6160	8.29	8.29	7.58	3.38	25.62	38.22	8.99	6.94
37	gi|90903231|ref|NP_002102.4|	2505	2519	6161	9.32	4.37	9.32	3.04	25.62	58.55	9.94	7.33
37	gi|90903231|ref|NP_002102.4|	2506	2520	6162	9.94	4.37	2.63	7.47	25.62	56.15	9.94	15.91
37	gi|90903231|ref|NP_002102.4|	2507	2521	6163	9.94	4.37	3.45	7.47	25.62	40.61	9.94	15.91
37	gi|90903231|ref|NP_002102.4|	2508	2522	6164	9.94	4.37	5.91	7.47	25.62	36.93	9.94	15.91
37	gi|90903231|ref|NP_002102.4|	2509	2523	6165	10.81	4.37	9.18	9.3	35.79	36.51	10.81	15.98
37	gi|90903231|ref|NP_002102.4|	2510	2524	6166	14	4.37	12.83	14	35.79	41.08	13.72	19.77
37	gi|90903231|ref|NP_002102.4|	2511	2525	6167	18.31	4.91	13.91	12.23	35.79	50.81	18.31	35.1
37	gi|90903231|ref|NP_002102.4|	2533	2547	6168	19.26	10.25	37.22	19.26	17.08	21.81	36.43	7.34
37	gi|90903231|ref|NP_002102.4|	2534	2548	6169	17.08	10.25	37.22	19.26	17.08	15.3	32.96	7.64
37	gi|90903231|ref|NP_002102.4|	2535	2549	6170	17.08	10.25	23.81	18.41	17.08	12.13	32.94	5.65
37	gi|90903231|ref|NP_002102.4|	2536	2550	6171	17.08	10.25	23.81	17.39	17.08	13.09	48.61	5.8
37	gi|90903231|ref|NP_002102.4|	2537	2551	6172	19.26	10.25	23.81	19.26	17.08	19.48	45.24	9.22
37	gi|90903231|ref|NP_002102.4|	2538	2552	6173	17.08	10.47	16.35	19.26	17.08	28.02	40.63	8.96
37	gi|90903231|ref|NP_002102.4|	2539	2553	6174	16.35	20.56	16.35	9.64	17.08	14.14	47.06	2.24
37	gi|90903231|ref|NP_002102.4|	2540	2554	6175	16.35	20.56	16.35	10.06	63.55	9.25	29.14	2.24
37	gi|90903231|ref|NP_002102.4|	2541	2555	6176	16.35	20.56	16.35	9.62	39.36	5.12	16.83	2.24
37	gi|90903231|ref|NP_002102.4|	2542	2556	6177	9.08	20.56	16.35	9.08	36.26	3.93	6.52	2.24
37	gi|90903231|ref|NP_002102.4|	2543	2557	6178	4.34	12.86	16.35	4.34	35.17	3.53	3.56	2.24
37	gi|90903231|ref|NP_002102.4|	2544	2558	6179	5.48	12.86	16.35	5.39	35.68	5.48	2.77	2.24
37	gi|90903231|ref|NP_002102.4|	2545	2559	6180	8.01	4.52	29.24	8.01	42.17	17.1	2.41	2.24
37	gi|90903231|ref|NP_002102.4|	2546	2560	6181	15.62	4.5	28.1	5.61	46.78	32.78	0.81	15.62
37	gi|90903231|ref|NP_002102.4|	2547	2561	6182	16.27	4.46	29.24	5.61	49.17	35.72	0.83	16.27
37	gi|90903231|ref|NP_002102.4|	2554	2568	6183	16.43	4.01	54.21	16.43	42.58	23.1	7.79	5.42
37	gi|90903231|ref|NP_002102.4|	2555	2569	6184	16.43	4.01	57.36	16.43	44.19	24.86	7.29	5.42
37	gi|90903231|ref|NP_002102.4|	2556	2570	6185	19.97	19.97	42.71	16.43	44.19	25.39	8.39	5.42
37	gi|90903231|ref|NP_002102.4|	2587	2601	6186	17.8	3.11	14.43	18.71	75.22	33.88	15.16	17.8

Table 2

37	gi|90903231|ref|NP_002102.4|	2588	2602	6187	17.8	2.02	19.42	17.49	60.17	18.32	7.75	17.8
37	gi|90903231|ref|NP_002102.4|	2589	2603	6188	16.92	1.37	21.54	16.92	53.21	11.74	4.36	17.8
37	gi|90903231|ref|NP_002102.4|	2590	2604	6189	17.8	1.42	28.6	18.17	49.64	11.58	1.99	17.8
37	gi|90903231|ref|NP_002102.4|	2591	2605	6190	17.8	2.92	35.2	19.06	46.54	14.19	1.86	17.8
37	gi|90903231|ref|NP_002102.4|	2592	2606	6191	18.42	3.62	38.02	28.9	32.18	18.42	1.58	17.8
37	gi|90903231|ref|NP_002102.4|	2593	2607	6192	15.88	3.62	53	15.88	32.18	18.8	1.9	8.92
37	gi|90903231|ref|NP_002102.4|	2594	2608	6193	15.38	4.29	44.75	15.38	32.18	20.57	1.91	8.92
37	gi|90903231|ref|NP_002102.4|	2595	2609	6194	11.63	4.29	34.86	13.21	32.18	11.63	2.14	8.92
37	gi|90903231|ref|NP_002102.4|	2596	2610	6195	10.3	4.29	42.35	13.59	32.18	10.3	2.5	8.92
37	gi|90903231|ref|NP_002102.4|	2597	2611	6196	10.77	4.29	45.62	13.3	32.18	10.77	4.26	8.92
37	gi|90903231|ref|NP_002102.4|	2598	2612	6197	11.8	4.29	46.87	22.86	32.18	11.8	4.81	8.92
37	gi|90903231|ref|NP_002102.4|	2609	2623	6198	13.64	29.33	31.39	13.64	47.09	12.06	9.26	11.76
37	gi|90903231|ref|NP_002102.4|	2610	2624	6199	12.23	28.88	11.62	13.69	45.77	7.49	8.42	12.23
37	gi|90903231|ref|NP_002102.4|	2611	2625	6200	14.77	28.17	13.12	15.69	42.6	6.12	7.81	14.77
37	gi|90903231|ref|NP_002102.4|	2612	2626	6201	12.17	27.7	8.6	12.17	45.24	6.79	6.88	12.23
37	gi|90903231|ref|NP_002102.4|	2613	2627	6202	13.72	17.01	13.72	9.87	46.33	11.03	9.1	15.48
37	gi|90903231|ref|NP_002102.4|	2614	2628	6203	16.96	16.96	16.7	13.16	46.63	25.1	19.91	16.01
37	gi|90903231|ref|NP_002102.4|	2615	2629	6204	18.38	17.41	16.7	12.04	61.72	48.87	25.61	18.38
37	gi|90903231|ref|NP_002102.4|	2616	2630	6205	19.33	17.66	16.7	12.21	59.19	62.18	40.98	19.33
37	gi|90903231|ref|NP_002102.4|	2664	2678	6206	17.53	12.14	10.84	17.59	26.18	47.86	17.53	14.98
37	gi|90903231|ref|NP_002102.4|	2665	2679	6207	17.23	12.14	14.95	17.72	25.85	45.08	17.23	14.93
37	gi|90903231|ref|NP_002102.4|	2666	2680	6208	15.07	12.14	15.07	16.6	24.59	42.32	10.03	13.91
37	gi|90903231|ref|NP_002102.4|	2667	2681	6209	16.13	13.18	17.29	16.13	27.89	42.59	8.35	13.86
37	gi|90903231|ref|NP_002102.4|	2668	2682	6210	19.62	19.88	19.62	14.21	35.51	47.48	6.89	16.44
37	gi|90903231|ref|NP_002102.4|	2670	2684	6211	12.2	12.2	40.35	12.43	3.84	38.08	7.13	6.18
37	gi|90903231|ref|NP_002102.4|	2671	2685	6212	9.19	24.36	9.19	2.54	3.53	30.09	13.7	6.18
37	gi|90903231|ref|NP_002102.4|	2672	2686	6213	6.75	14.73	6.75	0.27	3.36	22.54	10.76	6.18
37	gi|90903231|ref|NP_002102.4|	2673	2687	6214	9.39	13.84	9.39	0.28	3.57	22.43	9.9	6.18
37	gi|90903231|ref|NP_002102.4|	2674	2688	6215	6.18	6.18	11.77	0.28	5.17	22.44	15.89	6.18
37	gi|90903231|ref|NP_002102.4|	2675	2689	6216	7.92	6.18	12.76	0.3	7.92	25.04	26.01	6.18
37	gi|90903231|ref|NP_002102.4|	2676	2690	6217	12.33	6.18	12.76	0.81	12.33	38.02	22.31	6.18
37	gi|90903231|ref|NP_002102.4|	2677	2691	6218	18.84	18.84	3.66	1.57	52.71	36.72	19.52	8.81
37	gi|90903231|ref|NP_002102.4|	2678	2692	6219	12.15	6.18	12.15	6.27	52.71	21.77	30.94	2.92
37	gi|90903231|ref|NP_002102.4|	2679	2693	6220	5.98	4.77	6.81	5.68	52.71	5.98	53.95	2.92
37	gi|90903231|ref|NP_002102.4|	2680	2694	6221	4.77	4.77	3.68	5.93	52.71	2.07	52.09	2.92
37	gi|90903231|ref|NP_002102.4|	2681	2695	6222	4.77	4.77	3.85	14.27	61.15	2.36	56.89	2.92
37	gi|90903231|ref|NP_002102.4|	2682	2696	6223	4.77	4.77	3.84	14.55	75.22	2.43	51.9	2.92
37	gi|90903231|ref|NP_002102.4|	2683	2697	6224	4.77	4.77	3.8	15.74	23.01	3.71	66.14	2.92
37	gi|90903231|ref|NP_002102.4|	2684	2698	6225	11.4	4.77	5.47	15.74	23.01	11.4	47.67	2.92
37	gi|90903231|ref|NP_002102.4|	2685	2699	6226	16.43	4.77	2.55	16.43	23.01	26.92	18.88	4.69
37	gi|90903231|ref|NP_002102.4|	2691	2705	6227	8.71	0.11	3.63	8.01	23.86	23.78	8.71	13.4
37	gi|90903231|ref|NP_002102.4|	2692	2706	6228	9.68	0.07	16.7	8.01	16.82	9.68	5.99	11.66
37	gi|90903231|ref|NP_002102.4|	2693	2707	6229	5.67	0.07	5.67	8.01	15.16	5.22	3.68	11.66
37	gi|90903231|ref|NP_002102.4|	2694	2708	6230	4.01	0.07	4.01	8.01	14.23	3.98	2.74	11.66
37	gi|90903231|ref|NP_002102.4|	2695	2709	6231	4.17	0.07	4.17	8.01	14.38	4.01	3.67	11.66
37	gi|90903231|ref|NP_002102.4|	2696	2710	6232	5.92	0.16	5.67	5.61	22.93	5.92	7.26	9.44
37	gi|90903231|ref|NP_002102.4|	2697	2711	6233	8.34	0.41	5.67	6.18	31.72	13.45	8.34	9.44
37	gi|90903231|ref|NP_002102.4|	2698	2712	6234	6.62	1.04	5.67	6.62	45.21	30.38	4.44	9.62

Table 2

37	gi|90903231|ref|NP_002102.4|	2699	2713	6235	11.6	2.05	5.67	11.6	46.04	47.43	4.4	21.15
37	gi|90903231|ref|NP_002102.4|	2700	2714	6236	12.42	2.14	12.42	9.34	44.01	57.3	6.3	15.02
37	gi|90903231|ref|NP_002102.4|	2701	2715	6237	15.6	5.47	25.76	12.3	43.6	63.64	8.97	15.6
37	gi|90903231|ref|NP_002102.4|	2702	2716	6238	13.69	0.22	29.73	12.46	31.11	56	9.87	13.69
37	gi|90903231|ref|NP_002102.4|	2703	2717	6239	13.78	1.28	30.21	13.01	30	54.7	9.42	13.78
37	gi|90903231|ref|NP_002102.4|	2704	2718	6240	16.39	1.18	37.73	16.39	29.77	54.49	10.18	15.74
37	gi|90903231|ref|NP_002102.4|	2713	2727	6241	15.72	15.72	36.91	15.04	27.55	55.98	15.63	5.79
37	gi|90903231|ref|NP_002102.4|	2714	2728	6242	15.72	15.72	52.33	15.04	27.55	57.25	14.26	5.79
37	gi|90903231|ref|NP_002102.4|	2715	2729	6243	9.62	8.91	4.94	12.73	27.55	53.76	9.62	2.88
37	gi|90903231|ref|NP_002102.4|	2716	2730	6244	8.76	7.12	6.03	12.45	27.55	33.59	8.76	2.44
37	gi|90903231|ref|NP_002102.4|	2717	2731	6245	11.77	7.12	8.2	11.85	27.55	12.76	11.77	0.78
37	gi|90903231|ref|NP_002102.4|	2718	2732	6246	7.12	7.12	6.5	17.06	27.55	5.45	12.15	0.78
37	gi|90903231|ref|NP_002102.4|	2719	2733	6247	8.75	7.12	8.75	17.15	27.55	3.93	12.46	0.63
37	gi|90903231|ref|NP_002102.4|	2720	2734	6248	11.85	7.12	11.85	21.99	28.82	4.59	14.6	0.69
37	gi|90903231|ref|NP_002102.4|	2721	2735	6249	13.85	7.12	15.2	24.34	27.44	5.07	13.85	0.78
37	gi|90903231|ref|NP_002102.4|	2763	2777	6250	18.25	13.72	31.67	15.74	67.31	18.25	20.08	6.43
37	gi|90903231|ref|NP_002102.4|	2764	2778	6251	15.74	9.11	23.3	15.74	67.31	12.73	18.19	9.03
37	gi|90903231|ref|NP_002102.4|	2765	2779	6252	15.74	9.55	24.24	15.74	67.31	14.56	17.44	12.39
37	gi|90903231|ref|NP_002102.4|	2766	2780	6253	19.99	10.46	24.24	19.99	67.31	19.12	24.4	18.44
37	gi|90903231|ref|NP_002102.4|	2768	2782	6254	18.15	1.82	20.48	10.38	74.77	18.15	24.54	6.38
37	gi|90903231|ref|NP_002102.4|	2769	2783	6255	19.55	1.96	20.48	15.02	74.8	19.55	21.86	6.15
37	gi|90903231|ref|NP_002102.4|	2770	2784	6256	18.89	2.01	20.48	15.06	72.66	18.89	24.75	6.07
37	gi|90903231|ref|NP_002102.4|	2771	2785	6257	19.14	2	20.48	16.84	74.2	19.14	38.91	5.97
37	gi|90903231|ref|NP_002102.4|	2784	2798	6258	18.52	12.75	28.22	32.94	10.36	73.27	10.21	18.52
37	gi|90903231|ref|NP_002102.4|	2785	2799	6259	18.87	9.54	34.41	33.8	9.35	72.22	7.2	18.87
37	gi|90903231|ref|NP_002102.4|	2786	2800	6260	18.97	9.61	41.6	35.95	8.99	69.43	5.94	18.97
37	gi|90903231|ref|NP_002102.4|	2798	2812	6261	15.61	20.67	12.14	4.06	43.74	54.43	15.61	8.92
37	gi|90903231|ref|NP_002102.4|	2799	2813	6262	10.27	17.61	10.27	2.35	33.83	34.53	10.25	8.92
37	gi|90903231|ref|NP_002102.4|	2800	2814	6263	13.39	15.77	13.39	2.13	34.17	27.42	9.03	8.92
37	gi|90903231|ref|NP_002102.4|	2801	2815	6264	8.92	1.77	18.41	2.01	17.03	21.26	8.82	8.92
37	gi|90903231|ref|NP_002102.4|	2802	2816	6265	8.92	1.77	22.75	1.69	14.32	17.28	8.44	8.92
37	gi|90903231|ref|NP_002102.4|	2803	2817	6266	9.36	1.4	30.61	3.56	13.79	18.51	9.36	8.92
37	gi|90903231|ref|NP_002102.4|	2804	2818	6267	9.59	1.51	37.84	3.98	14.51	22.92	9.59	8.92
37	gi|90903231|ref|NP_002102.4|	2805	2819	6268	11.97	1.77	11.97	8.01	12.52	18.42	13.72	2.68
37	gi|90903231|ref|NP_002102.4|	2806	2820	6269	13	1.77	13	8.01	13.56	14.5	37.07	2.68
37	gi|90903231|ref|NP_002102.4|	2807	2821	6270	11.11	1.77	15.53	8.01	14.13	11.11	36.84	2.68
37	gi|90903231|ref|NP_002102.4|	2808	2822	6271	11.55	3.31	19.11	10.79	13.84	11.55	34.52	3.24
37	gi|90903231|ref|NP_002102.4|	2809	2823	6272	12.3	3.31	17.91	12.3	23.54	10.85	30.14	3.33
37	gi|90903231|ref|NP_002102.4|	2810	2824	6273	19.23	3.31	21.57	19.23	35.73	14.15	25.92	9.12
37	gi|90903231|ref|NP_002102.4|	2816	2830	6274	17.02	40.4	17.02	15.17	41.63	17.34	8.76	13.25
37	gi|90903231|ref|NP_002102.4|	2817	2831	6275	15.26	19.57	8.63	6.64	41.63	18.39	6.76	15.26
37	gi|90903231|ref|NP_002102.4|	2818	2832	6276	11.66	11.66	7.55	9.08	41.63	18.85	4.13	21.87
37	gi|90903231|ref|NP_002102.4|	2819	2833	6277	8.42	8.42	5.96	5.88	38.55	14.08	2.67	15.26
37	gi|90903231|ref|NP_002102.4|	2820	2834	6278	8.16	8.16	5.81	6.08	35.89	10.19	2.27	19.74
37	gi|90903231|ref|NP_002102.4|	2821	2835	6279	8.18	8.18	6.62	6.41	35.74	10.54	1.88	19.74
37	gi|90903231|ref|NP_002102.4|	2822	2836	6280	10.95	10.02	9.53	10.95	35.94	11.19	1.62	19.74
37	gi|90903231|ref|NP_002102.4|	2823	2837	6281	11.88	11.88	11.77	10.85	43.71	16.17	2.67	19.74
37	gi|90903231|ref|NP_002102.4|	2825	2839	6282	7.77	7.3	40.01	15.04	5.06	53.9	7.77	6.82

Table 2

37	gi|90903231|ref|NP_002102.4|	2826	2840	6283	10.62	3.41	21.54	10.62	5.06	59.04	13.97	4.53
37	gi|90903231|ref|NP_002102.4|	2827	2841	6284	7.03	2.83	13.7	7.03	5.06	49.61	15.92	2
37	gi|90903231|ref|NP_002102.4|	2828	2842	6285	6.58	2.67	14.74	6.58	5.06	44.24	13.48	1.89
37	gi|90903231|ref|NP_002102.4|	2829	2843	6286	6.72	2.68	20.86	6.72	5.06	45.91	14.56	1.9
37	gi|90903231|ref|NP_002102.4|	2830	2844	6287	8.67	3.67	26.46	8.67	5.06	51.2	41.71	2.41
37	gi|90903231|ref|NP_002102.4|	2831	2845	6288	11.28	6.07	26.46	11.28	5.06	59.19	41.71	2.53
37	gi|90903231|ref|NP_002102.4|	2833	2847	6289	10.41	16.48	1.85	2.37	10.41	21.77	40.37	0.38
37	gi|90903231|ref|NP_002102.4|	2834	2848	6290	5.29	15.15	2.44	2.37	5.29	13.28	33.82	0.38
37	gi|90903231|ref|NP_002102.4|	2835	2849	6291	4.54	12.33	2.05	2.37	4.54	6.21	25.08	0.38
37	gi|90903231|ref|NP_002102.4|	2836	2850	6292	4.64	12.33	3.41	2.37	4.64	5	21.21	0.38
37	gi|90903231|ref|NP_002102.4|	2837	2851	6293	4.7	11.75	4.17	2.37	4.7	5.86	17.56	0.38
37	gi|90903231|ref|NP_002102.4|	2838	2852	6294	6.87	9.38	5.38	3.78	6.87	8.22	15.44	1.41
37	gi|90903231|ref|NP_002102.4|	2839	2853	6295	3.93	3.93	6.4	3.91	0.01	17.19	14.86	1.45
37	gi|90903231|ref|NP_002102.4|	2852	2866	6296	12.56	2.06	24.51	3.91	40.33	25.29	12.56	4.63
37	gi|90903231|ref|NP_002102.4|	2853	2867	6297	11.68	2.21	29.78	4.06	40.33	29.32	11.68	4.78
37	gi|90903231|ref|NP_002102.4|	2854	2868	6298	10.45	2.21	42.98	4.12	40.33	29.9	10.45	4.76
37	gi|90903231|ref|NP_002102.4|	2855	2869	6299	10.4	2.22	42.98	4.19	40.33	32.3	10.4	4.81
37	gi|90903231|ref|NP_002102.4|	2856	2870	6300	14.46	4.08	52.36	12.15	40.33	38.53	14.46	12.49
37	gi|90903231|ref|NP_002102.4|	2869	2883	6301	13.78	4.37	7.82	13.78	63.83	30.52	50.09	10.53
37	gi|90903231|ref|NP_002102.4|	2870	2884	6302	10.02	4.37	7.82	10.02	37.4	13.09	40.11	5.05
37	gi|90903231|ref|NP_002102.4|	2871	2885	6303	9.07	4.37	7.82	9.07	35.34	10.33	35.19	5.05
37	gi|90903231|ref|NP_002102.4|	2872	2886	6304	7.8	4.37	7.82	7.8	34.44	7.41	28.24	5.05
37	gi|90903231|ref|NP_002102.4|	2873	2887	6305	7.82	4.37	7.82	8.92	31.88	6.78	28.31	5.05
37	gi|90903231|ref|NP_002102.4|	2874	2888	6306	9.3	5.87	18.29	9.3	38.61	7.23	26.53	5.05
37	gi|90903231|ref|NP_002102.4|	2875	2889	6307	8.5	2.22	17.78	9.15	45.3	8.5	7.83	2.92
37	gi|90903231|ref|NP_002102.4|	2876	2890	6308	7.9	2.82	30.69	10.88	50.85	7.9	5.81	4.35
37	gi|90903231|ref|NP_002102.4|	2877	2891	6309	9.34	2.81	50.14	11.43	65.84	9.34	5.39	5.26
37	gi|90903231|ref|NP_002102.4|	2878	2892	6310	10.64	2.8	53.65	11.52	65.04	10.64	3.68	5.65
37	gi|90903231|ref|NP_002102.4|	2879	2893	6311	8.57	2.82	51	8.57	61.49	13.78	2.91	5.21
37	gi|90903231|ref|NP_002102.4|	2880	2894	6312	12.18	7.57	51	12.18	64.36	18.95	1.51	10.22
37	gi|90903231|ref|NP_002102.4|	2881	2895	6313	9.82	1.51	36.87	9.82	63.87	21.3	1.59	2.68
37	gi|90903231|ref|NP_002102.4|	2882	2896	6314	9.1	0.53	24.93	9.1	48.05	10.19	1.47	3.44
37	gi|90903231|ref|NP_002102.4|	2883	2897	6315	9.1	0.28	27.76	9.1	46.02	10.16	1.1	3.44
37	gi|90903231|ref|NP_002102.4|	2884	2898	6316	8.19	0.18	28.54	12.3	45.93	8.19	0.78	3.44
37	gi|90903231|ref|NP_002102.4|	2885	2899	6317	10.75	0.36	33.85	13.49	48.05	10.75	1.02	3.44
37	gi|90903231|ref|NP_002102.4|	2886	2900	6318	13.91	0.81	37.28	16.94	62.89	13.91	1.34	3.8
37	gi|90903231|ref|NP_002102.4|	2887	2901	6319	14.41	1.95	31.69	14.41	51.25	28.48	9.11	3.88
37	gi|90903231|ref|NP_002102.4|	2888	2902	6320	18.21	17.29	40.51	19.37	4.86	37.33	18.21	11.65
37	gi|90903231|ref|NP_002102.4|	2890	2904	6321	19.4	13.87	40.21	19.4	4.54	20.72	27.47	11.65
37	gi|90903231|ref|NP_002102.4|	2891	2905	6322	19.68	11.3	45.14	19.69	4.77	19.68	39.8	11.65
37	gi|90903231|ref|NP_002102.4|	2892	2906	6323	19.9	12.77	41.32	32.77	7.32	19.9	24.12	12.16
37	gi|90903231|ref|NP_002102.4|	2896	2910	6324	14.64	3.05	35.2	15.93	52.21	14.64	4.87	14.13
37	gi|90903231|ref|NP_002102.4|	2897	2911	6325	14.13	2.93	31.87	15.26	52.21	9.35	3.89	14.13
37	gi|90903231|ref|NP_002102.4|	2898	2912	6326	13.32	2.01	37.98	14.71	13.32	6.23	3.13	14.13
37	gi|90903231|ref|NP_002102.4|	2899	2913	6327	11.95	1.1	40.35	15.51	11.95	5.53	3.11	14.13
37	gi|90903231|ref|NP_002102.4|	2900	2914	6328	10.96	0.74	40.35	27.59	10.96	7.39	3.31	14.13
37	gi|90903231|ref|NP_002102.4|	2901	2915	6329	14.19	0.44	40.35	29.74	10.46	14.19	5.08	26.2
37	gi|90903231|ref|NP_002102.4|	2909	2923	6330	19.46	19.46	5.43	19.99	33.1	41.81	14.73	11.66

Table 2

37	gi|90903231|ref|NP_002102.4|	2911	2925	6331	15.56	13.04	3.88	15.56	33.1	30.46	14.73	29.3
37	gi|90903231|ref|NP_002102.4|	2912	2926	6332	14.73	14.41	3.88	9.43	33.1	31.54	14.73	21
37	gi|90903231|ref|NP_002102.4|	2913	2927	6333	14.73	14.41	3.88	9.58	33.1	37.8	14.73	21
37	gi|90903231|ref|NP_002102.4|	2915	2929	6334	14.73	4.29	28.91	10.14	33.1	64.04	14.73	7.89
37	gi|90903231|ref|NP_002102.4|	2948	2962	6335	12.25	1.42	33.15	12.25	29.73	42.38	9.23	8.42
37	gi|90903231|ref|NP_002102.4|	2949	2963	6336	9.74	1.42	24.8	9.74	29.73	16.24	9.23	8.42
37	gi|90903231|ref|NP_002102.4|	2950	2964	6337	9.27	1.42	26.41	9.36	28.07	9.27	9.23	8.79
37	gi|90903231|ref|NP_002102.4|	2951	2965	6338	10.51	1.42	29.83	10.92	26.01	10.51	6.71	8.93
37	gi|90903231|ref|NP_002102.4|	2952	2966	6339	11.56	1.42	33.15	11.56	23.36	9.95	5.47	13.88
37	gi|90903231|ref|NP_002102.4|	2953	2967	6340	18.42	1.42	28.3	21.19	26.55	12.76	5.12	18.42
37	gi|90903231|ref|NP_002102.4|	2956	2970	6341	18.02	0.64	28.6	25.28	19.23	18.02	15.1	5.79
37	gi|90903231|ref|NP_002102.4|	2957	2971	6342	12.12	0.62	35.84	24.56	18.01	9.35	12.12	5.79
37	gi|90903231|ref|NP_002102.4|	2958	2972	6343	10.93	0.66	28.3	20.09	17.91	9.65	10.93	5.79
37	gi|90903231|ref|NP_002102.4|	2959	2973	6344	10.83	0.67	28.3	21.09	17.42	9.63	10.83	5.79
37	gi|90903231|ref|NP_002102.4|	2971	2985	6345	16.27	14.13	4.83	20.98	10.91	39.74	16.27	19.74
37	gi|90903231|ref|NP_002102.4|	2972	2986	6346	3.36	7.5	3.27	3.36	10.91	23.44	2.99	2.74
37	gi|90903231|ref|NP_002102.4|	2973	2987	6347	3.27	7.5	3.27	2.68	10.91	21.04	0.91	2.87
37	gi|90903231|ref|NP_002102.4|	2974	2988	6348	3.27	7.46	3.27	2.25	13.03	22.55	0.94	2.93
37	gi|90903231|ref|NP_002102.4|	2975	2989	6349	9.11	9.11	19.29	2.11	13.03	21.25	0.63	2.89
37	gi|90903231|ref|NP_002102.4|	2976	2990	6350	10.11	10.11	26.85	2.31	13.03	25.39	0.63	3
37	gi|90903231|ref|NP_002102.4|	2977	2991	6351	13.03	18.37	39.25	5.61	13.03	40.61	1.33	9.12
37	gi|90903231|ref|NP_002102.4|	2978	2992	6352	11.32	18.2	45.62	11.32	0.62	60.4	1.31	9.65
37	gi|90903231|ref|NP_002102.4|	2990	3004	6353	17.35	9.22	11.7	17.35	23.1	58.8	25.08	12.09
37	gi|90903231|ref|NP_002102.4|	2991	3005	6354	17.08	9.23	15.22	17.08	23.1	50.75	22.21	11.69
37	gi|90903231|ref|NP_002102.4|	2996	3010	6355	17.9	17.9	33.34	10.98	71.67	55.42	17.24	12.74
37	gi|90903231|ref|NP_002102.4|	2998	3012	6356	16.6	16.6	64.06	10.98	6.34	33.69	23.7	10.53
37	gi|90903231|ref|NP_002102.4|	2999	3013	6357	18.77	16.6	66.73	18.77	5.08	23.69	23.7	10.53
37	gi|90903231|ref|NP_002102.4|	3000	3014	6358	18.39	16.6	64.19	19.33	4.3	18.39	23.7	10.53
37	gi|90903231|ref|NP_002102.4|	3007	3021	6359	10.98	16.54	4.07	10.98	8.08	23.7	51.73	7.46
37	gi|90903231|ref|NP_002102.4|	3008	3022	6360	10.98	12.6	4.48	10.98	7.91	15.67	51.64	7.03
37	gi|90903231|ref|NP_002102.4|	3009	3023	6361	9.81	9.81	6.41	12.62	8.53	13.62	52.09	7.03
37	gi|90903231|ref|NP_002102.4|	3010	3024	6362	9.31	8.67	9.04	11.84	9.31	14.08	30.76	7.03
37	gi|90903231|ref|NP_002102.4|	3011	3025	6363	11.89	15.86	9.71	11.89	14.11	17.89	4.76	7.03
37	gi|90903231|ref|NP_002102.4|	3012	3026	6364	11.97	16.54	7.85	11.97	20.06	24.14	3.83	7.03
37	gi|90903231|ref|NP_002102.4|	3013	3027	6365	5.79	8.34	3.95	2.71	27.7	16.57	2.59	5.79
37	gi|90903231|ref|NP_002102.4|	3014	3028	6366	5.81	11.1	5.81	2.71	34.5	10.42	2.56	5.79
37	gi|90903231|ref|NP_002102.4|	3015	3029	6367	8.47	11.29	8.47	2.95	34.5	8.91	2.58	5.79
37	gi|90903231|ref|NP_002102.4|	3016	3030	6368	4.7	20.15	4.55	2.9	34.5	6.42	4.7	3.19
37	gi|90903231|ref|NP_002102.4|	3017	3031	6369	5.89	25.85	5.41	3.28	65.97	6.01	5.89	3.19
37	gi|90903231|ref|NP_002102.4|	3018	3032	6370	9.98	27.46	6.2	9.98	74.33	7.06	14.06	3.19
37	gi|90903231|ref|NP_002102.4|	3019	3033	6371	11.69	17.92	5.7	11.69	75.22	10.5	14.35	3.19
37	gi|90903231|ref|NP_002102.4|	3020	3034	6372	19.74	18.98	6.77	34.29	75.22	19.74	29.24	3.19
37	gi|90903231|ref|NP_002102.4|	3028	3042	6373	17.01	0.02	29.72	20.14	6.85	9.75	17.01	58.13
37	gi|90903231|ref|NP_002102.4|	3029	3043	6374	14.49	0.02	29.72	19.89	6.99	7.63	14.49	59.51
37	gi|90903231|ref|NP_002102.4|	3030	3044	6375	10.79	0.02	30.07	15.59	7.27	7.2	10.79	28.83
37	gi|90903231|ref|NP_002102.4|	3031	3045	6376	11.1	0.02	28.65	11.73	10.83	7.74	11.1	20.69
37	gi|90903231|ref|NP_002102.4|	3032	3046	6377	9.36	0.12	18.78	1.59	15.13	9.36	24.23	2.31
37	gi|90903231|ref|NP_002102.4|	3033	3047	6378	3.34	0.12	22.35	1.59	18.72	16.56	3.34	2.18

Table 2

37	gi|90903231|ref|NP_002102.4|	3034	3048	6379	3.47	1.38	25.74	1.12	28.66	17.28	3.47	2.04
37	gi|90903231|ref|NP_002102.4|	3035	3049	6380	4.14	1.38	30.32	0.85	28.66	12.93	4.14	2.02
37	gi|90903231|ref|NP_002102.4|	3036	3050	6381	6.39	1.38	36.49	1.16	28.66	15.8	6.39	2.12
37	gi|90903231|ref|NP_002102.4|	3037	3051	6382	7.15	1.43	19.52	3.14	28.66	15.45	7.15	4.98
37	gi|90903231|ref|NP_002102.4|	3038	3052	6383	14.22	6.16	20.15	4.02	28.66	21.34	14.22	5.5
37	gi|90903231|ref|NP_002102.4|	3039	3053	6384	16.12	13.72	9.04	28.78	28.66	19.85	16.12	5.83
37	gi|90903231|ref|NP_002102.4|	3040	3054	6385	17.32	17.32	10.91	36.59	36.84	15.75	36.51	12.23
37	gi|90903231|ref|NP_002102.4|	3045	3059	6386	19.59	22.46	16.35	19.59	29.37	34.99	16.08	18.44
37	gi|90903231|ref|NP_002102.4|	3048	3062	6387	16.35	12.14	16.35	18.14	10.91	40.19	16.23	23.26
37	gi|90903231|ref|NP_002102.4|	3055	3069	6388	19.97	19.97	5.65	15.16	34.04	33.79	60.12	11.73
37	gi|90903231|ref|NP_002102.4|	3056	3070	6389	9.44	12.14	1.22	14.56	3.55	7.44	56.97	9.44
37	gi|90903231|ref|NP_002102.4|	3057	3071	6390	6.9	11.41	0.94	8.99	3.04	2.43	54.28	6.9
37	gi|90903231|ref|NP_002102.4|	3058	3072	6391	4.93	11.41	1.02	8.57	2.98	1.5	47.46	4.93
37	gi|90903231|ref|NP_002102.4|	3059	3073	6392	4.1	11.41	1.31	15.42	3.14	1.5	49	4.1
37	gi|90903231|ref|NP_002102.4|	3060	3074	6393	6.17	11.41	1.73	16.43	5.2	2.1	57.97	6.17
37	gi|90903231|ref|NP_002102.4|	3061	3075	6394	9.04	12.14	2.53	16.43	7	5	71.08	9.04
37	gi|90903231|ref|NP_002102.4|	3062	3076	6395	16.43	18.85	7.23	16.43	7	38.08	71.08	9.97
37	gi|90903231|ref|NP_002102.4|	3065	3079	6396	19.65	23.67	19.65	8.01	7	36.13	29.43	6.45
37	gi|90903231|ref|NP_002102.4|	3066	3080	6397	10.44	23.68	20.07	8.01	7	28.16	10.44	6.43
37	gi|90903231|ref|NP_002102.4|	3067	3081	6398	9.98	9.71	20.07	8.01	9.98	21.56	10.65	5.62
37	gi|90903231|ref|NP_002102.4|	3068	3082	6399	10.08	2.63	25.1	4.16	16.1	16.63	10.08	5.42
37	gi|90903231|ref|NP_002102.4|	3069	3083	6400	10.08	2.81	25.13	4.75	25.91	18.16	10.08	4.77
37	gi|90903231|ref|NP_002102.4|	3070	3084	6401	10.08	2.76	25.13	8.28	36.16	21.86	10.08	6.55
37	gi|90903231|ref|NP_002102.4|	3071	3085	6402	10.08	2.41	15.32	8.18	56.9	22.54	10.08	5.68
37	gi|90903231|ref|NP_002102.4|	3072	3086	6403	10.56	2.56	15.32	10.56	64.39	24.41	10.08	7.95
37	gi|90903231|ref|NP_002102.4|	3073	3087	6404	12.36	4.29	15.32	12.2	58.51	27.02	12.36	7.95
37	gi|90903231|ref|NP_002102.4|	3074	3088	6405	15.32	4.35	15.32	15.85	58.51	31.86	9.51	10.75
37	gi|90903231|ref|NP_002102.4|	3075	3089	6406	15.32	8.34	15.32	20.85	58.51	40.83	8.08	12.09
37	gi|90903231|ref|NP_002102.4|	3087	3101	6407	15.12	9	8.37	15.12	15.91	60.43	48.72	6.02
37	gi|90903231|ref|NP_002102.4|	3088	3102	6408	15.25	8.98	10.01	15.25	16.3	38.37	33.56	5.15
37	gi|90903231|ref|NP_002102.4|	3089	3103	6409	13.34	8.98	13.34	12.67	17.54	25.1	33.56	5.12
37	gi|90903231|ref|NP_002102.4|	3090	3104	6410	13.13	7.42	17.75	10.89	13.13	18.88	33.56	5.05
37	gi|90903231|ref|NP_002102.4|	3091	3105	6411	12.95	6.04	22.35	12.95	12.67	16.1	33.56	5.23
37	gi|90903231|ref|NP_002102.4|	3092	3106	6412	12.95	6.92	27.78	12.95	11.99	19.02	33.56	6.97
37	gi|90903231|ref|NP_002102.4|	3093	3107	6413	17.86	10.94	36.56	17.86	11.36	26.53	45.82	9.61
37	gi|90903231|ref|NP_002102.4|	3114	3128	6414	15.89	4.77	18.73	13.27	15.89	48.55	44.35	4.59
37	gi|90903231|ref|NP_002102.4|	3115	3129	6415	15.26	4.77	21.94	12.84	15.26	31.82	42.06	5.05
37	gi|90903231|ref|NP_002102.4|	3116	3130	6416	15.4	4.77	25.11	15.4	14.92	23.89	39.45	5.33
37	gi|90903231|ref|NP_002102.4|	3117	3131	6417	15.87	4.77	23.67	15.87	13.2	18.62	42.22	6.59
37	gi|90903231|ref|NP_002102.4|	3125	3139	6418	15.21	8.94	26.46	15.21	52.54	1.81	31.4	0.78
37	gi|90903231|ref|NP_002102.4|	3126	3140	6419	9.89	8.77	26.46	9.89	59.35	1.74	20.85	0.78
37	gi|90903231|ref|NP_002102.4|	3127	3141	6420	9.75	8.96	26.46	9.75	63.69	2.1	19.33	0.78
37	gi|90903231|ref|NP_002102.4|	3128	3142	6421	9.85	7.76	26.46	9.85	58.03	4.52	16.61	0.78
37	gi|90903231|ref|NP_002102.4|	3129	3143	6422	11.26	6.6	31.99	12.39	63.47	11.26	11.1	1.8
37	gi|90903231|ref|NP_002102.4|	3130	3144	6423	14.38	10.84	34.95	14.38	63.47	14.09	15.57	1.8
38	gi|4586876|dbj|BAA36753.1|	1	15	6424	13.11	10.92	34.66	17.93	13.11	26.29	11.67	6.18
38	gi|4586876|dbj|BAA36753.1|	2	16	6425	11.67	10.92	34.66	2.58	16.71	14.15	11.67	9.48
38	gi|4586876|dbj|BAA36753.1|	3	17	6426	10.15	10.15	34.66	2.46	13.11	8.01	11.67	7.51

Table 2

38	gi|4586876|dbj|BAA36753.1|	4	18	6427	7.73	7.73	34.66	2.71	13.11	6.73	13.07	5.77
38	gi|4586876|dbj|BAA36753.1|	5	19	6428	10.92	10.92	15.46	2.48	13.11	5.8	14.86	2.68
38	gi|4586876|dbj|BAA36753.1|	6	20	6429	10.92	10.92	17.73	2.66	31.73	4.95	14.46	2.68
38	gi|4586876|dbj|BAA36753.1|	7	21	6430	10.92	10.92	21.65	7.32	35.52	7.88	18.08	2.68
38	gi|4586876|dbj|BAA36753.1|	8	22	6431	12.63	14.28	25.06	7.74	35.52	12.63	3.02	2.68
38	gi|4586876|dbj|BAA36753.1|	106	120	6432	16.53	3.38	24	16.53	40.47	18.75	4.59	14
38	gi|4586876|dbj|BAA36753.1|	107	121	6433	19.22	3.51	28.08	21.83	53.27	19.22	4.43	14.56
38	gi|4586876|dbj|BAA36753.1|	117	131	6434	16.5	16.5	8.9	8.61	46.92	36.28	22.79	1.16
38	gi|4586876|dbj|BAA36753.1|	118	132	6435	18.78	31.94	12.91	8.65	46.92	30.58	18.78	1.54
38	gi|4586876|dbj|BAA36753.1|	119	133	6436	15.52	20.18	11.01	7.96	46.92	24.39	15.52	1.54
38	gi|4586876|dbj|BAA36753.1|	120	134	6437	11.28	15.45	8.97	4.75	37.18	22.3	11.28	1.54
38	gi|4586876|dbj|BAA36753.1|	121	135	6438	9.67	9.61	9.67	4.37	30.95	25.1	12.63	1.54
38	gi|4586876|dbj|BAA36753.1|	122	136	6439	9.61	9.61	11.1	6.08	27.18	33.24	7.06	1.69
38	gi|4586876|dbj|BAA36753.1|	123	137	6440	9.61	9.61	14.79	6.24	25.11	49.42	7.06	1.69
38	gi|4586876|dbj|BAA36753.1|	124	138	6441	9.61	9.61	27.88	7.67	31.19	63.17	7.06	8.57
38	gi|4586876|dbj|BAA36753.1|	125	139	6442	12.59	9.61	34.5	12.59	31.32	74.28	7.06	9.76
38	gi|4586876|dbj|BAA36753.1|	148	162	6443	15.76	6.03	17.45	15.76	25.89	32.25	14.2	14.13
38	gi|4586876|dbj|BAA36753.1|	149	163	6444	15.73	6.05	19.68	15.73	25.89	29.96	9.11	14.13
38	gi|4586876|dbj|BAA36753.1|	150	164	6445	15.82	5.67	22.7	15.82	25.89	28.98	6.74	14.13
38	gi|4586876|dbj|BAA36753.1|	151	165	6446	14.13	5.59	19.35	9.87	25.89	21.86	4.3	14.13
38	gi|4586876|dbj|BAA36753.1|	152	166	6447	14.13	9.64	20.52	11.34	26.39	23.49	3.44	14.13
38	gi|4586876|dbj|BAA36753.1|	153	167	6448	14.13	2.22	20.1	12.34	16.47	17.42	2.85	14.13
38	gi|4586876|dbj|BAA36753.1|	154	168	6449	11.85	6.88	18.01	11.85	16.47	8.74	5.47	14.67
38	gi|4586876|dbj|BAA36753.1|	155	169	6450	12.85	4.02	29.21	12.85	16.47	5.92	7.56	14.67
38	gi|4586876|dbj|BAA36753.1|	156	170	6451	15.86	2.3	30.21	19.64	15.86	3.64	17.89	14.67
38	gi|4586876|dbj|BAA36753.1|	157	171	6452	16.47	2.94	37.21	25.22	16.47	4.92	19.62	14.67
38	gi|4586876|dbj|BAA36753.1|	158	172	6453	18.1	3.87	47.92	34.49	16.47	6.64	18.1	23.35
38	gi|4586876|dbj|BAA36753.1|	159	173	6454	18.44	6.85	54.52	41.34	37.37	14.81	9.72	18.44
38	gi|4586876|dbj|BAA36753.1|	164	178	6455	17.15	17.15	69.82	11.19	21.54	42.78	8.11	6.18
38	gi|4586876|dbj|BAA36753.1|	165	179	6456	17.15	17.15	75.66	11.48	21.33	42.1	10.32	6.18
38	gi|4586876|dbj|BAA36753.1|	170	184	6457	10	4.02	74.36	10	34.9	30.72	5.28	6.18
38	gi|4586876|dbj|BAA36753.1|	171	185	6458	14.33	3.95	18.91	14.33	34.9	16.18	5.49	12.23
38	gi|4586876|dbj|BAA36753.1|	172	186	6459	12.23	3.54	18.91	18.79	34.9	10.53	10.33	12.23
38	gi|4586876|dbj|BAA36753.1|	173	187	6460	12.23	3.51	18.91	19.08	34.9	9.99	10.53	12.23
38	gi|4586876|dbj|BAA36753.1|	174	188	6461	18.91	3.58	18.91	25.19	34.9	14.52	18.79	21.82
38	gi|4586876|dbj|BAA36753.1|	180	194	6462	18.01	30.02	21.96	12.46	21.92	18.01	16.3	8.92
38	gi|4586876|dbj|BAA36753.1|	181	195	6463	19.01	29.85	22.35	17.88	19.01	14.57	20.97	8.92
38	gi|4586876|dbj|BAA36753.1|	182	196	6464	18.55	29.73	22.43	17.71	20.42	14.96	18.55	8.92
38	gi|4586876|dbj|BAA36753.1|	183	197	6465	19.78	25.71	21.5	7.56	21.85	17.82	19.78	8.92
38	gi|4586876|dbj|BAA36753.1|	184	198	6466	16.19	26.29	17.06	6.43	7.5	16.29	16.19	3.76
38	gi|4586876|dbj|BAA36753.1|	185	199	6467	11.7	19.28	13.26	6.99	7.6	11.7	15.48	3.68
38	gi|4586876|dbj|BAA36753.1|	186	200	6468	7.84	14.56	13.13	6.26	7.84	6.5	15.93	1.27
38	gi|4586876|dbj|BAA36753.1|	187	201	6469	8.72	16.19	16.51	8.72	8.15	6.54	26.41	1.27
38	gi|4586876|dbj|BAA36753.1|	188	202	6470	12.94	16.65	19.83	11.56	12.94	7.11	27.37	1.27
38	gi|4586876|dbj|BAA36753.1|	189	203	6471	17.48	17.29	24.01	17.48	21.57	8.51	27.25	1.27
38	gi|4586876|dbj|BAA36753.1|	195	209	6472	16.01	16.01	41.4	15.98	28.63	32.28	7.66	7.41
38	gi|4586876|dbj|BAA36753.1|	196	210	6473	16.73	16.46	42.98	16.73	26.18	34.9	10.34	15.24
38	gi|4586876|dbj|BAA36753.1|	202	216	6474	12.68	6.44	41.34	7.76	2.84	27.9	22.46	12.68

Table 2

38	gi|4586876|dbj|BAA36753.1|	203	217	6475	9.87	5.06	47.34	9.87	3.02	17.06	17.18	3.59
38	gi|4586876|dbj|BAA36753.1|	204	218	6476	9.79	4.98	55.47	9.79	3.24	14.53	14.27	3.54
38	gi|4586876|dbj|BAA36753.1|	205	219	6477	9.17	4.89	57.34	9.17	4.99	13.45	14.06	3.47
38	gi|4586876|dbj|BAA36753.1|	206	220	6478	10.98	6.75	53.65	10.98	8.35	16.96	29.88	3.31
38	gi|4586876|dbj|BAA36753.1|	207	221	6479	13.93	4.01	43.51	13.93	12.8	23.95	32.38	3.67
38	gi|4586876|dbj|BAA36753.1|	225	239	6480	15.15	15.15	7.18	31.19	40.35	14.91	31.71	9.97
38	gi|4586876|dbj|BAA36753.1|	226	240	6481	15.15	15.15	10.16	32.15	40.35	12.68	31.71	9.97
38	gi|4586876|dbj|BAA36753.1|	229	243	6482	19.73	15.15	24.24	24.12	15.99	27.05	19.73	9.97
38	gi|4586876|dbj|BAA36753.1|	231	245	6483	15.99	13	36.41	7.47	15.99	36.43	17.97	13.66
38	gi|4586876|dbj|BAA36753.1|	232	246	6484	13.66	13	36.84	3.87	7.6	23.08	19.03	13.66
38	gi|4586876|dbj|BAA36753.1|	233	247	6485	13.66	13	41.7	4.04	7.6	23.76	26.49	13.66
38	gi|4586876|dbj|BAA36753.1|	234	248	6486	13.66	13	45.58	3.59	7.6	25.24	29.02	13.66
38	gi|4586876|dbj|BAA36753.1|	235	249	6487	14.67	13	48.79	4.4	7.6	31.07	36.23	14.67
38	gi|4586876|dbj|BAA36753.1|	244	258	6488	5.39	2.15	26.65	5.18	5.39	34.19	2.62	8.42
38	gi|4586876|dbj|BAA36753.1|	245	259	6489	8.42	13.53	4.6	4.26	9.23	38.22	2.59	8.42
38	gi|4586876|dbj|BAA36753.1|	246	260	6490	8.42	12.15	4.65	3.21	9.33	37.35	2.6	8.42
38	gi|4586876|dbj|BAA36753.1|	247	261	6491	4.01	3.92	4.01	1.08	7.68	26.99	1.07	8.42
38	gi|4586876|dbj|BAA36753.1|	248	262	6492	3.4	3.4	4.01	0.81	7.95	7.7	0.84	1.41
38	gi|4586876|dbj|BAA36753.1|	249	263	6493	3.62	3.62	4.01	0.83	9.54	4.78	1.26	0.97
38	gi|4586876|dbj|BAA36753.1|	250	264	6494	3.53	3.62	4.01	0.94	9.93	3.53	1.25	0.63
38	gi|4586876|dbj|BAA36753.1|	251	265	6495	2.82	3.6	4.01	2.82	7.22	1.63	1.51	0.45
38	gi|4586876|dbj|BAA36753.1|	252	266	6496	4.6	3.6	9.46	4.6	35.15	1.2	17.6	0.81
38	gi|4586876|dbj|BAA36753.1|	253	267	6497	5.18	3.6	9.46	5.18	32.36	0.96	16.21	1.24
38	gi|4586876|dbj|BAA36753.1|	254	268	6498	5.18	3.6	9.18	5.18	27.5	0.83	18.47	1.83
38	gi|4586876|dbj|BAA36753.1|	255	269	6499	6.82	2.99	6.82	15.04	39.28	1.01	31.27	2.05
38	gi|4586876|dbj|BAA36753.1|	256	270	6500	8.4	2.99	8.4	15.04	52.27	0.94	43.11	2.05
38	gi|4586876|dbj|BAA36753.1|	257	271	6501	10.32	2.79	10.32	15.78	59.61	1.4	43.11	2.05
38	gi|4586876|dbj|BAA36753.1|	258	272	6502	12.85	2.11	12.85	19.66	61.21	1.88	43.11	2.05
38	gi|4586876|dbj|BAA36753.1|	259	273	6503	17.25	2.99	17.25	35.73	61.21	3.61	50.93	2.05
38	gi|4586876|dbj|BAA36753.1|	264	278	6504	19.5	11.89	3.51	23.79	28.82	19.5	30.84	11.49
38	gi|4586876|dbj|BAA36753.1|	265	279	6505	14.45	11.29	3.16	22.83	28.82	14.45	30.64	10.99
38	gi|4586876|dbj|BAA36753.1|	266	280	6506	17.74	11.38	3.21	24.13	28.82	17.74	38.13	11.28
38	gi|4586876|dbj|BAA36753.1|	282	296	6507	14.78	14.78	4.16	3.18	26.94	35.75	17.83	10.53
38	gi|4586876|dbj|BAA36753.1|	283	297	6508	12.27	13.92	4.47	3.67	22.08	32.9	12.27	9
38	gi|4586876|dbj|BAA36753.1|	284	298	6509	10.53	8.4	4.25	3.61	21.71	27.76	12.9	10.53
38	gi|4586876|dbj|BAA36753.1|	285	299	6510	10.53	9.06	7	4.68	24.02	28.32	11.68	10.53
38	gi|4586876|dbj|BAA36753.1|	286	300	6511	9.75	6.71	9.75	2.37	22.96	29.97	10.63	7.03
38	gi|4586876|dbj|BAA36753.1|	287	301	6512	16	6.71	16	4.41	25.05	31.7	40.81	2.68
38	gi|4586876|dbj|BAA36753.1|	288	302	6513	16	6.71	16	0.79	25.62	40.17	26.26	2.68
38	gi|4586876|dbj|BAA36753.1|	289	303	6514	16	8.25	16	0.79	25.62	49.36	27.2	2.68
38	gi|4586876|dbj|BAA36753.1|	290	304	6515	16	2.56	16	0.79	25.62	59.23	27.09	2.68
38	gi|4586876|dbj|BAA36753.1|	313	327	6516	19.21	0.62	22.95	1.76	35.94	33.58	19.21	5.88
38	gi|4586876|dbj|BAA36753.1|	314	328	6517	2.67	1.59	19.93	1.76	41.52	9.95	2.67	0.55
38	gi|4586876|dbj|BAA36753.1|	315	329	6518	2.25	1.59	22.95	2.25	46.84	4.72	1.62	0.55
38	gi|4586876|dbj|BAA36753.1|	316	330	6519	2.32	1.59	24.24	2.32	54.11	3.31	0.83	0.55
38	gi|4586876|dbj|BAA36753.1|	317	331	6520	2.71	3.36	21.63	2.71	48.66	2.57	0.14	0.55
38	gi|4586876|dbj|BAA36753.1|	318	332	6521	4.01	4.01	24.33	4.43	50.27	3.19	0.14	0.55
38	gi|4586876|dbj|BAA36753.1|	319	333	6522	7.74	12.2	28.04	7.74	49.73	5.9	0.16	1.14

Table 2

38	gi|4586876|dbj|BAA36753.1|	320	334	6523	9.27	9.27	31.75	9.19	53.8	19.35	0.14	1.17
38	gi|4586876|dbj|BAA36753.1|	321	335	6524	13.85	9.47	67.72	12.5	74.17	38.26	0.14	13.85
38	gi|4586876|dbj|BAA36753.1|	350	364	6525	14.3	14.3	6.91	13.88	48.17	75.64	18.21	4.59
38	gi|4586876|dbj|BAA36753.1|	351	365	6526	14.3	14.3	9.79	11.52	49.44	63.14	17.4	4.51
38	gi|4586876|dbj|BAA36753.1|	352	366	6527	14.3	14.3	14.08	10.7	43.6	47.12	15.9	4.07
38	gi|4586876|dbj|BAA36753.1|	353	367	6528	14.74	14.3	17.64	9.32	47.98	34.29	14.74	4.02
38	gi|4586876|dbj|BAA36753.1|	354	368	6529	14.3	14.3	18.76	9.48	46.55	27.97	13.87	3.9
38	gi|4586876|dbj|BAA36753.1|	355	369	6530	16.49	14.3	22.83	13.05	47.24	24.92	16.49	7.58
38	gi|4586876|dbj|BAA36753.1|	356	370	6531	15.36	9.61	15.36	16.41	53.53	23.02	14.74	7.16
38	gi|4586876|dbj|BAA36753.1|	358	372	6532	16.4	14.53	13.54	36.05	41.56	32.19	7.26	16.4
38	gi|4586876|dbj|BAA36753.1|	374	388	6533	19.64	5.1	62.17	19.64	59.75	45.7	0.78	2.92
38	gi|4586876|dbj|BAA36753.1|	375	389	6534	19.98	9.61	67.94	19.98	63.58	45.63	0.79	2.92
38	gi|4586876|dbj|BAA36753.1|	377	391	6535	17.72	8.58	65.84	17.72	62.94	47.78	1.86	2.92
38	gi|4586876|dbj|BAA36753.1|	379	393	6536	12.08	7.76	12.08	24.67	62.94	33.94	4.61	4.02
38	gi|4586876|dbj|BAA36753.1|	380	394	6537	7.76	7.76	5.68	26.29	4.51	12.49	12.44	5.05
38	gi|4586876|dbj|BAA36753.1|	381	395	6538	7.4	7.76	7.4	27.43	4.2	7.18	19.15	5.05
38	gi|4586876|dbj|BAA36753.1|	382	396	6539	7.76	7.76	9.39	30.39	4.03	6.07	23.56	5.05
38	gi|4586876|dbj|BAA36753.1|	383	397	6540	7.8	7.8	10.38	35.36	3.7	6.14	31.55	5.05
38	gi|4586876|dbj|BAA36753.1|	384	398	6541	9.14	8.89	14.86	47.03	6.24	9.14	20.63	5.05
38	gi|4586876|dbj|BAA36753.1|	385	399	6542	15.96	8.89	19.81	51.68	10.91	20.12	15.96	5.48
38	gi|4586876|dbj|BAA36753.1|	386	400	6543	18.45	17.2	34.75	51.21	18.45	49.92	13.72	6.6
38	gi|4586876|dbj|BAA36753.1|	389	403	6544	14	11.5	25.86	21.81	14	47.4	7.99	11.3
38	gi|4586876|dbj|BAA36753.1|	390	404	6545	14.36	12.21	30.21	22.55	14.36	47.89	8.78	11.65
38	gi|4586876|dbj|BAA36753.1|	526	540	6546	18.44	9.61	3.88	8.06	69.66	38.5	47.05	18.44
38	gi|4586876|dbj|BAA36753.1|	527	541	6547	18.44	9.61	4.48	7.94	68.55	25.93	47.05	18.44
38	gi|4586876|dbj|BAA36753.1|	528	542	6548	18.2	9.61	4.5	7.55	64.59	18.2	47.05	18.44
38	gi|4586876|dbj|BAA36753.1|	529	543	6549	18.44	9.61	5.82	7.57	69.07	19.3	46.27	18.44
38	gi|4586876|dbj|BAA36753.1|	530	544	6550	18.44	9.61	7.23	15.21	75.22	24.12	47.05	18.44
38	gi|4586876|dbj|BAA36753.1|	613	627	6551	12.03	10.92	12.03	28.97	14.52	9.65	47.81	6.34
38	gi|4586876|dbj|BAA36753.1|	614	628	6552	11.93	10.92	11.93	28.86	13.39	4.75	47.81	6.18
38	gi|4586876|dbj|BAA36753.1|	615	629	6553	12.2	10.92	12.5	34.5	12.2	3.14	14.18	6.18
38	gi|4586876|dbj|BAA36753.1|	616	630	6554	10.92	10.92	12.6	38.44	11.77	3.01	3.77	6.18
38	gi|4586876|dbj|BAA36753.1|	617	631	6555	10.92	10.92	15.94	21.83	18.17	4.15	2.76	6.18
38	gi|4586876|dbj|BAA36753.1|	618	632	6556	9.28	11.15	9.28	12.18	21.48	4.75	0.71	4.69
38	gi|4586876|dbj|BAA36753.1|	619	633	6557	10.23	11.3	10.23	12.18	22.39	7.57	0.71	4.69
38	gi|4586876|dbj|BAA36753.1|	620	634	6558	8.53	13.57	19.37	8.53	22.39	6.66	0.77	4.69
38	gi|4586876|dbj|BAA36753.1|	621	635	6559	8.46	13.57	21.79	8.46	22.39	4.81	0.78	4.69
38	gi|4586876|dbj|BAA36753.1|	622	636	6560	8.73	13.57	24.72	8.73	43.86	4.97	0.9	4.69
38	gi|4586876|dbj|BAA36753.1|	623	637	6561	12.93	13.57	26.51	12.93	35.56	6.82	1.92	4.69
38	gi|4586876|dbj|BAA36753.1|	624	638	6562	13.66	13.66	24.24	13.77	35.56	12.65	5.92	5.24
38	gi|4586876|dbj|BAA36753.1|	625	639	6563	13.25	13.57	24.24	13.25	35.56	11.74	10.85	6.18
38	gi|4586876|dbj|BAA36753.1|	626	640	6564	10.92	10.92	24.24	12.74	35.56	7.81	9.28	5.05
38	gi|4586876|dbj|BAA36753.1|	627	641	6565	11.31	10.92	24.24	15.76	35.56	8.48	11.31	5.05
38	gi|4586876|dbj|BAA36753.1|	628	642	6566	14.01	10.92	25.95	20.25	35.56	8.45	14.01	5.44
38	gi|4586876|dbj|BAA36753.1|	629	643	6567	14.01	10.92	26.54	23.95	35.56	11.65	14.01	5.49
38	gi|4586876|dbj|BAA36753.1|	680	694	6568	7.03	1.99	8.04	5.8	38.91	20.11	4.19	7.03
38	gi|4586876|dbj|BAA36753.1|	681	695	6569	2.32	2	2.32	1.23	27.06	11.67	2.59	1.25
38	gi|4586876|dbj|BAA36753.1|	682	696	6570	2.4	2.56	1.2	0.99	24.51	6.92	2.4	1.14

Table 2

38	gi|4586876|dbj|BAA36753.1|	683	697	6571	1.65	1.65	1.2	0.97	23.99	6.82	2.42	1.12
38	gi|4586876|dbj|BAA36753.1|	684	698	6572	2.31	2.31	1.2	1.02	25.13	9.06	2.6	1.17
38	gi|4586876|dbj|BAA36753.1|	685	699	6573	2.44	2.44	1.2	1.37	30.69	12.78	5.75	1.37
38	gi|4586876|dbj|BAA36753.1|	686	700	6574	3.45	2.56	1.2	3.45	36.57	23.94	7.74	3.44
38	gi|4586876|dbj|BAA36753.1|	687	701	6575	5.7	2.9	2.11	5.7	42.29	49.58	10.76	3.81
38	gi|4586876|dbj|BAA36753.1|	688	702	6576	11.59	11.59	1.2	8.22	17.09	36.72	32.09	3.98
38	gi|4586876|dbj|BAA36753.1|	689	703	6577	9.43	3.93	3.06	9.43	15.67	22.54	68.25	3.7
38	gi|4586876|dbj|BAA36753.1|	690	704	6578	8.01	3.93	2.09	8.01	14.33	13.82	75.37	3.52
38	gi|4586876|dbj|BAA36753.1|	691	705	6579	8.01	3.93	2.89	8.01	15.17	14.09	75.63	4.83
38	gi|4586876|dbj|BAA36753.1|	692	706	6580	8.01	3.93	3.73	8.01	25	16.72	76	4.91
38	gi|4586876|dbj|BAA36753.1|	693	707	6581	13.18	3.93	4.79	10.81	37.03	21.22	75.76	13.18
38	gi|4586876|dbj|BAA36753.1|	694	708	6582	13.43	10.3	6.41	11.98	38.4	38.19	31.3	13.43
38	gi|4586876|dbj|BAA36753.1|	704	718	6583	15.27	0.36	3.03	16.38	52.96	10.19	18.99	15.27
38	gi|4586876|dbj|BAA36753.1|	705	719	6584	14.87	0.36	3.16	14.87	52.96	7.37	15.61	15.27
38	gi|4586876|dbj|BAA36753.1|	706	720	6585	15.1	0.36	3.16	15.23	52.96	7.44	15.1	15.27
38	gi|4586876|dbj|BAA36753.1|	707	721	6586	7.59	0.36	3.16	8.1	52.96	6.08	7.59	15.27
38	gi|4586876|dbj|BAA36753.1|	708	722	6587	8.85	0.97	3.16	8.85	52.96	10.58	7.66	15.27
38	gi|4586876|dbj|BAA36753.1|	709	723	6588	11.91	0.96	3.16	11.91	52.96	20.99	7.03	15.27
38	gi|4586876|dbj|BAA36753.1|	710	724	6589	11.96	9.57	3.16	11.96	52.96	31.36	8.31	17.8
38	gi|4586876|dbj|BAA36753.1|	712	726	6590	18.9	9.5	21.28	18.9	24.42	46.52	13.47	18.86
38	gi|4586876|dbj|BAA36753.1|	727	741	6591	19.41	19.41	8.64	17.04	49.63	25.64	49.63	6.6
38	gi|4586876|dbj|BAA36753.1|	728	742	6592	19.41	19.41	11.39	16.81	39.4	24.69	42.38	14.67
38	gi|4586876|dbj|BAA36753.1|	729	743	6593	19.41	19.41	13.22	16.05	39.4	22.44	37.07	14.67
38	gi|4586876|dbj|BAA36753.1|	730	744	6594	19.41	19.41	15.71	17.35	39.4	22.25	19.41	14.67
38	gi|4586876|dbj|BAA36753.1|	731	745	6595	18.65	19.41	18.65	17.93	39.4	26.75	15.23	14.67
38	gi|4586876|dbj|BAA36753.1|	733	747	6596	15.25	5.84	26.91	26.78	15.25	59.75	10.99	14.67
38	gi|4586876|dbj|BAA36753.1|	746	760	6597	18.91	0.75	31.18	18.91	0.01	19.77	56.65	10.64
38	gi|4586876|dbj|BAA36753.1|	747	761	6598	16.04	0.75	35.36	21.08	0.01	16.04	44.9	10.62
38	gi|4586876|dbj|BAA36753.1|	748	762	6599	16.15	0.81	43.84	21.51	0.01	16.15	38.14	10.99
38	gi|4586876|dbj|BAA36753.1|	749	763	6600	17.61	0.83	47.76	22.18	0.01	17.61	37.96	10.98
38	gi|4586876|dbj|BAA36753.1|	764	778	6601	19.5	12.63	5.67	19.5	40.67	39.36	33.97	12.55
38	gi|4586876|dbj|BAA36753.1|	771	785	6602	19.29	5.3	19.29	16.29	55.11	53.5	49.37	17.8
38	gi|4586876|dbj|BAA36753.1|	772	786	6603	9.71	2.56	9.71	5.61	60.96	12.55	27.83	0.78
38	gi|4586876|dbj|BAA36753.1|	773	787	6604	5.51	2.48	9.71	5.51	48.23	4.76	21.72	0.78
38	gi|4586876|dbj|BAA36753.1|	774	788	6605	3.93	2.41	8.86	3.93	48.23	3.47	17.15	0.78
38	gi|4586876|dbj|BAA36753.1|	775	789	6606	2.42	2.41	6.4	2.11	36	2.42	5.59	0.78
38	gi|4586876|dbj|BAA36753.1|	776	790	6607	2.96	2.41	6.4	2.55	36	2.96	7.16	0.78
38	gi|4586876|dbj|BAA36753.1|	777	791	6608	5.02	3.22	6.4	2.92	36	5.02	10.16	0.78
38	gi|4586876|dbj|BAA36753.1|	778	792	6609	6.71	6.71	6.4	6.2	36	12.76	16.77	0.78
38	gi|4586876|dbj|BAA36753.1|	790	804	6610	16.51	4.77	16.65	9.26	33.76	24.92	16.51	4.75
38	gi|4586876|dbj|BAA36753.1|	791	805	6611	14.51	13.3	18.53	9.56	32.57	14.51	16.51	4.98
38	gi|4586876|dbj|BAA36753.1|	792	806	6612	12.75	12.75	17.56	9.08	28.61	8.94	16.51	4.63
38	gi|4586876|dbj|BAA36753.1|	793	807	6613	16.09	16.09	18.53	8.93	27.55	8	16.51	4.63
38	gi|4586876|dbj|BAA36753.1|	794	808	6614	16.51	17.48	18.53	9.58	37.31	10.28	16.51	4.74
38	gi|4586876|dbj|BAA36753.1|	795	809	6615	18.53	22	18.53	24.04	37.31	16.24	16.51	13.79
38	gi|4586876|dbj|BAA36753.1|	800	814	6616	16.26	7.25	21.4	40.07	4.06	16.26	42.78	2.81
38	gi|4586876|dbj|BAA36753.1|	801	815	6617	11.42	5.13	25.49	42.85	3.97	11.42	38.6	2.57
38	gi|4586876|dbj|BAA36753.1|	802	816	6618	11.33	4.78	27.88	43.56	3.79	11.33	42.73	2.57

Table 2

38	gi|4586876|dbj|BAA36753.1|	803	817	6619	12.53	6.6	36.64	32.84	5.46	12.53	22.81	3.15
38	gi|4586876|dbj|BAA36753.1|	804	818	6620	7.89	7.69	42.3	26.04	7.89	18.23	7.12	2.03
38	gi|4586876|dbj|BAA36753.1|	805	819	6621	11.8	9.61	54.72	27.76	11.8	30.09	5.46	5.42
38	gi|4586876|dbj|BAA36753.1|	833	847	6622	12.72	8.21	12.72	9.1	56.21	20.9	51.94	7.29
38	gi|4586876|dbj|BAA36753.1|	834	848	6623	17.28	8.21	17.28	9.1	58.86	25.99	52.94	7.62
38	gi|4586876|dbj|BAA36753.1|	835	849	6624	16.5	8.21	16.5	12.39	68.19	28.29	56.29	15.05
38	gi|4586876|dbj|BAA36753.1|	843	857	6625	13.92	4.72	32.11	13.63	44.98	63.83	0.5	13.92
38	gi|4586876|dbj|BAA36753.1|	844	858	6626	13.69	4.44	34.08	11.94	48.28	69.68	0.52	13.69
38	gi|4586876|dbj|BAA36753.1|	845	859	6627	9.45	0.1	43.28	9.79	9.45	34.78	3.15	5.79
38	gi|4586876|dbj|BAA36753.1|	846	860	6628	8.35	0.1	20.21	8.35	9.23	21.54	3.98	5.79
38	gi|4586876|dbj|BAA36753.1|	847	861	6629	7.94	0.1	21.45	7.94	9.25	15.75	5.1	5.79
38	gi|4586876|dbj|BAA36753.1|	848	862	6630	9.43	0.1	23.41	11.26	9.43	14.14	6.7	5.79
38	gi|4586876|dbj|BAA36753.1|	849	863	6631	10.29	0.1	22.1	7.76	13.27	10.29	12.74	5.79
38	gi|4586876|dbj|BAA36753.1|	850	864	6632	9.36	0.1	22.11	7.42	17.05	9.36	32.5	5.79
38	gi|4586876|dbj|BAA36753.1|	851	865	6633	8.44	0.1	22.11	5.53	21.02	8.44	35.7	6.6
38	gi|4586876|dbj|BAA36753.1|	852	866	6634	8.75	8.34	8.75	3.58	11.85	7.72	34.57	11.11
38	gi|4586876|dbj|BAA36753.1|	853	867	6635	10.65	8.34	11.88	3.51	10.65	7.62	46.82	11.11
38	gi|4586876|dbj|BAA36753.1|	854	868	6636	10.12	8.34	11.88	4.46	10.12	9.39	50.2	11.11
38	gi|4586876|dbj|BAA36753.1|	855	869	6637	11.11	8.34	11.88	6.8	9.61	13.52	54.77	11.11
38	gi|4586876|dbj|BAA36753.1|	856	870	6638	11.88	8.34	11.88	9.41	12.04	20.98	49.73	11.11
38	gi|4586876|dbj|BAA36753.1|	857	871	6639	10.66	8.34	0.83	10.66	12.2	11.2	31.52	5.42
38	gi|4586876|dbj|BAA36753.1|	858	872	6640	11.82	8.34	1.34	12.17	13.87	11.82	26.66	5.42
38	gi|4586876|dbj|BAA36753.1|	859	873	6641	11.16	8.84	1.37	13.37	21.25	11.16	24.92	5.42
38	gi|4586876|dbj|BAA36753.1|	860	874	6642	9.64	8.84	1.37	12.37	19.29	9.64	15.37	5.42
38	gi|4586876|dbj|BAA36753.1|	861	875	6643	10.33	8.84	1.37	12.45	24.98	10.33	10.87	5.42
38	gi|4586876|dbj|BAA36753.1|	862	876	6644	12.27	8.84	1.37	25.24	28.73	15.19	8.34	12.27
38	gi|4586876|dbj|BAA36753.1|	863	877	6645	13.26	8.84	1.37	25.88	27.79	29.8	10.27	13.26
38	gi|4586876|dbj|BAA36753.1|	873	887	6646	17.93	7.31	34.66	12.22	39.17	33.09	11.44	17.93
38	gi|4586876|dbj|BAA36753.1|	874	888	6647	17.16	13.04	34.66	9.79	42.1	32.07	12.5	17.16
38	gi|4586876|dbj|BAA36753.1|	875	889	6648	15.67	12.73	34.66	1.7	43.04	28.78	15.67	5.02
38	gi|4586876|dbj|BAA36753.1|	876	890	6649	15.77	14.31	34.66	1.46	43.04	28.16	15.77	3.78
38	gi|4586876|dbj|BAA36753.1|	877	891	6650	17.76	13.04	34.66	1.26	43.04	26.71	17.76	3.79
38	gi|4586876|dbj|BAA36753.1|	878	892	6651	9.12	9.16	0.19	1.26	43.04	9.12	21.89	1.4
38	gi|4586876|dbj|BAA36753.1|	879	893	6652	5.1	12.69	0.21	1.72	73.37	5.1	27.04	1.4
38	gi|4586876|dbj|BAA36753.1|	880	894	6653	11.11	17.12	0.27	2.13	73.37	3.82	49.35	11.11
38	gi|4586876|dbj|BAA36753.1|	881	895	6654	11.11	21.03	0.59	4.84	73.37	4.69	59.58	11.11
38	gi|4586876|dbj|BAA36753.1|	896	910	6655	17.6	17.9	17.6	14.08	72.95	25.14	7.3	7.03
38	gi|4586876|dbj|BAA36753.1|	897	911	6656	11.51	3.74	22.86	11.51	73.98	23.49	6.09	7.03
38	gi|4586876|dbj|BAA36753.1|	898	912	6657	11.51	3.67	31.82	11.51	73.93	23.37	5.31	7.03
38	gi|4586876|dbj|BAA36753.1|	899	913	6658	10.98	3.67	33.26	10.98	71.99	22.16	4.26	7.03
38	gi|4586876|dbj|BAA36753.1|	900	914	6659	10.98	3.67	36.96	10.98	68.2	21.01	3.25	7.03
38	gi|4586876|dbj|BAA36753.1|	901	915	6660	10.98	3.67	19.42	10.98	51.27	23.29	7.14	9.89
38	gi|4586876|dbj|BAA36753.1|	902	916	6661	15.04	8.25	24.33	10.98	44.17	25.14	7.3	15.04
38	gi|4586876|dbj|BAA36753.1|	904	918	6662	14.93	2.19	14.93	5.82	11.07	16.83	22.05	19.14
38	gi|4586876|dbj|BAA36753.1|	905	919	6663	16.85	2.19	22.7	10.43	11.5	16.85	21.09	20.66
38	gi|4586876|dbj|BAA36753.1|	906	920	6664	18.01	2.19	24.69	12.91	10.91	20.39	18.01	27.06
38	gi|4586876|dbj|BAA36753.1|	919	933	6665	12.28	12.28	0.21	9.36	28.43	31	13.62	1.73
38	gi|4586876|dbj|BAA36753.1|	920	934	6666	10.43	24	0.19	8.78	24.8	10.43	13.62	1.59

Table 2

38	gi|4586876|dbj|BAA36753.1|	921	935	6667	7.24	7.24	0.19	8.41	24.23	4.5	13.62	0.86
38	gi|4586876|dbj|BAA36753.1|	922	936	6668	5.52	5.52	0.17	7.39	21.88	1.89	13.62	0.78
38	gi|4586876|dbj|BAA36753.1|	923	937	6669	5.17	5.17	0.17	7.47	25.99	1.25	13.62	0.78
38	gi|4586876|dbj|BAA36753.1|	924	938	6670	5.45	5.45	0.48	14.07	28.43	2.11	13.62	1.03
38	gi|4586876|dbj|BAA36753.1|	925	939	6671	7.09	5.52	0.67	16.19	37.35	7.09	14.5	1.08
38	gi|4586876|dbj|BAA36753.1|	926	940	6672	14.91	16.48	12.17	13.57	39.4	14.91	18.99	10.53
38	gi|4586876|dbj|BAA36753.1|	927	941	6673	13.92	5.24	24.89	6.54	43.07	14.8	13.92	0.86
38	gi|4586876|dbj|BAA36753.1|	928	942	6674	5.57	0.22	15.03	1.66	31.03	5.57	11.81	0.86
38	gi|4586876|dbj|BAA36753.1|	929	943	6675	2.65	0.22	18.85	1.61	31.48	2.65	9.57	0.86
38	gi|4586876|dbj|BAA36753.1|	930	944	6676	2.69	0.22	21.68	1.66	30.86	2.69	7.98	0.86
38	gi|4586876|dbj|BAA36753.1|	931	945	6677	3.61	0.22	27.02	1.79	30.32	3.61	7.29	0.86
38	gi|4586876|dbj|BAA36753.1|	932	946	6678	5.98	0.29	30.51	4.91	35.01	5.98	15.25	0.86
38	gi|4586876|dbj|BAA36753.1|	933	947	6679	17.57	1.37	35.46	7.45	39.38	17.57	25.97	0.99
38	gi|4586876|dbj|BAA36753.1|	951	965	6680	19.22	1.42	52.58	12.78	8.09	23.09	20.78	19.22
38	gi|4586876|dbj|BAA36753.1|	952	966	6681	16.64	1.42	40.11	11.85	7.64	16.64	21.4	17.95
38	gi|4586876|dbj|BAA36753.1|	953	967	6682	19.25	2.19	34.95	19.25	11.21	16.72	37.97	20.38
38	gi|4586876|dbj|BAA36753.1|	958	972	6683	16.38	16.38	41.4	15.51	71.06	46.51	3.33	10.81
38	gi|4586876|dbj|BAA36753.1|	960	974	6684	12.89	5.5	55.77	19.53	12.6	38.1	1.93	12.89
38	gi|4586876|dbj|BAA36753.1|	961	975	6685	12.6	4.1	56.09	20.69	12.6	27.88	1.75	12.02
38	gi|4586876|dbj|BAA36753.1|	962	976	6686	14.59	4.01	40.4	26.65	12.6	23.59	1.99	14.59
38	gi|4586876|dbj|BAA36753.1|	963	977	6687	18.64	3.88	39.47	32.59	12.6	20.39	4.3	18.64
38	gi|4586876|dbj|BAA36753.1|	964	978	6688	19.77	3.88	43.24	36.09	12.6	22.14	4.4	19.77
38	gi|4586876|dbj|BAA36753.1|	971	985	6689	12.86	12.86	0.21	32.49	9.75	9.68	45.55	14.67
38	gi|4586876|dbj|BAA36753.1|	972	986	6690	12.86	12.86	0.21	28.22	10	4.12	30.41	14.67
38	gi|4586876|dbj|BAA36753.1|	973	987	6691	6.18	6.18	0.21	23.73	11.2	2.46	30.41	5.49
38	gi|4586876|dbj|BAA36753.1|	974	988	6692	6.18	6.18	0.52	26.21	13.35	2.62	30.41	5.77
38	gi|4586876|dbj|BAA36753.1|	975	989	6693	6.18	6.18	0.74	27.26	18.3	3.52	30.41	5.68
38	gi|4586876|dbj|BAA36753.1|	976	990	6694	7.44	6.18	1.2	10.08	18.3	7.44	30.41	7.34
38	gi|4586876|dbj|BAA36753.1|	977	991	6695	7.26	6.18	1.98	5.35	18.3	25.38	30.41	7.26
38	gi|4586876|dbj|BAA36753.1|	980	994	6696	19.13	19.13	22.95	0.81	55.07	16.4	44.44	9.93
38	gi|4586876|dbj|BAA36753.1|	985	999	6697	12.07	7.21	21.7	11.64	40.61	12.07	49.96	3.73
38	gi|4586876|dbj|BAA36753.1|	986	1000	6698	15.13	7.21	19.77	12.27	44.93	15.13	36.94	3.73
38	gi|4586876|dbj|BAA36753.1|	994	1008	6699	13.45	3.1	49	17.72	6.81	13.45	49.96	8.92
38	gi|4586876|dbj|BAA36753.1|	995	1009	6700	9.66	2.17	53.67	17.79	6.81	9.66	49.42	8.92
38	gi|4586876|dbj|BAA36753.1|	996	1010	6701	10.37	3.29	55.24	21.37	6.81	10.37	62.81	8.92
38	gi|4586876|dbj|BAA36753.1|	997	1011	6702	12.07	5.15	26.46	21.59	6.81	12.07	62.1	9.97
38	gi|4586876|dbj|BAA36753.1|	998	1012	6703	11.03	8.17	11.03	9.24	12.21	16.5	49.66	7.03
38	gi|4586876|dbj|BAA36753.1|	999	1013	6704	12.27	14.53	11.03	12.27	12.21	27.09	42.54	7.03
38	gi|4586876|dbj|BAA36753.1|	1000	1014	6705	12.27	14.34	11.03	12.27	12.21	35.64	30.78	7.03
38	gi|4586876|dbj|BAA36753.1|	1001	1015	6706	9.61	9.61	3.86	9.14	12.21	27.14	30.59	3.73
38	gi|4586876|dbj|BAA36753.1|	1002	1016	6707	7.49	9.61	1.29	7.49	12.21	17.76	7.03	3.73
38	gi|4586876|dbj|BAA36753.1|	1003	1017	6708	9.61	9.61	2.16	12.82	12.21	15.92	5.37	4.96
38	gi|4586876|dbj|BAA36753.1|	1004	1018	6709	9.61	9.61	3.84	13.49	34.76	16.15	4	5.05
38	gi|4586876|dbj|BAA36753.1|	1005	1019	6710	12.96	12.96	6.45	16.88	32.72	20.44	3.29	7.02
38	gi|4586876|dbj|BAA36753.1|	1006	1020	6711	17.1	17.1	9.46	21.51	40.11	26.82	3.08	15.95
38	gi|4586876|dbj|BAA36753.1|	1007	1021	6712	18.62	18.62	9.46	28.94	45.47	39.56	4.07	4.51
38	gi|4586876|dbj|BAA36753.1|	1008	1022	6713	18.62	18.62	9.46	29.28	49.58	45.06	5.07	18.44
38	gi|4586876|dbj|BAA36753.1|	1009	1023	6714	11.77	8.89	3.75	25.55	37.23	11.77	50.72	6.18

Table 2

38	gi|4586876|dbj|BAA36753.1|	1010	1024	6715	8.44	8.44	2.19	25.48	38.35	4.29	10.36	6.18
38	gi|4586876|dbj|BAA36753.1|	1011	1025	6716	6.18	3.85	2.19	25.14	36.47	2.2	10.78	6.18
38	gi|4586876|dbj|BAA36753.1|	1012	1026	6717	6.18	3.43	2.19	27.61	40.44	2.48	12.78	6.18
38	gi|4586876|dbj|BAA36753.1|	1013	1027	6718	6.18	3.16	2.19	28.83	40.44	3.52	14.81	6.18
38	gi|4586876|dbj|BAA36753.1|	1014	1028	6719	13.97	6.71	2.19	43.06	40.44	7.12	20.96	13.97
38	gi|4586876|dbj|BAA36753.1|	1026	1040	6720	18.6	9.61	7.06	18.6	2.49	68.12	28.26	19.74
38	gi|4586876|dbj|BAA36753.1|	1027	1041	6721	14.94	9.61	8.55	14.94	2.5	62.87	28.26	19.74
38	gi|4586876|dbj|BAA36753.1|	1028	1042	6722	13.93	9.61	6.49	13.93	1.99	46.2	28.26	15.26
38	gi|4586876|dbj|BAA36753.1|	1029	1043	6723	14.62	8.74	8.22	14.62	1.96	37.93	28.26	15.26
38	gi|4586876|dbj|BAA36753.1|	1030	1044	6724	15.26	9.61	9.98	16.21	1.99	36.49	28.26	15.26
38	gi|4586876|dbj|BAA36753.1|	1031	1045	6725	15.26	9.61	8.6	25.81	5.07	38.67	28.26	15.26
38	gi|4586876|dbj|BAA36753.1|	1032	1046	6726	15.26	13.04	11.41	30.71	5.06	49.39	28.26	15.26
38	gi|4586876|dbj|BAA36753.1|	1062	1076	6727	15.19	14.24	10.59	15.19	23.05	68.76	10.86	20.38
38	gi|4586876|dbj|BAA36753.1|	1063	1077	6728	16.05	14.24	16.05	12.87	23.05	73.66	10.86	18.12
38	gi|4586876|dbj|BAA36753.1|	1064	1078	6729	19.62	14.24	20.75	16.18	23.05	78.31	10.86	19.62
38	gi|4586876|dbj|BAA36753.1|	1066	1080	6730	18.53	10.76	18.53	2.61	47.51	72.12	40.61	6.6
38	gi|4586876|dbj|BAA36753.1|	1067	1081	6731	9.71	9.3	9.71	2.24	43.12	59.93	40.61	6.6
38	gi|4586876|dbj|BAA36753.1|	1068	1082	6732	9.71	8.99	9.71	1.78	42.17	52.36	37.65	6.6
38	gi|4586876|dbj|BAA36753.1|	1069	1083	6733	7.76	7.76	6.51	1.06	31.23	40.85	32.38	7.03
38	gi|4586876|dbj|BAA36753.1|	1070	1084	6734	9.2	7.76	9.2	1.24	29.4	39.76	33.92	7.03
38	gi|4586876|dbj|BAA36753.1|	1071	1085	6735	9.51	7.76	9.51	1.83	30.19	40.28	28.73	7.03
38	gi|4586876|dbj|BAA36753.1|	1072	1086	6736	9.71	8.1	9.71	3.63	34.22	47.78	24.4	7.03
38	gi|4586876|dbj|BAA36753.1|	1073	1087	6737	9.83	9.83	9.71	8.26	42.31	56	30.51	7.03
38	gi|4586876|dbj|BAA36753.1|	1079	1093	6738	15.93	10.09	15.93	22.51	7.63	27.98	32.33	5.79
38	gi|4586876|dbj|BAA36753.1|	1080	1094	6739	12.5	9.13	12.5	28.74	12.26	30.74	29.18	8.66
38	gi|4586876|dbj|BAA36753.1|	1086	1100	6740	11.11	8.34	11.03	1.73	43.88	49.79	17.79	11.11
38	gi|4586876|dbj|BAA36753.1|	1087	1101	6741	11.11	7.21	11.03	1.69	43.88	37.54	17.79	11.11
38	gi|4586876|dbj|BAA36753.1|	1088	1102	6742	11.11	7.21	11.03	1.69	43.88	29.7	17.79	11.11
38	gi|4586876|dbj|BAA36753.1|	1089	1103	6743	11.11	7.21	11.03	1.71	43.88	26.41	17.79	11.11
38	gi|4586876|dbj|BAA36753.1|	1090	1104	6744	11.11	7.21	11.03	4.16	43.88	30.8	17.79	11.11
38	gi|4586876|dbj|BAA36753.1|	1091	1105	6745	11.11	7.21	11.11	6.5	43.88	27.97	17.79	11.11
38	gi|4586876|dbj|BAA36753.1|	1092	1106	6746	18.97	3.31	31.37	13.79	65.86	18.97	41.89	11.11
38	gi|4586876|dbj|BAA36753.1|	1093	1107	6747	7.4	3.31	6.12	14.23	64.8	5.31	33.31	7.4
38	gi|4586876|dbj|BAA36753.1|	1094	1108	6748	6.8	3.31	6.8	14.06	64.76	2.11	25.34	4.17
38	gi|4586876|dbj|BAA36753.1|	1095	1109	6749	8.12	3.31	8.12	14.14	65.49	1.88	20.29	4.69
38	gi|4586876|dbj|BAA36753.1|	1096	1110	6750	10.11	3.31	10.11	15.26	67.52	2.37	18.94	6.34
38	gi|4586876|dbj|BAA36753.1|	1097	1111	6751	11.03	3.31	11.03	24.39	75.22	4.75	36.88	8.42
38	gi|4586876|dbj|BAA36753.1|	1098	1112	6752	18.49	3.66	11.03	22.58	75.22	18.49	49.01	8.42
38	gi|4586876|dbj|BAA36753.1|	1131	1145	6753	19.3	7.21	70.42	19.3	30.07	60.53	8.2	15
38	gi|4586876|dbj|BAA36753.1|	1132	1146	6754	19.77	7.21	73.57	19.77	30.07	60.15	5.8	15.01
38	gi|4586876|dbj|BAA36753.1|	1133	1147	6755	15.69	7.21	73.57	15.69	30.07	51.36	3.97	13.21
38	gi|4586876|dbj|BAA36753.1|	1134	1148	6756	7.14	7.21	6.12	7.14	30.07	29.89	1.64	6.79
38	gi|4586876|dbj|BAA36753.1|	1135	1149	6757	8.69	8.73	8.69	8.28	30.07	20.9	1.86	6.78
38	gi|4586876|dbj|BAA36753.1|	1136	1150	6758	7.65	8.72	6.34	7.65	30.07	14.89	1.97	6.57
38	gi|4586876|dbj|BAA36753.1|	1137	1151	6759	6.35	13.45	6.35	6.31	54.26	12.89	3.28	6.15
38	gi|4586876|dbj|BAA36753.1|	1138	1152	6760	8.3	14.24	8.12	6.36	54.21	14.64	8.3	5.05
38	gi|4586876|dbj|BAA36753.1|	1139	1153	6761	8.99	15.48	8.31	8.99	35.05	16.85	6.83	5.05
38	gi|4586876|dbj|BAA36753.1|	1140	1154	6762	10.74	15.67	10.74	9.9	35.05	26.07	3.72	5.05

Table 2

38	gi|4586876|dbj|BAA36753.1|	1141	1155	6763	14.24	14.24	16.97	5.44	35.05	27.94	3.11	7.95
38	gi|4586876|dbj|BAA36753.1|	1142	1156	6764	18.93	22.62	18.93	6.31	35.05	22.44	2.83	5.79
38	gi|4586876|dbj|BAA36753.1|	1143	1157	6765	18.26	20.48	20.48	6.04	35.05	18.26	2.8	8.88
38	gi|4586876|dbj|BAA36753.1|	1144	1158	6766	13.06	13.06	16	4.06	35.05	14.92	4.26	5.16
38	gi|4586876|dbj|BAA36753.1|	1145	1159	6767	12.08	12.08	21.54	4.06	30.99	17.08	4.2	6.84
38	gi|4586876|dbj|BAA36753.1|	1146	1160	6768	13.85	13.85	27.47	7.69	27.94	21.24	8.21	7.65
38	gi|4586876|dbj|BAA36753.1|	1147	1161	6769	9.77	9.77	31.63	7.49	28.1	27.87	9.68	7.78
38	gi|4586876|dbj|BAA36753.1|	1148	1162	6770	11.15	10.64	40.88	11.15	35.54	41.32	9.67	8.29
38	gi|4586876|dbj|BAA36753.1|	1161	1175	6771	14.34	11.59	31.97	15.76	57.19	9.82	13.63	14.34
38	gi|4586876|dbj|BAA36753.1|	1162	1176	6772	14.34	12.14	24.3	14.99	53.78	3.31	13.63	14.34
38	gi|4586876|dbj|BAA36753.1|	1163	1177	6773	14.34	11.39	26.5	15.43	51.27	3.31	13.63	14.34
38	gi|4586876|dbj|BAA36753.1|	1164	1178	6774	14.34	10.25	29.32	15.86	49.58	3.88	13.63	14.34
38	gi|4586876|dbj|BAA36753.1|	1165	1179	6775	14.26	12.14	31.34	14.26	34.65	4.92	13.63	14.34
38	gi|4586876|dbj|BAA36753.1|	1166	1180	6776	14.34	12.14	24.69	21.69	34.65	8.66	13.63	14.34
38	gi|4586876|dbj|BAA36753.1|	1226	1240	6777	7.41	19.18	7.41	1.57	28.36	4.32	42.27	0.15
38	gi|4586876|dbj|BAA36753.1|	1227	1241	6778	5.63	17.32	5.63	1.43	25.38	0.82	36	0.13
38	gi|4586876|dbj|BAA36753.1|	1228	1242	6779	6.87	19.82	6.87	1.42	26.04	0.55	37.29	0.11
38	gi|4586876|dbj|BAA36753.1|	1229	1243	6780	9.01	18.67	9.01	1.31	25.32	0.7	36.43	0.11
38	gi|4586876|dbj|BAA36753.1|	1230	1244	6781	9.71	25.96	9.71	2.01	31.97	1.04	49.4	0.15
38	gi|4586876|dbj|BAA36753.1|	1231	1245	6782	9.71	26.91	9.71	2.61	42.78	1.81	31.67	0.15
38	gi|4586876|dbj|BAA36753.1|	1232	1246	6783	9.71	22.33	9.71	7.01	42.31	4.84	29.29	0.15
38	gi|4586876|dbj|BAA36753.1|	1233	1247	6784	14.88	2.87	24.77	14.88	42.31	6.34	22.89	2.49
38	gi|4586876|dbj|BAA36753.1|	1234	1248	6785	14.24	2.79	33.58	17.43	14.24	4.23	22.46	1.74
38	gi|4586876|dbj|BAA36753.1|	1235	1249	6786	12.87	2.78	37.21	22.19	13.49	3.61	12.87	1.25
38	gi|4586876|dbj|BAA36753.1|	1236	1250	6787	12.35	2.77	37.91	18.19	12.86	3.93	12.35	1.71
38	gi|4586876|dbj|BAA36753.1|	1237	1251	6788	12.74	2.71	41.9	19.88	12.74	5.31	14.5	3.28
38	gi|4586876|dbj|BAA36753.1|	1238	1252	6789	15.21	2.31	25.13	19.23	15.21	9.62	16.34	3.54
38	gi|4586876|dbj|BAA36753.1|	1239	1253	6790	11.28	2.23	5.11	11.28	15.21	12.55	14.97	0.95
38	gi|4586876|dbj|BAA36753.1|	1240	1254	6791	11.59	11.59	3.46	14.59	15.21	6.09	18.54	0.95
38	gi|4586876|dbj|BAA36753.1|	1241	1255	6792	8.61	8.61	3.9	15.04	32.67	4.55	19.54	0.95
38	gi|4586876|dbj|BAA36753.1|	1242	1256	6793	11.47	11.47	2.73	12.04	32.67	4.03	22.13	0.93
38	gi|4586876|dbj|BAA36753.1|	1243	1257	6794	11.59	11.59	3.63	18.43	32.67	5.6	22.13	0.95
38	gi|4586876|dbj|BAA36753.1|	1244	1258	6795	11.59	11.59	4.71	21.07	32.67	8.47	27.53	0.95
38	gi|4586876|dbj|BAA36753.1|	1248	1262	6796	18.67	4.75	28.43	43.28	10.03	37.18	18.67	10.53
38	gi|4586876|dbj|BAA36753.1|	1249	1263	6797	16.14	4.75	32.84	46.97	8.54	34.51	16.14	10.53
38	gi|4586876|dbj|BAA36753.1|	1250	1264	6798	13.54	4.17	38.54	33.76	7.9	33.15	13.54	10.53
38	gi|4586876|dbj|BAA36753.1|	1251	1265	6799	14.95	1.77	41.3	32.97	6.61	31.7	14.95	10.53
38	gi|4586876|dbj|BAA36753.1|	1252	1266	6800	15.51	2.72	44.56	33.27	11.04	38.29	15.51	10.53
38	gi|4586876|dbj|BAA36753.1|	1262	1276	6801	14.56	13.66	14.56	11.68	35.36	18.75	29.41	13.69
38	gi|4586876|dbj|BAA36753.1|	1263	1277	6802	13.69	10.92	18.87	12.17	32.45	11.77	35.17	13.69
38	gi|4586876|dbj|BAA36753.1|	1264	1278	6803	18.64	10.92	19.29	18.64	32.39	8.16	26.8	13.69
38	gi|4586876|dbj|BAA36753.1|	1265	1279	6804	13.69	10.92	19.29	22.71	7.45	6.79	23.52	13.69
38	gi|4586876|dbj|BAA36753.1|	1266	1280	6805	10.92	10.92	18.04	14.12	7.45	7.23	4.72	13.69
38	gi|4586876|dbj|BAA36753.1|	1267	1281	6806	10.92	10.92	19.29	16.73	7.45	10.52	3.67	13.69
38	gi|4586876|dbj|BAA36753.1|	1268	1282	6807	16.04	10.92	19.29	16.04	7.45	21.46	3.15	18.49
38	gi|4586876|dbj|BAA36753.1|	1269	1283	6808	14.73	10.92	36.71	14.73	7.45	44.46	2.66	19.48
38	gi|4586876|dbj|BAA36753.1|	1270	1284	6809	13.64	11.59	36.71	13.64	7.45	54.02	1.97	23.35
38	gi|4586876|dbj|BAA36753.1|	1271	1285	6810	13.73	11.59	36.71	13.73	7.45	58.14	1.56	23.35

Table 2

38	gi|4586876|dbj|BAA36753.1|	1273	1287	6811	14.65	11.59	46.8	14.65	11.05	55.2	2.89	23.35
38	gi|4586876|dbj|BAA36753.1|	1274	1288	6812	8.62	8.21	29.27	16.74	5.17	44.82	4.56	8.62
38	gi|4586876|dbj|BAA36753.1|	1275	1289	6813	12.5	8.21	37.02	24.32	5.17	44.14	4.3	12.5
38	gi|4586876|dbj|BAA36753.1|	1276	1290	6814	8.21	8.21	41.69	28.28	5.3	41.35	4.91	5.79
38	gi|4586876|dbj|BAA36753.1|	1277	1291	6815	12.3	12.3	46.41	39.08	5.78	43.69	4.91	6.64
38	gi|4586876|dbj|BAA36753.1|	1278	1292	6816	8.21	8.21	38.78	39.67	5.17	41.61	4.91	6.52
38	gi|4586876|dbj|BAA36753.1|	1279	1293	6817	8.21	8.21	42.86	41.13	5.17	46.81	4.91	6.72
38	gi|4586876|dbj|BAA36753.1|	1280	1294	6818	18.79	8.21	52.56	43.56	18.79	54.77	15.18	7.08
38	gi|4586876|dbj|BAA36753.1|	1294	1308	6819	18.85	11.13	42.57	4.1	62.52	18.85	36.41	7.46
38	gi|4586876|dbj|BAA36753.1|	1295	1309	6820	19.75	9.68	24.97	4.61	62.03	19.75	30.96	7.46
38	gi|4586876|dbj|BAA36753.1|	1308	1322	6821	16.9	2.1	16.9	22.89	54.19	40.07	0.42	6.34
38	gi|4586876|dbj|BAA36753.1|	1309	1323	6822	15.07	2.28	24.26	15.07	57.98	38.87	0.52	6.83
38	gi|4586876|dbj|BAA36753.1|	1310	1324	6823	15.33	2.25	29.95	15.33	63.7	37.56	0.56	6.79
38	gi|4586876|dbj|BAA36753.1|	1311	1325	6824	17.3	2.28	36.76	17.3	67.96	37.67	1.51	7.26
38	gi|4586876|dbj|BAA36753.1|	1312	1326	6825	8.42	2.29	8.42	8.51	69.97	33.59	3.04	4.17
38	gi|4586876|dbj|BAA36753.1|	1313	1327	6826	8.15	8.15	8.74	8.03	49.83	27.78	6.64	5.94
38	gi|4586876|dbj|BAA36753.1|	1314	1328	6827	9.58	7.88	10.05	8.61	49.83	26.73	9.58	6.05
38	gi|4586876|dbj|BAA36753.1|	1315	1329	6828	13.76	41.21	13.76	8.69	49.83	24.49	12.82	6.85
38	gi|4586876|dbj|BAA36753.1|	1316	1330	6829	11.16	15.72	14.37	8.61	1.51	11.16	12.82	4.01
38	gi|4586876|dbj|BAA36753.1|	1317	1331	6830	15.72	15.72	19.01	16.1	1.34	9.63	28.54	4.01
38	gi|4586876|dbj|BAA36753.1|	1318	1332	6831	15.72	15.72	26.57	23.08	1.58	11.48	25.53	4.04
38	gi|4586876|dbj|BAA36753.1|	1319	1333	6832	14.87	14.87	28.3	39.07	1.61	10.92	37.32	13.37
38	gi|4586876|dbj|BAA36753.1|	1320	1334	6833	19.12	15.72	48.32	50.86	3.3	19.12	46.27	13.69
38	gi|4586876|dbj|BAA36753.1|	1354	1368	6834	14.63	44.04	14.63	2.04	8.77	18.02	68.92	0.86
38	gi|4586876|dbj|BAA36753.1|	1355	1369	6835	12.08	31.08	12.08	1.78	9.83	13.22	68.92	0.7
38	gi|4586876|dbj|BAA36753.1|	1356	1370	6836	11.49	31.56	15.15	1.75	11.49	11.33	29.37	0.76
38	gi|4586876|dbj|BAA36753.1|	1357	1371	6837	12.71	31.57	18.34	7.41	12.71	12.05	26.93	0.81
38	gi|4586876|dbj|BAA36753.1|	1358	1372	6838	15.64	28.94	21.89	7.41	15.64	13.88	39.99	2.2
38	gi|4586876|dbj|BAA36753.1|	1359	1373	6839	14.62	33.16	8.85	12.31	15.64	14.62	26.42	2.02
38	gi|4586876|dbj|BAA36753.1|	1362	1376	6840	15.9	23.72	10.78	27.2	13.96	14.14	16.31	15.9
38	gi|4586876|dbj|BAA36753.1|	1363	1377	6841	13.96	23.72	7.66	28.16	13.96	7.23	14.84	12.4
38	gi|4586876|dbj|BAA36753.1|	1364	1378	6842	13.96	19	7.89	42.55	13.96	5.02	14.84	6.81
38	gi|4586876|dbj|BAA36753.1|	1365	1379	6843	13.96	15.45	9.94	35.39	13.96	5.87	14.84	5.42
38	gi|4586876|dbj|BAA36753.1|	1366	1380	6844	14.84	20.59	29.43	38.33	13.96	8.35	14.84	7.4
38	gi|4586876|dbj|BAA36753.1|	1390	1404	6845	9.54	8.34	7.92	9.75	31.66	19.01	9.54	1.92
38	gi|4586876|dbj|BAA36753.1|	1391	1405	6846	9.03	8.34	9.03	9.75	40.47	12.96	7.45	1.91
38	gi|4586876|dbj|BAA36753.1|	1392	1406	6847	9.75	8.34	11.72	9.75	75.22	12.72	5.79	1.95
38	gi|4586876|dbj|BAA36753.1|	1393	1407	6848	9.75	8.34	12.26	9.75	75.22	11.63	5.58	1.81
38	gi|4586876|dbj|BAA36753.1|	1394	1408	6849	11.97	8.34	15.15	11.97	75.22	16.4	5.13	1.93
38	gi|4586876|dbj|BAA36753.1|	1395	1409	6850	16.88	8.34	17.35	16.88	75.22	20.02	4.23	5.51
38	gi|4586876|dbj|BAA36753.1|	1401	1415	6851	17.8	8.84	17.78	24.21	57.22	16.6	24.1	17.8
38	gi|4586876|dbj|BAA36753.1|	1402	1416	6852	17.8	8.84	17.78	32.53	12.89	19.9	22.66	17.8
38	gi|4586876|dbj|BAA36753.1|	1403	1417	6853	17.8	8.84	17.78	32.45	12.99	24.4	22.66	17.8
38	gi|4586876|dbj|BAA36753.1|	1404	1418	6854	17.8	10.22	17.78	34	11.41	28.24	22.66	17.8
38	gi|4586876|dbj|BAA36753.1|	1405	1419	6855	17.8	10.22	17.78	34.82	11.6	36.26	22.66	17.8
38	gi|4586876|dbj|BAA36753.1|	1414	1428	6856	17.08	5.69	15.14	23.3	10.94	22.72	44.45	17.08
38	gi|4586876|dbj|BAA36753.1|	1416	1430	6857	18.73	5.69	22.17	18.73	9.35	21.31	16.43	27.27
38	gi|4586876|dbj|BAA36753.1|	1417	1431	6858	10.8	5.69	24.59	2.5	10.8	17.14	10.55	27.55

Table 2

38	gi|4586876|dbj|BAA36753.1|	1418	1432	6859	3.74	1.59	9.99	0.58	10.72	13.04	3.74	1.41
38	gi|4586876|dbj|BAA36753.1|	1419	1433	6860	3.7	1.59	14.34	0.42	10.72	10.98	3.7	1.29
38	gi|4586876|dbj|BAA36753.1|	1420	1434	6861	3.79	1.59	15.67	0.41	10.72	9.34	3.79	1.27
38	gi|4586876|dbj|BAA36753.1|	1421	1435	6862	3.18	1.59	15.67	0.44	10.72	7.79	3.18	1.1
38	gi|4586876|dbj|BAA36753.1|	1422	1436	6863	3.1	1.59	15.67	0.64	10.72	8.18	3.1	1.1
38	gi|4586876|dbj|BAA36753.1|	1423	1437	6864	5.16	5.16	15.67	1.15	10.72	10.28	4.87	2.23
38	gi|4586876|dbj|BAA36753.1|	1424	1438	6865	6.57	4.44	15.67	2.5	10.72	17.04	6.57	2.14
38	gi|4586876|dbj|BAA36753.1|	1425	1439	6866	15.26	5.69	43.3	8.01	29.58	20	15.26	3.73
38	gi|4586876|dbj|BAA36753.1|	1426	1440	6867	5.69	5.69	36.56	2.92	26.32	16.9	2.78	3.73
38	gi|4586876|dbj|BAA36753.1|	1427	1441	6868	5.69	5.69	40.58	2.43	23.76	14.63	2.78	3.73
38	gi|4586876|dbj|BAA36753.1|	1428	1442	6869	5.69	5.69	46.69	2.08	32.17	14.28	2.63	3.73
38	gi|4586876|dbj|BAA36753.1|	1429	1443	6870	5.69	5.69	24.57	1.93	41.7	15.3	2.78	3.73
38	gi|4586876|dbj|BAA36753.1|	1430	1444	6871	4.08	5.69	1.1	2.36	41.05	17.11	2.94	4.08
38	gi|4586876|dbj|BAA36753.1|	1431	1445	6872	8.16	7.76	1.17	8.16	56.77	23.78	6.24	11.66
38	gi|4586876|dbj|BAA36753.1|	1432	1446	6873	12.22	23.47	0.89	10.26	37.89	21.61	11.14	12.22
38	gi|4586876|dbj|BAA36753.1|	1444	1458	6874	18.55	9.61	32.83	18.55	10.99	27.91	0.22	18.75
38	gi|4586876|dbj|BAA36753.1|	1445	1459	6875	15.26	15.09	41.65	18.55	11.41	29.04	0.25	15.26
38	gi|4586876|dbj|BAA36753.1|	1446	1460	6876	15.26	15.09	40.39	16.16	10.87	30.39	0.51	15.26
38	gi|4586876|dbj|BAA36753.1|	1447	1461	6877	14.98	4.01	47.01	15.37	16.85	14.98	0.57	7.03
38	gi|4586876|dbj|BAA36753.1|	1448	1462	6878	7.03	4.01	8.03	4.63	20.54	9.49	0.23	7.03
38	gi|4586876|dbj|BAA36753.1|	1449	1463	6879	7.03	4.01	10.31	5.56	20.54	9.35	0.31	7.03
38	gi|4586876|dbj|BAA36753.1|	1450	1464	6880	7.03	4.01	11.97	5.52	42.7	7.44	0.31	7.03
38	gi|4586876|dbj|BAA36753.1|	1451	1465	6881	7.03	2.21	9.99	4.1	48.38	7.49	0.35	7.03
38	gi|4586876|dbj|BAA36753.1|	1452	1466	6882	7.03	2.21	10.16	3.7	32.4	8.18	0.54	7.03
38	gi|4586876|dbj|BAA36753.1|	1453	1467	6883	3.94	2.21	3.94	3.39	32.4	8.65	1.2	7.03
38	gi|4586876|dbj|BAA36753.1|	1454	1468	6884	4.47	2.85	4.17	4.47	26.57	14.29	1.94	8.42
38	gi|4586876|dbj|BAA36753.1|	1455	1469	6885	6.6	2.93	6.4	6.6	26.08	14.72	6.31	9.84
38	gi|4586876|dbj|BAA36753.1|	1456	1470	6886	10.46	2.95	7.48	9.58	24.96	19.85	10.46	14.04
38	gi|4586876|dbj|BAA36753.1|	1457	1471	6887	18.29	3.06	16.68	18.29	25.1	30.09	10.68	23.14
38	gi|4586876|dbj|BAA36753.1|	1458	1472	6888	11.1	4.37	8.5	17.55	11.1	26.82	11.85	9.46
38	gi|4586876|dbj|BAA36753.1|	1459	1473	6889	15.94	4.37	9.8	29.13	2.41	18.13	15.94	17.18
38	gi|4586876|dbj|BAA36753.1|	1460	1474	6890	17.18	4.37	21.32	25.83	2.18	13.13	21.85	17.18
38	gi|4586876|dbj|BAA36753.1|	1461	1475	6891	17.18	2.18	29.72	28.08	2.45	13.13	34.07	17.18
38	gi|4586876|dbj|BAA36753.1|	1462	1476	6892	17.18	1.24	32.85	31.84	2.49	14.8	38.05	17.18
38	gi|4586876|dbj|BAA36753.1|	1467	1481	6893	18.39	5.06	38.92	6.48	18.39	65.72	62.68	4.69
38	gi|4586876|dbj|BAA36753.1|	1468	1482	6894	15.2	6.06	41.19	6.48	18.37	69.82	15.2	4.69
38	gi|4586876|dbj|BAA36753.1|	1469	1483	6895	12.48	5.96	42.93	9.02	18.04	63.12	12.48	4.69
38	gi|4586876|dbj|BAA36753.1|	1470	1484	6896	9.31	4.69	35.5	8.35	12.28	49.41	9.31	4.69
38	gi|4586876|dbj|BAA36753.1|	1471	1485	6897	9.92	6.76	41.73	9.92	15.02	47.08	9.31	4.69
38	gi|4586876|dbj|BAA36753.1|	1472	1486	6898	9.41	6.74	36.56	9.41	17.51	46.33	6.07	4.89
38	gi|4586876|dbj|BAA36753.1|	1473	1487	6899	10.99	9.44	45.09	10.99	20.57	47.42	5.37	5.39
38	gi|4586876|dbj|BAA36753.1|	1474	1488	6900	15.56	9.63	45.09	15.56	30.19	48.35	4.54	13.47
38	gi|4586876|dbj|BAA36753.1|	1475	1489	6901	15.08	15.08	25.31	18.81	13.95	37.19	9.31	3.02
38	gi|4586876|dbj|BAA36753.1|	1476	1490	6902	17.2	17.2	28.58	21.08	14.47	27.2	9.31	2.76
38	gi|4586876|dbj|BAA36753.1|	1477	1491	6903	19.53	19.53	25.78	33.74	14.48	26.29	14.49	2.57
38	gi|4586876|dbj|BAA36753.1|	1483	1497	6904	16.44	14.41	16.44	43.29	7.03	36.51	39.98	8.42
38	gi|4586876|dbj|BAA36753.1|	1484	1498	6905	18.83	14.41	18.83	43.45	6.15	24.6	43.75	8.42
38	gi|4586876|dbj|BAA36753.1|	1485	1499	6906	15.61	14.41	16.85	39.88	4.94	15.61	43.52	8.42

Table 2

38	gi|4586876|dbj|BAA36753.1|	1486	1500	6907	14.41	14.41	14.78	38.32	4.16	11.99	38.91	8.42
38	gi|4586876|dbj|BAA36753.1|	1487	1501	6908	15.68	14.41	16.97	20.1	6.72	15.68	50.46	8.42
38	gi|4586876|dbj|BAA36753.1|	1488	1502	6909	17.9	14.41	17.9	20.1	9.8	23.78	38.07	10.83
38	gi|4586876|dbj|BAA36753.1|	1489	1503	6910	14.41	14.41	20.99	12.08	9.8	52.96	21.94	10.57
38	gi|4586876|dbj|BAA36753.1|	1490	1504	6911	15.77	15.77	38.25	11.28	9.8	63.18	12.61	19.1
38	gi|4586876|dbj|BAA36753.1|	1491	1505	6912	15.77	15.77	38.25	10.24	9.8	67.87	13.07	21.29
38	gi|4586876|dbj|BAA36753.1|	1492	1506	6913	15.77	15.77	38.25	10.62	9.8	73.28	12.33	30.84
38	gi|4586876|dbj|BAA36753.1|	1493	1507	6914	9.8	3.51	14.84	4.37	9.8	79.31	8	19.33
38	gi|4586876|dbj|BAA36753.1|	1494	1508	6915	9.8	6.3	11.59	4.62	9.8	81.68	8	12.23
38	gi|4586876|dbj|BAA36753.1|	1495	1509	6916	11	6.29	11.89	4.59	30.43	83.2	8	11
38	gi|4586876|dbj|BAA36753.1|	1496	1510	6917	11.59	5.84	11.59	0.81	43.75	32.86	13.44	0.11
38	gi|4586876|dbj|BAA36753.1|	1497	1511	6918	11.59	4.44	11.59	0.73	37.47	17.04	36.75	0.11
38	gi|4586876|dbj|BAA36753.1|	1498	1512	6919	11.59	2.46	11.59	0.83	36.93	11.65	36.75	0.11
38	gi|4586876|dbj|BAA36753.1|	1499	1513	6920	8.63	2.46	11.59	0.78	36.12	8.63	32.71	0.11
38	gi|4586876|dbj|BAA36753.1|	1500	1514	6921	7.66	5.67	24.69	0.74	37.36	7.66	27.59	0.11
38	gi|4586876|dbj|BAA36753.1|	1501	1515	6922	8.56	5.67	24.69	0.69	42.21	8.56	22.72	0.11
38	gi|4586876|dbj|BAA36753.1|	1502	1516	6923	5.67	5.67	4.12	0.66	19.51	11.62	19.82	0.11
38	gi|4586876|dbj|BAA36753.1|	1503	1517	6924	5.67	5.67	2.78	1.07	19.51	14.53	20.73	3.73
38	gi|4586876|dbj|BAA36753.1|	1504	1518	6925	6.93	6.93	4.31	1.71	19.51	17.59	43.53	5.05
38	gi|4586876|dbj|BAA36753.1|	1505	1519	6926	8.34	23.55	3.97	6.18	8.34	16.64	10.68	5.05
38	gi|4586876|dbj|BAA36753.1|	1506	1520	6927	8.91	34	5.99	8.91	8.34	22.45	10.68	5.05
38	gi|4586876|dbj|BAA36753.1|	1507	1521	6928	10.68	46.81	8.6	19.48	8.34	27.16	10.68	5.05
38	gi|4586876|dbj|BAA36753.1|	1508	1522	6929	10.68	70.94	8.5	17.24	8.34	29.13	10.68	5.05
38	gi|4586876|dbj|BAA36753.1|	1509	1523	6930	17.16	30.67	17.16	23.8	8.34	30.77	10.68	11.66
38	gi|4586876|dbj|BAA36753.1|	1510	1524	6931	10.68	8.9	21.47	13.41	8.34	22.62	10.68	4.01
38	gi|4586876|dbj|BAA36753.1|	1511	1525	6932	8.34	7.72	21.19	12.32	8.34	16.04	7.63	4.01
38	gi|4586876|dbj|BAA36753.1|	1512	1526	6933	13.16	7.74	27.05	13.16	24.65	16.9	6.12	4.72
38	gi|4586876|dbj|BAA36753.1|	1513	1527	6934	15.17	7.72	33.71	15.17	24.65	20.01	2.81	4.79
38	gi|4586876|dbj|BAA36753.1|	1514	1528	6935	16.25	9.89	44.02	16.25	24.65	25.41	3.18	8.08
38	gi|4586876|dbj|BAA36753.1|	1517	1531	6936	18.99	10.55	37.49	15.62	53.31	39.3	7.56	18.99
38	gi|4586876|dbj|BAA36753.1|	1518	1532	6937	19.13	7.55	43.25	15.86	27.5	26.36	6.65	19.13
38	gi|4586876|dbj|BAA36753.1|	1519	1533	6938	19.64	8.05	50.52	16.32	27.5	24.75	6.29	19.64
38	gi|4586876|dbj|BAA36753.1|	1520	1534	6939	17.11	8.01	57.49	17.11	27.23	22.94	10.02	8.29
38	gi|4586876|dbj|BAA36753.1|	1521	1535	6940	14.38	10.63	62.06	14.38	27.25	24.77	13.58	4.28
38	gi|4586876|dbj|BAA36753.1|	1527	1541	6941	19.74	6.07	10.24	23.93	4.58	33.51	40.27	19.74
38	gi|4586876|dbj|BAA36753.1|	1531	1545	6942	17.11	17.11	8.27	53.3	4.59	17.49	25.04	11.99
38	gi|4586876|dbj|BAA36753.1|	1532	1546	6943	11.16	13.24	8.27	49.2	8.88	10.77	20.54	11.16
38	gi|4586876|dbj|BAA36753.1|	1533	1547	6944	8.4	8.24	8.64	47.81	8.4	5.98	17.62	7.9
38	gi|4586876|dbj|BAA36753.1|	1534	1548	6945	9.25	6.05	9.25	41.49	23.23	4.32	13.41	5.82
38	gi|4586876|dbj|BAA36753.1|	1535	1549	6946	12.47	12.59	12.47	32.29	23.23	7.57	6.64	5.79
38	gi|4586876|dbj|BAA36753.1|	1536	1550	6947	17.15	17.15	23.46	32.84	23.23	16.78	6.42	6.61
38	gi|4586876|dbj|BAA36753.1|	1541	1555	6948	12.46	0.41	39.45	28.49	13.25	12.46	2.41	10.44
38	gi|4586876|dbj|BAA36753.1|	1542	1556	6949	11.66	0.4	45.74	30.55	13.39	8.65	4.4	11.66
38	gi|4586876|dbj|BAA36753.1|	1543	1557	6950	13.11	0.31	52.09	33.82	13.37	7.49	4.37	13.11
38	gi|4586876|dbj|BAA36753.1|	1544	1558	6951	13.1	0.27	57.92	33.23	13.58	8.38	4.51	13.1
38	gi|4586876|dbj|BAA36753.1|	1545	1559	6952	15.37	0.66	40.61	21.05	16.43	9.59	15.37	4.46
38	gi|4586876|dbj|BAA36753.1|	1546	1560	6953	13.94	1.01	34.82	13.94	20.55	7.36	18.15	2.98
38	gi|4586876|dbj|BAA36753.1|	1547	1561	6954	15.06	1.01	38.76	15.06	24.37	9.71	19.94	3

Table 2

38	gi|4586876|dbj|BAA36753.1|	1548	1562	6955	13.48	9.09	38.55	13.48	28.5	9.44	19.1	3.1
38	gi|4586876|dbj|BAA36753.1|	1549	1563	6956	15.93	9.65	41.4	15.93	28.5	10.42	37.12	3.22
38	gi|4586876|dbj|BAA36753.1|	1566	1580	6957	9.98	1.39	6.9	9.98	43.74	46.4	10.13	9.8
38	gi|4586876|dbj|BAA36753.1|	1567	1581	6958	8.14	1.39	8.14	3.04	13.48	43.69	9.15	3.43
38	gi|4586876|dbj|BAA36753.1|	1568	1582	6959	4.71	1.39	11.7	2.95	13.48	40.29	4.71	3.4
38	gi|4586876|dbj|BAA36753.1|	1569	1583	6960	3.47	1.39	16.73	3.42	13.48	41.46	3.47	3.46
38	gi|4586876|dbj|BAA36753.1|	1570	1584	6961	3.82	1.39	25.13	1.38	13.48	44.39	3.82	3.81
38	gi|4586876|dbj|BAA36753.1|	1571	1585	6962	4.22	1.39	36.19	0.43	13.48	42.34	4.22	2.74
38	gi|4586876|dbj|BAA36753.1|	1572	1586	6963	3.93	1.39	19.99	0.32	13.48	23.28	1.64	3.93
38	gi|4586876|dbj|BAA36753.1|	1573	1587	6964	9.38	9.38	19.04	0.32	13.48	14.77	0.79	3.74
38	gi|4586876|dbj|BAA36753.1|	1574	1588	6965	6.58	6.58	12.7	0.32	34.88	15.3	0.86	4.16
38	gi|4586876|dbj|BAA36753.1|	1575	1589	6966	3.52	0.96	3.52	0.35	34.09	10.23	0.83	4.17
38	gi|4586876|dbj|BAA36753.1|	1576	1590	6967	3.61	0.92	3.61	0.55	26.05	8.52	0.78	7.83
38	gi|4586876|dbj|BAA36753.1|	1577	1591	6968	2.27	0.85	1.04	3.8	22.7	7.78	0.72	2.27
38	gi|4586876|dbj|BAA36753.1|	1578	1592	6969	2.15	0.8	0.94	8.46	21.32	8.25	0.84	2.15
38	gi|4586876|dbj|BAA36753.1|	1579	1593	6970	5.79	1.14	0.91	9.92	20.73	9.56	1.93	5.79
38	gi|4586876|dbj|BAA36753.1|	1580	1594	6971	5.79	2.21	0.96	9.92	24.66	14.49	1.32	5.79
38	gi|4586876|dbj|BAA36753.1|	1581	1595	6972	5.79	2.4	1.41	8.99	28.91	25.39	1.07	5.79
38	gi|4586876|dbj|BAA36753.1|	1582	1596	6973	12.89	15.15	3.45	12.89	34.18	45.91	1.08	6.41
38	gi|4586876|dbj|BAA36753.1|	1583	1597	6974	6.46	4.77	3.51	14.5	28.88	73.48	0.67	6.46
38	gi|4586876|dbj|BAA36753.1|	1584	1598	6975	12.34	4.77	21.76	12.34	28.88	67.54	0.44	1.82
38	gi|4586876|dbj|BAA36753.1|	1585	1599	6976	7.37	4.93	21.53	7.37	28.88	45.14	0.64	1.58
38	gi|4586876|dbj|BAA36753.1|	1586	1600	6977	6.56	4.77	24.45	6.56	28.88	36.62	0.68	1.58
38	gi|4586876|dbj|BAA36753.1|	1587	1601	6978	6.52	6.52	27	5.44	28.88	33.59	0.93	1.57
38	gi|4586876|dbj|BAA36753.1|	1588	1602	6979	6.45	6.45	30.02	5.54	28.88	36.1	0.67	1.66
38	gi|4586876|dbj|BAA36753.1|	1589	1603	6980	10.26	10.26	32.66	6.78	28.88	40.89	0.58	3.97
38	gi|4586876|dbj|BAA36753.1|	1590	1604	6981	13.64	11.01	37.35	13.64	61.26	52.28	1.35	5.02
38	gi|4586876|dbj|BAA36753.1|	1599	1613	6982	19.4	42.56	16.63	19.4	11.11	32.44	13.09	27.98
38	gi|4586876|dbj|BAA36753.1|	1600	1614	6983	16.9	13.22	16.9	19.63	11.11	25.3	13.09	28.3
38	gi|4586876|dbj|BAA36753.1|	1601	1615	6984	18.15	12.58	15.97	18.66	20.6	18.15	9.48	27.4
38	gi|4586876|dbj|BAA36753.1|	1602	1616	6985	10.67	9.9	9.78	12.06	11.11	10.67	3.69	12.73
38	gi|4586876|dbj|BAA36753.1|	1603	1617	6986	9.4	9.4	9.04	12.04	11.11	7.62	2.26	12.48
38	gi|4586876|dbj|BAA36753.1|	1604	1618	6987	10.03	10.03	9.43	17.56	11.11	8.45	1.7	13.88
38	gi|4586876|dbj|BAA36753.1|	1605	1619	6988	13.56	8.34	19.31	17.52	7.29	13.89	1.98	13.56
38	gi|4586876|dbj|BAA36753.1|	1606	1620	6989	18.64	5.8	18.94	18.64	6.78	19.36	2.61	21.62
38	gi|4586876|dbj|BAA36753.1|	1607	1621	6990	18.64	3.99	26.02	18.64	7.07	23	5.24	23.59
38	gi|4586876|dbj|BAA36753.1|	1608	1622	6991	18.64	2.96	34.77	18.64	7.74	30.3	6.81	21.62
38	gi|4586876|dbj|BAA36753.1|	1609	1623	6992	17.8	5.58	46.41	18.55	12.2	33.1	11.79	17.8
38	gi|4586876|dbj|BAA36753.1|	1610	1624	6993	14.16	9.62	65.56	14.16	19.3	31.86	4.99	2.08
38	gi|4586876|dbj|BAA36753.1|	1611	1625	6994	10.94	2.36	69.3	10.94	23.38	30.85	2.27	1.99
38	gi|4586876|dbj|BAA36753.1|	1612	1626	6995	10.52	8.73	63.51	10.52	23.38	30.21	0.77	1.98
38	gi|4586876|dbj|BAA36753.1|	1613	1627	6996	7.49	7.49	30.13	7.3	23.38	26.16	0.41	1.92
38	gi|4586876|dbj|BAA36753.1|	1614	1628	6997	8.58	8.58	32.87	7.98	23.38	27.28	0.22	1.99
38	gi|4586876|dbj|BAA36753.1|	1615	1629	6998	11.94	11.94	34.97	8.01	23.38	30.15	0.15	5.55
38	gi|4586876|dbj|BAA36753.1|	1616	1630	6999	14.78	12.91	38.51	14.78	23.38	40.78	0.13	5.75
38	gi|4586876|dbj|BAA36753.1|	1630	1644	7000	18.54	8.34	45.63	14.53	18.54	72	39.03	15.26
38	gi|4586876|dbj|BAA36753.1|	1631	1645	7001	18.54	8.34	45.63	17.78	18.54	73.93	39.03	17.72
38	gi|4586876|dbj|BAA36753.1|	1633	1647	7002	18.54	7.21	45.63	11.15	18.54	62.26	33.01	16.51

Table 2

38	gi|4586876|dbj|BAA36753.1|	1634	1648	7003	13.35	13.35	2.84	8.57	18.54	21.12	33.34	1.25
38	gi|4586876|dbj|BAA36753.1|	1635	1649	7004	8.07	7.21	2.84	8.57	32.64	8.07	29.65	1.05
38	gi|4586876|dbj|BAA36753.1|	1636	1650	7005	7.21	7.21	2.84	7.41	32.64	6.65	38.22	1.05
38	gi|4586876|dbj|BAA36753.1|	1637	1651	7006	7.21	7.21	2.84	7.41	32.64	4.12	42.05	1.05
38	gi|4586876|dbj|BAA36753.1|	1638	1652	7007	7.21	7.21	2.84	7.41	43.31	5.09	38.83	1.05
38	gi|4586876|dbj|BAA36753.1|	1639	1653	7008	7.37	7.21	2.84	12.66	46.94	7.37	33.61	1.05
38	gi|4586876|dbj|BAA36753.1|	1640	1654	7009	15.43	12.29	2.84	15.43	47.07	17.87	28.3	2.16
38	gi|4586876|dbj|BAA36753.1|	1644	1658	7010	18.42	8.15	52.47	34.21	48.72	18.42	10.13	4.06
38	gi|4586876|dbj|BAA36753.1|	1645	1659	7011	13.45	2.1	45.61	19.8	41.89	13.45	6.27	3.93
38	gi|4586876|dbj|BAA36753.1|	1646	1660	7012	7.05	2.12	33.15	1.76	33.12	11.33	7.05	2.89
38	gi|4586876|dbj|BAA36753.1|	1647	1661	7013	9.1	2.27	40.78	1.76	35.56	13.27	9.1	6.18
38	gi|4586876|dbj|BAA36753.1|	1648	1662	7014	13.63	2.45	49.8	1.76	37.78	20.82	13.63	6.33
38	gi|4586876|dbj|BAA36753.1|	1649	1663	7015	11.46	2.99	33.73	2.16	24.22	22.98	11.46	5.18
38	gi|4586876|dbj|BAA36753.1|	1650	1664	7016	11.96	6.53	36.59	2.16	24.22	24.19	11.96	5.21
38	gi|4586876|dbj|BAA36753.1|	1651	1665	7017	10.37	6.37	19.03	3.21	24.22	24.11	10.37	5.61
38	gi|4586876|dbj|BAA36753.1|	1652	1666	7018	14.69	12.46	14.86	4.51	24.22	15.92	14.69	5.56
38	gi|4586876|dbj|BAA36753.1|	1653	1667	7019	14.92	8.03	14.92	18.87	24.22	9.2	15.37	4.77
38	gi|4586876|dbj|BAA36753.1|	1654	1668	7020	14.21	7.91	15.14	24.04	24.22	6.41	14.21	7.46
38	gi|4586876|dbj|BAA36753.1|	1655	1669	7021	14.57	7.92	17.41	28.59	24.22	6.34	14.57	7.59
38	gi|4586876|dbj|BAA36753.1|	1667	1681	7022	6.59	2.99	6.59	6.22	1.63	72.19	19.27	24.65
38	gi|4586876|dbj|BAA36753.1|	1668	1682	7023	6.59	2.7	6.59	5.66	0.67	67.24	22.79	17.91
38	gi|4586876|dbj|BAA36753.1|	1669	1683	7024	1.95	1.75	6.59	1.95	0.68	32.8	29.46	0.7
38	gi|4586876|dbj|BAA36753.1|	1670	1684	7025	2.17	1.66	6.59	2.17	0.65	23.29	25.95	0.7
38	gi|4586876|dbj|BAA36753.1|	1671	1685	7026	2.23	1.61	6.59	2.23	0.65	19.18	32.27	0.7
38	gi|4586876|dbj|BAA36753.1|	1672	1686	7027	1.75	1.42	6.59	1.75	1.22	17.53	28.16	0.7
38	gi|4586876|dbj|BAA36753.1|	1673	1687	7028	2.38	0.89	6.59	1.75	2.38	19.78	10.87	0.7
38	gi|4586876|dbj|BAA36753.1|	1674	1688	7029	6.64	0.89	8.27	2.13	55.58	23.68	6.64	0.7
38	gi|4586876|dbj|BAA36753.1|	1675	1689	7030	3.05	0.89	8.27	2.13	58.13	26.19	3.05	0.7
38	gi|4586876|dbj|BAA36753.1|	1676	1690	7031	3.25	0.89	8.27	2.13	53.58	17.23	0.61	3.25
38	gi|4586876|dbj|BAA36753.1|	1677	1691	7032	3.61	2.24	8.27	2.13	54.04	11.99	0.44	3.61
38	gi|4586876|dbj|BAA36753.1|	1678	1692	7033	3.81	1.63	8.27	2.13	56.22	12.98	0.29	3.81
38	gi|4586876|dbj|BAA36753.1|	1679	1693	7034	3.6	2.26	14.21	2.61	50.51	10.26	0.24	3.6
38	gi|4586876|dbj|BAA36753.1|	1680	1694	7035	3.94	1.57	11.52	2.62	52.99	9.7	0.26	3.94
38	gi|4586876|dbj|BAA36753.1|	1681	1695	7036	8.83	1.55	9.23	8.75	52.86	10.42	0.3	8.83
38	gi|4586876|dbj|BAA36753.1|	1682	1696	7037	9.82	4.37	11.9	9.82	47.56	14.73	0.33	9.45
38	gi|4586876|dbj|BAA36753.1|	1683	1697	7038	17.8	2.61	16.28	37.95	47.56	22.48	6.45	17.8
38	gi|4586876|dbj|BAA36753.1|	1687	1701	7039	19.08	0.59	6.99	19.29	37.09	42.6	10	19.08
38	gi|4586876|dbj|BAA36753.1|	1688	1702	7040	18.97	0.59	9.42	19.2	35.83	31.4	6.79	18.97
38	gi|4586876|dbj|BAA36753.1|	1689	1703	7041	11.08	0.59	7.21	13.71	32.33	25.04	4.06	11.08
38	gi|4586876|dbj|BAA36753.1|	1690	1704	7042	12.26	0.59	10.09	18.04	31.05	23.15	3.1	12.26
38	gi|4586876|dbj|BAA36753.1|	1691	1705	7043	14.26	0.59	14.26	18.35	37.37	24.77	4.22	12.09
38	gi|4586876|dbj|BAA36753.1|	1692	1706	7044	17.37	0.59	17.37	21.17	44.28	25.48	4.29	13.61
38	gi|4586876|dbj|BAA36753.1|	1693	1707	7045	13.3	0.59	19.47	4.99	37.07	27.9	4.09	13.3
38	gi|4586876|dbj|BAA36753.1|	1694	1708	7046	14.81	14.81	14.66	5.86	41.52	30.44	10.03	15.88
38	gi|4586876|dbj|BAA36753.1|	1695	1709	7047	14.66	12.33	14.66	5.37	39.25	27.75	16.12	14.14
38	gi|4586876|dbj|BAA36753.1|	1696	1710	7048	17.8	12.45	14.66	5.8	38.07	30.3	26.12	17.8
38	gi|4586876|dbj|BAA36753.1|	1697	1711	7049	17.8	13.06	14.66	4.83	36.96	33.59	28.92	17.8
38	gi|4586876|dbj|BAA36753.1|	1698	1712	7050	17.8	14.21	14.66	5.86	39.88	41	24.9	17.8

Table 2

38	gi|4586876|dbj|BAA36753.1|	1700	1714	7051	16.84	6.64	14.66	11.13	16.84	44.75	28.92	20.34
38	gi|4586876|dbj|BAA36753.1|	1701	1715	7052	16.34	2.71	29.06	15.5	16.34	28.63	24.73	10.66
38	gi|4586876|dbj|BAA36753.1|	1702	1716	7053	9.7	2.1	4.98	18.27	13.34	15.58	7.81	9.7
38	gi|4586876|dbj|BAA36753.1|	1703	1717	7054	7.81	2.06	6.11	19.03	12.91	9.68	7.81	3.73
38	gi|4586876|dbj|BAA36753.1|	1704	1718	7055	8.26	2.08	8.26	22.49	18.97	10.5	7.81	3.81
38	gi|4586876|dbj|BAA36753.1|	1705	1719	7056	12.73	2.82	12.73	27.16	27.45	13.27	7.81	4.06
38	gi|4586876|dbj|BAA36753.1|	1706	1720	7057	16.06	4.73	16.06	32.26	32.71	20.05	7.81	5.14
38	gi|4586876|dbj|BAA36753.1|	1736	1750	7058	17.8	28.13	15.08	7.93	43.05	40.64	8.83	17.8
38	gi|4586876|dbj|BAA36753.1|	1737	1751	7059	19.42	28.13	19.42	7.93	47.41	40.64	3.51	17.8
38	gi|4586876|dbj|BAA36753.1|	1739	1753	7060	7.93	5.63	22.95	7.93	22.01	39.12	2.17	4.34
38	gi|4586876|dbj|BAA36753.1|	1740	1754	7061	5.63	5.63	17.42	1.26	21.96	37.88	1.79	2.05
38	gi|4586876|dbj|BAA36753.1|	1741	1755	7062	3.31	3.31	17.42	1.26	23.1	41.47	1.41	2.05
38	gi|4586876|dbj|BAA36753.1|	1742	1756	7063	3.31	3.31	17.42	1.26	23.01	50.58	1.5	2.05
38	gi|4586876|dbj|BAA36753.1|	1743	1757	7064	2.05	1.77	17.42	1.26	25.51	57.3	0.88	2.05
38	gi|4586876|dbj|BAA36753.1|	1744	1758	7065	2.61	2.61	17.42	1.26	25.51	60.01	0.56	2.32
38	gi|4586876|dbj|BAA36753.1|	1745	1759	7066	4.02	3.14	17.42	4.02	40.75	69.99	0.66	3.77
38	gi|4586876|dbj|BAA36753.1|	1746	1760	7067	6.04	1.77	17.42	4.21	31.36	36.4	0.65	6.04
38	gi|4586876|dbj|BAA36753.1|	1747	1761	7068	11.5	1.77	52.68	9.82	29.48	21.45	1.01	11.5
38	gi|4586876|dbj|BAA36753.1|	1748	1762	7069	12.53	1.3	42.93	14.23	25.39	12.53	1.47	11.11
38	gi|4586876|dbj|BAA36753.1|	1749	1763	7070	9.74	0.74	48.84	20.71	24.71	9.62	1.78	9.74
38	gi|4586876|dbj|BAA36753.1|	1750	1764	7071	9.44	0.44	15.68	23	22.39	9.39	4.52	9.44
38	gi|4586876|dbj|BAA36753.1|	1751	1765	7072	16.1	0.81	18.75	28.35	31.36	13.13	16.1	13.31
38	gi|4586876|dbj|BAA36753.1|	1752	1766	7073	18.99	1.51	18.99	28.35	31.36	21.33	16.1	13.25
38	gi|4586876|dbj|BAA36753.1|	1768	1782	7074	12.06	19.41	10.03	35.07	12.06	28.06	11.84	7.46
38	gi|4586876|dbj|BAA36753.1|	1769	1783	7075	11.97	19.41	5.58	35.08	11.97	15.11	8.42	7.46
38	gi|4586876|dbj|BAA36753.1|	1770	1784	7076	12.38	19.41	7.86	37.64	12.38	14.74	8.8	7.46
38	gi|4586876|dbj|BAA36753.1|	1771	1785	7077	15.21	16.02	8.26	36.59	15.21	13.52	18.43	7.46
38	gi|4586876|dbj|BAA36753.1|	1772	1786	7078	19.36	19.36	10.58	27.24	23.69	16.34	23.78	7.46
38	gi|4586876|dbj|BAA36753.1|	1774	1788	7079	18.97	19.36	18.97	12.87	4.7	52.16	19.7	13.69
38	gi|4586876|dbj|BAA36753.1|	1775	1789	7080	19.7	11.63	33.97	10.7	0.18	82.28	19.7	34.33
38	gi|4586876|dbj|BAA36753.1|	1776	1790	7081	10.66	10.66	37.73	8.83	0.19	82.86	19.7	2.25
38	gi|4586876|dbj|BAA36753.1|	1777	1791	7082	10.33	10.33	37.73	8.81	0.19	73.49	19.7	2.08
38	gi|4586876|dbj|BAA36753.1|	1778	1792	7083	10.95	10.95	37.73	8.91	0.2	68.87	19.7	2.16
38	gi|4586876|dbj|BAA36753.1|	1779	1793	7084	9.87	8.3	35.48	9.87	0.22	45.06	19.7	1.34
38	gi|4586876|dbj|BAA36753.1|	1780	1794	7085	1.16	10.2	0.76	0.49	0.46	20.38	19.7	1.16
38	gi|4586876|dbj|BAA36753.1|	1781	1795	7086	10.18	10.18	1.17	0.49	32.32	10.26	21.41	1.16
38	gi|4586876|dbj|BAA36753.1|	1782	1796	7087	1.9	1.9	1.83	0.49	17.8	3.23	4.85	1.16
38	gi|4586876|dbj|BAA36753.1|	1783	1797	7088	1.8	1.8	1.8	0.49	17.8	1.24	4.88	1.07
38	gi|4586876|dbj|BAA36753.1|	1784	1798	7089	1.8	1.8	2.95	0.49	17.8	1.04	10.08	1.15
38	gi|4586876|dbj|BAA36753.1|	1785	1799	7090	1.93	1.93	3.73	0.49	17.8	1.14	13.87	1.44
38	gi|4586876|dbj|BAA36753.1|	1786	1800	7091	5.75	6.07	5.75	0.49	17.8	2.04	18.18	2.49
38	gi|4586876|dbj|BAA36753.1|	1787	1801	7092	8.98	8.98	8.81	9.68	16.98	2.51	23.61	4.49
38	gi|4586876|dbj|BAA36753.1|	1788	1802	7093	4.16	7.21	1.07	4.16	16.98	1.08	10.25	0.62
38	gi|4586876|dbj|BAA36753.1|	1789	1803	7094	4.48	23.86	1.06	4.48	16.98	0.64	14.48	0.62
38	gi|4586876|dbj|BAA36753.1|	1790	1804	7095	3.03	13.5	0.82	3.03	16.98	0.21	14.48	0.39
38	gi|4586876|dbj|BAA36753.1|	1791	1805	7096	3.46	7.21	0.45	3.46	9.05	0.08	10.02	0.23
38	gi|4586876|dbj|BAA36753.1|	1792	1806	7097	4.75	4.92	0.45	4.75	8.78	0.06	10.3	0.34
38	gi|4586876|dbj|BAA36753.1|	1793	1807	7098	3.24	3.24	0.57	6.41	8.35	0.07	18.6	0.6

Table 2

38	gi|4586876|dbj|BAA36753.1|	1794	1808	7099	2.53	2.53	0.59	9.08	7.54	0.54	18.77	0.62
38	gi|4586876|dbj|BAA36753.1|	1795	1809	7100	9.11	5.17	4.71	34.62	9.83	2.11	26.07	9.11
38	gi|4586876|dbj|BAA36753.1|	1796	1810	7101	11.21	11.21	4.86	33.38	12.96	7.62	30.04	9.44
38	gi|4586876|dbj|BAA36753.1|	1797	1811	7102	16.98	14.41	4.86	35.34	16.98	38.5	32.39	12.77
38	gi|4586876|dbj|BAA36753.1|	1809	1823	7103	2.98	2.98	3.78	9.79	1.37	2.49	57.16	1.87
38	gi|4586876|dbj|BAA36753.1|	1810	1824	7104	2.98	2.98	4.9	9.52	1.26	0.81	47.81	1.87
38	gi|4586876|dbj|BAA36753.1|	1811	1825	7105	2.98	2.98	7.28	9.26	1.24	0.5	41.89	1.87
38	gi|4586876|dbj|BAA36753.1|	1812	1826	7106	2.5	2.5	9.12	9.62	1.26	0.47	40.44	1.87
38	gi|4586876|dbj|BAA36753.1|	1813	1827	7107	2.98	2.98	10.99	18.78	2.2	0.63	29.19	2.26
38	gi|4586876|dbj|BAA36753.1|	1814	1828	7108	3.61	2.98	9.51	13.53	3.61	1.62	20.95	2.74
38	gi|4586876|dbj|BAA36753.1|	1815	1829	7109	7.8	2.98	13.4	12.84	5.62	7.8	19.88	6.6
38	gi|4586876|dbj|BAA36753.1|	1816	1830	7110	15.95	6.67	15.95	11.28	63.84	18.77	16.65	9.11
38	gi|4586876|dbj|BAA36753.1|	1817	1831	7111	15	9.96	20.04	10.33	63.36	21.22	15	9.24
38	gi|4586876|dbj|BAA36753.1|	1820	1834	7112	14.23	26.88	8.18	14.23	9.27	28.13	10.46	29.51
38	gi|4586876|dbj|BAA36753.1|	1821	1835	7113	11.11	13.72	7.6	15.66	7.55	13.07	10.46	11.11
38	gi|4586876|dbj|BAA36753.1|	1822	1836	7114	8.99	13.72	4.89	8.99	7.55	4.11	10.46	11.11
38	gi|4586876|dbj|BAA36753.1|	1823	1837	7115	8.49	12.77	5.48	8.49	7.55	2.08	10.46	11.11
38	gi|4586876|dbj|BAA36753.1|	1824	1838	7116	8.81	9.2	7.6	8.81	7.55	1.96	10.46	11.11
38	gi|4586876|dbj|BAA36753.1|	1825	1839	7117	9.28	10.98	7.6	9.28	7.55	2.91	12.91	11.11
38	gi|4586876|dbj|BAA36753.1|	1826	1840	7118	11.11	13.72	7.6	11.39	7.55	8.47	18.36	11.11
38	gi|4586876|dbj|BAA36753.1|	1827	1841	7119	18.33	13.72	14.66	18.33	50.88	29.98	21.72	11.55
38	gi|4586876|dbj|BAA36753.1|	1828	1842	7120	16.54	2.95	14.66	6.31	41.9	64.4	17.97	16.54
38	gi|4586876|dbj|BAA36753.1|	1830	1844	7121	18.27	2.95	40.18	3.74	25.93	80.2	11.72	18.27
38	gi|4586876|dbj|BAA36753.1|	1831	1845	7122	15.53	2.95	40.35	3.49	22.98	76.48	10.64	15.53
38	gi|4586876|dbj|BAA36753.1|	1832	1846	7123	11.8	2.95	40.35	3.31	23.43	76.58	8.7	11.8
38	gi|4586876|dbj|BAA36753.1|	1833	1847	7124	14.66	2.95	40.35	7.28	24.52	77.1	6.27	14.66
38	gi|4586876|dbj|BAA36753.1|	1834	1848	7125	12.99	2.95	40.35	5.18	28.1	73.3	6.26	12.99
38	gi|4586876|dbj|BAA36753.1|	1835	1849	7126	7.72	7.72	40.35	6.56	4.34	66.39	0.63	10.63
38	gi|4586876|dbj|BAA36753.1|	1836	1850	7127	6.98	6.58	33.29	6.98	5.83	56.73	0.99	10.59
38	gi|4586876|dbj|BAA36753.1|	1837	1851	7128	7.23	4.77	37.07	7.23	1.73	31.09	2.51	8.55
38	gi|4586876|dbj|BAA36753.1|	1838	1852	7129	6.73	2.89	31.94	6.73	0.68	17.83	4.37	8.53
38	gi|4586876|dbj|BAA36753.1|	1839	1853	7130	7.69	1.47	35.76	7.27	0.59	13.33	7.69	8.9
38	gi|4586876|dbj|BAA36753.1|	1840	1854	7131	8.34	0.91	39.95	6.89	0.58	11.53	8.34	11.02
38	gi|4586876|dbj|BAA36753.1|	1841	1855	7132	12.33	1.48	46.91	12.9	0.58	15.62	8.68	12.33
38	gi|4586876|dbj|BAA36753.1|	1889	1903	7133	7.17	7.17	8.74	6.41	59.08	28.34	7	5.74
38	gi|4586876|dbj|BAA36753.1|	1890	1904	7134	6.21	3.48	8.74	6.02	29.19	19.65	6.21	5.59
38	gi|4586876|dbj|BAA36753.1|	1891	1905	7135	7.04	3.5	8.74	6.24	24.85	19.01	7.04	5.73
38	gi|4586876|dbj|BAA36753.1|	1892	1906	7136	8.08	3.49	8.74	6.68	21.82	21.83	8.08	5.84
38	gi|4586876|dbj|BAA36753.1|	1893	1907	7137	8.74	3.5	8.74	6.96	20.3	23.78	9.23	5.94
38	gi|4586876|dbj|BAA36753.1|	1894	1908	7138	11.08	7.72	8.74	7.19	22.25	34.85	11.08	16.1
38	gi|4586876|dbj|BAA36753.1|	1895	1909	7139	13.28	12.35	9.17	7.96	25.07	50.62	13.67	13.28
38	gi|4586876|dbj|BAA36753.1|	1912	1926	7140	14.05	25.48	4.3	11.8	23.43	44.14	13.58	14.05
38	gi|4586876|dbj|BAA36753.1|	1913	1927	7141	14.05	30.15	6.12	11.54	17.1	32.99	8.53	14.05
38	gi|4586876|dbj|BAA36753.1|	1914	1928	7142	11.66	27.05	9.2	11.66	6.2	33.45	7.84	11.82
38	gi|4586876|dbj|BAA36753.1|	1915	1929	7143	7.67	5.17	7.67	9.72	6.2	19.78	3.61	11
38	gi|4586876|dbj|BAA36753.1|	1916	1930	7144	7.74	5.17	7.74	10	6.2	14.34	2.37	10.97
38	gi|4586876|dbj|BAA36753.1|	1917	1931	7145	9.91	5.17	9.91	13.03	6.2	12.27	1.95	16.82
38	gi|4586876|dbj|BAA36753.1|	1918	1932	7146	10.74	3.77	12.19	15.02	6.2	10.74	1.35	17.81

Table 2

38	gi|4586876|dbj|BAA36753.1|	1919	1933	7147	11.02	2.94	14.01	28.45	6.2	11.02	1.59	25.48
38	gi|4586876|dbj|BAA36753.1|	1920	1934	7148	10.18	3.48	11.1	20.36	6.2	10.18	0.77	10.38
38	gi|4586876|dbj|BAA36753.1|	1921	1935	7149	14.51	3.86	15.26	21.2	23.81	14.51	1.18	10.44
38	gi|4586876|dbj|BAA36753.1|	1922	1936	7150	18.15	4.4	18.15	26.11	29.77	21.62	2.89	11.89
38	gi|4586876|dbj|BAA36753.1|	1924	1938	7151	11.25	11.25	7.75	19.87	27.62	31.41	4.92	10.71
38	gi|4586876|dbj|BAA36753.1|	1925	1939	7152	18.53	13.04	9.42	25.67	28.87	33.9	5.37	18.53
38	gi|4586876|dbj|BAA36753.1|	1926	1940	7153	16.19	13.04	12.66	25.92	23.68	43.72	4.26	16.19
38	gi|4586876|dbj|BAA36753.1|	1936	1950	7154	14.66	15.86	6.47	14.64	34.56	14.66	25.42	3.73
38	gi|4586876|dbj|BAA36753.1|	1937	1951	7155	15.86	15.86	6.93	20.22	40.9	10.33	25.33	3.73
38	gi|4586876|dbj|BAA36753.1|	1938	1952	7156	15.86	15.86	7.31	24.82	43.23	9.56	23.84	3.73
38	gi|4586876|dbj|BAA36753.1|	1939	1953	7157	12.97	6.18	7.59	28.28	43.23	12.97	30.98	3.73
38	gi|4586876|dbj|BAA36753.1|	1940	1954	7158	16.56	10.84	5.5	33.16	43.23	16.56	30.98	4.92
38	gi|4586876|dbj|BAA36753.1|	1941	1955	7159	18.25	12.96	5.5	34.02	50.44	18.25	30.98	4.26
38	gi|4586876|dbj|BAA36753.1|	1948	1962	7160	18.52	12.69	30.21	20.98	18.52	24.81	3.62	15.66
38	gi|4586876|dbj|BAA36753.1|	1949	1963	7161	10.15	3.18	15.07	20.45	18.52	10.15	2.97	2.92
38	gi|4586876|dbj|BAA36753.1|	1950	1964	7162	6.07	2.98	13.18	19.35	18.52	6.07	2.26	2.92
38	gi|4586876|dbj|BAA36753.1|	1951	1965	7163	4.99	2.97	15.75	19.35	18.52	4.99	1.8	2.37
38	gi|4586876|dbj|BAA36753.1|	1952	1966	7164	3.89	2.26	12.31	18.76	47.76	3.82	3.89	1.34
38	gi|4586876|dbj|BAA36753.1|	1953	1967	7165	10.12	2.45	14.91	14.22	56.05	4.93	10.12	1.83
38	gi|4586876|dbj|BAA36753.1|	1954	1968	7166	14.07	4.24	16.26	14.22	56.05	8.58	14.07	2.89
38	gi|4586876|dbj|BAA36753.1|	1970	1984	7167	10.52	14.3	6.41	10.52	40.81	37.55	8.28	8.48
38	gi|4586876|dbj|BAA36753.1|	1971	1985	7168	10.41	25.85	7.42	10.41	68.92	32.84	7.56	8.82
38	gi|4586876|dbj|BAA36753.1|	1972	1986	7169	12	23.58	9.57	12	70.05	32.67	8.24	8.73
38	gi|4586876|dbj|BAA36753.1|	1973	1987	7170	13.59	40.07	13.59	11.37	70.05	31.07	5.05	8.11
38	gi|4586876|dbj|BAA36753.1|	1974	1988	7171	19.26	43.97	19.26	11.56	70.05	36.14	7.47	8.47
38	gi|4586876|dbj|BAA36753.1|	1976	1990	7172	10.95	3.31	10.95	3.49	37.99	21.55	12.42	3.31
38	gi|4586876|dbj|BAA36753.1|	1977	1991	7173	10.03	3.31	10.03	5.61	37.99	8.63	12.42	12.23
38	gi|4586876|dbj|BAA36753.1|	1978	1992	7174	5.61	3.31	2.57	5.61	37.99	5.08	12.42	12.23
38	gi|4586876|dbj|BAA36753.1|	1979	1993	7175	5.61	3.31	1.95	5.61	37.99	3	12.42	12.23
38	gi|4586876|dbj|BAA36753.1|	1980	1994	7176	5.61	3.31	2.81	5.61	33.5	3.9	12.42	12.23
38	gi|4586876|dbj|BAA36753.1|	1981	1995	7177	6.74	3.31	3.03	6.74	29.83	5.23	13.47	12.23
38	gi|4586876|dbj|BAA36753.1|	1982	1996	7178	12.23	3.31	3.55	8.28	27.43	14.92	14.47	12.23
38	gi|4586876|dbj|BAA36753.1|	1985	1999	7179	18.85	9.51	31.02	3.14	18.85	45.02	20.15	13.69
38	gi|4586876|dbj|BAA36753.1|	1986	2000	7180	17.41	9.51	39.31	3.96	18.85	44.46	17.41	14.14
38	gi|4586876|dbj|BAA36753.1|	1987	2001	7181	13.73	1.55	39.31	3.82	8.12	31.41	13.73	13.98
38	gi|4586876|dbj|BAA36753.1|	1988	2002	7182	12.34	1.55	39.31	4.51	7.41	29.79	12.34	15.59
38	gi|4586876|dbj|BAA36753.1|	1989	2003	7183	8.15	1.55	39.31	5.39	6.39	28.61	8.15	16.36
38	gi|4586876|dbj|BAA36753.1|	1990	2004	7184	10.25	1.55	39.31	10.25	6.38	26.12	8.71	17.27
38	gi|4586876|dbj|BAA36753.1|	1991	2005	7185	14.86	1.55	24.24	9.32	10.1	21.9	16.36	14.86
38	gi|4586876|dbj|BAA36753.1|	1992	2006	7186	14.65	4.16	24.24	13.19	13.56	18.32	16.36	14.65
38	gi|4586876|dbj|BAA36753.1|	1993	2007	7187	16.36	2.88	24.24	14.28	18.41	19.18	16.36	14.57
38	gi|4586876|dbj|BAA36753.1|	1994	2008	7188	18.81	18.81	24.24	16.92	22.05	18.32	19.79	14.59
38	gi|4586876|dbj|BAA36753.1|	1995	2009	7189	19.93	17.95	24.24	18.21	22.05	20.18	19.08	19.93
38	gi|4586876|dbj|BAA36753.1|	1996	2010	7190	16.21	16.21	13.12	13.64	22.05	16.13	16.64	16.54
38	gi|4586876|dbj|BAA36753.1|	1997	2011	7191	14.85	4.59	17.19	11.09	22.05	14.85	16.9	8.63
38	gi|4586876|dbj|BAA36753.1|	1998	2012	7192	11.79	9.07	13.38	11.05	48.07	13.44	11.79	8.3
38	gi|4586876|dbj|BAA36753.1|	1999	2013	7193	10.1	7.25	13.77	10.1	45.15	11.58	7.98	8.92
38	gi|4586876|dbj|BAA36753.1|	2000	2014	7194	8.08	6.49	17.75	6.64	8.08	12.35	6.91	8.92

Table 2

38	gi|4586876|dbj|BAA36753.1|	2001	2015	7195	8.92	6.46	21.04	10.08	8.08	14.74	6.62	8.92
38	gi|4586876|dbj|BAA36753.1|	2002	2016	7196	10.81	4.62	22.95	10.81	8.08	18.32	7.42	14.8
38	gi|4586876|dbj|BAA36753.1|	2003	2017	7197	10.85	3.68	28.3	12.1	8.08	22.45	10.85	2.58
38	gi|4586876|dbj|BAA36753.1|	2004	2018	7198	8.08	7.76	37.72	6.72	8.08	16.17	12.07	2.48
38	gi|4586876|dbj|BAA36753.1|	2005	2019	7199	8.55	7.76	42.98	8.55	8.08	16.24	12.07	2.6
38	gi|4586876|dbj|BAA36753.1|	2006	2020	7200	8.12	1.99	48.74	8.12	8.08	14.96	25.1	2.48
38	gi|4586876|dbj|BAA36753.1|	2007	2021	7201	14.84	1.99	34.41	8.08	43.99	14.84	19.82	2.61
38	gi|4586876|dbj|BAA36753.1|	2008	2022	7202	12.2	1.99	35.11	8.85	50.87	16.63	12.2	6.92
38	gi|4586876|dbj|BAA36753.1|	2009	2023	7203	16.21	2.02	33.81	16.21	62.43	22.64	6.17	8.05
38	gi|4586876|dbj|BAA36753.1|	2012	2026	7204	10.33	7.31	17.18	5.5	34.21	21.35	4.18	10.33
38	gi|4586876|dbj|BAA36753.1|	2013	2027	7205	18.77	24.57	21.13	5.18	34.21	18.77	5.25	6.95
38	gi|4586876|dbj|BAA36753.1|	2014	2028	7206	7.32	3.67	24.45	4.94	11.32	14.18	7.32	5.16
38	gi|4586876|dbj|BAA36753.1|	2015	2029	7207	6.92	3.67	29.71	4.77	11.32	10.4	6.92	5.14
38	gi|4586876|dbj|BAA36753.1|	2016	2030	7208	7.26	3.67	32.24	4.62	11.32	8.41	7.26	4.95
38	gi|4586876|dbj|BAA36753.1|	2017	2031	7209	8.7	3.67	40.36	9.15	11.32	8.7	7.26	6.11
38	gi|4586876|dbj|BAA36753.1|	2018	2032	7210	11.32	3.67	48.86	11.62	11.32	12.45	5.92	7.47
38	gi|4586876|dbj|BAA36753.1|	2019	2033	7211	14.26	3.68	38.78	18.55	11.32	15.43	7.73	14.26
38	gi|4586876|dbj|BAA36753.1|	2020	2034	7212	11.32	3.67	20.77	21.81	11.32	21.8	9.31	9.55
38	gi|4586876|dbj|BAA36753.1|	2021	2035	7213	13.81	5.69	18.12	22.86	13.81	24.51	6.02	11.65
38	gi|4586876|dbj|BAA36753.1|	2022	2036	7214	15.26	8.84	20.69	32.24	13.81	31.44	9.86	15.26
38	gi|4586876|dbj|BAA36753.1|	2023	2037	7215	15.26	8.84	23.84	40.33	13.81	38.21	12.51	15.26
38	gi|4586876|dbj|BAA36753.1|	2024	2038	7216	15.26	8.84	25.29	45.11	13.81	45.38	9.4	15.26
38	gi|4586876|dbj|BAA36753.1|	2032	2046	7217	19.8	19.8	73.24	12.48	32.45	61.5	17.24	9.07
38	gi|4586876|dbj|BAA36753.1|	2038	2052	7218	13.03	18.02	6.98	13.03	75.22	13.72	6.65	5.05
38	gi|4586876|dbj|BAA36753.1|	2039	2053	7219	7.38	3.31	7.38	15.19	75.22	5.6	8.69	5.79
38	gi|4586876|dbj|BAA36753.1|	2040	2054	7220	8.38	3.31	8.38	17.08	75.22	3.93	11.62	5.79
38	gi|4586876|dbj|BAA36753.1|	2041	2055	7221	10.18	3.31	10.18	23.22	75.22	3.73	12.2	5.79
38	gi|4586876|dbj|BAA36753.1|	2042	2056	7222	13.07	3.31	13.07	31.5	75.22	4.93	21.49	5.79
38	gi|4586876|dbj|BAA36753.1|	2043	2057	7223	15.7	3.31	15.7	34.45	75.22	8.84	18.97	5.79
38	gi|4586876|dbj|BAA36753.1|	2044	2058	7224	18.97	6.53	14.15	34.83	69.03	21.53	18.97	5.79
38	gi|4586876|dbj|BAA36753.1|	2052	2066	7225	9.35	12.2	16.7	8.01	2.4	9.35	17.16	2.05
38	gi|4586876|dbj|BAA36753.1|	2053	2067	7226	9.22	10.55	16.7	9.22	1.17	6.47	15.43	2.05
38	gi|4586876|dbj|BAA36753.1|	2054	2068	7227	8.95	10.44	16.7	8.95	1.18	6.3	21.71	2.05
38	gi|4586876|dbj|BAA36753.1|	2055	2069	7228	7.08	9.66	16.7	7.08	1.6	5.96	15.81	2.05
38	gi|4586876|dbj|BAA36753.1|	2056	2070	7229	7.72	9.82	16.7	7.72	1.62	7.29	19.82	2.05
38	gi|4586876|dbj|BAA36753.1|	2057	2071	7230	12.96	12.2	16.7	12.96	2.36	13.52	16.73	2.09
38	gi|4586876|dbj|BAA36753.1|	2058	2072	7231	11.83	2.71	16.7	15.64	0.27	14.85	11.83	8.79
38	gi|4586876|dbj|BAA36753.1|	2059	2073	7232	12.69	2.71	19.31	20.4	8.67	12.73	8.26	12.69
38	gi|4586876|dbj|BAA36753.1|	2060	2074	7233	9.93	2.94	21.59	26.54	8.04	9.93	7.59	11.91
38	gi|4586876|dbj|BAA36753.1|	2061	2075	7234	12.22	3.15	26.15	31.33	7.47	12.22	8.15	13.62
38	gi|4586876|dbj|BAA36753.1|	2062	2076	7235	14.09	3.13	33.08	41.23	11.57	16.1	10.55	14.09
38	gi|4586876|dbj|BAA36753.1|	2063	2077	7236	19.03	6.61	38.25	43.4	17.72	19.03	14.17	25.97
38	gi|4586876|dbj|BAA36753.1|	2099	2113	7237	7.61	3.93	7.54	7.61	40.49	14.86	16.72	2.66
38	gi|4586876|dbj|BAA36753.1|	2100	2114	7238	9.08	3.93	9.08	8.39	40.49	14.64	13.99	2.59
38	gi|4586876|dbj|BAA36753.1|	2101	2115	7239	9.9	3.93	10.02	8.57	40.49	15.75	9.9	2.99
38	gi|4586876|dbj|BAA36753.1|	2102	2116	7240	8.57	3.93	12.44	8.57	40.49	23.83	8.38	3.89
38	gi|4586876|dbj|BAA36753.1|	2103	2117	7241	10.98	3.93	15.78	10.98	62.65	39.46	7.27	4.14
38	gi|4586876|dbj|BAA36753.1|	2105	2119	7242	17.76	3.93	7.51	17.76	22.24	20.6	37.93	3.46

Table 2

38	gi|4586876|dbj|BAA36753.1|	2106	2120	7243	12.61	8.78	7.6	18.49	18.64	12.61	71.33	7.95
38	gi|4586876|dbj|BAA36753.1|	2107	2121	7244	10.03	7.43	7.6	18.97	18.56	10.03	82.76	7.95
38	gi|4586876|dbj|BAA36753.1|	2108	2122	7245	8.37	5.18	7.6	18.71	16.93	8.37	80.5	7.95
38	gi|4586876|dbj|BAA36753.1|	2109	2123	7246	10.5	5.27	7.6	18.96	15.42	10.5	81.6	7.95
38	gi|4586876|dbj|BAA36753.1|	2110	2124	7247	18.7	8.98	7.6	31.21	22.24	18.7	78.34	10.7
38	gi|4586876|dbj|BAA36753.1|	2130	2144	7248	19.23	15.02	16.26	21.4	12.41	24.95	64.96	19.23
38	gi|4586876|dbj|BAA36753.1|	2131	2145	7249	18.34	7.19	18.34	21.61	15.18	14.26	58.29	19.16
38	gi|4586876|dbj|BAA36753.1|	2132	2146	7250	12.91	7.19	14.52	22.3	12.91	7.79	52.34	8.84
38	gi|4586876|dbj|BAA36753.1|	2133	2147	7251	12.85	7.19	13.2	22.03	12.85	5	39.62	8.31
38	gi|4586876|dbj|BAA36753.1|	2134	2148	7252	16.27	7.19	16.27	17.85	17.66	5.09	36.93	8.28
38	gi|4586876|dbj|BAA36753.1|	2138	2152	7253	19.68	6.36	19.68	7.76	41.07	25.5	26.2	7.03
38	gi|4586876|dbj|BAA36753.1|	2139	2153	7254	19.68	5.85	19.68	15.74	40.62	20.9	29.71	7.03
38	gi|4586876|dbj|BAA36753.1|	2140	2154	7255	19.68	6.13	19.68	15.74	54.42	22.62	36.54	7.03
38	gi|4586876|dbj|BAA36753.1|	2141	2155	7256	19.68	7.49	19.68	5.44	62.46	24.47	31.43	7.03
38	gi|4586876|dbj|BAA36753.1|	2142	2156	7257	19.68	7.53	19.68	8.41	69.09	30.27	30.77	7.03
38	gi|4586876|dbj|BAA36753.1|	2143	2157	7258	19.68	8.37	19.68	10.47	75.22	41.61	33.74	10.17
38	gi|4586876|dbj|BAA36753.1|	2144	2158	7259	19.68	16.22	19.68	13.43	50.4	57.09	29.74	10.06
38	gi|4586876|dbj|BAA36753.1|	2163	2177	7260	19.08	10.31	9.08	38.29	44.78	17.72	43.98	19.08
38	gi|4586876|dbj|BAA36753.1|	2164	2178	7261	19.08	11.06	9.06	44.48	44.78	15.59	48.22	19.08
38	gi|4586876|dbj|BAA36753.1|	2172	2186	7262	19.89	9.57	28.02	19.89	75.22	42.38	14.66	12.66
38	gi|4586876|dbj|BAA36753.1|	2177	2191	7263	19.43	25.92	19.43	20.31	67.32	10.38	7.11	3.58
38	gi|4586876|dbj|BAA36753.1|	2178	2192	7264	15.19	21.52	19.52	15.19	42.06	6.09	6.43	3.46
38	gi|4586876|dbj|BAA36753.1|	2179	2193	7265	15.64	22.37	22.48	15.64	40.81	6.27	9.67	3.47
38	gi|4586876|dbj|BAA36753.1|	2180	2194	7266	19.54	28.81	26.23	19.54	40.56	8.56	15.09	4.29
38	gi|4586876|dbj|BAA36753.1|	2206	2220	7267	18.3	2.07	47.78	35.31	9.23	14.56	34.28	18.3
38	gi|4586876|dbj|BAA36753.1|	2207	2221	7268	19.07	2.22	47.78	36.06	9.43	17.63	24.98	19.07
38	gi|4586876|dbj|BAA36753.1|	2208	2222	7269	17.85	2.37	37.11	14.94	14.88	22.74	25.45	17.85
38	gi|4586876|dbj|BAA36753.1|	2210	2224	7270	14.94	1.99	11.44	14.94	22.44	14.96	16.1	13.4
38	gi|4586876|dbj|BAA36753.1|	2211	2225	7271	9.14	6.71	10.37	9.14	27.32	0.94	12.58	0.43
38	gi|4586876|dbj|BAA36753.1|	2212	2226	7272	9.14	6.71	10.67	9.14	27.32	0.15	9.81	0.31
38	gi|4586876|dbj|BAA36753.1|	2213	2227	7273	6.7	6.7	6.45	9.14	27.32	0.07	11	0.15
38	gi|4586876|dbj|BAA36753.1|	2214	2228	7274	6.99	6.71	6.99	9.34	27.32	0.06	20.4	0.13
38	gi|4586876|dbj|BAA36753.1|	2215	2229	7275	8.93	6.71	8.93	20.61	27.32	0.08	23.91	0.28
38	gi|4586876|dbj|BAA36753.1|	2216	2230	7276	11	6.71	11	25.36	27.32	0.58	29.83	0.43
38	gi|4586876|dbj|BAA36753.1|	2217	2231	7277	5.93	7.21	3.59	5.93	27.32	4.7	16.72	0.43
38	gi|4586876|dbj|BAA36753.1|	2218	2232	7278	7.88	16.54	4.35	3.76	48.04	7.88	9.56	5.05
38	gi|4586876|dbj|BAA36753.1|	2219	2233	7279	5.36	16.54	4.77	3.21	43.79	5.36	8.6	5.05
38	gi|4586876|dbj|BAA36753.1|	2220	2234	7280	5.32	16.54	5.32	2.73	41.04	5.09	7.67	4.45
38	gi|4586876|dbj|BAA36753.1|	2221	2235	7281	7.9	9.61	7.1	2.73	41.91	8.01	7.9	5.05
38	gi|4586876|dbj|BAA36753.1|	2222	2236	7282	9.36	14.46	9.36	5.78	46.53	15.14	7.78	5.05
38	gi|4586876|dbj|BAA36753.1|	2223	2237	7283	7.06	14.32	3.88	6.54	49.61	38	7.06	5.05
38	gi|4586876|dbj|BAA36753.1|	2224	2238	7284	9.37	27.27	3.88	7.92	28.35	45.7	9.37	3.44
38	gi|4586876|dbj|BAA36753.1|	2225	2239	7285	7.16	6.17	3.88	7.16	28.41	30.74	17.14	2.68
38	gi|4586876|dbj|BAA36753.1|	2226	2240	7286	8.22	3.92	3.88	8.22	28.27	20.25	16.18	2.68
38	gi|4586876|dbj|BAA36753.1|	2227	2241	7287	5.01	1.25	3.88	5.01	23.9	9.33	11.48	2.68
38	gi|4586876|dbj|BAA36753.1|	2228	2242	7288	4.64	1.25	3.88	4.64	32.01	5.44	9.2	2.68
38	gi|4586876|dbj|BAA36753.1|	2229	2243	7289	3.88	1.17	3.88	4.12	36.93	2.93	6.94	2.68
38	gi|4586876|dbj|BAA36753.1|	2230	2244	7290	4.52	1.33	15.3	4.52	44.81	4.06	10.07	2.68

Table 2

38	gi|4586876|dbj|BAA36753.1|	2231	2245	7291	7.07	1.56	21.76	5.7	62.7	7.07	14.26	2.68
38	gi|4586876|dbj|BAA36753.1|	2232	2246	7292	15.65	5.55	32.08	8.06	70.4	15.65	31.73	8.42
38	gi|4586876|dbj|BAA36753.1|	2245	2259	7293	8.45	5.63	2.88	5.14	23.47	61.9	8.45	10.53
38	gi|4586876|dbj|BAA36753.1|	2246	2260	7294	5.76	5.76	1.92	5.05	29.17	55.5	6.19	5.42
38	gi|4586876|dbj|BAA36753.1|	2247	2261	7295	5.74	5.74	1.91	5.35	36.94	48.03	6.01	5.42
38	gi|4586876|dbj|BAA36753.1|	2248	2262	7296	4.81	5.63	1.57	4.81	7.44	35.55	3.25	4.01
38	gi|4586876|dbj|BAA36753.1|	2249	2263	7297	4.79	5.63	1.59	4.79	7.37	29.21	3.23	4.01
38	gi|4586876|dbj|BAA36753.1|	2250	2264	7298	5.63	5.63	2.33	7.8	7.31	26.71	3.77	4.01
38	gi|4586876|dbj|BAA36753.1|	2251	2265	7299	5.63	5.63	4.03	7.67	7.96	25.04	4.68	4.01
38	gi|4586876|dbj|BAA36753.1|	2252	2266	7300	9.51	9.51	2.75	9.75	13.71	24.31	5.1	4.01
38	gi|4586876|dbj|BAA36753.1|	2253	2267	7301	6.98	9.51	3.45	6.89	22.79	23.36	6.98	5.23
38	gi|4586876|dbj|BAA36753.1|	2254	2268	7302	6.15	9.51	4.9	5.39	30.38	28.43	6.15	5.41
38	gi|4586876|dbj|BAA36753.1|	2255	2269	7303	11.65	14.41	7.45	5.29	43.04	35.45	6.19	11.65
38	gi|4586876|dbj|BAA36753.1|	2256	2270	7304	11.65	24.82	10.39	7.1	45.48	37.74	5.84	11.65
38	gi|4586876|dbj|BAA36753.1|	2257	2271	7305	16.08	26.94	13.42	10.34	16.08	38.55	5.7	19.65
38	gi|4586876|dbj|BAA36753.1|	2258	2272	7306	16.53	26.81	16.53	14.41	16.08	46.27	3.59	22.58
38	gi|4586876|dbj|BAA36753.1|	2261	2275	7307	7.95	3.31	10.51	14.7	16.08	6.5	0.58	7.95
38	gi|4586876|dbj|BAA36753.1|	2262	2276	7308	7.95	3.31	13.84	14.94	16.08	5.69	0.34	7.95
38	gi|4586876|dbj|BAA36753.1|	2263	2277	7309	7.95	3.31	12.14	15.65	16.08	4.06	0.38	7.95
38	gi|4586876|dbj|BAA36753.1|	2264	2278	7310	7.95	3.31	15.15	17.95	26.46	4.55	0.38	7.95
38	gi|4586876|dbj|BAA36753.1|	2265	2279	7311	13.47	3.31	18.91	20.09	34.47	7.63	2.3	13.47
38	gi|4586876|dbj|BAA36753.1|	2266	2280	7312	18.95	3.31	30.21	32.47	41.94	18.95	3.92	13.47
38	gi|4586876|dbj|BAA36753.1|	2267	2281	7313	13.47	3.95	37.05	28.21	5.51	37.66	2.8	13.47
38	gi|4586876|dbj|BAA36753.1|	2282	2296	7314	17.18	12.33	46.83	7.51	41.49	52.17	7.26	17.18
38	gi|4586876|dbj|BAA36753.1|	2283	2297	7315	17.18	13.62	47.01	7.16	36.9	47.76	6.88	17.18
38	gi|4586876|dbj|BAA36753.1|	2284	2298	7316	17.18	13.28	51.13	5.54	40.63	49.52	8.59	17.18
38	gi|4586876|dbj|BAA36753.1|	2287	2301	7317	19.06	12.33	9.71	15.25	63.28	75.97	47.82	19.06
38	gi|4586876|dbj|BAA36753.1|	2288	2302	7318	12.71	12.33	1.29	12.71	43.15	67.3	55.93	9.72
38	gi|4586876|dbj|BAA36753.1|	2297	2311	7319	16.57	8.21	3.01	26.75	16.57	18.01	57.95	6.55
38	gi|4586876|dbj|BAA36753.1|	2298	2312	7320	13.91	8.21	3.27	26.61	15.61	13.91	57.95	6.71
38	gi|4586876|dbj|BAA36753.1|	2299	2313	7321	10.76	8.21	3.27	25.78	13.53	10.76	57.95	6.42
38	gi|4586876|dbj|BAA36753.1|	2300	2314	7322	11.52	8.21	3.27	25.65	15.73	11.52	57.95	6.44
38	gi|4586876|dbj|BAA36753.1|	2301	2315	7323	16.27	8.21	3.27	27.23	19.2	16.27	57.34	8.09
38	gi|4586876|dbj|BAA36753.1|	2302	2316	7324	19.19	8.21	19.9	19.19	12.45	30.58	61.02	16.99
38	gi|4586876|dbj|BAA36753.1|	2303	2317	7325	12.45	5.93	17.42	7.14	12.45	69.73	29.24	9.34
38	gi|4586876|dbj|BAA36753.1|	2304	2318	7326	17.42	20.04	17.42	7.26	12.45	84.64	22.16	12.46
38	gi|4586876|dbj|BAA36753.1|	2305	2319	7327	12.45	14.71	17.42	7.14	12.45	77.45	11.65	11.38
38	gi|4586876|dbj|BAA36753.1|	2306	2320	7328	12.45	14.09	17.42	7.82	12.45	70.52	9.57	11.28
38	gi|4586876|dbj|BAA36753.1|	2307	2321	7329	12.45	14.3	17.42	3.31	12.45	66.45	8.16	8.88
38	gi|4586876|dbj|BAA36753.1|	2308	2322	7330	14.58	23.39	17.42	4.64	7.22	57.37	8.16	14.58
38	gi|4586876|dbj|BAA36753.1|	2309	2323	7331	7.1	5.63	17.42	4.77	7.22	30.3	7.1	2.68
38	gi|4586876|dbj|BAA36753.1|	2310	2324	7332	12.33	12.33	34.15	5.86	7.22	23.45	6.78	12.84
38	gi|4586876|dbj|BAA36753.1|	2311	2325	7333	8.98	8.98	34.15	6.34	7.22	21.49	3.5	12.84
38	gi|4586876|dbj|BAA36753.1|	2312	2326	7334	12.84	8.98	34.15	13.61	7.22	21.81	2.99	12.84
38	gi|4586876|dbj|BAA36753.1|	2313	2327	7335	12.84	8.98	34.15	15.69	7.22	22.22	2.67	12.84
38	gi|4586876|dbj|BAA36753.1|	2314	2328	7336	12.84	8.98	33.84	32.48	7.22	24.35	5.64	12.84
38	gi|4586876|dbj|BAA36753.1|	2353	2367	7337	18.81	18.81	11.17	41.64	27.72	18.81	45.85	13.66
38	gi|4586876|dbj|BAA36753.1|	2354	2368	7338	18.81	18.81	14.21	47.81	28.49	16.46	45.85	13.94

Table 2

38	gi|4586876|dbj|BAA36753.1|	2355	2369	7339	18.81	18.81	15.73	40.63	29.44	18.78	37.06	13.77
38	gi|4586876|dbj|BAA36753.1|	2363	2377	7340	19.08	6.66	24.58	9.17	46.26	42.99	15.24	19.08
38	gi|4586876|dbj|BAA36753.1|	2364	2378	7341	19.08	6.66	21.87	9.17	43.37	29.13	11.47	19.08
38	gi|4586876|dbj|BAA36753.1|	2365	2379	7342	19.08	10.89	30.87	9.17	47.22	28.87	10.44	19.08
38	gi|4586876|dbj|BAA36753.1|	2366	2380	7343	7.1	10.89	5.59	6.78	54.73	22.41	7.1	1.54
38	gi|4586876|dbj|BAA36753.1|	2367	2381	7344	7.96	10.89	6.38	7.92	60.72	18.03	7.96	1.54
38	gi|4586876|dbj|BAA36753.1|	2368	2382	7345	13.57	10.89	7.02	13.93	68.83	13.57	13.62	1.54
38	gi|4586876|dbj|BAA36753.1|	2369	2383	7346	12.86	12.86	8.85	12.15	75.22	14.45	15.09	1.54
38	gi|4586876|dbj|BAA36753.1|	2370	2384	7347	14.98	6.47	11.21	14.98	75.22	16.56	17.62	1.54
38	gi|4586876|dbj|BAA36753.1|	2372	2386	7348	15.82	8.57	15.82	14.98	75.22	28.33	21.12	1.54
38	gi|4586876|dbj|BAA36753.1|	2384	2398	7349	14.38	14.38	27.86	4.75	53.67	17.35	8.04	7.95
38	gi|4586876|dbj|BAA36753.1|	2385	2399	7350	12.81	16.01	20.88	6.2	12.81	15.22	3.31	7.95
38	gi|4586876|dbj|BAA36753.1|	2386	2400	7351	12.81	16.54	20.88	6.29	12.81	14.95	2.81	7.95
38	gi|4586876|dbj|BAA36753.1|	2387	2401	7352	7.95	2.97	12.17	5.01	12.81	14.92	5.11	7.95
38	gi|4586876|dbj|BAA36753.1|	2388	2402	7353	12.17	0.98	12.17	4.62	12.81	13.1	3.17	17.02
38	gi|4586876|dbj|BAA36753.1|	2389	2403	7354	6.2	0.98	12.17	6.2	12.81	8.38	1.57	6.18
38	gi|4586876|dbj|BAA36753.1|	2390	2404	7355	6.12	0.98	12.17	4.91	12.81	6.12	1.07	6.18
38	gi|4586876|dbj|BAA36753.1|	2391	2405	7356	5.41	0.98	12.17	4.02	12.81	5.41	1.32	5.42
38	gi|4586876|dbj|BAA36753.1|	2392	2406	7357	3.57	0.98	3.57	2.73	25.68	3.92	2.62	5.42
38	gi|4586876|dbj|BAA36753.1|	2393	2407	7358	2.76	0.98	2.99	2.01	18.52	2.76	1.83	5.42
38	gi|4586876|dbj|BAA36753.1|	2394	2408	7359	2.88	0.98	4.47	2.4	17.88	2.88	1.35	5.42
38	gi|4586876|dbj|BAA36753.1|	2395	2409	7360	3.52	3.01	6.54	2.64	22.24	3.52	2.17	5.42
38	gi|4586876|dbj|BAA36753.1|	2396	2410	7361	5.34	4.7	10.21	3.66	24.26	5.34	2.21	5.42
38	gi|4586876|dbj|BAA36753.1|	2397	2411	7362	5.42	4.7	14.01	5.01	28.73	9.08	1.98	5.42
38	gi|4586876|dbj|BAA36753.1|	2398	2412	7363	5.78	4.7	14.01	5.78	33.1	13.94	2.84	0.91
38	gi|4586876|dbj|BAA36753.1|	2399	2413	7364	9.48	5.69	29.72	9.1	34.29	19.7	9.48	0.95
38	gi|4586876|dbj|BAA36753.1|	2402	2416	7365	12.67	6.33	9.24	12.67	45.91	27.04	52.31	1.08
38	gi|4586876|dbj|BAA36753.1|	2403	2417	7366	16.73	6.19	9.07	16.73	51.13	20.15	49.06	3.46
38	gi|4586876|dbj|BAA36753.1|	2404	2418	7367	13.33	5.93	6.84	14.46	30.87	13.33	54.81	1.11
38	gi|4586876|dbj|BAA36753.1|	2405	2419	7368	11.16	11.16	9.32	16.89	33.32	9.33	65.26	4.34
38	gi|4586876|dbj|BAA36753.1|	2406	2420	7369	14.6	14.6	10.67	17.66	30.27	6.35	62.26	4.34
38	gi|4586876|dbj|BAA36753.1|	2407	2421	7370	17.49	27.36	15.91	17.49	32.78	8	39.78	4.34
38	gi|4586876|dbj|BAA36753.1|	2442	2456	7371	19.95	12.97	27.84	19.95	0.36	29.3	30.1	15.91
38	gi|4586876|dbj|BAA36753.1|	2443	2457	7372	19.04	12.97	27.84	19.04	0.36	26.41	30.1	14.85
38	gi|4586876|dbj|BAA36753.1|	2444	2458	7373	17.08	12.97	27.84	17.08	0.35	22.41	25.82	13.23
38	gi|4586876|dbj|BAA36753.1|	2445	2459	7374	13.55	12.97	24.09	13.55	0.35	14.95	27.17	12.96
38	gi|4586876|dbj|BAA36753.1|	2446	2460	7375	10.55	10.72	11.48	9.76	2.17	10.55	20.82	8.42
38	gi|4586876|dbj|BAA36753.1|	2447	2461	7376	8.03	10.65	13.83	7.45	0.03	8.03	18.16	6.18
38	gi|4586876|dbj|BAA36753.1|	2448	2462	7377	9.85	16.89	13.66	9.85	5.84	7.34	17.41	6.18
38	gi|4586876|dbj|BAA36753.1|	2449	2463	7378	9.08	17.13	20.05	9.08	5.72	6.57	14.62	5.79
38	gi|4586876|dbj|BAA36753.1|	2450	2464	7379	11.6	31.38	25.55	11.6	5.64	8.12	19.36	5.79
38	gi|4586876|dbj|BAA36753.1|	2451	2465	7380	14.35	33.88	30.03	14.35	8.86	11.82	25.55	5.79
38	gi|4586876|dbj|BAA36753.1|	2452	2466	7381	19.45	3.67	19.45	21.82	13.12	21.91	26.76	5.79
38	gi|4586876|dbj|BAA36753.1|	2463	2477	7382	18.07	30.3	2.6	45.49	18.07	18.01	70.94	8.92
38	gi|4586876|dbj|BAA36753.1|	2469	2483	7383	17.55	23.71	17.55	9.68	56.9	44.42	2.34	12.72
38	gi|4586876|dbj|BAA36753.1|	2470	2484	7384	8.87	5.24	17.45	5.86	46.03	31.04	1.4	8.87
38	gi|4586876|dbj|BAA36753.1|	2471	2485	7385	9.67	5.24	23.85	5.82	45.65	27.79	1.02	9.67
38	gi|4586876|dbj|BAA36753.1|	2472	2486	7386	10.31	5.24	29.71	5.91	47.47	26.07	0.65	10.31

Table 2

38	gi|4586876|dbj|BAA36753.1|	2473	2487	7387	12.43	5.24	36.66	7.34	50.57	29.48	0.62	12.43
38	gi|4586876|dbj|BAA36753.1|	2474	2488	7388	13.31	5.24	45.27	10.63	57.8	38	0.68	13.31
38	gi|4586876|dbj|BAA36753.1|	2494	2508	7389	19.19	29.8	10.72	17.27	19.19	33.51	1.38	24.54
38	gi|4586876|dbj|BAA36753.1|	2495	2509	7390	18.27	18.27	13.25	16.6	19.19	24.7	0.8	20.74
38	gi|4586876|dbj|BAA36753.1|	2496	2510	7391	12.17	12.17	14.05	9.74	19.19	22.39	0.51	12.01
38	gi|4586876|dbj|BAA36753.1|	2497	2511	7392	11.58	11.58	11.6	8.73	19.19	19.47	0.34	10.81
38	gi|4586876|dbj|BAA36753.1|	2498	2512	7393	8.41	4.6	7.65	8.41	19.19	21.44	0.28	9.24
38	gi|4586876|dbj|BAA36753.1|	2499	2513	7394	2.91	3.37	1.2	1.31	19.19	18.38	0.2	2.91
38	gi|4586876|dbj|BAA36753.1|	2500	2514	7395	2.89	3.38	1.8	1.37	19.19	18.9	0.2	2.89
38	gi|4586876|dbj|BAA36753.1|	2501	2515	7396	3.07	4.37	2.81	1.45	52.26	18.81	1.67	3.07
38	gi|4586876|dbj|BAA36753.1|	2502	2516	7397	4.05	4.37	4.05	1.37	25.62	20.98	2.69	2.93
38	gi|4586876|dbj|BAA36753.1|	2503	2517	7398	5.82	8.29	5.82	1.29	25.62	26.32	3.82	3.1
38	gi|4586876|dbj|BAA36753.1|	2504	2518	7399	8.29	8.29	7.58	3.38	25.62	38.22	8.99	6.94
38	gi|4586876|dbj|BAA36753.1|	2505	2519	7400	9.32	4.37	9.32	3.04	25.62	58.55	9.94	7.33
38	gi|4586876|dbj|BAA36753.1|	2506	2520	7401	9.94	4.37	2.63	7.47	25.62	56.15	9.94	15.91
38	gi|4586876|dbj|BAA36753.1|	2507	2521	7402	9.94	4.37	3.45	7.47	25.62	40.61	9.94	15.91
38	gi|4586876|dbj|BAA36753.1|	2508	2522	7403	9.94	4.37	5.91	7.47	25.62	36.93	9.94	15.91
38	gi|4586876|dbj|BAA36753.1|	2509	2523	7404	10.81	4.37	9.18	9.3	35.79	36.51	10.81	15.98
38	gi|4586876|dbj|BAA36753.1|	2510	2524	7405	14	4.37	12.83	14	35.79	41.08	13.72	19.77
38	gi|4586876|dbj|BAA36753.1|	2511	2525	7406	18.31	4.91	13.91	12.23	35.79	50.81	18.31	35.1
38	gi|4586876|dbj|BAA36753.1|	2533	2547	7407	19.26	10.25	37.22	19.26	17.08	21.81	36.43	7.34
38	gi|4586876|dbj|BAA36753.1|	2534	2548	7408	17.08	10.25	37.22	19.26	17.08	15.3	32.96	7.64
38	gi|4586876|dbj|BAA36753.1|	2535	2549	7409	17.08	10.25	23.81	18.41	17.08	12.13	32.94	5.65
38	gi|4586876|dbj|BAA36753.1|	2536	2550	7410	17.08	10.25	23.81	17.39	17.08	13.09	48.61	5.8
38	gi|4586876|dbj|BAA36753.1|	2537	2551	7411	19.26	10.25	23.81	19.26	17.08	19.48	45.24	9.22
38	gi|4586876|dbj|BAA36753.1|	2538	2552	7412	17.08	10.47	16.35	19.26	17.08	28.02	40.63	8.96
38	gi|4586876|dbj|BAA36753.1|	2539	2553	7413	16.35	20.56	16.35	9.64	17.08	14.14	47.06	2.24
38	gi|4586876|dbj|BAA36753.1|	2540	2554	7414	16.35	20.56	16.35	10.06	63.55	9.25	29.14	2.24
38	gi|4586876|dbj|BAA36753.1|	2541	2555	7415	16.35	20.56	16.35	9.62	39.36	5.12	16.83	2.24
38	gi|4586876|dbj|BAA36753.1|	2542	2556	7416	9.08	20.56	16.35	9.08	36.26	3.93	6.52	2.24
38	gi|4586876|dbj|BAA36753.1|	2543	2557	7417	4.34	12.86	16.35	4.34	35.17	3.53	3.56	2.24
38	gi|4586876|dbj|BAA36753.1|	2544	2558	7418	5.48	12.86	16.35	5.39	35.68	5.48	2.77	2.24
38	gi|4586876|dbj|BAA36753.1|	2545	2559	7419	8.01	4.52	29.24	8.01	42.17	17.1	2.41	2.24
38	gi|4586876|dbj|BAA36753.1|	2546	2560	7420	15.62	4.5	28.1	5.61	46.78	32.78	0.81	15.62
38	gi|4586876|dbj|BAA36753.1|	2547	2561	7421	16.27	4.46	29.24	5.61	49.17	35.72	0.83	16.27
38	gi|4586876|dbj|BAA36753.1|	2554	2568	7422	16.43	4.01	54.21	16.43	42.58	23.1	7.79	5.42
38	gi|4586876|dbj|BAA36753.1|	2555	2569	7423	16.43	4.01	57.36	16.43	44.19	24.86	7.29	5.42
38	gi|4586876|dbj|BAA36753.1|	2556	2570	7424	19.97	19.97	42.71	16.43	44.19	25.39	8.39	5.42
38	gi|4586876|dbj|BAA36753.1|	2587	2601	7425	17.8	3.11	14.43	18.71	75.22	33.88	15.16	17.8
38	gi|4586876|dbj|BAA36753.1|	2588	2602	7426	17.8	2.02	19.42	17.49	60.17	18.32	7.75	17.8
38	gi|4586876|dbj|BAA36753.1|	2589	2603	7427	16.92	1.37	21.54	16.92	53.21	11.74	4.36	17.8
38	gi|4586876|dbj|BAA36753.1|	2590	2604	7428	17.8	1.42	28.6	18.17	49.64	11.58	1.99	17.8
38	gi|4586876|dbj|BAA36753.1|	2591	2605	7429	17.8	2.92	35.2	19.06	46.54	14.19	1.86	17.8
38	gi|4586876|dbj|BAA36753.1|	2592	2606	7430	18.42	3.62	38.02	28.9	32.18	18.42	1.58	17.8
38	gi|4586876|dbj|BAA36753.1|	2593	2607	7431	15.88	3.62	53	15.88	32.18	18.8	1.9	8.92
38	gi|4586876|dbj|BAA36753.1|	2594	2608	7432	15.38	4.29	44.75	15.38	32.18	20.57	1.91	8.92
38	gi|4586876|dbj|BAA36753.1|	2595	2609	7433	11.63	4.29	34.86	13.21	32.18	11.63	2.14	8.92
38	gi|4586876|dbj|BAA36753.1|	2596	2610	7434	10.3	4.29	42.35	13.59	32.18	10.3	2.5	8.92

Table 2

38	gi|4586876|dbj|BAA36753.1|	2597	2611	7435	10.77	4.29	45.62	13.3	32.18	10.77	4.26	8.92
38	gi|4586876|dbj|BAA36753.1|	2598	2612	7436	11.8	4.29	46.87	22.86	32.18	11.8	4.81	8.92
38	gi|4586876|dbj|BAA36753.1|	2609	2623	7437	13.64	29.33	31.39	13.64	47.09	12.06	9.26	11.76
38	gi|4586876|dbj|BAA36753.1|	2610	2624	7438	12.23	28.88	11.62	13.69	45.77	7.49	8.42	12.23
38	gi|4586876|dbj|BAA36753.1|	2611	2625	7439	14.77	28.17	13.12	15.69	42.6	6.12	7.81	14.77
38	gi|4586876|dbj|BAA36753.1|	2612	2626	7440	12.17	27.7	8.6	12.17	45.24	6.79	6.88	12.23
38	gi|4586876|dbj|BAA36753.1|	2613	2627	7441	13.72	17.01	13.72	9.87	46.33	11.03	9.1	15.48
38	gi|4586876|dbj|BAA36753.1|	2614	2628	7442	16.96	16.96	16.7	13.16	46.63	25.1	19.91	16.01
38	gi|4586876|dbj|BAA36753.1|	2615	2629	7443	18.38	17.41	16.7	12.04	61.72	48.87	25.61	18.38
38	gi|4586876|dbj|BAA36753.1|	2616	2630	7444	19.33	17.66	16.7	12.21	59.19	62.18	40.98	19.33
38	gi|4586876|dbj|BAA36753.1|	2664	2678	7445	17.53	12.14	10.84	17.59	26.18	47.86	17.53	14.98
38	gi|4586876|dbj|BAA36753.1|	2665	2679	7446	17.23	12.14	14.95	17.72	25.85	45.08	17.23	14.93
38	gi|4586876|dbj|BAA36753.1|	2666	2680	7447	15.07	12.14	15.07	16.6	24.59	42.32	10.03	13.91
38	gi|4586876|dbj|BAA36753.1|	2667	2681	7448	16.13	13.18	17.29	16.13	27.89	42.59	8.35	13.86
38	gi|4586876|dbj|BAA36753.1|	2668	2682	7449	19.62	19.88	19.62	14.21	35.51	47.48	6.89	16.44
38	gi|4586876|dbj|BAA36753.1|	2670	2684	7450	12.2	12.2	40.35	12.43	3.84	38.08	7.13	6.18
38	gi|4586876|dbj|BAA36753.1|	2671	2685	7451	9.19	24.36	9.19	2.54	3.53	30.09	13.7	6.18
38	gi|4586876|dbj|BAA36753.1|	2672	2686	7452	6.75	14.73	6.75	0.27	3.36	22.54	10.76	6.18
38	gi|4586876|dbj|BAA36753.1|	2673	2687	7453	9.39	13.84	9.39	0.28	3.57	22.43	9.9	6.18
38	gi|4586876|dbj|BAA36753.1|	2674	2688	7454	6.18	6.18	11.77	0.28	5.17	22.44	15.89	6.18
38	gi|4586876|dbj|BAA36753.1|	2675	2689	7455	7.92	6.18	12.76	0.3	7.92	25.04	26.01	6.18
38	gi|4586876|dbj|BAA36753.1|	2676	2690	7456	12.33	6.18	12.76	0.81	12.33	38.02	22.31	6.18
38	gi|4586876|dbj|BAA36753.1|	2677	2691	7457	18.84	18.84	3.66	1.57	52.71	36.72	19.52	8.81
38	gi|4586876|dbj|BAA36753.1|	2678	2692	7458	12.15	6.18	12.15	6.27	52.71	21.77	30.94	2.92
38	gi|4586876|dbj|BAA36753.1|	2679	2693	7459	5.98	4.77	6.81	5.68	52.71	5.98	53.95	2.92
38	gi|4586876|dbj|BAA36753.1|	2680	2694	7460	4.77	4.77	3.68	5.93	52.71	2.07	52.09	2.92
38	gi|4586876|dbj|BAA36753.1|	2681	2695	7461	4.77	4.77	3.85	14.27	61.15	2.36	56.89	2.92
38	gi|4586876|dbj|BAA36753.1|	2682	2696	7462	4.77	4.77	3.84	14.55	75.22	2.43	51.9	2.92
38	gi|4586876|dbj|BAA36753.1|	2683	2697	7463	4.77	4.77	3.8	15.74	23.01	3.71	66.14	2.92
38	gi|4586876|dbj|BAA36753.1|	2684	2698	7464	11.4	4.77	5.47	15.74	23.01	11.4	47.67	2.92
38	gi|4586876|dbj|BAA36753.1|	2685	2699	7465	16.43	4.77	2.55	16.43	23.01	26.92	18.88	4.69
38	gi|4586876|dbj|BAA36753.1|	2691	2705	7466	8.71	0.11	3.63	8.01	23.86	23.78	8.71	13.4
38	gi|4586876|dbj|BAA36753.1|	2692	2706	7467	9.68	0.07	16.7	8.01	16.82	9.68	5.99	11.66
38	gi|4586876|dbj|BAA36753.1|	2693	2707	7468	5.67	0.07	5.67	8.01	15.16	5.22	3.68	11.66
38	gi|4586876|dbj|BAA36753.1|	2694	2708	7469	4.01	0.07	4.01	8.01	14.23	3.98	2.74	11.66
38	gi|4586876|dbj|BAA36753.1|	2695	2709	7470	4.17	0.07	4.17	8.01	14.38	4.01	3.67	11.66
38	gi|4586876|dbj|BAA36753.1|	2696	2710	7471	5.92	0.16	5.67	5.61	22.93	5.92	7.26	9.44
38	gi|4586876|dbj|BAA36753.1|	2697	2711	7472	8.34	0.41	5.67	6.18	31.72	13.45	8.34	9.44
38	gi|4586876|dbj|BAA36753.1|	2698	2712	7473	6.62	1.04	5.67	6.62	45.21	30.38	4.44	9.62
38	gi|4586876|dbj|BAA36753.1|	2699	2713	7474	11.6	2.05	5.67	11.6	46.04	47.43	4.4	21.15
38	gi|4586876|dbj|BAA36753.1|	2700	2714	7475	12.42	2.14	12.42	9.34	44.01	57.3	6.3	15.02
38	gi|4586876|dbj|BAA36753.1|	2701	2715	7476	15.6	5.47	25.76	12.3	43.6	63.64	8.97	15.6
38	gi|4586876|dbj|BAA36753.1|	2702	2716	7477	13.69	0.22	29.73	12.46	31.11	56	9.87	13.69
38	gi|4586876|dbj|BAA36753.1|	2703	2717	7478	13.78	1.28	30.21	13.01	30	54.7	9.42	13.78
38	gi|4586876|dbj|BAA36753.1|	2704	2718	7479	16.39	1.18	37.73	16.39	29.77	54.49	10.18	15.74
38	gi|4586876|dbj|BAA36753.1|	2713	2727	7480	15.72	15.72	36.91	15.04	27.55	55.98	15.63	5.79
38	gi|4586876|dbj|BAA36753.1|	2714	2728	7481	15.72	15.72	52.33	15.04	27.55	57.25	14.26	5.79
38	gi|4586876|dbj|BAA36753.1|	2715	2729	7482	9.62	8.91	4.94	12.73	27.55	53.76	9.62	2.88

Table 2

38	gi|4586876|dbj|BAA36753.1|	2716	2730	7483	8.76	7.12	6.03	12.45	27.55	33.59	8.76	2.44
38	gi|4586876|dbj|BAA36753.1|	2717	2731	7484	11.77	7.12	8.2	11.85	27.55	12.76	11.77	0.78
38	gi|4586876|dbj|BAA36753.1|	2718	2732	7485	7.12	7.12	6.5	17.06	27.55	5.45	12.15	0.78
38	gi|4586876|dbj|BAA36753.1|	2719	2733	7486	8.75	7.12	8.75	17.15	27.55	3.93	12.46	0.63
38	gi|4586876|dbj|BAA36753.1|	2720	2734	7487	11.85	7.12	11.85	21.99	28.82	4.59	14.6	0.69
38	gi|4586876|dbj|BAA36753.1|	2721	2735	7488	13.85	7.12	15.2	24.34	27.44	5.07	13.85	0.78
38	gi|4586876|dbj|BAA36753.1|	2763	2777	7489	18.25	13.72	31.67	15.74	67.31	18.25	20.08	6.43
38	gi|4586876|dbj|BAA36753.1|	2764	2778	7490	15.74	9.11	23.3	15.74	67.31	12.73	18.19	9.03
38	gi|4586876|dbj|BAA36753.1|	2765	2779	7491	15.74	9.55	24.24	15.74	67.31	14.56	17.44	12.39
38	gi|4586876|dbj|BAA36753.1|	2766	2780	7492	19.99	10.46	24.24	19.99	67.31	19.12	24.4	18.44
38	gi|4586876|dbj|BAA36753.1|	2768	2782	7493	18.15	1.82	20.48	10.38	74.77	18.15	24.54	6.38
38	gi|4586876|dbj|BAA36753.1|	2769	2783	7494	19.55	1.96	20.48	15.02	74.8	19.55	21.86	6.15
38	gi|4586876|dbj|BAA36753.1|	2770	2784	7495	18.89	2.01	20.48	15.06	72.66	18.89	24.75	6.07
38	gi|4586876|dbj|BAA36753.1|	2771	2785	7496	19.14	2	20.48	16.84	74.2	19.14	38.91	5.97
38	gi|4586876|dbj|BAA36753.1|	2784	2798	7497	18.52	12.75	28.22	32.94	10.36	73.27	10.21	18.52
38	gi|4586876|dbj|BAA36753.1|	2785	2799	7498	18.87	9.54	34.41	33.8	9.35	72.22	7.2	18.87
38	gi|4586876|dbj|BAA36753.1|	2786	2800	7499	18.97	9.61	41.6	35.95	8.99	69.43	5.94	18.97
38	gi|4586876|dbj|BAA36753.1|	2798	2812	7500	15.61	20.67	12.14	4.06	43.74	54.43	15.61	8.92
38	gi|4586876|dbj|BAA36753.1|	2799	2813	7501	10.27	17.61	10.27	2.35	33.83	34.53	10.25	8.92
38	gi|4586876|dbj|BAA36753.1|	2800	2814	7502	13.39	15.77	13.39	2.13	34.17	27.42	9.03	8.92
38	gi|4586876|dbj|BAA36753.1|	2801	2815	7503	8.92	1.77	18.41	2.01	17.03	21.26	8.82	8.92
38	gi|4586876|dbj|BAA36753.1|	2802	2816	7504	8.92	1.77	22.75	1.69	14.32	17.28	8.44	8.92
38	gi|4586876|dbj|BAA36753.1|	2803	2817	7505	9.36	1.4	30.61	3.56	13.79	18.51	9.36	8.92
38	gi|4586876|dbj|BAA36753.1|	2804	2818	7506	9.59	1.51	37.84	3.98	14.51	22.92	9.59	8.92
38	gi|4586876|dbj|BAA36753.1|	2805	2819	7507	11.97	1.77	11.97	8.01	12.52	18.42	13.72	2.68
38	gi|4586876|dbj|BAA36753.1|	2806	2820	7508	13	1.77	13	8.01	13.56	14.5	37.07	2.68
38	gi|4586876|dbj|BAA36753.1|	2807	2821	7509	11.11	1.77	15.53	8.01	14.13	11.11	36.84	2.68
38	gi|4586876|dbj|BAA36753.1|	2808	2822	7510	11.55	3.31	19.11	10.79	13.84	11.55	34.52	3.24
38	gi|4586876|dbj|BAA36753.1|	2809	2823	7511	12.3	3.31	17.91	12.3	23.54	10.85	30.14	3.33
38	gi|4586876|dbj|BAA36753.1|	2810	2824	7512	19.23	3.31	21.57	19.23	35.73	14.15	25.92	9.12
38	gi|4586876|dbj|BAA36753.1|	2816	2830	7513	17.02	40.4	17.02	15.17	41.63	17.34	8.76	13.25
38	gi|4586876|dbj|BAA36753.1|	2817	2831	7514	15.26	19.57	8.63	6.64	41.63	18.39	6.76	15.26
38	gi|4586876|dbj|BAA36753.1|	2818	2832	7515	11.66	11.66	7.55	9.08	41.63	18.85	4.13	21.87
38	gi|4586876|dbj|BAA36753.1|	2819	2833	7516	8.42	8.42	5.96	5.88	38.55	14.08	2.67	15.26
38	gi|4586876|dbj|BAA36753.1|	2820	2834	7517	8.16	8.16	5.81	6.08	35.89	10.19	2.27	19.74
38	gi|4586876|dbj|BAA36753.1|	2821	2835	7518	8.18	8.18	6.62	6.41	35.74	10.54	1.88	19.74
38	gi|4586876|dbj|BAA36753.1|	2822	2836	7519	10.95	10.02	9.53	10.95	35.94	11.19	1.62	19.74
38	gi|4586876|dbj|BAA36753.1|	2823	2837	7520	11.88	11.88	11.77	10.85	43.71	16.17	2.67	19.74
38	gi|4586876|dbj|BAA36753.1|	2825	2839	7521	7.77	7.3	40.01	15.04	5.06	53.9	7.77	6.82
38	gi|4586876|dbj|BAA36753.1|	2826	2840	7522	10.62	3.41	21.54	10.62	5.06	59.04	13.97	4.53
38	gi|4586876|dbj|BAA36753.1|	2827	2841	7523	7.03	2.83	13.7	7.03	5.06	49.61	15.92	2
38	gi|4586876|dbj|BAA36753.1|	2828	2842	7524	6.58	2.67	14.74	6.58	5.06	44.24	13.48	1.89
38	gi|4586876|dbj|BAA36753.1|	2829	2843	7525	6.72	2.68	20.86	6.72	5.06	45.91	14.56	1.9
38	gi|4586876|dbj|BAA36753.1|	2830	2844	7526	8.67	3.67	26.46	8.67	5.06	51.2	41.71	2.41
38	gi|4586876|dbj|BAA36753.1|	2831	2845	7527	11.28	6.07	26.46	11.28	5.06	59.19	41.71	2.53
38	gi|4586876|dbj|BAA36753.1|	2833	2847	7528	10.41	16.48	1.85	2.37	10.41	21.77	40.37	0.38
38	gi|4586876|dbj|BAA36753.1|	2834	2848	7529	5.29	15.15	2.44	2.37	5.29	13.28	33.82	0.38
38	gi|4586876|dbj|BAA36753.1|	2835	2849	7530	4.54	12.33	2.05	2.37	4.54	6.21	25.08	0.38

Table 2

38	gi|4586876|dbj|BAA36753.1|	2836	2850	7531	4.64	12.33	3.41	2.37	4.64	5	21.21	0.38
38	gi|4586876|dbj|BAA36753.1|	2837	2851	7532	4.7	11.75	4.17	2.37	4.7	5.86	17.56	0.38
38	gi|4586876|dbj|BAA36753.1|	2838	2852	7533	6.87	9.38	5.38	3.78	6.87	8.22	15.44	1.41
38	gi|4586876|dbj|BAA36753.1|	2839	2853	7534	3.93	3.93	6.4	3.91	0.01	17.19	14.86	1.45
38	gi|4586876|dbj|BAA36753.1|	2852	2866	7535	12.56	2.06	24.51	3.91	40.33	25.29	12.56	4.63
38	gi|4586876|dbj|BAA36753.1|	2853	2867	7536	11.68	2.21	29.78	4.06	40.33	29.32	11.68	4.78
38	gi|4586876|dbj|BAA36753.1|	2854	2868	7537	10.45	2.21	42.98	4.12	40.33	29.9	10.45	4.76
38	gi|4586876|dbj|BAA36753.1|	2855	2869	7538	10.4	2.22	42.98	4.19	40.33	32.3	10.4	4.81
38	gi|4586876|dbj|BAA36753.1|	2856	2870	7539	14.46	4.08	52.36	12.15	40.33	38.53	14.46	12.49
38	gi|4586876|dbj|BAA36753.1|	2869	2883	7540	13.78	4.37	7.82	13.78	63.83	30.52	50.09	10.53
38	gi|4586876|dbj|BAA36753.1|	2870	2884	7541	10.02	4.37	7.82	10.02	37.4	13.09	40.11	5.05
38	gi|4586876|dbj|BAA36753.1|	2871	2885	7542	9.07	4.37	7.82	9.07	35.34	10.33	35.19	5.05
38	gi|4586876|dbj|BAA36753.1|	2872	2886	7543	7.8	4.37	7.82	7.8	34.44	7.41	28.24	5.05
38	gi|4586876|dbj|BAA36753.1|	2873	2887	7544	7.82	4.37	7.82	8.92	31.88	6.78	28.31	5.05
38	gi|4586876|dbj|BAA36753.1|	2874	2888	7545	9.3	5.87	18.29	9.3	38.61	7.23	26.53	5.05
38	gi|4586876|dbj|BAA36753.1|	2875	2889	7546	8.5	2.22	17.78	9.15	45.3	8.5	7.83	2.92
38	gi|4586876|dbj|BAA36753.1|	2876	2890	7547	7.9	2.82	30.69	10.88	50.85	7.9	5.81	4.35
38	gi|4586876|dbj|BAA36753.1|	2877	2891	7548	9.34	2.81	50.14	11.43	65.84	9.34	5.39	5.26
38	gi|4586876|dbj|BAA36753.1|	2878	2892	7549	10.64	2.8	53.65	11.52	65.04	10.64	3.68	5.65
38	gi|4586876|dbj|BAA36753.1|	2879	2893	7550	8.57	2.82	51	8.57	61.49	13.78	2.91	5.21
38	gi|4586876|dbj|BAA36753.1|	2880	2894	7551	12.18	7.57	51	12.18	64.36	18.95	1.51	10.22
38	gi|4586876|dbj|BAA36753.1|	2881	2895	7552	9.82	1.51	36.87	9.82	63.87	21.3	1.59	2.68
38	gi|4586876|dbj|BAA36753.1|	2882	2896	7553	9.1	0.53	24.93	9.1	48.05	10.19	1.47	3.44
38	gi|4586876|dbj|BAA36753.1|	2883	2897	7554	9.1	0.28	27.76	9.1	46.02	10.16	1.1	3.44
38	gi|4586876|dbj|BAA36753.1|	2884	2898	7555	8.19	0.18	28.54	12.3	45.93	8.19	0.78	3.44
38	gi|4586876|dbj|BAA36753.1|	2885	2899	7556	10.75	0.36	33.85	13.49	48.05	10.75	1.02	3.44
38	gi|4586876|dbj|BAA36753.1|	2886	2900	7557	13.91	0.81	37.28	16.94	62.89	13.91	1.34	3.8
38	gi|4586876|dbj|BAA36753.1|	2887	2901	7558	14.41	1.95	31.69	14.41	51.25	28.48	9.11	3.88
38	gi|4586876|dbj|BAA36753.1|	2888	2902	7559	18.21	17.29	40.51	19.37	4.86	37.33	18.21	11.65
38	gi|4586876|dbj|BAA36753.1|	2890	2904	7560	19.4	13.87	40.21	19.4	4.54	20.72	27.47	11.65
38	gi|4586876|dbj|BAA36753.1|	2891	2905	7561	19.68	11.3	45.14	19.69	4.77	19.68	39.8	11.65
38	gi|4586876|dbj|BAA36753.1|	2892	2906	7562	19.9	12.77	41.32	32.77	7.32	19.9	24.12	12.16
38	gi|4586876|dbj|BAA36753.1|	2896	2910	7563	14.64	3.05	35.2	15.93	52.21	14.64	4.87	14.13
38	gi|4586876|dbj|BAA36753.1|	2897	2911	7564	14.13	2.93	31.87	15.26	52.21	9.35	3.89	14.13
38	gi|4586876|dbj|BAA36753.1|	2898	2912	7565	13.32	2.01	37.98	14.71	13.32	6.23	3.13	14.13
38	gi|4586876|dbj|BAA36753.1|	2899	2913	7566	11.95	1.1	40.35	15.51	11.95	5.53	3.11	14.13
38	gi|4586876|dbj|BAA36753.1|	2900	2914	7567	10.96	0.74	40.35	27.59	10.96	7.39	3.31	14.13
38	gi|4586876|dbj|BAA36753.1|	2901	2915	7568	14.19	0.44	40.35	29.74	10.46	14.19	5.08	26.2
38	gi|4586876|dbj|BAA36753.1|	2909	2923	7569	19.46	19.46	5.43	19.99	33.1	41.81	14.73	11.66
38	gi|4586876|dbj|BAA36753.1|	2911	2925	7570	15.56	13.04	3.88	15.56	33.1	30.46	14.73	29.3
38	gi|4586876|dbj|BAA36753.1|	2912	2926	7571	14.73	14.41	3.88	9.43	33.1	31.54	14.73	21
38	gi|4586876|dbj|BAA36753.1|	2913	2927	7572	14.73	14.41	3.88	9.58	33.1	37.8	14.73	21
38	gi|4586876|dbj|BAA36753.1|	2915	2929	7573	14.73	4.29	28.91	10.14	33.1	64.04	14.73	7.89
38	gi|4586876|dbj|BAA36753.1|	2948	2962	7574	12.25	1.42	33.15	12.25	29.73	42.38	9.23	8.42
38	gi|4586876|dbj|BAA36753.1|	2949	2963	7575	9.74	1.42	24.8	9.74	29.73	16.24	9.23	8.42
38	gi|4586876|dbj|BAA36753.1|	2950	2964	7576	9.27	1.42	26.41	9.36	28.07	9.27	9.23	8.79
38	gi|4586876|dbj|BAA36753.1|	2951	2965	7577	10.51	1.42	29.83	10.92	26.01	10.51	6.71	8.93
38	gi|4586876|dbj|BAA36753.1|	2952	2966	7578	11.56	1.42	33.15	11.56	23.36	9.95	5.47	13.88

Table 2

38	gi|4586876|dbj|BAA36753.1|	2953	2967	7579	18.42	1.42	28.3	21.19	26.55	12.76	5.12	18.42
38	gi|4586876|dbj|BAA36753.1|	2956	2970	7580	18.02	0.64	28.6	25.28	19.23	18.02	15.1	5.79
38	gi|4586876|dbj|BAA36753.1|	2957	2971	7581	12.12	0.62	35.84	24.56	18.01	9.35	12.12	5.79
38	gi|4586876|dbj|BAA36753.1|	2958	2972	7582	10.93	0.66	28.3	20.09	17.91	9.65	10.93	5.79
38	gi|4586876|dbj|BAA36753.1|	2959	2973	7583	10.83	0.67	28.3	21.09	17.42	9.63	10.83	5.79
38	gi|4586876|dbj|BAA36753.1|	2971	2985	7584	16.27	14.13	4.83	20.98	10.91	39.74	16.27	19.74
38	gi|4586876|dbj|BAA36753.1|	2972	2986	7585	3.36	7.5	3.27	3.36	10.91	23.44	2.99	2.74
38	gi|4586876|dbj|BAA36753.1|	2973	2987	7586	3.27	7.5	3.27	2.68	10.91	21.04	0.91	2.87
38	gi|4586876|dbj|BAA36753.1|	2974	2988	7587	3.27	7.46	3.27	2.25	13.03	22.55	0.94	2.93
38	gi|4586876|dbj|BAA36753.1|	2975	2989	7588	9.11	9.11	19.29	2.11	13.03	21.25	0.63	2.89
38	gi|4586876|dbj|BAA36753.1|	2976	2990	7589	10.11	10.11	26.85	2.31	13.03	25.39	0.63	3
38	gi|4586876|dbj|BAA36753.1|	2977	2991	7590	13.03	18.37	39.25	5.61	13.03	40.61	1.33	9.12
38	gi|4586876|dbj|BAA36753.1|	2978	2992	7591	11.32	18.2	45.62	11.32	0.62	60.4	1.31	9.65
38	gi|4586876|dbj|BAA36753.1|	2990	3004	7592	17.35	9.22	11.7	17.35	23.1	58.8	25.08	12.09
38	gi|4586876|dbj|BAA36753.1|	2991	3005	7593	17.08	9.23	15.22	17.08	23.1	50.75	22.21	11.69
38	gi|4586876|dbj|BAA36753.1|	2996	3010	7594	17.9	17.9	33.34	10.98	71.67	55.42	17.24	12.74
38	gi|4586876|dbj|BAA36753.1|	2998	3012	7595	16.6	16.6	64.06	10.98	6.34	33.69	23.7	10.53
38	gi|4586876|dbj|BAA36753.1|	2999	3013	7596	18.77	16.6	66.73	18.77	5.08	23.69	23.7	10.53
38	gi|4586876|dbj|BAA36753.1|	3000	3014	7597	18.39	16.6	64.19	19.33	4.3	18.39	23.7	10.53
38	gi|4586876|dbj|BAA36753.1|	3007	3021	7598	10.98	16.54	4.07	10.98	8.08	23.7	51.73	7.46
38	gi|4586876|dbj|BAA36753.1|	3008	3022	7599	10.98	12.6	4.48	10.98	7.91	15.67	51.64	7.03
38	gi|4586876|dbj|BAA36753.1|	3009	3023	7600	9.81	9.81	6.41	12.62	8.53	13.62	52.09	7.03
38	gi|4586876|dbj|BAA36753.1|	3010	3024	7601	9.31	8.67	9.04	11.84	9.31	14.08	30.76	7.03
38	gi|4586876|dbj|BAA36753.1|	3011	3025	7602	11.89	15.86	9.71	11.89	14.11	17.89	4.76	7.03
38	gi|4586876|dbj|BAA36753.1|	3012	3026	7603	11.97	16.54	7.85	11.97	20.06	24.14	3.83	7.03
38	gi|4586876|dbj|BAA36753.1|	3013	3027	7604	5.79	8.34	3.95	2.71	27.7	16.57	2.59	5.79
38	gi|4586876|dbj|BAA36753.1|	3014	3028	7605	5.81	11.1	5.81	2.71	34.5	10.42	2.56	5.79
38	gi|4586876|dbj|BAA36753.1|	3015	3029	7606	8.47	11.29	8.47	2.95	34.5	8.91	2.58	5.79
38	gi|4586876|dbj|BAA36753.1|	3016	3030	7607	4.7	20.15	4.55	2.9	34.5	6.42	4.7	3.19
38	gi|4586876|dbj|BAA36753.1|	3017	3031	7608	5.89	25.85	5.41	3.28	65.97	6.01	5.89	3.19
38	gi|4586876|dbj|BAA36753.1|	3018	3032	7609	9.98	27.46	6.2	9.98	74.33	7.06	14.06	3.19
38	gi|4586876|dbj|BAA36753.1|	3019	3033	7610	11.69	17.92	5.7	11.69	75.22	10.5	14.35	3.19
38	gi|4586876|dbj|BAA36753.1|	3020	3034	7611	19.74	18.98	6.77	34.29	75.22	19.74	29.24	3.19
38	gi|4586876|dbj|BAA36753.1|	3028	3042	7612	17.01	0.02	29.72	20.14	6.85	9.75	17.01	58.13
38	gi|4586876|dbj|BAA36753.1|	3029	3043	7613	14.49	0.02	29.72	19.89	6.99	7.63	14.49	59.51
38	gi|4586876|dbj|BAA36753.1|	3030	3044	7614	10.79	0.02	30.07	15.59	7.27	7.2	10.79	28.83
38	gi|4586876|dbj|BAA36753.1|	3031	3045	7615	11.1	0.02	28.65	11.73	10.83	7.74	11.1	20.69
38	gi|4586876|dbj|BAA36753.1|	3032	3046	7616	9.36	0.12	18.78	1.59	15.13	9.36	24.23	2.31
38	gi|4586876|dbj|BAA36753.1|	3033	3047	7617	3.34	0.12	22.35	1.59	18.72	16.56	3.34	2.18
38	gi|4586876|dbj|BAA36753.1|	3034	3048	7618	3.47	1.38	25.74	1.12	28.66	17.28	3.47	2.04
38	gi|4586876|dbj|BAA36753.1|	3035	3049	7619	4.14	1.38	30.32	0.85	28.66	12.93	4.14	2.02
38	gi|4586876|dbj|BAA36753.1|	3036	3050	7620	6.39	1.38	36.49	1.16	28.66	15.8	6.39	2.12
38	gi|4586876|dbj|BAA36753.1|	3037	3051	7621	7.15	1.43	19.52	3.14	28.66	15.45	7.15	4.98
38	gi|4586876|dbj|BAA36753.1|	3038	3052	7622	14.22	6.16	20.15	4.02	28.66	21.34	14.22	5.5
38	gi|4586876|dbj|BAA36753.1|	3039	3053	7623	16.12	13.72	9.04	28.78	28.66	19.85	16.12	5.83
38	gi|4586876|dbj|BAA36753.1|	3040	3054	7624	17.32	17.32	10.91	36.59	36.84	15.75	36.51	12.23
38	gi|4586876|dbj|BAA36753.1|	3045	3059	7625	19.59	22.46	16.35	19.59	29.37	34.99	16.08	18.44
38	gi|4586876|dbj|BAA36753.1|	3048	3062	7626	16.35	12.14	16.35	18.14	10.91	40.19	16.23	23.26

Table 2

38	gi|4586876|dbj|BAA36753.1|	3055	3069	7627	19.97	19.97	5.65	15.16	34.04	33.79	60.12	11.73
38	gi|4586876|dbj|BAA36753.1|	3056	3070	7628	9.44	12.14	1.22	14.56	3.55	7.44	56.97	9.44
38	gi|4586876|dbj|BAA36753.1|	3057	3071	7629	6.9	11.41	0.94	8.99	3.04	2.43	54.28	6.9
38	gi|4586876|dbj|BAA36753.1|	3058	3072	7630	4.93	11.41	1.02	8.57	2.98	1.5	47.46	4.93
38	gi|4586876|dbj|BAA36753.1|	3059	3073	7631	4.1	11.41	1.31	15.42	3.14	1.5	49	4.1
38	gi|4586876|dbj|BAA36753.1|	3060	3074	7632	6.17	11.41	1.73	16.43	5.2	2.1	57.97	6.17
38	gi|4586876|dbj|BAA36753.1|	3061	3075	7633	9.04	12.14	2.53	16.43	7	5	71.08	9.04
38	gi|4586876|dbj|BAA36753.1|	3062	3076	7634	16.43	18.85	7.23	16.43	7	38.08	71.08	9.97
38	gi|4586876|dbj|BAA36753.1|	3065	3079	7635	19.65	23.67	19.65	8.01	7	36.13	29.43	6.45
38	gi|4586876|dbj|BAA36753.1|	3066	3080	7636	10.44	23.68	20.07	8.01	7	28.16	10.44	6.43
38	gi|4586876|dbj|BAA36753.1|	3067	3081	7637	9.98	9.71	20.07	8.01	9.98	21.56	10.65	5.62
38	gi|4586876|dbj|BAA36753.1|	3068	3082	7638	10.08	2.63	25.1	4.16	16.1	16.63	10.08	5.42
38	gi|4586876|dbj|BAA36753.1|	3069	3083	7639	10.08	2.81	25.13	4.75	25.91	18.16	10.08	4.77
38	gi|4586876|dbj|BAA36753.1|	3070	3084	7640	10.08	2.76	25.13	8.28	36.16	21.86	10.08	6.55
38	gi|4586876|dbj|BAA36753.1|	3071	3085	7641	10.08	2.41	15.32	8.18	56.9	22.54	10.08	5.68
38	gi|4586876|dbj|BAA36753.1|	3072	3086	7642	10.56	2.56	15.32	10.56	64.39	24.41	10.08	7.95
38	gi|4586876|dbj|BAA36753.1|	3073	3087	7643	12.36	4.29	15.32	12.2	58.51	27.02	12.36	7.95
38	gi|4586876|dbj|BAA36753.1|	3074	3088	7644	15.32	4.35	15.32	15.85	58.51	31.86	9.51	10.75
38	gi|4586876|dbj|BAA36753.1|	3075	3089	7645	15.32	8.34	15.32	20.85	58.51	40.83	8.08	12.09
38	gi|4586876|dbj|BAA36753.1|	3087	3101	7646	15.12	9	8.37	15.12	15.91	60.43	48.72	6.02
38	gi|4586876|dbj|BAA36753.1|	3088	3102	7647	15.25	8.98	10.01	15.25	16.3	38.37	33.56	5.15
38	gi|4586876|dbj|BAA36753.1|	3089	3103	7648	13.34	8.98	13.34	12.67	17.54	25.1	33.56	5.12
38	gi|4586876|dbj|BAA36753.1|	3090	3104	7649	13.13	7.42	17.75	10.89	13.13	18.88	33.56	5.05
38	gi|4586876|dbj|BAA36753.1|	3091	3105	7650	12.95	6.04	22.35	12.95	12.67	16.1	33.56	5.23
38	gi|4586876|dbj|BAA36753.1|	3092	3106	7651	12.95	6.92	27.78	12.95	11.99	19.02	33.56	6.97
38	gi|4586876|dbj|BAA36753.1|	3093	3107	7652	17.86	10.94	36.56	17.86	11.36	26.53	45.82	9.61
38	gi|4586876|dbj|BAA36753.1|	3114	3128	7653	15.89	4.77	18.73	13.27	15.89	48.55	44.35	4.59
38	gi|4586876|dbj|BAA36753.1|	3115	3129	7654	15.26	4.77	21.94	12.84	15.26	31.82	42.06	5.05
38	gi|4586876|dbj|BAA36753.1|	3116	3130	7655	15.4	4.77	25.11	15.4	14.92	23.89	39.45	5.33
38	gi|4586876|dbj|BAA36753.1|	3117	3131	7656	15.87	4.77	23.67	15.87	13.2	18.62	42.22	6.59
38	gi|4586876|dbj|BAA36753.1|	3125	3139	7657	15.21	8.94	26.46	15.21	52.54	1.81	31.4	0.78
38	gi|4586876|dbj|BAA36753.1|	3126	3140	7658	9.89	8.77	26.46	9.89	59.35	1.74	20.85	0.78
38	gi|4586876|dbj|BAA36753.1|	3127	3141	7659	9.75	8.96	26.46	9.75	63.69	2.1	19.33	0.78
38	gi|4586876|dbj|BAA36753.1|	3128	3142	7660	9.85	7.76	26.46	9.85	58.03	4.52	16.61	0.78
38	gi|4586876|dbj|BAA36753.1|	3129	3143	7661	11.26	6.6	31.99	12.39	63.47	11.26	11.1	1.8
38	gi|4586876|dbj|BAA36753.1|	3130	3144	7662	14.38	10.84	34.95	14.38	63.47	14.09	15.57	1.8
39	gi|178872|gb|AAA51771.1|	13	27	7663	18.34	7.19	18.34	26.46	1.55	30.47	46.07	1.98
39	gi|178872|gb|AAA51771.1|	14	28	7664	18.03	7.19	18.9	25.17	1.46	18.03	46.07	1.23
39	gi|178872|gb|AAA51771.1|	15	29	7665	13.8	7.19	20.77	32.33	1.42	13.8	43.66	1.22
39	gi|178872|gb|AAA51771.1|	16	30	7666	10.25	7.19	19.95	31.59	1.31	10.25	34.61	1.16
39	gi|178872|gb|AAA51771.1|	17	31	7667	8.82	7.19	23.68	31.47	2.33	8.82	22.7	0.38
39	gi|178872|gb|AAA51771.1|	18	32	7668	12.59	7.59	30.51	22.42	3.93	12.59	21.75	0.48
39	gi|178872|gb|AAA51771.1|	19	33	7669	14.61	7.41	33.19	21.05	5.91	14.61	20.71	0.6
39	gi|178872|gb|AAA51771.1|	20	34	7670	17.34	2.99	17.34	19.86	45.92	11.83	18.97	1.4
39	gi|178872|gb|AAA51771.1|	21	35	7671	11.73	2.99	10.99	19.89	49.32	11.73	14.49	1.4
39	gi|178872|gb|AAA51771.1|	22	36	7672	13.91	2.99	13.91	21.77	49.99	12.91	14.89	1.48
39	gi|178872|gb|AAA51771.1|	23	37	7673	16.81	2.99	16.81	32.42	54.47	19.84	13.71	1.54
39	gi|178872|gb|AAA51771.1|	24	38	7674	17.3	2.99	17.3	33.88	61.28	27.97	10.08	8.92

Table 2

39	gi|178872|gb|AAA51771.1|	25	39	7675	18.16	2.99	18.16	42.26	66.97	37.04	11.91	8.92
39	gi|178872|gb|AAA51771.1|	26	40	7676	18.16	2.99	18.16	38.85	75.22	51.14	13.24	8.92
39	gi|178872|gb|AAA51771.1|	176	190	7677	16.38	7.73	2.95	16.38	58.57	15.62	24.44	17.18
39	gi|178872|gb|AAA51771.1|	177	191	7678	16.38	3.81	2.2	16.38	51.39	7.79	19.82	17.18
39	gi|178872|gb|AAA51771.1|	178	192	7679	14.81	2.63	3.17	16.38	50.25	6.73	14.81	17.18
39	gi|178872|gb|AAA51771.1|	179	193	7680	16.41	4.47	5.08	30.1	22.82	9.52	16.41	17.8
39	gi|178872|gb|AAA51771.1|	180	194	7681	17.8	8.05	8.11	50.13	22.82	18.03	11.32	17.8
39	gi|178872|gb|AAA51771.1|	181	195	7682	17.8	13.92	10.39	50.49	22.82	32.2	1.59	17.8
39	gi|178872|gb|AAA51771.1|	233	247	7683	18.27	11.59	4.22	14.24	65.61	24.2	18.27	21.62
39	gi|178872|gb|AAA51771.1|	234	248	7684	14.23	11.59	4.28	8.46	60.7	25.9	14.23	21
39	gi|178872|gb|AAA51771.1|	235	249	7685	15.95	11.59	6.41	9.95	63.48	37.78	15.95	21
39	gi|178872|gb|AAA51771.1|	236	250	7686	17.51	11.59	8.2	11.87	70.15	51.27	17.51	21
39	gi|178872|gb|AAA51771.1|	237	251	7687	17.71	12.86	15.81	17.68	74.13	63.1	17.71	25.04
39	gi|178872|gb|AAA51771.1|	264	278	7688	19.99	7.96	39.25	19.99	44.63	13.67	47.36	0.62
39	gi|178872|gb|AAA51771.1|	265	279	7689	19.99	7.86	39.83	19.99	44.63	11.1	46.44	0.62
39	gi|178872|gb|AAA51771.1|	266	280	7690	19.99	8.27	39.83	19.99	44.63	15.54	42.13	0.62
39	gi|178872|gb|AAA51771.1|	332	346	7691	18.26	12.91	18.26	17.98	50.3	35.73	68.74	4.69
39	gi|178872|gb|AAA51771.1|	336	350	7692	13.6	13.6	7.09	0.9	48.21	46.86	60.33	4.69
39	gi|178872|gb|AAA51771.1|	338	352	7693	12.42	9.61	12.42	0.9	48.21	47.67	56.72	4.69
39	gi|178872|gb|AAA51771.1|	339	353	7694	14.34	9.61	14.34	0.9	48.21	41.21	52.65	10.53
39	gi|178872|gb|AAA51771.1|	340	354	7695	14.34	9.61	14.34	0.9	48.21	37.9	49.89	10.53
39	gi|178872|gb|AAA51771.1|	341	355	7696	14.34	9.61	14.34	1.71	48.21	40.19	50.01	12.76
39	gi|178872|gb|AAA51771.1|	342	356	7697	13.08	9.61	14.34	1.77	0.04	45.39	62.21	13.08
39	gi|178872|gb|AAA51771.1|	356	370	7698	15.67	25.24	15.67	7.59	14.86	26.58	52.63	7.46
39	gi|178872|gb|AAA51771.1|	357	371	7699	15.67	26.55	15.67	14.15	14.86	26.76	52.63	7.46
39	gi|178872|gb|AAA51771.1|	358	372	7700	15.67	19.85	15.67	14.28	14.86	29.09	52.63	7.46
39	gi|178872|gb|AAA51771.1|	378	392	7701	8.08	6.18	48.32	23.66	8.08	21.93	7.97	4.34
39	gi|178872|gb|AAA51771.1|	379	393	7702	8.08	6.18	56.82	24.23	8.08	11.78	7.97	4.34
39	gi|178872|gb|AAA51771.1|	380	394	7703	8.08	4.85	68.11	24.21	8.08	8.85	7.97	4.34
39	gi|178872|gb|AAA51771.1|	381	395	7704	7.97	3.7	69.22	32.19	8.08	7.57	7.97	4.34
39	gi|178872|gb|AAA51771.1|	382	396	7705	8.08	6.18	73.15	34.25	8.08	9.57	7.97	4.34
39	gi|178872|gb|AAA51771.1|	383	397	7706	16.65	6.18	79.59	34.71	8.08	16.65	16.81	11.59
39	gi|178872|gb|AAA51771.1|	531	545	7707	17.84	14.41	26.99	40.04	0.97	17.84	24.94	5.87
39	gi|178872|gb|AAA51771.1|	532	546	7708	18.88	14.41	31.87	40.29	1	18.88	25.48	6.22
39	gi|178872|gb|AAA51771.1|	533	547	7709	14.53	14.41	14.53	44.18	0.29	20.99	47.22	6.23
39	gi|178872|gb|AAA51771.1|	534	548	7710	19.05	14.41	19.05	51.58	0.46	25.76	57.06	14.76
39	gi|178872|gb|AAA51771.1|	541	555	7711	19.26	19.26	67.56	11.71	6.84	74.4	38.31	7.95
39	gi|178872|gb|AAA51771.1|	578	592	7712	18.78	18.63	18.78	47.69	43.15	10.25	44.89	2.28
39	gi|178872|gb|AAA51771.1|	623	637	7713	5.66	15.77	2.99	2.38	75.22	5.63	9.88	5.66
39	gi|178872|gb|AAA51771.1|	624	638	7714	6.6	16.76	3.55	2.36	75.22	2.53	7.54	6.6
39	gi|178872|gb|AAA51771.1|	625	639	7715	6.39	15.77	4.96	2.38	75.22	2.45	6.39	6.6
39	gi|178872|gb|AAA51771.1|	626	640	7716	6.6	14.96	7.25	2.4	75.22	2.72	3.98	6.6
39	gi|178872|gb|AAA51771.1|	627	641	7717	6.6	14.96	9.82	2.54	75.22	3.85	2.86	6.6
39	gi|178872|gb|AAA51771.1|	628	642	7718	9.64	18.48	16.52	9.64	75.22	9.35	3.17	6.6
39	gi|178872|gb|AAA51771.1|	629	643	7719	17.67	17.67	24.83	10.04	75.22	38.47	3.68	6.6
39	gi|178872|gb|AAA51771.1|	665	679	7720	17.08	4.01	27.21	26.65	0.23	46.45	17.08	13.66
39	gi|178872|gb|AAA51771.1|	666	680	7721	12.96	4.01	25.13	26.7	0.24	49.64	12.96	9.31
39	gi|178872|gb|AAA51771.1|	667	681	7722	11.64	4.01	25.13	28.68	0.25	48.91	11.64	9.59

Table 2

39	gi|178872|gb|AAA51771.1|	668	682	7723	16.2	4.01	25.13	30.23	0.24	45.46	16.2	9.24
39	gi|178872|gb|AAA51771.1|	669	683	7724	9.65	7.3	25.13	9.65	1.4	40.97	15.33	6.6
39	gi|178872|gb|AAA51771.1|	670	684	7725	9.96	7.7	25.13	9.96	1.42	44.24	13.71	7.78
39	gi|178872|gb|AAA51771.1|	704	718	7726	16.52	16.13	15.67	16.52	52.04	46.6	36.47	0.62
39	gi|178872|gb|AAA51771.1|	705	719	7727	15.67	17.95	15.67	12.95	52.04	29.79	14.97	0.62
39	gi|178872|gb|AAA51771.1|	706	720	7728	13.74	13.74	15.67	9.06	52.04	19.55	10.68	0.62
39	gi|178872|gb|AAA51771.1|	707	721	7729	13.81	13.81	15.67	9.28	52.04	16.15	9	0.62
39	gi|178872|gb|AAA51771.1|	708	722	7730	6.91	5.18	6.91	8.37	52.04	8.72	6.63	0.62
39	gi|178872|gb|AAA51771.1|	709	723	7731	5.77	5.74	6.45	11.81	52.04	4.16	5.77	0.86
39	gi|178872|gb|AAA51771.1|	710	724	7732	5.39	3.31	6.7	10.57	52.04	1.62	5.39	0.62
39	gi|178872|gb|AAA51771.1|	711	725	7733	6.38	6.18	7.51	12.62	55.99	1.09	6.38	1.04
39	gi|178872|gb|AAA51771.1|	712	726	7734	7.19	6.18	8.82	13.17	55.99	0.93	7.19	0.54
39	gi|178872|gb|AAA51771.1|	713	727	7735	11.23	6.18	11.23	13.14	55.99	1.54	19.31	0.28
39	gi|178872|gb|AAA51771.1|	714	728	7736	6.38	8.34	12.7	1.4	55.99	4.09	6.38	0.39
39	gi|178872|gb|AAA51771.1|	715	729	7737	12.16	20	35.17	1.54	55.99	8.79	12.16	0.6
39	gi|178872|gb|AAA51771.1|	716	730	7738	20	20	42.22	1.64	67.92	28.17	12.36	1.1
39	gi|178872|gb|AAA51771.1|	720	734	7739	7.44	0.77	60.74	7.14	1.23	26.97	7.44	20.96
39	gi|178872|gb|AAA51771.1|	728	742	7740	18.02	44.27	23.97	1.79	16.53	66.52	8.18	18.02
39	gi|178872|gb|AAA51771.1|	729	743	7741	12.86	2.71	14.23	1.61	16.53	30.7	6.8	12.86
39	gi|178872|gb|AAA51771.1|	730	744	7742	12.86	2.71	13.06	1.5	24.04	18.75	5.07	12.86
39	gi|178872|gb|AAA51771.1|	731	745	7743	6.13	2.71	13.27	1.42	6.13	14.19	4.89	8.31
39	gi|178872|gb|AAA51771.1|	732	746	7744	6.84	2.71	17.6	3.66	6.13	13.67	6.84	10.08
39	gi|178872|gb|AAA51771.1|	733	747	7745	6.94	2.46	22.65	4.02	6.13	16.78	21.12	6.94
39	gi|178872|gb|AAA51771.1|	734	748	7746	14.32	4.2	29.16	14.32	6.13	23.82	26.46	10.04
39	gi|178872|gb|AAA51771.1|	735	749	7747	17.42	4.32	39.05	17.42	6.13	51.19	26.46	9.49
39	gi|178872|gb|AAA51771.1|	738	752	7748	17.12	25.5	17.12	1.76	9.29	48.27	26.46	2.78
39	gi|178872|gb|AAA51771.1|	739	753	7749	9.29	7.58	18.69	1.76	9.29	31.93	26.46	2.69
39	gi|178872|gb|AAA51771.1|	743	757	7750	13.69	8.49	13.69	1.38	39.34	25.15	36.52	10.14
39	gi|178872|gb|AAA51771.1|	745	759	7751	16.4	14.07	15.52	17.86	28.77	16.07	68.5	16.4
39	gi|178872|gb|AAA51771.1|	746	760	7752	5.03	12.33	0.07	5.03	14.82	4.21	68.5	0.86
39	gi|178872|gb|AAA51771.1|	747	761	7753	4.91	7.94	0.13	4.91	12.91	1.68	77.54	0.86
39	gi|178872|gb|AAA51771.1|	748	762	7754	4.89	4.89	0.21	5.2	9.74	0.91	70.22	0.86
39	gi|178872|gb|AAA51771.1|	749	763	7755	4.23	4.23	0.43	4.69	8.95	0.79	67.14	0.86
39	gi|178872|gb|AAA51771.1|	750	764	7756	5.06	5.06	0.7	7.41	5.99	1.54	27.69	0.86
39	gi|178872|gb|AAA51771.1|	751	765	7757	5.99	10.35	1.43	12.13	5.99	4.79	27.69	1.43
39	gi|178872|gb|AAA51771.1|	752	766	7758	7.41	19.25	2.18	7.41	5.99	20.27	21.72	1.46
39	gi|178872|gb|AAA51771.1|	753	767	7759	13.04	13.04	28.68	2.77	5.99	43.61	9.41	21.62
39	gi|178872|gb|AAA51771.1|	754	768	7760	9.32	13.04	9.32	2.64	5.99	32.09	8.03	10.53
39	gi|178872|gb|AAA51771.1|	755	769	7761	10.53	13.04	11.66	2.66	5.99	20.41	6.42	10.53
39	gi|178872|gb|AAA51771.1|	756	770	7762	6.3	2.71	14.88	2.73	5.99	14.77	6.3	10.53
39	gi|178872|gb|AAA51771.1|	757	771	7763	10.53	2.71	17.57	3.74	11.47	11.95	6.45	10.53
39	gi|178872|gb|AAA51771.1|	758	772	7764	11.9	2.71	20.98	4.67	11.9	12.52	16.15	10.78
39	gi|178872|gb|AAA51771.1|	759	773	7765	15.17	3.86	26.64	8.68	11.82	17.51	26.22	15.17
39	gi|178872|gb|AAA51771.1|	760	774	7766	17.89	3.57	32.61	25.61	16.06	17.89	63.28	13.62
39	gi|178872|gb|AAA51771.1|	763	777	7767	17.61	5.69	34.12	16.88	23.02	17.61	40.94	12.7
39	gi|178872|gb|AAA51771.1|	764	778	7768	17.12	5.69	32.93	17.12	28.45	13.62	32.87	11.6
39	gi|178872|gb|AAA51771.1|	765	779	7769	3.63	5.69	1.18	3.75	3.63	1.68	34.09	0.53
39	gi|178872|gb|AAA51771.1|	766	780	7770	3.54	5.69	1.2	3.75	3.54	0.6	36.39	0.53

Table 2

39	gi|178872|gb|AAA51771.1|	767	781	7771	3.55	5.69	1.22	3.75	3.55	0.44	24.33	0.53
39	gi|178872|gb|AAA51771.1|	768	782	7772	3.51	7.21	1.22	3.75	3.51	0.52	23.12	0.54
39	gi|178872|gb|AAA51771.1|	769	783	7773	3.75	7.21	1.1	3.75	5.71	0.82	23.12	0.57
39	gi|178872|gb|AAA51771.1|	770	784	7774	3.75	8.67	3.17	3.75	9.23	1.69	22.25	2.05
39	gi|178872|gb|AAA51771.1|	771	785	7775	7.2	7.21	3.12	3.75	14.77	7.2	20.34	2.07
39	gi|178872|gb|AAA51771.1|	772	786	7776	11.44	11.44	24.32	6.22	28.37	11.16	20.53	5.73
39	gi|178872|gb|AAA51771.1|	773	787	7777	7.22	7.22	30.06	6.44	28.37	5.22	16.29	4.84
39	gi|178872|gb|AAA51771.1|	774	788	7778	9.57	7.21	12.09	13.96	28.37	2.79	9.57	4.82
39	gi|178872|gb|AAA51771.1|	775	789	7779	7.21	7.21	13.66	14.35	28.37	2.6	6.86	4.81
39	gi|178872|gb|AAA51771.1|	776	790	7780	8.87	8.87	15.37	28.59	16.26	3.68	4.84	4.67
39	gi|178872|gb|AAA51771.1|	777	791	7781	10.86	10.86	17.96	31.76	20.32	5.41	4.41	8.88
39	gi|178872|gb|AAA51771.1|	778	792	7782	16.26	17.27	20.58	27.66	16.26	12.57	3.08	10.95
39	gi|178872|gb|AAA51771.1|	779	793	7783	19.91	19.53	25.32	28.37	16.26	29.47	2.06	19.91
39	gi|178872|gb|AAA51771.1|	782	796	7784	16.8	15.45	26.97	25.57	16.26	36.89	5.82	16.8
39	gi|178872|gb|AAA51771.1|	783	797	7785	19.82	15.75	19.82	31.45	47.87	35.84	12.53	17.01
39	gi|178872|gb|AAA51771.1|	784	798	7786	19.88	15.56	19.88	35.19	48.26	40.06	13.64	19.77
39	gi|178872|gb|AAA51771.1|	788	802	7787	13.97	13.97	7.79	40.23	43.42	38.04	10.31	6.82
39	gi|178872|gb|AAA51771.1|	789	803	7788	7.76	7.76	1.48	26.96	17.69	22.64	7.2	5.68
39	gi|178872|gb|AAA51771.1|	790	804	7789	9.59	6.75	1.76	27.46	16.07	22.08	9.59	5.8
39	gi|178872|gb|AAA51771.1|	791	805	7790	10.16	4.53	1.8	26.6	14.64	20.56	10.16	7.6
39	gi|178872|gb|AAA51771.1|	792	806	7791	10.51	4.62	2.46	26.45	15.91	22.72	10.51	7.54
39	gi|178872|gb|AAA51771.1|	793	807	7792	15.13	7.76	3.63	30.47	24.02	31.07	9.11	15.13
39	gi|178872|gb|AAA51771.1|	796	810	7793	18.81	18.81	10.95	3.33	22.83	40.02	29.55	0.3
39	gi|178872|gb|AAA51771.1|	797	811	7794	13.42	8.84	13.42	2.37	22.83	34.05	25.17	0.3
39	gi|178872|gb|AAA51771.1|	799	813	7795	4.77	4.77	21.62	1.4	22.83	32.21	4.27	0.3
39	gi|178872|gb|AAA51771.1|	800	814	7796	4.77	4.77	8.5	1.4	22.83	35.15	4.27	0.3
39	gi|178872|gb|AAA51771.1|	801	815	7797	4.77	4.77	8.5	2.23	22.83	44.9	4.27	0.3
39	gi|178872|gb|AAA51771.1|	802	816	7798	4.77	4.77	8.5	0.45	22.83	63.52	4.27	0.3
39	gi|178872|gb|AAA51771.1|	803	817	7799	8.5	4.78	8.5	0.67	35.64	77.03	4.27	14.7
39	gi|178872|gb|AAA51771.1|	804	818	7800	8.5	6.9	8.5	0.75	35.64	73.56	4.27	16.2
39	gi|178872|gb|AAA51771.1|	805	819	7801	8.04	6.48	8.5	0.67	33.79	42.11	4.27	8.04
39	gi|178872|gb|AAA51771.1|	806	820	7802	8.13	6.35	8.5	0.72	35.64	27.81	7.48	8.13
39	gi|178872|gb|AAA51771.1|	807	821	7803	9.86	8.17	18.91	2.92	35.64	24.96	9.86	4.98
39	gi|178872|gb|AAA51771.1|	808	822	7804	12.77	12.77	18.91	3.02	35.64	22.48	11.39	4.95
39	gi|178872|gb|AAA51771.1|	809	823	7805	18.78	14.48	32.67	18.78	53.67	23.73	10.84	5.08
39	gi|178872|gb|AAA51771.1|	810	824	7806	16.34	16.34	26.46	11.94	62.2	26.92	10.75	5.24
39	gi|178872|gb|AAA51771.1|	811	825	7807	18.71	18.71	32.1	11.8	55.95	32.53	13.15	5.31
39	gi|178872|gb|AAA51771.1|	812	826	7808	15.07	19.34	41.17	15.07	14.84	44.02	4.57	9.12
39	gi|178872|gb|AAA51771.1|	813	827	7809	15.14	27.7	47.58	15.14	14.84	50.21	4.36	9.14
39	gi|178872|gb|AAA51771.1|	819	833	7810	14.34	1.54	7.09	14.34	12.9	19.35	19.73	19.08
39	gi|178872|gb|AAA51771.1|	820	834	7811	13.28	1.15	7.88	13.28	12.81	13.67	16.46	21.53
39	gi|178872|gb|AAA51771.1|	821	835	7812	14.59	1.02	9.9	14.91	15.1	14.44	14.59	19.18
39	gi|178872|gb|AAA51771.1|	822	836	7813	8.74	1.57	8.74	10.06	10.45	7.72	9.97	7.68
39	gi|178872|gb|AAA51771.1|	823	837	7814	10.14	1.57	10.93	10.21	10.14	8.02	16.32	7.83
39	gi|178872|gb|AAA51771.1|	824	838	7815	8.65	1.57	13.74	17.3	10.39	8.65	8.23	1.69
39	gi|178872|gb|AAA51771.1|	825	839	7816	9.53	2.01	16.13	17.24	9.53	9.95	7.04	1.69
39	gi|178872|gb|AAA51771.1|	826	840	7817	7.08	1.57	14.44	19.52	7.42	7.08	6.69	1.69
39	gi|178872|gb|AAA51771.1|	827	841	7818	5.9	1.97	16.29	15.95	8.2	4.45	5.9	1.69

Table 2

39	gi|178872|gb|AAA51771.1|	828	842	7819	5.58	1.95	19.08	16.19	5.47	5.7	5.58	1.69
39	gi|178872|gb|AAA51771.1|	829	843	7820	8.25	10.25	24.3	21.45	5.47	6.13	8.25	1.69
39	gi|178872|gb|AAA51771.1|	830	844	7821	10.25	10.25	27.74	18.78	5.47	6.11	12.63	1.69
39	gi|178872|gb|AAA51771.1|	831	845	7822	10.92	10.92	32.69	21.72	5.47	6.98	17.64	3.44
39	gi|178872|gb|AAA51771.1|	832	846	7823	11.01	10.92	38.09	22.33	5.47	11.01	20.13	3.44
39	gi|178872|gb|AAA51771.1|	834	848	7824	16.87	13.72	39.83	16.87	10.82	33.59	35.3	3.44
39	gi|178872|gb|AAA51771.1|	835	849	7825	18.29	13.72	48.32	15.74	75.22	44.15	18.29	3.44
39	gi|178872|gb|AAA51771.1|	848	862	7826	18.75	14.41	20.48	18.75	53.59	20.2	16.95	15.55
39	gi|178872|gb|AAA51771.1|	849	863	7827	11.1	9.81	13.89	14.29	46.8	11.1	8.46	3.78
39	gi|178872|gb|AAA51771.1|	850	864	7828	9.37	9.37	13.66	14.42	46.19	7.34	6.81	4.46
39	gi|178872|gb|AAA51771.1|	851	865	7829	9.15	9.15	16.13	17.39	50.56	6.42	5.73	4.34
39	gi|178872|gb|AAA51771.1|	852	866	7830	11.5	11.5	18.98	26.75	54.34	8.25	7.67	4.76
39	gi|178872|gb|AAA51771.1|	853	867	7831	9.11	8.34	15.08	34.63	0.02	10.85	9.11	9.04
39	gi|178872|gb|AAA51771.1|	854	868	7832	11.89	8.34	17.01	38.41	0.02	17.35	9.81	11.89
39	gi|178872|gb|AAA51771.1|	855	869	7833	7.14	5.39	20.55	30.83	0.02	12.86	7.14	1.87
39	gi|178872|gb|AAA51771.1|	856	870	7834	9.12	3.67	28.33	34.6	0.02	11.63	9.12	1.87
39	gi|178872|gb|AAA51771.1|	857	871	7835	7.15	3.33	27.53	34.31	0.02	8.88	7.15	1.87
39	gi|178872|gb|AAA51771.1|	858	872	7836	4.3	4.26	31.91	34.14	0.21	9.83	4.3	1.87
39	gi|178872|gb|AAA51771.1|	859	873	7837	5.24	5.24	33.15	37.29	0.22	13.53	4.29	1.87
39	gi|178872|gb|AAA51771.1|	868	882	7838	15.33	1.14	17.05	26.95	4.04	16.4	2.53	15.33
39	gi|178872|gb|AAA51771.1|	869	883	7839	10.19	1.14	22.34	29.93	4.32	10.19	3.24	16.19
39	gi|178872|gb|AAA51771.1|	870	884	7840	7.23	1.14	23.65	15.24	4.37	7.23	3.52	14.67
39	gi|178872|gb|AAA51771.1|	871	885	7841	4.47	1.14	9.17	4.42	4.47	4.73	3.14	14.67
39	gi|178872|gb|AAA51771.1|	872	886	7842	7.4	1.14	10.95	4.42	7.4	4.5	13.07	14.15
39	gi|178872|gb|AAA51771.1|	873	887	7843	5.02	1.79	0.45	4.42	12.18	5.02	13.44	12.33
39	gi|178872|gb|AAA51771.1|	874	888	7844	8.92	1.77	0.73	4.42	20.5	8.92	13.44	14.67
39	gi|178872|gb|AAA51771.1|	875	889	7845	12.76	2.18	0.9	4.42	14.05	13.46	12.76	15.27
39	gi|178872|gb|AAA51771.1|	876	890	7846	10.78	2.31	1.57	4.42	14.05	20.92	10.78	15.27
39	gi|178872|gb|AAA51771.1|	877	891	7847	13.44	2.53	2.6	4.42	14.05	35.18	13.44	15.47
39	gi|178872|gb|AAA51771.1|	878	892	7848	14.05	6.25	3.88	26.35	14.05	46.25	13.44	27.8
39	gi|178872|gb|AAA51771.1|	879	893	7849	18.77	1.01	6.33	32.02	1.53	46.49	18.77	28
39	gi|178872|gb|AAA51771.1|	883	897	7850	16.12	0.73	43	34.53	2.31	38.21	16.12	9.97
39	gi|178872|gb|AAA51771.1|	884	898	7851	14.77	1.01	60.94	37.54	4.05	45.12	14.77	9.97
39	gi|178872|gb|AAA51771.1|	885	899	7852	13.64	1.01	56.53	40.24	7.02	60.15	13.64	12.23
39	gi|178872|gb|AAA51771.1|	886	900	7853	16.57	15.72	63.11	39.68	13.27	60.93	16.57	12.23
39	gi|178872|gb|AAA51771.1|	887	901	7854	15.72	15.72	17.03	17.55	13.27	50.57	8.77	12.23
39	gi|178872|gb|AAA51771.1|	888	902	7855	15.72	15.72	22.35	18.81	13.27	51.13	5.01	13.28
39	gi|178872|gb|AAA51771.1|	889	903	7856	15.72	15.72	27.66	17.76	13.27	46.04	4.32	12.23
39	gi|178872|gb|AAA51771.1|	890	904	7857	8.91	2.87	2.22	8.91	17.82	24.79	1.14	9.44
39	gi|178872|gb|AAA51771.1|	891	905	7858	6.54	2.19	2.01	6.54	17.82	10.19	0.66	8.42
39	gi|178872|gb|AAA51771.1|	892	906	7859	6.54	2.19	2.84	6.54	17.82	7.44	0.66	8.42
39	gi|178872|gb|AAA51771.1|	893	907	7860	6.46	2.33	5.15	6.46	17.82	7.9	0.68	8.42
39	gi|178872|gb|AAA51771.1|	894	908	7861	7.62	2.89	7.62	6.82	17.82	9.08	0.81	8.42
39	gi|178872|gb|AAA51771.1|	895	909	7862	8.42	4.34	10.44	5.15	17.82	13.1	1.75	8.42
39	gi|178872|gb|AAA51771.1|	896	910	7863	9.87	9.87	14.66	5.15	17.82	24.65	2.95	8.42
39	gi|178872|gb|AAA51771.1|	897	911	7864	9.05	8.96	37.73	5.15	66.22	49.86	9.05	8.42
39	gi|178872|gb|AAA51771.1|	898	912	7865	15.27	4.01	7.79	5.15	34.36	31.44	30.14	15.27
39	gi|178872|gb|AAA51771.1|	899	913	7866	15.27	4.01	7.71	5.15	34.36	16.37	30.27	15.27

Table 2

39	gi|178872|gb|AAA51771.1|	900	914	7867	12.18	4.01	5.41	12.18	34.36	10.47	32.18	15.27
39	gi|178872|gb|AAA51771.1|	901	915	7868	12.18	4.01	7.02	12.18	34.36	9.79	28.9	15.27
39	gi|178872|gb|AAA51771.1|	902	916	7869	16.35	4.01	9.9	16.35	34.36	12.81	19.37	17.8
39	gi|178872|gb|AAA51771.1|	903	917	7870	18.33	8.33	12.94	22.71	34.36	18.33	21.21	14.28
40	gi|178882|gb|AAA51772.1|	13	27	7871	18.34	7.19	18.34	26.46	1.55	30.47	46.07	1.98
40	gi|178882|gb|AAA51772.1|	14	28	7872	18.03	7.19	18.9	25.17	1.46	18.03	46.07	1.23
40	gi|178882|gb|AAA51772.1|	15	29	7873	13.8	7.19	20.77	32.33	1.42	13.8	43.66	1.22
40	gi|178882|gb|AAA51772.1|	16	30	7874	10.25	7.19	19.95	31.59	1.31	10.25	34.61	1.16
40	gi|178882|gb|AAA51772.1|	17	31	7875	8.82	7.19	23.68	31.47	2.33	8.82	22.7	0.38
40	gi|178882|gb|AAA51772.1|	18	32	7876	12.59	7.59	30.51	22.42	3.93	12.59	21.75	0.48
40	gi|178882|gb|AAA51772.1|	19	33	7877	14.61	7.41	33.19	21.05	5.91	14.61	20.71	0.6
40	gi|178882|gb|AAA51772.1|	20	34	7878	17.34	2.99	17.34	19.86	45.92	11.83	18.97	1.4
40	gi|178882|gb|AAA51772.1|	21	35	7879	11.73	2.99	10.99	19.89	49.32	11.73	14.49	1.4
40	gi|178882|gb|AAA51772.1|	22	36	7880	13.91	2.99	13.91	21.77	49.99	12.91	14.89	1.48
40	gi|178882|gb|AAA51772.1|	23	37	7881	16.81	2.99	16.81	32.42	54.47	19.84	13.71	1.54
40	gi|178882|gb|AAA51772.1|	24	38	7882	17.3	2.99	17.3	33.88	61.28	27.97	10.08	8.92
40	gi|178882|gb|AAA51772.1|	25	39	7883	18.16	2.99	18.16	42.26	66.97	37.04	11.91	8.92
40	gi|178882|gb|AAA51772.1|	26	40	7884	18.16	2.99	18.16	38.85	75.22	51.14	13.24	8.92
40	gi|178882|gb|AAA51772.1|	176	190	7885	16.38	7.73	2.95	16.38	58.57	15.62	24.44	17.18
40	gi|178882|gb|AAA51772.1|	177	191	7886	16.38	3.81	2.2	16.38	51.39	7.79	19.82	17.18
40	gi|178882|gb|AAA51772.1|	178	192	7887	14.81	2.63	3.17	16.38	50.25	6.73	14.81	17.18
40	gi|178882|gb|AAA51772.1|	179	193	7888	16.41	4.47	5.08	30.1	22.82	9.52	16.41	17.8
40	gi|178882|gb|AAA51772.1|	180	194	7889	17.8	8.05	8.11	50.13	22.82	18.03	11.32	17.8
40	gi|178882|gb|AAA51772.1|	181	195	7890	17.8	13.92	10.39	50.49	22.82	32.2	1.59	17.8
40	gi|178882|gb|AAA51772.1|	233	247	7891	18.27	11.59	4.22	14.24	65.61	24.2	18.27	21.62
40	gi|178882|gb|AAA51772.1|	234	248	7892	14.23	11.59	4.28	8.46	60.7	25.9	14.23	21
40	gi|178882|gb|AAA51772.1|	235	249	7893	15.95	11.59	6.41	9.95	63.48	37.78	15.95	21
40	gi|178882|gb|AAA51772.1|	236	250	7894	17.51	11.59	8.2	11.87	70.15	51.27	17.51	21
40	gi|178882|gb|AAA51772.1|	237	251	7895	17.71	12.86	15.81	17.68	74.13	63.1	17.71	25.04
40	gi|178882|gb|AAA51772.1|	264	278	7896	19.99	7.96	39.25	19.99	44.63	13.67	47.36	0.62
40	gi|178882|gb|AAA51772.1|	265	279	7897	19.99	7.86	39.83	19.99	44.63	11.1	46.44	0.62
40	gi|178882|gb|AAA51772.1|	266	280	7898	19.99	8.27	39.83	19.99	44.63	15.54	42.13	0.62
40	gi|178882|gb|AAA51772.1|	332	346	7899	18.26	12.91	18.26	17.98	50.3	35.73	68.74	4.69
40	gi|178882|gb|AAA51772.1|	336	350	7900	13.6	13.6	7.09	0.9	48.21	46.86	60.33	4.69
40	gi|178882|gb|AAA51772.1|	338	352	7901	12.42	9.61	12.42	0.9	48.21	47.67	56.72	4.69
40	gi|178882|gb|AAA51772.1|	339	353	7902	14.34	9.61	14.34	0.9	48.21	41.21	52.65	10.53
40	gi|178882|gb|AAA51772.1|	340	354	7903	14.34	9.61	14.34	0.9	48.21	37.9	49.89	10.53
40	gi|178882|gb|AAA51772.1|	341	355	7904	14.34	9.61	14.34	1.71	48.21	40.19	50.01	12.76
40	gi|178882|gb|AAA51772.1|	342	356	7905	13.08	9.61	14.34	1.77	0.04	45.39	62.21	13.08
40	gi|178882|gb|AAA51772.1|	356	370	7906	15.67	25.24	15.67	7.59	14.86	26.58	52.63	7.46
40	gi|178882|gb|AAA51772.1|	357	371	7907	15.67	26.55	15.67	14.15	14.86	26.76	52.63	7.46
40	gi|178882|gb|AAA51772.1|	358	372	7908	15.67	19.85	15.67	14.28	14.86	29.09	52.63	7.46
40	gi|178882|gb|AAA51772.1|	378	392	7909	8.08	6.18	48.32	23.66	8.08	21.93	7.97	4.34
40	gi|178882|gb|AAA51772.1|	379	393	7910	8.08	6.18	56.82	24.23	8.08	11.78	7.97	4.34
40	gi|178882|gb|AAA51772.1|	380	394	7911	8.08	4.85	68.11	24.21	8.08	8.85	7.97	4.34
40	gi|178882|gb|AAA51772.1|	381	395	7912	7.97	3.7	69.22	32.19	8.08	7.57	7.97	4.34
40	gi|178882|gb|AAA51772.1|	382	396	7913	8.08	6.18	73.15	34.25	8.08	9.57	7.97	4.34
40	gi|178882|gb|AAA51772.1|	383	397	7914	16.65	6.18	79.59	34.71	8.08	16.65	16.81	11.59

Table 2

40	gi|178882|gb|AAA51772.1|	531	545	7915	17.84	14.41	26.99	40.04	0.97	17.84	24.94	5.87
40	gi|178882|gb|AAA51772.1|	532	546	7916	18.88	14.41	31.87	40.29	1	18.88	25.48	6.22
40	gi|178882|gb|AAA51772.1|	533	547	7917	14.53	14.41	14.53	44.18	0.29	20.99	47.22	6.23
40	gi|178882|gb|AAA51772.1|	534	548	7918	19.05	14.41	19.05	51.58	0.46	25.76	57.06	14.76
40	gi|178882|gb|AAA51772.1|	541	555	7919	19.26	19.26	67.56	11.71	6.84	74.4	38.31	7.95
40	gi|178882|gb|AAA51772.1|	578	592	7920	18.78	18.63	18.78	47.69	43.15	10.25	44.89	2.28
40	gi|178882|gb|AAA51772.1|	623	637	7921	5.66	15.77	2.99	2.38	75.22	5.63	9.88	5.66
40	gi|178882|gb|AAA51772.1|	624	638	7922	6.6	16.76	3.55	2.36	75.22	2.53	7.54	6.6
40	gi|178882|gb|AAA51772.1|	625	639	7923	6.39	15.77	4.96	2.38	75.22	2.45	6.39	6.6
40	gi|178882|gb|AAA51772.1|	626	640	7924	6.6	14.96	7.25	2.4	75.22	2.72	3.98	6.6
40	gi|178882|gb|AAA51772.1|	627	641	7925	6.6	14.96	9.82	2.54	75.22	3.85	2.86	6.6
40	gi|178882|gb|AAA51772.1|	628	642	7926	9.64	18.48	16.52	9.64	75.22	9.35	3.17	6.6
40	gi|178882|gb|AAA51772.1|	629	643	7927	17.67	17.67	24.83	10.04	75.22	38.47	3.68	6.6
40	gi|178882|gb|AAA51772.1|	665	679	7928	17.08	4.01	27.21	26.65	0.23	46.45	17.08	13.66
40	gi|178882|gb|AAA51772.1|	666	680	7929	12.96	4.01	25.13	26.7	0.24	49.64	12.96	9.31
40	gi|178882|gb|AAA51772.1|	667	681	7930	11.64	4.01	25.13	28.68	0.25	48.91	11.64	9.59
40	gi|178882|gb|AAA51772.1|	668	682	7931	16.2	4.01	25.13	30.23	0.24	45.46	16.2	9.24
40	gi|178882|gb|AAA51772.1|	669	683	7932	9.65	7.3	25.13	9.65	1.4	40.97	15.33	6.6
40	gi|178882|gb|AAA51772.1|	670	684	7933	9.96	7.7	25.13	9.96	1.42	44.24	13.71	7.78
40	gi|178882|gb|AAA51772.1|	704	718	7934	16.52	16.13	15.67	16.52	52.04	46.6	36.47	0.62
40	gi|178882|gb|AAA51772.1|	705	719	7935	15.67	17.95	15.67	12.95	52.04	29.79	14.97	0.62
40	gi|178882|gb|AAA51772.1|	706	720	7936	13.74	13.74	15.67	9.06	52.04	19.55	10.68	0.62
40	gi|178882|gb|AAA51772.1|	707	721	7937	13.81	13.81	15.67	9.28	52.04	16.15	9	0.62
40	gi|178882|gb|AAA51772.1|	708	722	7938	6.91	5.18	6.91	8.37	52.04	8.72	6.63	0.62
40	gi|178882|gb|AAA51772.1|	709	723	7939	5.77	5.74	6.45	11.81	52.04	4.16	5.77	0.86
40	gi|178882|gb|AAA51772.1|	710	724	7940	5.39	3.31	6.7	10.57	52.04	1.62	5.39	0.62
40	gi|178882|gb|AAA51772.1|	711	725	7941	6.38	6.18	7.51	12.62	55.99	1.09	6.38	1.04
40	gi|178882|gb|AAA51772.1|	712	726	7942	7.19	6.18	8.82	13.17	55.99	0.93	7.19	0.54
40	gi|178882|gb|AAA51772.1|	713	727	7943	11.23	6.18	11.23	13.14	55.99	1.54	19.31	0.28
40	gi|178882|gb|AAA51772.1|	714	728	7944	6.38	8.34	12.7	1.4	55.99	4.09	6.38	0.39
40	gi|178882|gb|AAA51772.1|	715	729	7945	12.16	20	35.17	1.54	55.99	8.79	12.16	0.6
40	gi|178882|gb|AAA51772.1|	716	730	7946	20	20	42.22	1.64	67.92	28.17	12.36	1.1
40	gi|178882|gb|AAA51772.1|	720	734	7947	7.44	0.77	60.74	7.14	1.23	26.97	7.44	20.96
40	gi|178882|gb|AAA51772.1|	728	742	7948	18.02	44.27	23.97	1.79	16.53	66.52	8.18	18.02
40	gi|178882|gb|AAA51772.1|	729	743	7949	12.86	2.71	14.23	1.61	16.53	30.7	6.8	12.86
40	gi|178882|gb|AAA51772.1|	730	744	7950	12.86	2.71	13.06	1.5	24.04	18.75	5.07	12.86
40	gi|178882|gb|AAA51772.1|	731	745	7951	6.13	2.71	13.27	1.42	6.13	14.19	4.89	8.31
40	gi|178882|gb|AAA51772.1|	732	746	7952	6.84	2.71	17.6	3.66	6.13	13.67	6.84	10.08
40	gi|178882|gb|AAA51772.1|	733	747	7953	6.94	2.46	22.65	4.02	6.13	16.78	21.12	6.94
40	gi|178882|gb|AAA51772.1|	734	748	7954	14.32	4.2	29.16	14.32	6.13	23.82	26.46	10.04
40	gi|178882|gb|AAA51772.1|	735	749	7955	17.42	4.32	39.05	17.42	6.13	51.19	26.46	9.49
40	gi|178882|gb|AAA51772.1|	738	752	7956	17.12	25.5	17.12	1.76	9.29	48.27	26.46	2.78
40	gi|178882|gb|AAA51772.1|	739	753	7957	9.29	7.58	18.69	1.76	9.29	31.93	26.46	2.69
40	gi|178882|gb|AAA51772.1|	743	757	7958	13.69	8.49	13.69	1.38	39.34	25.15	36.52	10.14
40	gi|178882|gb|AAA51772.1|	745	759	7959	16.4	14.07	15.52	17.86	28.77	16.07	68.5	16.4
40	gi|178882|gb|AAA51772.1|	746	760	7960	5.03	12.33	0.07	5.03	14.82	4.21	68.5	0.86
40	gi|178882|gb|AAA51772.1|	747	761	7961	4.91	7.94	0.13	4.91	12.91	1.68	77.54	0.86
40	gi|178882|gb|AAA51772.1|	748	762	7962	4.89	4.89	0.21	5.2	9.74	0.91	70.22	0.86

Table 2

40	gi|178882|gb|AAA51772.1|	749	763	7963	4.23	4.23	0.43	4.69	8.95	0.79	67.14	0.86
40	gi|178882|gb|AAA51772.1|	750	764	7964	5.06	5.06	0.7	7.41	5.99	1.54	27.69	0.86
40	gi|178882|gb|AAA51772.1|	751	765	7965	5.99	10.35	1.43	12.13	5.99	4.79	27.69	1.43
40	gi|178882|gb|AAA51772.1|	752	766	7966	7.41	19.25	2.18	7.41	5.99	20.27	21.72	1.46
40	gi|178882|gb|AAA51772.1|	753	767	7967	13.04	13.04	28.68	2.77	5.99	43.61	9.41	21.62
40	gi|178882|gb|AAA51772.1|	754	768	7968	9.32	13.04	9.32	2.64	5.99	32.09	8.03	10.53
40	gi|178882|gb|AAA51772.1|	755	769	7969	10.53	13.04	11.66	2.66	5.99	20.41	6.42	10.53
40	gi|178882|gb|AAA51772.1|	756	770	7970	6.3	2.71	14.88	2.73	5.99	14.77	6.3	10.53
40	gi|178882|gb|AAA51772.1|	757	771	7971	10.53	2.71	17.57	3.74	11.47	11.95	6.45	10.53
40	gi|178882|gb|AAA51772.1|	758	772	7972	11.9	2.71	20.98	4.67	11.9	12.52	16.15	10.78
40	gi|178882|gb|AAA51772.1|	759	773	7973	15.17	3.86	26.64	8.68	11.82	17.51	26.22	15.17
40	gi|178882|gb|AAA51772.1|	760	774	7974	17.89	3.57	32.61	25.61	16.06	17.89	63.28	13.62
40	gi|178882|gb|AAA51772.1|	763	777	7975	17.61	5.69	34.12	16.88	23.02	17.61	40.94	12.7
40	gi|178882|gb|AAA51772.1|	764	778	7976	17.12	5.69	32.93	17.12	28.45	13.62	32.87	11.6
40	gi|178882|gb|AAA51772.1|	765	779	7977	3.63	5.69	1.18	3.75	3.63	1.68	34.09	0.53
40	gi|178882|gb|AAA51772.1|	766	780	7978	3.54	5.69	1.2	3.75	3.54	0.6	36.39	0.53
40	gi|178882|gb|AAA51772.1|	767	781	7979	3.55	5.69	1.22	3.75	3.55	0.44	24.33	0.53
40	gi|178882|gb|AAA51772.1|	768	782	7980	3.51	7.21	1.22	3.75	3.51	0.52	23.12	0.54
40	gi|178882|gb|AAA51772.1|	769	783	7981	3.75	7.21	1.1	3.75	5.71	0.82	23.12	0.57
40	gi|178882|gb|AAA51772.1|	770	784	7982	3.75	8.67	3.17	3.75	9.23	1.69	22.25	2.05
40	gi|178882|gb|AAA51772.1|	771	785	7983	7.2	7.21	3.12	3.75	14.77	7.2	20.34	2.07
40	gi|178882|gb|AAA51772.1|	772	786	7984	11.44	11.44	24.32	6.22	28.37	11.16	20.53	5.73
40	gi|178882|gb|AAA51772.1|	773	787	7985	7.22	7.22	30.06	6.44	28.37	5.22	16.29	4.84
40	gi|178882|gb|AAA51772.1|	774	788	7986	9.57	7.21	12.09	13.96	28.37	2.79	9.57	4.82
40	gi|178882|gb|AAA51772.1|	775	789	7987	7.21	7.21	13.66	14.35	28.37	2.6	6.86	4.81
40	gi|178882|gb|AAA51772.1|	776	790	7988	8.87	8.87	15.37	28.59	16.26	3.68	4.84	4.67
40	gi|178882|gb|AAA51772.1|	777	791	7989	10.86	10.86	17.96	31.76	20.32	5.41	4.41	8.88
40	gi|178882|gb|AAA51772.1|	778	792	7990	16.26	17.27	20.58	27.66	16.26	12.57	3.08	10.95
40	gi|178882|gb|AAA51772.1|	779	793	7991	19.91	19.53	25.32	28.37	16.26	29.47	2.06	19.91
40	gi|178882|gb|AAA51772.1|	782	796	7992	16.8	15.45	26.97	25.57	16.26	36.89	5.82	16.8
40	gi|178882|gb|AAA51772.1|	783	797	7993	19.82	15.75	19.82	31.45	47.87	35.84	12.53	17.01
40	gi|178882|gb|AAA51772.1|	784	798	7994	19.88	15.56	19.88	35.19	48.26	40.06	13.64	19.77
40	gi|178882|gb|AAA51772.1|	788	802	7995	13.97	13.97	7.79	40.23	43.42	38.04	10.31	6.82
40	gi|178882|gb|AAA51772.1|	789	803	7996	7.76	7.76	1.48	26.96	17.69	22.64	7.2	5.68
40	gi|178882|gb|AAA51772.1|	790	804	7997	9.59	6.75	1.76	27.46	16.07	22.08	9.59	5.8
40	gi|178882|gb|AAA51772.1|	791	805	7998	10.16	4.53	1.8	26.6	14.64	20.56	10.16	7.6
40	gi|178882|gb|AAA51772.1|	792	806	7999	10.51	4.62	2.46	26.45	15.91	22.72	10.51	7.54
40	gi|178882|gb|AAA51772.1|	793	807	8000	15.13	7.76	3.63	30.47	24.02	31.07	9.11	15.13
40	gi|178882|gb|AAA51772.1|	796	810	8001	18.81	18.81	10.95	3.33	22.83	40.02	29.55	0.3
40	gi|178882|gb|AAA51772.1|	797	811	8002	13.42	8.84	13.42	2.37	22.83	34.05	25.17	0.3
40	gi|178882|gb|AAA51772.1|	799	813	8003	4.77	4.77	21.62	1.4	22.83	32.21	4.27	0.3
40	gi|178882|gb|AAA51772.1|	800	814	8004	4.77	4.77	8.5	1.4	22.83	35.15	4.27	0.3
40	gi|178882|gb|AAA51772.1|	801	815	8005	4.77	4.77	8.5	2.23	22.83	44.9	4.27	0.3
40	gi|178882|gb|AAA51772.1|	802	816	8006	4.77	4.77	8.5	0.45	22.83	63.52	4.27	0.3
40	gi|178882|gb|AAA51772.1|	803	817	8007	8.5	4.78	8.5	0.67	35.64	77.03	4.27	14.7
40	gi|178882|gb|AAA51772.1|	804	818	8008	8.5	6.9	8.5	0.75	35.64	73.56	4.27	16.2
40	gi|178882|gb|AAA51772.1|	805	819	8009	8.04	6.48	8.5	0.67	33.79	42.11	4.27	8.04
40	gi|178882|gb|AAA51772.1|	806	820	8010	8.13	6.35	8.5	0.72	35.64	27.81	7.48	8.13

Table 2

40	gi|178882|gb|AAA51772.1|	807	821	8011	9.86	8.17	18.91	2.92	35.64	24.96	9.86	4.98
40	gi|178882|gb|AAA51772.1|	808	822	8012	12.77	12.77	18.91	3.02	35.64	22.48	11.39	4.95
40	gi|178882|gb|AAA51772.1|	809	823	8013	18.78	14.48	32.67	18.78	53.67	23.73	10.84	5.08
40	gi|178882|gb|AAA51772.1|	810	824	8014	16.34	16.34	26.46	11.94	62.2	26.92	10.75	5.24
40	gi|178882|gb|AAA51772.1|	811	825	8015	18.71	18.71	32.1	11.8	55.95	32.53	13.15	5.31
40	gi|178882|gb|AAA51772.1|	812	826	8016	15.07	19.34	41.17	15.07	14.84	44.02	4.57	9.12
40	gi|178882|gb|AAA51772.1|	813	827	8017	15.14	27.7	47.58	15.14	14.84	50.21	4.36	9.14
40	gi|178882|gb|AAA51772.1|	819	833	8018	14.34	1.54	7.09	14.34	12.9	19.35	19.73	19.08
40	gi|178882|gb|AAA51772.1|	820	834	8019	13.28	1.15	7.88	13.28	12.81	13.67	16.46	21.53
40	gi|178882|gb|AAA51772.1|	821	835	8020	14.59	1.02	9.9	14.91	15.1	14.44	14.59	19.18
40	gi|178882|gb|AAA51772.1|	822	836	8021	8.74	1.57	8.74	10.06	10.45	7.72	9.97	7.68
40	gi|178882|gb|AAA51772.1|	823	837	8022	10.14	1.57	10.93	10.21	10.14	8.02	16.32	7.83
40	gi|178882|gb|AAA51772.1|	824	838	8023	8.65	1.57	13.74	17.3	10.39	8.65	8.23	1.69
40	gi|178882|gb|AAA51772.1|	825	839	8024	9.53	2.01	16.13	17.24	9.53	9.95	7.04	1.69
40	gi|178882|gb|AAA51772.1|	826	840	8025	7.08	1.57	14.44	19.52	7.42	7.08	6.69	1.69
40	gi|178882|gb|AAA51772.1|	827	841	8026	5.9	1.97	16.29	15.95	8.2	4.45	5.9	1.69
40	gi|178882|gb|AAA51772.1|	828	842	8027	5.58	1.95	19.08	16.19	5.47	5.7	5.58	1.69
40	gi|178882|gb|AAA51772.1|	829	843	8028	8.25	10.25	24.3	21.45	5.47	6.13	8.25	1.69
40	gi|178882|gb|AAA51772.1|	830	844	8029	10.25	10.25	27.74	18.78	5.47	6.11	12.63	1.69
40	gi|178882|gb|AAA51772.1|	831	845	8030	10.92	10.92	32.69	21.72	5.47	6.98	17.64	3.44
40	gi|178882|gb|AAA51772.1|	832	846	8031	11.01	10.92	38.09	22.33	5.47	11.01	20.13	3.44
40	gi|178882|gb|AAA51772.1|	834	848	8032	16.87	13.72	39.83	16.87	10.82	33.59	35.3	3.44
40	gi|178882|gb|AAA51772.1|	835	849	8033	18.29	13.72	48.32	15.74	75.22	44.15	18.29	3.44
40	gi|178882|gb|AAA51772.1|	848	862	8034	18.75	14.41	20.48	18.75	53.59	20.2	16.95	15.55
40	gi|178882|gb|AAA51772.1|	849	863	8035	11.1	9.81	13.89	14.29	46.8	11.1	8.46	3.78
40	gi|178882|gb|AAA51772.1|	850	864	8036	9.37	9.37	13.66	14.42	46.19	7.34	6.81	4.46
40	gi|178882|gb|AAA51772.1|	851	865	8037	9.15	9.15	16.13	17.39	50.56	6.42	5.73	4.34
40	gi|178882|gb|AAA51772.1|	852	866	8038	11.5	11.5	18.98	26.75	54.34	8.25	7.67	4.76
40	gi|178882|gb|AAA51772.1|	853	867	8039	9.11	8.34	15.08	34.63	0.02	10.85	9.11	9.04
40	gi|178882|gb|AAA51772.1|	854	868	8040	11.89	8.34	17.01	38.41	0.02	17.35	9.81	11.89
40	gi|178882|gb|AAA51772.1|	855	869	8041	7.14	5.39	20.55	30.83	0.02	12.86	7.14	1.87
40	gi|178882|gb|AAA51772.1|	856	870	8042	9.12	3.67	28.33	34.6	0.02	11.63	9.12	1.87
40	gi|178882|gb|AAA51772.1|	857	871	8043	7.15	3.33	27.53	34.31	0.02	8.88	7.15	1.87
40	gi|178882|gb|AAA51772.1|	858	872	8044	4.3	4.26	31.91	34.14	0.21	9.83	4.3	1.87
40	gi|178882|gb|AAA51772.1|	859	873	8045	5.24	5.24	33.15	37.29	0.22	13.53	4.29	1.87
40	gi|178882|gb|AAA51772.1|	868	882	8046	15.33	1.14	17.05	26.95	4.04	16.4	2.53	15.33
40	gi|178882|gb|AAA51772.1|	869	883	8047	10.19	1.14	22.34	29.93	4.32	10.19	3.24	16.19
40	gi|178882|gb|AAA51772.1|	870	884	8048	7.23	1.14	23.65	15.24	4.37	7.23	3.52	14.67
40	gi|178882|gb|AAA51772.1|	871	885	8049	4.47	1.14	9.17	4.42	4.47	4.73	3.14	14.67
40	gi|178882|gb|AAA51772.1|	872	886	8050	7.4	1.14	10.95	4.42	7.4	4.5	13.07	14.15
40	gi|178882|gb|AAA51772.1|	873	887	8051	5.02	1.79	0.45	4.42	12.18	5.02	13.44	12.33
40	gi|178882|gb|AAA51772.1|	874	888	8052	8.92	1.77	0.73	4.42	20.5	8.92	13.44	14.67
40	gi|178882|gb|AAA51772.1|	875	889	8053	12.76	2.18	0.9	4.42	14.05	13.46	12.76	15.27
40	gi|178882|gb|AAA51772.1|	876	890	8054	10.78	2.31	1.57	4.42	14.05	20.92	10.78	15.27
40	gi|178882|gb|AAA51772.1|	877	891	8055	13.44	2.53	2.6	4.42	14.05	35.18	13.44	15.47
40	gi|178882|gb|AAA51772.1|	878	892	8056	14.05	6.25	3.88	26.35	14.05	46.25	13.44	27.8
40	gi|178882|gb|AAA51772.1|	879	893	8057	18.77	1.01	6.33	32.02	1.53	46.49	18.77	28
40	gi|178882|gb|AAA51772.1|	883	897	8058	16.12	0.73	43	34.53	2.31	38.21	16.12	9.97

Table 2

40	gi|178882|gb|AAA51772.1|	884	898	8059	14.77	1.01	60.94	37.54	4.05	45.12	14.77	9.97
40	gi|178882|gb|AAA51772.1|	885	899	8060	13.64	1.01	56.53	40.24	7.02	60.15	13.64	12.23
40	gi|178882|gb|AAA51772.1|	886	900	8061	16.57	15.72	63.11	39.68	13.27	60.93	16.57	12.23
40	gi|178882|gb|AAA51772.1|	887	901	8062	15.72	15.72	17.03	17.55	13.27	50.57	8.77	12.23
40	gi|178882|gb|AAA51772.1|	888	902	8063	15.72	15.72	22.35	18.81	13.27	51.13	5.01	13.28
40	gi|178882|gb|AAA51772.1|	889	903	8064	15.72	15.72	27.66	17.76	13.27	46.04	4.32	12.23
40	gi|178882|gb|AAA51772.1|	890	904	8065	8.91	2.87	2.22	8.91	17.82	24.79	1.14	9.44
40	gi|178882|gb|AAA51772.1|	891	905	8066	6.54	2.19	2.01	6.54	17.82	10.19	0.66	8.42
40	gi|178882|gb|AAA51772.1|	892	906	8067	6.54	2.19	2.84	6.54	17.82	7.44	0.66	8.42
40	gi|178882|gb|AAA51772.1|	893	907	8068	6.46	2.33	5.15	6.46	17.82	7.9	0.68	8.42
40	gi|178882|gb|AAA51772.1|	894	908	8069	7.62	2.89	7.62	6.82	17.82	9.08	0.81	8.42
40	gi|178882|gb|AAA51772.1|	895	909	8070	8.42	4.34	10.44	5.15	17.82	13.1	1.75	8.42
40	gi|178882|gb|AAA51772.1|	896	910	8071	9.87	9.87	14.66	5.15	17.82	24.65	2.95	8.42
40	gi|178882|gb|AAA51772.1|	897	911	8072	9.05	8.96	37.73	5.15	66.22	49.86	9.05	8.42
40	gi|178882|gb|AAA51772.1|	898	912	8073	15.27	4.01	7.79	5.15	34.36	31.44	30.14	15.27
40	gi|178882|gb|AAA51772.1|	899	913	8074	15.27	4.01	7.71	5.15	34.36	16.37	30.27	15.27
40	gi|178882|gb|AAA51772.1|	900	914	8075	12.18	4.01	5.41	12.18	34.36	10.47	32.18	15.27
40	gi|178882|gb|AAA51772.1|	901	915	8076	12.18	4.01	7.02	12.18	34.36	9.79	28.9	15.27
40	gi|178882|gb|AAA51772.1|	902	916	8077	16.35	4.01	9.9	16.35	34.36	12.81	19.37	17.8
40	gi|178882|gb|AAA51772.1|	903	917	8078	18.33	8.33	12.94	22.71	34.36	18.33	21.21	14.28
41	gi|178906|gb|AAA51886.1|	13	27	8079	18.34	7.19	18.34	26.46	1.55	30.47	46.07	1.98
41	gi|178906|gb|AAA51886.1|	14	28	8080	18.03	7.19	18.9	25.17	1.46	18.03	46.07	1.23
41	gi|178906|gb|AAA51886.1|	15	29	8081	13.8	7.19	20.77	32.33	1.42	13.8	43.66	1.22
41	gi|178906|gb|AAA51886.1|	16	30	8082	10.25	7.19	19.95	31.59	1.31	10.25	34.61	1.16
41	gi|178906|gb|AAA51886.1|	17	31	8083	8.82	7.19	23.68	31.47	2.33	8.82	22.7	0.38
41	gi|178906|gb|AAA51886.1|	18	32	8084	12.59	7.59	30.51	22.42	3.93	12.59	21.75	0.48
41	gi|178906|gb|AAA51886.1|	19	33	8085	14.61	7.41	33.19	21.05	5.91	14.61	20.71	0.6
41	gi|178906|gb|AAA51886.1|	20	34	8086	17.34	2.99	17.34	19.86	45.92	11.83	18.97	1.4
41	gi|178906|gb|AAA51886.1|	21	35	8087	11.73	2.99	10.99	19.89	49.32	11.73	14.49	1.4
41	gi|178906|gb|AAA51886.1|	22	36	8088	13.91	2.99	13.91	21.77	49.99	12.91	14.89	1.48
41	gi|178906|gb|AAA51886.1|	23	37	8089	16.81	2.99	16.81	32.42	54.47	19.84	13.71	1.54
41	gi|178906|gb|AAA51886.1|	24	38	8090	17.3	2.99	17.3	33.88	61.28	27.97	10.08	8.92
41	gi|178906|gb|AAA51886.1|	25	39	8091	18.16	2.99	18.16	42.26	66.97	37.04	11.91	8.92
41	gi|178906|gb|AAA51886.1|	26	40	8092	18.16	2.99	18.16	38.85	75.22	51.14	13.24	8.92
41	gi|178906|gb|AAA51886.1|	177	191	8093	16.38	7.73	2.95	16.38	58.57	15.62	24.44	17.18
41	gi|178906|gb|AAA51886.1|	178	192	8094	16.38	3.81	2.2	16.38	51.39	7.79	19.82	17.18
41	gi|178906|gb|AAA51886.1|	179	193	8095	14.81	2.63	3.17	16.38	50.25	6.73	14.81	17.18
41	gi|178906|gb|AAA51886.1|	180	194	8096	16.41	4.47	5.08	30.1	22.82	9.52	16.41	17.8
41	gi|178906|gb|AAA51886.1|	181	195	8097	17.8	8.05	8.11	50.13	22.82	18.03	11.32	17.8
41	gi|178906|gb|AAA51886.1|	182	196	8098	17.8	13.92	10.39	50.49	22.82	32.2	1.59	17.8
41	gi|178906|gb|AAA51886.1|	234	248	8099	18.27	11.59	4.22	14.24	65.61	24.2	18.27	21.62
41	gi|178906|gb|AAA51886.1|	235	249	8100	14.23	11.59	4.28	8.46	60.7	25.9	14.23	21
41	gi|178906|gb|AAA51886.1|	236	250	8101	15.95	11.59	6.41	9.95	63.48	37.78	15.95	21
41	gi|178906|gb|AAA51886.1|	237	251	8102	17.51	11.59	8.2	11.87	70.15	51.27	17.51	21
41	gi|178906|gb|AAA51886.1|	238	252	8103	17.71	12.86	15.81	17.68	74.13	63.1	17.71	25.04
41	gi|178906|gb|AAA51886.1|	265	279	8104	19.99	7.96	39.25	19.99	44.63	13.67	47.36	0.62
41	gi|178906|gb|AAA51886.1|	266	280	8105	19.99	7.86	39.83	19.99	44.63	11.1	46.44	0.62
41	gi|178906|gb|AAA51886.1|	267	281	8106	19.99	8.27	39.83	19.99	44.63	15.54	42.13	0.62

Table 2

41	gi|178906|gb|AAA51886.1|	333	347	8107	18.26	12.91	18.26	17.98	50.3	35.73	68.74	4.69
41	gi|178906|gb|AAA51886.1|	337	351	8108	13.6	13.6	7.09	0.9	48.21	46.86	60.33	4.69
41	gi|178906|gb|AAA51886.1|	339	353	8109	12.42	9.61	12.42	0.9	48.21	47.67	56.72	4.69
41	gi|178906|gb|AAA51886.1|	340	354	8110	14.34	9.61	14.34	0.9	48.21	41.21	52.65	10.53
41	gi|178906|gb|AAA51886.1|	341	355	8111	14.34	9.61	14.34	0.9	48.21	37.9	49.89	10.53
41	gi|178906|gb|AAA51886.1|	342	356	8112	14.34	9.61	14.34	1.71	48.21	40.19	50.01	12.76
41	gi|178906|gb|AAA51886.1|	343	357	8113	13.08	9.61	14.34	1.77	0.04	45.39	62.21	13.08
41	gi|178906|gb|AAA51886.1|	357	371	8114	15.67	25.24	15.67	7.59	14.86	26.58	52.63	7.46
41	gi|178906|gb|AAA51886.1|	358	372	8115	15.67	26.55	15.67	14.15	14.86	26.76	52.63	7.46
41	gi|178906|gb|AAA51886.1|	359	373	8116	15.67	19.85	15.67	14.28	14.86	29.09	52.63	7.46
41	gi|178906|gb|AAA51886.1|	379	393	8117	8.08	6.18	48.32	23.66	8.08	21.93	7.97	4.34
41	gi|178906|gb|AAA51886.1|	380	394	8118	8.08	6.18	56.82	24.23	8.08	11.78	7.97	4.34
41	gi|178906|gb|AAA51886.1|	381	395	8119	8.08	4.85	68.11	24.21	8.08	8.85	7.97	4.34
41	gi|178906|gb|AAA51886.1|	382	396	8120	7.97	3.7	69.22	32.19	8.08	7.57	7.97	4.34
41	gi|178906|gb|AAA51886.1|	383	397	8121	8.08	6.18	73.15	34.25	8.08	9.57	7.97	4.34
41	gi|178906|gb|AAA51886.1|	384	398	8122	16.65	6.18	79.59	34.71	8.08	16.65	16.81	11.59
41	gi|178906|gb|AAA51886.1|	533	547	8123	17.84	14.41	26.99	40.04	0.97	17.84	24.94	5.87
41	gi|178906|gb|AAA51886.1|	534	548	8124	18.88	14.41	31.87	40.29	1	18.88	25.48	6.22
41	gi|178906|gb|AAA51886.1|	535	549	8125	14.53	14.41	14.53	44.18	0.29	20.99	47.22	6.23
41	gi|178906|gb|AAA51886.1|	536	550	8126	19.05	14.41	19.05	51.58	0.46	25.76	57.06	14.76
41	gi|178906|gb|AAA51886.1|	543	557	8127	19.26	19.26	67.56	11.71	6.84	74.4	38.31	7.95
41	gi|178906|gb|AAA51886.1|	580	594	8128	18.78	18.63	18.78	47.69	43.15	10.25	44.89	2.28
41	gi|178906|gb|AAA51886.1|	625	639	8129	5.66	15.77	2.99	2.38	75.22	5.63	9.88	5.66
41	gi|178906|gb|AAA51886.1|	626	640	8130	6.6	16.76	3.55	2.36	75.22	2.53	7.54	6.6
41	gi|178906|gb|AAA51886.1|	627	641	8131	6.39	15.77	4.96	2.38	75.22	2.45	6.39	6.6
41	gi|178906|gb|AAA51886.1|	628	642	8132	6.6	14.96	7.25	2.4	75.22	2.72	3.98	6.6
41	gi|178906|gb|AAA51886.1|	629	643	8133	6.6	14.96	9.82	2.54	75.22	3.85	2.86	6.6
41	gi|178906|gb|AAA51886.1|	630	644	8134	9.64	18.48	16.52	9.64	75.22	9.35	3.17	6.6
41	gi|178906|gb|AAA51886.1|	631	645	8135	17.67	17.67	24.83	10.04	75.22	38.47	3.68	6.6
41	gi|178906|gb|AAA51886.1|	667	681	8136	17.08	4.01	27.21	26.65	0.23	46.45	17.08	13.66
41	gi|178906|gb|AAA51886.1|	668	682	8137	12.96	4.01	25.13	26.7	0.24	49.64	12.96	9.31
41	gi|178906|gb|AAA51886.1|	669	683	8138	11.64	4.01	25.13	28.68	0.25	48.91	11.64	9.59
41	gi|178906|gb|AAA51886.1|	670	684	8139	16.2	4.01	25.13	30.23	0.24	45.46	16.2	9.24
41	gi|178906|gb|AAA51886.1|	671	685	8140	9.65	7.3	25.13	9.65	1.4	40.97	15.33	6.6
41	gi|178906|gb|AAA51886.1|	672	686	8141	9.96	7.7	25.13	9.96	1.42	44.24	13.71	7.78
41	gi|178906|gb|AAA51886.1|	706	720	8142	16.52	16.13	15.67	16.52	52.04	46.6	36.47	0.62
41	gi|178906|gb|AAA51886.1|	707	721	8143	15.67	17.95	15.67	12.95	52.04	29.79	14.97	0.62
41	gi|178906|gb|AAA51886.1|	708	722	8144	13.74	13.74	15.67	9.06	52.04	19.55	10.68	0.62
41	gi|178906|gb|AAA51886.1|	709	723	8145	13.81	13.81	15.67	9.28	52.04	16.15	9	0.62
41	gi|178906|gb|AAA51886.1|	710	724	8146	6.91	5.18	6.91	8.37	52.04	8.72	6.63	0.62
41	gi|178906|gb|AAA51886.1|	711	725	8147	5.77	5.74	6.45	11.81	52.04	4.16	5.77	0.86
41	gi|178906|gb|AAA51886.1|	712	726	8148	5.39	3.31	6.7	10.57	52.04	1.62	5.39	0.62
41	gi|178906|gb|AAA51886.1|	713	727	8149	6.38	6.18	7.51	12.62	55.99	1.09	6.38	1.04
41	gi|178906|gb|AAA51886.1|	714	728	8150	7.19	6.18	8.82	13.17	55.99	0.93	7.19	0.54
41	gi|178906|gb|AAA51886.1|	715	729	8151	11.23	6.18	11.23	13.14	55.99	1.54	19.31	0.28
41	gi|178906|gb|AAA51886.1|	716	730	8152	6.38	8.34	12.7	1.4	55.99	4.09	6.38	0.39
41	gi|178906|gb|AAA51886.1|	717	731	8153	12.16	20	35.17	1.54	55.99	8.79	12.16	0.6
41	gi|178906|gb|AAA51886.1|	718	732	8154	20	20	42.22	1.64	67.92	28.17	12.36	1.1

Table 2

41	gi|178906|gb|AAA51886.1|	722	736	8155	7.44	0.77	60.74	7.14	1.23	26.97	7.44	20.96
41	gi|178906|gb|AAA51886.1|	730	744	8156	18.02	44.27	23.97	1.79	16.53	66.52	8.18	18.02
41	gi|178906|gb|AAA51886.1|	731	745	8157	12.86	2.71	14.23	1.61	16.53	30.7	6.8	12.86
41	gi|178906|gb|AAA51886.1|	732	746	8158	12.86	2.71	13.06	1.5	24.04	18.75	5.07	12.86
41	gi|178906|gb|AAA51886.1|	733	747	8159	6.13	2.71	13.27	1.42	6.13	14.19	4.89	8.31
41	gi|178906|gb|AAA51886.1|	734	748	8160	6.84	2.71	17.6	3.66	6.13	13.67	6.84	10.08
41	gi|178906|gb|AAA51886.1|	735	749	8161	6.94	2.46	22.65	4.02	6.13	16.78	21.12	6.94
41	gi|178906|gb|AAA51886.1|	736	750	8162	14.32	4.2	29.16	14.32	6.13	23.82	26.46	10.04
41	gi|178906|gb|AAA51886.1|	737	751	8163	17.42	4.32	39.05	17.42	6.13	51.19	26.46	9.49
41	gi|178906|gb|AAA51886.1|	740	754	8164	17.12	25.5	17.12	1.76	9.29	48.27	26.46	2.78
41	gi|178906|gb|AAA51886.1|	741	755	8165	9.29	7.58	18.69	1.76	9.29	31.93	26.46	2.69
41	gi|178906|gb|AAA51886.1|	745	759	8166	13.69	8.49	13.69	1.38	39.34	25.15	36.52	10.14
41	gi|178906|gb|AAA51886.1|	747	761	8167	16.4	14.07	15.52	17.86	28.77	16.07	68.5	16.4
41	gi|178906|gb|AAA51886.1|	748	762	8168	5.03	12.33	0.07	5.03	14.82	4.21	68.5	0.86
41	gi|178906|gb|AAA51886.1|	749	763	8169	4.91	7.94	0.13	4.91	12.91	1.68	77.54	0.86
41	gi|178906|gb|AAA51886.1|	750	764	8170	4.89	4.89	0.21	5.2	9.74	0.91	70.22	0.86
41	gi|178906|gb|AAA51886.1|	751	765	8171	4.23	4.23	0.43	4.69	8.95	0.79	67.14	0.86
41	gi|178906|gb|AAA51886.1|	752	766	8172	5.06	5.06	0.7	7.41	5.99	1.54	27.69	0.86
41	gi|178906|gb|AAA51886.1|	753	767	8173	5.99	10.35	1.43	12.13	5.99	4.79	27.69	1.43
41	gi|178906|gb|AAA51886.1|	754	768	8174	7.41	19.25	2.18	7.41	5.99	20.27	21.72	1.46
41	gi|178906|gb|AAA51886.1|	755	769	8175	13.04	13.04	28.68	2.77	5.99	43.61	9.41	21.62
41	gi|178906|gb|AAA51886.1|	756	770	8176	9.32	13.04	9.32	2.64	5.99	32.09	8.03	10.53
41	gi|178906|gb|AAA51886.1|	757	771	8177	10.53	13.04	11.66	2.66	5.99	20.41	6.42	10.53
41	gi|178906|gb|AAA51886.1|	758	772	8178	6.3	2.71	14.88	2.73	5.99	14.77	6.3	10.53
41	gi|178906|gb|AAA51886.1|	759	773	8179	10.53	2.71	17.57	3.74	11.47	11.95	6.45	10.53
41	gi|178906|gb|AAA51886.1|	760	774	8180	11.9	2.71	20.98	4.67	11.9	12.52	16.15	10.78
41	gi|178906|gb|AAA51886.1|	761	775	8181	15.17	3.86	26.64	8.68	11.82	17.51	26.22	15.17
41	gi|178906|gb|AAA51886.1|	762	776	8182	17.89	3.57	32.61	25.61	16.06	17.89	63.28	13.62
41	gi|178906|gb|AAA51886.1|	765	779	8183	17.61	5.69	34.12	16.88	23.02	17.61	40.94	12.7
41	gi|178906|gb|AAA51886.1|	766	780	8184	17.12	5.69	32.93	17.12	28.45	13.62	32.87	11.6
41	gi|178906|gb|AAA51886.1|	767	781	8185	3.63	5.69	1.18	3.75	3.63	1.68	34.09	0.53
41	gi|178906|gb|AAA51886.1|	768	782	8186	3.54	5.69	1.2	3.75	3.54	0.6	36.39	0.53
41	gi|178906|gb|AAA51886.1|	769	783	8187	3.55	5.69	1.22	3.75	3.55	0.44	24.33	0.53
41	gi|178906|gb|AAA51886.1|	770	784	8188	3.51	7.21	1.22	3.75	3.51	0.52	23.12	0.54
41	gi|178906|gb|AAA51886.1|	771	785	8189	3.75	7.21	1.1	3.75	5.71	0.82	23.12	0.57
41	gi|178906|gb|AAA51886.1|	772	786	8190	3.75	8.67	3.17	3.75	9.23	1.69	22.25	2.05
41	gi|178906|gb|AAA51886.1|	773	787	8191	7.2	7.21	3.12	3.75	14.77	7.2	20.34	2.07
41	gi|178906|gb|AAA51886.1|	774	788	8192	11.44	11.44	24.32	6.22	28.37	11.16	20.53	5.73
41	gi|178906|gb|AAA51886.1|	775	789	8193	7.22	7.22	30.06	6.44	28.37	5.22	16.29	4.84
41	gi|178906|gb|AAA51886.1|	776	790	8194	9.57	7.21	12.09	13.96	28.37	2.79	9.57	4.82
41	gi|178906|gb|AAA51886.1|	777	791	8195	7.21	7.21	13.66	14.35	28.37	2.6	6.86	4.81
41	gi|178906|gb|AAA51886.1|	778	792	8196	8.87	8.87	15.37	28.59	16.26	3.68	4.84	4.67
41	gi|178906|gb|AAA51886.1|	779	793	8197	10.86	10.86	17.96	31.76	20.32	5.41	4.41	8.88
41	gi|178906|gb|AAA51886.1|	780	794	8198	16.26	17.27	20.58	27.66	16.26	12.57	3.08	10.95
41	gi|178906|gb|AAA51886.1|	781	795	8199	19.91	19.53	25.32	28.37	16.26	29.47	2.06	19.91
41	gi|178906|gb|AAA51886.1|	784	798	8200	16.8	15.45	26.97	25.57	16.26	36.89	5.82	16.8
41	gi|178906|gb|AAA51886.1|	785	799	8201	19.82	15.75	19.82	31.45	47.87	35.84	12.53	17.01
41	gi|178906|gb|AAA51886.1|	786	800	8202	19.88	15.56	19.88	35.19	48.26	40.06	13.64	19.77

Table 2

41	gi|178906|gb|AAA51886.1|	790	804	8203	13.97	13.97	7.79	40.23	43.42	38.04	10.31	6.82
41	gi|178906|gb|AAA51886.1|	791	805	8204	7.76	7.76	1.48	26.96	17.69	22.64	7.2	5.68
41	gi|178906|gb|AAA51886.1|	792	806	8205	9.59	6.75	1.76	27.46	16.07	22.08	9.59	5.8
41	gi|178906|gb|AAA51886.1|	793	807	8206	10.16	4.53	1.8	26.6	14.64	20.56	10.16	7.6
41	gi|178906|gb|AAA51886.1|	794	808	8207	10.51	4.62	2.46	26.45	15.91	22.72	10.51	7.54
41	gi|178906|gb|AAA51886.1|	795	809	8208	15.13	7.76	3.63	30.47	24.02	31.07	9.11	15.13
41	gi|178906|gb|AAA51886.1|	798	812	8209	18.81	18.81	10.95	3.33	22.83	40.02	29.55	0.3
41	gi|178906|gb|AAA51886.1|	799	813	8210	13.42	8.84	13.42	2.37	22.83	34.05	25.17	0.3
41	gi|178906|gb|AAA51886.1|	801	815	8211	4.77	4.77	21.62	1.4	22.83	32.21	4.27	0.3
41	gi|178906|gb|AAA51886.1|	802	816	8212	4.77	4.77	8.5	1.4	22.83	35.15	4.27	0.3
41	gi|178906|gb|AAA51886.1|	803	817	8213	4.77	4.77	8.5	2.23	22.83	44.9	4.27	0.3
41	gi|178906|gb|AAA51886.1|	804	818	8214	4.77	4.77	8.5	0.45	22.83	63.52	4.27	0.3
41	gi|178906|gb|AAA51886.1|	805	819	8215	8.5	4.78	8.5	0.67	35.64	77.03	4.27	14.7
41	gi|178906|gb|AAA51886.1|	806	820	8216	8.5	6.9	8.5	0.75	35.64	73.56	4.27	16.2
41	gi|178906|gb|AAA51886.1|	807	821	8217	8.04	6.48	8.5	0.67	33.79	42.11	4.27	8.04
41	gi|178906|gb|AAA51886.1|	808	822	8218	8.13	6.35	8.5	0.72	35.64	27.81	7.48	8.13
41	gi|178906|gb|AAA51886.1|	809	823	8219	9.86	8.17	18.91	2.92	35.64	24.96	9.86	4.98
41	gi|178906|gb|AAA51886.1|	810	824	8220	12.77	12.77	18.91	3.02	35.64	22.48	11.39	4.95
41	gi|178906|gb|AAA51886.1|	811	825	8221	18.78	14.48	32.67	18.78	53.67	23.73	10.84	5.08
41	gi|178906|gb|AAA51886.1|	812	826	8222	16.34	16.34	26.46	11.94	62.2	26.92	10.75	5.24
41	gi|178906|gb|AAA51886.1|	813	827	8223	18.71	18.71	32.1	11.8	55.95	32.53	13.15	5.31
41	gi|178906|gb|AAA51886.1|	814	828	8224	15.07	19.34	41.17	15.07	14.84	44.02	4.57	9.12
41	gi|178906|gb|AAA51886.1|	815	829	8225	15.14	27.7	47.58	15.14	14.84	50.21	4.36	9.14
41	gi|178906|gb|AAA51886.1|	821	835	8226	14.34	1.54	7.09	14.34	12.9	19.35	19.73	19.08
41	gi|178906|gb|AAA51886.1|	822	836	8227	13.28	1.15	7.88	13.28	12.81	13.67	16.46	21.53
41	gi|178906|gb|AAA51886.1|	823	837	8228	14.59	1.02	9.9	14.91	15.1	14.44	14.59	19.18
41	gi|178906|gb|AAA51886.1|	824	838	8229	8.74	1.57	8.74	10.06	10.45	7.72	9.97	7.68
41	gi|178906|gb|AAA51886.1|	825	839	8230	10.14	1.57	10.93	10.21	10.14	8.02	16.32	7.83
41	gi|178906|gb|AAA51886.1|	826	840	8231	8.65	1.57	13.74	17.3	10.39	8.65	8.23	1.69
41	gi|178906|gb|AAA51886.1|	827	841	8232	9.53	2.01	16.13	17.24	9.53	9.95	7.04	1.69
41	gi|178906|gb|AAA51886.1|	828	842	8233	7.08	1.57	14.44	19.52	7.42	7.08	6.69	1.69
41	gi|178906|gb|AAA51886.1|	829	843	8234	5.9	1.97	16.29	15.95	8.2	4.45	5.9	1.69
41	gi|178906|gb|AAA51886.1|	830	844	8235	5.58	1.95	19.08	16.19	5.47	5.7	5.58	1.69
41	gi|178906|gb|AAA51886.1|	831	845	8236	8.25	10.25	24.3	21.45	5.47	6.13	8.25	1.69
41	gi|178906|gb|AAA51886.1|	832	846	8237	10.25	10.25	27.74	18.78	5.47	6.11	12.63	1.69
41	gi|178906|gb|AAA51886.1|	833	847	8238	10.92	10.92	32.69	21.72	5.47	6.98	17.64	3.44
41	gi|178906|gb|AAA51886.1|	834	848	8239	11.01	10.92	38.09	22.33	5.47	11.01	20.13	3.44
41	gi|178906|gb|AAA51886.1|	836	850	8240	16.87	13.72	39.83	16.87	10.82	33.59	35.3	3.44
41	gi|178906|gb|AAA51886.1|	837	851	8241	18.29	13.72	48.32	15.74	75.22	44.15	18.29	3.44
41	gi|178906|gb|AAA51886.1|	850	864	8242	18.75	14.41	20.48	18.75	53.59	20.2	16.95	15.55
41	gi|178906|gb|AAA51886.1|	851	865	8243	11.1	9.81	13.89	14.29	46.8	11.1	8.46	3.78
41	gi|178906|gb|AAA51886.1|	852	866	8244	9.37	9.37	13.66	14.42	46.19	7.34	6.81	4.46
41	gi|178906|gb|AAA51886.1|	853	867	8245	9.15	9.15	16.13	17.39	50.56	6.42	5.73	4.34
41	gi|178906|gb|AAA51886.1|	854	868	8246	11.5	11.5	18.98	26.75	54.34	8.25	7.67	4.76
41	gi|178906|gb|AAA51886.1|	855	869	8247	9.11	8.34	15.08	34.63	0.02	10.85	9.11	9.04
41	gi|178906|gb|AAA51886.1|	856	870	8248	11.89	8.34	17.01	38.41	0.02	17.35	9.81	11.89
41	gi|178906|gb|AAA51886.1|	857	871	8249	7.14	5.39	20.55	30.83	0.02	12.86	7.14	1.87
41	gi|178906|gb|AAA51886.1|	858	872	8250	9.12	3.67	28.33	34.6	0.02	11.63	9.12	1.87

Table 2

41	gi|178906|gb|AAA51886.1|	859	873	8251	7.15	3.33	27.53	34.31	0.02	8.88	7.15	1.87
41	gi|178906|gb|AAA51886.1|	860	874	8252	4.3	4.26	31.91	34.14	0.21	9.83	4.3	1.87
41	gi|178906|gb|AAA51886.1|	861	875	8253	5.24	5.24	33.15	37.29	0.22	13.53	4.29	1.87
41	gi|178906|gb|AAA51886.1|	870	884	8254	15.33	1.14	17.05	26.95	4.04	16.4	2.53	15.33
41	gi|178906|gb|AAA51886.1|	871	885	8255	10.19	1.14	22.34	29.93	4.32	10.19	3.24	16.19
41	gi|178906|gb|AAA51886.1|	872	886	8256	7.23	1.14	23.65	15.24	4.37	7.23	3.52	14.67
41	gi|178906|gb|AAA51886.1|	873	887	8257	4.47	1.14	9.17	4.42	4.47	4.73	3.14	14.67
41	gi|178906|gb|AAA51886.1|	874	888	8258	7.4	1.14	10.95	4.42	7.4	4.5	13.07	14.15
41	gi|178906|gb|AAA51886.1|	875	889	8259	5.02	1.79	0.45	4.42	12.18	5.02	13.44	12.33
41	gi|178906|gb|AAA51886.1|	876	890	8260	8.92	1.77	0.73	4.42	20.5	8.92	13.44	14.67
41	gi|178906|gb|AAA51886.1|	877	891	8261	12.76	2.18	0.9	4.42	14.05	13.46	12.76	15.27
41	gi|178906|gb|AAA51886.1|	878	892	8262	10.78	2.31	1.57	4.42	14.05	20.92	10.78	15.27
41	gi|178906|gb|AAA51886.1|	879	893	8263	13.44	2.53	2.6	4.42	14.05	35.18	13.44	15.47
41	gi|178906|gb|AAA51886.1|	880	894	8264	14.05	6.25	3.88	26.35	14.05	46.25	13.44	27.8
41	gi|178906|gb|AAA51886.1|	881	895	8265	18.77	1.01	6.33	32.02	1.53	46.49	18.77	28
41	gi|178906|gb|AAA51886.1|	885	899	8266	16.12	0.73	43	34.53	2.31	38.21	16.12	9.97
41	gi|178906|gb|AAA51886.1|	886	900	8267	14.77	1.01	60.94	37.54	4.05	45.12	14.77	9.97
41	gi|178906|gb|AAA51886.1|	887	901	8268	13.64	1.01	56.53	40.24	7.02	60.15	13.64	12.23
41	gi|178906|gb|AAA51886.1|	888	902	8269	16.57	15.72	63.11	39.68	13.27	60.93	16.57	12.23
41	gi|178906|gb|AAA51886.1|	889	903	8270	15.72	15.72	17.03	17.55	13.27	50.57	8.77	12.23
41	gi|178906|gb|AAA51886.1|	890	904	8271	15.72	15.72	22.35	18.81	13.27	51.13	5.01	13.28
41	gi|178906|gb|AAA51886.1|	891	905	8272	15.72	15.72	27.66	17.76	13.27	46.04	4.32	12.23
41	gi|178906|gb|AAA51886.1|	892	906	8273	8.91	2.87	2.22	8.91	17.82	24.79	1.14	9.44
41	gi|178906|gb|AAA51886.1|	893	907	8274	6.54	2.19	2.01	6.54	17.82	10.19	0.66	8.42
41	gi|178906|gb|AAA51886.1|	894	908	8275	6.54	2.19	2.84	6.54	17.82	7.44	0.66	8.42
41	gi|178906|gb|AAA51886.1|	895	909	8276	6.46	2.33	5.15	6.46	17.82	7.9	0.68	8.42
41	gi|178906|gb|AAA51886.1|	896	910	8277	7.62	2.89	7.62	6.82	17.82	9.08	0.81	8.42
41	gi|178906|gb|AAA51886.1|	897	911	8278	8.42	4.34	10.44	5.15	17.82	13.1	1.75	8.42
41	gi|178906|gb|AAA51886.1|	898	912	8279	9.87	9.87	14.66	5.15	17.82	24.65	2.95	8.42
41	gi|178906|gb|AAA51886.1|	899	913	8280	9.05	8.96	37.73	5.15	66.22	49.86	9.05	8.42
41	gi|178906|gb|AAA51886.1|	900	914	8281	15.27	4.01	7.79	5.15	34.36	31.44	30.14	15.27
41	gi|178906|gb|AAA51886.1|	901	915	8282	15.27	4.01	7.71	5.15	34.36	16.37	30.27	15.27
41	gi|178906|gb|AAA51886.1|	902	916	8283	12.18	4.01	5.41	12.18	34.36	10.47	32.18	15.27
41	gi|178906|gb|AAA51886.1|	903	917	8284	12.18	4.01	7.02	12.18	34.36	9.79	28.9	15.27
41	gi|178906|gb|AAA51886.1|	904	918	8285	16.35	4.01	9.9	16.35	34.36	12.81	19.37	17.8
41	gi|178906|gb|AAA51886.1|	905	919	8286	18.33	8.33	12.94	22.71	34.36	18.33	21.21	14.28
42	gi|55750053|ref|NP_001007027.1|	371	385	8287	18.85	15.17	3.75	40.26	64.01	18.85	83.87	11.11
42	gi|55750053|ref|NP_001007027.1|	445	459	8288	19.47	19.47	34.66	18.55	48.52	19.08	46.08	3.19
42	gi|55750053|ref|NP_001007027.1|	446	460	8289	18.55	15.45	34.66	18.55	47.5	12.68	46.08	3.19
42	gi|55750053|ref|NP_001007027.1|	447	461	8290	18.55	16.23	34.66	18.55	45.24	13.68	46.08	5.12
42	gi|55750053|ref|NP_001007027.1|	448	462	8291	19.99	15.39	33.47	19.99	39.66	12.73	46.08	4.92
42	gi|55750053|ref|NP_001007027.1|	524	538	8292	14.36	10.95	14.36	25.54	37.91	14.34	53.55	5.42
42	gi|55750053|ref|NP_001007027.1|	525	539	8293	10.29	10.29	10.28	24.42	37.18	3.04	53.55	5.42
42	gi|55750053|ref|NP_001007027.1|	526	540	8294	9.3	5.24	9.3	23.37	38.83	1.48	72.81	5.42
42	gi|55750053|ref|NP_001007027.1|	527	541	8295	9.86	5.24	9.86	23.8	41.6	1.76	68.24	5.42
42	gi|55750053|ref|NP_001007027.1|	528	542	8296	10.23	5.24	10.23	25.97	46.66	2.28	68.98	5.42
42	gi|55750053|ref|NP_001007027.1|	529	543	8297	12.57	5.24	12.57	35.88	48.85	5.46	77.09	5.42
42	gi|55750053|ref|NP_001007027.1|	530	544	8298	18.51	5.24	14.31	18.51	47.27	24.47	69.64	5.42

Table 2

42	gi|55750053|ref|NP_001007027.1|	612	626	8299	13.19	20.87	3.51	12.95	32.66	42.99	13.19	12.86
42	gi|55750053|ref|NP_001007027.1|	613	627	8300	13.19	20.87	3.51	12.95	32.66	29.25	13.19	12.86
42	gi|55750053|ref|NP_001007027.1|	614	628	8301	13.27	20.87	3.51	12.95	55.38	20.66	13.27	12.86
42	gi|55750053|ref|NP_001007027.1|	615	629	8302	13.27	14.96	3.51	12.95	55.38	17.14	13.27	1.86
42	gi|55750053|ref|NP_001007027.1|	616	630	8303	13.27	14.96	3.51	12.95	55.38	17.01	13.27	1.18
42	gi|55750053|ref|NP_001007027.1|	617	631	8304	17.43	14.96	7.56	17.43	72.19	20.61	50.65	0.69
42	gi|55750053|ref|NP_001007027.1|	618	632	8305	18	14.96	8.1	18	74.9	32.27	55.13	0.45
42	gi|55750053|ref|NP_001007027.1|	644	658	8306	16.92	16.78	44.43	56.21	9.25	16.92	63.69	4.01
42	gi|55750053|ref|NP_001007027.1|	645	659	8307	17.66	17.66	49.69	60.3	9.2	17.28	64.38	4.01
42	gi|55750053|ref|NP_001007027.1|	646	660	8308	18.73	18.73	58.3	60.98	10.17	18.56	67.81	4.01
42	gi|55750053|ref|NP_001007027.1|	662	676	8309	19.84	12.74	62.43	66.31	8.33	19.84	84.42	7.33
42	gi|55750053|ref|NP_001007027.1|	720	734	8310	18.81	18.81	74.84	58.68	17.22	67.6	18.58	18.44
42	gi|55750053|ref|NP_001007027.1|	721	735	8311	18.81	18.81	76.43	58.88	15.04	63.28	18.58	18.44
42	gi|55750053|ref|NP_001007027.1|	779	793	8312	11.49	11.49	12.99	5.8	29.54	8.92	27.33	0.78
42	gi|55750053|ref|NP_001007027.1|	780	794	8313	11.16	11.16	16.55	5.66	30.45	6.11	26.83	0.78
42	gi|55750053|ref|NP_001007027.1|	781	795	8314	10.4	10.4	21.72	5.68	32.47	4.52	25.33	0.78
42	gi|55750053|ref|NP_001007027.1|	782	796	8315	10.06	10.06	25.78	5.63	42.81	3.66	28.77	0.78
42	gi|55750053|ref|NP_001007027.1|	783	797	8316	14.6	13.04	34.7	14.6	56.38	7	61.51	0.78
42	gi|55750053|ref|NP_001007027.1|	872	886	8317	16.24	0.63	75.31	42.13	13.7	16.24	82.62	10.53
42	gi|55750053|ref|NP_001007027.1|	873	887	8318	16.83	0.32	77.51	59.79	15.85	16.83	82.62	10.53
42	gi|55750053|ref|NP_001007027.1|	910	924	8319	15.92	5.24	36.41	7.01	32.97	15.92	48.17	12.86
42	gi|55750053|ref|NP_001007027.1|	911	925	8320	12.86	5.24	34.9	7.65	33.01	6.35	40.33	12.86
42	gi|55750053|ref|NP_001007027.1|	912	926	8321	9.44	5.24	38.87	7.63	33.29	4.36	33.92	9.44
42	gi|55750053|ref|NP_001007027.1|	913	927	8322	9.44	5.24	39.31	7.96	33.17	4.93	31.75	9.44
42	gi|55750053|ref|NP_001007027.1|	914	928	8323	14.39	5.24	39.31	14.39	37.49	6.04	32.26	9.44
42	gi|55750053|ref|NP_001007027.1|	915	929	8324	16.5	5.24	39.31	15.23	42.9	10.29	42.07	16.5
42	gi|55750053|ref|NP_001007027.1|	918	932	8325	15.67	3.31	38.78	22.83	0.02	15.67	57.19	3.19
42	gi|55750053|ref|NP_001007027.1|	919	933	8326	8.03	2.68	38.78	23.74	0.02	8.03	54.48	3.19
42	gi|55750053|ref|NP_001007027.1|	920	934	8327	8.4	1.55	38.78	38.74	0.02	8.4	51.89	3.19
42	gi|55750053|ref|NP_001007027.1|	921	935	8328	10.77	2.35	38.78	40.95	0.02	10.77	83.87	3.19
42	gi|55750053|ref|NP_001007027.1|	922	936	8329	15.08	3.31	38.78	64.75	0.02	15.08	83.87	3.19
42	gi|55750053|ref|NP_001007027.1|	973	987	8330	19.99	15.93	75.19	19.99	63.5	49.01	16.17	14.15
42	gi|55750053|ref|NP_001007027.1|	974	988	8331	19.99	16.81	77.85	19.99	63.06	47.17	16.17	14.7
42	gi|55750053|ref|NP_001007027.1|	975	989	8332	19.99	16.35	78.34	19.99	70.86	43.11	16.17	14.58
42	gi|55750053|ref|NP_001007027.1|	997	1011	8333	17.73	17.73	6.21	13.3	29.51	22.41	22.59	11.11
42	gi|55750053|ref|NP_001007027.1|	998	1012	8334	13.62	13.62	6.21	12.87	29.51	14.71	35.01	11.11
42	gi|55750053|ref|NP_001007027.1|	999	1013	8335	13.33	13.62	6.21	13.33	29.51	11.09	40.3	11.11
42	gi|55750053|ref|NP_001007027.1|	1000	1014	8336	13.55	13.62	6.21	13.55	29.51	10.51	40.3	11.11
42	gi|55750053|ref|NP_001007027.1|	1001	1015	8337	13.62	13.62	6.21	16.21	29.51	9.78	40.3	10.55
42	gi|55750053|ref|NP_001007027.1|	1002	1016	8338	13.62	13.62	6.64	21.55	29.51	10.53	40.3	11.11
42	gi|55750053|ref|NP_001007027.1|	1033	1047	8339	10.79	3.49	22	7.57	10.79	33.09	1.62	27.6
42	gi|55750053|ref|NP_001007027.1|	1034	1048	8340	18.63	3.9	26.2	7.16	18.63	42.91	1.21	32.82
42	gi|55750053|ref|NP_001007027.1|	1036	1050	8341	18.42	23.24	23.38	7.12	53.42	18.42	0.43	15.7
42	gi|55750053|ref|NP_001007027.1|	1037	1051	8342	15.61	18.17	27.12	6.93	16.79	9.85	0.43	15.61
42	gi|55750053|ref|NP_001007027.1|	1038	1052	8343	12.06	17.97	16.81	10.21	16.79	6.59	1.09	12.06
42	gi|55750053|ref|NP_001007027.1|	1039	1053	8344	11.08	17.64	12.69	10.73	16.79	5.4	1.73	11.08
42	gi|55750053|ref|NP_001007027.1|	1040	1054	8345	15.22	18.3	15.22	16.83	16.79	5.76	2.77	11.54
42	gi|55750053|ref|NP_001007027.1|	1041	1055	8346	16.69	24.96	17.04	16.69	16.79	7.44	7.97	15.32

Table 2

42	gi|55750053|ref|NP_001007027.1|	1042	1056	8347	17.43	33.49	22.01	21.93	16.79	17.43	8.29	15.74
42	gi|55750053|ref|NP_001007027.1|	1051	1065	8348	18.74	18.74	9.08	16.69	54.52	33.23	22	17.39
42	gi|55750053|ref|NP_001007027.1|	1052	1066	8349	19.08	18.64	12.24	16.57	51.97	27.35	19.08	21.18
42	gi|55750053|ref|NP_001007027.1|	1053	1067	8350	18.6	18.6	15.67	18.32	49.58	31.11	11.94	21.62
42	gi|55750053|ref|NP_001007027.1|	1057	1071	8351	15.13	15.13	44.34	12.13	15.64	25.04	3.08	11.66
42	gi|55750053|ref|NP_001007027.1|	1058	1072	8352	12.95	13.46	52.06	12.55	14.16	12.95	3.19	11.66
42	gi|55750053|ref|NP_001007027.1|	1059	1073	8353	12.6	13.36	54.72	12.6	14.16	9.3	3.05	11.66
42	gi|55750053|ref|NP_001007027.1|	1060	1074	8354	13.71	25.25	32.54	13.71	14.16	7.97	4.01	11.66
42	gi|55750053|ref|NP_001007027.1|	1061	1075	8355	14.16	25.31	31.51	13.3	14.16	10.77	15.78	11.66
42	gi|55750053|ref|NP_001007027.1|	1062	1076	8356	19.66	29.61	3.75	23	14.16	19.66	24.31	11.66
42	gi|55750053|ref|NP_001007027.1|	1063	1077	8357	16.34	16.34	3.75	19.73	14.16	30.6	29.34	9.97
42	gi|55750053|ref|NP_001007027.1|	1064	1078	8358	17.9	17.9	3.75	26.17	14.16	34.29	29.34	9.97
42	gi|55750053|ref|NP_001007027.1|	1066	1080	8359	17.9	17.9	3.75	24.58	32.3	16.65	29.34	9.97
42	gi|55750053|ref|NP_001007027.1|	1112	1126	8360	16.24	21.03	29.1	3.81	21.76	16.24	8.51	2.9
42	gi|55750053|ref|NP_001007027.1|	1113	1127	8361	16.09	16.09	31.89	4.06	21.76	17.76	12.08	3.51
42	gi|55750053|ref|NP_001007027.1|	1118	1132	8362	19.11	12.86	20.48	24.38	19.11	9.69	70.17	4.01
42	gi|55750053|ref|NP_001007027.1|	1119	1133	8363	18.09	12.86	20.48	25.89	18.09	11.37	75.36	4.01
42	gi|55750053|ref|NP_001007027.1|	1120	1134	8364	16.72	11.59	20.48	17.93	16.72	10.2	45.81	4.01
42	gi|55750053|ref|NP_001007027.1|	1121	1135	8365	17.93	11.59	20.48	17.93	26.54	12.78	39.63	4.01
42	gi|55750053|ref|NP_001007027.1|	1135	1149	8366	18.42	21.75	37.64	13.73	60.61	18.42	0.57	8.13
42	gi|55750053|ref|NP_001007027.1|	1136	1150	8367	12.37	17.68	11.72	17.58	60.61	12.37	0.39	6.25
42	gi|55750053|ref|NP_001007027.1|	1137	1151	8368	14	17.15	14	15.78	60.61	11.04	0.41	5.47
42	gi|55750053|ref|NP_001007027.1|	1138	1152	8369	12.86	12.86	16.58	17.53	60.61	9.7	0.66	5.3
42	gi|55750053|ref|NP_001007027.1|	1139	1153	8370	14.11	14.11	16.15	25.06	60.61	9.34	0.99	7.18
42	gi|55750053|ref|NP_001007027.1|	1140	1154	8371	13.49	13.49	17.06	25.8	60.61	12.47	1.18	7.2
42	gi|55750053|ref|NP_001007027.1|	1154	1168	8372	18.62	18.62	15.67	38.49	23.92	34.6	16.14	15.02
42	gi|55750053|ref|NP_001007027.1|	1155	1169	8373	17.51	9.36	4.35	20.83	23.92	17.51	25.11	11.11
42	gi|55750053|ref|NP_001007027.1|	1156	1170	8374	11.11	8.95	4.09	21.17	23.92	7.51	25.11	11.11
42	gi|55750053|ref|NP_001007027.1|	1157	1171	8375	11.11	9.44	4.34	21.5	23.92	7.92	25.11	11.11
42	gi|55750053|ref|NP_001007027.1|	1158	1172	8376	11.11	9.26	2.53	11.76	23.92	7.44	18.72	11.11
42	gi|55750053|ref|NP_001007027.1|	1159	1173	8377	12.67	16.85	3.39	12.67	23.92	11.02	25.11	11.11
42	gi|55750053|ref|NP_001007027.1|	1160	1174	8378	16.48	6.51	4.54	16.48	57.77	21.96	25.11	12.41
42	gi|55750053|ref|NP_001007027.1|	1161	1175	8379	16.61	7.09	6.56	16.61	75.22	42.65	26.41	14.79
43	gi|55750041|ref|NP_001931.2|	371	385	8380	18.85	15.17	3.75	40.26	64.01	18.85	83.87	11.11
43	gi|55750041|ref|NP_001931.2|	445	459	8381	19.47	19.47	34.66	18.55	48.52	19.08	46.08	3.19
43	gi|55750041|ref|NP_001931.2|	446	460	8382	18.55	15.45	34.66	18.55	47.5	12.68	46.08	3.19
43	gi|55750041|ref|NP_001931.2|	447	461	8383	18.55	16.23	34.66	18.55	45.24	13.68	46.08	5.12
43	gi|55750041|ref|NP_001931.2|	448	462	8384	19.99	15.39	33.47	19.99	39.66	12.73	46.08	4.92
43	gi|55750041|ref|NP_001931.2|	524	538	8385	14.36	10.95	14.36	25.54	37.91	14.34	53.55	5.42
43	gi|55750041|ref|NP_001931.2|	525	539	8386	10.29	10.29	10.28	24.42	37.18	3.04	53.55	5.42
43	gi|55750041|ref|NP_001931.2|	526	540	8387	9.3	5.24	9.3	23.37	38.83	1.48	72.81	5.42
43	gi|55750041|ref|NP_001931.2|	527	541	8388	9.86	5.24	9.86	23.8	41.6	1.76	68.24	5.42
43	gi|55750041|ref|NP_001931.2|	528	542	8389	10.23	5.24	10.23	25.97	46.66	2.28	68.98	5.42
43	gi|55750041|ref|NP_001931.2|	529	543	8390	12.57	5.24	12.57	35.88	48.85	5.46	77.09	5.42
43	gi|55750041|ref|NP_001931.2|	530	544	8391	18.51	5.24	14.31	18.51	47.27	24.47	69.64	5.42
43	gi|55750041|ref|NP_001931.2|	612	626	8392	13.19	20.87	3.51	12.95	32.66	42.99	13.19	12.86
43	gi|55750041|ref|NP_001931.2|	613	627	8393	13.19	20.87	3.51	12.95	32.66	29.25	13.19	12.86
43	gi|55750041|ref|NP_001931.2|	614	628	8394	13.27	20.87	3.51	12.95	55.38	20.66	13.27	12.86

Table 2

43	gi|55750041|ref|NP_001931.2|	615	629	8395	13.27	14.96	3.51	12.95	55.38	17.14	13.27	1.86
43	gi|55750041|ref|NP_001931.2|	616	630	8396	13.27	14.96	3.51	12.95	55.38	17.01	13.27	1.18
43	gi|55750041|ref|NP_001931.2|	617	631	8397	17.43	14.96	7.56	17.43	72.19	20.61	50.65	0.69
43	gi|55750041|ref|NP_001931.2|	618	632	8398	18	14.96	8.1	18	74.9	32.27	55.13	0.45
43	gi|55750041|ref|NP_001931.2|	644	658	8399	16.92	16.78	44.43	56.21	9.25	16.92	63.69	4.01
43	gi|55750041|ref|NP_001931.2|	645	659	8400	17.66	17.66	49.69	60.3	9.2	17.28	64.38	4.01
43	gi|55750041|ref|NP_001931.2|	646	660	8401	18.73	18.73	58.3	60.98	10.17	18.56	67.81	4.01
43	gi|55750041|ref|NP_001931.2|	662	676	8402	19.84	12.74	62.43	66.31	8.33	19.84	84.42	7.33
43	gi|55750041|ref|NP_001931.2|	720	734	8403	18.81	18.81	74.84	58.68	17.22	67.6	18.58	18.44
43	gi|55750041|ref|NP_001931.2|	721	735	8404	18.81	18.81	76.43	58.88	15.04	63.28	18.58	18.44
43	gi|55750041|ref|NP_001931.2|	779	793	8405	11.49	11.49	12.99	5.8	29.54	8.92	27.33	0.78
43	gi|55750041|ref|NP_001931.2|	780	794	8406	11.16	11.16	16.55	5.66	30.45	6.11	26.83	0.78
43	gi|55750041|ref|NP_001931.2|	781	795	8407	10.4	10.4	21.72	5.68	32.47	4.52	25.33	0.78
43	gi|55750041|ref|NP_001931.2|	782	796	8408	10.06	10.06	25.78	5.63	42.81	3.66	28.77	0.78
43	gi|55750041|ref|NP_001931.2|	783	797	8409	14.6	13.04	34.7	14.6	56.38	7	61.51	0.78
43	gi|55750041|ref|NP_001931.2|	872	886	8410	16.24	0.63	75.31	42.13	13.7	16.24	82.62	10.53
43	gi|55750041|ref|NP_001931.2|	873	887	8411	16.83	0.32	77.51	59.79	15.85	16.83	82.62	10.53
43	gi|55750041|ref|NP_001931.2|	910	924	8412	15.92	5.24	36.41	7.01	32.97	15.92	48.17	12.86
43	gi|55750041|ref|NP_001931.2|	911	925	8413	12.86	5.24	34.9	7.65	33.01	6.35	40.33	12.86
43	gi|55750041|ref|NP_001931.2|	912	926	8414	9.44	5.24	38.87	7.63	33.29	4.36	33.92	9.44
43	gi|55750041|ref|NP_001931.2|	913	927	8415	9.44	5.24	39.31	7.96	33.17	4.93	31.75	9.44
43	gi|55750041|ref|NP_001931.2|	914	928	8416	14.39	5.24	39.31	14.39	37.49	6.04	32.26	9.44
43	gi|55750041|ref|NP_001931.2|	915	929	8417	16.5	5.24	39.31	15.23	42.9	10.29	42.07	16.5
43	gi|55750041|ref|NP_001931.2|	918	932	8418	15.67	3.31	38.78	22.83	0.02	15.67	57.19	3.19
43	gi|55750041|ref|NP_001931.2|	919	933	8419	8.03	2.68	38.78	23.74	0.02	8.03	54.48	3.19
43	gi|55750041|ref|NP_001931.2|	920	934	8420	8.4	1.55	38.78	38.74	0.02	8.4	51.89	3.19
43	gi|55750041|ref|NP_001931.2|	921	935	8421	10.77	2.35	38.78	40.95	0.02	10.77	83.87	3.19
43	gi|55750041|ref|NP_001931.2|	922	936	8422	15.08	3.31	38.78	64.75	0.02	15.08	83.87	3.19
43	gi|55750041|ref|NP_001931.2|	973	987	8423	19.99	15.93	75.19	19.99	63.5	49.01	16.17	14.15
43	gi|55750041|ref|NP_001931.2|	974	988	8424	19.99	16.81	77.85	19.99	63.06	47.17	16.17	14.7
43	gi|55750041|ref|NP_001931.2|	975	989	8425	19.99	16.35	78.34	19.99	70.86	43.11	16.17	14.58
43	gi|55750041|ref|NP_001931.2|	997	1011	8426	17.73	17.73	6.21	13.3	29.51	22.41	22.59	11.11
43	gi|55750041|ref|NP_001931.2|	998	1012	8427	13.62	13.62	6.21	12.87	29.51	14.71	35.01	11.11
43	gi|55750041|ref|NP_001931.2|	999	1013	8428	13.33	13.62	6.21	13.33	29.51	11.09	40.3	11.11
43	gi|55750041|ref|NP_001931.2|	1000	1014	8429	13.55	13.62	6.21	13.55	29.51	10.51	40.3	11.11
43	gi|55750041|ref|NP_001931.2|	1001	1015	8430	13.62	13.62	6.21	16.21	29.51	9.78	40.3	10.55
43	gi|55750041|ref|NP_001931.2|	1002	1016	8431	13.62	13.62	6.64	21.55	29.51	10.53	40.3	11.11
43	gi|55750041|ref|NP_001931.2|	1033	1047	8432	10.79	3.49	22	7.57	10.79	33.09	1.62	27.6
43	gi|55750041|ref|NP_001931.2|	1034	1048	8433	18.63	3.9	26.2	7.16	18.63	42.91	1.21	32.82
43	gi|55750041|ref|NP_001931.2|	1036	1050	8434	18.42	23.24	23.38	7.12	53.42	18.42	0.43	15.7
43	gi|55750041|ref|NP_001931.2|	1037	1051	8435	15.61	18.17	27.12	6.93	16.79	9.85	0.43	15.61
43	gi|55750041|ref|NP_001931.2|	1038	1052	8436	12.06	17.97	16.81	10.21	16.79	6.59	1.09	12.06
43	gi|55750041|ref|NP_001931.2|	1039	1053	8437	11.08	17.64	12.69	10.73	16.79	5.4	1.73	11.08
43	gi|55750041|ref|NP_001931.2|	1040	1054	8438	15.22	18.3	15.22	16.83	16.79	5.76	2.77	11.54
43	gi|55750041|ref|NP_001931.2|	1041	1055	8439	16.69	24.96	17.04	16.69	16.79	7.44	7.97	15.32
43	gi|55750041|ref|NP_001931.2|	1042	1056	8440	17.43	33.49	22.01	21.93	16.79	17.43	8.29	15.74
43	gi|55750041|ref|NP_001931.2|	1051	1065	8441	18.74	18.74	9.08	16.69	54.52	33.23	22	17.39
43	gi|55750041|ref|NP_001931.2|	1052	1066	8442	19.08	18.64	12.24	16.57	51.97	27.35	19.08	21.18

Table 2

43	gi|55750041|ref|NP_001931.2|	1053	1067	8443	18.6	18.6	15.67	18.32	49.58	31.11	11.94	21.62
43	gi|55750041|ref|NP_001931.2|	1057	1071	8444	15.13	15.13	44.34	12.13	15.64	25.04	3.08	11.66
43	gi|55750041|ref|NP_001931.2|	1058	1072	8445	12.95	13.46	52.06	12.55	14.16	12.95	3.19	11.66
43	gi|55750041|ref|NP_001931.2|	1059	1073	8446	12.6	13.36	54.72	12.6	14.16	9.3	3.05	11.66
43	gi|55750041|ref|NP_001931.2|	1060	1074	8447	13.71	25.25	32.54	13.71	14.16	7.97	4.01	11.66
43	gi|55750041|ref|NP_001931.2|	1061	1075	8448	14.16	25.31	31.51	13.3	14.16	10.77	15.78	11.66
43	gi|55750041|ref|NP_001931.2|	1062	1076	8449	19.66	29.61	3.75	23	14.16	19.66	24.31	11.66
43	gi|55750041|ref|NP_001931.2|	1063	1077	8450	16.34	16.34	3.75	19.73	14.16	30.6	29.34	9.97
43	gi|55750041|ref|NP_001931.2|	1064	1078	8451	17.9	17.9	3.75	26.17	14.16	34.29	29.34	9.97
43	gi|55750041|ref|NP_001931.2|	1066	1080	8452	17.9	17.9	3.75	24.58	32.3	16.65	29.34	9.97
43	gi|55750041|ref|NP_001931.2|	1112	1126	8453	16.24	21.03	29.1	3.81	21.76	16.24	8.51	2.9
43	gi|55750041|ref|NP_001931.2|	1113	1127	8454	16.09	16.09	31.89	4.06	21.76	17.76	12.08	3.51
43	gi|55750041|ref|NP_001931.2|	1118	1132	8455	19.11	12.86	20.48	24.38	19.11	9.69	70.17	4.01
43	gi|55750041|ref|NP_001931.2|	1119	1133	8456	18.09	12.86	20.48	25.89	18.09	11.37	75.36	4.01
43	gi|55750041|ref|NP_001931.2|	1120	1134	8457	16.72	11.59	20.48	17.93	16.72	10.2	45.81	4.01
43	gi|55750041|ref|NP_001931.2|	1121	1135	8458	17.93	11.59	20.48	17.93	26.54	12.78	39.63	4.01
43	gi|55750041|ref|NP_001931.2|	1135	1149	8459	18.42	21.75	37.64	13.73	60.61	18.42	0.57	8.13
43	gi|55750041|ref|NP_001931.2|	1136	1150	8460	12.37	17.68	11.72	17.58	60.61	12.37	0.39	6.25
43	gi|55750041|ref|NP_001931.2|	1137	1151	8461	14	17.15	14	15.78	60.61	11.04	0.41	5.47
43	gi|55750041|ref|NP_001931.2|	1138	1152	8462	12.86	12.86	16.58	17.53	60.61	9.7	0.66	5.3
43	gi|55750041|ref|NP_001931.2|	1139	1153	8463	14.11	14.11	16.15	25.06	60.61	9.34	0.99	7.18
43	gi|55750041|ref|NP_001931.2|	1140	1154	8464	13.49	13.49	17.06	25.8	60.61	12.47	1.18	7.2
43	gi|55750041|ref|NP_001931.2|	1154	1168	8465	18.62	18.62	15.67	38.49	23.92	34.6	16.14	15.02
43	gi|55750041|ref|NP_001931.2|	1155	1169	8466	17.51	9.36	4.35	20.83	23.92	17.51	25.11	11.11
43	gi|55750041|ref|NP_001931.2|	1156	1170	8467	11.11	8.95	4.09	21.17	23.92	7.51	25.11	11.11
43	gi|55750041|ref|NP_001931.2|	1157	1171	8468	11.11	9.44	4.34	21.5	23.92	7.92	25.11	11.11
43	gi|55750041|ref|NP_001931.2|	1158	1172	8469	11.11	9.26	2.53	11.76	23.92	7.44	18.72	11.11
43	gi|55750041|ref|NP_001931.2|	1159	1173	8470	12.67	16.85	3.39	12.67	23.92	11.02	25.11	11.11
43	gi|55750041|ref|NP_001931.2|	1160	1174	8471	16.48	6.51	4.54	16.48	57.77	21.96	25.11	12.41
43	gi|55750041|ref|NP_001931.2|	1161	1175	8472	16.61	7.09	6.56	16.61	75.22	42.65	26.41	14.79
44	gi|915326|gb|AAB50276.1|	370	384	8473	18.85	15.17	3.75	40.26	64.01	18.85	83.87	11.11
44	gi|915326|gb|AAB50276.1|	444	458	8474	19.47	19.47	34.66	18.55	48.52	19.08	46.08	3.19
44	gi|915326|gb|AAB50276.1|	445	459	8475	18.55	15.45	34.66	18.55	47.5	12.68	46.08	3.19
44	gi|915326|gb|AAB50276.1|	446	460	8476	18.55	16.23	34.66	18.55	45.24	13.68	46.08	5.12
44	gi|915326|gb|AAB50276.1|	447	461	8477	19.99	15.39	33.47	19.99	39.66	12.73	46.08	4.92
44	gi|915326|gb|AAB50276.1|	518	532	8478	14.36	10.95	14.36	25.54	37.91	14.34	53.55	5.42
44	gi|915326|gb|AAB50276.1|	519	533	8479	10.29	10.29	10.28	24.42	37.18	3.04	53.55	5.42
44	gi|915326|gb|AAB50276.1|	520	534	8480	9.3	5.24	9.3	23.37	38.83	1.48	72.81	5.42
44	gi|915326|gb|AAB50276.1|	521	535	8481	9.86	5.24	9.86	23.8	41.6	1.76	68.24	5.42
44	gi|915326|gb|AAB50276.1|	522	536	8482	10.23	5.24	10.23	25.97	46.66	2.28	68.98	5.42
44	gi|915326|gb|AAB50276.1|	523	537	8483	12.57	5.24	12.57	35.88	48.85	5.46	77.09	5.42
44	gi|915326|gb|AAB50276.1|	524	538	8484	18.51	5.24	14.31	18.51	47.27	24.47	69.64	5.42
44	gi|915326|gb|AAB50276.1|	606	620	8485	13.19	20.87	3.51	12.95	32.66	42.99	13.19	12.86
44	gi|915326|gb|AAB50276.1|	607	621	8486	13.19	20.87	3.51	12.95	32.66	29.25	13.19	12.86
44	gi|915326|gb|AAB50276.1|	608	622	8487	13.27	20.87	3.51	12.95	55.38	20.66	13.27	12.86
44	gi|915326|gb|AAB50276.1|	609	623	8488	13.27	14.96	3.51	12.95	55.38	17.14	13.27	1.86
44	gi|915326|gb|AAB50276.1|	610	624	8489	13.27	14.96	3.51	12.95	55.38	17.01	13.27	1.18
44	gi|915326|gb|AAB50276.1|	611	625	8490	17.43	14.96	7.56	17.43	72.19	20.61	50.65	0.69

Table 2

44	gi|915326|gb|AAB50276.1|	612	626	8491	18	14.96	8.1	18	74.9	32.27	55.13	0.45
44	gi|915326|gb|AAB50276.1|	638	652	8492	16.92	16.78	44.43	56.21	9.25	16.92	63.69	4.01
44	gi|915326|gb|AAB50276.1|	639	653	8493	17.66	17.66	49.69	60.3	9.2	17.28	64.38	4.01
44	gi|915326|gb|AAB50276.1|	640	654	8494	18.73	18.73	58.3	60.98	10.17	18.56	67.81	4.01
44	gi|915326|gb|AAB50276.1|	656	670	8495	19.84	12.74	62.43	66.31	8.33	19.84	84.42	7.33
44	gi|915326|gb|AAB50276.1|	714	728	8496	18.81	18.81	74.84	58.68	17.22	67.6	18.58	18.44
44	gi|915326|gb|AAB50276.1|	715	729	8497	18.81	18.81	76.43	58.88	15.04	63.28	18.58	18.44
44	gi|915326|gb|AAB50276.1|	773	787	8498	11.49	11.49	12.99	5.8	29.54	8.92	27.33	0.78
44	gi|915326|gb|AAB50276.1|	774	788	8499	11.16	11.16	16.55	5.66	30.45	6.11	26.83	0.78
44	gi|915326|gb|AAB50276.1|	775	789	8500	10.4	10.4	21.72	5.68	32.47	4.52	25.33	0.78
44	gi|915326|gb|AAB50276.1|	776	790	8501	10.06	10.06	25.78	5.63	42.81	3.66	28.77	0.78
44	gi|915326|gb|AAB50276.1|	777	791	8502	14.6	13.04	34.7	14.6	56.38	7	61.51	0.78
44	gi|915326|gb|AAB50276.1|	866	880	8503	16.24	0.63	75.31	42.13	13.7	16.24	82.62	10.53
44	gi|915326|gb|AAB50276.1|	867	881	8504	16.83	0.32	77.51	59.79	15.85	16.83	82.62	10.53
44	gi|915326|gb|AAB50276.1|	904	918	8505	15.92	5.24	36.41	7.01	32.97	15.92	48.17	12.86
44	gi|915326|gb|AAB50276.1|	905	919	8506	12.86	5.24	34.9	7.65	33.01	6.35	40.33	12.86
44	gi|915326|gb|AAB50276.1|	906	920	8507	9.44	5.24	38.87	7.63	33.29	4.36	33.92	9.44
44	gi|915326|gb|AAB50276.1|	907	921	8508	9.44	5.24	39.31	7.96	33.17	4.93	31.75	9.44
44	gi|915326|gb|AAB50276.1|	908	922	8509	14.39	5.24	39.31	14.39	37.49	6.04	32.26	9.44
44	gi|915326|gb|AAB50276.1|	909	923	8510	16.5	5.24	39.31	15.23	42.9	10.29	42.07	16.5
44	gi|915326|gb|AAB50276.1|	912	926	8511	15.67	3.31	38.78	22.83	0.02	15.67	57.19	3.19
44	gi|915326|gb|AAB50276.1|	913	927	8512	8.03	2.68	38.78	23.74	0.02	8.03	54.48	3.19
44	gi|915326|gb|AAB50276.1|	914	928	8513	8.4	1.55	38.78	38.74	0.02	8.4	51.89	3.19
44	gi|915326|gb|AAB50276.1|	915	929	8514	10.77	2.35	38.78	40.95	0.02	10.77	83.87	3.19
44	gi|915326|gb|AAB50276.1|	916	930	8515	15.08	3.31	38.78	64.75	0.02	15.08	83.87	3.19
44	gi|915326|gb|AAB50276.1|	967	981	8516	19.99	15.93	75.19	19.99	63.5	49.01	16.17	14.15
44	gi|915326|gb|AAB50276.1|	968	982	8517	19.99	16.81	77.85	19.99	63.06	47.17	16.17	14.7
44	gi|915326|gb|AAB50276.1|	969	983	8518	19.99	16.35	78.34	19.99	70.86	43.11	16.17	14.58
44	gi|915326|gb|AAB50276.1|	991	1005	8519	17.73	17.73	6.21	13.3	29.51	22.41	22.59	11.11
44	gi|915326|gb|AAB50276.1|	992	1006	8520	13.62	13.62	6.21	12.87	29.51	14.71	35.01	11.11
44	gi|915326|gb|AAB50276.1|	993	1007	8521	13.33	13.62	6.21	13.33	29.51	11.09	40.3	11.11
44	gi|915326|gb|AAB50276.1|	994	1008	8522	13.55	13.62	6.21	13.55	29.51	10.51	40.3	11.11
44	gi|915326|gb|AAB50276.1|	995	1009	8523	13.62	13.62	6.21	16.21	29.51	9.78	40.3	10.55
44	gi|915326|gb|AAB50276.1|	996	1010	8524	13.62	13.62	6.64	21.55	29.51	10.53	40.3	11.11
44	gi|915326|gb|AAB50276.1|	1027	1041	8525	10.79	3.49	22	7.57	10.79	33.09	1.62	27.6
44	gi|915326|gb|AAB50276.1|	1028	1042	8526	18.63	3.9	26.2	7.16	18.63	42.91	1.21	32.82
44	gi|915326|gb|AAB50276.1|	1030	1044	8527	18.42	23.24	23.38	7.12	53.42	18.42	0.43	15.7
44	gi|915326|gb|AAB50276.1|	1031	1045	8528	15.61	18.17	27.12	6.93	16.79	9.85	0.43	15.61
44	gi|915326|gb|AAB50276.1|	1032	1046	8529	12.06	17.97	16.81	10.21	16.79	6.59	1.09	12.06
44	gi|915326|gb|AAB50276.1|	1033	1047	8530	11.08	17.64	12.69	10.73	16.79	5.4	1.73	11.08
44	gi|915326|gb|AAB50276.1|	1034	1048	8531	15.22	18.3	15.22	16.83	16.79	5.76	2.77	11.54
44	gi|915326|gb|AAB50276.1|	1035	1049	8532	16.69	24.96	17.04	16.69	16.79	7.44	7.97	15.32
44	gi|915326|gb|AAB50276.1|	1036	1050	8533	17.43	33.49	22.01	21.93	16.79	17.43	8.29	15.74
44	gi|915326|gb|AAB50276.1|	1045	1059	8534	18.74	18.74	9.08	16.69	54.52	33.23	22	17.39
44	gi|915326|gb|AAB50276.1|	1046	1060	8535	19.08	18.64	12.24	16.57	51.97	27.35	19.08	21.18
44	gi|915326|gb|AAB50276.1|	1047	1061	8536	18.6	18.6	15.67	18.32	49.58	31.11	11.94	21.62
44	gi|915326|gb|AAB50276.1|	1051	1065	8537	15.13	15.13	44.34	12.13	15.64	25.04	3.08	11.66
44	gi|915326|gb|AAB50276.1|	1052	1066	8538	12.95	13.46	52.06	12.55	14.16	12.95	3.19	11.66

Table 2

44	gi|915326|gb|AAB50276.1|	1053	1067	8539	12.6	13.36	54.72	12.6	14.16	9.3	3.05	11.66
44	gi|915326|gb|AAB50276.1|	1054	1068	8540	13.71	25.25	32.54	13.71	14.16	7.97	4.01	11.66
44	gi|915326|gb|AAB50276.1|	1055	1069	8541	14.16	25.31	31.51	13.3	14.16	10.77	15.78	11.66
44	gi|915326|gb|AAB50276.1|	1056	1070	8542	19.66	29.61	3.75	23	14.16	19.66	24.31	11.66
44	gi|915326|gb|AAB50276.1|	1057	1071	8543	16.34	16.34	3.75	19.73	14.16	30.6	29.34	9.97
44	gi|915326|gb|AAB50276.1|	1058	1072	8544	17.9	17.9	3.75	26.17	14.16	34.29	29.34	9.97
44	gi|915326|gb|AAB50276.1|	1060	1074	8545	17.9	17.9	3.75	24.58	32.3	16.65	29.34	9.97
44	gi|915326|gb|AAB50276.1|	1106	1120	8546	16.24	21.03	29.1	3.81	21.76	16.24	8.51	2.9
44	gi|915326|gb|AAB50276.1|	1107	1121	8547	16.09	16.09	31.89	4.06	21.76	17.76	12.08	3.51
44	gi|915326|gb|AAB50276.1|	1112	1126	8548	19.11	12.86	20.48	24.38	19.11	9.69	70.17	4.01
44	gi|915326|gb|AAB50276.1|	1113	1127	8549	18.09	12.86	20.48	25.89	18.09	11.37	75.36	4.01
44	gi|915326|gb|AAB50276.1|	1114	1128	8550	16.72	11.59	20.48	17.93	16.72	10.2	45.81	4.01
44	gi|915326|gb|AAB50276.1|	1115	1129	8551	17.93	11.59	20.48	17.93	26.54	12.78	39.63	4.01
44	gi|915326|gb|AAB50276.1|	1129	1143	8552	18.42	21.75	37.64	13.73	60.61	18.42	0.57	8.13
44	gi|915326|gb|AAB50276.1|	1130	1144	8553	12.37	17.68	11.72	17.58	60.61	12.37	0.39	6.25
44	gi|915326|gb|AAB50276.1|	1131	1145	8554	14	17.15	14	15.78	60.61	11.04	0.41	5.47
44	gi|915326|gb|AAB50276.1|	1132	1146	8555	12.86	12.86	16.58	17.53	60.61	9.7	0.66	5.3
44	gi|915326|gb|AAB50276.1|	1133	1147	8556	14.11	14.11	16.15	25.06	60.61	9.34	0.99	7.18
44	gi|915326|gb|AAB50276.1|	1134	1148	8557	13.49	13.49	17.06	25.8	60.61	12.47	1.18	7.2
44	gi|915326|gb|AAB50276.1|	1148	1162	8558	18.62	18.62	15.67	38.49	23.92	34.6	16.14	15.02
44	gi|915326|gb|AAB50276.1|	1149	1163	8559	17.51	9.36	4.35	20.83	23.92	17.51	25.11	11.11
44	gi|915326|gb|AAB50276.1|	1150	1164	8560	11.11	8.95	4.09	21.17	23.92	7.51	25.11	11.11
44	gi|915326|gb|AAB50276.1|	1151	1165	8561	11.11	9.44	4.34	21.5	23.92	7.92	25.11	11.11
44	gi|915326|gb|AAB50276.1|	1152	1166	8562	11.11	9.26	2.53	11.76	23.92	7.44	18.72	11.11
44	gi|915326|gb|AAB50276.1|	1153	1167	8563	12.67	16.85	3.39	12.67	23.92	11.02	25.11	11.11
44	gi|915326|gb|AAB50276.1|	1154	1168	8564	16.48	6.51	4.54	16.48	57.77	21.96	25.11	12.41
44	gi|915326|gb|AAB50276.1|	1155	1169	8565	16.61	7.09	6.56	16.61	75.22	42.65	26.41	14.79
45	gi|109658942|gb|AAI17126.1|	66	80	8566	17.63	25.11	38.58	8.86	75.22	17.63	1.38	4.01
45	gi|109658942|gb|AAI17126.1|	67	81	8567	10.77	24.13	34.88	8.95	75.22	10.77	2.79	4.01
45	gi|109658942|gb|AAI17126.1|	68	82	8568	16.02	27.25	37.23	16.02	75.22	10.91	15.92	4.01
45	gi|109658942|gb|AAI17126.1|	69	83	8569	11.59	11.59	22.4	7.49	75.22	11.36	24.38	4.01
45	gi|109658942|gb|AAI17126.1|	70	84	8570	18.15	11.59	27.96	9.14	75.22	18.15	37.85	5.42
45	gi|109658942|gb|AAI17126.1|	71	85	8571	11.59	11.59	3.17	4.91	75.22	16.24	19	5.42
45	gi|109658942|gb|AAI17126.1|	72	86	8572	11.59	11.59	3.97	5.05	75.22	14.34	19.14	8.42
45	gi|109658942|gb|AAI17126.1|	73	87	8573	10.18	11.59	4.05	5.05	59.59	10.18	24.6	8.03
45	gi|109658942|gb|AAI17126.1|	74	88	8574	10.28	11.59	4.86	8.71	55.82	10.28	25.42	6.58
45	gi|109658942|gb|AAI17126.1|	75	89	8575	11.59	11.59	5.43	9.06	52.4	14.77	25.12	8.42
45	gi|109658942|gb|AAI17126.1|	115	129	8576	14.77	39.78	21.49	19.9	7.82	14.77	13.99	9.97
45	gi|109658942|gb|AAI17126.1|	116	130	8577	19.49	42.03	22.9	19.74	7.82	11.61	19.49	9.97
45	gi|109658942|gb|AAI17126.1|	121	135	8578	10.72	35.84	2.18	10.72	7.82	24.16	14.95	0.84
45	gi|109658942|gb|AAI17126.1|	122	136	8579	12.83	35.8	2.05	10.06	17.19	12.83	35.26	0.83
45	gi|109658942|gb|AAI17126.1|	123	137	8580	10.4	11.76	1.93	9.94	18.3	10.4	40.31	0.78
45	gi|109658942|gb|AAI17126.1|	124	138	8581	9.85	10.67	2.01	9.85	18.89	8.91	40.31	0.78
45	gi|109658942|gb|AAI17126.1|	125	139	8582	9.75	10.52	2.27	9.75	25.23	8.71	51.52	0.78
45	gi|109658942|gb|AAI17126.1|	126	140	8583	12.45	12.06	3.15	16.71	32.53	12.45	58.49	1.89
45	gi|109658942|gb|AAI17126.1|	127	141	8584	17.1	11.79	4.48	17.1	42.82	24.77	65.53	1.92
45	gi|109658942|gb|AAI17126.1|	129	143	8585	18.4	29.8	0.34	18.4	10.7	53.75	82.81	7.03
45	gi|109658942|gb|AAI17126.1|	130	144	8586	16.53	35.81	0.52	16.53	11.89	51.59	83.87	7.03

Table 2

45	gi|109658942|gb|AAI17126.1|	134	148	8587	17.89	32.87	0.63	6.54	22.1	17.89	19.78	6.65
45	gi|109658942|gb|AAI17126.1|	135	149	8588	12.67	34.17	0.99	6.54	22.1	15.92	12.67	7.03
45	gi|109658942|gb|AAI17126.1|	136	150	8589	10.42	10.89	2.95	6.54	42.98	14.65	10.42	8.42
45	gi|109658942|gb|AAI17126.1|	137	151	8590	8.42	10.69	4.17	6.54	44.32	13.91	7.24	8.42
45	gi|109658942|gb|AAI17126.1|	138	152	8591	8.42	12.32	5.22	7.43	48.24	14.44	4.2	8.42
45	gi|109658942|gb|AAI17126.1|	139	153	8592	12.45	12.45	7.64	16.78	50.25	21.65	3.28	8.42
45	gi|109658942|gb|AAI17126.1|	140	154	8593	17.92	12.87	15.23	19.04	59.2	33.72	3.27	17.92
45	gi|109658942|gb|AAI17126.1|	141	155	8594	16.88	16.88	11.18	20.25	66.39	42.94	16.07	11.66
45	gi|109658942|gb|AAI17126.1|	142	156	8595	17.14	17.14	12.29	19.67	60.53	56.1	16.07	11.66
45	gi|109658942|gb|AAI17126.1|	143	157	8596	18.55	18.55	14.19	19.9	61.59	64.18	16.07	18.44
45	gi|109658942|gb|AAI17126.1|	173	187	8597	16.56	23.29	16.35	7.82	23.5	16.56	49.01	7.03
45	gi|109658942|gb|AAI17126.1|	174	188	8598	12.23	8.84	16.35	6.06	23.5	12.23	49.73	7.03
45	gi|109658942|gb|AAI17126.1|	175	189	8599	8.96	8.84	16.35	6.48	23.5	8.96	32.27	4.34
45	gi|109658942|gb|AAI17126.1|	176	190	8600	10.6	8.84	16.35	10.6	23.5	8.44	24.38	4.45
45	gi|109658942|gb|AAI17126.1|	177	191	8601	13.17	8.84	16.35	11.09	23.5	13.17	17.81	4.6
45	gi|109658942|gb|AAI17126.1|	178	192	8602	15.02	8.84	16.99	15.02	23.5	18.87	13.93	8.38
45	gi|109658942|gb|AAI17126.1|	223	237	8603	19.93	24.36	16.96	18.96	28.55	19.93	42.21	17.18
45	gi|109658942|gb|AAI17126.1|	241	255	8604	13.18	66.87	4.68	12.87	57.38	13.18	30.54	0.95
45	gi|109658942|gb|AAI17126.1|	242	256	8605	9.66	22.88	4.74	9.66	53.96	5.93	28.71	0.95
45	gi|109658942|gb|AAI17126.1|	243	257	8606	9.66	11.91	4.9	9.66	53.93	4.04	29.5	0.95
45	gi|109658942|gb|AAI17126.1|	244	258	8607	8.6	8.6	6.54	9.66	56.59	4.37	24.12	0.95
45	gi|109658942|gb|AAI17126.1|	245	259	8608	8.41	8.41	8.01	9.66	65.9	5.54	24.44	0.95
45	gi|109658942|gb|AAI17126.1|	246	260	8609	9.98	8.33	9.98	15.82	75.22	9.62	39.16	1.83
45	gi|109658942|gb|AAI17126.1|	286	300	8610	9.88	9.88	55.76	25.92	1.5	33.99	2.31	4.96
45	gi|109658942|gb|AAI17126.1|	287	301	8611	4.87	9.37	3.08	20.4	1.16	24.77	4.87	4.27
45	gi|109658942|gb|AAI17126.1|	288	302	8612	11.14	14	5.11	24.16	1.08	26.27	11.14	4.55
45	gi|109658942|gb|AAI17126.1|	289	303	8613	14.13	14.13	7.94	24.68	1.09	29.01	59.94	4.54
45	gi|109658942|gb|AAI17126.1|	420	434	8614	12.33	12.33	1.2	20.69	5.49	21.3	46.55	8.92
45	gi|109658942|gb|AAI17126.1|	421	435	8615	12.33	12.33	1.21	20.69	5.99	12.46	46.55	8.92
45	gi|109658942|gb|AAI17126.1|	422	436	8616	9.62	12.33	1.72	16.1	6.67	9.62	46.55	8.92
45	gi|109658942|gb|AAI17126.1|	423	437	8617	9.48	12.33	2.78	25.57	7.61	9.48	46.55	8.92
45	gi|109658942|gb|AAI17126.1|	424	438	8618	12.56	12.33	4.43	28.62	12.56	13.5	19.98	8.92
45	gi|109658942|gb|AAI17126.1|	425	439	8619	19.46	19.46	7.12	39.87	20.71	27.05	16.32	18.82
45	gi|109658942|gb|AAI17126.1|	426	440	8620	19.89	19.89	10.05	38.15	20.71	49.58	16.32	18.91
45	gi|109658942|gb|AAI17126.1|	428	442	8621	18.55	12.14	10.25	37.5	51.59	44.86	12.31	18.55
45	gi|109658942|gb|AAI17126.1|	429	443	8622	19.4	12.14	11.03	38.72	51.59	45.85	15.11	19.4
45	gi|109658942|gb|AAI17126.1|	430	444	8623	16.71	12.14	2.49	37.48	51.59	37.72	16.32	16.71
45	gi|109658942|gb|AAI17126.1|	449	463	8624	16.05	32.48	3.1	30.25	6.36	16.05	52.77	10.84
45	gi|109658942|gb|AAI17126.1|	450	464	8625	11.62	31.02	4.35	30.54	6.4	11.62	52.77	10.65
45	gi|109658942|gb|AAI17126.1|	451	465	8626	12.41	32.18	5.41	29.55	9.23	12.41	52.77	9.92
45	gi|109658942|gb|AAI17126.1|	452	466	8627	18.88	45.79	8.26	31.67	16.32	18.88	52.77	10.19
45	gi|109658942|gb|AAI17126.1|	458	472	8628	15.05	15.05	21.81	7.77	18.46	34.24	6.01	9.76
45	gi|109658942|gb|AAI17126.1|	459	473	8629	14.96	14.96	20.9	8.61	18.46	25.63	5.27	9.39
45	gi|109658942|gb|AAI17126.1|	460	474	8630	17.12	17.12	20.04	9.58	18.46	21.75	5.3	12.72
45	gi|109658942|gb|AAI17126.1|	461	475	8631	17.14	17.14	20.73	13	18.46	20.96	4.75	15.88
45	gi|109658942|gb|AAI17126.1|	462	476	8632	19.26	18.39	26.21	32.66	18.46	27.88	4.34	19.26
45	gi|109658942|gb|AAI17126.1|	467	481	8633	14.36	11.37	6.43	24.81	65.18	14.36	43.43	9.97
45	gi|109658942|gb|AAI17126.1|	468	482	8634	6.85	6.85	1.06	14.61	9.87	4.29	26.82	4.34

Table 2

45	gi|109658942|gb|AAI17126.1|	469	483	8635	5.2	5.2	0.85	13.84	8.94	2.05	21.29	4.17
45	gi|109658942|gb|AAI17126.1|	470	484	8636	8.15	8.15	0.83	13.49	8.34	1.62	21.11	3.43
45	gi|109658942|gb|AAI17126.1|	471	485	8637	9.12	13.42	1.24	15.82	9.12	2.69	22.93	4.14
45	gi|109658942|gb|AAI17126.1|	472	486	8638	9.61	9.61	1.69	16.08	17.46	6.57	23.52	4.34
45	gi|109658942|gb|AAI17126.1|	478	492	8639	14.96	2.19	9.49	23.34	33.88	28.91	8.32	14.96
45	gi|109658942|gb|AAI17126.1|	479	493	8640	19.23	2.19	12.64	23.81	32.24	28.21	8.32	19.23
45	gi|109658942|gb|AAI17126.1|	480	494	8641	18.88	2.19	15.16	23.55	32.14	25.49	8.32	18.88
45	gi|109658942|gb|AAI17126.1|	503	517	8642	18.42	2.41	24.44	19.07	18.42	12.05	23.87	13.69
45	gi|109658942|gb|AAI17126.1|	504	518	8643	15.77	2.41	23.77	18.68	15.77	6.78	23.87	13.3
45	gi|109658942|gb|AAI17126.1|	509	523	8644	17.34	17.34	0.9	21.09	6.53	30.28	44.28	13.66
45	gi|109658942|gb|AAI17126.1|	510	524	8645	19.31	41.63	1.31	26	7.08	19.31	46.35	13.66
45	gi|109658942|gb|AAI17126.1|	511	525	8646	16.1	41.07	2.05	26	7.92	16.1	47.69	13.66
45	gi|109658942|gb|AAI17126.1|	512	526	8647	15.18	39.79	3.23	25.4	9.17	15.18	37.43	13.66
45	gi|109658942|gb|AAI17126.1|	513	527	8648	18.86	52.94	4.63	25.4	14.81	18.86	37.43	13.66
45	gi|109658942|gb|AAI17126.1|	517	531	8649	19.29	6.18	19.29	38.37	31.73	16.37	52.89	7.38
45	gi|109658942|gb|AAI17126.1|	518	532	8650	19.29	6.18	19.29	46	30	14.08	52.89	7.36
45	gi|109658942|gb|AAI17126.1|	519	533	8651	19.29	6.18	19.29	44.81	26.65	12.31	52.47	7.33
45	gi|109658942|gb|AAI17126.1|	520	534	8652	19.29	6.18	19.29	47.11	42.33	14.72	52.89	9.35
45	gi|109658942|gb|AAI17126.1|	533	547	8653	16.02	16.02	31.67	7.47	23.21	19.98	6.61	5.42
45	gi|109658942|gb|AAI17126.1|	534	548	8654	10.93	10.93	18.73	7.47	23.21	11.04	7.78	5.42
45	gi|109658942|gb|AAI17126.1|	535	549	8655	8.6	10.85	21.68	7.47	23.21	8.6	8.02	5.42
45	gi|109658942|gb|AAI17126.1|	536	550	8656	9.87	10.76	24.1	7.47	23.21	8.71	9.87	5.42
45	gi|109658942|gb|AAI17126.1|	537	551	8657	12.88	12.88	28.4	9.9	23.21	12.45	21.2	6.15
45	gi|109658942|gb|AAI17126.1|	538	552	8658	10.19	17.13	34.34	10.19	3.23	26.58	8.74	5.82
45	gi|109658942|gb|AAI17126.1|	542	556	8659	11.16	8.84	16.65	16.68	1.91	29.52	0.69	11.16
45	gi|109658942|gb|AAI17126.1|	543	557	8660	14.56	8.84	15.68	14.56	2.47	20.31	0.77	16.57
45	gi|109658942|gb|AAI17126.1|	544	558	8661	14.41	8.84	19.07	14.41	2.51	18.4	0.99	16.88
45	gi|109658942|gb|AAI17126.1|	545	559	8662	19.59	8.84	23.29	17.85	33.49	21.26	1.28	19.59
45	gi|109658942|gb|AAI17126.1|	546	560	8663	19.99	6.07	23.7	16.91	36.53	24.97	1.77	19.99
45	gi|109658942|gb|AAI17126.1|	550	564	8664	11.11	3.26	6.07	20.83	45.76	33.89	5.31	11.11
45	gi|109658942|gb|AAI17126.1|	551	565	8665	9.79	3.26	5.79	9.79	45.76	18.57	5.08	11.11
45	gi|109658942|gb|AAI17126.1|	552	566	8666	9.62	3.26	5.91	9.62	45.76	12.2	4.93	11.11
45	gi|109658942|gb|AAI17126.1|	553	567	8667	11.11	3.26	7.47	10.58	68.69	14.49	14.19	11.11
45	gi|109658942|gb|AAI17126.1|	554	568	8668	11.11	3.26	10.71	10.7	60.78	18.32	20.01	11.11
45	gi|109658942|gb|AAI17126.1|	555	569	8669	15.39	3.26	15.16	13.25	60.78	31.26	48.13	15.39
45	gi|109658942|gb|AAI17126.1|	568	582	8670	12.25	12.25	9.57	12.89	39.99	12.22	36.77	10.17
45	gi|109658942|gb|AAI17126.1|	569	583	8671	11.77	7.7	11.77	12.56	39.99	5.64	18.53	10.06
45	gi|109658942|gb|AAI17126.1|	570	584	8672	10.27	7.67	15.81	12.89	39.99	4.35	10.27	10.02
45	gi|109658942|gb|AAI17126.1|	571	585	8673	11.21	8.16	16.7	22.45	39.99	4.93	8.66	11.21
45	gi|109658942|gb|AAI17126.1|	572	586	8674	11.38	8.19	16.7	19.41	39.99	6.95	7.98	11.38
45	gi|109658942|gb|AAI17126.1|	573	587	8675	8.97	8.97	18.09	7.88	47.81	10.28	8.81	4.62
45	gi|109658942|gb|AAI17126.1|	574	588	8676	8.33	4.01	19.16	8.28	47.81	11.53	8.33	2.24
45	gi|109658942|gb|AAI17126.1|	575	589	8677	7.57	4.01	26.2	8.01	60.71	7.57	7.17	2.24
45	gi|109658942|gb|AAI17126.1|	576	590	8678	8.96	8.96	25.52	7.8	60.71	4.46	12.35	2.24
45	gi|109658942|gb|AAI17126.1|	577	591	8679	8.75	7.08	30.61	8.75	60.71	5.74	21.44	2.24
45	gi|109658942|gb|AAI17126.1|	578	592	8680	19.2	10.64	32.93	19.2	60.71	7.72	27.67	2.24
45	gi|109658942|gb|AAI17126.1|	604	618	8681	17.56	0.26	5.81	17.56	6.49	24.55	34.51	20.38
45	gi|109658942|gb|AAI17126.1|	605	619	8682	18	0.53	6.71	18	5.81	21.62	38.98	20.38

Table 2

45	gi|109658942|gb|AAI17126.1|	623	637	8683	19.89	8.98	22.87	19.89	52.12	27.84	11.07	3.19
45	gi|109658942|gb|AAI17126.1|	624	638	8684	11.58	8.98	23.09	21.75	58.02	11.58	11.07	3.19
45	gi|109658942|gb|AAI17126.1|	625	639	8685	14.77	8.98	24.09	24.16	49.91	8	14.77	3.19
45	gi|109658942|gb|AAI17126.1|	626	640	8686	18.7	8.98	20.73	25.1	47.17	5.68	18.7	3.19
45	gi|109658942|gb|AAI17126.1|	638	652	8687	11.53	7.76	52.15	6.08	11.53	67.43	24.2	9.44
45	gi|109658942|gb|AAI17126.1|	639	653	8688	11.43	7.76	53.89	4.25	11.43	57.31	30.61	9.44
45	gi|109658942|gb|AAI17126.1|	640	654	8689	12.5	7.76	61.35	4.39	12.5	57.79	34.54	9.44
45	gi|109658942|gb|AAI17126.1|	641	655	8690	14.21	7.76	66.64	4.55	14.21	59.11	34.54	9.44
45	gi|109658942|gb|AAI17126.1|	642	656	8691	18.99	7.76	71.8	4.75	18.99	64.97	34.54	9.44
45	gi|109658942|gb|AAI17126.1|	675	689	8692	18.78	2.71	15.77	18.78	28.57	51.78	41.08	15.26
45	gi|109658942|gb|AAI17126.1|	676	690	8693	19.08	2.71	19.08	16.59	55.23	42.4	32.05	15.26
45	gi|109658942|gb|AAI17126.1|	678	692	8694	19.6	1.26	21.28	8.54	74.23	21.86	19.6	5.05
45	gi|109658942|gb|AAI17126.1|	681	695	8695	15.2	3.02	23.41	3.39	63.03	15.2	19.33	5.05
45	gi|109658942|gb|AAI17126.1|	682	696	8696	14.45	6.61	35.76	3.39	63.03	14.45	24.14	5.05
45	gi|109658942|gb|AAI17126.1|	683	697	8697	15.97	10.25	39.48	3.39	63.03	15.97	24.14	5.05
45	gi|109658942|gb|AAI17126.1|	702	716	8698	15.91	5.87	5.81	15.12	68.06	24.02	26.74	15.91
45	gi|109658942|gb|AAI17126.1|	703	717	8699	14.94	5.85	5.48	14.94	60.82	9.88	21.62	15.91
45	gi|109658942|gb|AAI17126.1|	704	718	8700	15.91	6.07	6.75	19.06	60.82	9.21	22.1	15.91
45	gi|109658942|gb|AAI17126.1|	705	719	8701	15.91	7.55	7.28	20.75	60.82	9.37	26.86	15.91
45	gi|109658942|gb|AAI17126.1|	706	720	8702	15.91	9.08	8.81	24.77	60.82	12.95	38.16	15.91
45	gi|109658942|gb|AAI17126.1|	725	739	8703	18.55	12.2	1.48	32.2	68	16.4	27.72	18.55
45	gi|109658942|gb|AAI17126.1|	726	740	8704	18.53	12.2	2.41	32.33	64.67	14.76	24.84	18.53
45	gi|109658942|gb|AAI17126.1|	727	741	8705	18.55	11.97	4.01	32.47	62.58	14.94	23.85	18.55
46	gi|189491748|ref|NP_001121636.1|	66	80	8706	17.63	25.11	38.58	8.86	75.22	17.63	1.38	4.01
46	gi|189491748|ref|NP_001121636.1|	67	81	8707	10.77	24.13	34.88	8.95	75.22	10.77	2.79	4.01
46	gi|189491748|ref|NP_001121636.1|	68	82	8708	16.02	27.25	37.23	16.02	75.22	10.91	15.92	4.01
46	gi|189491748|ref|NP_001121636.1|	69	83	8709	11.59	11.59	22.4	7.49	75.22	11.36	24.38	4.01
46	gi|189491748|ref|NP_001121636.1|	70	84	8710	18.15	11.59	27.96	9.14	75.22	18.15	37.85	5.42
46	gi|189491748|ref|NP_001121636.1|	71	85	8711	11.59	11.59	3.17	4.91	75.22	16.24	19	5.42
46	gi|189491748|ref|NP_001121636.1|	72	86	8712	11.59	11.59	3.97	5.05	75.22	14.34	19.14	8.42
46	gi|189491748|ref|NP_001121636.1|	73	87	8713	10.18	11.59	4.05	5.05	59.59	10.18	24.6	8.03
46	gi|189491748|ref|NP_001121636.1|	74	88	8714	10.28	11.59	4.86	8.71	55.82	10.28	25.42	6.58
46	gi|189491748|ref|NP_001121636.1|	75	89	8715	11.59	11.59	5.43	9.06	52.4	14.77	25.12	8.42
46	gi|189491748|ref|NP_001121636.1|	115	129	8716	14.77	39.78	21.49	19.9	7.82	14.77	13.99	9.97
46	gi|189491748|ref|NP_001121636.1|	116	130	8717	19.49	42.03	22.9	19.74	7.82	11.61	19.49	9.97
46	gi|189491748|ref|NP_001121636.1|	121	135	8718	10.72	35.84	2.18	10.72	7.82	24.16	14.95	0.84
46	gi|189491748|ref|NP_001121636.1|	122	136	8719	12.83	35.8	2.05	10.06	17.19	12.83	35.26	0.83
46	gi|189491748|ref|NP_001121636.1|	123	137	8720	10.4	11.76	1.93	9.94	18.3	10.4	40.31	0.78
46	gi|189491748|ref|NP_001121636.1|	124	138	8721	9.85	10.67	2.01	9.85	18.89	8.91	40.31	0.78
46	gi|189491748|ref|NP_001121636.1|	125	139	8722	9.75	10.52	2.27	9.75	25.23	8.71	51.52	0.78
46	gi|189491748|ref|NP_001121636.1|	126	140	8723	12.45	12.06	3.15	16.71	32.53	12.45	58.49	1.89
46	gi|189491748|ref|NP_001121636.1|	127	141	8724	17.1	11.79	4.48	17.1	42.82	24.77	65.53	1.92
46	gi|189491748|ref|NP_001121636.1|	129	143	8725	18.4	29.8	0.34	18.4	10.7	53.75	82.81	7.03
46	gi|189491748|ref|NP_001121636.1|	130	144	8726	16.53	35.81	0.52	16.53	11.89	51.59	83.87	7.03
46	gi|189491748|ref|NP_001121636.1|	134	148	8727	17.89	32.87	0.63	6.54	22.1	17.89	19.78	6.65
46	gi|189491748|ref|NP_001121636.1|	135	149	8728	12.67	34.17	0.99	6.54	22.1	15.92	12.67	7.03
46	gi|189491748|ref|NP_001121636.1|	136	150	8729	10.42	10.89	2.95	6.54	42.98	14.65	10.42	8.42
46	gi|189491748|ref|NP_001121636.1|	137	151	8730	8.42	10.69	4.17	6.54	44.32	13.91	7.24	8.42

Table 2

46	gi|189491748|ref|NP_001121636.1|	138	152	8731	8.42	12.32	5.22	7.43	48.24	14.44	4.2	8.42
46	gi|189491748|ref|NP_001121636.1|	139	153	8732	12.45	12.45	7.64	16.78	50.25	21.65	3.28	8.42
46	gi|189491748|ref|NP_001121636.1|	140	154	8733	17.92	12.87	15.23	19.04	59.2	33.72	3.27	17.92
46	gi|189491748|ref|NP_001121636.1|	141	155	8734	16.88	16.88	11.18	20.25	66.39	42.94	16.07	11.66
46	gi|189491748|ref|NP_001121636.1|	142	156	8735	17.14	17.14	12.29	19.67	60.53	56.1	16.07	11.66
46	gi|189491748|ref|NP_001121636.1|	143	157	8736	18.55	18.55	14.19	19.9	61.59	64.18	16.07	18.44
46	gi|189491748|ref|NP_001121636.1|	173	187	8737	16.56	23.29	16.35	7.82	23.5	16.56	49.01	7.03
46	gi|189491748|ref|NP_001121636.1|	174	188	8738	12.23	8.84	16.35	6.06	23.5	12.23	49.73	7.03
46	gi|189491748|ref|NP_001121636.1|	175	189	8739	8.96	8.84	16.35	6.48	23.5	8.96	32.27	4.34
46	gi|189491748|ref|NP_001121636.1|	176	190	8740	10.6	8.84	16.35	10.6	23.5	8.44	24.38	4.45
46	gi|189491748|ref|NP_001121636.1|	177	191	8741	13.17	8.84	16.35	11.09	23.5	13.17	17.81	4.6
46	gi|189491748|ref|NP_001121636.1|	178	192	8742	15.02	8.84	16.99	15.02	23.5	18.87	13.93	8.38
46	gi|189491748|ref|NP_001121636.1|	223	237	8743	19.93	24.36	16.96	18.96	28.55	19.93	42.21	17.18
46	gi|189491748|ref|NP_001121636.1|	241	255	8744	13.18	66.87	4.68	12.87	57.38	13.18	30.54	0.95
46	gi|189491748|ref|NP_001121636.1|	242	256	8745	9.66	22.88	4.74	9.66	53.96	5.93	28.71	0.95
46	gi|189491748|ref|NP_001121636.1|	243	257	8746	9.66	11.91	4.9	9.66	53.93	4.04	29.5	0.95
46	gi|189491748|ref|NP_001121636.1|	244	258	8747	8.6	8.6	6.54	9.66	56.59	4.37	24.12	0.95
46	gi|189491748|ref|NP_001121636.1|	245	259	8748	8.41	8.41	8.01	9.66	65.9	5.54	24.44	0.95
46	gi|189491748|ref|NP_001121636.1|	246	260	8749	9.98	8.33	9.98	15.82	75.22	9.62	39.16	1.83
46	gi|189491748|ref|NP_001121636.1|	286	300	8750	9.88	9.88	55.76	25.92	1.5	33.99	2.31	4.96
46	gi|189491748|ref|NP_001121636.1|	287	301	8751	4.87	9.37	3.08	20.4	1.16	24.77	4.87	4.27
46	gi|189491748|ref|NP_001121636.1|	288	302	8752	11.14	14	5.11	24.16	1.08	26.27	11.14	4.55
46	gi|189491748|ref|NP_001121636.1|	289	303	8753	14.13	14.13	7.94	24.68	1.09	29.01	59.94	4.54
46	gi|189491748|ref|NP_001121636.1|	420	434	8754	12.33	12.33	1.2	20.69	5.49	21.3	46.55	8.92
46	gi|189491748|ref|NP_001121636.1|	421	435	8755	12.33	12.33	1.21	20.69	5.99	12.46	46.55	8.92
46	gi|189491748|ref|NP_001121636.1|	422	436	8756	9.62	12.33	1.72	16.1	6.67	9.62	46.55	8.92
46	gi|189491748|ref|NP_001121636.1|	423	437	8757	9.48	12.33	2.78	25.57	7.61	9.48	46.55	8.92
46	gi|189491748|ref|NP_001121636.1|	424	438	8758	12.56	12.33	4.43	28.62	12.56	13.5	19.98	8.92
46	gi|189491748|ref|NP_001121636.1|	425	439	8759	19.46	19.46	7.12	39.87	20.71	27.05	16.32	18.82
46	gi|189491748|ref|NP_001121636.1|	426	440	8760	19.89	19.89	10.05	38.15	20.71	49.58	16.32	18.91
46	gi|189491748|ref|NP_001121636.1|	428	442	8761	18.55	12.14	10.25	37.5	51.59	44.86	12.31	18.55
46	gi|189491748|ref|NP_001121636.1|	429	443	8762	19.4	12.14	11.03	38.72	51.59	45.85	15.11	19.4
46	gi|189491748|ref|NP_001121636.1|	430	444	8763	16.71	12.14	2.49	37.48	51.59	37.72	16.32	16.71
46	gi|189491748|ref|NP_001121636.1|	449	463	8764	16.05	32.48	3.1	30.25	6.36	16.05	52.77	10.84
46	gi|189491748|ref|NP_001121636.1|	450	464	8765	11.62	31.02	4.35	30.54	6.4	11.62	52.77	10.65
46	gi|189491748|ref|NP_001121636.1|	451	465	8766	12.41	32.18	5.41	29.55	9.23	12.41	52.77	9.92
46	gi|189491748|ref|NP_001121636.1|	452	466	8767	18.88	45.79	8.26	31.67	16.32	18.88	52.77	10.19
46	gi|189491748|ref|NP_001121636.1|	458	472	8768	15.05	15.05	21.81	7.77	18.46	34.24	6.01	9.76
46	gi|189491748|ref|NP_001121636.1|	459	473	8769	14.96	14.96	20.9	8.61	18.46	25.63	5.27	9.39
46	gi|189491748|ref|NP_001121636.1|	460	474	8770	17.12	17.12	20.04	9.58	18.46	21.75	5.3	12.72
46	gi|189491748|ref|NP_001121636.1|	461	475	8771	17.14	17.14	20.73	13	18.46	20.96	4.75	15.88
46	gi|189491748|ref|NP_001121636.1|	462	476	8772	19.26	18.39	26.21	32.66	18.46	27.88	4.34	19.26
46	gi|189491748|ref|NP_001121636.1|	467	481	8773	14.36	11.37	6.43	24.81	65.18	14.36	43.43	9.97
46	gi|189491748|ref|NP_001121636.1|	468	482	8774	6.85	6.85	1.06	14.61	9.87	4.29	26.82	4.34
46	gi|189491748|ref|NP_001121636.1|	469	483	8775	5.2	5.2	0.85	13.84	8.94	2.05	21.29	4.17
46	gi|189491748|ref|NP_001121636.1|	470	484	8776	8.15	8.15	0.83	13.49	8.34	1.62	21.11	3.43
46	gi|189491748|ref|NP_001121636.1|	471	485	8777	9.12	13.42	1.24	15.82	9.12	2.69	22.93	4.14
46	gi|189491748|ref|NP_001121636.1|	472	486	8778	9.61	9.61	1.69	16.08	17.46	6.57	23.52	4.34

Table 2

46	gi|189491748|ref|NP_001121636.1|	478	492	8779	14.96	2.19	9.49	23.34	33.88	28.91	8.32	14.96
46	gi|189491748|ref|NP_001121636.1|	479	493	8780	19.23	2.19	12.64	23.81	32.24	28.21	8.32	19.23
46	gi|189491748|ref|NP_001121636.1|	480	494	8781	18.88	2.19	15.16	23.55	32.14	25.49	8.32	18.88
46	gi|189491748|ref|NP_001121636.1|	503	517	8782	18.42	2.41	24.44	19.07	18.42	12.05	23.87	13.69
46	gi|189491748|ref|NP_001121636.1|	504	518	8783	15.77	2.41	23.77	18.68	15.77	6.78	23.87	13.3
46	gi|189491748|ref|NP_001121636.1|	509	523	8784	17.34	17.34	0.9	21.09	6.53	30.28	44.28	13.66
46	gi|189491748|ref|NP_001121636.1|	510	524	8785	19.31	41.63	1.31	26	7.08	19.31	46.35	13.66
46	gi|189491748|ref|NP_001121636.1|	511	525	8786	16.1	41.07	2.05	26	7.92	16.1	47.69	13.66
46	gi|189491748|ref|NP_001121636.1|	512	526	8787	15.18	39.79	3.23	25.4	9.17	15.18	37.43	13.66
46	gi|189491748|ref|NP_001121636.1|	513	527	8788	18.86	52.94	4.63	25.4	14.81	18.86	37.43	13.66
46	gi|189491748|ref|NP_001121636.1|	517	531	8789	19.29	6.18	19.29	38.37	31.73	16.37	52.89	7.38
46	gi|189491748|ref|NP_001121636.1|	518	532	8790	19.29	6.18	19.29	46	30	14.08	52.89	7.36
46	gi|189491748|ref|NP_001121636.1|	519	533	8791	19.29	6.18	19.29	44.81	26.65	12.31	52.47	7.33
46	gi|189491748|ref|NP_001121636.1|	520	534	8792	19.29	6.18	19.29	47.11	42.33	14.72	52.89	9.35
46	gi|189491748|ref|NP_001121636.1|	533	547	8793	16.02	16.02	31.67	7.47	23.21	19.98	6.61	5.42
46	gi|189491748|ref|NP_001121636.1|	534	548	8794	10.93	10.93	18.73	7.47	23.21	11.04	7.78	5.42
46	gi|189491748|ref|NP_001121636.1|	535	549	8795	8.6	10.85	21.68	7.47	23.21	8.6	8.02	5.42
46	gi|189491748|ref|NP_001121636.1|	536	550	8796	9.87	10.76	24.1	7.47	23.21	8.71	9.87	5.42
46	gi|189491748|ref|NP_001121636.1|	537	551	8797	12.88	12.88	28.4	9.9	23.21	12.45	21.2	6.15
46	gi|189491748|ref|NP_001121636.1|	538	552	8798	10.19	17.13	34.34	10.19	3.23	26.58	8.74	5.82
46	gi|189491748|ref|NP_001121636.1|	542	556	8799	11.16	8.84	16.65	16.68	1.91	29.52	0.69	11.16
46	gi|189491748|ref|NP_001121636.1|	543	557	8800	14.56	8.84	15.68	14.56	2.47	20.31	0.77	16.57
46	gi|189491748|ref|NP_001121636.1|	544	558	8801	14.41	8.84	19.07	14.41	2.51	18.4	0.99	16.88
46	gi|189491748|ref|NP_001121636.1|	545	559	8802	19.59	8.84	23.29	17.85	33.49	21.26	1.28	19.59
46	gi|189491748|ref|NP_001121636.1|	546	560	8803	19.99	6.07	23.7	16.91	36.53	24.97	1.77	19.99
46	gi|189491748|ref|NP_001121636.1|	550	564	8804	11.11	3.26	6.07	20.83	45.76	33.89	5.31	11.11
46	gi|189491748|ref|NP_001121636.1|	551	565	8805	9.79	3.26	5.79	9.79	45.76	18.57	5.08	11.11
46	gi|189491748|ref|NP_001121636.1|	552	566	8806	9.62	3.26	5.91	9.62	45.76	12.2	4.93	11.11
46	gi|189491748|ref|NP_001121636.1|	553	567	8807	11.11	3.26	7.47	10.58	68.69	14.49	14.19	11.11
46	gi|189491748|ref|NP_001121636.1|	554	568	8808	11.11	3.26	10.71	10.7	60.78	18.32	20.01	11.11
46	gi|189491748|ref|NP_001121636.1|	555	569	8809	15.39	3.26	15.16	13.25	60.78	31.26	48.13	15.39
46	gi|189491748|ref|NP_001121636.1|	568	582	8810	12.25	12.25	9.57	12.89	39.99	12.22	36.77	10.17
46	gi|189491748|ref|NP_001121636.1|	569	583	8811	11.77	7.7	11.77	12.56	39.99	5.64	18.53	10.06
46	gi|189491748|ref|NP_001121636.1|	570	584	8812	10.27	7.67	15.81	12.89	39.99	4.35	10.27	10.02
46	gi|189491748|ref|NP_001121636.1|	571	585	8813	11.21	8.16	16.7	22.45	39.99	4.93	8.66	11.21
46	gi|189491748|ref|NP_001121636.1|	572	586	8814	11.38	8.19	16.7	19.41	39.99	6.95	7.98	11.38
46	gi|189491748|ref|NP_001121636.1|	573	587	8815	8.97	8.97	18.09	7.88	47.81	10.28	8.81	4.62
46	gi|189491748|ref|NP_001121636.1|	574	588	8816	8.33	4.01	19.16	8.28	47.81	11.53	8.33	2.24
46	gi|189491748|ref|NP_001121636.1|	575	589	8817	7.57	4.01	26.2	8.01	60.71	7.57	7.17	2.24
46	gi|189491748|ref|NP_001121636.1|	576	590	8818	8.96	8.96	25.52	7.8	60.71	4.46	12.35	2.24
46	gi|189491748|ref|NP_001121636.1|	577	591	8819	8.75	7.08	30.61	8.75	60.71	5.74	21.44	2.24
46	gi|189491748|ref|NP_001121636.1|	578	592	8820	19.2	10.64	32.93	19.2	60.71	7.72	27.67	2.24
46	gi|189491748|ref|NP_001121636.1|	604	618	8821	17.56	0.26	5.81	17.56	6.49	24.55	34.51	20.38
46	gi|189491748|ref|NP_001121636.1|	605	619	8822	18	0.53	6.71	18	5.81	21.62	38.98	20.38
46	gi|189491748|ref|NP_001121636.1|	623	637	8823	19.89	8.98	22.87	19.89	52.12	27.84	11.07	3.19
46	gi|189491748|ref|NP_001121636.1|	624	638	8824	11.58	8.98	23.09	21.75	58.02	11.58	11.07	3.19
46	gi|189491748|ref|NP_001121636.1|	625	639	8825	14.77	8.98	24.09	24.16	49.91	8	14.77	3.19
46	gi|189491748|ref|NP_001121636.1|	626	640	8826	18.7	8.98	20.73	25.1	47.17	5.68	18.7	3.19

Table 2

46	gi|189491748|ref|NP_001121636.1|	638	652	8827	11.53	7.76	52.15	6.08	11.53	67.43	24.2	9.44
46	gi|189491748|ref|NP_001121636.1|	639	653	8828	11.43	7.76	53.89	4.25	11.43	57.31	30.61	9.44
46	gi|189491748|ref|NP_001121636.1|	640	654	8829	12.5	7.76	61.35	4.39	12.5	57.79	34.54	9.44
46	gi|189491748|ref|NP_001121636.1|	641	655	8830	14.21	7.76	66.64	4.55	14.21	59.11	34.54	9.44
46	gi|189491748|ref|NP_001121636.1|	642	656	8831	18.99	7.76	71.8	4.75	18.99	64.97	34.54	9.44
46	gi|189491748|ref|NP_001121636.1|	675	689	8832	18.78	2.71	15.77	18.78	28.57	51.78	41.08	15.26
46	gi|189491748|ref|NP_001121636.1|	676	690	8833	19.08	2.71	19.08	16.59	55.23	42.4	32.05	15.26
46	gi|189491748|ref|NP_001121636.1|	678	692	8834	19.6	1.26	21.28	8.54	74.23	21.86	19.6	5.05
46	gi|189491748|ref|NP_001121636.1|	681	695	8835	15.2	3.02	23.41	3.39	63.03	15.2	19.33	5.05
46	gi|189491748|ref|NP_001121636.1|	682	696	8836	14.45	6.61	35.76	3.39	63.03	14.45	24.14	5.05
46	gi|189491748|ref|NP_001121636.1|	683	697	8837	15.97	10.25	39.48	3.39	63.03	15.97	24.14	5.05
46	gi|189491748|ref|NP_001121636.1|	702	716	8838	15.91	5.87	5.81	15.12	68.06	24.02	26.74	15.91
46	gi|189491748|ref|NP_001121636.1|	703	717	8839	14.94	5.85	5.48	14.94	60.82	9.88	21.62	15.91
46	gi|189491748|ref|NP_001121636.1|	704	718	8840	15.91	6.07	6.75	19.06	60.82	9.21	22.1	15.91
46	gi|189491748|ref|NP_001121636.1|	705	719	8841	15.91	7.55	7.28	20.75	60.82	9.37	26.86	15.91
46	gi|189491748|ref|NP_001121636.1|	706	720	8842	15.91	9.08	8.81	24.77	60.82	12.95	38.16	15.91
46	gi|189491748|ref|NP_001121636.1|	725	739	8843	18.55	12.2	1.48	32.2	68	16.4	27.72	18.55
46	gi|189491748|ref|NP_001121636.1|	726	740	8844	18.53	12.2	2.41	32.33	64.67	14.76	24.84	18.53
46	gi|189491748|ref|NP_001121636.1|	727	741	8845	18.55	11.97	4.01	32.47	62.58	14.94	23.85	18.55
47	gi|51479158|ref|NP_000323.2|	66	80	8846	17.63	25.11	38.58	8.86	75.22	17.63	1.38	4.01
47	gi|51479158|ref|NP_000323.2|	67	81	8847	10.77	24.13	34.88	8.95	75.22	10.77	2.79	4.01
47	gi|51479158|ref|NP_000323.2|	68	82	8848	16.02	27.25	37.23	16.02	75.22	10.91	15.92	4.01
47	gi|51479158|ref|NP_000323.2|	69	83	8849	11.59	11.59	22.4	7.49	75.22	11.36	24.38	4.01
47	gi|51479158|ref|NP_000323.2|	70	84	8850	18.15	11.59	27.96	9.14	75.22	18.15	37.85	5.42
47	gi|51479158|ref|NP_000323.2|	71	85	8851	11.59	11.59	3.17	4.91	75.22	16.24	19	5.42
47	gi|51479158|ref|NP_000323.2|	72	86	8852	11.59	11.59	3.97	5.05	75.22	14.34	19.14	8.42
47	gi|51479158|ref|NP_000323.2|	73	87	8853	10.18	11.59	4.05	5.05	59.59	10.18	24.6	8.03
47	gi|51479158|ref|NP_000323.2|	74	88	8854	10.28	11.59	4.86	8.71	55.82	10.28	25.42	6.58
47	gi|51479158|ref|NP_000323.2|	75	89	8855	11.59	11.59	5.43	9.06	52.4	14.77	25.12	8.42
47	gi|51479158|ref|NP_000323.2|	115	129	8856	14.77	39.78	21.49	19.9	7.82	14.77	13.99	9.97
47	gi|51479158|ref|NP_000323.2|	116	130	8857	19.49	42.03	22.9	19.74	7.82	11.61	19.49	9.97
47	gi|51479158|ref|NP_000323.2|	121	135	8858	10.72	35.84	2.18	10.72	7.82	24.16	14.95	0.84
47	gi|51479158|ref|NP_000323.2|	122	136	8859	12.83	35.8	2.05	10.06	17.19	12.83	35.26	0.83
47	gi|51479158|ref|NP_000323.2|	123	137	8860	10.4	11.76	1.93	9.94	18.3	10.4	40.31	0.78
47	gi|51479158|ref|NP_000323.2|	124	138	8861	9.85	10.67	2.01	9.85	18.89	8.91	40.31	0.78
47	gi|51479158|ref|NP_000323.2|	125	139	8862	9.75	10.52	2.27	9.75	25.23	8.71	51.52	0.78
47	gi|51479158|ref|NP_000323.2|	126	140	8863	12.45	12.06	3.15	16.71	32.53	12.45	58.49	1.89
47	gi|51479158|ref|NP_000323.2|	127	141	8864	17.1	11.79	4.48	17.1	42.82	24.77	65.53	1.92
47	gi|51479158|ref|NP_000323.2|	129	143	8865	18.4	29.8	0.34	18.4	10.7	53.75	82.81	7.03
47	gi|51479158|ref|NP_000323.2|	130	144	8866	16.53	35.81	0.52	16.53	11.89	51.59	83.87	7.03
47	gi|51479158|ref|NP_000323.2|	134	148	8867	17.89	32.87	0.63	6.54	22.1	17.89	19.78	6.65
47	gi|51479158|ref|NP_000323.2|	135	149	8868	12.67	34.17	0.99	6.54	22.1	15.92	12.67	7.03
47	gi|51479158|ref|NP_000323.2|	136	150	8869	10.42	10.89	2.95	6.54	42.98	14.65	10.42	8.42
47	gi|51479158|ref|NP_000323.2|	137	151	8870	8.42	10.69	4.17	6.54	44.32	13.91	7.24	8.42
47	gi|51479158|ref|NP_000323.2|	138	152	8871	8.42	12.32	5.22	7.43	48.24	14.44	4.2	8.42
47	gi|51479158|ref|NP_000323.2|	139	153	8872	12.45	12.45	7.64	16.78	50.25	21.65	3.28	8.42
47	gi|51479158|ref|NP_000323.2|	140	154	8873	17.92	12.87	15.23	19.04	59.2	33.72	3.27	17.92
47	gi|51479158|ref|NP_000323.2|	141	155	8874	16.88	16.88	11.18	20.25	66.39	42.94	16.07	11.66

Table 2

47	gi|51479158|ref|NP_000323.2|	142	156	8875	17.14	17.14	12.29	19.67	60.53	56.1	16.07	11.66
47	gi|51479158|ref|NP_000323.2|	143	157	8876	18.55	18.55	14.19	19.9	61.59	64.18	16.07	18.44
47	gi|51479158|ref|NP_000323.2|	173	187	8877	16.56	23.29	16.35	7.82	23.5	16.56	49.01	7.03
47	gi|51479158|ref|NP_000323.2|	174	188	8878	12.23	8.84	16.35	6.06	23.5	12.23	49.73	7.03
47	gi|51479158|ref|NP_000323.2|	175	189	8879	8.96	8.84	16.35	6.48	23.5	8.96	32.27	4.34
47	gi|51479158|ref|NP_000323.2|	176	190	8880	10.6	8.84	16.35	10.6	23.5	8.44	24.38	4.45
47	gi|51479158|ref|NP_000323.2|	177	191	8881	13.17	8.84	16.35	11.09	23.5	13.17	17.81	4.6
47	gi|51479158|ref|NP_000323.2|	178	192	8882	15.02	8.84	16.99	15.02	23.5	18.87	13.93	8.38
47	gi|51479158|ref|NP_000323.2|	223	237	8883	19.93	24.36	16.96	18.96	28.55	19.93	42.21	17.18
47	gi|51479158|ref|NP_000323.2|	241	255	8884	13.18	66.87	4.68	12.87	57.38	13.18	30.54	0.95
47	gi|51479158|ref|NP_000323.2|	242	256	8885	9.66	22.88	4.74	9.66	53.96	5.93	28.71	0.95
47	gi|51479158|ref|NP_000323.2|	243	257	8886	9.66	11.91	4.9	9.66	53.93	4.04	29.5	0.95
47	gi|51479158|ref|NP_000323.2|	244	258	8887	8.6	8.6	6.54	9.66	56.59	4.37	24.12	0.95
47	gi|51479158|ref|NP_000323.2|	245	259	8888	8.41	8.41	8.01	9.66	65.9	5.54	24.44	0.95
47	gi|51479158|ref|NP_000323.2|	246	260	8889	9.98	8.33	9.98	15.82	75.22	9.62	39.16	1.83
47	gi|51479158|ref|NP_000323.2|	286	300	8890	9.88	9.88	55.76	25.92	1.5	33.99	2.31	4.96
47	gi|51479158|ref|NP_000323.2|	287	301	8891	4.87	9.37	3.08	20.4	1.16	24.77	4.87	4.27
47	gi|51479158|ref|NP_000323.2|	288	302	8892	11.14	14	5.11	24.16	1.08	26.27	11.14	4.55
47	gi|51479158|ref|NP_000323.2|	289	303	8893	14.13	14.13	7.94	24.68	1.09	29.01	59.94	4.54
47	gi|51479158|ref|NP_000323.2|	420	434	8894	12.33	12.33	1.2	20.69	5.49	21.3	46.55	8.92
47	gi|51479158|ref|NP_000323.2|	421	435	8895	12.33	12.33	1.21	20.69	5.99	12.46	46.55	8.92
47	gi|51479158|ref|NP_000323.2|	422	436	8896	9.62	12.33	1.72	16.1	6.67	9.62	46.55	8.92
47	gi|51479158|ref|NP_000323.2|	423	437	8897	9.48	12.33	2.78	25.57	7.61	9.48	46.55	8.92
47	gi|51479158|ref|NP_000323.2|	424	438	8898	12.56	12.33	4.43	28.62	12.56	13.5	19.98	8.92
47	gi|51479158|ref|NP_000323.2|	425	439	8899	19.46	19.46	7.12	39.87	20.71	27.05	16.32	18.82
47	gi|51479158|ref|NP_000323.2|	426	440	8900	19.89	19.89	10.05	38.15	20.71	49.58	16.32	18.91
47	gi|51479158|ref|NP_000323.2|	428	442	8901	18.55	12.14	10.25	37.5	51.59	44.86	12.31	18.55
47	gi|51479158|ref|NP_000323.2|	429	443	8902	19.4	12.14	11.03	38.72	51.59	45.85	15.11	19.4
47	gi|51479158|ref|NP_000323.2|	430	444	8903	16.71	12.14	2.49	37.48	51.59	37.72	16.32	16.71
47	gi|51479158|ref|NP_000323.2|	449	463	8904	16.05	32.48	3.1	30.25	6.36	16.05	52.77	10.84
47	gi|51479158|ref|NP_000323.2|	450	464	8905	11.62	31.02	4.35	30.54	6.4	11.62	52.77	10.65
47	gi|51479158|ref|NP_000323.2|	451	465	8906	12.41	32.18	5.41	29.55	9.23	12.41	52.77	9.92
47	gi|51479158|ref|NP_000323.2|	452	466	8907	18.88	45.79	8.26	31.67	16.32	18.88	52.77	10.19
47	gi|51479158|ref|NP_000323.2|	458	472	8908	15.05	15.05	21.81	7.77	18.46	34.24	6.01	9.76
47	gi|51479158|ref|NP_000323.2|	459	473	8909	14.96	14.96	20.9	8.61	18.46	25.63	5.27	9.39
47	gi|51479158|ref|NP_000323.2|	460	474	8910	17.12	17.12	20.04	9.58	18.46	21.75	5.3	12.72
47	gi|51479158|ref|NP_000323.2|	461	475	8911	17.14	17.14	20.73	13	18.46	20.96	4.75	15.88
47	gi|51479158|ref|NP_000323.2|	462	476	8912	19.26	18.39	26.21	32.66	18.46	27.88	4.34	19.26
47	gi|51479158|ref|NP_000323.2|	467	481	8913	14.36	11.37	6.43	24.81	65.18	14.36	43.43	9.97
47	gi|51479158|ref|NP_000323.2|	468	482	8914	6.85	6.85	1.06	14.61	9.87	4.29	26.82	4.34
47	gi|51479158|ref|NP_000323.2|	469	483	8915	5.2	5.2	0.85	13.84	8.94	2.05	21.29	4.17
47	gi|51479158|ref|NP_000323.2|	470	484	8916	8.15	8.15	0.83	13.49	8.34	1.62	21.11	3.43
47	gi|51479158|ref|NP_000323.2|	471	485	8917	9.12	13.42	1.24	15.82	9.12	2.69	22.93	4.14
47	gi|51479158|ref|NP_000323.2|	472	486	8918	9.61	9.61	1.69	16.08	17.46	6.57	23.52	4.34
47	gi|51479158|ref|NP_000323.2|	478	492	8919	14.96	2.19	9.49	23.34	33.88	28.91	8.32	14.96
47	gi|51479158|ref|NP_000323.2|	479	493	8920	19.23	2.19	12.64	23.81	32.24	28.21	8.32	19.23
47	gi|51479158|ref|NP_000323.2|	480	494	8921	18.88	2.19	15.16	23.55	32.14	25.49	8.32	18.88
47	gi|51479158|ref|NP_000323.2|	503	517	8922	18.42	2.41	24.44	19.07	18.42	12.05	23.87	13.69

Table 2

47	gi|51479158|ref|NP_000323.2|	504	518	8923	15.77	2.41	23.77	18.68	15.77	6.78	23.87	13.3
47	gi|51479158|ref|NP_000323.2|	509	523	8924	17.34	17.34	0.9	21.09	6.53	30.28	44.28	13.66
47	gi|51479158|ref|NP_000323.2|	510	524	8925	19.31	41.63	1.31	26	7.08	19.31	46.35	13.66
47	gi|51479158|ref|NP_000323.2|	511	525	8926	16.1	41.07	2.05	26	7.92	16.1	47.69	13.66
47	gi|51479158|ref|NP_000323.2|	512	526	8927	15.18	39.79	3.23	25.4	9.17	15.18	37.43	13.66
47	gi|51479158|ref|NP_000323.2|	513	527	8928	18.86	52.94	4.63	25.4	14.81	18.86	37.43	13.66
47	gi|51479158|ref|NP_000323.2|	517	531	8929	19.29	6.18	19.29	38.37	31.73	16.37	52.89	7.38
47	gi|51479158|ref|NP_000323.2|	518	532	8930	19.29	6.18	19.29	46	30	14.08	52.89	7.36
47	gi|51479158|ref|NP_000323.2|	519	533	8931	19.29	6.18	19.29	44.81	26.65	12.31	52.47	7.33
47	gi|51479158|ref|NP_000323.2|	520	534	8932	19.29	6.18	19.29	47.11	42.33	14.72	52.89	9.35
47	gi|51479158|ref|NP_000323.2|	533	547	8933	16.02	16.02	31.67	7.47	23.21	19.98	6.61	5.42
47	gi|51479158|ref|NP_000323.2|	534	548	8934	10.93	10.93	18.73	7.47	23.21	11.04	7.78	5.42
47	gi|51479158|ref|NP_000323.2|	535	549	8935	8.6	10.85	21.68	7.47	23.21	8.6	8.02	5.42
47	gi|51479158|ref|NP_000323.2|	536	550	8936	9.87	10.76	24.1	7.47	23.21	8.71	9.87	5.42
47	gi|51479158|ref|NP_000323.2|	537	551	8937	12.88	12.88	28.4	9.9	23.21	12.45	21.2	6.15
47	gi|51479158|ref|NP_000323.2|	538	552	8938	10.19	17.13	34.34	10.19	3.23	26.58	8.74	5.82
47	gi|51479158|ref|NP_000323.2|	542	556	8939	11.16	8.84	16.65	16.68	1.91	29.52	0.69	11.16
47	gi|51479158|ref|NP_000323.2|	543	557	8940	14.56	8.84	15.68	14.56	2.47	20.31	0.77	16.57
47	gi|51479158|ref|NP_000323.2|	544	558	8941	14.41	8.84	19.07	14.41	2.51	18.4	0.99	16.88
47	gi|51479158|ref|NP_000323.2|	545	559	8942	19.59	8.84	23.29	17.85	33.49	21.26	1.28	19.59
47	gi|51479158|ref|NP_000323.2|	546	560	8943	19.99	6.07	23.7	16.91	36.53	24.97	1.77	19.99
47	gi|51479158|ref|NP_000323.2|	550	564	8944	11.11	3.26	6.07	20.83	45.76	33.89	5.31	11.11
47	gi|51479158|ref|NP_000323.2|	551	565	8945	9.79	3.26	5.79	9.79	45.76	18.57	5.08	11.11
47	gi|51479158|ref|NP_000323.2|	552	566	8946	9.62	3.26	5.91	9.62	45.76	12.2	4.93	11.11
47	gi|51479158|ref|NP_000323.2|	553	567	8947	11.11	3.26	7.47	10.58	68.69	14.49	14.19	11.11
47	gi|51479158|ref|NP_000323.2|	554	568	8948	11.11	3.26	10.71	10.7	60.78	18.32	20.01	11.11
47	gi|51479158|ref|NP_000323.2|	555	569	8949	15.39	3.26	15.16	13.25	60.78	31.26	48.13	15.39
47	gi|51479158|ref|NP_000323.2|	568	582	8950	12.25	12.25	9.57	12.89	39.99	12.22	36.77	10.17
47	gi|51479158|ref|NP_000323.2|	569	583	8951	11.77	7.7	11.77	12.56	39.99	5.64	18.53	10.06
47	gi|51479158|ref|NP_000323.2|	570	584	8952	10.27	7.67	15.81	12.89	39.99	4.35	10.27	10.02
47	gi|51479158|ref|NP_000323.2|	571	585	8953	11.21	8.16	16.7	22.45	39.99	4.93	8.66	11.21
47	gi|51479158|ref|NP_000323.2|	572	586	8954	11.38	8.19	16.7	19.41	39.99	6.95	7.98	11.38
47	gi|51479158|ref|NP_000323.2|	573	587	8955	8.97	8.97	18.09	7.88	47.81	10.28	8.81	4.62
47	gi|51479158|ref|NP_000323.2|	574	588	8956	8.33	4.01	19.16	8.28	47.81	11.53	8.33	2.24
47	gi|51479158|ref|NP_000323.2|	575	589	8957	7.57	4.01	26.2	8.01	60.71	7.57	7.17	2.24
47	gi|51479158|ref|NP_000323.2|	576	590	8958	8.96	8.96	25.52	7.8	60.71	4.46	12.35	2.24
47	gi|51479158|ref|NP_000323.2|	577	591	8959	8.75	7.08	30.61	8.75	60.71	5.74	21.44	2.24
47	gi|51479158|ref|NP_000323.2|	578	592	8960	19.2	10.64	32.93	19.2	60.71	7.72	27.67	2.24
47	gi|51479158|ref|NP_000323.2|	604	618	8961	17.56	0.26	5.81	17.56	6.49	24.55	34.51	20.38
47	gi|51479158|ref|NP_000323.2|	605	619	8962	18	0.53	6.71	18	5.81	21.62	38.98	20.38
47	gi|51479158|ref|NP_000323.2|	623	637	8963	19.89	8.98	22.87	19.89	52.12	27.84	11.07	3.19
47	gi|51479158|ref|NP_000323.2|	624	638	8964	11.58	8.98	23.09	21.75	58.02	11.58	11.07	3.19
47	gi|51479158|ref|NP_000323.2|	625	639	8965	14.77	8.98	24.09	24.16	49.91	8	14.77	3.19
47	gi|51479158|ref|NP_000323.2|	626	640	8966	18.7	8.98	20.73	25.1	47.17	5.68	18.7	3.19
47	gi|51479158|ref|NP_000323.2|	638	652	8967	11.53	7.76	52.15	6.08	11.53	67.43	24.2	9.44
47	gi|51479158|ref|NP_000323.2|	639	653	8968	11.43	7.76	53.89	4.25	11.43	57.31	30.61	9.44
47	gi|51479158|ref|NP_000323.2|	640	654	8969	12.5	7.76	61.35	4.39	12.5	57.79	34.54	9.44
47	gi|51479158|ref|NP_000323.2|	641	655	8970	14.21	7.76	66.64	4.55	14.21	59.11	34.54	9.44

Table 2

47	gi|51479158|ref|NP_000323.2|	642	656	8971	18.99	7.76	71.8	4.75	18.99	64.97	34.54	9.44
47	gi|51479158|ref|NP_000323.2|	675	689	8972	18.78	2.71	15.77	18.78	28.57	51.78	41.08	15.26
47	gi|51479158|ref|NP_000323.2|	676	690	8973	19.08	2.71	19.08	16.59	55.23	42.4	32.05	15.26
47	gi|51479158|ref|NP_000323.2|	678	692	8974	19.6	1.26	21.28	8.54	74.23	21.86	19.6	5.05
47	gi|51479158|ref|NP_000323.2|	681	695	8975	15.2	3.02	23.41	3.39	63.03	15.2	19.33	5.05
47	gi|51479158|ref|NP_000323.2|	682	696	8976	14.45	6.61	35.76	3.39	63.03	14.45	24.14	5.05
47	gi|51479158|ref|NP_000323.2|	683	697	8977	15.97	10.25	39.48	3.39	63.03	15.97	24.14	5.05
47	gi|51479158|ref|NP_000323.2|	702	716	8978	15.91	5.87	5.81	15.12	68.06	24.02	26.74	15.91
47	gi|51479158|ref|NP_000323.2|	703	717	8979	14.94	5.85	5.48	14.94	60.82	9.88	21.62	15.91
47	gi|51479158|ref|NP_000323.2|	704	718	8980	15.91	6.07	6.75	19.06	60.82	9.21	22.1	15.91
47	gi|51479158|ref|NP_000323.2|	705	719	8981	15.91	7.55	7.28	20.75	60.82	9.37	26.86	15.91
47	gi|51479158|ref|NP_000323.2|	706	720	8982	15.91	9.08	8.81	24.77	60.82	12.95	38.16	15.91
47	gi|51479158|ref|NP_000323.2|	725	739	8983	18.55	12.2	1.48	32.2	68	16.4	27.72	18.55
47	gi|51479158|ref|NP_000323.2|	726	740	8984	18.53	12.2	2.41	32.33	64.67	14.76	24.84	18.53
47	gi|51479158|ref|NP_000323.2|	727	741	8985	18.55	11.97	4.01	32.47	62.58	14.94	23.85	18.55
48	gi|529662|emb|CAA55793.1|	66	80	8986	17.63	25.11	38.58	8.86	75.22	17.63	1.38	4.01
48	gi|529662|emb|CAA55793.1|	67	81	8987	10.77	24.13	34.88	8.95	75.22	10.77	2.79	4.01
48	gi|529662|emb|CAA55793.1|	68	82	8988	16.02	27.25	37.23	16.02	75.22	10.91	15.92	4.01
48	gi|529662|emb|CAA55793.1|	69	83	8989	11.59	11.59	22.4	7.49	75.22	11.36	24.38	4.01
48	gi|529662|emb|CAA55793.1|	70	84	8990	18.15	11.59	27.96	9.14	75.22	18.15	37.85	5.42
48	gi|529662|emb|CAA55793.1|	71	85	8991	11.59	11.59	3.17	4.91	75.22	16.24	19	5.42
48	gi|529662|emb|CAA55793.1|	72	86	8992	11.59	11.59	3.97	5.05	75.22	14.34	19.14	8.42
48	gi|529662|emb|CAA55793.1|	73	87	8993	10.18	11.59	4.05	5.05	59.59	10.18	24.6	8.03
48	gi|529662|emb|CAA55793.1|	74	88	8994	10.28	11.59	4.86	8.71	55.82	10.28	25.42	6.58
48	gi|529662|emb|CAA55793.1|	75	89	8995	11.59	11.59	5.43	9.06	52.4	14.77	25.12	8.42
48	gi|529662|emb|CAA55793.1|	115	129	8996	14.77	39.78	21.49	19.9	7.82	14.77	13.99	9.97
48	gi|529662|emb|CAA55793.1|	116	130	8997	19.49	42.03	22.9	19.74	7.82	11.61	19.49	9.97
48	gi|529662|emb|CAA55793.1|	121	135	8998	10.72	35.84	2.18	10.72	7.82	24.16	14.95	0.84
48	gi|529662|emb|CAA55793.1|	122	136	8999	12.83	35.8	2.05	10.06	17.19	12.83	35.26	0.83
48	gi|529662|emb|CAA55793.1|	123	137	9000	10.4	11.76	1.93	9.94	18.3	10.4	40.31	0.78
48	gi|529662|emb|CAA55793.1|	124	138	9001	9.85	10.67	2.01	9.85	18.89	8.91	40.31	0.78
48	gi|529662|emb|CAA55793.1|	125	139	9002	9.75	10.52	2.27	9.75	25.23	8.71	51.52	0.78
48	gi|529662|emb|CAA55793.1|	126	140	9003	12.45	12.06	3.15	16.71	32.53	12.45	58.49	1.89
48	gi|529662|emb|CAA55793.1|	127	141	9004	17.1	11.79	4.48	17.1	42.82	24.77	65.53	1.92
48	gi|529662|emb|CAA55793.1|	129	143	9005	18.4	29.8	0.34	18.4	10.7	53.75	82.81	7.03
48	gi|529662|emb|CAA55793.1|	130	144	9006	16.53	35.81	0.52	16.53	11.89	51.59	83.87	7.03
48	gi|529662|emb|CAA55793.1|	134	148	9007	17.89	32.87	0.63	6.54	22.1	17.89	19.78	6.65
48	gi|529662|emb|CAA55793.1|	135	149	9008	12.67	34.17	0.99	6.54	22.1	15.92	12.67	7.03
48	gi|529662|emb|CAA55793.1|	136	150	9009	10.42	10.89	2.95	6.54	42.98	14.65	10.42	8.42
48	gi|529662|emb|CAA55793.1|	137	151	9010	8.42	10.69	4.17	6.54	44.32	13.91	7.24	8.42
48	gi|529662|emb|CAA55793.1|	138	152	9011	8.42	12.32	5.22	7.43	48.24	14.44	4.2	8.42
48	gi|529662|emb|CAA55793.1|	139	153	9012	12.45	12.45	7.64	16.78	50.25	21.65	3.28	8.42
48	gi|529662|emb|CAA55793.1|	140	154	9013	17.92	12.87	15.23	19.04	59.2	33.72	3.27	17.92
48	gi|529662|emb|CAA55793.1|	141	155	9014	16.88	16.88	11.18	20.25	66.39	42.94	16.07	11.66
48	gi|529662|emb|CAA55793.1|	142	156	9015	17.14	17.14	12.29	19.67	60.53	56.1	16.07	11.66
48	gi|529662|emb|CAA55793.1|	143	157	9016	18.55	18.55	14.19	19.9	61.59	64.18	16.07	18.44
48	gi|529662|emb|CAA55793.1|	173	187	9017	16.56	23.29	16.35	7.82	23.5	16.56	49.01	7.03
48	gi|529662|emb|CAA55793.1|	174	188	9018	12.23	8.84	16.35	6.06	23.5	12.23	49.73	7.03

Table 2

48	gi|529662|emb|CAA55793.1|	175	189	9019	8.96	8.84	16.35	6.48	23.5	8.96	32.27	4.34
48	gi|529662|emb|CAA55793.1|	176	190	9020	10.6	8.84	16.35	10.6	23.5	8.44	24.38	4.45
48	gi|529662|emb|CAA55793.1|	177	191	9021	13.17	8.84	16.35	11.09	23.5	13.17	17.81	4.6
48	gi|529662|emb|CAA55793.1|	178	192	9022	15.02	8.84	16.99	15.02	23.5	18.87	13.93	8.38
48	gi|529662|emb|CAA55793.1|	224	238	9023	19.93	24.36	16.96	18.96	28.55	19.93	42.21	17.18
48	gi|529662|emb|CAA55793.1|	242	256	9024	13.18	66.87	4.68	12.87	57.38	13.18	30.54	0.95
48	gi|529662|emb|CAA55793.1|	243	257	9025	9.66	22.88	4.74	9.66	53.96	5.93	28.71	0.95
48	gi|529662|emb|CAA55793.1|	244	258	9026	9.66	11.91	4.9	9.66	53.93	4.04	29.5	0.95
48	gi|529662|emb|CAA55793.1|	245	259	9027	8.6	8.6	6.54	9.66	56.59	4.37	24.12	0.95
48	gi|529662|emb|CAA55793.1|	246	260	9028	8.41	8.41	8.01	9.66	65.9	5.54	24.44	0.95
48	gi|529662|emb|CAA55793.1|	247	261	9029	9.98	8.33	9.98	15.82	75.22	9.62	39.16	1.83
48	gi|529662|emb|CAA55793.1|	287	301	9030	9.88	9.88	55.76	25.92	1.5	33.99	2.31	4.96
48	gi|529662|emb|CAA55793.1|	288	302	9031	4.87	9.37	3.08	20.4	1.16	24.77	4.87	4.27
48	gi|529662|emb|CAA55793.1|	289	303	9032	11.14	14	5.11	24.16	1.08	26.27	11.14	4.55
48	gi|529662|emb|CAA55793.1|	290	304	9033	14.13	14.13	7.94	24.68	1.09	29.01	59.94	4.54
48	gi|529662|emb|CAA55793.1|	421	435	9034	12.33	12.33	1.2	20.69	5.49	21.3	46.55	8.92
48	gi|529662|emb|CAA55793.1|	422	436	9035	12.33	12.33	1.21	20.69	5.99	12.46	46.55	8.92
48	gi|529662|emb|CAA55793.1|	423	437	9036	9.62	12.33	1.72	16.1	6.67	9.62	46.55	8.92
48	gi|529662|emb|CAA55793.1|	424	438	9037	9.48	12.33	2.78	25.57	7.61	9.48	46.55	8.92
48	gi|529662|emb|CAA55793.1|	425	439	9038	12.56	12.33	4.43	28.62	12.56	13.5	19.98	8.92
48	gi|529662|emb|CAA55793.1|	426	440	9039	19.46	19.46	7.12	39.87	20.71	27.05	16.32	18.82
48	gi|529662|emb|CAA55793.1|	427	441	9040	19.89	19.89	10.05	38.15	20.71	49.58	16.32	18.91
48	gi|529662|emb|CAA55793.1|	429	443	9041	18.55	12.14	10.25	37.5	51.59	44.86	12.31	18.55
48	gi|529662|emb|CAA55793.1|	430	444	9042	19.4	12.14	11.03	38.72	51.59	45.85	15.11	19.4
48	gi|529662|emb|CAA55793.1|	431	445	9043	16.71	12.14	2.49	37.48	51.59	37.72	16.32	16.71
48	gi|529662|emb|CAA55793.1|	450	464	9044	16.05	32.48	3.1	30.25	6.36	16.05	52.77	10.84
48	gi|529662|emb|CAA55793.1|	451	465	9045	11.62	31.02	4.35	30.54	6.4	11.62	52.77	10.65
48	gi|529662|emb|CAA55793.1|	452	466	9046	12.41	32.18	5.41	29.55	9.23	12.41	52.77	9.92
48	gi|529662|emb|CAA55793.1|	453	467	9047	18.88	45.79	8.26	31.67	16.32	18.88	52.77	10.19
48	gi|529662|emb|CAA55793.1|	459	473	9048	15.05	15.05	21.81	7.77	18.46	34.24	6.01	9.76
48	gi|529662|emb|CAA55793.1|	460	474	9049	14.96	14.96	20.9	8.61	18.46	25.63	5.27	9.39
48	gi|529662|emb|CAA55793.1|	461	475	9050	17.12	17.12	20.04	9.58	18.46	21.75	5.3	12.72
48	gi|529662|emb|CAA55793.1|	462	476	9051	17.14	17.14	20.73	13	18.46	20.96	4.75	15.88
48	gi|529662|emb|CAA55793.1|	463	477	9052	19.26	18.39	26.21	32.66	18.46	27.88	4.34	19.26
48	gi|529662|emb|CAA55793.1|	468	482	9053	14.36	11.37	6.43	24.81	65.18	14.36	43.43	9.97
48	gi|529662|emb|CAA55793.1|	469	483	9054	6.85	6.85	1.06	14.61	9.87	4.29	26.82	4.34
48	gi|529662|emb|CAA55793.1|	470	484	9055	5.2	5.2	0.85	13.84	8.94	2.05	21.29	4.17
48	gi|529662|emb|CAA55793.1|	471	485	9056	8.15	8.15	0.83	13.49	8.34	1.62	21.11	3.43
48	gi|529662|emb|CAA55793.1|	472	486	9057	9.12	13.42	1.24	15.82	9.12	2.69	22.93	4.14
48	gi|529662|emb|CAA55793.1|	473	487	9058	9.61	9.61	1.69	16.08	17.46	6.57	23.52	4.34
48	gi|529662|emb|CAA55793.1|	479	493	9059	14.96	2.19	9.49	23.34	33.88	28.91	8.32	14.96
48	gi|529662|emb|CAA55793.1|	480	494	9060	19.23	2.19	12.64	23.81	32.24	28.21	8.32	19.23
48	gi|529662|emb|CAA55793.1|	481	495	9061	18.88	2.19	15.16	23.55	32.14	25.49	8.32	18.88
48	gi|529662|emb|CAA55793.1|	504	518	9062	18.42	2.41	24.44	19.07	18.42	12.05	23.87	13.69
48	gi|529662|emb|CAA55793.1|	505	519	9063	15.77	2.41	23.77	18.68	15.77	6.78	23.87	13.3
48	gi|529662|emb|CAA55793.1|	510	524	9064	17.34	17.34	0.9	21.09	6.53	30.28	44.28	13.66
48	gi|529662|emb|CAA55793.1|	511	525	9065	19.31	41.63	1.31	26	7.08	19.31	46.35	13.66
48	gi|529662|emb|CAA55793.1|	512	526	9066	16.1	41.07	2.05	26	7.92	16.1	47.69	13.66

Table 2

48	gi|529662|emb|CAA55793.1|	513	527	9067	15.18	39.79	3.23	25.4	9.17	15.18	37.43	13.66
48	gi|529662|emb|CAA55793.1|	514	528	9068	18.86	52.94	4.63	25.4	14.81	18.86	37.43	13.66
48	gi|529662|emb|CAA55793.1|	518	532	9069	19.29	6.18	19.29	38.37	31.73	16.37	52.89	7.38
48	gi|529662|emb|CAA55793.1|	519	533	9070	19.29	6.18	19.29	46	30	14.08	52.89	7.36
48	gi|529662|emb|CAA55793.1|	520	534	9071	19.29	6.18	19.29	44.81	26.65	12.31	52.47	7.33
48	gi|529662|emb|CAA55793.1|	521	535	9072	19.29	6.18	19.29	47.11	42.33	14.72	52.89	9.35
48	gi|529662|emb|CAA55793.1|	534	548	9073	16.02	16.02	31.67	7.47	23.21	19.98	6.61	5.42
48	gi|529662|emb|CAA55793.1|	535	549	9074	10.93	10.93	18.73	7.47	23.21	11.04	7.78	5.42
48	gi|529662|emb|CAA55793.1|	536	550	9075	8.6	10.85	21.68	7.47	23.21	8.6	8.02	5.42
48	gi|529662|emb|CAA55793.1|	537	551	9076	9.87	10.76	24.1	7.47	23.21	8.71	9.87	5.42
48	gi|529662|emb|CAA55793.1|	538	552	9077	12.88	12.88	28.4	9.9	23.21	12.45	21.2	6.15
48	gi|529662|emb|CAA55793.1|	539	553	9078	10.19	17.13	34.34	10.19	3.23	26.58	8.74	5.82
48	gi|529662|emb|CAA55793.1|	543	557	9079	11.16	8.84	16.65	16.68	1.91	29.52	0.69	11.16
48	gi|529662|emb|CAA55793.1|	544	558	9080	14.56	8.84	15.68	14.56	2.47	20.31	0.77	16.57
48	gi|529662|emb|CAA55793.1|	545	559	9081	14.41	8.84	19.07	14.41	2.51	18.4	0.99	16.88
48	gi|529662|emb|CAA55793.1|	546	560	9082	19.59	8.84	23.29	17.85	33.49	21.26	1.28	19.59
48	gi|529662|emb|CAA55793.1|	547	561	9083	19.99	6.07	23.7	16.91	36.53	24.97	1.77	19.99
48	gi|529662|emb|CAA55793.1|	551	565	9084	11.11	3.26	6.07	20.83	45.76	33.89	5.31	11.11
48	gi|529662|emb|CAA55793.1|	552	566	9085	9.79	3.26	5.79	9.79	45.76	18.57	5.08	11.11
48	gi|529662|emb|CAA55793.1|	553	567	9086	9.62	3.26	5.91	9.62	45.76	12.2	4.93	11.11
48	gi|529662|emb|CAA55793.1|	554	568	9087	11.11	3.26	7.47	10.58	68.69	14.49	14.19	11.11
48	gi|529662|emb|CAA55793.1|	555	569	9088	11.11	3.26	10.71	10.7	60.78	18.32	20.01	11.11
48	gi|529662|emb|CAA55793.1|	556	570	9089	15.39	3.26	15.16	13.25	60.78	31.26	48.13	15.39
48	gi|529662|emb|CAA55793.1|	569	583	9090	12.25	12.25	9.57	12.89	39.99	12.22	36.77	10.17
48	gi|529662|emb|CAA55793.1|	570	584	9091	11.77	7.7	11.77	12.56	39.99	5.64	18.53	10.06
48	gi|529662|emb|CAA55793.1|	571	585	9092	10.27	7.67	15.81	12.89	39.99	4.35	10.27	10.02
48	gi|529662|emb|CAA55793.1|	572	586	9093	11.21	8.16	16.7	22.45	39.99	4.93	8.66	11.21
48	gi|529662|emb|CAA55793.1|	573	587	9094	11.38	8.19	16.7	19.41	39.99	6.95	7.98	11.38
48	gi|529662|emb|CAA55793.1|	574	588	9095	8.97	8.97	18.09	7.88	47.81	10.28	8.81	4.62
48	gi|529662|emb|CAA55793.1|	575	589	9096	8.33	4.01	19.16	8.28	47.81	11.53	8.33	2.24
48	gi|529662|emb|CAA55793.1|	576	590	9097	7.57	4.01	26.2	8.01	60.71	7.57	7.17	2.24
48	gi|529662|emb|CAA55793.1|	577	591	9098	8.96	8.96	25.52	7.8	60.71	4.46	12.35	2.24
48	gi|529662|emb|CAA55793.1|	578	592	9099	8.75	7.08	30.61	8.75	60.71	5.74	21.44	2.24
48	gi|529662|emb|CAA55793.1|	579	593	9100	19.2	10.64	32.93	19.2	60.71	7.72	27.67	2.24
48	gi|529662|emb|CAA55793.1|	605	619	9101	17.56	0.26	5.81	17.56	6.49	24.55	34.51	20.38
48	gi|529662|emb|CAA55793.1|	606	620	9102	18	0.53	6.71	18	5.81	21.62	38.98	20.38
48	gi|529662|emb|CAA55793.1|	624	638	9103	19.89	8.98	22.87	19.89	52.12	27.84	11.07	3.19
48	gi|529662|emb|CAA55793.1|	625	639	9104	11.58	8.98	23.09	21.75	58.02	11.58	11.07	3.19
48	gi|529662|emb|CAA55793.1|	626	640	9105	14.77	8.98	24.09	24.16	49.91	8	14.77	3.19
48	gi|529662|emb|CAA55793.1|	627	641	9106	18.7	8.98	20.73	25.1	47.17	5.68	18.7	3.19
48	gi|529662|emb|CAA55793.1|	639	653	9107	11.53	7.76	52.15	6.08	11.53	67.43	24.2	9.44
48	gi|529662|emb|CAA55793.1|	640	654	9108	11.43	7.76	53.89	4.25	11.43	57.31	30.61	9.44
48	gi|529662|emb|CAA55793.1|	641	655	9109	12.5	7.76	61.35	4.39	12.5	57.79	34.54	9.44
48	gi|529662|emb|CAA55793.1|	642	656	9110	14.21	7.76	66.64	4.55	14.21	59.11	34.54	9.44
48	gi|529662|emb|CAA55793.1|	643	657	9111	18.99	7.76	71.8	4.75	18.99	64.97	34.54	9.44
48	gi|529662|emb|CAA55793.1|	676	690	9112	18.78	2.71	15.77	18.78	28.57	51.78	41.08	15.26
48	gi|529662|emb|CAA55793.1|	677	691	9113	19.08	2.71	19.08	16.59	55.23	42.4	32.05	15.26
48	gi|529662|emb|CAA55793.1|	679	693	9114	19.6	1.26	21.28	8.54	74.23	21.86	19.6	5.05

Table 2

48	gi|529662|emb|CAA55793.1|	682	696	9115	15.2	3.02	23.41	3.39	63.03	15.2	19.33	5.05
48	gi|529662|emb|CAA55793.1|	683	697	9116	14.45	6.61	35.76	3.39	63.03	14.45	24.14	5.05
48	gi|529662|emb|CAA55793.1|	684	698	9117	15.97	10.25	39.48	3.39	63.03	15.97	24.14	5.05
48	gi|529662|emb|CAA55793.1|	703	717	9118	15.91	5.87	5.81	15.12	68.06	24.02	26.74	15.91
48	gi|529662|emb|CAA55793.1|	704	718	9119	14.94	5.85	5.48	14.94	60.82	9.88	21.62	15.91
48	gi|529662|emb|CAA55793.1|	705	719	9120	15.91	6.07	6.75	19.06	60.82	9.21	22.1	15.91
48	gi|529662|emb|CAA55793.1|	706	720	9121	15.91	7.55	7.28	20.75	60.82	9.37	26.86	15.91
48	gi|529662|emb|CAA55793.1|	707	721	9122	15.91	9.08	8.81	24.77	60.82	12.95	38.16	15.91
48	gi|529662|emb|CAA55793.1|	726	740	9123	18.55	12.2	1.48	32.2	68	16.4	27.72	18.55
48	gi|529662|emb|CAA55793.1|	727	741	9124	18.53	12.2	2.41	32.33	64.67	14.76	24.84	18.53
48	gi|529662|emb|CAA55793.1|	728	742	9125	18.55	11.97	4.01	32.47	62.58	14.94	23.85	18.55
49	gi|1679684|gb|AAB19200.1|	24	38	9126	17.72	6.8	54.13	34.2	36.47	17.72	17.59	1.34
49	gi|1679684|gb|AAB19200.1|	81	95	9127	13.26	6.62	10.5	31.67	23.73	13.26	83.87	4.46
49	gi|1679684|gb|AAB19200.1|	82	96	9128	10.5	6.62	10.5	32.26	22.77	7.08	83.87	4.61
49	gi|1679684|gb|AAB19200.1|	83	97	9129	10.5	6.62	10.5	34.16	20.19	3.57	82.01	5.04
49	gi|1679684|gb|AAB19200.1|	84	98	9130	10.5	6.62	10.5	36.5	20.43	3.98	80.68	6.8
49	gi|1679684|gb|AAB19200.1|	85	99	9131	10.5	6.62	10.5	22.46	26.1	4.99	65.41	6.96
49	gi|1679684|gb|AAB19200.1|	86	100	9132	17.63	12.59	15.16	27.08	32.76	9.69	60.45	17.63
49	gi|1679684|gb|AAB19200.1|	99	113	9133	8.67	4.92	27.37	4.06	32.86	60.23	8.67	2.32
49	gi|1679684|gb|AAB19200.1|	100	114	9134	8.67	5.22	27.37	4.19	35.15	54.25	8.67	2.44
49	gi|1679684|gb|AAB19200.1|	101	115	9135	8.67	4.76	27.37	4.3	38.81	52.15	8.67	2.53
49	gi|1679684|gb|AAB19200.1|	102	116	9136	8.67	4.74	50.47	0.92	52.35	36.66	8.67	2.48
49	gi|1679684|gb|AAB19200.1|	103	117	9137	8.67	5.26	50.47	1.15	63.55	34.38	8.67	2.69
49	gi|1679684|gb|AAB19200.1|	104	118	9138	9.68	9.68	50.47	1.35	69.87	38.08	8.67	6.74
49	gi|1679684|gb|AAB19200.1|	105	119	9139	10.33	10.33	68.64	1.55	74.68	42.42	8.67	6.9
49	gi|1679684|gb|AAB19200.1|	252	266	9140	13.65	5.11	25.59	23.54	6.8	13.65	25.68	1.4
49	gi|1679684|gb|AAB19200.1|	253	267	9141	7.29	7.29	22.31	20.6	6.67	6.08	25.94	1.04
49	gi|1679684|gb|AAB19200.1|	254	268	9142	7.26	7.26	9.25	19.82	6.8	4.07	53.19	0.72
49	gi|1679684|gb|AAB19200.1|	255	269	9143	6.07	3.29	11.57	6.07	6.8	2.53	37.2	0.57
49	gi|1679684|gb|AAB19200.1|	256	270	9144	3.29	3.29	6.86	6.07	0.68	1.97	34.73	1
49	gi|1679684|gb|AAB19200.1|	257	271	9145	3.67	3.67	7.19	5.76	1.71	1.88	27.09	1.4
49	gi|1679684|gb|AAB19200.1|	258	272	9146	3.67	3.67	7.19	5.8	1.72	2.97	17.44	1.4
49	gi|1679684|gb|AAB19200.1|	259	273	9147	4.59	1.34	7.19	8.54	2.03	4.5	4.59	9.28
49	gi|1679684|gb|AAB19200.1|	260	274	9148	5.05	5.05	7.19	8.99	2.34	4.1	3.56	9.12
49	gi|1679684|gb|AAB19200.1|	261	275	9149	5.06	5.06	6.79	1.93	2.29	5.21	2.72	5.24
49	gi|1679684|gb|AAB19200.1|	262	276	9150	5.02	22.13	7.19	0.99	2.4	9.2	3.31	5.02
49	gi|1679684|gb|AAB19200.1|	263	277	9151	9.66	22.11	17.89	1.02	12.33	9.66	4.42	5.23
49	gi|1679684|gb|AAB19200.1|	264	278	9152	6.44	0.59	22.82	0.99	12.33	8.1	6.44	3.4
49	gi|1679684|gb|AAB19200.1|	265	279	9153	8.48	0.59	12.76	1.02	53.57	8.48	10.65	3.15
49	gi|1679684|gb|AAB19200.1|	266	280	9154	12.07	0.98	12.76	2.34	56.18	12.07	25.51	5.79
49	gi|1679684|gb|AAB19200.1|	267	281	9155	12.76	0.98	12.76	4.98	56.18	18.6	39.55	5.79
49	gi|1679684|gb|AAB19200.1|	268	282	9156	12.76	3.31	12.76	10.52	56.18	26.26	40.62	5.79
49	gi|1679684|gb|AAB19200.1|	288	302	9157	18.17	16.15	18.17	11.51	56.01	47.4	61.7	8.42
49	gi|1679684|gb|AAB19200.1|	289	303	9158	16.97	15.31	16.97	10.98	56.01	42.36	61.35	8.42
49	gi|1679684|gb|AAB19200.1|	290	304	9159	17.32	17.32	14.64	10.98	35.21	42.54	67.42	12.86
49	gi|1679684|gb|AAB19200.1|	291	305	9160	17.34	17.32	17.34	12.2	36.62	46.76	71.34	12.86
49	gi|1679684|gb|AAB19200.1|	298	312	9161	16.67	0.53	68.55	42.71	8.03	16.67	35.85	2.05
49	gi|1679684|gb|AAB19200.1|	299	313	9162	17.34	0.53	71.42	43.4	7.51	17.34	34.44	2.04

Table 2

49	gi|1679684|gb|AAB19200.1|	317	331	9163	18.35	10.92	53.53	18.35	18.67	56.19	18.08	17.74
49	gi|1679684|gb|AAB19200.1|	318	332	9164	18.2	10.92	57.05	18.2	18.67	51.3	18.08	14.67
49	gi|1679684|gb|AAB19200.1|	319	333	9165	18.26	10.92	61.71	18.26	18.67	55.59	18.08	14.76
49	gi|1679684|gb|AAB19200.1|	320	334	9166	18.71	10.92	58.83	26.64	18.67	61.82	18.22	18.71
49	gi|1679684|gb|AAB19200.1|	321	335	9167	18.52	10.92	33.69	7.1	18.52	60.33	19.02	16.83
49	gi|1679684|gb|AAB19200.1|	322	336	9168	18.02	14.98	23.16	6.54	16.48	53.36	24.34	18.02
49	gi|1679684|gb|AAB19200.1|	323	337	9169	15.8	11.71	23.07	6.15	7.87	43.27	31.18	15.8
49	gi|1679684|gb|AAB19200.1|	324	338	9170	17.32	17.32	32.05	6.18	8.26	40.05	35.76	15.85
49	gi|1679684|gb|AAB19200.1|	325	339	9171	19.73	17.32	33.53	6.87	9.52	38.74	47.51	19.73
49	gi|1679684|gb|AAB19200.1|	329	343	9172	18.87	5.79	42.67	48.7	18.64	61.26	18.87	12.38
49	gi|1679684|gb|AAB19200.1|	330	344	9173	18.64	4.41	42.67	29.69	18.64	61.58	13.12	12.24
49	gi|1679684|gb|AAB19200.1|	331	345	9174	18.64	4.46	47.17	29.94	18.64	59.99	10.59	12.33
49	gi|1679684|gb|AAB19200.1|	333	347	9175	13.09	3.67	47.38	9.15	20.84	37.41	13.09	3.89
49	gi|1679684|gb|AAB19200.1|	334	348	9176	18.39	3.67	52.62	9.32	19.87	25.64	18.39	3.68
49	gi|1679684|gb|AAB19200.1|	335	349	9177	19.52	3.67	59.91	10.16	19.52	20.57	31.38	8.92
49	gi|1679684|gb|AAB19200.1|	405	419	9178	15.12	7.72	12.29	13.33	38.29	51.36	69.29	15.12
49	gi|1679684|gb|AAB19200.1|	406	420	9179	15.2	7.72	14.35	13.61	35.51	46.78	69.29	15.2
49	gi|1679684|gb|AAB19200.1|	408	422	9180	16.22	7.72	16.22	7.55	17.16	32.74	69.29	2.06
49	gi|1679684|gb|AAB19200.1|	409	423	9181	15.4	20.11	15.14	5.5	15.4	20.9	69.29	9.44
49	gi|1679684|gb|AAB19200.1|	410	424	9182	17.58	22.22	17.58	5.38	17.06	22.62	82.26	9.44
49	gi|1679684|gb|AAB19200.1|	411	425	9183	19.84	22.22	9.11	4.85	16.83	19.84	81.14	25.57
49	gi|1679684|gb|AAB19200.1|	447	461	9184	19.32	17.06	19.32	13.64	63	52.36	40.45	13.66
49	gi|1679684|gb|AAB19200.1|	712	726	9185	18.78	8.75	17.18	44.57	6.71	48.5	18.78	26.89
49	gi|1679684|gb|AAB19200.1|	713	727	9186	19.64	7.45	19.62	43.08	6.71	62.8	20.72	19.64
49	gi|1679684|gb|AAB19200.1|	790	804	9187	18.44	13.22	73.47	5.18	5.9	71.16	23.62	18.44
49	gi|1679684|gb|AAB19200.1|	791	805	9188	17.25	17.18	35.35	5.18	9.44	53.11	22.95	17.25
49	gi|1679684|gb|AAB19200.1|	793	807	9189	13.92	1.14	43.76	5.18	2.64	30.34	22.19	13.92
49	gi|1679684|gb|AAB19200.1|	794	808	9190	13.57	1.14	46.85	5.18	2.17	24.6	13.57	15.78
49	gi|1679684|gb|AAB19200.1|	795	809	9191	13.98	1.14	50.14	13.98	1.83	21.3	9.53	17.01
49	gi|1679684|gb|AAB19200.1|	796	810	9192	14.15	1.14	52.97	14.15	1.62	18.88	7.75	18.27
49	gi|1679684|gb|AAB19200.1|	797	811	9193	6.37	1.14	36.71	9.19	2.29	7.29	6.37	2.68
49	gi|1679684|gb|AAB19200.1|	798	812	9194	4.09	1.14	36.71	9.26	3.3	4.09	6.11	2.68
49	gi|1679684|gb|AAB19200.1|	799	813	9195	4.06	1.06	36.71	9.26	4.06	3.58	5.86	2.68
49	gi|1679684|gb|AAB19200.1|	800	814	9196	6.07	10.21	36.71	8.86	4.07	2.79	6.07	2.68
49	gi|1679684|gb|AAB19200.1|	801	815	9197	9.39	10.27	36.71	9.39	6.72	4.74	40.72	2.68
49	gi|1679684|gb|AAB19200.1|	802	816	9198	14.57	14.57	36.71	24.13	11.17	8.47	65.14	2.68
49	gi|1679684|gb|AAB19200.1|	955	969	9199	18.11	6.18	16.16	22.23	28.29	18.11	48.82	12.84
49	gi|1679684|gb|AAB19200.1|	956	970	9200	19.37	6.18	22.92	19.37	28.29	13.27	59.07	12.84
49	gi|1679684|gb|AAB19200.1|	957	971	9201	10.25	8.98	18.31	10.25	3.28	7.49	53.66	12.84
49	gi|1679684|gb|AAB19200.1|	958	972	9202	9.36	8.98	23.28	9.36	3.61	8.56	46.66	12.84
49	gi|1679684|gb|AAB19200.1|	959	973	9203	9.58	8.98	25.4	7.91	3.77	9.58	39.26	12.84
49	gi|1679684|gb|AAB19200.1|	960	974	9204	14.26	8.98	30.63	8.9	4.38	14.26	46.19	15.2
49	gi|1679684|gb|AAB19200.1|	961	975	9205	14.15	8.98	35.27	10.47	7.1	27.19	48.72	14.15
49	gi|1679684|gb|AAB19200.1|	974	988	9206	11.78	27.33	11.06	9.6	62.5	42.81	11.78	10.36
49	gi|1679684|gb|AAB19200.1|	975	989	9207	14.37	27.54	14.37	9.85	49.96	44.63	12.3	10.57
49	gi|1679684|gb|AAB19200.1|	976	990	9208	19.3	40.46	13.62	14.19	48.02	43.61	9.72	19.3
49	gi|1679684|gb|AAB19200.1|	977	991	9209	19.77	36.66	17.6	14.87	44.28	48.14	8.42	19.77
49	gi|1679684|gb|AAB19200.1|	985	999	9210	20	9.56	34.61	24.92	20	16.39	37.19	12.84

Table 2

49	gi|1679684|gb|AAB19200.1|	990	1004	9211	15.82	25.83	15.82	17.93	12.76	5.38	29.93	2.01
49	gi|1679684|gb|AAB19200.1|	991	1005	9212	16.91	40.72	16.91	19.69	11.95	1.93	32.35	1.99
49	gi|1679684|gb|AAB19200.1|	992	1006	9213	11.43	9.61	17.77	22.58	11.43	0.97	26.46	1.88
49	gi|1679684|gb|AAB19200.1|	993	1007	9214	11.23	9.61	19.8	22.77	11.23	0.92	28.12	1.69
49	gi|1679684|gb|AAB19200.1|	994	1008	9215	18.65	9.61	24.58	24.41	18.65	1.33	22.96	1.93
49	gi|1679684|gb|AAB19200.1|	995	1009	9216	18.73	9.61	29.82	43.96	31.82	4.09	18.73	3.49
49	gi|1679684|gb|AAB19200.1|	1023	1037	9217	19.29	15.89	18.53	26	29.57	19.29	42.64	12.23
49	gi|1679684|gb|AAB19200.1|	1031	1045	9218	10.25	10.25	9.41	16.26	2.24	19.8	34.86	4.74
49	gi|1679684|gb|AAB19200.1|	1032	1046	9219	11.55	10.25	11.55	18.65	2.08	18.56	33.46	6.78
49	gi|1679684|gb|AAB19200.1|	1033	1047	9220	15.27	10.25	15.27	19.13	2.02	21.33	26.13	6.77
49	gi|1679684|gb|AAB19200.1|	1034	1048	9221	19.5	10.25	20.77	19.5	2.14	22.77	20.76	8.16
49	gi|1679684|gb|AAB19200.1|	1035	1049	9222	19.23	10.25	26.08	21.21	3.69	25.88	19.23	8.43
49	gi|1679684|gb|AAB19200.1|	1036	1050	9223	19.54	12.36	25.03	19.54	6.17	31.79	30.06	19.41
49	gi|1679684|gb|AAB19200.1|	1045	1059	9224	19.56	9.07	19.56	22.78	31.41	34.53	13.47	7.95
49	gi|1679684|gb|AAB19200.1|	1046	1060	9225	18.89	9	21.36	18.89	36.06	29.17	16.74	7.87
49	gi|1679684|gb|AAB19200.1|	1048	1062	9226	14.07	9.06	27.7	8.96	51.21	30.84	14.07	8.01
49	gi|1679684|gb|AAB19200.1|	1051	1065	9227	17.27	17.27	14.74	20.45	3.68	38.55	34.01	1.57
49	gi|1679684|gb|AAB19200.1|	1052	1066	9228	17.9	17.9	15.53	21.87	3.23	23.36	32.68	1.56
49	gi|1679684|gb|AAB19200.1|	1053	1067	9229	18.41	18.41	17.63	24.83	2.93	23.93	36.44	1.64
49	gi|1679684|gb|AAB19200.1|	1054	1068	9230	19.72	17.9	19.72	36.73	2.55	20.9	36.44	1.56
49	gi|1679684|gb|AAB19200.1|	1055	1069	9231	18.26	18.26	13.38	21	4.37	26.22	37.08	1.62
49	gi|1679684|gb|AAB19200.1|	1056	1070	9232	19.27	47.33	18.1	19.27	7.39	33.56	43.64	4.81
49	gi|1679684|gb|AAB19200.1|	1063	1077	9233	11.66	1.38	9.96	21.07	54.82	4.52	35.23	11.66
49	gi|1679684|gb|AAB19200.1|	1064	1078	9234	11.66	1.38	10.42	21.4	54.82	2.83	35.23	11.66
49	gi|1679684|gb|AAB19200.1|	1065	1079	9235	11.66	1.38	10.74	22.49	54.82	3.31	35.23	11.66
49	gi|1679684|gb|AAB19200.1|	1066	1080	9236	13.12	1.38	13.12	14.14	35.65	4.05	35.23	11.66
49	gi|1679684|gb|AAB19200.1|	1067	1081	9237	15.36	1.49	20.42	14.65	35.65	6.12	16.77	15.36
49	gi|1679684|gb|AAB19200.1|	1068	1082	9238	14.55	4.52	22.5	14.55	35.65	11.27	19.29	14.24
49	gi|1679684|gb|AAB19200.1|	1069	1083	9239	19.8	5.91	63.5	14.61	35.65	32.82	19.71	19.8
49	gi|1679684|gb|AAB19200.1|	1080	1094	9240	16.47	2.41	3.55	28.21	16.47	43.17	66.33	2.92
49	gi|1679684|gb|AAB19200.1|	1081	1095	9241	16.45	2.41	5	27.48	16.45	25.83	56.56	2.94
49	gi|1679684|gb|AAB19200.1|	1082	1096	9242	15.23	2.41	5.58	27.8	15.23	17.31	50.55	2.92
49	gi|1679684|gb|AAB19200.1|	1083	1097	9243	14.97	2.41	7.21	36.5	14.97	15.71	45.14	2.92
49	gi|1679684|gb|AAB19200.1|	1106	1120	9244	18.62	18.62	17.9	36.05	1.55	23.53	44.35	16.56
49	gi|1679684|gb|AAB19200.1|	1107	1121	9245	16.56	18.62	12	28.93	1.34	14.08	75.93	16.56
49	gi|1679684|gb|AAB19200.1|	1108	1122	9246	16.56	18.62	14.65	28.58	1.36	11.04	79.48	16.56
49	gi|1679684|gb|AAB19200.1|	1109	1123	9247	16.56	18.62	16	28.41	2.56	14.96	62.78	16.56
49	gi|1679684|gb|AAB19200.1|	1114	1128	9248	19.11	51.21	0.79	19.11	9.64	21.55	56.65	1.4
49	gi|1679684|gb|AAB19200.1|	1115	1129	9249	8.98	8.98	0.81	14.02	9.64	5.24	56.65	1.4
49	gi|1679684|gb|AAB19200.1|	1116	1130	9250	8.98	8.98	1.29	16.57	17.66	2.43	36.35	1.4
49	gi|1679684|gb|AAB19200.1|	1117	1131	9251	8.98	8.98	1.95	16.6	18.45	1.88	36.35	1.4
49	gi|1679684|gb|AAB19200.1|	1118	1132	9252	8.98	8.98	2.46	18.79	19.42	1.86	36.35	1.79
49	gi|1679684|gb|AAB19200.1|	1119	1133	9253	8.98	8.98	2.46	22.33	28.51	3.22	16.47	1.85
49	gi|1679684|gb|AAB19200.1|	1120	1134	9254	12.2	12.2	3.45	36.61	38.43	8.47	16.9	11.73
49	gi|1679684|gb|AAB19200.1|	1171	1185	9255	19.47	34.99	5.11	34.99	60.94	16.71	15.46	19.47
49	gi|1679684|gb|AAB19200.1|	1175	1189	9256	17.18	12.47	17.18	31.89	48.09	36.37	10.93	5.32
49	gi|1679684|gb|AAB19200.1|	1177	1191	9257	18.85	10.17	54.72	32.84	48.09	18.85	9.45	5.68
49	gi|1679684|gb|AAB19200.1|	1178	1192	9258	14.96	9.63	56.29	35.51	48.09	14.96	6.94	5.44

Table 2

49	gi|1679684|gb|AAB19200.1|	1179	1193	9259	18.42	9.57	56.29	47.72	48.09	18.42	9.2	5.66
49	gi|1679684|gb|AAB19200.1|	1218	1232	9260	17.38	37.64	4.47	17.38	54.82	39.56	15.73	15.76
49	gi|1679684|gb|AAB19200.1|	1219	1233	9261	14.87	14.87	3.12	9.08	43.03	18.97	15.73	5.79
49	gi|1679684|gb|AAB19200.1|	1220	1234	9262	15.62	15.62	3.97	9.3	43.34	15.67	15.73	5.79
49	gi|1679684|gb|AAB19200.1|	1221	1235	9263	9.08	8.04	4.14	9.08	41.7	11.13	15.73	5.79
49	gi|1679684|gb|AAB19200.1|	1222	1236	9264	9.21	7.95	5.23	9.21	42.49	9.59	15.73	5.79
49	gi|1679684|gb|AAB19200.1|	1223	1237	9265	12.24	8.05	6.91	12.8	55.8	12.24	15.73	5.79
49	gi|1679684|gb|AAB19200.1|	1224	1238	9266	19.06	10.33	9.53	19.06	64.76	19.97	31.36	10.05
49	gi|1679684|gb|AAB19200.1|	1274	1288	9267	17.8	15.77	5.09	40.61	55.06	47.18	8.2	17.8
49	gi|1679684|gb|AAB19200.1|	1275	1289	9268	17.8	16.38	6.69	41.34	53.02	42.25	6.05	17.8
49	gi|1679684|gb|AAB19200.1|	1276	1290	9269	17.8	15.79	6.01	22.08	49.2	35.4	4.41	17.8
49	gi|1679684|gb|AAB19200.1|	1282	1296	9270	14.35	9.01	6.67	23.6	14.35	36.87	10.5	22.38
49	gi|1679684|gb|AAB19200.1|	1283	1297	9271	19.06	9.81	7.27	26.98	13.18	37.66	19.06	22.46
49	gi|1679684|gb|AAB19200.1|	1284	1298	9272	19.06	7.43	7.01	34.62	4.71	39.74	19.06	26.56
49	gi|1679684|gb|AAB19200.1|	1285	1299	9273	19.06	7.2	6.73	34.47	4.71	42.75	19.06	26.04
49	gi|1679684|gb|AAB19200.1|	1293	1307	9274	18.16	21.14	18.16	23.02	11.38	13.8	45.46	13.66
49	gi|1679684|gb|AAB19200.1|	1294	1308	9275	18.16	20.96	18.16	23.61	11.38	10.96	40.43	13.66
49	gi|1679684|gb|AAB19200.1|	1295	1309	9276	16.35	21.91	18.16	31.14	11.38	10.69	16.35	13.66
49	gi|1679684|gb|AAB19200.1|	1296	1310	9277	16.35	22.07	18.16	31.35	11.38	14.27	16.35	13.66
50	gi|119618363|gb|EAW97957.1|	92	106	9278	13.65	5.11	25.59	23.54	6.8	13.65	25.68	1.4
50	gi|119618363|gb|EAW97957.1|	93	107	9279	7.29	7.29	22.31	20.6	6.67	6.08	25.94	1.04
50	gi|119618363|gb|EAW97957.1|	94	108	9280	7.26	7.26	9.25	19.82	6.8	4.07	53.19	0.72
50	gi|119618363|gb|EAW97957.1|	95	109	9281	6.07	3.29	11.57	6.07	6.8	2.53	37.2	0.57
50	gi|119618363|gb|EAW97957.1|	96	110	9282	3.29	3.29	6.86	6.07	0.68	1.97	34.73	1
50	gi|119618363|gb|EAW97957.1|	97	111	9283	3.67	3.67	7.19	5.76	1.71	1.88	27.09	1.4
50	gi|119618363|gb|EAW97957.1|	98	112	9284	3.67	3.67	7.19	5.8	1.72	2.97	17.44	1.4
50	gi|119618363|gb|EAW97957.1|	99	113	9285	4.59	1.34	7.19	8.54	2.03	4.5	4.59	9.28
50	gi|119618363|gb|EAW97957.1|	100	114	9286	5.05	5.05	7.19	8.99	2.34	4.1	3.56	9.12
50	gi|119618363|gb|EAW97957.1|	101	115	9287	5.06	5.06	6.79	1.93	2.29	5.21	2.72	5.24
50	gi|119618363|gb|EAW97957.1|	102	116	9288	5.02	22.13	7.19	0.99	2.4	9.2	3.31	5.02
50	gi|119618363|gb|EAW97957.1|	103	117	9289	9.66	22.11	17.89	1.02	12.33	9.66	4.42	5.23
50	gi|119618363|gb|EAW97957.1|	104	118	9290	6.44	0.59	22.82	0.99	12.33	8.1	6.44	3.4
50	gi|119618363|gb|EAW97957.1|	105	119	9291	8.48	0.59	12.76	1.02	53.57	8.48	10.65	3.15
50	gi|119618363|gb|EAW97957.1|	106	120	9292	12.07	0.98	12.76	2.34	56.18	12.07	25.51	5.79
50	gi|119618363|gb|EAW97957.1|	107	121	9293	12.76	0.98	12.76	4.98	56.18	18.6	39.55	5.79
50	gi|119618363|gb|EAW97957.1|	108	122	9294	12.76	3.31	12.76	10.52	56.18	26.26	40.62	5.79
50	gi|119618363|gb|EAW97957.1|	128	142	9295	18.17	16.15	18.17	11.51	56.01	47.4	61.7	8.42
50	gi|119618363|gb|EAW97957.1|	129	143	9296	16.97	15.31	16.97	10.98	56.01	42.36	61.35	8.42
50	gi|119618363|gb|EAW97957.1|	130	144	9297	17.32	17.32	14.64	10.98	35.21	42.54	67.42	12.86
50	gi|119618363|gb|EAW97957.1|	131	145	9298	17.34	17.32	17.34	12.2	36.62	46.76	71.34	12.86
50	gi|119618363|gb|EAW97957.1|	138	152	9299	16.67	0.53	68.55	42.71	8.03	16.67	35.85	2.05
50	gi|119618363|gb|EAW97957.1|	139	153	9300	17.34	0.53	71.42	43.4	7.51	17.34	34.44	2.04
50	gi|119618363|gb|EAW97957.1|	157	171	9301	18.35	10.92	53.53	18.35	18.67	56.19	18.08	17.74
50	gi|119618363|gb|EAW97957.1|	158	172	9302	18.2	10.92	57.05	18.2	18.67	51.3	18.08	14.67
50	gi|119618363|gb|EAW97957.1|	159	173	9303	18.26	10.92	61.71	18.26	18.67	55.59	18.08	14.76
50	gi|119618363|gb|EAW97957.1|	160	174	9304	18.71	10.92	58.83	26.64	18.67	61.82	18.22	18.71
50	gi|119618363|gb|EAW97957.1|	161	175	9305	18.52	10.92	33.69	7.1	18.52	60.33	19.02	16.83
50	gi|119618363|gb|EAW97957.1|	162	176	9306	18.02	14.98	23.16	6.54	16.48	53.36	24.34	18.02

Table 2

50	gi|119618363|gb|EAW97957.1|	163	177	9307	15.8	11.71	23.07	6.15	7.87	43.27	31.18	15.8
50	gi|119618363|gb|EAW97957.1|	164	178	9308	17.32	17.32	32.05	6.18	8.26	40.05	35.76	15.85
50	gi|119618363|gb|EAW97957.1|	165	179	9309	19.73	17.32	33.53	6.87	9.52	38.74	47.51	19.73
50	gi|119618363|gb|EAW97957.1|	169	183	9310	18.87	5.79	42.67	48.7	18.64	61.26	18.87	12.38
50	gi|119618363|gb|EAW97957.1|	170	184	9311	18.64	4.41	42.67	29.69	18.64	61.58	13.12	12.24
50	gi|119618363|gb|EAW97957.1|	171	185	9312	18.64	4.46	47.17	29.94	18.64	59.99	10.59	12.33
50	gi|119618363|gb|EAW97957.1|	173	187	9313	13.09	3.67	47.38	9.15	20.84	37.41	13.09	3.89
50	gi|119618363|gb|EAW97957.1|	174	188	9314	18.39	3.67	52.62	9.32	19.87	25.64	18.39	3.68
50	gi|119618363|gb|EAW97957.1|	175	189	9315	19.52	3.67	59.91	10.16	19.52	20.57	31.38	8.92
50	gi|119618363|gb|EAW97957.1|	245	259	9316	15.12	7.72	12.29	13.33	38.29	51.36	69.29	15.12
50	gi|119618363|gb|EAW97957.1|	246	260	9317	15.2	7.72	14.35	13.61	35.51	46.78	69.29	15.2
50	gi|119618363|gb|EAW97957.1|	248	262	9318	16.22	7.72	16.22	7.55	17.16	32.74	69.29	2.06
50	gi|119618363|gb|EAW97957.1|	249	263	9319	15.4	20.11	15.14	5.5	15.4	20.9	69.29	9.44
50	gi|119618363|gb|EAW97957.1|	250	264	9320	17.58	22.22	17.58	5.38	17.06	22.62	82.26	9.44
50	gi|119618363|gb|EAW97957.1|	251	265	9321	19.84	22.22	9.11	4.85	16.83	19.84	81.14	25.57
50	gi|119618363|gb|EAW97957.1|	287	301	9322	19.32	17.06	19.32	13.64	63	52.36	40.45	13.66
50	gi|119618363|gb|EAW97957.1|	552	566	9323	18.78	8.75	17.18	44.57	6.71	48.5	18.78	26.89
50	gi|119618363|gb|EAW97957.1|	553	567	9324	19.64	7.45	19.62	43.08	6.71	62.8	20.72	19.64
50	gi|119618363|gb|EAW97957.1|	630	644	9325	18.44	13.22	73.47	5.18	5.9	71.16	23.62	18.44
50	gi|119618363|gb|EAW97957.1|	631	645	9326	17.25	17.18	35.35	5.18	9.44	53.11	22.95	17.25
50	gi|119618363|gb|EAW97957.1|	633	647	9327	13.92	1.14	43.76	5.18	2.64	30.34	22.19	13.92
50	gi|119618363|gb|EAW97957.1|	634	648	9328	13.57	1.14	46.85	5.18	2.17	24.6	13.57	15.78
50	gi|119618363|gb|EAW97957.1|	635	649	9329	13.98	1.14	50.14	13.98	1.83	21.3	9.53	17.01
50	gi|119618363|gb|EAW97957.1|	636	650	9330	14.15	1.14	52.97	14.15	1.62	18.88	7.75	18.27
50	gi|119618363|gb|EAW97957.1|	637	651	9331	6.37	1.14	36.71	9.19	2.29	7.29	6.37	2.68
50	gi|119618363|gb|EAW97957.1|	638	652	9332	4.09	1.14	36.71	9.26	3.3	4.09	6.11	2.68
50	gi|119618363|gb|EAW97957.1|	639	653	9333	4.06	1.06	36.71	9.26	4.06	3.58	5.86	2.68
50	gi|119618363|gb|EAW97957.1|	640	654	9334	6.07	10.21	36.71	8.86	4.07	2.79	6.07	2.68
50	gi|119618363|gb|EAW97957.1|	641	655	9335	9.39	10.27	36.71	9.39	6.72	4.74	40.72	2.68
50	gi|119618363|gb|EAW97957.1|	642	656	9336	14.57	14.57	36.71	24.13	11.17	8.47	65.14	2.68
50	gi|119618363|gb|EAW97957.1|	795	809	9337	18.11	6.18	16.16	22.23	28.29	18.11	48.82	12.84
50	gi|119618363|gb|EAW97957.1|	796	810	9338	19.37	6.18	22.92	19.37	28.29	13.27	59.07	12.84
50	gi|119618363|gb|EAW97957.1|	797	811	9339	10.25	8.98	18.31	10.25	3.28	7.49	53.66	12.84
50	gi|119618363|gb|EAW97957.1|	798	812	9340	9.36	8.98	23.28	9.36	3.61	8.56	46.66	12.84
50	gi|119618363|gb|EAW97957.1|	799	813	9341	9.58	8.98	25.4	7.91	3.77	9.58	39.26	12.84
50	gi|119618363|gb|EAW97957.1|	800	814	9342	14.26	8.98	30.63	8.9	4.38	14.26	46.19	15.2
50	gi|119618363|gb|EAW97957.1|	801	815	9343	14.15	8.98	35.27	10.47	7.1	27.19	48.72	14.15
50	gi|119618363|gb|EAW97957.1|	814	828	9344	11.78	27.33	11.06	9.6	62.5	42.81	11.78	10.36
50	gi|119618363|gb|EAW97957.1|	815	829	9345	14.37	27.54	14.37	9.85	49.96	44.63	12.3	10.57
50	gi|119618363|gb|EAW97957.1|	816	830	9346	19.3	40.46	13.62	14.19	48.02	43.61	9.72	19.3
50	gi|119618363|gb|EAW97957.1|	817	831	9347	19.77	36.66	17.6	14.87	44.28	48.14	8.42	19.77
50	gi|119618363|gb|EAW97957.1|	825	839	9348	20	9.56	34.61	24.92	20	16.39	37.19	12.84
50	gi|119618363|gb|EAW97957.1|	830	844	9349	15.82	25.83	15.82	17.93	12.76	5.38	29.93	2.01
50	gi|119618363|gb|EAW97957.1|	831	845	9350	16.91	40.72	16.91	19.69	11.95	1.93	32.35	1.99
50	gi|119618363|gb|EAW97957.1|	832	846	9351	11.43	9.61	17.77	22.58	11.43	0.97	26.46	1.88
50	gi|119618363|gb|EAW97957.1|	833	847	9352	11.23	9.61	19.8	22.77	11.23	0.92	28.12	1.69
50	gi|119618363|gb|EAW97957.1|	834	848	9353	18.65	9.61	24.58	24.41	18.65	1.33	22.96	1.93
50	gi|119618363|gb|EAW97957.1|	835	849	9354	18.73	9.61	29.82	43.96	31.82	4.09	18.73	3.49

Table 2

50	gi|119618363|gb|EAW97957.1|	863	877	9355	19.29	15.89	18.53	26	29.57	19.29	42.64	12.23
50	gi|119618363|gb|EAW97957.1|	871	885	9356	10.25	10.25	9.41	16.26	2.24	19.8	34.86	4.74
50	gi|119618363|gb|EAW97957.1|	872	886	9357	11.55	10.25	11.55	18.65	2.08	18.56	33.46	6.78
50	gi|119618363|gb|EAW97957.1|	873	887	9358	15.27	10.25	15.27	19.13	2.02	21.33	26.13	6.77
50	gi|119618363|gb|EAW97957.1|	874	888	9359	19.5	10.25	20.77	19.5	2.14	22.77	20.76	8.16
50	gi|119618363|gb|EAW97957.1|	875	889	9360	19.23	10.25	26.08	21.21	3.69	25.88	19.23	8.43
50	gi|119618363|gb|EAW97957.1|	876	890	9361	19.54	12.36	25.03	19.54	6.17	31.79	30.06	19.41
50	gi|119618363|gb|EAW97957.1|	885	899	9362	19.56	9.07	19.56	22.78	31.41	34.53	13.47	7.95
50	gi|119618363|gb|EAW97957.1|	886	900	9363	18.89	9	21.36	18.89	36.06	29.17	16.74	7.87
50	gi|119618363|gb|EAW97957.1|	888	902	9364	14.07	9.06	27.7	8.96	51.21	30.84	14.07	8.01
50	gi|119618363|gb|EAW97957.1|	891	905	9365	17.27	17.27	14.74	20.45	3.68	38.55	34.01	1.57
50	gi|119618363|gb|EAW97957.1|	892	906	9366	17.9	17.9	15.53	21.87	3.23	23.36	32.68	1.56
50	gi|119618363|gb|EAW97957.1|	893	907	9367	18.41	18.41	17.63	24.83	2.93	23.93	36.44	1.64
50	gi|119618363|gb|EAW97957.1|	894	908	9368	19.72	17.9	19.72	36.73	2.55	20.9	36.44	1.56
50	gi|119618363|gb|EAW97957.1|	895	909	9369	18.26	18.26	13.38	21	4.37	26.22	37.08	1.62
50	gi|119618363|gb|EAW97957.1|	896	910	9370	19.27	47.33	18.1	19.27	7.39	33.56	43.64	4.81
50	gi|119618363|gb|EAW97957.1|	903	917	9371	11.66	1.38	9.96	21.07	54.82	4.52	35.23	11.66
50	gi|119618363|gb|EAW97957.1|	904	918	9372	11.66	1.38	10.42	21.4	54.82	2.83	35.23	11.66
50	gi|119618363|gb|EAW97957.1|	905	919	9373	11.66	1.38	10.74	22.49	54.82	3.31	35.23	11.66
50	gi|119618363|gb|EAW97957.1|	906	920	9374	13.12	1.38	13.12	14.14	35.65	4.05	35.23	11.66
50	gi|119618363|gb|EAW97957.1|	907	921	9375	15.36	1.49	20.42	14.65	35.65	6.12	16.77	15.36
50	gi|119618363|gb|EAW97957.1|	908	922	9376	14.55	4.52	22.5	14.55	35.65	11.27	19.29	14.24
50	gi|119618363|gb|EAW97957.1|	909	923	9377	19.8	5.91	63.5	14.61	35.65	32.82	19.71	19.8
50	gi|119618363|gb|EAW97957.1|	920	934	9378	16.47	2.41	3.55	28.21	16.47	43.17	66.33	2.92
50	gi|119618363|gb|EAW97957.1|	921	935	9379	16.45	2.41	5	27.48	16.45	25.83	56.56	2.94
50	gi|119618363|gb|EAW97957.1|	922	936	9380	15.23	2.41	5.58	27.8	15.23	17.31	50.55	2.92
50	gi|119618363|gb|EAW97957.1|	923	937	9381	14.97	2.41	7.21	36.5	14.97	15.71	45.14	2.92
50	gi|119618363|gb|EAW97957.1|	946	960	9382	18.62	18.62	17.9	36.05	1.55	23.53	44.35	16.56
50	gi|119618363|gb|EAW97957.1|	947	961	9383	16.56	18.62	12	28.93	1.34	14.08	75.93	16.56
50	gi|119618363|gb|EAW97957.1|	948	962	9384	16.56	18.62	14.65	28.58	1.36	11.04	79.48	16.56
50	gi|119618363|gb|EAW97957.1|	949	963	9385	16.56	18.62	16	28.41	2.56	14.96	62.78	16.56
50	gi|119618363|gb|EAW97957.1|	954	968	9386	19.11	51.21	0.79	19.11	9.64	21.55	56.65	1.4
50	gi|119618363|gb|EAW97957.1|	955	969	9387	8.98	8.98	0.81	14.02	9.64	5.24	56.65	1.4
50	gi|119618363|gb|EAW97957.1|	956	970	9388	8.98	8.98	1.29	16.57	17.66	2.43	36.35	1.4
50	gi|119618363|gb|EAW97957.1|	957	971	9389	8.98	8.98	1.95	16.6	18.45	1.88	36.35	1.4
50	gi|119618363|gb|EAW97957.1|	958	972	9390	8.98	8.98	2.46	18.79	19.42	1.86	36.35	1.79
50	gi|119618363|gb|EAW97957.1|	959	973	9391	8.98	8.98	2.46	22.33	28.51	3.22	16.47	1.85
50	gi|119618363|gb|EAW97957.1|	960	974	9392	12.2	12.2	3.45	36.61	38.43	8.47	16.9	11.73
50	gi|119618363|gb|EAW97957.1|	1011	1025	9393	19.47	34.99	5.11	34.99	60.94	16.71	15.46	19.47
50	gi|119618363|gb|EAW97957.1|	1015	1029	9394	17.18	12.47	17.18	31.89	48.09	36.37	10.93	5.32
50	gi|119618363|gb|EAW97957.1|	1017	1031	9395	18.85	10.17	54.72	32.84	48.09	18.85	9.45	5.68
50	gi|119618363|gb|EAW97957.1|	1018	1032	9396	14.96	9.63	56.29	35.51	48.09	14.96	6.94	5.44
50	gi|119618363|gb|EAW97957.1|	1019	1033	9397	18.42	9.57	56.29	47.72	48.09	18.42	9.2	5.66
50	gi|119618363|gb|EAW97957.1|	1058	1072	9398	17.38	37.64	4.47	17.38	54.82	39.56	15.73	15.76
50	gi|119618363|gb|EAW97957.1|	1059	1073	9399	14.87	14.87	3.12	9.08	43.03	18.97	15.73	5.79
50	gi|119618363|gb|EAW97957.1|	1060	1074	9400	15.62	15.62	3.97	9.3	43.34	15.67	15.73	5.79
50	gi|119618363|gb|EAW97957.1|	1061	1075	9401	9.08	8.04	4.14	9.08	41.7	11.13	15.73	5.79
50	gi|119618363|gb|EAW97957.1|	1062	1076	9402	9.21	7.95	5.23	9.21	42.49	9.59	15.73	5.79

Table 2

50	gi|119618363|gb|EAW97957.1|	1063	1077	9403	12.24	8.05	6.91	12.8	55.8	12.24	15.73	5.79
50	gi|119618363|gb|EAW97957.1|	1064	1078	9404	19.06	10.33	9.53	19.06	64.76	19.97	31.36	10.05
50	gi|119618363|gb|EAW97957.1|	1114	1128	9405	17.8	15.77	5.09	40.61	55.06	47.18	8.2	17.8
50	gi|119618363|gb|EAW97957.1|	1115	1129	9406	17.8	16.38	6.69	41.34	53.02	42.25	6.05	17.8
50	gi|119618363|gb|EAW97957.1|	1116	1130	9407	17.8	15.79	6.01	22.08	49.2	35.4	4.41	17.8
50	gi|119618363|gb|EAW97957.1|	1122	1136	9408	14.35	9.01	6.67	23.6	14.35	36.87	10.5	22.38
50	gi|119618363|gb|EAW97957.1|	1123	1137	9409	19.06	9.81	7.27	26.98	13.18	37.66	19.06	22.46
50	gi|119618363|gb|EAW97957.1|	1124	1138	9410	19.06	7.43	7.01	34.62	4.71	39.74	19.06	26.56
50	gi|119618363|gb|EAW97957.1|	1125	1139	9411	19.06	7.2	6.73	34.47	4.71	42.75	19.06	26.04
50	gi|119618363|gb|EAW97957.1|	1133	1147	9412	18.16	21.14	18.16	23.02	11.38	13.8	45.46	13.66
50	gi|119618363|gb|EAW97957.1|	1134	1148	9413	18.16	20.96	18.16	23.61	11.38	10.96	40.43	13.66
50	gi|119618363|gb|EAW97957.1|	1135	1149	9414	16.35	21.91	18.16	31.14	11.38	10.69	16.35	13.66
50	gi|119618363|gb|EAW97957.1|	1136	1150	9415	16.35	22.07	18.16	31.35	11.38	14.27	16.35	13.66
51	gi|119618364|gb|EAW97958.1|	92	106	9416	13.65	5.11	25.59	23.54	6.8	13.65	25.68	1.4
51	gi|119618364|gb|EAW97958.1|	93	107	9417	7.29	7.29	22.31	20.6	6.67	6.08	25.94	1.04
51	gi|119618364|gb|EAW97958.1|	94	108	9418	7.26	7.26	9.25	19.82	6.8	4.07	53.19	0.72
51	gi|119618364|gb|EAW97958.1|	95	109	9419	6.07	3.29	11.57	6.07	6.8	2.53	37.2	0.57
51	gi|119618364|gb|EAW97958.1|	96	110	9420	3.29	3.29	6.86	6.07	0.68	1.97	34.73	1
51	gi|119618364|gb|EAW97958.1|	97	111	9421	3.67	3.67	7.19	5.76	1.71	1.88	27.09	1.4
51	gi|119618364|gb|EAW97958.1|	98	112	9422	3.67	3.67	7.19	5.8	1.72	2.97	17.44	1.4
51	gi|119618364|gb|EAW97958.1|	99	113	9423	4.59	1.34	7.19	8.54	2.03	4.5	4.59	9.28
51	gi|119618364|gb|EAW97958.1|	100	114	9424	5.05	5.05	7.19	8.99	2.34	4.1	3.56	9.12
51	gi|119618364|gb|EAW97958.1|	101	115	9425	5.06	5.06	6.79	1.93	2.29	5.21	2.72	5.24
51	gi|119618364|gb|EAW97958.1|	102	116	9426	5.02	22.13	7.19	0.99	2.4	9.2	3.31	5.02
51	gi|119618364|gb|EAW97958.1|	103	117	9427	9.66	22.11	17.89	1.02	12.33	9.66	4.42	5.23
51	gi|119618364|gb|EAW97958.1|	104	118	9428	6.44	0.59	22.82	0.99	12.33	8.1	6.44	3.4
51	gi|119618364|gb|EAW97958.1|	105	119	9429	8.48	0.59	12.76	1.02	53.57	8.48	10.65	3.15
51	gi|119618364|gb|EAW97958.1|	106	120	9430	12.07	0.98	12.76	2.34	56.18	12.07	25.51	5.79
51	gi|119618364|gb|EAW97958.1|	107	121	9431	12.76	0.98	12.76	4.98	56.18	18.6	39.55	5.79
51	gi|119618364|gb|EAW97958.1|	108	122	9432	12.76	3.31	12.76	10.52	56.18	26.26	40.62	5.79
51	gi|119618364|gb|EAW97958.1|	128	142	9433	18.17	16.15	18.17	11.51	56.01	47.4	61.7	8.42
51	gi|119618364|gb|EAW97958.1|	129	143	9434	16.97	15.31	16.97	10.98	56.01	42.36	61.35	8.42
51	gi|119618364|gb|EAW97958.1|	130	144	9435	17.32	17.32	14.64	10.98	35.21	42.54	67.42	12.86
51	gi|119618364|gb|EAW97958.1|	131	145	9436	17.34	17.32	17.34	12.2	36.62	46.76	71.34	12.86
51	gi|119618364|gb|EAW97958.1|	138	152	9437	16.67	0.53	68.55	42.71	8.03	16.67	35.85	2.05
51	gi|119618364|gb|EAW97958.1|	139	153	9438	17.34	0.53	71.42	43.4	7.51	17.34	34.44	2.04
51	gi|119618364|gb|EAW97958.1|	157	171	9439	18.35	10.92	53.53	18.35	18.67	56.19	18.08	17.74
51	gi|119618364|gb|EAW97958.1|	158	172	9440	18.2	10.92	57.05	18.2	18.67	51.3	18.08	14.67
51	gi|119618364|gb|EAW97958.1|	159	173	9441	18.26	10.92	61.71	18.26	18.67	55.59	18.08	14.76
51	gi|119618364|gb|EAW97958.1|	160	174	9442	18.71	10.92	58.83	26.64	18.67	61.82	18.22	18.71
51	gi|119618364|gb|EAW97958.1|	161	175	9443	18.52	10.92	33.69	7.1	18.52	60.33	19.02	16.83
51	gi|119618364|gb|EAW97958.1|	162	176	9444	18.02	14.98	23.16	6.54	16.48	53.36	24.34	18.02
51	gi|119618364|gb|EAW97958.1|	163	177	9445	15.8	11.71	23.07	6.15	7.87	43.27	31.18	15.8
51	gi|119618364|gb|EAW97958.1|	164	178	9446	17.32	17.32	32.05	6.18	8.26	40.05	35.76	15.85
51	gi|119618364|gb|EAW97958.1|	165	179	9447	19.73	17.32	33.53	6.87	9.52	38.74	47.51	19.73
51	gi|119618364|gb|EAW97958.1|	169	183	9448	18.87	5.79	42.67	48.7	18.64	61.26	18.87	12.38
51	gi|119618364|gb|EAW97958.1|	170	184	9449	18.64	4.41	42.67	29.69	18.64	61.58	13.12	12.24
51	gi|119618364|gb|EAW97958.1|	171	185	9450	18.64	4.46	47.17	29.94	18.64	59.99	10.59	12.33

Table 2

51	gi|119618364|gb|EAW97958.1|	173	187	9451	13.09	3.67	47.38	9.15	20.84	37.41	13.09	3.89
51	gi|119618364|gb|EAW97958.1|	174	188	9452	18.39	3.67	52.62	9.32	19.87	25.64	18.39	3.68
51	gi|119618364|gb|EAW97958.1|	175	189	9453	19.52	3.67	59.91	10.16	19.52	20.57	31.38	8.92
51	gi|119618364|gb|EAW97958.1|	245	259	9454	15.12	7.72	12.29	13.33	38.29	51.36	69.29	15.12
51	gi|119618364|gb|EAW97958.1|	246	260	9455	15.2	7.72	14.35	13.61	35.51	46.78	69.29	15.2
51	gi|119618364|gb|EAW97958.1|	248	262	9456	16.22	7.72	16.22	7.55	17.16	32.74	69.29	2.06
51	gi|119618364|gb|EAW97958.1|	249	263	9457	15.4	20.11	15.14	5.5	15.4	20.9	69.29	9.44
51	gi|119618364|gb|EAW97958.1|	250	264	9458	17.58	22.22	17.58	5.38	17.06	22.62	82.26	9.44
51	gi|119618364|gb|EAW97958.1|	251	265	9459	19.84	22.22	9.11	4.85	16.83	19.84	81.14	25.57
51	gi|119618364|gb|EAW97958.1|	287	301	9460	19.32	17.06	19.32	13.64	63	52.36	40.45	13.66
51	gi|119618364|gb|EAW97958.1|	552	566	9461	18.78	8.75	17.18	44.57	6.71	48.5	18.78	26.89
51	gi|119618364|gb|EAW97958.1|	553	567	9462	19.64	7.45	19.62	43.08	6.71	62.8	20.72	19.64
51	gi|119618364|gb|EAW97958.1|	630	644	9463	18.44	13.22	73.47	5.18	5.9	71.16	23.62	18.44
51	gi|119618364|gb|EAW97958.1|	631	645	9464	17.25	17.18	35.35	5.18	9.44	53.11	22.95	17.25
51	gi|119618364|gb|EAW97958.1|	633	647	9465	13.92	1.14	43.76	5.18	2.64	30.34	22.19	13.92
51	gi|119618364|gb|EAW97958.1|	634	648	9466	13.57	1.14	46.85	5.18	2.17	24.6	13.57	15.78
51	gi|119618364|gb|EAW97958.1|	635	649	9467	13.98	1.14	50.14	13.98	1.83	21.3	9.53	17.01
51	gi|119618364|gb|EAW97958.1|	636	650	9468	14.15	1.14	52.97	14.15	1.62	18.88	7.75	18.27
51	gi|119618364|gb|EAW97958.1|	637	651	9469	6.37	1.14	36.71	9.19	2.29	7.29	6.37	2.68
51	gi|119618364|gb|EAW97958.1|	638	652	9470	4.09	1.14	36.71	9.26	3.3	4.09	6.11	2.68
51	gi|119618364|gb|EAW97958.1|	639	653	9471	4.06	1.06	36.71	9.26	4.06	3.58	5.86	2.68
51	gi|119618364|gb|EAW97958.1|	640	654	9472	6.07	10.21	36.71	8.86	4.07	2.79	6.07	2.68
51	gi|119618364|gb|EAW97958.1|	641	655	9473	9.39	10.27	36.71	9.39	6.72	4.74	40.72	2.68
51	gi|119618364|gb|EAW97958.1|	642	656	9474	14.57	14.57	36.71	24.13	11.17	8.47	65.14	2.68
51	gi|119618364|gb|EAW97958.1|	795	809	9475	18.11	6.18	16.16	22.23	28.29	18.11	48.82	12.84
51	gi|119618364|gb|EAW97958.1|	796	810	9476	19.37	6.18	22.92	19.37	28.29	13.27	59.07	12.84
51	gi|119618364|gb|EAW97958.1|	797	811	9477	10.25	8.98	18.31	10.25	3.28	7.49	53.66	12.84
51	gi|119618364|gb|EAW97958.1|	798	812	9478	9.36	8.98	23.28	9.36	3.61	8.56	46.66	12.84
51	gi|119618364|gb|EAW97958.1|	799	813	9479	9.58	8.98	25.4	7.91	3.77	9.58	39.26	12.84
51	gi|119618364|gb|EAW97958.1|	800	814	9480	14.26	8.98	30.63	8.9	4.38	14.26	46.19	15.2
51	gi|119618364|gb|EAW97958.1|	801	815	9481	14.15	8.98	35.27	10.47	7.1	27.19	48.72	14.15
52	gi|119618365|gb|EAW97959.1|	168	182	9482	18.78	8.75	17.18	44.57	6.71	48.5	18.78	26.89
52	gi|119618365|gb|EAW97959.1|	169	183	9483	19.64	7.45	19.62	43.08	6.71	62.8	20.72	19.64
52	gi|119618365|gb|EAW97959.1|	246	260	9484	18.44	13.22	73.47	5.18	5.9	71.16	23.62	18.44
52	gi|119618365|gb|EAW97959.1|	247	261	9485	17.25	17.18	35.35	5.18	9.44	53.11	22.95	17.25
52	gi|119618365|gb|EAW97959.1|	249	263	9486	13.92	1.14	43.76	5.18	2.64	30.34	22.19	13.92
52	gi|119618365|gb|EAW97959.1|	250	264	9487	13.57	1.14	46.85	5.18	2.17	24.6	13.57	15.78
52	gi|119618365|gb|EAW97959.1|	251	265	9488	13.98	1.14	50.14	13.98	1.83	21.3	9.53	17.01
52	gi|119618365|gb|EAW97959.1|	252	266	9489	14.15	1.14	52.97	14.15	1.62	18.88	7.75	18.27
52	gi|119618365|gb|EAW97959.1|	253	267	9490	6.37	1.14	36.71	9.19	2.29	7.29	6.37	2.68
52	gi|119618365|gb|EAW97959.1|	254	268	9491	4.09	1.14	36.71	9.26	3.3	4.09	6.11	2.68
52	gi|119618365|gb|EAW97959.1|	255	269	9492	4.06	1.06	36.71	9.26	4.06	3.58	5.86	2.68
52	gi|119618365|gb|EAW97959.1|	256	270	9493	6.07	10.21	36.71	8.86	4.07	2.79	6.07	2.68
52	gi|119618365|gb|EAW97959.1|	257	271	9494	9.39	10.27	36.71	9.39	6.72	4.74	40.72	2.68
52	gi|119618365|gb|EAW97959.1|	258	272	9495	14.57	14.57	36.71	24.13	11.17	8.47	65.14	2.68
52	gi|119618365|gb|EAW97959.1|	411	425	9496	18.11	6.18	16.16	22.23	28.29	18.11	48.82	12.84
52	gi|119618365|gb|EAW97959.1|	412	426	9497	19.37	6.18	22.92	19.37	28.29	13.27	59.07	12.84
52	gi|119618365|gb|EAW97959.1|	413	427	9498	10.25	8.98	18.31	10.25	3.28	7.49	53.66	12.84

Table 2

52	gi|119618365|gb|EAW97959.1|	414	428	9499	9.36	8.98	23.28	9.36	3.61	8.56	46.66	12.84
52	gi|119618365|gb|EAW97959.1|	415	429	9500	9.58	8.98	25.4	7.91	3.77	9.58	39.26	12.84
52	gi|119618365|gb|EAW97959.1|	416	430	9501	14.26	8.98	30.63	8.9	4.38	14.26	46.19	15.2
52	gi|119618365|gb|EAW97959.1|	417	431	9502	14.15	8.98	35.27	10.47	7.1	27.19	48.72	14.15
52	gi|119618365|gb|EAW97959.1|	430	444	9503	11.78	27.33	11.06	9.6	62.5	42.81	11.78	10.36
52	gi|119618365|gb|EAW97959.1|	431	445	9504	14.37	27.54	14.37	9.85	49.96	44.63	12.3	10.57
52	gi|119618365|gb|EAW97959.1|	432	446	9505	19.3	40.46	13.62	14.19	48.02	43.61	9.72	19.3
52	gi|119618365|gb|EAW97959.1|	433	447	9506	19.77	36.66	17.6	14.87	44.28	48.14	8.42	19.77
52	gi|119618365|gb|EAW97959.1|	441	455	9507	20	9.56	34.61	24.92	20	16.39	37.19	12.84
52	gi|119618365|gb|EAW97959.1|	446	460	9508	15.82	25.83	15.82	17.93	12.76	5.38	29.93	2.01
52	gi|119618365|gb|EAW97959.1|	447	461	9509	16.91	40.72	16.91	19.69	11.95	1.93	32.35	1.99
52	gi|119618365|gb|EAW97959.1|	448	462	9510	11.43	9.61	17.77	22.58	11.43	0.97	26.46	1.88
52	gi|119618365|gb|EAW97959.1|	449	463	9511	11.23	9.61	19.8	22.77	11.23	0.92	28.12	1.69
52	gi|119618365|gb|EAW97959.1|	450	464	9512	18.65	9.61	24.58	24.41	18.65	1.33	22.96	1.93
52	gi|119618365|gb|EAW97959.1|	451	465	9513	18.73	9.61	29.82	43.96	31.82	4.09	18.73	3.49
52	gi|119618365|gb|EAW97959.1|	479	493	9514	19.29	15.89	18.53	26	29.57	19.29	42.64	12.23
52	gi|119618365|gb|EAW97959.1|	487	501	9515	10.25	10.25	9.41	16.26	2.24	19.8	34.86	4.74
52	gi|119618365|gb|EAW97959.1|	488	502	9516	11.55	10.25	11.55	18.65	2.08	18.56	33.46	6.78
52	gi|119618365|gb|EAW97959.1|	489	503	9517	15.27	10.25	15.27	19.13	2.02	21.33	26.13	6.77
52	gi|119618365|gb|EAW97959.1|	490	504	9518	19.5	10.25	20.77	19.5	2.14	22.77	20.76	8.16
52	gi|119618365|gb|EAW97959.1|	491	505	9519	19.23	10.25	26.08	21.21	3.69	25.88	19.23	8.43
52	gi|119618365|gb|EAW97959.1|	492	506	9520	19.54	12.36	25.03	19.54	6.17	31.79	30.06	19.41
52	gi|119618365|gb|EAW97959.1|	501	515	9521	19.56	9.07	19.56	22.78	31.41	34.53	13.47	7.95
52	gi|119618365|gb|EAW97959.1|	502	516	9522	18.89	9	21.36	18.89	36.06	29.17	16.74	7.87
52	gi|119618365|gb|EAW97959.1|	504	518	9523	14.07	9.06	27.7	8.96	51.21	30.84	14.07	8.01
52	gi|119618365|gb|EAW97959.1|	507	521	9524	17.27	17.27	14.74	20.45	3.68	38.55	34.01	1.57
52	gi|119618365|gb|EAW97959.1|	508	522	9525	17.9	17.9	15.53	21.87	3.23	23.36	32.68	1.56
52	gi|119618365|gb|EAW97959.1|	509	523	9526	18.41	18.41	17.63	24.83	2.93	23.93	36.44	1.64
52	gi|119618365|gb|EAW97959.1|	510	524	9527	19.72	17.9	19.72	36.73	2.55	20.9	36.44	1.56
52	gi|119618365|gb|EAW97959.1|	511	525	9528	18.26	18.26	13.38	21	4.37	26.22	37.08	1.62
52	gi|119618365|gb|EAW97959.1|	512	526	9529	19.27	47.33	18.1	19.27	7.39	33.56	43.64	4.81
52	gi|119618365|gb|EAW97959.1|	519	533	9530	11.66	1.38	9.96	21.07	54.82	4.52	35.23	11.66
52	gi|119618365|gb|EAW97959.1|	520	534	9531	11.66	1.38	10.42	21.4	54.82	2.83	35.23	11.66
52	gi|119618365|gb|EAW97959.1|	521	535	9532	11.66	1.38	10.74	22.49	54.82	3.31	35.23	11.66
52	gi|119618365|gb|EAW97959.1|	522	536	9533	13.12	1.38	13.12	14.14	35.65	4.05	35.23	11.66
52	gi|119618365|gb|EAW97959.1|	523	537	9534	15.36	1.49	20.42	14.65	35.65	6.12	16.77	15.36
52	gi|119618365|gb|EAW97959.1|	524	538	9535	14.55	4.52	22.5	14.55	35.65	11.27	19.29	14.24
52	gi|119618365|gb|EAW97959.1|	525	539	9536	19.8	5.91	63.5	14.61	35.65	32.82	19.71	19.8
52	gi|119618365|gb|EAW97959.1|	536	550	9537	16.47	2.41	3.55	28.21	16.47	43.17	66.33	2.92
52	gi|119618365|gb|EAW97959.1|	537	551	9538	16.45	2.41	5	27.48	16.45	25.83	56.56	2.94
52	gi|119618365|gb|EAW97959.1|	538	552	9539	15.23	2.41	5.58	27.8	15.23	17.31	50.55	2.92
52	gi|119618365|gb|EAW97959.1|	539	553	9540	14.97	2.41	7.21	36.5	14.97	15.71	45.14	2.92
52	gi|119618365|gb|EAW97959.1|	562	576	9541	18.62	18.62	17.9	36.05	1.55	23.53	44.35	16.56
52	gi|119618365|gb|EAW97959.1|	563	577	9542	16.56	18.62	12	28.93	1.34	14.08	75.93	16.56
52	gi|119618365|gb|EAW97959.1|	564	578	9543	16.56	18.62	14.65	28.58	1.36	11.04	79.48	16.56
52	gi|119618365|gb|EAW97959.1|	565	579	9544	16.56	18.62	16	28.41	2.56	14.96	62.78	16.56
52	gi|119618365|gb|EAW97959.1|	570	584	9545	19.11	51.21	0.79	19.11	9.64	21.55	56.65	1.4
52	gi|119618365|gb|EAW97959.1|	571	585	9546	8.98	8.98	0.81	14.02	9.64	5.24	56.65	1.4

Table 2

52	gi|119618365|gb|EAW97959.1|	572	586	9547	8.98	8.98	1.29	16.57	17.66	2.43	36.35	1.4
52	gi|119618365|gb|EAW97959.1|	573	587	9548	8.98	8.98	1.95	16.6	18.45	1.88	36.35	1.4
52	gi|119618365|gb|EAW97959.1|	574	588	9549	8.98	8.98	2.46	18.79	19.42	1.86	36.35	1.79
52	gi|119618365|gb|EAW97959.1|	575	589	9550	8.98	8.98	2.46	22.33	28.51	3.22	16.47	1.85
52	gi|119618365|gb|EAW97959.1|	576	590	9551	12.2	12.2	3.45	36.61	38.43	8.47	16.9	11.73
52	gi|119618365|gb|EAW97959.1|	627	641	9552	19.47	34.99	5.11	34.99	60.94	16.71	15.46	19.47
52	gi|119618365|gb|EAW97959.1|	631	645	9553	17.18	12.47	17.18	31.89	48.09	36.37	10.93	5.32
52	gi|119618365|gb|EAW97959.1|	633	647	9554	18.85	10.17	54.72	32.84	48.09	18.85	9.45	5.68
52	gi|119618365|gb|EAW97959.1|	634	648	9555	14.96	9.63	56.29	35.51	48.09	14.96	6.94	5.44
52	gi|119618365|gb|EAW97959.1|	635	649	9556	18.42	9.57	56.29	47.72	48.09	18.42	9.2	5.66
52	gi|119618365|gb|EAW97959.1|	674	688	9557	17.38	37.64	4.47	17.38	54.82	39.56	15.73	15.76
52	gi|119618365|gb|EAW97959.1|	675	689	9558	14.87	14.87	3.12	9.08	43.03	18.97	15.73	5.79
52	gi|119618365|gb|EAW97959.1|	676	690	9559	15.62	15.62	3.97	9.3	43.34	15.67	15.73	5.79
52	gi|119618365|gb|EAW97959.1|	677	691	9560	9.08	8.04	4.14	9.08	41.7	11.13	15.73	5.79
52	gi|119618365|gb|EAW97959.1|	678	692	9561	9.21	7.95	5.23	9.21	42.49	9.59	15.73	5.79
52	gi|119618365|gb|EAW97959.1|	679	693	9562	12.24	8.05	6.91	12.8	55.8	12.24	15.73	5.79
52	gi|119618365|gb|EAW97959.1|	680	694	9563	19.06	10.33	9.53	19.06	64.76	19.97	31.36	10.05
52	gi|119618365|gb|EAW97959.1|	730	744	9564	17.8	15.77	5.09	40.61	55.06	47.18	8.2	17.8
52	gi|119618365|gb|EAW97959.1|	731	745	9565	17.8	16.38	6.69	41.34	53.02	42.25	6.05	17.8
52	gi|119618365|gb|EAW97959.1|	732	746	9566	17.8	15.79	6.01	22.08	49.2	35.4	4.41	17.8
52	gi|119618365|gb|EAW97959.1|	738	752	9567	14.35	9.01	6.67	23.6	14.35	36.87	10.5	22.38
52	gi|119618365|gb|EAW97959.1|	739	753	9568	19.06	9.81	7.27	26.98	13.18	37.66	19.06	22.46
52	gi|119618365|gb|EAW97959.1|	740	754	9569	19.06	7.43	7.01	34.62	4.71	39.74	19.06	26.56
52	gi|119618365|gb|EAW97959.1|	741	755	9570	19.06	7.2	6.73	34.47	4.71	42.75	19.06	26.04
52	gi|119618365|gb|EAW97959.1|	749	763	9571	18.16	21.14	18.16	23.02	11.38	13.8	45.46	13.66
52	gi|119618365|gb|EAW97959.1|	750	764	9572	18.16	20.96	18.16	23.61	11.38	10.96	40.43	13.66
52	gi|119618365|gb|EAW97959.1|	751	765	9573	16.35	21.91	18.16	31.14	11.38	10.69	16.35	13.66
52	gi|119618365|gb|EAW97959.1|	752	766	9574	16.35	22.07	18.16	31.35	11.38	14.27	16.35	13.66
53	gi|119618366|gb|EAW97960.1|	168	182	9575	18.78	8.75	17.18	44.57	6.71	48.5	18.78	26.89
53	gi|119618366|gb|EAW97960.1|	169	183	9576	19.64	7.45	19.62	43.08	6.71	62.8	20.72	19.64
53	gi|119618366|gb|EAW97960.1|	246	260	9577	18.44	13.22	73.47	5.18	5.9	71.16	23.62	18.44
53	gi|119618366|gb|EAW97960.1|	247	261	9578	17.25	17.18	35.35	5.18	9.44	53.11	22.95	17.25
53	gi|119618366|gb|EAW97960.1|	249	263	9579	13.92	1.14	43.76	5.18	2.64	30.34	22.19	13.92
53	gi|119618366|gb|EAW97960.1|	250	264	9580	13.57	1.14	46.85	5.18	2.17	24.6	13.57	15.78
53	gi|119618366|gb|EAW97960.1|	251	265	9581	13.98	1.14	50.14	13.98	1.83	21.3	9.53	17.01
53	gi|119618366|gb|EAW97960.1|	252	266	9582	14.15	1.14	52.97	14.15	1.62	18.88	7.75	18.27
53	gi|119618366|gb|EAW97960.1|	253	267	9583	6.37	1.14	36.71	9.19	2.29	7.29	6.37	2.68
53	gi|119618366|gb|EAW97960.1|	254	268	9584	4.09	1.14	36.71	9.26	3.3	4.09	6.11	2.68
53	gi|119618366|gb|EAW97960.1|	255	269	9585	4.06	1.06	36.71	9.26	4.06	3.58	5.86	2.68
53	gi|119618366|gb|EAW97960.1|	256	270	9586	6.07	10.21	36.71	8.86	4.07	2.79	6.07	2.68
53	gi|119618366|gb|EAW97960.1|	257	271	9587	9.39	10.27	36.71	9.39	6.72	4.74	40.72	2.68
53	gi|119618366|gb|EAW97960.1|	258	272	9588	14.57	14.57	36.71	24.13	11.17	8.47	65.14	2.68
53	gi|119618366|gb|EAW97960.1|	411	425	9589	18.11	6.18	16.16	22.23	28.29	18.11	48.82	12.84
53	gi|119618366|gb|EAW97960.1|	412	426	9590	19.37	6.18	22.92	19.37	28.29	13.27	59.07	12.84
53	gi|119618366|gb|EAW97960.1|	413	427	9591	10.25	8.98	18.31	10.25	3.28	7.49	53.66	12.84
53	gi|119618366|gb|EAW97960.1|	414	428	9592	9.36	8.98	23.28	9.36	3.61	8.56	46.66	12.84
53	gi|119618366|gb|EAW97960.1|	415	429	9593	9.58	8.98	25.4	7.91	3.77	9.58	39.26	12.84
53	gi|119618366|gb|EAW97960.1|	416	430	9594	14.26	8.98	30.63	8.9	4.38	14.26	46.19	15.2

Table 2

53	gi|119618366|gb|EAW97960.1|	417	431	9595	14.15	8.98	35.27	10.47	7.1	27.19	48.72	14.15
53	gi|119618366|gb|EAW97960.1|	452	466	9596	19.29	15.89	18.53	26	29.57	19.29	42.64	12.23
53	gi|119618366|gb|EAW97960.1|	460	474	9597	10.25	10.25	9.41	16.26	2.24	19.8	34.86	4.74
53	gi|119618366|gb|EAW97960.1|	461	475	9598	11.55	10.25	11.55	18.65	2.08	18.56	33.46	6.78
53	gi|119618366|gb|EAW97960.1|	462	476	9599	15.27	10.25	15.27	19.13	2.02	21.33	26.13	6.77
53	gi|119618366|gb|EAW97960.1|	463	477	9600	19.5	10.25	20.77	19.5	2.14	22.77	20.76	8.16
53	gi|119618366|gb|EAW97960.1|	464	478	9601	19.23	10.25	26.08	21.21	3.69	25.88	19.23	8.43
53	gi|119618366|gb|EAW97960.1|	465	479	9602	19.54	12.36	25.03	19.54	6.17	31.79	30.06	19.41
53	gi|119618366|gb|EAW97960.1|	474	488	9603	19.56	9.07	19.56	22.78	31.41	34.53	13.47	7.95
53	gi|119618366|gb|EAW97960.1|	475	489	9604	18.89	9	21.36	18.89	36.06	29.17	16.74	7.87
53	gi|119618366|gb|EAW97960.1|	477	491	9605	14.07	9.06	27.7	8.96	51.21	30.84	14.07	8.01
53	gi|119618366|gb|EAW97960.1|	480	494	9606	17.27	17.27	14.74	20.45	3.68	38.55	34.01	1.57
53	gi|119618366|gb|EAW97960.1|	481	495	9607	17.9	17.9	15.53	21.87	3.23	23.36	32.68	1.56
53	gi|119618366|gb|EAW97960.1|	482	496	9608	18.41	18.41	17.63	24.83	2.93	23.93	36.44	1.64
53	gi|119618366|gb|EAW97960.1|	483	497	9609	19.72	17.9	19.72	36.73	2.55	20.9	36.44	1.56
53	gi|119618366|gb|EAW97960.1|	484	498	9610	18.26	18.26	13.38	21	4.37	26.22	37.08	1.62
53	gi|119618366|gb|EAW97960.1|	485	499	9611	19.27	47.33	18.1	19.27	7.39	33.56	43.64	4.81
53	gi|119618366|gb|EAW97960.1|	492	506	9612	11.66	1.38	9.96	21.07	54.82	4.52	35.23	11.66
53	gi|119618366|gb|EAW97960.1|	493	507	9613	11.66	1.38	10.42	21.4	54.82	2.83	35.23	11.66
53	gi|119618366|gb|EAW97960.1|	494	508	9614	11.66	1.38	10.74	22.49	54.82	3.31	35.23	11.66
53	gi|119618366|gb|EAW97960.1|	495	509	9615	13.12	1.38	13.12	14.14	35.65	4.05	35.23	11.66
53	gi|119618366|gb|EAW97960.1|	496	510	9616	15.36	1.49	20.42	14.65	35.65	6.12	16.77	15.36
53	gi|119618366|gb|EAW97960.1|	497	511	9617	14.55	4.52	22.5	14.55	35.65	11.27	19.29	14.24
53	gi|119618366|gb|EAW97960.1|	498	512	9618	19.8	5.91	63.5	14.61	35.65	32.82	19.71	19.8
53	gi|119618366|gb|EAW97960.1|	509	523	9619	16.47	2.41	3.55	28.21	16.47	43.17	66.33	2.92
53	gi|119618366|gb|EAW97960.1|	510	524	9620	16.45	2.41	5	27.48	16.45	25.83	56.56	2.94
53	gi|119618366|gb|EAW97960.1|	511	525	9621	15.23	2.41	5.58	27.8	15.23	17.31	50.55	2.92
53	gi|119618366|gb|EAW97960.1|	512	526	9622	14.97	2.41	7.21	36.5	14.97	15.71	45.14	2.92
53	gi|119618366|gb|EAW97960.1|	535	549	9623	18.62	18.62	17.9	36.05	1.55	23.53	44.35	16.56
53	gi|119618366|gb|EAW97960.1|	536	550	9624	16.56	18.62	12	28.93	1.34	14.08	75.93	16.56
53	gi|119618366|gb|EAW97960.1|	537	551	9625	16.56	18.62	14.65	28.58	1.36	11.04	79.48	16.56
53	gi|119618366|gb|EAW97960.1|	538	552	9626	16.56	18.62	16	28.41	2.56	14.96	62.78	16.56
53	gi|119618366|gb|EAW97960.1|	543	557	9627	19.11	51.21	0.79	19.11	9.64	21.55	56.65	1.4
53	gi|119618366|gb|EAW97960.1|	544	558	9628	8.98	8.98	0.81	14.02	9.64	5.24	56.65	1.4
53	gi|119618366|gb|EAW97960.1|	545	559	9629	8.98	8.98	1.29	16.57	17.66	2.43	36.35	1.4
53	gi|119618366|gb|EAW97960.1|	546	560	9630	8.98	8.98	1.95	16.6	18.45	1.88	36.35	1.4
53	gi|119618366|gb|EAW97960.1|	547	561	9631	8.98	8.98	2.46	18.79	19.42	1.86	36.35	1.79
53	gi|119618366|gb|EAW97960.1|	548	562	9632	8.98	8.98	2.46	22.33	28.51	3.22	16.47	1.85
53	gi|119618366|gb|EAW97960.1|	549	563	9633	12.2	12.2	3.45	36.61	38.43	8.47	16.9	11.73
53	gi|119618366|gb|EAW97960.1|	600	614	9634	19.47	34.99	5.11	34.99	60.94	16.71	15.46	19.47
53	gi|119618366|gb|EAW97960.1|	604	618	9635	17.18	12.47	17.18	31.89	48.09	36.37	10.93	5.32
53	gi|119618366|gb|EAW97960.1|	606	620	9636	18.85	10.17	54.72	32.84	48.09	18.85	9.45	5.68
53	gi|119618366|gb|EAW97960.1|	607	621	9637	14.96	9.63	56.29	35.51	48.09	14.96	6.94	5.44
53	gi|119618366|gb|EAW97960.1|	608	622	9638	18.42	9.57	56.29	47.72	48.09	18.42	9.2	5.66
53	gi|119618366|gb|EAW97960.1|	647	661	9639	17.38	37.64	4.47	17.38	54.82	39.56	15.73	15.76
53	gi|119618366|gb|EAW97960.1|	648	662	9640	14.87	14.87	3.12	9.08	43.03	18.97	15.73	5.79
53	gi|119618366|gb|EAW97960.1|	649	663	9641	15.62	15.62	3.97	9.3	43.34	15.67	15.73	5.79
53	gi|119618366|gb|EAW97960.1|	650	664	9642	9.08	8.04	4.14	9.08	41.7	11.13	15.73	5.79

Table 2

53	gi|119618366|gb|EAW97960.1|	651	665	9643	9.21	7.95	5.23	9.21	42.49	9.59	15.73	5.79
53	gi|119618366|gb|EAW97960.1|	652	666	9644	12.24	8.05	6.91	12.8	55.8	12.24	15.73	5.79
53	gi|119618366|gb|EAW97960.1|	653	667	9645	19.06	10.33	9.53	19.06	64.76	19.97	31.36	10.05
53	gi|119618366|gb|EAW97960.1|	703	717	9646	17.8	15.77	5.09	40.61	55.06	47.18	8.2	17.8
53	gi|119618366|gb|EAW97960.1|	704	718	9647	17.8	16.38	6.69	41.34	53.02	42.25	6.05	17.8
53	gi|119618366|gb|EAW97960.1|	705	719	9648	17.8	15.79	6.01	22.08	49.2	35.4	4.41	17.8
53	gi|119618366|gb|EAW97960.1|	711	725	9649	14.35	9.01	6.67	23.6	14.35	36.87	10.5	22.38
53	gi|119618366|gb|EAW97960.1|	712	726	9650	19.06	9.81	7.27	26.98	13.18	37.66	19.06	22.46
53	gi|119618366|gb|EAW97960.1|	713	727	9651	19.06	7.43	7.01	34.62	4.71	39.74	19.06	26.56
53	gi|119618366|gb|EAW97960.1|	714	728	9652	19.06	7.2	6.73	34.47	4.71	42.75	19.06	26.04
53	gi|119618366|gb|EAW97960.1|	722	736	9653	18.16	21.14	18.16	23.02	11.38	13.8	45.46	13.66
53	gi|119618366|gb|EAW97960.1|	723	737	9654	18.16	20.96	18.16	23.61	11.38	10.96	40.43	13.66
53	gi|119618366|gb|EAW97960.1|	724	738	9655	16.35	21.91	18.16	31.14	11.38	10.69	16.35	13.66
53	gi|119618366|gb|EAW97960.1|	725	739	9656	16.35	22.07	18.16	31.35	11.38	14.27	16.35	13.66
54	gi|148536844|ref|NP_000059.3|	42	56	9657	12.4	15.15	12.4	24.19	42.99	6.57	9.08	6.6
54	gi|148536844|ref|NP_000059.3|	43	57	9658	7.34	15.15	12.24	24.19	7.34	2.2	7.27	6.6
54	gi|148536844|ref|NP_000059.3|	44	58	9659	7.34	15.15	12.12	24.19	7.34	1.51	5.32	6.6
54	gi|148536844|ref|NP_000059.3|	45	59	9660	8.07	15.15	10.25	24.19	7.34	1.28	8.07	6.45
54	gi|148536844|ref|NP_000059.3|	46	60	9661	12.81	15.15	12.81	21.31	7.34	1.88	20.77	6.6
54	gi|148536844|ref|NP_000059.3|	47	61	9662	8.31	15.15	8.31	26.45	7.34	4.84	24.52	6.6
54	gi|148536844|ref|NP_000059.3|	48	62	9663	14.92	15.15	6.59	28.35	7.34	14.92	24.52	6.6
54	gi|148536844|ref|NP_000059.3|	52	66	9664	19.17	21.27	9.92	17.95	19.17	37.18	16.02	32.24
54	gi|148536844|ref|NP_000059.3|	53	67	9665	14.51	13.28	6.59	2.25	19.17	38.78	14.51	14.56
54	gi|148536844|ref|NP_000059.3|	54	68	9666	14.51	11.59	6.88	2.15	19.17	30.09	14.51	15.37
54	gi|148536844|ref|NP_000059.3|	55	69	9667	14.51	11.59	26.63	2.15	19.17	25.22	14.51	12.28
54	gi|148536844|ref|NP_000059.3|	56	70	9668	14.51	11.59	38.55	2.15	19.17	23.63	14.51	6.65
54	gi|148536844|ref|NP_000059.3|	57	71	9669	14.51	11.59	41.25	2.38	31.63	23.51	14.51	6.82
54	gi|148536844|ref|NP_000059.3|	58	72	9670	14.51	11.59	25.33	7.63	35.34	24.45	14.51	8.07
54	gi|148536844|ref|NP_000059.3|	59	73	9671	16.71	16.71	28.53	7.94	36.7	27.05	11.09	8.06
54	gi|148536844|ref|NP_000059.3|	66	80	9672	8.1	1.81	4.9	6.5	14.3	8.1	32.43	18.44
54	gi|148536844|ref|NP_000059.3|	67	81	9673	5.85	0.81	5.85	5.82	13	3.98	37.02	18.44
54	gi|148536844|ref|NP_000059.3|	68	82	9674	8.09	0.48	8.09	5.8	13.29	3.21	31.09	16.56
54	gi|148536844|ref|NP_000059.3|	69	83	9675	12.68	0.47	12.68	5.8	13.59	4.09	29.46	16.56
54	gi|148536844|ref|NP_000059.3|	70	84	9676	16.56	1.13	17.42	5.88	17.26	6.19	24.41	16.56
54	gi|148536844|ref|NP_000059.3|	71	85	9677	16.56	2.5	17.78	13	22.8	12.53	18.54	16.56
54	gi|148536844|ref|NP_000059.3|	72	86	9678	16.56	6.18	26.78	10.64	28.18	35.12	14.59	16.56
54	gi|148536844|ref|NP_000059.3|	73	87	9679	13.96	6.18	2.44	13.96	7.39	33.45	16.65	15.91
54	gi|148536844|ref|NP_000059.3|	74	88	9680	10.81	6.18	2.99	10.81	7.77	12.18	15.05	15.91
54	gi|148536844|ref|NP_000059.3|	75	89	9681	5.09	2.64	4.12	8.79	4.9	5.09	13.03	14.36
54	gi|148536844|ref|NP_000059.3|	76	90	9682	5.45	1.48	5.45	8.95	4.73	2.76	13.4	10.94
54	gi|148536844|ref|NP_000059.3|	77	91	9683	8.11	1.14	8.11	12.94	5.15	2.49	28.45	12.98
54	gi|148536844|ref|NP_000059.3|	78	92	9684	10.7	1.56	10.7	17.43	5.76	2.88	58.54	15.49
54	gi|148536844|ref|NP_000059.3|	79	93	9685	14.93	3.18	14.93	27.28	8.63	6.45	77.17	15.91
54	gi|148536844|ref|NP_000059.3|	80	94	9686	14.12	6.14	28.91	5.55	14.12	14.6	42.54	3.44
54	gi|148536844|ref|NP_000059.3|	95	109	9687	16.31	69.86	16.31	13.25	18.78	67.6	15.7	2.52
54	gi|148536844|ref|NP_000059.3|	96	110	9688	4.14	50.68	4.14	2.42	2.3	56.42	15.37	2.05
54	gi|148536844|ref|NP_000059.3|	97	111	9689	4.14	7.5	4.14	2.4	2.12	50.08	15.64	2.04
54	gi|148536844|ref|NP_000059.3|	98	112	9690	4.14	7.14	4.14	2.48	2.09	49.42	4.85	1.98

Table 2

54	gi|148536844|ref|NP_000059.3|	99	113	9691	3.86	6.64	3.86	2.14	2.71	37.77	4.85	1.9
54	gi|148536844|ref|NP_000059.3|	100	114	9692	4.14	6.35	4.14	2.14	2.68	33.09	4.85	1.84
54	gi|148536844|ref|NP_000059.3|	101	115	9693	4.85	5.4	4.14	2.54	4.93	30.44	4.85	2.12
54	gi|148536844|ref|NP_000059.3|	102	116	9694	3.31	3.31	4.14	2.32	0.44	28.29	4.85	2.13
54	gi|148536844|ref|NP_000059.3|	103	117	9695	4.85	4.29	10.86	4.8	16.96	27.88	4.85	4.01
54	gi|148536844|ref|NP_000059.3|	104	118	9696	7.51	5.69	13.07	7.51	14.96	32.43	4.85	6.39
54	gi|148536844|ref|NP_000059.3|	105	119	9697	13.07	5.69	13.07	9.17	13.79	42.46	23.66	6.51
54	gi|148536844|ref|NP_000059.3|	107	121	9698	8.78	5.69	21.88	8.78	19.48	37.57	5.17	4.17
54	gi|148536844|ref|NP_000059.3|	108	122	9699	8.83	5.69	24.91	8.83	21.3	37.99	5.17	4.38
54	gi|148536844|ref|NP_000059.3|	109	123	9700	8.7	7.72	29.72	8.7	23.46	41.71	5.17	4.44
54	gi|148536844|ref|NP_000059.3|	110	124	9701	7.59	5.75	35.68	7.59	22.99	44.2	4.96	4.53
54	gi|148536844|ref|NP_000059.3|	111	125	9702	9.56	7.23	38.58	9.56	23.46	48.21	4.08	4.67
54	gi|148536844|ref|NP_000059.3|	112	126	9703	13.57	9.27	46.3	13.57	23.46	54.98	3.64	12.69
54	gi|148536844|ref|NP_000059.3|	138	152	9704	9.83	16.14	2.07	8.28	9.83	18.51	44.34	1.19
54	gi|148536844|ref|NP_000059.3|	139	153	9705	9.05	15.33	1.64	5.81	9.98	9.05	37.83	1.23
54	gi|148536844|ref|NP_000059.3|	140	154	9706	5.34	11.02	2.05	4.8	11.13	5.34	30.47	1.21
54	gi|148536844|ref|NP_000059.3|	141	155	9707	4.8	10.92	2.09	4.8	11.57	4.19	25.13	2.28
54	gi|148536844|ref|NP_000059.3|	142	156	9708	8.01	11.02	3.22	8.01	16.75	5.34	38.69	2.68
54	gi|148536844|ref|NP_000059.3|	143	157	9709	8.44	15.27	3.41	8.01	24.64	8.44	42.92	2.68
54	gi|148536844|ref|NP_000059.3|	144	158	9710	15.89	15.89	5.27	3.63	32.83	22.92	31.9	2.68
54	gi|148536844|ref|NP_000059.3|	145	159	9711	4.79	22.4	12.46	3.31	1.96	38.22	4.79	4.24
54	gi|148536844|ref|NP_000059.3|	146	160	9712	4.18	21.11	12.46	3.16	1.99	52.78	4.18	4.08
54	gi|148536844|ref|NP_000059.3|	147	161	9713	4.21	18.37	12.46	2.54	2	31.28	4.21	2.44
54	gi|148536844|ref|NP_000059.3|	148	162	9714	6.74	20	13.51	2.66	2.14	24.76	6.74	2.44
54	gi|148536844|ref|NP_000059.3|	149	163	9715	11.92	19.98	13.79	2.64	2.31	22.73	11.92	2.44
54	gi|148536844|ref|NP_000059.3|	150	164	9716	17.9	28.39	25.23	2.68	7.49	22.73	17.9	2.44
54	gi|148536844|ref|NP_000059.3|	151	165	9717	2.44	29.89	0.88	1.88	0.76	14.44	28.07	2.44
54	gi|148536844|ref|NP_000059.3|	152	166	9718	7	32.74	1.17	1.88	30.67	7	28.15	2.44
54	gi|148536844|ref|NP_000059.3|	153	167	9719	5.94	31.87	1.78	4.71	30.67	5.94	29	2.44
54	gi|148536844|ref|NP_000059.3|	154	168	9720	6.3	34.93	1.88	6.3	38.77	6.14	62.75	5.3
54	gi|148536844|ref|NP_000059.3|	155	169	9721	6.9	36.21	1.88	6.54	48.51	6.3	59.52	6.9
54	gi|148536844|ref|NP_000059.3|	156	170	9722	10.14	46.16	1.88	7.95	57.11	9.92	74.9	10.14
54	gi|148536844|ref|NP_000059.3|	157	171	9723	17.19	64.27	1.88	8.22	64.76	17.19	71.87	12.23
54	gi|148536844|ref|NP_000059.3|	168	182	9724	10.24	4.7	10.24	6.49	15.22	66.72	28.9	0.52
54	gi|148536844|ref|NP_000059.3|	169	183	9725	10.24	4.7	10.24	2.05	17.34	62.59	22.49	0.5
54	gi|148536844|ref|NP_000059.3|	170	184	9726	10.24	4.37	10.24	2.03	19.2	64	22.49	0.5
54	gi|148536844|ref|NP_000059.3|	171	185	9727	10.24	4.37	10.24	1.88	21.49	63.17	22.49	0.48
54	gi|148536844|ref|NP_000059.3|	172	186	9728	10.24	4.37	10.24	1.55	30.99	62.61	22.49	0.48
54	gi|148536844|ref|NP_000059.3|	173	187	9729	10.24	4.37	10.24	2.21	40.62	65.94	22.49	1.59
54	gi|148536844|ref|NP_000059.3|	174	188	9730	10.24	4.37	10.24	4.19	49.85	73.14	22.49	1.59
54	gi|148536844|ref|NP_000059.3|	175	189	9731	9.21	4.37	9.21	4.98	28.48	71.08	22.49	4.78
54	gi|148536844|ref|NP_000059.3|	176	190	9732	10.6	4.37	10.6	8.18	25.58	71.08	28.76	5.79
54	gi|148536844|ref|NP_000059.3|	177	191	9733	18.35	6.71	9.54	18.35	23.41	67.55	28.76	13.11
54	gi|148536844|ref|NP_000059.3|	185	199	9734	3.66	1.54	1.59	2.61	21.44	3.66	21.35	6.6
54	gi|148536844|ref|NP_000059.3|	186	200	9735	2.61	2.57	1.1	2.61	21.89	0.81	12.24	6.6
54	gi|148536844|ref|NP_000059.3|	187	201	9736	2.63	2.63	1.43	2.61	29.59	0.37	6.52	6.6
54	gi|148536844|ref|NP_000059.3|	188	202	9737	2.61	1.99	1.61	2.61	37.69	0.27	3.16	6.6
54	gi|148536844|ref|NP_000059.3|	189	203	9738	1.99	1.99	1.61	2.61	37.97	0.17	1.88	6.6

Table 2

54	gi|148536844|ref|NP_000059.3|	190	204	9739	1.99	1.99	1.61	4.25	37.97	0.24	1.45	6.6
54	gi|148536844|ref|NP_000059.3|	191	205	9740	1.38	1.97	1.38	1.81	37.97	0.17	0.59	0.49
54	gi|148536844|ref|NP_000059.3|	192	206	9741	1.61	1.97	1.61	2.32	54.96	0.17	0.55	0.47
54	gi|148536844|ref|NP_000059.3|	193	207	9742	1.97	1.97	2.39	1.99	58.41	0.37	0.52	0.46
54	gi|148536844|ref|NP_000059.3|	194	208	9743	1.97	1.97	3.52	2.25	59.54	0.69	0.47	0.48
54	gi|148536844|ref|NP_000059.3|	195	209	9744	1.97	1.97	6.09	2.5	59.86	1.51	0.83	0.51
54	gi|148536844|ref|NP_000059.3|	196	210	9745	4.2	2.21	9.53	6.3	64.95	4.2	0.88	2.02
54	gi|148536844|ref|NP_000059.3|	197	211	9746	2.3	2.21	4.85	2.3	64.9	12.84	0.73	1.74
54	gi|148536844|ref|NP_000059.3|	198	212	9747	7.51	9.16	7.51	2.56	62.72	14.55	1.71	3.83
54	gi|148536844|ref|NP_000059.3|	199	213	9748	2.87	2.05	7.36	2.62	66.26	7.86	1.69	2.87
54	gi|148536844|ref|NP_000059.3|	200	214	9749	2.51	2.04	3.23	1.54	63.38	3.6	1.84	2.51
54	gi|148536844|ref|NP_000059.3|	201	215	9750	2.41	2.41	3.51	1.57	63.69	2.07	1.86	2.56
54	gi|148536844|ref|NP_000059.3|	202	216	9751	2.99	2.41	3.55	2.99	66.28	1.8	1.83	3.76
54	gi|148536844|ref|NP_000059.3|	203	217	9752	2.92	2.41	4.94	2.92	67.74	2.23	2.52	3.25
54	gi|148536844|ref|NP_000059.3|	204	218	9753	5.67	4.87	9.28	4.86	71.14	5.23	5.67	11.11
54	gi|148536844|ref|NP_000059.3|	205	219	9754	11.11	4.89	10.55	13.51	72.33	19.72	5.67	11.11
54	gi|148536844|ref|NP_000059.3|	206	220	9755	9.97	4.35	12.9	9.6	70.57	32.19	1.73	9.97
54	gi|148536844|ref|NP_000059.3|	207	221	9756	8.42	6.22	21.36	7.93	72.01	28.18	1.72	8.42
54	gi|148536844|ref|NP_000059.3|	208	222	9757	5.8	2.96	24.23	3.96	68.09	20.98	2.45	5.8
54	gi|148536844|ref|NP_000059.3|	209	223	9758	3.59	1.24	16.6	3.51	61.28	15.92	2.13	3.59
54	gi|148536844|ref|NP_000059.3|	210	224	9759	2.13	1.15	1.5	2.13	58.83	10.7	1.33	2.49
54	gi|148536844|ref|NP_000059.3|	211	225	9760	2.21	1.29	2.05	2.21	4.63	9.91	1.32	3.21
54	gi|148536844|ref|NP_000059.3|	212	226	9761	3.16	1.22	1.67	3.16	4.63	9.25	1.14	4.17
54	gi|148536844|ref|NP_000059.3|	213	227	9762	2.75	1.01	1.48	2.75	4.63	8.5	0.61	4.42
54	gi|148536844|ref|NP_000059.3|	214	228	9763	2.2	1.01	2.2	3.33	4.63	6.27	0.45	1.27
54	gi|148536844|ref|NP_000059.3|	215	229	9764	3.04	1.28	3.04	7.16	4.63	4.5	0.56	1.27
54	gi|148536844|ref|NP_000059.3|	216	230	9765	4.63	1.28	4.96	8.04	4.63	5.29	0.59	1.27
54	gi|148536844|ref|NP_000059.3|	217	231	9766	4.7	4.7	19.68	7.14	4.63	5.95	0.58	1.27
54	gi|148536844|ref|NP_000059.3|	218	232	9767	6.72	4.7	19.68	6.72	28.54	10.09	0.21	1.27
54	gi|148536844|ref|NP_000059.3|	219	233	9768	5.82	4.7	19.68	5.82	28.54	20.18	0.22	3.71
54	gi|148536844|ref|NP_000059.3|	220	234	9769	4.02	3.99	24.21	4.02	53.14	38.99	1.73	3.59
54	gi|148536844|ref|NP_000059.3|	221	235	9770	8.63	2.86	31.2	3.82	31.23	53.55	2.22	8.63
54	gi|148536844|ref|NP_000059.3|	222	236	9771	10.86	2.85	32.16	5.01	29.28	63.1	2.86	10.86
54	gi|148536844|ref|NP_000059.3|	223	237	9772	5.21	2.76	28.3	4.35	5.21	66.31	2.86	10.46
54	gi|148536844|ref|NP_000059.3|	224	238	9773	5.35	3.01	9.21	5.35	5.21	72.97	2.86	12.45
54	gi|148536844|ref|NP_000059.3|	225	239	9774	2.46	1.32	2.46	0.11	5.21	80.61	4.45	2.05
54	gi|148536844|ref|NP_000059.3|	226	240	9775	2.46	1.45	2.46	0.09	5.21	85.95	4.45	2.05
54	gi|148536844|ref|NP_000059.3|	227	241	9776	2.46	1.45	2.46	0.08	5.21	85.67	4.45	2.05
54	gi|148536844|ref|NP_000059.3|	228	242	9777	1.16	4.01	0.18	0.07	0.2	82.81	4.45	1.16
54	gi|148536844|ref|NP_000059.3|	229	243	9778	0.91	4.01	0.18	0.07	0.18	79.22	0.91	1.16
54	gi|148536844|ref|NP_000059.3|	230	244	9779	1.42	5.27	0.5	0.42	0.26	80.39	1.42	2.15
54	gi|148536844|ref|NP_000059.3|	231	245	9780	0.59	5.57	0.59	0.34	0.38	80.2	0.58	2.08
54	gi|148536844|ref|NP_000059.3|	232	246	9781	1.34	4.04	1.34	0.95	0.43	77.08	0.59	2.75
54	gi|148536844|ref|NP_000059.3|	233	247	9782	1.75	4.31	1.75	1.02	1.11	72.6	0.54	3.49
54	gi|148536844|ref|NP_000059.3|	234	248	9783	1.81	4.31	1.81	0.99	0.74	69.52	0.71	3.97
54	gi|148536844|ref|NP_000059.3|	235	249	9784	4.31	4.31	2.03	1.1	10.91	69.24	0.72	4.74
54	gi|148536844|ref|NP_000059.3|	236	250	9785	4.31	4.31	2.42	3.04	10.91	67.16	4.04	5.44
54	gi|148536844|ref|NP_000059.3|	237	251	9786	5.16	7.35	2.59	3.39	10.91	57.93	4.04	5.16

Table 2

54	gi|148536844|ref|NP_000059.3|	294	308	9787	18.2	18.2	54.97	8.57	6.34	29.76	39.21	17.18
54	gi|148536844|ref|NP_000059.3|	295	309	9788	14.01	14.48	14.01	7.41	6.34	24.82	33.73	12.86
54	gi|148536844|ref|NP_000059.3|	296	310	9789	14.01	16.36	14.01	6.15	6.34	25.89	41.22	12.86
54	gi|148536844|ref|NP_000059.3|	297	311	9790	14.01	22.89	14.01	9.76	6.34	30.68	47.33	12.86
54	gi|148536844|ref|NP_000059.3|	298	312	9791	9.43	3.6	14.01	8.03	6.34	44.14	37.93	9.43
54	gi|148536844|ref|NP_000059.3|	299	313	9792	14.01	4.56	14.01	8.81	22.03	63.39	37.93	8.93
54	gi|148536844|ref|NP_000059.3|	300	314	9793	9.59	4.59	9.71	9.43	28.08	76.52	9.59	8.45
54	gi|148536844|ref|NP_000059.3|	301	315	9794	9.71	4.36	9.71	11.87	27.35	75.28	8.18	8.44
54	gi|148536844|ref|NP_000059.3|	302	316	9795	9.71	4.39	9.71	16.63	28.08	77.47	9.34	8.91
54	gi|148536844|ref|NP_000059.3|	303	317	9796	11.24	11.24	9.71	14.38	28.08	77.89	6.31	9.86
54	gi|148536844|ref|NP_000059.3|	304	318	9797	11.91	11.91	11.13	20.72	28.08	79.68	6.07	11.75
54	gi|148536844|ref|NP_000059.3|	309	323	9798	17.02	15.17	40.05	31.11	3.26	68.55	12.97	17.02
54	gi|148536844|ref|NP_000059.3|	310	324	9799	17.31	12.9	41.52	29.47	2.97	66.44	12.84	17.31
54	gi|148536844|ref|NP_000059.3|	331	345	9800	9.71	12.33	9.71	1.77	0.29	73.08	44.76	1.4
54	gi|148536844|ref|NP_000059.3|	332	346	9801	5.32	5.32	9.71	1.06	0.68	68.73	44.76	1.16
54	gi|148536844|ref|NP_000059.3|	333	347	9802	5.68	5.68	9.71	1.1	0.73	68.62	44.76	1.17
54	gi|148536844|ref|NP_000059.3|	334	348	9803	5.67	5.67	9.71	1.12	0.98	68.03	40.49	1.16
54	gi|148536844|ref|NP_000059.3|	335	349	9804	5.63	5.63	9.71	1.15	0.67	66.8	40.49	1.16
54	gi|148536844|ref|NP_000059.3|	336	350	9805	9.71	16.2	9.71	2.4	1.07	66.96	40.49	2.71
54	gi|148536844|ref|NP_000059.3|	337	351	9806	10.87	10.87	9.71	0.16	36.82	66.08	37.91	0.59
54	gi|148536844|ref|NP_000059.3|	338	352	9807	9.56	7.31	28.3	0.27	33.93	64.45	9.56	0.57
54	gi|148536844|ref|NP_000059.3|	339	353	9808	9.56	2.58	36.71	0.27	32.2	63.1	9.56	0.57
54	gi|148536844|ref|NP_000059.3|	340	354	9809	9.56	2.43	13.24	0.16	30.42	62.65	9.56	0.51
54	gi|148536844|ref|NP_000059.3|	341	355	9810	9.56	2.33	14.57	0.16	31.95	62.4	9.56	0.53
54	gi|148536844|ref|NP_000059.3|	342	356	9811	9.56	2.29	14.67	0.42	30.64	66.92	9.56	2.01
54	gi|148536844|ref|NP_000059.3|	343	357	9812	9.56	2.36	21.95	0.41	30.64	70.43	9.56	1.92
54	gi|148536844|ref|NP_000059.3|	344	358	9813	9.56	2.71	26.13	3.63	17.27	55.98	9.56	4.34
54	gi|148536844|ref|NP_000059.3|	345	359	9814	18.13	2.71	31.89	4.23	18.13	45.63	40.09	4.01
54	gi|148536844|ref|NP_000059.3|	367	381	9815	17.13	12.35	42.98	17.13	31.91	16.95	37.78	2.63
54	gi|148536844|ref|NP_000059.3|	368	382	9816	17.49	17.49	46.92	17.13	41.06	15.67	22.82	2.6
54	gi|148536844|ref|NP_000059.3|	370	384	9817	16.34	15.15	42.98	21.36	63.79	16.34	1.78	2.63
54	gi|148536844|ref|NP_000059.3|	371	385	9818	13.92	10.92	42.98	18.14	51.89	13.92	0.1	3.84
54	gi|148536844|ref|NP_000059.3|	372	386	9819	14.15	10.92	42.98	23.37	51.89	14.15	0.1	5.05
54	gi|148536844|ref|NP_000059.3|	373	387	9820	14.51	3.01	42.98	24.06	51.89	14.51	0.1	2.25
54	gi|148536844|ref|NP_000059.3|	416	430	9821	14.81	11.2	11.03	44.01	75.22	14.81	27.85	5.77
54	gi|148536844|ref|NP_000059.3|	417	431	9822	12.13	11.05	11.03	36.78	75.22	12.13	23.99	5.66
54	gi|148536844|ref|NP_000059.3|	418	432	9823	15.72	11.41	11.03	37.03	75.22	15.72	21.88	8.99
54	gi|148536844|ref|NP_000059.3|	419	433	9824	14.21	10.33	11.03	36.37	75.22	14.21	27.85	8.85
54	gi|148536844|ref|NP_000059.3|	420	434	9825	5.58	3.31	3.12	19.79	72.67	8.29	1.2	5.58
54	gi|148536844|ref|NP_000059.3|	421	435	9826	6.74	3.31	4.52	20.01	72.67	7.18	1.19	6.74
54	gi|148536844|ref|NP_000059.3|	422	436	9827	8.93	5.83	6.62	21.85	72.67	8.93	1.27	22.78
54	gi|148536844|ref|NP_000059.3|	423	437	9828	10.49	4.42	10.3	22.64	72.34	10.49	1.26	22.78
54	gi|148536844|ref|NP_000059.3|	424	438	9829	16.89	7.12	15.91	24.09	72.67	16.89	1.35	22.78
54	gi|148536844|ref|NP_000059.3|	452	466	9830	12.23	7.68	1.54	17.13	75.22	9.62	28.12	12.23
54	gi|148536844|ref|NP_000059.3|	453	467	9831	17.13	12.75	1.54	17.13	75.22	22.44	25.82	12.23
54	gi|148536844|ref|NP_000059.3|	454	468	9832	19.73	12.57	5.27	19.07	69.56	37.89	21.09	19.73
54	gi|148536844|ref|NP_000059.3|	455	469	9833	17.13	8.94	5.23	17.13	14.04	34.28	19.49	19.73
54	gi|148536844|ref|NP_000059.3|	466	480	9834	12.61	9.29	14.22	29.18	12.61	6.09	30.66	5.79

Table 2

54	gi|148536844|ref|NP_000059.3|	467	481	9835	12.61	8.75	25.2	29.18	12.61	7.37	21.73	5.79
54	gi|148536844|ref|NP_000059.3|	468	482	9836	12.68	12.68	27.29	29.18	12.61	10.98	21.66	5.79
54	gi|148536844|ref|NP_000059.3|	469	483	9837	15.61	18.18	37.04	14.71	12.61	15.61	15.98	5.79
54	gi|148536844|ref|NP_000059.3|	470	484	9838	11.63	5.12	13.38	2.21	12.61	9.05	11.63	13.08
54	gi|148536844|ref|NP_000059.3|	471	485	9839	11.55	13.6	13.38	1.8	12.61	6.07	11.36	11.55
54	gi|148536844|ref|NP_000059.3|	472	486	9840	11.08	13.14	13.38	1.6	12.61	4.93	8.84	11.08
54	gi|148536844|ref|NP_000059.3|	473	487	9841	8.83	12.92	14.99	2.05	28.38	4.74	8.83	7.23
54	gi|148536844|ref|NP_000059.3|	474	488	9842	4.2	5.32	14.99	2.23	4.2	3.36	2.04	4.36
54	gi|148536844|ref|NP_000059.3|	475	489	9843	4.2	5.88	13.38	3.37	4.2	2.58	1.47	4.45
54	gi|148536844|ref|NP_000059.3|	476	490	9844	4.2	5.92	13.38	3.48	4.2	2.58	1.46	4.59
54	gi|148536844|ref|NP_000059.3|	477	491	9845	3.83	5.9	7.93	3.83	4.2	2.65	1.64	3.27
54	gi|148536844|ref|NP_000059.3|	478	492	9846	4.2	6.07	11.19	3.98	4.2	4.65	1.71	3.86
54	gi|148536844|ref|NP_000059.3|	479	493	9847	4.78	14.97	11.03	3.69	4.2	7.29	3.5	4.78
54	gi|148536844|ref|NP_000059.3|	480	494	9848	4.77	15.26	10.59	3.08	4.2	14.59	4.54	4.77
54	gi|148536844|ref|NP_000059.3|	481	495	9849	9.26	33.92	13.38	5.52	7.12	29.17	9.26	5.29
54	gi|148536844|ref|NP_000059.3|	482	496	9850	13.49	61.4	11.74	8.57	7.12	47.59	25.49	13.49
54	gi|148536844|ref|NP_000059.3|	483	497	9851	10.88	15.89	0.51	9.83	7.12	51.17	18.25	10.88
54	gi|148536844|ref|NP_000059.3|	484	498	9852	13.16	24.23	0.38	10.25	13.16	44.37	45.38	7.46
54	gi|148536844|ref|NP_000059.3|	485	499	9853	13.26	21.57	0.35	10.25	13.26	39.19	43.25	7.46
54	gi|148536844|ref|NP_000059.3|	486	500	9854	14.27	21.57	0.35	10.25	14.27	39.68	48.43	7.46
54	gi|148536844|ref|NP_000059.3|	487	501	9855	14.24	14.24	0.34	3.53	18.43	37.9	53.64	7.03
54	gi|148536844|ref|NP_000059.3|	488	502	9856	14.24	14.24	0.56	3.04	24.08	39.5	15.14	5.42
54	gi|148536844|ref|NP_000059.3|	489	503	9857	13.81	14.24	7.23	5.56	30.93	48.37	13.81	5.42
54	gi|148536844|ref|NP_000059.3|	490	504	9858	5.42	2.1	4.61	2.5	57.65	38.5	12.03	5.42
54	gi|148536844|ref|NP_000059.3|	491	505	9859	6.64	4.88	6.64	2.56	35.22	29.97	11.43	5.42
54	gi|148536844|ref|NP_000059.3|	492	506	9860	8.36	5.41	8.36	2.79	30.69	26.99	11.22	6.1
54	gi|148536844|ref|NP_000059.3|	493	507	9861	9.67	8.47	9.67	2.68	27.33	26.71	12.24	5.84
54	gi|148536844|ref|NP_000059.3|	494	508	9862	14.26	10.38	14.26	2.83	26.61	28.7	15.68	6.21
54	gi|148536844|ref|NP_000059.3|	495	509	9863	19.11	16.71	19.11	8.08	31.2	36.4	33.07	13.49
54	gi|148536844|ref|NP_000059.3|	512	526	9864	5.24	3.98	30.69	3.49	1.31	50.19	51.73	5.24
54	gi|148536844|ref|NP_000059.3|	513	527	9865	6.47	6.47	30.69	3.21	2.35	54.28	42.88	4.63
54	gi|148536844|ref|NP_000059.3|	514	528	9866	6.74	6.74	30.69	3.33	4.08	63.45	42.88	4.55
54	gi|148536844|ref|NP_000059.3|	515	529	9867	15.77	15.77	30.69	2.95	4.46	67.9	42.88	4.34
54	gi|148536844|ref|NP_000059.3|	516	530	9868	15.77	15.77	30.69	3.8	4.46	67.24	42.88	4.34
54	gi|148536844|ref|NP_000059.3|	517	531	9869	16.89	16.89	30.69	6.76	4.46	70.03	42.88	8.76
54	gi|148536844|ref|NP_000059.3|	518	532	9870	14.15	27.42	30.69	2.81	4.46	71.49	14.15	4.11
54	gi|148536844|ref|NP_000059.3|	519	533	9871	19.19	19.19	53.95	3.33	27.19	76.1	14.23	5
54	gi|148536844|ref|NP_000059.3|	520	534	9872	19.17	19.17	43.8	4.42	32.16	76.72	13.98	4.13
54	gi|148536844|ref|NP_000059.3|	521	535	9873	10.18	6.8	10.18	2.37	42.55	69.07	13.98	3.15
54	gi|148536844|ref|NP_000059.3|	522	536	9874	11.43	6.44	11.43	2.37	18.51	64.42	13.98	3.08
54	gi|148536844|ref|NP_000059.3|	523	537	9875	13.98	5	15.94	2.37	18.51	43.2	13.98	3.81
54	gi|148536844|ref|NP_000059.3|	524	538	9876	13.98	3.67	19.54	2.37	17.46	32.2	13.98	2.94
54	gi|148536844|ref|NP_000059.3|	525	539	9877	13.77	5.24	25.19	2.37	13.77	26.57	17.22	3.34
54	gi|148536844|ref|NP_000059.3|	526	540	9878	13.77	5.24	32.16	4.79	13.77	28.02	14.18	4.81
54	gi|148536844|ref|NP_000059.3|	527	541	9879	12.09	5.24	32.16	3.38	13.77	28.96	12.09	4.76
54	gi|148536844|ref|NP_000059.3|	528	542	9880	13.77	5.24	32.16	9.17	13.77	33.09	19.64	7.3
54	gi|148536844|ref|NP_000059.3|	529	543	9881	13.77	7.75	25.74	2.61	13.77	34.18	19.64	1.16
54	gi|148536844|ref|NP_000059.3|	530	544	9882	13.77	8.82	30.04	1.2	13.77	28.21	21	1.69

Table 2

54	gi|148536844|ref|NP_000059.3|	531	545	9883	15.74	15.74	34.59	1.21	13.77	26.53	21	1.69
54	gi|148536844|ref|NP_000059.3|	532	546	9884	17.86	15.52	28.31	1.48	22.15	17.86	21	1.69
54	gi|148536844|ref|NP_000059.3|	533	547	9885	10.35	9.43	29.98	1.48	22.15	10.35	21	1.69
54	gi|148536844|ref|NP_000059.3|	534	548	9886	10.95	10.95	30.26	4.19	22.15	8.72	21	1.69
54	gi|148536844|ref|NP_000059.3|	535	549	9887	13.19	13.19	35.33	5.48	22.07	9.92	21	1.69
54	gi|148536844|ref|NP_000059.3|	536	550	9888	17.52	13.54	47.58	16.35	22.56	13.81	43.11	17.52
54	gi|148536844|ref|NP_000059.3|	541	555	9889	19.5	19.5	12.63	36.9	4.36	39.12	60.34	10.53
54	gi|148536844|ref|NP_000059.3|	542	556	9890	19.5	19.5	12.71	38.02	4.28	37.75	60.34	10.53
54	gi|148536844|ref|NP_000059.3|	544	558	9891	19.64	19.64	13.27	49.47	5.84	39.78	63	10.61
54	gi|148536844|ref|NP_000059.3|	565	579	9892	11.71	11.71	7.67	8.28	45.27	30.08	50.62	1.71
54	gi|148536844|ref|NP_000059.3|	566	580	9893	12.67	12.67	8.6	8.88	44.36	24.17	47.6	1.71
54	gi|148536844|ref|NP_000059.3|	571	585	9894	17.62	5.66	14.41	18.51	17.62	41.52	53	5.12
54	gi|148536844|ref|NP_000059.3|	572	586	9895	18.65	13.66	17.78	29.49	18.65	22.5	41.55	2.63
54	gi|148536844|ref|NP_000059.3|	573	587	9896	3.65	9.31	0.25	3.39	18.58	3.65	4.94	1.54
54	gi|148536844|ref|NP_000059.3|	574	588	9897	2.81	5.27	0.24	3.39	18.96	1.32	2.81	1.54
54	gi|148536844|ref|NP_000059.3|	575	589	9898	0.88	0.23	0.4	0.88	28.69	0.37	1.76	1.54
54	gi|148536844|ref|NP_000059.3|	576	590	9899	0.51	0.09	0.38	0.51	36.26	0.09	0.58	1.54
54	gi|148536844|ref|NP_000059.3|	577	591	9900	0.45	0.05	0.59	0.45	38.14	0.08	0.34	1.54
54	gi|148536844|ref|NP_000059.3|	578	592	9901	0.31	0.05	1.02	0.31	41.82	0.08	0.24	1.62
54	gi|148536844|ref|NP_000059.3|	579	593	9902	0.36	0.22	1.2	0.36	18.32	0.12	0.19	2.24
54	gi|148536844|ref|NP_000059.3|	580	594	9903	0.76	0.36	4.5	0.76	18.32	0.39	0.2	2.24
54	gi|148536844|ref|NP_000059.3|	581	595	9904	0.91	0.36	6.47	0.56	18.32	0.91	0.26	1.87
54	gi|148536844|ref|NP_000059.3|	582	596	9905	2.19	4.27	3.43	0.57	18.32	2.19	0.49	1.87
54	gi|148536844|ref|NP_000059.3|	583	597	9906	2.74	4.45	5.81	0.62	18.32	2.74	1.88	1.87
54	gi|148536844|ref|NP_000059.3|	584	598	9907	4.09	5.11	5.17	0.78	18.32	4.09	2.53	1.87
54	gi|148536844|ref|NP_000059.3|	585	599	9908	4.07	5.11	4.07	1.1	18.32	5.09	3.38	1.87
54	gi|148536844|ref|NP_000059.3|	586	600	9909	5.84	5.84	5.17	1.6	25.58	6.01	10.17	1.87
54	gi|148536844|ref|NP_000059.3|	587	601	9910	5.17	1.76	5.17	1.6	26.42	5.84	10.17	1.87
54	gi|148536844|ref|NP_000059.3|	588	602	9911	5.17	1.75	5.17	2.04	26.41	6.99	10.17	2.92
54	gi|148536844|ref|NP_000059.3|	589	603	9912	6.73	6.66	5.17	7.67	35.32	6.73	23.78	4.01
54	gi|148536844|ref|NP_000059.3|	590	604	9913	5.88	6.66	5.17	5.88	14.47	2.27	19.85	4.01
54	gi|148536844|ref|NP_000059.3|	591	605	9914	4.01	8.08	1.59	3.29	12.73	0.94	10.17	4.01
54	gi|148536844|ref|NP_000059.3|	592	606	9915	6.21	8.36	2.84	3.25	12.46	0.63	36.32	6.21
54	gi|148536844|ref|NP_000059.3|	593	607	9916	4.88	7.06	3.29	4.68	11.71	0.52	36.39	4.88
54	gi|148536844|ref|NP_000059.3|	594	608	9917	2.55	1	2.55	2.03	16.29	0.62	11.32	3.73
54	gi|148536844|ref|NP_000059.3|	595	609	9918	2.55	1.89	2.55	2.32	21.87	1	6.05	3.73
54	gi|148536844|ref|NP_000059.3|	596	610	9919	4.37	1.94	2.55	6.62	29.14	4.09	4.78	4.37
54	gi|148536844|ref|NP_000059.3|	597	611	9920	4.13	1.13	2.55	5.27	30.82	13.24	4.1	4.13
54	gi|148536844|ref|NP_000059.3|	598	612	9921	4.29	1.05	2.55	5.07	31.27	6.3	4.29	1.54
54	gi|148536844|ref|NP_000059.3|	599	613	9922	3.31	1.06	3.31	3.26	30.93	3.56	3.73	1.41
54	gi|148536844|ref|NP_000059.3|	600	614	9923	3.04	1	3.84	3.04	28.7	2.42	3.55	0.75
54	gi|148536844|ref|NP_000059.3|	601	615	9924	2.84	0.46	12.3	2.84	36.26	1.43	7.13	0.42
54	gi|148536844|ref|NP_000059.3|	602	616	9925	1.68	0.46	11.84	1.59	40.12	1.68	7.78	0.75
54	gi|148536844|ref|NP_000059.3|	603	617	9926	1.7	0.46	10.78	1.59	37.86	1.7	5.6	1.13
54	gi|148536844|ref|NP_000059.3|	604	618	9927	2.6	0.76	9.74	1.59	42	2.6	5.18	1.52
54	gi|148536844|ref|NP_000059.3|	605	619	9928	1.69	0.76	1.59	1.26	35.24	3.28	4.85	1.69
54	gi|148536844|ref|NP_000059.3|	606	620	9929	1.93	1.02	1.93	1.26	32.13	3.85	7.8	1.69
54	gi|148536844|ref|NP_000059.3|	607	621	9930	2.44	0.97	2.44	1.26	29.48	5.79	9.23	1.69

Table 2

54	gi|148536844|ref|NP_000059.3|	608	622	9931	4.63	3.31	4.63	1.26	28.24	12.54	6.32	1.69
54	gi|148536844|ref|NP_000059.3|	609	623	9932	6.32	3.31	6.38	1.52	30.91	21.99	6.32	1.87
54	gi|148536844|ref|NP_000059.3|	610	624	9933	6.32	3.31	9.04	2.44	30.01	34.21	6.32	1.87
54	gi|148536844|ref|NP_000059.3|	611	625	9934	6.32	3.31	12.2	1.67	30.01	71.55	6.32	1.87
54	gi|148536844|ref|NP_000059.3|	612	626	9935	5.05	3.31	18.53	1.39	15.72	83.99	4.28	5.05
54	gi|148536844|ref|NP_000059.3|	613	627	9936	5.64	4.15	13.69	0.69	15.72	85.52	4.28	5.64
54	gi|148536844|ref|NP_000059.3|	614	628	9937	6.2	4.95	13.69	0.69	15.72	86.43	4.28	6.2
54	gi|148536844|ref|NP_000059.3|	615	629	9938	9.29	9.29	13.69	0.7	15.72	86.23	4.28	6.76
54	gi|148536844|ref|NP_000059.3|	616	630	9939	4.28	8.09	0.37	0.52	11.64	81.73	4.28	1.05
54	gi|148536844|ref|NP_000059.3|	617	631	9940	4.28	7.37	0.33	0.59	11.64	78.15	4.28	0.98
54	gi|148536844|ref|NP_000059.3|	618	632	9941	4.28	4.35	0.26	1.01	11.64	73.98	4.28	0.3
54	gi|148536844|ref|NP_000059.3|	619	633	9942	4.27	4.27	0.23	1.01	11.64	68.37	14.77	0.3
54	gi|148536844|ref|NP_000059.3|	620	634	9943	4.43	4.43	0.24	1.29	11.64	63.12	14.77	0.3
54	gi|148536844|ref|NP_000059.3|	621	635	9944	4.27	4.27	0.46	2.28	11.64	56.14	14.77	0.3
54	gi|148536844|ref|NP_000059.3|	622	636	9945	4.4	4.4	0.49	1.93	11.64	50.42	5.92	0.3
54	gi|148536844|ref|NP_000059.3|	623	637	9946	3.98	9.08	1.54	3.56	15.43	54.69	3.98	0.86
54	gi|148536844|ref|NP_000059.3|	624	638	9947	9.87	9.87	24.69	3.89	17.05	61.71	3.56	0.86
54	gi|148536844|ref|NP_000059.3|	625	639	9948	18.11	19.81	24.69	4.41	18.11	65.42	3.06	5.12
54	gi|148536844|ref|NP_000059.3|	648	662	9949	19.99	29.6	19.93	19.99	8.54	32.38	60.34	16.57
54	gi|148536844|ref|NP_000059.3|	651	665	9950	16.57	29.6	6.09	23.62	0.23	64.81	6.92	16.57
54	gi|148536844|ref|NP_000059.3|	652	666	9951	10.4	15.15	9.9	13.67	0.25	77.45	1.81	10.4
54	gi|148536844|ref|NP_000059.3|	653	667	9952	12.41	14.41	11.82	12.41	1.64	78.91	1.37	13.5
54	gi|148536844|ref|NP_000059.3|	654	668	9953	12.6	14.41	12.05	12.6	1.68	85.22	1.36	13.57
54	gi|148536844|ref|NP_000059.3|	655	669	9954	13.42	8.98	13.42	14.04	11.51	83.21	1.38	14.96
54	gi|148536844|ref|NP_000059.3|	656	670	9955	8.44	8.98	8.44	8.99	3.61	71.02	1.29	6.18
54	gi|148536844|ref|NP_000059.3|	657	671	9956	18.39	18.39	26.94	14.4	39.73	64.84	5.83	6.18
54	gi|148536844|ref|NP_000059.3|	683	697	9957	16.64	14.5	14.34	5.91	16.64	86.71	19.61	19.37
54	gi|148536844|ref|NP_000059.3|	684	698	9958	15.34	9.34	14.34	4.46	16.64	87.69	19.61	15.34
54	gi|148536844|ref|NP_000059.3|	685	699	9959	14.34	8.79	14.34	4.59	16.64	87.81	19.61	13.73
54	gi|148536844|ref|NP_000059.3|	686	700	9960	14.34	8.27	14.34	4.72	16.64	88.45	19.61	11.4
54	gi|148536844|ref|NP_000059.3|	687	701	9961	14.34	11.38	14.34	3.58	16.64	84.38	19.61	6.15
54	gi|148536844|ref|NP_000059.3|	688	702	9962	11.93	11.68	14.34	3.67	33.91	81.24	11.93	3.43
54	gi|148536844|ref|NP_000059.3|	689	703	9963	11.93	2.27	14.34	4.91	33.91	72	11.93	3.39
54	gi|148536844|ref|NP_000059.3|	690	704	9964	11.93	2.24	35.29	4.06	33.91	63.86	11.93	3.22
54	gi|148536844|ref|NP_000059.3|	691	705	9965	11.93	2.22	21.54	0.34	36.92	56.33	11.93	2.53
54	gi|148536844|ref|NP_000059.3|	692	706	9966	11.93	2.22	21.23	0.3	35.44	53.2	11.93	3.02
54	gi|148536844|ref|NP_000059.3|	693	707	9967	11.93	3.67	22.95	0.3	41.96	41.09	11.93	4.38
54	gi|148536844|ref|NP_000059.3|	694	708	9968	11.93	8.98	22.95	0.28	41.96	32	11.93	4.56
54	gi|148536844|ref|NP_000059.3|	697	711	9969	7.82	8.34	7.82	2.36	6.73	27.94	19.94	6.89
54	gi|148536844|ref|NP_000059.3|	698	712	9970	8.62	8.62	10.68	8.46	2.3	31.07	19.94	7.61
54	gi|148536844|ref|NP_000059.3|	699	713	9971	9.06	8.6	12.89	9.06	2.58	39.92	19.94	7.5
54	gi|148536844|ref|NP_000059.3|	700	714	9972	7.82	8.34	7.82	0.24	2.39	51.34	19.94	4.69
54	gi|148536844|ref|NP_000059.3|	701	715	9973	7.82	8.34	7.82	0.26	2.34	59.55	19.94	4.69
54	gi|148536844|ref|NP_000059.3|	702	716	9974	7.82	8.34	7.82	0.27	3.08	64.8	19.94	4.69
54	gi|148536844|ref|NP_000059.3|	703	717	9975	5.05	8.34	5.05	0.24	1.42	31.29	19.94	4.69
54	gi|148536844|ref|NP_000059.3|	704	718	9976	8.34	8.34	5.87	0.23	1.42	17.3	23.93	9.43
54	gi|148536844|ref|NP_000059.3|	705	719	9977	9.43	8.34	7.62	1.35	37.25	13.26	16.81	9.43
54	gi|148536844|ref|NP_000059.3|	706	720	9978	9.43	2.71	9.84	1.43	35.63	9.33	15.13	9.43

Table 2

54	gi|148536844|ref|NP_000059.3|	707	721	9979	15.41	2.85	14.97	22.1	36.39	8.94	15.64	15.41
54	gi|148536844|ref|NP_000059.3|	708	722	9980	19.15	2.87	21.28	30.5	31.2	11.48	17.59	19.15
54	gi|148536844|ref|NP_000059.3|	736	750	9981	19.99	27.87	36.52	19.99	71.83	18.77	3.3	1.31
54	gi|148536844|ref|NP_000059.3|	737	751	9982	17.9	17.9	40.39	19.99	71	17.83	2.74	1.78
54	gi|148536844|ref|NP_000059.3|	738	752	9983	17.9	17.9	38.1	19.99	68.12	14.55	2.6	2.37
54	gi|148536844|ref|NP_000059.3|	739	753	9984	17.9	17.9	43.62	19.99	75.22	17.19	11.93	4.14
54	gi|148536844|ref|NP_000059.3|	740	754	9985	19.99	17.9	50.48	19.99	75.22	27.65	11.93	10.58
54	gi|148536844|ref|NP_000059.3|	782	796	9986	18.12	32.11	58.36	17.15	70.91	17.65	8.55	18.12
54	gi|148536844|ref|NP_000059.3|	783	797	9987	16.81	6.88	40.87	16.81	70.91	14.57	16.45	17.63
54	gi|148536844|ref|NP_000059.3|	784	798	9988	12.64	1.28	13.45	12.64	47.56	10.43	27.42	12.35
54	gi|148536844|ref|NP_000059.3|	785	799	9989	12.06	0.76	16.02	12.06	42.97	10.75	29.92	8.92
54	gi|148536844|ref|NP_000059.3|	801	815	9990	16.55	8.84	2.14	19.36	19.06	16.55	38.22	1.87
54	gi|148536844|ref|NP_000059.3|	802	816	9991	18.19	22.71	1.85	20.72	18.19	5.64	37.87	1.87
54	gi|148536844|ref|NP_000059.3|	803	817	9992	18.78	22.25	1.83	20.72	18.78	5.55	32.42	1.87
54	gi|148536844|ref|NP_000059.3|	804	818	9993	17.72	23.36	2.2	20.72	17.72	6.73	32.42	1.87
54	gi|148536844|ref|NP_000059.3|	805	819	9994	5.94	5.94	2.49	11.04	27.69	5	32.42	1.87
54	gi|148536844|ref|NP_000059.3|	806	820	9995	6.66	5.91	2.89	22.36	47.67	6.66	32.42	1.94
54	gi|148536844|ref|NP_000059.3|	807	821	9996	16.24	5.95	4.98	23.14	59.27	16.24	32.42	1.98
54	gi|148536844|ref|NP_000059.3|	815	829	9997	18.2	0.18	28.84	18.2	6.96	27.04	30.58	17.43
54	gi|148536844|ref|NP_000059.3|	816	830	9998	19.4	5.26	34.72	19.4	11.77	25.82	34.95	18.27
54	gi|148536844|ref|NP_000059.3|	817	831	9999	19.7	3.79	41.96	19.7	12.04	27.68	35.43	18.82
54	gi|148536844|ref|NP_000059.3|	856	870	10000	18.08	14.48	27.37	12.27	35.48	23.71	18.08	3.19
54	gi|148536844|ref|NP_000059.3|	857	871	10001	16.97	14.11	27.37	12.27	35.48	16.97	17.52	3.19
54	gi|148536844|ref|NP_000059.3|	858	872	10002	14.63	14.12	27.37	12.27	35.48	14.63	22.48	3.19
54	gi|148536844|ref|NP_000059.3|	859	873	10003	16.74	14.11	27.37	12.27	35.48	16.74	22.98	3.19
54	gi|148536844|ref|NP_000059.3|	1063	1077	10004	12.12	12.12	42.98	7.41	8	49.32	20.32	11.11
54	gi|148536844|ref|NP_000059.3|	1064	1078	10005	16.68	16.68	42.98	7.41	8	30.84	20.32	11.11
54	gi|148536844|ref|NP_000059.3|	1066	1080	10006	11.11	8.24	42.98	7.41	8	21.11	20.32	11.11
54	gi|148536844|ref|NP_000059.3|	1067	1081	10007	11.11	8.24	42.98	7.41	8	21.83	20.32	11.11
54	gi|148536844|ref|NP_000059.3|	1068	1082	10008	13.05	13.05	42.98	11.96	8	23.36	20.32	11.11
54	gi|148536844|ref|NP_000059.3|	1069	1083	10009	13	13	42.98	12.27	8	29.08	20.32	11.11
54	gi|148536844|ref|NP_000059.3|	1107	1121	10010	11.71	11.71	48.09	6.82	17.21	31.73	4.03	9.56
54	gi|148536844|ref|NP_000059.3|	1108	1122	10011	17.21	21.33	49.93	6.89	17.21	31.29	4.06	10.17
54	gi|148536844|ref|NP_000059.3|	1218	1232	10012	15.32	39.11	15.32	8.71	4.32	68.64	48.94	10.7
54	gi|148536844|ref|NP_000059.3|	1219	1233	10013	15.32	39.6	15.32	9.26	4.32	63.1	40.95	11.45
54	gi|148536844|ref|NP_000059.3|	1220	1234	10014	15.32	39.75	15.32	11.68	6.77	62.6	26.97	9.97
54	gi|148536844|ref|NP_000059.3|	1221	1235	10015	15.32	39.79	15.32	11.5	8.03	51.52	25.93	9.97
54	gi|148536844|ref|NP_000059.3|	1222	1236	10016	2.44	3.9	0.21	7.94	2.19	1.71	21.12	2.44
54	gi|148536844|ref|NP_000059.3|	1223	1237	10017	2.28	1.52	0.24	5.43	2.28	0.17	3.9	2.44
54	gi|148536844|ref|NP_000059.3|	1224	1238	10018	1.52	0.64	0.31	4.94	2.49	0.06	3.9	1.52
54	gi|148536844|ref|NP_000059.3|	1225	1239	10019	0.84	0.24	0.31	5.93	2.5	0.03	3.9	0.84
54	gi|148536844|ref|NP_000059.3|	1226	1240	10020	0.91	0.31	0.45	6.11	4.85	0.04	4.32	0.91
54	gi|148536844|ref|NP_000059.3|	1227	1241	10021	1.21	0.59	0.68	7.94	9.08	0.06	9.6	1.21
54	gi|148536844|ref|NP_000059.3|	1228	1242	10022	2.1	1.36	1.06	7.94	15.94	0.5	10.09	2.1
54	gi|148536844|ref|NP_000059.3|	1229	1243	10023	17.42	7.51	17.42	19.17	20.33	7.72	30.22	3.19
54	gi|148536844|ref|NP_000059.3|	1230	1244	10024	7.19	3.66	7.19	3.02	41.65	23.73	9.18	2.32
54	gi|148536844|ref|NP_000059.3|	1231	1245	10025	12.35	43.67	7.19	3.07	39.74	31.98	8.86	12.35
54	gi|148536844|ref|NP_000059.3|	1232	1246	10026	11.64	44.59	7.19	2.52	41.02	26.71	8.46	11.64

Table 2

54	gi|148536844|ref|NP_000059.3|	1233	1247	10027	8.46	9.56	7.19	2.01	40.8	12.77	8.46	5.12
54	gi|148536844|ref|NP_000059.3|	1234	1248	10028	4.52	8.63	4.89	1.25	39.47	4.52	3.34	2.21
54	gi|148536844|ref|NP_000059.3|	1235	1249	10029	4.45	8.67	4.88	1.6	33.35	2.97	4.45	2.16
54	gi|148536844|ref|NP_000059.3|	1236	1250	10030	3.66	3.66	5.27	1.84	24.86	3.42	4.43	1.74
54	gi|148536844|ref|NP_000059.3|	1237	1251	10031	5.37	6.25	8.59	2.24	23.72	2.88	5.37	2.15
54	gi|148536844|ref|NP_000059.3|	1238	1252	10032	6.42	7.17	9.03	2.76	23.34	4.5	6.42	2.64
54	gi|148536844|ref|NP_000059.3|	1239	1253	10033	8.15	7.17	18.64	2	26.21	8.15	9.71	4.95
54	gi|148536844|ref|NP_000059.3|	1240	1254	10034	7.17	7.17	5.19	2.38	19.71	17.93	8.71	5.78
54	gi|148536844|ref|NP_000059.3|	1241	1255	10035	12	7.17	10.35	2.2	19.86	28.32	12	15.55
54	gi|148536844|ref|NP_000059.3|	1242	1256	10036	7.17	7.17	3.71	2.09	6.69	34.85	10.02	14.25
54	gi|148536844|ref|NP_000059.3|	1243	1257	10037	7.45	17.87	3.39	2.98	6.69	43.01	7.45	17.44
54	gi|148536844|ref|NP_000059.3|	1244	1258	10038	9.58	18.09	3.39	3.81	6.69	44.14	9.58	17.68
54	gi|148536844|ref|NP_000059.3|	1245	1259	10039	15.48	15.99	3.39	5.1	6.69	48.02	15.48	18.71
54	gi|148536844|ref|NP_000059.3|	1246	1260	10040	12.82	12.82	3.39	14.35	0.41	59.62	3.22	17.09
54	gi|148536844|ref|NP_000059.3|	1247	1261	10041	5.99	2.84	27.74	7.98	0.59	63.77	3.22	5.99
54	gi|148536844|ref|NP_000059.3|	1248	1262	10042	3.22	2.69	2.37	4.69	2.36	61.58	3.22	5.37
54	gi|148536844|ref|NP_000059.3|	1249	1263	10043	3.22	2.27	2.37	3.45	2.19	55.49	3.22	4.59
54	gi|148536844|ref|NP_000059.3|	1250	1264	10044	2.04	1.53	2.37	0.57	1.77	38.74	3.22	2.04
54	gi|148536844|ref|NP_000059.3|	1251	1265	10045	2.01	0.96	2.37	0.57	1.44	20.66	3.22	2.01
54	gi|148536844|ref|NP_000059.3|	1252	1266	10046	2.37	1.23	2.37	0.57	1.46	14.63	3.22	2.58
54	gi|148536844|ref|NP_000059.3|	1253	1267	10047	2.68	1.22	2.37	0.64	30.66	15.14	6.31	2.68
54	gi|148536844|ref|NP_000059.3|	1254	1268	10048	3.16	1.55	2.37	0.78	30.66	18.78	6.83	3.16
54	gi|148536844|ref|NP_000059.3|	1255	1269	10049	12.46	1.62	12.46	3.49	30.66	26.55	17.02	8.37
54	gi|148536844|ref|NP_000059.3|	1256	1270	10050	12.46	3.56	12.46	4.23	28.32	37.68	17.02	9.31
54	gi|148536844|ref|NP_000059.3|	1277	1291	10051	18.08	18.08	3.25	0.95	19.45	41.08	40.28	5.42
54	gi|148536844|ref|NP_000059.3|	1278	1292	10052	18.08	18.08	4.1	1.46	19.54	35.09	45.67	5.42
54	gi|148536844|ref|NP_000059.3|	1279	1293	10053	10.66	13.16	3.88	8.95	10.66	32.65	54.69	1.58
54	gi|148536844|ref|NP_000059.3|	1280	1294	10054	15.43	18.5	5.54	15.43	11.19	37.49	58.6	1.58
54	gi|148536844|ref|NP_000059.3|	1281	1295	10055	18.74	18.74	3.03	19.7	12.24	42.32	68.68	1.49
54	gi|148536844|ref|NP_000059.3|	1285	1299	10056	18.15	2.47	9.19	23.66	18.15	34.3	26.86	2.3
54	gi|148536844|ref|NP_000059.3|	1286	1300	10057	11.52	8.98	11.52	29.01	0.18	30.6	25.5	3.76
54	gi|148536844|ref|NP_000059.3|	1287	1301	10058	14.88	5.24	15.71	29.3	0.17	34.6	14.88	3.48
54	gi|148536844|ref|NP_000059.3|	1288	1302	10059	12.86	5.24	22.71	18.51	0.16	33.15	8.44	12.86
54	gi|148536844|ref|NP_000059.3|	1289	1303	10060	15.16	2.66	29.15	21.21	0.16	37.03	15.16	12.86
54	gi|148536844|ref|NP_000059.3|	1290	1304	10061	9.61	2.66	23.87	15.62	1.39	38.2	9.61	5.05
54	gi|148536844|ref|NP_000059.3|	1291	1305	10062	4.52	2.03	21.84	6.64	0.92	30.04	4.52	4.13
54	gi|148536844|ref|NP_000059.3|	1292	1306	10063	3.89	1.42	25.69	3.89	0.14	20.67	3.31	5.88
54	gi|148536844|ref|NP_000059.3|	1293	1307	10064	5.86	1.42	31.52	3.93	15.67	18.81	2.86	5.86
54	gi|148536844|ref|NP_000059.3|	1294	1308	10065	5.97	1.42	39.31	3.93	15.83	17.2	3.45	5.97
54	gi|148536844|ref|NP_000059.3|	1295	1309	10066	11.18	1.42	39.31	4.37	15.83	18.13	4.68	11.18
54	gi|148536844|ref|NP_000059.3|	1296	1310	10067	14.18	1.42	39.31	7.05	15.83	24.17	1.16	14.18
54	gi|148536844|ref|NP_000059.3|	1297	1311	10068	15.83	3.81	39.31	10.92	15.83	38.6	2.05	24.6
54	gi|148536844|ref|NP_000059.3|	1298	1312	10069	5.42	2.16	8.27	1.77	15.83	44.16	1.72	5.42
54	gi|148536844|ref|NP_000059.3|	1299	1313	10070	2.37	2.37	8.27	1.4	17.21	17.14	2.01	1.4
54	gi|148536844|ref|NP_000059.3|	1300	1314	10071	2.36	2.36	8.27	1.21	14.4	11.78	1.72	1.4
54	gi|148536844|ref|NP_000059.3|	1301	1315	10072	2.7	2.24	8.27	0.9	12.48	6.84	2.7	1.37
54	gi|148536844|ref|NP_000059.3|	1302	1316	10073	2.66	2.24	8.27	0.9	13.34	5.46	2.66	1.21
54	gi|148536844|ref|NP_000059.3|	1303	1317	10074	7.81	5.33	10.51	0.9	17.14	7.81	35.36	1.4

Table 2

54	gi|148536844|ref|NP_000059.3|	1304	1318	10075	10.72	8.75	10.72	1.28	22.35	12.18	35.36	1.4
54	gi|148536844|ref|NP_000059.3|	1305	1319	10076	11.15	8.94	49.55	16.81	3.92	11.15	41.82	1.47
54	gi|148536844|ref|NP_000059.3|	1306	1320	10077	14.67	11.46	49.93	20.31	3.3	14.19	38.53	14.67
54	gi|148536844|ref|NP_000059.3|	1307	1321	10078	14.67	11.46	49.93	18.77	3.2	9.78	30.16	14.67
54	gi|148536844|ref|NP_000059.3|	1308	1322	10079	14.67	9.02	49.93	14.94	3.01	8.04	29.06	14.67
54	gi|148536844|ref|NP_000059.3|	1309	1323	10080	11.46	11.46	36.72	8.1	4.24	9.53	22.87	13.97
54	gi|148536844|ref|NP_000059.3|	1310	1324	10081	11.46	11.46	38.18	7.16	6.28	12.95	31.16	11.24
54	gi|148536844|ref|NP_000059.3|	1311	1325	10082	16.82	11.46	43.78	7.71	8.48	24.49	40.41	16.82
54	gi|148536844|ref|NP_000059.3|	1314	1328	10083	19.2	11.41	10.24	12.02	19.2	63.39	22.63	31.31
54	gi|148536844|ref|NP_000059.3|	1315	1329	10084	9.84	11.41	7.36	2.61	9.84	46.4	21.58	3.44
54	gi|148536844|ref|NP_000059.3|	1316	1330	10085	9.21	1.59	9.21	1.14	10.16	34.51	22.82	3.44
54	gi|148536844|ref|NP_000059.3|	1317	1331	10086	9.13	0.78	9.21	1.06	9.13	29.03	24.1	3.44
54	gi|148536844|ref|NP_000059.3|	1318	1332	10087	8.93	0.78	9.21	1.02	8.93	26.99	21.83	3.44
54	gi|148536844|ref|NP_000059.3|	1319	1333	10088	9.21	0.78	9.21	1.12	11.22	29.15	20.86	3.44
54	gi|148536844|ref|NP_000059.3|	1320	1334	10089	9.21	0.78	9.21	4.21	14.55	36.63	29.39	3.44
54	gi|148536844|ref|NP_000059.3|	1321	1335	10090	9.21	1.36	9.21	5.05	21.01	52.05	29.39	3.44
54	gi|148536844|ref|NP_000059.3|	1328	1342	10091	16.81	12.37	6.99	34.2	59.84	16.81	80.57	12.23
54	gi|148536844|ref|NP_000059.3|	1336	1350	10092	6.47	8.34	0.13	1	51.29	3.02	13.28	6.47
54	gi|148536844|ref|NP_000059.3|	1337	1351	10093	4.26	8.34	0.07	1	48.84	0.52	6.89	4.26
54	gi|148536844|ref|NP_000059.3|	1338	1352	10094	2.41	2.41	0.11	0.91	55.02	0.11	3.65	2.42
54	gi|148536844|ref|NP_000059.3|	1339	1353	10095	0.86	1.4	0.11	0.67	53.7	0.06	0.86	2.07
54	gi|148536844|ref|NP_000059.3|	1340	1354	10096	0.88	0.88	0.15	0.88	53.7	0.06	0.46	3.05
54	gi|148536844|ref|NP_000059.3|	1341	1355	10097	0.74	0.74	0.31	1	53.7	0.07	0.18	4
54	gi|148536844|ref|NP_000059.3|	1342	1356	10098	1	1.14	0.48	1	53.7	0.09	0.15	5.16
54	gi|148536844|ref|NP_000059.3|	1343	1357	10099	3.16	1.14	3.88	3.16	53.7	0.24	0.14	8.92
54	gi|148536844|ref|NP_000059.3|	1344	1358	10100	2.66	1.14	5.63	5.13	53.7	0.5	0.36	2.66
54	gi|148536844|ref|NP_000059.3|	1345	1359	10101	1.57	1.49	3.81	1.57	53.7	0.6	0.19	1.87
54	gi|148536844|ref|NP_000059.3|	1346	1360	10102	1.48	1.42	7.86	1.48	60.94	0.44	0.21	1.87
54	gi|148536844|ref|NP_000059.3|	1347	1361	10103	1.4	1.39	8.86	1.4	60.94	0.43	0.23	1.87
54	gi|148536844|ref|NP_000059.3|	1348	1362	10104	1.18	1.38	9.58	1.18	60.94	0.24	0.23	0.17
54	gi|148536844|ref|NP_000059.3|	1349	1363	10105	1.48	2.27	12.39	1.48	60.94	0.17	0.8	0.17
54	gi|148536844|ref|NP_000059.3|	1350	1364	10106	3.11	3.71	17.41	3.11	70.04	0.44	1.64	0.23
54	gi|148536844|ref|NP_000059.3|	1351	1365	10107	2.87	3.86	17.78	2.87	69.42	0.8	1.91	0.17
54	gi|148536844|ref|NP_000059.3|	1352	1366	10108	5.2	6.15	17.78	4	67.7	1.48	5.2	0.17
54	gi|148536844|ref|NP_000059.3|	1353	1367	10109	6.48	6.48	17.78	7.35	73.77	3.34	5.52	0.17
54	gi|148536844|ref|NP_000059.3|	1354	1368	10110	4.35	5.19	17.78	3.56	75.22	4.28	4.35	0.17
54	gi|148536844|ref|NP_000059.3|	1355	1369	10111	3.91	5.5	17.78	3.91	70.16	2.42	3.77	1.16
54	gi|148536844|ref|NP_000059.3|	1356	1370	10112	4.81	6.74	37.73	4.81	70.16	1.57	3.36	1.16
54	gi|148536844|ref|NP_000059.3|	1357	1371	10113	4.88	6.9	37.73	4.88	32.32	2.05	3.73	1.16
54	gi|148536844|ref|NP_000059.3|	1358	1372	10114	9.03	8.34	37.73	5.76	32.32	3.51	10.46	9.03
54	gi|148536844|ref|NP_000059.3|	1359	1373	10115	14.9	18.2	56.82	14.9	32.32	7.29	8.77	11.11
54	gi|148536844|ref|NP_000059.3|	1360	1374	10116	18.19	18.19	19.35	15.21	32.32	20.54	8.77	11.11
54	gi|148536844|ref|NP_000059.3|	1366	1380	10117	17.61	16.43	17.39	39.52	30.32	17.61	45.77	4.42
54	gi|148536844|ref|NP_000059.3|	1368	1382	10118	14.57	0.11	20.9	12.59	21.25	14.57	47.81	3.74
54	gi|148536844|ref|NP_000059.3|	1369	1383	10119	13.82	0.11	20.87	12.08	18.54	13.82	39.4	4.62
54	gi|148536844|ref|NP_000059.3|	1370	1384	10120	14.64	0.11	20.73	11.19	19.65	14.64	20.24	4.97
54	gi|148536844|ref|NP_000059.3|	1371	1385	10121	4.12	0.11	2.72	4.12	23.74	12.45	12.87	2.43
54	gi|148536844|ref|NP_000059.3|	1372	1386	10122	4.09	0.21	2.93	4.09	26.89	10.23	12.87	2.42

Table 2

54	gi|148536844|ref|NP_000059.3|	1373	1387	10123	4.64	0.21	3.86	4.64	25.18	11.75	12.87	3.04
54	gi|148536844|ref|NP_000059.3|	1374	1388	10124	9.98	9.98	4.89	4.06	26.89	16.43	12.87	2.93
54	gi|148536844|ref|NP_000059.3|	1375	1389	10125	9.07	9.07	5.27	1.12	26.89	20.47	12.87	0.69
54	gi|148536844|ref|NP_000059.3|	1376	1390	10126	9.7	9.7	7.02	1.25	26.89	28.52	12.87	0.81
54	gi|148536844|ref|NP_000059.3|	1377	1391	10127	8.34	6.17	8.34	0.56	26.89	54.83	16.55	0.74
54	gi|148536844|ref|NP_000059.3|	1378	1392	10128	10.21	5.79	27.37	0.27	29.01	66.05	10.21	0.76
54	gi|148536844|ref|NP_000059.3|	1379	1393	10129	4.11	3.18	27.37	0.24	4.11	74.01	4.37	0.78
54	gi|148536844|ref|NP_000059.3|	1380	1394	10130	3.92	3.23	22.95	0.37	4.11	77.86	3.92	1.92
54	gi|148536844|ref|NP_000059.3|	1381	1395	10131	3.92	3.26	22.95	0.38	4.11	80.79	3.92	1.98
54	gi|148536844|ref|NP_000059.3|	1382	1396	10132	4.13	4.13	22.95	0.7	0.12	80.58	1.81	4.44
54	gi|148536844|ref|NP_000059.3|	1383	1397	10133	4.58	4.68	18.16	1.14	0.51	80.02	1.61	4.58
54	gi|148536844|ref|NP_000059.3|	1384	1398	10134	4.3	13.64	18.16	0.76	0.48	75.9	4.3	1.05
54	gi|148536844|ref|NP_000059.3|	1385	1399	10135	4.65	15.29	4.86	0.97	0.95	72.38	4.65	1.05
54	gi|148536844|ref|NP_000059.3|	1386	1400	10136	4.78	4.78	4.86	1.14	0.88	64.51	6.75	1.69
54	gi|148536844|ref|NP_000059.3|	1387	1401	10137	2.03	3.85	2.03	1.23	0.96	53.26	4.38	1.87
54	gi|148536844|ref|NP_000059.3|	1388	1402	10138	1.87	3.36	2.03	1.31	0.04	39.16	0.98	1.87
54	gi|148536844|ref|NP_000059.3|	1389	1403	10139	3.98	3.14	2.03	3.98	4.47	32.58	12.08	1.87
54	gi|148536844|ref|NP_000059.3|	1390	1404	10140	4.47	3.4	2.03	5.31	4.47	34.44	10.78	1.54
54	gi|148536844|ref|NP_000059.3|	1391	1405	10141	5.7	5.7	2.03	11.8	4.47	34.46	9.71	1.54
54	gi|148536844|ref|NP_000059.3|	1392	1406	10142	7.48	6.55	2.03	8.89	23.7	38.98	7.48	1.54
54	gi|148536844|ref|NP_000059.3|	1393	1407	10143	6.44	7.95	2.03	0.89	24.08	38.21	6.44	1.54
54	gi|148536844|ref|NP_000059.3|	1394	1408	10144	10.16	13.03	6.99	0.89	26.08	40.05	10.16	1.54
54	gi|148536844|ref|NP_000059.3|	1395	1409	10145	17.62	13.48	17.62	0.94	36.21	45.26	24.52	1.54
54	gi|148536844|ref|NP_000059.3|	1420	1434	10146	12.31	9.59	62.25	6.68	38.04	12.31	21.01	5.51
54	gi|148536844|ref|NP_000059.3|	1421	1435	10147	9.59	9.59	64.73	6.46	36.72	6.73	16.34	3.84
54	gi|148536844|ref|NP_000059.3|	1422	1436	10148	9.59	9.59	68.41	6.68	36.77	7.51	14.25	4.51
54	gi|148536844|ref|NP_000059.3|	1423	1437	10149	12.04	9.59	41.26	12.04	36.89	7.63	33.94	6.65
54	gi|148536844|ref|NP_000059.3|	1424	1438	10150	19.2	9.59	44.93	19.2	34.62	12.73	57.4	9.87
54	gi|148536844|ref|NP_000059.3|	1438	1452	10151	14.5	2	14.5	25.27	3.09	11.79	40.65	17.8
54	gi|148536844|ref|NP_000059.3|	1439	1453	10152	13.95	1.85	13.95	24.23	2.88	4.52	42.45	17.8
54	gi|148536844|ref|NP_000059.3|	1440	1454	10153	13.12	1.73	13.12	17.98	2.83	2.93	35.59	14.13
54	gi|148536844|ref|NP_000059.3|	1441	1455	10154	14.13	1.7	17.76	15.31	3.12	3	37.37	14.13
54	gi|148536844|ref|NP_000059.3|	1442	1456	10155	14.13	1.75	21.53	15.07	5.39	4.82	48.75	14.13
54	gi|148536844|ref|NP_000059.3|	1443	1457	10156	10.53	0.6	24.8	13.4	7.82	9.29	53.5	10.53
54	gi|148536844|ref|NP_000059.3|	1444	1458	10157	10.53	0.6	24.69	7.44	10.43	21.99	54.32	10.53
54	gi|148536844|ref|NP_000059.3|	1445	1459	10158	15.72	6.71	26.3	6	15.72	57.61	25.34	5.97
54	gi|148536844|ref|NP_000059.3|	1446	1460	10159	15.4	6.71	32.77	6	15.4	70.26	25.34	6.06
54	gi|148536844|ref|NP_000059.3|	1447	1461	10160	17.46	6.71	33.15	6	17.46	74.85	25.34	6.7
54	gi|148536844|ref|NP_000059.3|	1448	1462	10161	19.45	6.71	33.15	5.12	19.45	71.47	25.34	7.6
54	gi|148536844|ref|NP_000059.3|	1451	1465	10162	17.29	19.23	17.29	15.19	15.16	64.21	25.34	8.29
54	gi|148536844|ref|NP_000059.3|	1463	1477	10163	18.07	12.33	8.67	43.06	18.07	45.39	26.51	12.86
54	gi|148536844|ref|NP_000059.3|	1464	1478	10164	17.36	10.71	10.03	48.22	17.36	36.49	23.38	12.86
54	gi|148536844|ref|NP_000059.3|	1465	1479	10165	17.1	7.65	12.21	50.02	17.1	34.66	18.3	12.86
54	gi|148536844|ref|NP_000059.3|	1466	1480	10166	19.74	6.66	15.51	56.42	17.68	36.41	24.65	19.74
54	gi|148536844|ref|NP_000059.3|	1480	1494	10167	6.07	6.07	22.13	4.57	2.89	13.35	45.06	1.89
54	gi|148536844|ref|NP_000059.3|	1481	1495	10168	5.54	6.07	17.94	3.47	0.01	5.54	22.14	1.82
54	gi|148536844|ref|NP_000059.3|	1482	1496	10169	3.6	6.07	17.92	3.11	0.01	3.6	22.14	1.73
54	gi|148536844|ref|NP_000059.3|	1483	1497	10170	3.18	6.07	20.98	3.11	0.01	3.18	22.14	1.7

Table 2

54	gi|148536844|ref|NP_000059.3|	1484	1498	10171	4.22	4.37	21.23	3.11	0.01	4.22	22.14	1.73
54	gi|148536844|ref|NP_000059.3|	1485	1499	10172	5.02	4.37	24.21	3.11	0.02	8.36	22.14	5.02
54	gi|148536844|ref|NP_000059.3|	1486	1500	10173	4.44	4.37	4.44	1.62	0.02	34.12	22.14	4.83
54	gi|148536844|ref|NP_000059.3|	1487	1501	10174	17.86	27.4	4.15	1.54	0.31	82.73	22.14	17.86
54	gi|148536844|ref|NP_000059.3|	1488	1502	10175	16.4	24.5	4.32	1.62	12.98	91.39	30	16.4
54	gi|148536844|ref|NP_000059.3|	1489	1503	10176	7.19	5.14	2.87	1.77	11.48	90.43	30	7.19
54	gi|148536844|ref|NP_000059.3|	1490	1504	10177	7.01	4.98	2.81	2.15	11.48	88.79	30	7.01
54	gi|148536844|ref|NP_000059.3|	1491	1505	10178	4.81	4.81	1.95	2.4	6.32	84.53	30	1.22
54	gi|148536844|ref|NP_000059.3|	1492	1506	10179	4.62	4.62	1.95	1.45	6.32	80.65	32.85	1
54	gi|148536844|ref|NP_000059.3|	1493	1507	10180	6.32	4.88	15.32	1.57	6.32	80.36	35.55	0.99
54	gi|148536844|ref|NP_000059.3|	1494	1508	10181	14.97	14.97	21.28	2.3	6.32	80.55	45.12	0.95
54	gi|148536844|ref|NP_000059.3|	1495	1509	10182	11.03	15.08	11.03	2.15	6.32	82.73	27.38	0.94
54	gi|148536844|ref|NP_000059.3|	1496	1510	10183	11.03	46.28	11.03	2.3	6.32	83.93	27.51	2.3
54	gi|148536844|ref|NP_000059.3|	1497	1511	10184	6.32	57.17	4.41	4.41	6.32	82.29	25.02	3.3
54	gi|148536844|ref|NP_000059.3|	1498	1512	10185	8.66	7.76	7.31	4.32	17.07	75.48	20.46	8.66
54	gi|148536844|ref|NP_000059.3|	1499	1513	10186	4.35	3.06	0.51	4.35	13.66	61.15	29.52	0.96
54	gi|148536844|ref|NP_000059.3|	1500	1514	10187	2.48	2.48	0.17	0.48	13.6	53.15	21.59	0.78
54	gi|148536844|ref|NP_000059.3|	1501	1515	10188	2.34	2.34	0.15	0.46	13.65	49.77	21.23	0.78
54	gi|148536844|ref|NP_000059.3|	1502	1516	10189	1.54	1.97	0.15	0.46	18.18	52.17	1.54	0.78
54	gi|148536844|ref|NP_000059.3|	1503	1517	10190	0.93	2.05	0.14	0.43	20.08	56.73	0.93	0.78
54	gi|148536844|ref|NP_000059.3|	1504	1518	10191	1.34	2.75	0.19	0.46	20.08	66.16	0.93	1.34
54	gi|148536844|ref|NP_000059.3|	1505	1519	10192	1.93	3.14	0.63	1.93	20.08	76.69	1.28	1.67
54	gi|148536844|ref|NP_000059.3|	1506	1520	10193	3.28	3.28	19.29	1.97	28.01	73.01	0.41	2.37
54	gi|148536844|ref|NP_000059.3|	1507	1521	10194	17.52	3.07	19.29	17.52	28.01	70.44	0.42	3.18
54	gi|148536844|ref|NP_000059.3|	1508	1522	10195	19.29	3.67	19.29	23.38	28.01	71.89	0.46	8.36
54	gi|148536844|ref|NP_000059.3|	1524	1538	10196	17.71	7.21	67.77	33.62	14.9	17.71	51.05	11.11
54	gi|148536844|ref|NP_000059.3|	1534	1548	10197	15.23	3.67	15.23	20.62	11.13	8.85	30.74	21.62
54	gi|148536844|ref|NP_000059.3|	1535	1549	10198	11.13	3.67	17.47	16.68	11.13	4.04	25.6	6.95
54	gi|148536844|ref|NP_000059.3|	1536	1550	10199	11.13	3.67	21.82	17.49	11.13	3.56	23.01	6.43
54	gi|148536844|ref|NP_000059.3|	1537	1551	10200	18.72	3.67	23.11	18.72	22.63	3.13	19.77	4.62
54	gi|148536844|ref|NP_000059.3|	1538	1552	10201	16.4	3.67	25.93	20.95	31.86	4.93	16.4	5.34
54	gi|148536844|ref|NP_000059.3|	1539	1553	10202	17.43	3.67	33.49	29.96	42.39	9.81	17.43	8.24
54	gi|148536844|ref|NP_000059.3|	1552	1566	10203	18.49	33.84	9.42	15.64	18.49	40.77	18.21	19.08
54	gi|148536844|ref|NP_000059.3|	1553	1567	10204	13.91	59.83	9.42	13.9	6.73	37.68	13.91	16.38
54	gi|148536844|ref|NP_000059.3|	1554	1568	10205	11.28	58.28	11.72	6.19	6.73	37.33	11.28	8.42
54	gi|148536844|ref|NP_000059.3|	1555	1569	10206	10.34	67.21	15.15	7.12	6.73	39.23	10.34	8.42
54	gi|148536844|ref|NP_000059.3|	1556	1570	10207	18.75	69.73	18.75	8.62	6.73	44.14	18.87	8.42
54	gi|148536844|ref|NP_000059.3|	1557	1571	10208	6.73	46.87	0.31	4.42	6.73	27.05	12.95	3.31
54	gi|148536844|ref|NP_000059.3|	1558	1572	10209	6.73	46.8	0.45	4.42	6.73	21.23	14.82	3.3
54	gi|148536844|ref|NP_000059.3|	1559	1573	10210	3.34	1.55	0.43	4.42	3.34	6.7	17.09	0.82
54	gi|148536844|ref|NP_000059.3|	1560	1574	10211	2.81	1.55	0.61	4.42	3.54	2.81	35.71	0.81
54	gi|148536844|ref|NP_000059.3|	1561	1575	10212	1.74	1.55	0.81	9.66	3.77	1.74	34.27	0.75
54	gi|148536844|ref|NP_000059.3|	1562	1576	10213	1.88	1.55	1.12	10.18	3.95	1.88	37.33	0.79
54	gi|148536844|ref|NP_000059.3|	1563	1577	10214	3.5	1.55	1.59	10.54	6.21	3.5	38.2	0.83
54	gi|148536844|ref|NP_000059.3|	1564	1578	10215	9.77	1.55	11.78	48.16	9.77	8.29	49.17	2.7
54	gi|148536844|ref|NP_000059.3|	1565	1579	10216	11.89	1.55	0.45	25.33	11.89	23.68	25.02	1.97
54	gi|148536844|ref|NP_000059.3|	1567	1581	10217	3.82	20.93	0.16	8.57	0.26	24.92	3.01	3.82
54	gi|148536844|ref|NP_000059.3|	1568	1582	10218	3.81	20.93	0.16	8.65	0.27	25.28	3.01	3.81

Table 2

54	gi|148536844|ref|NP_000059.3|	1569	1583	10219	2.52	14.41	0.15	2.52	0.28	24.92	3.01	1.66
54	gi|148536844|ref|NP_000059.3|	1570	1584	10220	2.32	4.33	0.48	2.32	1.09	26.82	3.01	2.02
54	gi|148536844|ref|NP_000059.3|	1571	1585	10221	2.11	4.01	0.43	2.11	1.06	35.99	3.01	1.92
54	gi|148536844|ref|NP_000059.3|	1572	1586	10222	3.01	3.99	1.68	1.59	3.07	37.87	3.01	2.25
54	gi|148536844|ref|NP_000059.3|	1573	1587	10223	2.22	2.22	1.62	1.59	0.39	31.77	3.01	2.25
54	gi|148536844|ref|NP_000059.3|	1574	1588	10224	6.23	2.22	27.02	2.68	27.45	34.75	6.23	5.66
54	gi|148536844|ref|NP_000059.3|	1575	1589	10225	6.03	2.22	31.65	2.87	27.22	31.31	6.03	2.69
54	gi|148536844|ref|NP_000059.3|	1576	1590	10226	7.39	2.22	42.11	4.09	26.19	32.25	7.39	3.44
54	gi|148536844|ref|NP_000059.3|	1578	1592	10227	2.72	1.71	46.7	1.04	3.99	43.62	2.72	2.15
54	gi|148536844|ref|NP_000059.3|	1579	1593	10228	2.26	2.26	46.7	1.02	3.99	53.34	2.09	2.18
54	gi|148536844|ref|NP_000059.3|	1580	1594	10229	7.08	7.08	66.26	1.01	10.67	61.9	3.92	3.21
54	gi|148536844|ref|NP_000059.3|	1581	1595	10230	9.14	9.14	14.01	0.31	9.82	63.26	4.42	2.6
54	gi|148536844|ref|NP_000059.3|	1582	1596	10231	5.97	9.56	14.01	0.26	5.97	59.63	5.52	3.11
54	gi|148536844|ref|NP_000059.3|	1583	1597	10232	6.49	18.54	14.01	0.38	5.63	40.72	6.49	5.44
54	gi|148536844|ref|NP_000059.3|	1584	1598	10233	12.16	18.16	14.01	0.39	4.13	28.18	12.16	4.59
54	gi|148536844|ref|NP_000059.3|	1585	1599	10234	16.1	28.29	14.01	0.46	16.1	23.88	25.59	4.07
54	gi|148536844|ref|NP_000059.3|	1586	1600	10235	16.1	30.86	14.01	0.57	16.1	20.51	42.16	7.03
54	gi|148536844|ref|NP_000059.3|	1587	1601	10236	16.1	30.02	14.01	0.57	16.1	19.36	42.71	7.03
54	gi|148536844|ref|NP_000059.3|	1588	1602	10237	16	15.43	16	9.5	35.59	23.45	54.55	7.03
54	gi|148536844|ref|NP_000059.3|	1589	1603	10238	13.04	13.04	6.47	13.58	20.29	11.61	57.09	3.4
54	gi|148536844|ref|NP_000059.3|	1590	1604	10239	13.04	13.04	6.68	13.27	18.26	5.78	57.09	2.63
54	gi|148536844|ref|NP_000059.3|	1591	1605	10240	10.04	10.04	9.18	13.4	17.79	4.69	56.16	2.57
54	gi|148536844|ref|NP_000059.3|	1592	1606	10241	9.04	6.72	9.04	12.15	15.62	3.66	38.14	2.9
54	gi|148536844|ref|NP_000059.3|	1593	1607	10242	10.63	10.63	10.48	11.93	18.25	4.11	37.97	5.53
54	gi|148536844|ref|NP_000059.3|	1594	1608	10243	13.44	15.97	13.44	8.91	23.04	7.09	34.08	9.91
54	gi|148536844|ref|NP_000059.3|	1595	1609	10244	17.38	6.18	14.66	5.76	26.65	19.18	35.1	17.38
54	gi|148536844|ref|NP_000059.3|	1596	1610	10245	19.01	31.93	14.66	5.93	29.26	38.97	15.61	19.01
54	gi|148536844|ref|NP_000059.3|	1597	1611	10246	18.02	28.96	14.66	5.93	33.77	51.26	8.52	18.02
54	gi|148536844|ref|NP_000059.3|	1598	1612	10247	5.17	5.17	0.66	3.63	10.79	32.09	8.52	1.05
54	gi|148536844|ref|NP_000059.3|	1599	1613	10248	5.17	5.17	1.06	2.62	11.28	23.97	8.52	1.05
54	gi|148536844|ref|NP_000059.3|	1600	1614	10249	3.33	4.72	1.2	2.77	10.53	21.25	3.33	0.78
54	gi|148536844|ref|NP_000059.3|	1601	1615	10250	2.83	2.66	2.24	2.83	10.76	18.15	3.32	0.78
54	gi|148536844|ref|NP_000059.3|	1602	1616	10251	3.23	2.66	1.5	3.23	13.88	17.42	4.95	0.62
54	gi|148536844|ref|NP_000059.3|	1603	1617	10252	4.48	3.28	2.05	4.48	17.3	21.34	7.82	1.11
54	gi|148536844|ref|NP_000059.3|	1604	1618	10253	7.18	3.07	2.46	7.18	22.92	26.21	9.18	1.08
54	gi|148536844|ref|NP_000059.3|	1605	1619	10254	13.63	4.31	8.27	13.63	37.57	29.13	13.99	1.67
54	gi|148536844|ref|NP_000059.3|	1606	1620	10255	5.68	4.31	5.68	19.35	4.07	10.17	7.15	1.2
54	gi|148536844|ref|NP_000059.3|	1607	1621	10256	8.31	12.08	6.98	25.42	4.05	8.31	16.63	2.26
54	gi|148536844|ref|NP_000059.3|	1608	1622	10257	8.98	8.98	8.76	26.75	4.37	9.15	13.2	2.32
54	gi|148536844|ref|NP_000059.3|	1609	1623	10258	9.69	8.98	14.08	26.64	4.54	9.69	10.08	4.27
54	gi|148536844|ref|NP_000059.3|	1610	1624	10259	12.73	8.98	17.95	26.74	6.93	12.73	24.18	4.97
54	gi|148536844|ref|NP_000059.3|	1611	1625	10260	6.18	6.18	2.84	4.53	9.67	21.45	8.6	3.71
54	gi|148536844|ref|NP_000059.3|	1612	1626	10261	3.45	6.18	3.45	3.23	9.67	45.85	3.26	3.26
54	gi|148536844|ref|NP_000059.3|	1613	1627	10262	7.29	23.29	7.29	3.28	9.67	69.14	3.26	3.78
54	gi|148536844|ref|NP_000059.3|	1614	1628	10263	9.67	9.79	9.83	2.44	9.67	63.95	3.26	3.68
54	gi|148536844|ref|NP_000059.3|	1615	1629	10264	9.56	9.56	12.85	2.44	9.67	61.37	3.26	3.77
54	gi|148536844|ref|NP_000059.3|	1616	1630	10265	9.6	9.6	17.36	4.01	9.67	49.5	3.26	4.02
54	gi|148536844|ref|NP_000059.3|	1617	1631	10266	9.54	9.54	19.45	4.48	9.67	45.48	5.39	4.09

Table 2

54	gi|148536844|ref|NP_000059.3|	1618	1632	10267	12.36	12.36	35.16	7.45	16.28	38.08	6.7	4.46
54	gi|148536844|ref|NP_000059.3|	1619	1633	10268	16.28	9.7	39.28	4.8	16.28	36.26	23.76	5.42
54	gi|148536844|ref|NP_000059.3|	1620	1634	10269	14.68	9.67	38.76	5.08	16.28	39.74	14.68	5.42
54	gi|148536844|ref|NP_000059.3|	1621	1635	10270	16.28	10.67	32.35	6.46	16.28	37.56	19.18	7.81
54	gi|148536844|ref|NP_000059.3|	1622	1636	10271	9.72	5.68	25.55	6.18	0.91	18.33	14.69	9.72
54	gi|148536844|ref|NP_000059.3|	1623	1637	10272	8.14	5.68	26.84	6.89	0.82	15.22	16.42	8.14
54	gi|148536844|ref|NP_000059.3|	1624	1638	10273	10.45	5.68	28.48	6.95	0.78	10.45	17.33	15.91
54	gi|148536844|ref|NP_000059.3|	1625	1639	10274	8.41	5.68	29.92	7.14	0.78	8.41	26.92	15.91
54	gi|148536844|ref|NP_000059.3|	1626	1640	10275	15.91	5.68	34.06	18.73	1.31	10.69	38.46	15.91
54	gi|148536844|ref|NP_000059.3|	1627	1641	10276	17.04	10.69	41.41	30.27	2.23	17.04	61.79	15.91
54	gi|148536844|ref|NP_000059.3|	1632	1646	10277	14.65	13.04	14.65	5.56	30.27	48.35	58.68	2.68
54	gi|148536844|ref|NP_000059.3|	1633	1647	10278	17.85	13.04	17.85	5.39	33.68	48.93	25.62	2.68
54	gi|148536844|ref|NP_000059.3|	1634	1648	10279	17.58	13.04	17.58	8.01	34.42	51.51	25.62	2.68
54	gi|148536844|ref|NP_000059.3|	1635	1649	10280	14.23	6.62	14.23	8.01	31.14	50.01	25.62	2.68
54	gi|148536844|ref|NP_000059.3|	1636	1650	10281	9.25	6.62	9.25	4.75	38.79	47.88	25.62	2.68
54	gi|148536844|ref|NP_000059.3|	1637	1651	10282	13.15	6.62	13.15	10.6	42.82	49.64	25.62	3.7
54	gi|148536844|ref|NP_000059.3|	1638	1652	10283	17.6	6.62	17.6	11.87	42.44	56.19	25.62	3.67
54	gi|148536844|ref|NP_000059.3|	1654	1668	10284	8.88	3.67	12.8	8.88	16.29	8.22	23.41	3.21
54	gi|148536844|ref|NP_000059.3|	1655	1669	10285	8.08	3.67	17.3	8.08	15.29	4.84	15.86	2.92
54	gi|148536844|ref|NP_000059.3|	1656	1670	10286	3.96	3.67	20.71	2.88	14.32	3.96	5.94	2.92
54	gi|148536844|ref|NP_000059.3|	1657	1671	10287	4.09	3.67	25.13	2.88	13.73	4.09	6.4	2.92
54	gi|148536844|ref|NP_000059.3|	1658	1672	10288	3.44	3.67	3.44	2.15	15.96	2.06	5.83	1.05
54	gi|148536844|ref|NP_000059.3|	1659	1673	10289	0.75	3.67	0.18	0.06	17.7	0.37	4.47	0.75
54	gi|148536844|ref|NP_000059.3|	1660	1674	10290	0.57	3.67	0.16	0.06	19.65	0.08	3.71	0.57
54	gi|148536844|ref|NP_000059.3|	1661	1675	10291	0.39	3.26	0.16	0.05	21.05	0.07	4.46	0.39
54	gi|148536844|ref|NP_000059.3|	1662	1676	10292	0.51	2.21	0.14	0.06	13.07	0.04	4.52	0.51
54	gi|148536844|ref|NP_000059.3|	1663	1677	10293	0.72	2.84	0.15	0.06	11.38	0.01	5.43	0.72
54	gi|148536844|ref|NP_000059.3|	1664	1678	10294	0.86	3.19	0.31	0.17	11.28	0.02	3.06	0.86
54	gi|148536844|ref|NP_000059.3|	1665	1679	10295	0.86	4.29	0.42	0.38	11.42	0.06	1.65	0.86
54	gi|148536844|ref|NP_000059.3|	1666	1680	10296	4.01	4.37	4.01	16.42	17.63	0.08	2.51	0.91
54	gi|148536844|ref|NP_000059.3|	1667	1681	10297	4.14	4.37	4.14	10.42	28.15	0.69	1.54	1.88
54	gi|148536844|ref|NP_000059.3|	1668	1682	10298	5.24	5.24	8.98	2.37	39.03	5.36	0.94	1.62
54	gi|148536844|ref|NP_000059.3|	1669	1683	10299	6.18	5.24	17.01	2.06	13.91	11.23	0.74	6.18
54	gi|148536844|ref|NP_000059.3|	1670	1684	10300	5.24	5.24	16.98	1.21	13.91	8.1	0.66	4.69
54	gi|148536844|ref|NP_000059.3|	1671	1685	10301	2.1	1.99	7.26	0.97	13.91	2.1	0.62	4.69
54	gi|148536844|ref|NP_000059.3|	1672	1686	10302	3.58	3.58	5.37	0.94	13.91	0.67	2.04	4.69
54	gi|148536844|ref|NP_000059.3|	1673	1687	10303	3.11	2.95	4.16	1.34	13.91	0.43	3.11	4.69
54	gi|148536844|ref|NP_000059.3|	1674	1688	10304	4.59	3.95	4.59	2.08	13.91	0.44	6.96	4.69
54	gi|148536844|ref|NP_000059.3|	1675	1689	10305	6.57	4.46	6.57	6.12	13.91	0.86	16.72	8.31
54	gi|148536844|ref|NP_000059.3|	1676	1690	10306	9.06	7.82	9.06	5.79	39.56	3.51	22.14	13.77
54	gi|148536844|ref|NP_000059.3|	1677	1691	10307	9.28	8.64	9.28	1.04	32.97	23.66	13.9	5.05
54	gi|148536844|ref|NP_000059.3|	1679	1693	10308	19.29	26.99	19.29	0.94	24.55	65.68	1.76	5.05
54	gi|148536844|ref|NP_000059.3|	1680	1694	10309	5.05	4.37	5.77	0.9	7.26	46.13	0.7	5.05
54	gi|148536844|ref|NP_000059.3|	1681	1695	10310	5.05	4.37	7.17	1.15	6.94	30.71	0.73	5.05
54	gi|148536844|ref|NP_000059.3|	1682	1696	10311	2.2	4.37	2.2	1.2	6.6	16.04	1.51	2.16
54	gi|148536844|ref|NP_000059.3|	1683	1697	10312	2.02	4.37	2.01	1.29	6.18	7.86	1.42	2.02
54	gi|148536844|ref|NP_000059.3|	1684	1698	10313	3.31	3.31	2.73	2.58	7.69	4.56	3.67	1.87
54	gi|148536844|ref|NP_000059.3|	1685	1699	10314	1.87	3.31	0.85	1.01	9.9	1.81	5.38	1.87

Table 2

54	gi|148536844|ref|NP_000059.3|	1686	1700	10315	1.87	3.31	0.87	1.04	11.91	0.93	14.52	1.87
54	gi|148536844|ref|NP_000059.3|	1687	1701	10316	2.03	3.31	1.68	2.03	27.81	1.22	16.85	1.87
54	gi|148536844|ref|NP_000059.3|	1688	1702	10317	1.87	3.31	0.9	1.83	15.61	1.62	18.55	1.87
54	gi|148536844|ref|NP_000059.3|	1689	1703	10318	3.31	3.31	1.12	2.52	15.52	2.6	19.35	3.46
54	gi|148536844|ref|NP_000059.3|	1690	1704	10319	5.98	3.31	1.54	5.98	16.5	7.09	29.02	4.86
54	gi|148536844|ref|NP_000059.3|	1691	1705	10320	14.24	14.24	2.41	6.46	18.38	15.65	21.2	5.05
54	gi|148536844|ref|NP_000059.3|	1694	1708	10321	14.01	2.71	14.01	5.84	37.07	48.67	22.29	2.44
54	gi|148536844|ref|NP_000059.3|	1695	1709	10322	14.01	2.71	14.01	5.98	15.31	60.89	20.04	2.44
54	gi|148536844|ref|NP_000059.3|	1696	1710	10323	3.38	1.14	31.19	3.38	7.23	63.81	0.49	1.53
54	gi|148536844|ref|NP_000059.3|	1697	1711	10324	2.58	1.14	31.19	2.58	7.23	63.9	0.49	1.53
54	gi|148536844|ref|NP_000059.3|	1698	1712	10325	2.87	1.14	31.19	2.87	7.23	68.98	0.56	2.16
54	gi|148536844|ref|NP_000059.3|	1699	1713	10326	2.81	2.68	3.16	2.81	1.37	79.48	1.24	4.19
54	gi|148536844|ref|NP_000059.3|	1700	1714	10327	2.65	2.65	3.03	1.97	1.48	89.54	1.56	5.27
54	gi|148536844|ref|NP_000059.3|	1701	1715	10328	5.12	9.44	5.12	1.2	3.13	91.22	2.83	7.22
54	gi|148536844|ref|NP_000059.3|	1702	1716	10329	4.75	18.7	4.75	1.15	0.86	88.52	2.22	8.37
54	gi|148536844|ref|NP_000059.3|	1703	1717	10330	2.99	2.99	4.51	1.27	0.61	43.2	3.3	1.05
54	gi|148536844|ref|NP_000059.3|	1704	1718	10331	2.37	2.99	2.37	1.2	0.57	23.36	4.38	1.05
54	gi|148536844|ref|NP_000059.3|	1705	1719	10332	2.37	2.99	2.37	1.5	0.13	16.25	4.73	1.05
54	gi|148536844|ref|NP_000059.3|	1706	1720	10333	3.47	2.99	5.84	2.92	7.04	16.76	3.47	1.05
54	gi|148536844|ref|NP_000059.3|	1707	1721	10334	3.35	2.99	8.2	3.35	7.04	17.74	0.83	1.05
54	gi|148536844|ref|NP_000059.3|	1708	1722	10335	7.04	9.29	11.49	3.82	7.04	20.81	0.83	2.03
54	gi|148536844|ref|NP_000059.3|	1709	1723	10336	9.97	9.97	15.06	3.75	11.09	33.35	1.18	2.27
54	gi|148536844|ref|NP_000059.3|	1710	1724	10337	7.8	36.62	7.8	2.28	11.09	52.35	1.32	7.43
54	gi|148536844|ref|NP_000059.3|	1711	1725	10338	11.09	41.08	12.55	4.32	11.09	61.9	3.89	7.94
54	gi|148536844|ref|NP_000059.3|	1712	1726	10339	12.93	17.6	12.93	5.07	11.09	61.78	9.59	13.89
54	gi|148536844|ref|NP_000059.3|	1713	1727	10340	13.98	18.44	17.07	5.16	11.09	63.41	9.98	13.98
54	gi|148536844|ref|NP_000059.3|	1716	1730	10341	18.38	8.84	33.5	17.5	14.66	81.73	18.38	45.91
54	gi|148536844|ref|NP_000059.3|	1730	1744	10342	17.04	10.22	7.29	48.85	4.21	79.39	72.21	17.04
54	gi|148536844|ref|NP_000059.3|	1731	1745	10343	10.22	10.22	7.69	45.54	3.78	58.32	72.21	7.07
54	gi|148536844|ref|NP_000059.3|	1732	1746	10344	10.22	10.22	7.4	20.29	3.42	46.94	25.97	6.61
54	gi|148536844|ref|NP_000059.3|	1733	1747	10345	10.22	10.22	6.93	19.5	2.9	34.99	27.4	6.42
54	gi|148536844|ref|NP_000059.3|	1734	1748	10346	10.22	10.22	8.01	18.77	4.96	31.02	27.94	6.3
54	gi|148536844|ref|NP_000059.3|	1735	1749	10347	10.22	10.22	9.42	18.43	7.74	30.85	49.62	7.34
54	gi|148536844|ref|NP_000059.3|	1736	1750	10348	13.9	10.22	11.57	18.65	12	37.88	52.22	13.9
54	gi|148536844|ref|NP_000059.3|	1738	1752	10349	12.69	13.04	12.69	10.72	10.07	40.6	16.1	9.44
54	gi|148536844|ref|NP_000059.3|	1739	1753	10350	10.07	13.04	5.05	4.88	10.07	33.35	16.39	9.44
54	gi|148536844|ref|NP_000059.3|	1740	1754	10351	10.38	13.04	4.9	4.39	10.38	27.82	12.85	6.59
54	gi|148536844|ref|NP_000059.3|	1741	1755	10352	9.98	13.04	3.81	4.02	10.25	24.42	9.98	3.43
54	gi|148536844|ref|NP_000059.3|	1742	1756	10353	8.84	12.33	5.53	4.02	13.53	19.98	8.84	0.7
54	gi|148536844|ref|NP_000059.3|	1743	1757	10354	6.27	12.33	7.32	4.3	6.27	22.35	3.76	0.7
54	gi|148536844|ref|NP_000059.3|	1744	1758	10355	7.73	12.33	9.54	7.73	6.27	31.82	3.49	0.7
54	gi|148536844|ref|NP_000059.3|	1745	1759	10356	6.27	3.93	14.66	6.5	6.27	35.24	2.29	0.7
54	gi|148536844|ref|NP_000059.3|	1746	1760	10357	3.93	3.93	14.66	1	6.27	41.34	3.1	0.7
54	gi|148536844|ref|NP_000059.3|	1747	1761	10358	3.93	3.93	14.66	1	6.27	47.57	3.4	1.13
54	gi|148536844|ref|NP_000059.3|	1748	1762	10359	6.08	6.08	25.57	1	21.2	32.09	4.37	1.2
54	gi|148536844|ref|NP_000059.3|	1749	1763	10360	5.57	5.57	9.21	1	4.92	12.93	5.19	10.53
54	gi|148536844|ref|NP_000059.3|	1750	1764	10361	8.87	8.87	9.21	1	4.48	7.25	32.74	9.94
54	gi|148536844|ref|NP_000059.3|	1751	1765	10362	8.11	9.39	9.21	2.22	4.1	6.59	30.74	8.11

Table 2

54	gi|148536844|ref|NP_000059.3|	1752	1766	10363	7.12	11.43	9.21	3.53	3.54	7.12	59.47	6.04
54	gi|148536844|ref|NP_000059.3|	1753	1767	10364	11.1	18.08	9.27	45.58	5.32	11.1	65.67	8.95
54	gi|148536844|ref|NP_000059.3|	1787	1801	10365	4.07	37.73	0.51	1.33	4.07	81.02	49.63	1.44
54	gi|148536844|ref|NP_000059.3|	1788	1802	10366	4.07	41.11	0.41	1.04	4.07	78.6	33.89	1.26
54	gi|148536844|ref|NP_000059.3|	1789	1803	10367	4.07	18.86	0.41	1.08	4.07	77.93	26.24	1.31
54	gi|148536844|ref|NP_000059.3|	1790	1804	10368	4.07	14.42	0.41	1.14	4.07	76.42	23.47	1.1
54	gi|148536844|ref|NP_000059.3|	1791	1805	10369	4.07	13.9	0.41	1.18	4.07	72.67	23.47	1.1
54	gi|148536844|ref|NP_000059.3|	1792	1806	10370	4.07	14.37	1.1	3.87	4.07	70.99	23.47	2.53
54	gi|148536844|ref|NP_000059.3|	1793	1807	10371	4.07	10.91	0.27	0.37	4.07	62.63	23.47	0.62
54	gi|148536844|ref|NP_000059.3|	1794	1808	10372	9.77	9.77	7.6	0.38	17.21	56.25	23.47	0.62
54	gi|148536844|ref|NP_000059.3|	1795	1809	10373	7.6	4.77	7.6	0.37	11.83	54.21	23.47	0.62
54	gi|148536844|ref|NP_000059.3|	1796	1810	10374	9.37	4.77	9.37	0.32	11.78	52.66	23.47	0.62
54	gi|148536844|ref|NP_000059.3|	1797	1811	10375	10.12	4.77	10.12	0.32	12.92	54.49	28.22	0.62
54	gi|148536844|ref|NP_000059.3|	1798	1812	10376	4.77	4.77	12.11	1.01	0.69	59.41	26.13	0.62
54	gi|148536844|ref|NP_000059.3|	1799	1813	10377	4.77	4.77	16.5	0.85	0.8	66.87	17.86	0.62
54	gi|148536844|ref|NP_000059.3|	1800	1814	10378	9.2	6.58	23.99	1.93	0.56	68.17	17.86	9.2
54	gi|148536844|ref|NP_000059.3|	1801	1815	10379	9.54	2.83	14.99	2.33	0.5	67.13	17.86	9.54
54	gi|148536844|ref|NP_000059.3|	1802	1816	10380	3.33	2.55	14.99	0.89	0.5	67.34	17.86	3.33
54	gi|148536844|ref|NP_000059.3|	1803	1817	10381	3.53	2.54	14.99	1.2	0.47	68.87	17.86	3.53
54	gi|148536844|ref|NP_000059.3|	1804	1818	10382	3.83	2.44	14.99	1.52	0.47	69.43	17.86	3.83
54	gi|148536844|ref|NP_000059.3|	1805	1819	10383	8.48	5.06	13.96	1.52	8.48	61.28	17.86	3.67
54	gi|148536844|ref|NP_000059.3|	1806	1820	10384	8.09	5.27	14.99	1.91	8.09	61.34	23.04	6.18
54	gi|148536844|ref|NP_000059.3|	1807	1821	10385	11.15	11.15	14.99	6.11	0.26	54.65	21.83	9.16
54	gi|148536844|ref|NP_000059.3|	1808	1822	10386	9.03	2.44	17.64	6.2	0.01	32.46	21.83	9.03
54	gi|148536844|ref|NP_000059.3|	1809	1823	10387	17.58	1.8	23.51	17.58	0.01	27.65	21.83	15.88
54	gi|148536844|ref|NP_000059.3|	1816	1830	10388	14.09	1.38	17.06	14.09	13.17	8.71	53.28	14.13
54	gi|148536844|ref|NP_000059.3|	1817	1831	10389	14.13	1.3	17.06	14.38	12.23	5.6	55.01	14.13
54	gi|148536844|ref|NP_000059.3|	1818	1832	10390	14.13	0.75	17.06	14.48	11.95	4.18	63.29	14.13
54	gi|148536844|ref|NP_000059.3|	1819	1833	10391	14.13	0.51	17.06	11.76	15.13	4.54	64.15	14.13
54	gi|148536844|ref|NP_000059.3|	1820	1834	10392	17.06	1.1	17.06	10.26	25.53	8.03	51.35	20.4
54	gi|148536844|ref|NP_000059.3|	1821	1835	10393	17.06	2.28	17.06	15.14	41.28	14.51	51.35	23.85
54	gi|148536844|ref|NP_000059.3|	1847	1861	10394	19.72	17.27	45.76	17.14	11.65	43.32	19.72	32.04
54	gi|148536844|ref|NP_000059.3|	1848	1862	10395	17.27	17.27	58.87	19.1	12.81	28.35	15.59	2.02
54	gi|148536844|ref|NP_000059.3|	1849	1863	10396	12.9	17.27	53.72	5.52	12.9	21.26	11	2.01
54	gi|148536844|ref|NP_000059.3|	1850	1864	10397	12.5	16.64	52.41	4.82	12.5	16.72	8.86	1.92
54	gi|148536844|ref|NP_000059.3|	1851	1865	10398	7.26	5.69	56.66	5.79	19.35	11.06	7.26	1.87
54	gi|148536844|ref|NP_000059.3|	1852	1866	10399	8.58	5.24	44.81	8.58	26.31	8.95	2.52	2
54	gi|148536844|ref|NP_000059.3|	1853	1867	10400	9.5	7.09	50.06	11.1	30.92	9.5	2.47	4.45
54	gi|148536844|ref|NP_000059.3|	1854	1868	10401	5.35	5.24	7.42	1.11	30.92	6.12	3.35	5.35
54	gi|148536844|ref|NP_000059.3|	1855	1869	10402	4.09	5.94	10.8	0.78	55.78	4.09	2.44	3.99
54	gi|148536844|ref|NP_000059.3|	1856	1870	10403	3.72	4.85	4.3	0.69	54.29	1.62	2.53	3.72
54	gi|148536844|ref|NP_000059.3|	1857	1871	10404	4.15	5.42	6.45	0.72	57.24	1.56	2.14	4.15
54	gi|148536844|ref|NP_000059.3|	1858	1872	10405	3.6	5.53	8.12	0.73	57.24	1.81	2.33	3.6
54	gi|148536844|ref|NP_000059.3|	1859	1873	10406	9.07	9.07	10.75	1.11	57.24	3.35	21.36	3.64
54	gi|148536844|ref|NP_000059.3|	1860	1874	10407	11.37	11.37	14.37	1.11	57.24	7.76	43.25	7.11
54	gi|148536844|ref|NP_000059.3|	1871	1885	10408	16.44	15.36	16.44	34.6	55.66	15.81	37.54	10.99
54	gi|148536844|ref|NP_000059.3|	1872	1886	10409	13.71	10.25	13.71	17.79	45.81	9.29	17.82	9.7
54	gi|148536844|ref|NP_000059.3|	1873	1887	10410	14.05	8.66	14.05	18.1	41.3	10.69	14.47	11.92

Table 2

54	gi|148536844|ref|NP_000059.3|	1874	1888	10411	6.89	3.26	7.19	8.24	43.97	6.89	2.66	2.5
54	gi|148536844|ref|NP_000059.3|	1875	1889	10412	6.86	3.26	7.19	8.57	46.46	6.86	1.49	2.84
54	gi|148536844|ref|NP_000059.3|	1876	1890	10413	6.87	3.38	13.07	9.06	45.21	6.87	1.19	2.75
54	gi|148536844|ref|NP_000059.3|	1877	1891	10414	5.44	5.94	26.33	5.44	12.57	4.37	0.94	3.22
54	gi|148536844|ref|NP_000059.3|	1878	1892	10415	3.1	0.04	34.49	5.61	1.1	3.1	0.95	3.31
54	gi|148536844|ref|NP_000059.3|	1879	1893	10416	2.93	0.04	38.78	9.46	0.84	2.93	1.91	9.05
54	gi|148536844|ref|NP_000059.3|	1880	1894	10417	3.91	0.04	38.78	9.6	0.76	3.36	3.91	9.28
54	gi|148536844|ref|NP_000059.3|	1881	1895	10418	5.91	0.04	47.45	12.45	0.73	4.39	5.91	27.93
54	gi|148536844|ref|NP_000059.3|	1882	1896	10419	17.96	0.04	70.96	21.86	1.36	7.44	17.96	28.54
54	gi|148536844|ref|NP_000059.3|	1890	1904	10420	14.08	3.67	14.08	11.69	7.43	18.72	45.81	21.62
54	gi|148536844|ref|NP_000059.3|	1891	1905	10421	13.5	10.28	13.5	10.83	34.32	5.25	34.71	21.62
54	gi|148536844|ref|NP_000059.3|	1892	1906	10422	7.95	5.17	0.25	8.14	9.99	2.1	26.48	7.95
54	gi|148536844|ref|NP_000059.3|	1893	1907	10423	7.88	5.06	0.43	7.88	10.54	1.3	21.93	7.95
54	gi|148536844|ref|NP_000059.3|	1894	1908	10424	7.95	4.98	0.73	12.59	9.84	1.18	24.51	7.95
54	gi|148536844|ref|NP_000059.3|	1895	1909	10425	7.27	6.65	1.2	14.35	9.84	2.29	29.2	7.27
54	gi|148536844|ref|NP_000059.3|	1896	1910	10426	8.18	4.29	1.8	11.64	9.84	8.18	14.72	7.95
54	gi|148536844|ref|NP_000059.3|	1897	1911	10427	9.84	7.12	2.63	12.39	9.84	26.03	15.91	7.95
54	gi|148536844|ref|NP_000059.3|	1898	1912	10428	9.84	7.12	2.63	11.56	9.84	37.74	10.55	7.95
54	gi|148536844|ref|NP_000059.3|	1899	1913	10429	11.69	7.12	22.11	11.69	12.47	31.56	5.84	6.6
54	gi|148536844|ref|NP_000059.3|	1900	1914	10430	9.84	7.12	11.16	10.81	9.84	12.4	4.27	5.42
54	gi|148536844|ref|NP_000059.3|	1901	1915	10431	7.12	7.12	11.85	14.61	16.85	5.98	2.92	5.42
54	gi|148536844|ref|NP_000059.3|	1902	1916	10432	7.12	7.12	14.22	19.35	16.85	4.39	3.66	5.42
54	gi|148536844|ref|NP_000059.3|	1903	1917	10433	8.84	8.84	19.05	24.57	16.85	5.47	5.41	5.42
54	gi|148536844|ref|NP_000059.3|	1904	1918	10434	14.41	14.41	33.49	28.46	16.85	8.36	12.79	5.42
54	gi|148536844|ref|NP_000059.3|	1905	1919	10435	16.85	14.41	39.4	34.45	16.85	15.14	17.82	6.76
54	gi|148536844|ref|NP_000059.3|	1906	1920	10436	15.14	10.25	43.51	29.61	15.14	38.01	14.77	5.42
54	gi|148536844|ref|NP_000059.3|	1907	1921	10437	20	10.25	43.51	29.97	15.14	56.74	20	11.65
54	gi|148536844|ref|NP_000059.3|	1926	1940	10438	11.14	13.37	31.19	8.01	11.14	31.35	9.28	5.29
54	gi|148536844|ref|NP_000059.3|	1927	1941	10439	12.18	15	31.19	4.81	12.18	20.92	9.28	6.38
54	gi|148536844|ref|NP_000059.3|	1928	1942	10440	12.18	14.8	31.19	4.66	12.18	16.24	9.28	5.97
54	gi|148536844|ref|NP_000059.3|	1929	1943	10441	12.18	5	63.62	3.75	12.18	14.66	14.97	6.63
54	gi|148536844|ref|NP_000059.3|	1930	1944	10442	11.25	4.78	60.92	3.75	12.18	16.04	11.25	6.78
54	gi|148536844|ref|NP_000059.3|	1931	1945	10443	15.74	4.7	69.61	7.53	44.08	23.52	15.74	13.93
54	gi|148536844|ref|NP_000059.3|	1932	1946	10444	13.33	4.4	40.48	8.08	41.43	28	13.33	13.21
54	gi|148536844|ref|NP_000059.3|	1942	1956	10445	9.97	7.64	5.32	7.32	45.95	31.48	35.27	9.97
54	gi|148536844|ref|NP_000059.3|	1943	1957	10446	12.46	7.64	5.97	12.46	45.95	39.74	34.97	9.97
54	gi|148536844|ref|NP_000059.3|	1944	1958	10447	12.46	7.64	5.82	12.46	45.95	50.07	36.86	9.97
54	gi|148536844|ref|NP_000059.3|	1952	1966	10448	18.7	18.7	12.27	12.23	29.29	37.25	35.89	6.6
54	gi|148536844|ref|NP_000059.3|	1953	1967	10449	12.23	23.54	5.95	12.23	6.62	26.27	26.58	6.6
54	gi|148536844|ref|NP_000059.3|	1954	1968	10450	11.69	21.14	6.21	11.69	6.62	20.9	20.08	6.6
54	gi|148536844|ref|NP_000059.3|	1955	1969	10451	9.58	15.37	9.58	9.9	6.62	21.84	9.05	6.6
54	gi|148536844|ref|NP_000059.3|	1956	1970	10452	9.51	14.71	12.36	9.51	6.62	22.03	9.05	4.01
54	gi|148536844|ref|NP_000059.3|	1957	1971	10453	9.05	17.24	16.44	7.7	6.62	28.3	9.05	7.61
54	gi|148536844|ref|NP_000059.3|	1958	1972	10454	9.05	16.85	20.86	7.88	6.62	34.39	9.05	5.1
54	gi|148536844|ref|NP_000059.3|	1959	1973	10455	9.05	17.51	32.65	5.5	3.58	34.12	9.05	5.42
54	gi|148536844|ref|NP_000059.3|	1960	1974	10456	9.05	12.33	47.29	8.75	2.31	24.39	9.05	5.39
54	gi|148536844|ref|NP_000059.3|	1961	1975	10457	9.05	12.33	53.94	6.61	3.41	21.26	9.05	4.86
54	gi|148536844|ref|NP_000059.3|	1962	1976	10458	12.33	12.33	60.42	4.18	3.49	17.48	19.35	4.93

Table 2

54	gi|148536844|ref|NP_000059.3|	1963	1977	10459	13.66	13.66	60.42	3.14	3.92	16.06	17.31	5.37
54	gi|148536844|ref|NP_000059.3|	1964	1978	10460	8.34	8.34	42.98	3.14	4.2	8.65	20.05	0.49
54	gi|148536844|ref|NP_000059.3|	1965	1979	10461	1.08	8.34	1.08	3.59	0.02	0.37	19.99	0.26
54	gi|148536844|ref|NP_000059.3|	1966	1980	10462	5.33	8.34	0.96	5.33	7.12	0.07	24.57	0.2
54	gi|148536844|ref|NP_000059.3|	1967	1981	10463	6.66	8.34	0.81	9.24	6.66	0.04	26.57	0.18
54	gi|148536844|ref|NP_000059.3|	1968	1982	10464	6.02	8.34	0.63	11.17	6.02	0.04	26.57	0.23
54	gi|148536844|ref|NP_000059.3|	1969	1983	10465	8.34	8.34	0.88	12.96	10.58	0.07	26.57	0.45
54	gi|148536844|ref|NP_000059.3|	1970	1984	10466	8.34	8.34	1.1	26.72	19.94	0.17	9.31	0.7
54	gi|148536844|ref|NP_000059.3|	1971	1985	10467	8.86	13.62	1.73	28.03	36.72	6.66	8.86	0.7
54	gi|148536844|ref|NP_000059.3|	1988	2002	10468	12.68	9.46	74.61	26.6	12.68	24.41	0.79	3.73
54	gi|148536844|ref|NP_000059.3|	1989	2003	10469	12.68	9.45	76.43	26.85	12.68	22.74	1.14	3.7
54	gi|148536844|ref|NP_000059.3|	1990	2004	10470	12.68	9.57	80.17	33.3	12.68	25.2	7.29	3.89
54	gi|148536844|ref|NP_000059.3|	2030	2044	10471	16.43	6.91	13.75	16.43	59.09	54.33	30.64	5.58
54	gi|148536844|ref|NP_000059.3|	2121	2135	10472	16.31	5.08	14.88	16.31	63.11	36.34	62.36	11.32
54	gi|148536844|ref|NP_000059.3|	2123	2137	10473	18.15	16.04	20.07	16.41	63.11	18.15	55.81	14.34
54	gi|148536844|ref|NP_000059.3|	2124	2138	10474	16.1	16.1	20.07	13.18	63.11	14.21	50.8	14.34
54	gi|148536844|ref|NP_000059.3|	2125	2139	10475	17.28	16.18	20.07	13.71	75.22	17.28	53.81	14.34
54	gi|148536844|ref|NP_000059.3|	2127	2141	10476	13.99	4.34	13.99	13.39	75.22	38.1	59.68	6.6
55	gi|148536846|ref|NP_075461.2|	42	56	10477	12.4	15.15	12.4	24.19	42.99	6.57	9.08	6.6
55	gi|148536846|ref|NP_075461.2|	43	57	10478	7.34	15.15	12.24	24.19	7.34	2.2	7.27	6.6
55	gi|148536846|ref|NP_075461.2|	44	58	10479	7.34	15.15	12.12	24.19	7.34	1.51	5.32	6.6
55	gi|148536846|ref|NP_075461.2|	45	59	10480	8.07	15.15	10.25	24.19	7.34	1.28	8.07	6.45
55	gi|148536846|ref|NP_075461.2|	46	60	10481	12.81	15.15	12.81	21.31	7.34	1.88	20.77	6.6
55	gi|148536846|ref|NP_075461.2|	47	61	10482	8.31	15.15	8.31	26.45	7.34	4.84	24.52	6.6
55	gi|148536846|ref|NP_075461.2|	48	62	10483	14.92	15.15	6.59	28.35	7.34	14.92	24.52	6.6
55	gi|148536846|ref|NP_075461.2|	52	66	10484	19.17	21.27	9.92	17.95	19.17	37.18	16.02	32.24
55	gi|148536846|ref|NP_075461.2|	53	67	10485	14.51	13.28	6.59	2.25	19.17	38.78	14.51	14.56
55	gi|148536846|ref|NP_075461.2|	54	68	10486	14.51	11.59	6.88	2.15	19.17	30.09	14.51	15.37
55	gi|148536846|ref|NP_075461.2|	55	69	10487	14.51	11.59	26.63	2.15	19.17	25.22	14.51	12.28
55	gi|148536846|ref|NP_075461.2|	56	70	10488	14.51	11.59	38.55	2.15	19.17	23.63	14.51	6.65
55	gi|148536846|ref|NP_075461.2|	57	71	10489	14.51	11.59	41.25	2.38	31.63	23.51	14.51	6.82
55	gi|148536846|ref|NP_075461.2|	58	72	10490	14.51	11.59	25.33	7.63	35.34	24.45	14.51	8.07
55	gi|148536846|ref|NP_075461.2|	59	73	10491	16.71	16.71	28.53	7.94	36.7	27.05	11.09	8.06
55	gi|148536846|ref|NP_075461.2|	66	80	10492	8.1	1.81	4.9	6.5	14.3	8.1	32.43	18.44
55	gi|148536846|ref|NP_075461.2|	67	81	10493	5.85	0.81	5.85	5.82	13	3.98	37.02	18.44
55	gi|148536846|ref|NP_075461.2|	68	82	10494	8.09	0.48	8.09	5.8	13.29	3.21	31.09	16.56
55	gi|148536846|ref|NP_075461.2|	69	83	10495	12.68	0.47	12.68	5.8	13.59	4.09	29.46	16.56
55	gi|148536846|ref|NP_075461.2|	70	84	10496	16.56	1.13	17.42	5.88	17.26	6.19	24.41	16.56
55	gi|148536846|ref|NP_075461.2|	71	85	10497	16.56	2.5	17.78	13	22.8	12.53	18.54	16.56
55	gi|148536846|ref|NP_075461.2|	72	86	10498	16.56	6.18	26.78	10.64	28.18	35.12	14.59	16.56
55	gi|148536846|ref|NP_075461.2|	73	87	10499	13.96	6.18	2.44	13.96	7.39	33.45	16.65	15.91
55	gi|148536846|ref|NP_075461.2|	74	88	10500	10.81	6.18	2.99	10.81	7.77	12.18	15.05	15.91
55	gi|148536846|ref|NP_075461.2|	75	89	10501	5.09	2.64	4.12	8.79	4.9	5.09	13.03	14.36
55	gi|148536846|ref|NP_075461.2|	76	90	10502	5.45	1.48	5.45	8.95	4.73	2.76	13.4	10.94
55	gi|148536846|ref|NP_075461.2|	77	91	10503	8.11	1.14	8.11	12.94	5.15	2.49	28.45	12.98
55	gi|148536846|ref|NP_075461.2|	78	92	10504	10.7	1.56	10.7	17.43	5.76	2.88	58.54	15.49
55	gi|148536846|ref|NP_075461.2|	79	93	10505	14.93	3.18	14.93	27.28	8.63	6.45	77.17	15.91
55	gi|148536846|ref|NP_075461.2|	80	94	10506	14.12	6.14	28.91	5.55	14.12	14.6	42.54	3.44

Table 2

55	gi|148536846|ref|NP_075461.2|	95	109	10507	16.31	69.86	16.31	13.25	18.78	67.6	15.7	2.52
55	gi|148536846|ref|NP_075461.2|	96	110	10508	4.14	50.68	4.14	2.42	2.3	56.42	15.37	2.05
55	gi|148536846|ref|NP_075461.2|	97	111	10509	4.14	7.5	4.14	2.4	2.12	50.08	15.64	2.04
55	gi|148536846|ref|NP_075461.2|	98	112	10510	4.14	7.14	4.14	2.48	2.09	49.42	4.85	1.98
55	gi|148536846|ref|NP_075461.2|	99	113	10511	3.86	6.64	3.86	2.14	2.71	37.77	4.85	1.9
55	gi|148536846|ref|NP_075461.2|	100	114	10512	4.14	6.35	4.14	2.14	2.68	33.09	4.85	1.84
55	gi|148536846|ref|NP_075461.2|	101	115	10513	4.85	5.4	4.14	2.54	4.93	30.44	4.85	2.12
55	gi|148536846|ref|NP_075461.2|	102	116	10514	3.31	3.31	4.14	2.32	0.44	28.29	4.85	2.13
55	gi|148536846|ref|NP_075461.2|	103	117	10515	4.85	4.29	10.86	4.8	16.96	27.88	4.85	4.01
55	gi|148536846|ref|NP_075461.2|	104	118	10516	7.51	5.69	13.07	7.51	14.96	32.43	4.85	6.39
55	gi|148536846|ref|NP_075461.2|	105	119	10517	13.07	5.69	13.07	9.17	13.79	42.46	23.66	6.51
55	gi|148536846|ref|NP_075461.2|	107	121	10518	8.78	5.69	21.88	8.78	19.48	37.57	5.17	4.17
55	gi|148536846|ref|NP_075461.2|	108	122	10519	8.83	5.69	24.91	8.83	21.3	37.99	5.17	4.38
55	gi|148536846|ref|NP_075461.2|	109	123	10520	8.7	7.72	29.72	8.7	23.46	41.71	5.17	4.44
55	gi|148536846|ref|NP_075461.2|	110	124	10521	7.59	5.75	35.68	7.59	22.99	44.2	4.96	4.53
55	gi|148536846|ref|NP_075461.2|	111	125	10522	9.56	7.23	38.58	9.56	23.46	48.21	4.08	4.67
55	gi|148536846|ref|NP_075461.2|	112	126	10523	13.57	9.27	46.3	13.57	23.46	54.98	3.64	12.69
55	gi|148536846|ref|NP_075461.2|	138	152	10524	9.83	16.14	2.07	8.28	9.83	18.51	44.34	1.19
55	gi|148536846|ref|NP_075461.2|	139	153	10525	9.05	15.33	1.64	5.81	9.98	9.05	37.83	1.23
55	gi|148536846|ref|NP_075461.2|	140	154	10526	5.34	11.02	2.05	4.8	11.13	5.34	30.47	1.21
55	gi|148536846|ref|NP_075461.2|	141	155	10527	4.8	10.92	2.09	4.8	11.57	4.19	25.13	2.28
55	gi|148536846|ref|NP_075461.2|	142	156	10528	8.01	11.02	3.22	8.01	16.75	5.34	38.69	2.68
55	gi|148536846|ref|NP_075461.2|	143	157	10529	8.44	15.27	3.41	8.01	24.64	8.44	42.92	2.68
55	gi|148536846|ref|NP_075461.2|	144	158	10530	15.89	15.89	5.27	3.63	32.83	22.92	31.9	2.68
55	gi|148536846|ref|NP_075461.2|	145	159	10531	4.79	22.4	12.46	3.31	1.96	38.22	4.79	4.24
55	gi|148536846|ref|NP_075461.2|	146	160	10532	4.18	21.11	12.46	3.16	1.99	52.78	4.18	4.08
55	gi|148536846|ref|NP_075461.2|	147	161	10533	4.21	18.37	12.46	2.54	2	31.28	4.21	2.44
55	gi|148536846|ref|NP_075461.2|	148	162	10534	6.74	20	13.51	2.66	2.14	24.76	6.74	2.44
55	gi|148536846|ref|NP_075461.2|	149	163	10535	11.92	19.98	13.79	2.64	2.31	22.73	11.92	2.44
55	gi|148536846|ref|NP_075461.2|	150	164	10536	17.9	28.39	25.23	2.68	7.49	22.73	17.9	2.44
55	gi|148536846|ref|NP_075461.2|	151	165	10537	2.44	29.89	0.88	1.88	0.76	14.44	28.07	2.44
55	gi|148536846|ref|NP_075461.2|	152	166	10538	7	32.74	1.17	1.88	30.67	7	28.15	2.44
55	gi|148536846|ref|NP_075461.2|	153	167	10539	5.94	31.87	1.78	4.71	30.67	5.94	29	2.44
55	gi|148536846|ref|NP_075461.2|	154	168	10540	6.3	34.93	1.88	6.3	38.77	6.14	62.75	5.3
55	gi|148536846|ref|NP_075461.2|	155	169	10541	6.9	36.21	1.88	6.54	48.51	6.3	59.52	6.9
55	gi|148536846|ref|NP_075461.2|	156	170	10542	10.14	46.16	1.88	7.95	57.11	9.92	74.9	10.14
55	gi|148536846|ref|NP_075461.2|	157	171	10543	17.19	64.27	1.88	8.22	64.76	17.19	71.87	12.23
55	gi|148536846|ref|NP_075461.2|	168	182	10544	10.24	4.7	10.24	6.49	15.22	66.72	28.9	0.52
55	gi|148536846|ref|NP_075461.2|	169	183	10545	10.24	4.7	10.24	2.05	17.34	62.59	22.49	0.5
55	gi|148536846|ref|NP_075461.2|	170	184	10546	10.24	4.37	10.24	2.03	19.2	64	22.49	0.5
55	gi|148536846|ref|NP_075461.2|	171	185	10547	10.24	4.37	10.24	1.88	21.49	63.17	22.49	0.48
55	gi|148536846|ref|NP_075461.2|	172	186	10548	10.24	4.37	10.24	1.55	30.99	62.61	22.49	0.48
55	gi|148536846|ref|NP_075461.2|	173	187	10549	10.24	4.37	10.24	2.21	40.62	65.94	22.49	1.59
55	gi|148536846|ref|NP_075461.2|	174	188	10550	10.24	4.37	10.24	4.19	49.85	73.14	22.49	1.59
55	gi|148536846|ref|NP_075461.2|	175	189	10551	9.21	4.37	9.21	4.98	28.48	71.08	22.49	4.78
55	gi|148536846|ref|NP_075461.2|	176	190	10552	10.6	4.37	10.6	8.18	25.58	71.08	28.76	5.79
55	gi|148536846|ref|NP_075461.2|	177	191	10553	18.35	6.71	9.54	18.35	23.41	67.55	28.76	13.11
55	gi|148536846|ref|NP_075461.2|	185	199	10554	3.66	1.54	1.59	2.61	21.44	3.66	21.35	6.6

Table 2

55	gi|148536846|ref|NP_075461.2|	186	200	10555	2.61	2.57	1.1	2.61	21.89	0.81	12.24	6.6
55	gi|148536846|ref|NP_075461.2|	187	201	10556	2.63	2.63	1.43	2.61	29.59	0.37	6.52	6.6
55	gi|148536846|ref|NP_075461.2|	188	202	10557	2.61	1.99	1.61	2.61	37.69	0.27	3.16	6.6
55	gi|148536846|ref|NP_075461.2|	189	203	10558	1.99	1.99	1.61	2.61	37.97	0.17	1.88	6.6
55	gi|148536846|ref|NP_075461.2|	190	204	10559	1.99	1.99	1.61	4.25	37.97	0.24	1.45	6.6
55	gi|148536846|ref|NP_075461.2|	191	205	10560	1.38	1.97	1.38	1.81	37.97	0.17	0.59	0.49
55	gi|148536846|ref|NP_075461.2|	192	206	10561	1.61	1.97	1.61	2.32	54.96	0.17	0.55	0.47
55	gi|148536846|ref|NP_075461.2|	193	207	10562	1.97	1.97	2.39	1.99	58.41	0.37	0.52	0.46
55	gi|148536846|ref|NP_075461.2|	194	208	10563	1.97	1.97	3.52	2.25	59.54	0.69	0.47	0.48
55	gi|148536846|ref|NP_075461.2|	195	209	10564	1.97	1.97	6.09	2.5	59.86	1.51	0.83	0.51
55	gi|148536846|ref|NP_075461.2|	196	210	10565	4.2	2.21	9.53	6.3	64.95	4.2	0.88	2.02
55	gi|148536846|ref|NP_075461.2|	197	211	10566	2.3	2.21	4.85	2.3	64.9	12.84	0.73	1.74
55	gi|148536846|ref|NP_075461.2|	198	212	10567	7.51	9.16	7.51	2.56	62.72	14.55	1.71	3.83
55	gi|148536846|ref|NP_075461.2|	199	213	10568	2.87	2.05	7.36	2.62	66.26	7.86	1.69	2.87
55	gi|148536846|ref|NP_075461.2|	200	214	10569	2.51	2.04	3.23	1.54	63.38	3.6	1.84	2.51
55	gi|148536846|ref|NP_075461.2|	201	215	10570	2.41	2.41	3.51	1.57	63.69	2.07	1.86	2.56
55	gi|148536846|ref|NP_075461.2|	202	216	10571	2.99	2.41	3.55	2.99	66.28	1.8	1.83	3.76
55	gi|148536846|ref|NP_075461.2|	203	217	10572	2.92	2.41	4.94	2.92	67.74	2.23	2.52	3.25
55	gi|148536846|ref|NP_075461.2|	204	218	10573	5.67	4.87	9.28	4.86	71.14	5.23	5.67	11.11
55	gi|148536846|ref|NP_075461.2|	205	219	10574	11.11	4.89	10.55	13.51	72.33	19.72	5.67	11.11
55	gi|148536846|ref|NP_075461.2|	206	220	10575	9.97	4.35	12.9	9.6	70.57	32.19	1.73	9.97
55	gi|148536846|ref|NP_075461.2|	207	221	10576	8.42	6.22	21.36	7.93	72.01	28.18	1.72	8.42
55	gi|148536846|ref|NP_075461.2|	208	222	10577	5.8	2.96	24.23	3.96	68.09	20.98	2.45	5.8
55	gi|148536846|ref|NP_075461.2|	209	223	10578	3.59	1.24	16.6	3.51	61.28	15.92	2.13	3.59
55	gi|148536846|ref|NP_075461.2|	210	224	10579	2.13	1.15	1.5	2.13	58.83	10.7	1.33	2.49
55	gi|148536846|ref|NP_075461.2|	211	225	10580	2.21	1.29	2.05	2.21	4.63	9.91	1.32	3.21
55	gi|148536846|ref|NP_075461.2|	212	226	10581	3.16	1.22	1.67	3.16	4.63	9.25	1.14	4.17
55	gi|148536846|ref|NP_075461.2|	213	227	10582	2.75	1.01	1.48	2.75	4.63	8.5	0.61	4.42
55	gi|148536846|ref|NP_075461.2|	214	228	10583	2.2	1.01	2.2	3.33	4.63	6.27	0.45	1.27
55	gi|148536846|ref|NP_075461.2|	215	229	10584	3.04	1.28	3.04	7.16	4.63	4.5	0.56	1.27
55	gi|148536846|ref|NP_075461.2|	216	230	10585	4.63	1.28	4.96	8.04	4.63	5.29	0.59	1.27
55	gi|148536846|ref|NP_075461.2|	217	231	10586	4.7	4.7	19.68	7.14	4.63	5.95	0.58	1.27
55	gi|148536846|ref|NP_075461.2|	218	232	10587	6.72	4.7	19.68	6.72	28.54	10.09	0.21	1.27
55	gi|148536846|ref|NP_075461.2|	219	233	10588	5.82	4.7	19.68	5.82	28.54	20.18	0.22	3.71
55	gi|148536846|ref|NP_075461.2|	220	234	10589	4.02	3.99	24.21	4.02	53.14	38.99	1.73	3.59
55	gi|148536846|ref|NP_075461.2|	221	235	10590	8.63	2.86	31.2	3.82	31.23	53.55	2.22	8.63
55	gi|148536846|ref|NP_075461.2|	222	236	10591	10.86	2.85	32.16	5.01	29.28	63.1	2.86	10.86
55	gi|148536846|ref|NP_075461.2|	223	237	10592	5.21	2.76	28.3	4.35	5.21	66.31	2.86	10.46
55	gi|148536846|ref|NP_075461.2|	224	238	10593	5.35	3.01	9.21	5.35	5.21	72.97	2.86	12.45
55	gi|148536846|ref|NP_075461.2|	225	239	10594	2.46	1.32	2.46	0.11	5.21	80.61	4.45	2.05
55	gi|148536846|ref|NP_075461.2|	226	240	10595	2.46	1.45	2.46	0.09	5.21	85.95	4.45	2.05
55	gi|148536846|ref|NP_075461.2|	227	241	10596	2.46	1.45	2.46	0.08	5.21	85.67	4.45	2.05
55	gi|148536846|ref|NP_075461.2|	228	242	10597	1.16	4.01	0.18	0.07	0.2	82.81	4.45	1.16
55	gi|148536846|ref|NP_075461.2|	229	243	10598	0.91	4.01	0.18	0.07	0.18	79.22	0.91	1.16
55	gi|148536846|ref|NP_075461.2|	230	244	10599	1.42	5.27	0.5	0.42	0.26	80.39	1.42	2.15
55	gi|148536846|ref|NP_075461.2|	231	245	10600	0.59	5.57	0.59	0.34	0.38	80.2	0.58	2.08
55	gi|148536846|ref|NP_075461.2|	232	246	10601	1.34	4.04	1.34	0.95	0.43	77.08	0.59	2.75
55	gi|148536846|ref|NP_075461.2|	233	247	10602	1.75	4.31	1.75	1.02	1.11	72.6	0.54	3.49

Table 2

55	gi|148536846|ref|NP_075461.2|	234	248	10603	1.81	4.31	1.81	0.99	0.74	69.52	0.71	3.97
55	gi|148536846|ref|NP_075461.2|	235	249	10604	4.31	4.31	2.03	1.1	10.91	69.24	0.72	4.74
55	gi|148536846|ref|NP_075461.2|	236	250	10605	4.31	4.31	2.42	3.04	10.91	67.16	4.04	5.44
55	gi|148536846|ref|NP_075461.2|	237	251	10606	5.16	7.35	2.59	3.39	10.91	57.93	4.04	5.16
55	gi|148536846|ref|NP_075461.2|	294	308	10607	18.2	18.2	54.97	8.57	6.34	29.76	39.21	17.18
55	gi|148536846|ref|NP_075461.2|	295	309	10608	14.01	14.48	14.01	7.41	6.34	24.82	33.73	12.86
55	gi|148536846|ref|NP_075461.2|	296	310	10609	14.01	16.36	14.01	6.15	6.34	25.89	41.22	12.86
55	gi|148536846|ref|NP_075461.2|	297	311	10610	14.01	22.89	14.01	9.76	6.34	30.68	47.33	12.86
55	gi|148536846|ref|NP_075461.2|	298	312	10611	9.43	3.6	14.01	8.03	6.34	44.14	37.93	9.43
55	gi|148536846|ref|NP_075461.2|	299	313	10612	14.01	4.56	14.01	8.81	22.03	63.39	37.93	8.93
55	gi|148536846|ref|NP_075461.2|	300	314	10613	9.59	4.59	9.71	9.43	28.08	76.52	9.59	8.45
55	gi|148536846|ref|NP_075461.2|	301	315	10614	9.71	4.36	9.71	11.87	27.35	75.28	8.18	8.44
55	gi|148536846|ref|NP_075461.2|	302	316	10615	9.71	4.39	9.71	16.63	28.08	77.47	9.34	8.91
55	gi|148536846|ref|NP_075461.2|	303	317	10616	11.24	11.24	9.71	14.38	28.08	77.89	6.31	9.86
55	gi|148536846|ref|NP_075461.2|	304	318	10617	11.91	11.91	11.13	20.72	28.08	79.68	6.07	11.75
55	gi|148536846|ref|NP_075461.2|	309	323	10618	17.02	15.17	40.05	31.11	3.26	68.55	12.97	17.02
55	gi|148536846|ref|NP_075461.2|	310	324	10619	17.31	12.9	41.52	29.47	2.97	66.44	12.84	17.31
55	gi|148536846|ref|NP_075461.2|	331	345	10620	9.71	12.33	9.71	1.77	0.29	73.08	44.76	1.4
55	gi|148536846|ref|NP_075461.2|	332	346	10621	5.32	5.32	9.71	1.06	0.68	68.73	44.76	1.16
55	gi|148536846|ref|NP_075461.2|	333	347	10622	5.68	5.68	9.71	1.1	0.73	68.62	44.76	1.17
55	gi|148536846|ref|NP_075461.2|	334	348	10623	5.67	5.67	9.71	1.12	0.98	68.03	40.49	1.16
55	gi|148536846|ref|NP_075461.2|	335	349	10624	5.63	5.63	9.71	1.15	0.67	66.8	40.49	1.16
55	gi|148536846|ref|NP_075461.2|	336	350	10625	9.71	16.2	9.71	2.4	1.07	66.96	40.49	2.71
55	gi|148536846|ref|NP_075461.2|	337	351	10626	10.87	10.87	9.71	0.16	36.82	66.08	37.91	0.59
55	gi|148536846|ref|NP_075461.2|	338	352	10627	9.56	7.31	28.3	0.27	33.93	64.45	9.56	0.57
55	gi|148536846|ref|NP_075461.2|	339	353	10628	9.56	2.58	36.71	0.27	32.2	63.1	9.56	0.57
55	gi|148536846|ref|NP_075461.2|	340	354	10629	9.56	2.43	13.24	0.16	30.42	62.65	9.56	0.51
55	gi|148536846|ref|NP_075461.2|	341	355	10630	9.56	2.33	14.57	0.16	31.95	62.4	9.56	0.53
55	gi|148536846|ref|NP_075461.2|	342	356	10631	9.56	2.29	14.67	0.42	30.64	66.92	9.56	2.01
55	gi|148536846|ref|NP_075461.2|	343	357	10632	9.56	2.36	21.95	0.41	30.64	70.43	9.56	1.92
55	gi|148536846|ref|NP_075461.2|	344	358	10633	9.56	2.71	26.13	3.63	17.27	55.98	9.56	4.34
55	gi|148536846|ref|NP_075461.2|	345	359	10634	18.13	2.71	31.89	4.23	18.13	45.63	40.09	4.01
55	gi|148536846|ref|NP_075461.2|	367	381	10635	17.13	12.35	42.98	17.13	31.91	16.95	37.78	2.63
55	gi|148536846|ref|NP_075461.2|	368	382	10636	17.49	17.49	46.92	17.13	41.06	15.67	22.82	2.6
55	gi|148536846|ref|NP_075461.2|	370	384	10637	16.34	15.15	42.98	21.36	63.79	16.34	1.78	2.63
55	gi|148536846|ref|NP_075461.2|	371	385	10638	13.92	10.92	42.98	18.14	51.89	13.92	0.1	3.84
55	gi|148536846|ref|NP_075461.2|	372	386	10639	14.15	10.92	42.98	23.37	51.89	14.15	0.1	5.05
55	gi|148536846|ref|NP_075461.2|	373	387	10640	14.51	3.01	42.98	24.06	51.89	14.51	0.1	2.25
55	gi|148536846|ref|NP_075461.2|	416	430	10641	14.81	11.2	11.03	44.01	75.22	14.81	27.85	5.77
55	gi|148536846|ref|NP_075461.2|	417	431	10642	12.13	11.05	11.03	36.78	75.22	12.13	23.99	5.66
55	gi|148536846|ref|NP_075461.2|	418	432	10643	15.72	11.41	11.03	37.03	75.22	15.72	21.88	8.99
55	gi|148536846|ref|NP_075461.2|	419	433	10644	14.21	10.33	11.03	36.37	75.22	14.21	27.85	8.85
55	gi|148536846|ref|NP_075461.2|	420	434	10645	5.58	3.31	3.12	19.79	72.67	8.29	1.2	5.58
55	gi|148536846|ref|NP_075461.2|	421	435	10646	6.74	3.31	4.52	20.01	72.67	7.18	1.19	6.74
55	gi|148536846|ref|NP_075461.2|	422	436	10647	8.93	5.83	6.62	21.85	72.67	8.93	1.27	22.78
55	gi|148536846|ref|NP_075461.2|	423	437	10648	10.49	4.42	10.3	22.64	72.34	10.49	1.26	22.78
55	gi|148536846|ref|NP_075461.2|	424	438	10649	16.89	7.12	15.91	24.09	72.67	16.89	1.35	22.78
55	gi|148536846|ref|NP_075461.2|	452	466	10650	12.23	7.68	1.54	17.13	75.22	9.62	28.12	12.23

Table 2

55	gi|148536846|ref|NP_075461.2|	453	467	10651	17.13	12.75	1.54	17.13	75.22	22.44	25.82	12.23
55	gi|148536846|ref|NP_075461.2|	454	468	10652	19.73	12.57	5.27	19.07	69.56	37.89	21.09	19.73
55	gi|148536846|ref|NP_075461.2|	455	469	10653	17.13	8.94	5.23	17.13	14.04	34.28	19.49	19.73
55	gi|148536846|ref|NP_075461.2|	466	480	10654	12.61	9.29	14.22	29.18	12.61	6.09	30.66	5.79
55	gi|148536846|ref|NP_075461.2|	467	481	10655	12.61	8.75	25.2	29.18	12.61	7.37	21.73	5.79
55	gi|148536846|ref|NP_075461.2|	468	482	10656	12.68	12.68	27.29	29.18	12.61	10.98	21.66	5.79
55	gi|148536846|ref|NP_075461.2|	469	483	10657	15.61	18.18	37.04	14.71	12.61	15.61	15.98	5.79
55	gi|148536846|ref|NP_075461.2|	470	484	10658	11.63	5.12	13.38	2.21	12.61	9.05	11.63	13.08
55	gi|148536846|ref|NP_075461.2|	471	485	10659	11.55	13.6	13.38	1.8	12.61	6.07	11.36	11.55
55	gi|148536846|ref|NP_075461.2|	472	486	10660	11.08	13.14	13.38	1.6	12.61	4.93	8.84	11.08
55	gi|148536846|ref|NP_075461.2|	473	487	10661	8.83	12.92	14.99	2.05	28.38	4.74	8.83	7.23
55	gi|148536846|ref|NP_075461.2|	474	488	10662	4.2	5.32	14.99	2.23	4.2	3.36	2.04	4.36
55	gi|148536846|ref|NP_075461.2|	475	489	10663	4.2	5.88	13.38	3.37	4.2	2.58	1.47	4.45
55	gi|148536846|ref|NP_075461.2|	476	490	10664	4.2	5.92	13.38	3.48	4.2	2.58	1.46	4.59
55	gi|148536846|ref|NP_075461.2|	477	491	10665	3.83	5.9	7.93	3.83	4.2	2.65	1.64	3.27
55	gi|148536846|ref|NP_075461.2|	478	492	10666	4.2	6.07	11.19	3.98	4.2	4.65	1.71	3.86
55	gi|148536846|ref|NP_075461.2|	479	493	10667	4.78	14.97	11.03	3.69	4.2	7.29	3.5	4.78
55	gi|148536846|ref|NP_075461.2|	480	494	10668	4.77	15.26	10.59	3.08	4.2	14.59	4.54	4.77
55	gi|148536846|ref|NP_075461.2|	481	495	10669	9.26	33.92	13.38	5.52	7.12	29.17	9.26	5.29
55	gi|148536846|ref|NP_075461.2|	482	496	10670	13.49	61.4	11.74	8.57	7.12	47.59	25.49	13.49
55	gi|148536846|ref|NP_075461.2|	483	497	10671	10.88	15.89	0.51	9.83	7.12	51.17	18.25	10.88
55	gi|148536846|ref|NP_075461.2|	484	498	10672	13.16	24.23	0.38	10.25	13.16	44.37	45.38	7.46
55	gi|148536846|ref|NP_075461.2|	485	499	10673	13.26	21.57	0.35	10.25	13.26	39.19	43.25	7.46
55	gi|148536846|ref|NP_075461.2|	486	500	10674	14.27	21.57	0.35	10.25	14.27	39.68	48.43	7.46
55	gi|148536846|ref|NP_075461.2|	487	501	10675	14.24	14.24	0.34	3.53	18.43	37.9	53.64	7.03
55	gi|148536846|ref|NP_075461.2|	488	502	10676	14.24	14.24	0.56	3.04	24.08	39.5	15.14	5.42
55	gi|148536846|ref|NP_075461.2|	489	503	10677	13.81	14.24	7.23	5.56	30.93	48.37	13.81	5.42
55	gi|148536846|ref|NP_075461.2|	490	504	10678	5.42	2.1	4.61	2.5	57.65	38.5	12.03	5.42
55	gi|148536846|ref|NP_075461.2|	491	505	10679	6.64	4.88	6.64	2.56	35.22	29.97	11.43	5.42
55	gi|148536846|ref|NP_075461.2|	492	506	10680	8.36	5.41	8.36	2.79	30.69	26.99	11.22	6.1
55	gi|148536846|ref|NP_075461.2|	493	507	10681	9.67	8.47	9.67	2.68	27.33	26.71	12.24	5.84
55	gi|148536846|ref|NP_075461.2|	494	508	10682	14.26	10.38	14.26	2.83	26.61	28.7	15.68	6.21
55	gi|148536846|ref|NP_075461.2|	495	509	10683	19.11	16.71	19.11	8.08	31.2	36.4	33.07	13.49
55	gi|148536846|ref|NP_075461.2|	512	526	10684	5.24	3.98	30.69	3.49	1.31	50.19	51.73	5.24
55	gi|148536846|ref|NP_075461.2|	513	527	10685	6.47	6.47	30.69	3.21	2.35	54.28	42.88	4.63
55	gi|148536846|ref|NP_075461.2|	514	528	10686	6.74	6.74	30.69	3.33	4.08	63.45	42.88	4.55
55	gi|148536846|ref|NP_075461.2|	515	529	10687	15.77	15.77	30.69	2.95	4.46	67.9	42.88	4.34
55	gi|148536846|ref|NP_075461.2|	516	530	10688	15.77	15.77	30.69	3.8	4.46	67.24	42.88	4.34
55	gi|148536846|ref|NP_075461.2|	517	531	10689	16.89	16.89	30.69	6.76	4.46	70.03	42.88	8.76
55	gi|148536846|ref|NP_075461.2|	518	532	10690	14.15	27.42	30.69	2.81	4.46	71.49	14.15	4.11
55	gi|148536846|ref|NP_075461.2|	519	533	10691	19.19	19.19	53.95	3.33	27.19	76.1	14.23	5
55	gi|148536846|ref|NP_075461.2|	520	534	10692	19.17	19.17	43.8	4.42	32.16	76.72	13.98	4.13
55	gi|148536846|ref|NP_075461.2|	521	535	10693	10.18	6.8	10.18	2.37	42.55	69.07	13.98	3.15
55	gi|148536846|ref|NP_075461.2|	522	536	10694	11.43	6.44	11.43	2.37	18.51	64.42	13.98	3.08
55	gi|148536846|ref|NP_075461.2|	523	537	10695	13.98	5	15.94	2.37	18.51	43.2	13.98	3.81
55	gi|148536846|ref|NP_075461.2|	524	538	10696	13.98	3.67	19.54	2.37	17.46	32.2	13.98	2.94
55	gi|148536846|ref|NP_075461.2|	525	539	10697	13.77	5.24	25.19	2.37	13.77	26.57	17.22	3.34
55	gi|148536846|ref|NP_075461.2|	526	540	10698	13.77	5.24	32.16	4.79	13.77	28.02	14.18	4.81

Table 2

55	gi|148536846|ref|NP_075461.2|	527	541	10699	12.09	5.24	32.16	3.38	13.77	28.96	12.09	4.76
55	gi|148536846|ref|NP_075461.2|	528	542	10700	13.77	5.24	32.16	9.17	13.77	33.09	19.64	7.3
55	gi|148536846|ref|NP_075461.2|	529	543	10701	13.77	7.75	25.74	2.61	13.77	34.18	19.64	1.16
55	gi|148536846|ref|NP_075461.2|	530	544	10702	13.77	8.82	30.04	1.2	13.77	28.21	21	1.69
55	gi|148536846|ref|NP_075461.2|	531	545	10703	15.74	15.74	34.59	1.21	13.77	26.53	21	1.69
55	gi|148536846|ref|NP_075461.2|	532	546	10704	17.86	15.52	28.31	1.48	22.15	17.86	21	1.69
55	gi|148536846|ref|NP_075461.2|	533	547	10705	10.35	9.43	29.98	1.48	22.15	10.35	21	1.69
55	gi|148536846|ref|NP_075461.2|	534	548	10706	10.95	10.95	30.26	4.19	22.15	8.72	21	1.69
55	gi|148536846|ref|NP_075461.2|	535	549	10707	13.19	13.19	35.33	5.48	22.07	9.92	21	1.69
55	gi|148536846|ref|NP_075461.2|	536	550	10708	17.52	13.54	47.58	16.35	22.56	13.81	43.11	17.52
55	gi|148536846|ref|NP_075461.2|	541	555	10709	19.5	19.5	12.63	36.9	4.36	39.12	60.34	10.53
55	gi|148536846|ref|NP_075461.2|	542	556	10710	19.5	19.5	12.71	38.02	4.28	37.75	60.34	10.53
55	gi|148536846|ref|NP_075461.2|	544	558	10711	19.64	19.64	13.27	49.47	5.84	39.78	63	10.61
55	gi|148536846|ref|NP_075461.2|	565	579	10712	11.71	11.71	7.67	8.28	45.27	30.08	50.62	1.71
55	gi|148536846|ref|NP_075461.2|	566	580	10713	12.67	12.67	8.6	8.88	44.36	24.17	47.6	1.71
55	gi|148536846|ref|NP_075461.2|	571	585	10714	17.62	5.66	14.41	18.51	17.62	41.52	53	5.12
55	gi|148536846|ref|NP_075461.2|	572	586	10715	18.65	13.66	17.78	29.49	18.65	22.5	41.55	2.63
55	gi|148536846|ref|NP_075461.2|	573	587	10716	3.65	9.31	0.25	3.39	18.58	3.65	4.94	1.54
55	gi|148536846|ref|NP_075461.2|	574	588	10717	2.81	5.27	0.24	3.39	18.96	1.32	2.81	1.54
55	gi|148536846|ref|NP_075461.2|	575	589	10718	0.88	0.23	0.4	0.88	28.69	0.37	1.76	1.54
55	gi|148536846|ref|NP_075461.2|	576	590	10719	0.51	0.09	0.38	0.51	36.26	0.09	0.58	1.54
55	gi|148536846|ref|NP_075461.2|	577	591	10720	0.45	0.05	0.59	0.45	38.14	0.08	0.34	1.54
55	gi|148536846|ref|NP_075461.2|	578	592	10721	0.31	0.05	1.02	0.31	41.82	0.08	0.24	1.62
55	gi|148536846|ref|NP_075461.2|	579	593	10722	0.36	0.22	1.2	0.36	18.32	0.12	0.19	2.24
55	gi|148536846|ref|NP_075461.2|	580	594	10723	0.76	0.36	4.5	0.76	18.32	0.39	0.2	2.24
55	gi|148536846|ref|NP_075461.2|	581	595	10724	0.91	0.36	6.47	0.56	18.32	0.91	0.26	1.87
55	gi|148536846|ref|NP_075461.2|	582	596	10725	2.19	4.27	3.43	0.57	18.32	2.19	0.49	1.87
55	gi|148536846|ref|NP_075461.2|	583	597	10726	2.74	4.45	5.81	0.62	18.32	2.74	1.88	1.87
55	gi|148536846|ref|NP_075461.2|	584	598	10727	4.09	5.11	5.17	0.78	18.32	4.09	2.53	1.87
55	gi|148536846|ref|NP_075461.2|	585	599	10728	4.07	5.11	4.07	1.1	18.32	5.09	3.38	1.87
55	gi|148536846|ref|NP_075461.2|	586	600	10729	5.84	5.84	5.17	1.6	25.58	6.01	10.17	1.87
55	gi|148536846|ref|NP_075461.2|	587	601	10730	5.17	1.76	5.17	1.6	26.42	5.84	10.17	1.87
55	gi|148536846|ref|NP_075461.2|	588	602	10731	5.17	1.75	5.17	2.04	26.41	6.99	10.17	2.92
55	gi|148536846|ref|NP_075461.2|	589	603	10732	6.73	6.66	5.17	7.67	35.32	6.73	23.78	4.01
55	gi|148536846|ref|NP_075461.2|	590	604	10733	5.88	6.66	5.17	5.88	14.47	2.27	19.85	4.01
55	gi|148536846|ref|NP_075461.2|	591	605	10734	4.01	8.08	1.59	3.29	12.73	0.94	10.17	4.01
55	gi|148536846|ref|NP_075461.2|	592	606	10735	6.21	8.36	2.84	3.25	12.46	0.63	36.32	6.21
55	gi|148536846|ref|NP_075461.2|	593	607	10736	4.88	7.06	3.29	4.68	11.71	0.52	36.39	4.88
55	gi|148536846|ref|NP_075461.2|	594	608	10737	2.55	1	2.55	2.03	16.29	0.62	11.32	3.73
55	gi|148536846|ref|NP_075461.2|	595	609	10738	2.55	1.89	2.55	2.32	21.87	1	6.05	3.73
55	gi|148536846|ref|NP_075461.2|	596	610	10739	4.37	1.94	2.55	6.62	29.14	4.09	4.78	4.37
55	gi|148536846|ref|NP_075461.2|	597	611	10740	4.13	1.13	2.55	5.27	30.82	13.24	4.1	4.13
55	gi|148536846|ref|NP_075461.2|	598	612	10741	4.29	1.05	2.55	5.07	31.27	6.3	4.29	1.54
55	gi|148536846|ref|NP_075461.2|	599	613	10742	3.31	1.06	3.31	3.26	30.93	3.56	3.73	1.41
55	gi|148536846|ref|NP_075461.2|	600	614	10743	3.04	1	3.84	3.04	28.7	2.42	3.55	0.75
55	gi|148536846|ref|NP_075461.2|	601	615	10744	2.84	0.46	12.3	2.84	36.26	1.43	7.13	0.42
55	gi|148536846|ref|NP_075461.2|	602	616	10745	1.68	0.46	11.84	1.59	40.12	1.68	7.78	0.75
55	gi|148536846|ref|NP_075461.2|	603	617	10746	1.7	0.46	10.78	1.59	37.86	1.7	5.6	1.13

Table 2

55	gi|148536846|ref|NP_075461.2|	604	618	10747	2.6	0.76	9.74	1.59	42	2.6	5.18	1.52
55	gi|148536846|ref|NP_075461.2|	605	619	10748	1.69	0.76	1.59	1.26	35.24	3.28	4.85	1.69
55	gi|148536846|ref|NP_075461.2|	606	620	10749	1.93	1.02	1.93	1.26	32.13	3.85	7.8	1.69
55	gi|148536846|ref|NP_075461.2|	607	621	10750	2.44	0.97	2.44	1.26	29.48	5.79	9.23	1.69
55	gi|148536846|ref|NP_075461.2|	608	622	10751	4.63	3.31	4.63	1.26	28.24	12.54	6.32	1.69
55	gi|148536846|ref|NP_075461.2|	609	623	10752	6.32	3.31	6.38	1.52	30.91	21.99	6.32	1.87
55	gi|148536846|ref|NP_075461.2|	610	624	10753	6.32	3.31	9.04	2.44	30.01	34.21	6.32	1.87
55	gi|148536846|ref|NP_075461.2|	611	625	10754	6.32	3.31	12.2	1.67	30.01	71.55	6.32	1.87
55	gi|148536846|ref|NP_075461.2|	612	626	10755	5.05	3.31	18.53	1.39	15.72	83.99	4.28	5.05
55	gi|148536846|ref|NP_075461.2|	613	627	10756	5.64	4.15	13.69	0.69	15.72	85.52	4.28	5.64
55	gi|148536846|ref|NP_075461.2|	614	628	10757	6.2	4.95	13.69	0.69	15.72	86.43	4.28	6.2
55	gi|148536846|ref|NP_075461.2|	615	629	10758	9.29	9.29	13.69	0.7	15.72	86.23	4.28	6.76
55	gi|148536846|ref|NP_075461.2|	616	630	10759	4.28	8.09	0.37	0.52	11.64	81.73	4.28	1.05
55	gi|148536846|ref|NP_075461.2|	617	631	10760	4.28	7.37	0.33	0.59	11.64	78.15	4.28	0.98
55	gi|148536846|ref|NP_075461.2|	618	632	10761	4.28	4.35	0.26	1.01	11.64	73.98	4.28	0.3
55	gi|148536846|ref|NP_075461.2|	619	633	10762	4.27	4.27	0.23	1.01	11.64	68.37	14.77	0.3
55	gi|148536846|ref|NP_075461.2|	620	634	10763	4.43	4.43	0.24	1.29	11.64	63.12	14.77	0.3
55	gi|148536846|ref|NP_075461.2|	621	635	10764	4.27	4.27	0.46	2.28	11.64	56.14	14.77	0.3
55	gi|148536846|ref|NP_075461.2|	622	636	10765	4.4	4.4	0.49	1.93	11.64	50.42	5.92	0.3
55	gi|148536846|ref|NP_075461.2|	623	637	10766	3.98	9.08	1.54	3.56	15.43	54.69	3.98	0.86
55	gi|148536846|ref|NP_075461.2|	624	638	10767	9.87	9.87	24.69	3.89	17.05	61.71	3.56	0.86
55	gi|148536846|ref|NP_075461.2|	625	639	10768	18.11	19.81	24.69	4.41	18.11	65.42	3.06	5.12
55	gi|148536846|ref|NP_075461.2|	648	662	10769	19.99	29.6	19.93	19.99	8.54	32.38	60.34	16.57
55	gi|148536846|ref|NP_075461.2|	651	665	10770	16.57	29.6	6.09	23.62	0.23	64.81	6.92	16.57
55	gi|148536846|ref|NP_075461.2|	652	666	10771	10.4	15.15	9.9	13.67	0.25	77.45	1.81	10.4
55	gi|148536846|ref|NP_075461.2|	653	667	10772	12.41	14.41	11.82	12.41	1.64	78.91	1.37	13.5
55	gi|148536846|ref|NP_075461.2|	654	668	10773	12.6	14.41	12.05	12.6	1.68	85.22	1.36	13.57
55	gi|148536846|ref|NP_075461.2|	655	669	10774	13.42	8.98	13.42	14.04	11.51	83.21	1.38	14.96
55	gi|148536846|ref|NP_075461.2|	656	670	10775	8.44	8.98	8.44	8.99	3.61	71.02	1.29	6.18
55	gi|148536846|ref|NP_075461.2|	657	671	10776	18.39	18.39	26.94	14.4	39.73	64.84	5.83	6.18
55	gi|148536846|ref|NP_075461.2|	683	697	10777	16.64	14.5	14.34	5.91	16.64	86.71	19.61	19.37
55	gi|148536846|ref|NP_075461.2|	684	698	10778	15.34	9.34	14.34	4.46	16.64	87.69	19.61	15.34
55	gi|148536846|ref|NP_075461.2|	685	699	10779	14.34	8.79	14.34	4.59	16.64	87.81	19.61	13.73
55	gi|148536846|ref|NP_075461.2|	686	700	10780	14.34	8.27	14.34	4.72	16.64	88.45	19.61	11.4
55	gi|148536846|ref|NP_075461.2|	687	701	10781	14.34	11.38	14.34	3.58	16.64	84.38	19.61	6.15
55	gi|148536846|ref|NP_075461.2|	688	702	10782	11.93	11.68	14.34	3.67	33.91	81.24	11.93	3.43
55	gi|148536846|ref|NP_075461.2|	689	703	10783	11.93	2.27	14.34	4.91	33.91	72	11.93	3.39
55	gi|148536846|ref|NP_075461.2|	690	704	10784	11.93	2.24	35.29	4.06	33.91	63.86	11.93	3.22
55	gi|148536846|ref|NP_075461.2|	691	705	10785	11.93	2.22	21.54	0.34	36.92	56.33	11.93	2.53
55	gi|148536846|ref|NP_075461.2|	692	706	10786	11.93	2.22	21.23	0.3	35.44	53.2	11.93	3.02
55	gi|148536846|ref|NP_075461.2|	693	707	10787	11.93	3.67	22.95	0.3	41.96	41.09	11.93	4.38
55	gi|148536846|ref|NP_075461.2|	694	708	10788	11.93	8.98	22.95	0.28	41.96	32	11.93	4.56
55	gi|148536846|ref|NP_075461.2|	697	711	10789	7.82	8.34	7.82	2.36	6.73	27.94	19.94	6.89
55	gi|148536846|ref|NP_075461.2|	698	712	10790	8.62	8.62	10.68	8.46	2.3	31.07	19.94	7.61
55	gi|148536846|ref|NP_075461.2|	699	713	10791	9.06	8.6	12.89	9.06	2.58	39.92	19.94	7.5
55	gi|148536846|ref|NP_075461.2|	700	714	10792	7.82	8.34	7.82	0.24	2.39	51.34	19.94	4.69
55	gi|148536846|ref|NP_075461.2|	701	715	10793	7.82	8.34	7.82	0.26	2.34	59.55	19.94	4.69
55	gi|148536846|ref|NP_075461.2|	702	716	10794	7.82	8.34	7.82	0.27	3.08	64.8	19.94	4.69

Table 2

55	gi|148536846|ref|NP_075461.2|	703	717	10795	5.05	8.34	5.05	0.24	1.42	31.29	19.94	4.69
55	gi|148536846|ref|NP_075461.2|	704	718	10796	8.34	8.34	5.87	0.23	1.42	17.3	23.93	9.43
55	gi|148536846|ref|NP_075461.2|	705	719	10797	9.43	8.34	7.62	1.35	37.25	13.26	16.81	9.43
55	gi|148536846|ref|NP_075461.2|	706	720	10798	9.43	2.71	9.84	1.43	35.63	9.33	15.13	9.43
55	gi|148536846|ref|NP_075461.2|	707	721	10799	15.41	2.85	14.97	22.1	36.39	8.94	15.64	15.41
55	gi|148536846|ref|NP_075461.2|	708	722	10800	19.15	2.87	21.28	30.5	31.2	11.48	17.59	19.15
55	gi|148536846|ref|NP_075461.2|	736	750	10801	19.99	27.87	36.52	19.99	71.83	18.77	3.3	1.31
55	gi|148536846|ref|NP_075461.2|	737	751	10802	17.9	17.9	40.39	19.99	71	17.83	2.74	1.78
55	gi|148536846|ref|NP_075461.2|	738	752	10803	17.9	17.9	38.1	19.99	68.12	14.55	2.6	2.37
55	gi|148536846|ref|NP_075461.2|	739	753	10804	17.9	17.9	43.62	19.99	75.22	17.19	11.93	4.14
55	gi|148536846|ref|NP_075461.2|	740	754	10805	19.99	17.9	50.48	19.99	75.22	27.65	11.93	10.58
55	gi|148536846|ref|NP_075461.2|	782	796	10806	18.12	32.11	58.36	17.15	70.91	17.65	8.55	18.12
55	gi|148536846|ref|NP_075461.2|	783	797	10807	16.81	6.88	40.87	16.81	70.91	14.57	16.45	17.63
55	gi|148536846|ref|NP_075461.2|	784	798	10808	12.64	1.28	13.45	12.64	47.56	10.43	27.42	12.35
55	gi|148536846|ref|NP_075461.2|	785	799	10809	12.06	0.76	16.02	12.06	42.97	10.75	29.92	8.92
55	gi|148536846|ref|NP_075461.2|	801	815	10810	16.55	8.84	2.14	19.36	19.06	16.55	38.22	1.87
55	gi|148536846|ref|NP_075461.2|	802	816	10811	18.19	22.71	1.85	20.72	18.19	5.64	37.87	1.87
55	gi|148536846|ref|NP_075461.2|	803	817	10812	18.78	22.25	1.83	20.72	18.78	5.55	32.42	1.87
55	gi|148536846|ref|NP_075461.2|	804	818	10813	17.72	23.36	2.2	20.72	17.72	6.73	32.42	1.87
55	gi|148536846|ref|NP_075461.2|	805	819	10814	5.94	5.94	2.49	11.04	27.69	5	32.42	1.87
55	gi|148536846|ref|NP_075461.2|	806	820	10815	6.66	5.91	2.89	22.36	47.67	6.66	32.42	1.94
55	gi|148536846|ref|NP_075461.2|	807	821	10816	16.24	5.95	4.98	23.14	59.27	16.24	32.42	1.98
55	gi|148536846|ref|NP_075461.2|	815	829	10817	18.2	0.18	28.84	18.2	6.96	27.04	30.58	17.43
55	gi|148536846|ref|NP_075461.2|	816	830	10818	19.4	5.26	34.72	19.4	11.77	25.82	34.95	18.27
55	gi|148536846|ref|NP_075461.2|	817	831	10819	19.7	3.79	41.96	19.7	12.04	27.68	35.43	18.82
55	gi|148536846|ref|NP_075461.2|	856	870	10820	18.08	14.48	27.37	12.27	35.48	23.71	18.08	3.19
55	gi|148536846|ref|NP_075461.2|	857	871	10821	16.97	14.11	27.37	12.27	35.48	16.97	17.52	3.19
55	gi|148536846|ref|NP_075461.2|	858	872	10822	14.63	14.12	27.37	12.27	35.48	14.63	22.48	3.19
55	gi|148536846|ref|NP_075461.2|	859	873	10823	16.74	14.11	27.37	12.27	35.48	16.74	22.98	3.19
55	gi|148536846|ref|NP_075461.2|	1063	1077	10824	12.12	12.12	42.98	7.41	8	49.32	20.32	11.11
55	gi|148536846|ref|NP_075461.2|	1064	1078	10825	16.68	16.68	42.98	7.41	8	30.84	20.32	11.11
55	gi|148536846|ref|NP_075461.2|	1066	1080	10826	11.11	8.24	42.98	7.41	8	21.11	20.32	11.11
55	gi|148536846|ref|NP_075461.2|	1067	1081	10827	11.11	8.24	42.98	7.41	8	21.83	20.32	11.11
55	gi|148536846|ref|NP_075461.2|	1068	1082	10828	13.05	13.05	42.98	11.96	8	23.36	20.32	11.11
55	gi|148536846|ref|NP_075461.2|	1069	1083	10829	13	13	42.98	12.27	8	29.08	20.32	11.11
55	gi|148536846|ref|NP_075461.2|	1107	1121	10830	11.71	11.71	48.09	6.82	17.21	31.73	4.03	9.56
55	gi|148536846|ref|NP_075461.2|	1108	1122	10831	17.21	21.33	49.93	6.89	17.21	31.29	4.06	10.17
55	gi|148536846|ref|NP_075461.2|	1218	1232	10832	15.32	39.11	15.32	8.71	4.32	68.64	48.94	10.7
55	gi|148536846|ref|NP_075461.2|	1219	1233	10833	15.32	39.6	15.32	9.26	4.32	63.1	40.95	11.45
55	gi|148536846|ref|NP_075461.2|	1220	1234	10834	15.32	39.75	15.32	11.68	6.77	62.6	26.97	9.97
55	gi|148536846|ref|NP_075461.2|	1221	1235	10835	15.32	39.79	15.32	11.5	8.03	51.52	25.93	9.97
55	gi|148536846|ref|NP_075461.2|	1222	1236	10836	2.44	3.9	0.21	7.94	2.19	1.71	21.12	2.44
55	gi|148536846|ref|NP_075461.2|	1223	1237	10837	2.28	1.52	0.24	5.43	2.28	0.17	3.9	2.44
55	gi|148536846|ref|NP_075461.2|	1224	1238	10838	1.52	0.64	0.31	4.94	2.49	0.06	3.9	1.52
55	gi|148536846|ref|NP_075461.2|	1225	1239	10839	0.84	0.24	0.31	5.93	2.5	0.03	3.9	0.84
55	gi|148536846|ref|NP_075461.2|	1226	1240	10840	0.91	0.31	0.45	6.11	4.85	0.04	4.32	0.91
55	gi|148536846|ref|NP_075461.2|	1227	1241	10841	1.21	0.59	0.68	7.94	9.08	0.06	9.6	1.21
55	gi|148536846|ref|NP_075461.2|	1228	1242	10842	2.1	1.36	1.06	7.94	15.94	0.5	10.09	2.1

Table 2

55	gi|148536846|ref|NP_075461.2|	1229	1243	10843	17.42	7.51	17.42	19.17	20.33	7.72	30.22	3.19
55	gi|148536846|ref|NP_075461.2|	1230	1244	10844	7.19	3.66	7.19	3.02	41.65	23.73	9.18	2.32
55	gi|148536846|ref|NP_075461.2|	1231	1245	10845	12.35	43.67	7.19	3.07	39.74	31.98	8.86	12.35
55	gi|148536846|ref|NP_075461.2|	1232	1246	10846	11.64	44.59	7.19	2.52	41.02	26.71	8.46	11.64
55	gi|148536846|ref|NP_075461.2|	1233	1247	10847	8.46	9.56	7.19	2.01	40.8	12.77	8.46	5.12
55	gi|148536846|ref|NP_075461.2|	1234	1248	10848	4.52	8.63	4.89	1.25	39.47	4.52	3.34	2.21
55	gi|148536846|ref|NP_075461.2|	1235	1249	10849	4.45	8.67	4.88	1.6	33.35	2.97	4.45	2.16
55	gi|148536846|ref|NP_075461.2|	1236	1250	10850	3.66	3.66	5.27	1.84	24.86	3.42	4.43	1.74
55	gi|148536846|ref|NP_075461.2|	1237	1251	10851	5.37	6.25	8.59	2.24	23.72	2.88	5.37	2.15
55	gi|148536846|ref|NP_075461.2|	1238	1252	10852	6.42	7.17	9.03	2.76	23.34	4.5	6.42	2.64
55	gi|148536846|ref|NP_075461.2|	1239	1253	10853	8.15	7.17	18.64	2	26.21	8.15	9.71	4.95
55	gi|148536846|ref|NP_075461.2|	1240	1254	10854	7.17	7.17	5.19	2.38	19.71	17.93	8.71	5.78
55	gi|148536846|ref|NP_075461.2|	1241	1255	10855	12	7.17	10.35	2.2	19.86	28.32	12	15.55
55	gi|148536846|ref|NP_075461.2|	1242	1256	10856	7.17	7.17	3.71	2.09	6.69	34.85	10.02	14.25
55	gi|148536846|ref|NP_075461.2|	1243	1257	10857	7.45	17.87	3.39	2.98	6.69	43.01	7.45	17.44
55	gi|148536846|ref|NP_075461.2|	1244	1258	10858	9.58	18.09	3.39	3.81	6.69	44.14	9.58	17.68
55	gi|148536846|ref|NP_075461.2|	1245	1259	10859	15.48	15.99	3.39	5.1	6.69	48.02	15.48	18.71
55	gi|148536846|ref|NP_075461.2|	1246	1260	10860	12.82	12.82	3.39	14.35	0.41	59.62	3.22	17.09
55	gi|148536846|ref|NP_075461.2|	1247	1261	10861	5.99	2.84	27.74	7.98	0.59	63.77	3.22	5.99
55	gi|148536846|ref|NP_075461.2|	1248	1262	10862	3.22	2.69	2.37	4.69	2.36	61.58	3.22	5.37
55	gi|148536846|ref|NP_075461.2|	1249	1263	10863	3.22	2.27	2.37	3.45	2.19	55.49	3.22	4.59
55	gi|148536846|ref|NP_075461.2|	1250	1264	10864	2.04	1.53	2.37	0.57	1.77	38.74	3.22	2.04
55	gi|148536846|ref|NP_075461.2|	1251	1265	10865	2.01	0.96	2.37	0.57	1.44	20.66	3.22	2.01
55	gi|148536846|ref|NP_075461.2|	1252	1266	10866	2.37	1.23	2.37	0.57	1.46	14.63	3.22	2.58
55	gi|148536846|ref|NP_075461.2|	1253	1267	10867	2.68	1.22	2.37	0.64	30.66	15.14	6.31	2.68
55	gi|148536846|ref|NP_075461.2|	1254	1268	10868	3.16	1.55	2.37	0.78	30.66	18.78	6.83	3.16
55	gi|148536846|ref|NP_075461.2|	1255	1269	10869	12.46	1.62	12.46	3.49	30.66	26.55	17.02	8.37
55	gi|148536846|ref|NP_075461.2|	1256	1270	10870	12.46	3.56	12.46	4.23	28.32	37.68	17.02	9.31
55	gi|148536846|ref|NP_075461.2|	1277	1291	10871	18.08	18.08	3.25	0.95	19.45	41.08	40.28	5.42
55	gi|148536846|ref|NP_075461.2|	1278	1292	10872	18.08	18.08	4.1	1.46	19.54	35.09	45.67	5.42
55	gi|148536846|ref|NP_075461.2|	1279	1293	10873	10.66	13.16	3.88	8.95	10.66	32.65	54.69	1.58
55	gi|148536846|ref|NP_075461.2|	1280	1294	10874	15.43	18.5	5.54	15.43	11.19	37.49	58.6	1.58
55	gi|148536846|ref|NP_075461.2|	1281	1295	10875	18.74	18.74	3.03	19.7	12.24	42.32	68.68	1.49
55	gi|148536846|ref|NP_075461.2|	1285	1299	10876	18.15	2.47	9.19	23.66	18.15	34.3	26.86	2.3
55	gi|148536846|ref|NP_075461.2|	1286	1300	10877	11.52	8.98	11.52	29.01	0.18	30.6	25.5	3.76
55	gi|148536846|ref|NP_075461.2|	1287	1301	10878	14.88	5.24	15.71	29.3	0.17	34.6	14.88	3.48
55	gi|148536846|ref|NP_075461.2|	1288	1302	10879	12.86	5.24	22.71	18.51	0.16	33.15	8.44	12.86
55	gi|148536846|ref|NP_075461.2|	1289	1303	10880	15.16	2.66	29.15	21.21	0.16	37.03	15.16	12.86
55	gi|148536846|ref|NP_075461.2|	1290	1304	10881	9.61	2.66	23.87	15.62	1.39	38.2	9.61	5.05
55	gi|148536846|ref|NP_075461.2|	1291	1305	10882	4.52	2.03	21.84	6.64	0.92	30.04	4.52	4.13
55	gi|148536846|ref|NP_075461.2|	1292	1306	10883	3.89	1.42	25.69	3.89	0.14	20.67	3.31	5.88
55	gi|148536846|ref|NP_075461.2|	1293	1307	10884	5.86	1.42	31.52	3.93	15.67	18.81	2.86	5.86
55	gi|148536846|ref|NP_075461.2|	1294	1308	10885	5.97	1.42	39.31	3.93	15.83	17.2	3.45	5.97
55	gi|148536846|ref|NP_075461.2|	1295	1309	10886	11.18	1.42	39.31	4.37	15.83	18.13	4.68	11.18
55	gi|148536846|ref|NP_075461.2|	1296	1310	10887	14.18	1.42	39.31	7.05	15.83	24.17	1.16	14.18
55	gi|148536846|ref|NP_075461.2|	1297	1311	10888	15.83	3.81	39.31	10.92	15.83	38.6	2.05	24.6
55	gi|148536846|ref|NP_075461.2|	1298	1312	10889	5.42	2.16	8.27	1.77	15.83	44.16	1.72	5.42
55	gi|148536846|ref|NP_075461.2|	1299	1313	10890	2.37	2.37	8.27	1.4	17.21	17.14	2.01	1.4

Table 2

55	gi|148536846|ref|NP_075461.2|	1300	1314	10891	2.36	2.36	8.27	1.21	14.4	11.78	1.72	1.4
55	gi|148536846|ref|NP_075461.2|	1301	1315	10892	2.7	2.24	8.27	0.9	12.48	6.84	2.7	1.37
55	gi|148536846|ref|NP_075461.2|	1302	1316	10893	2.66	2.24	8.27	0.9	13.34	5.46	2.66	1.21
55	gi|148536846|ref|NP_075461.2|	1303	1317	10894	7.81	5.33	10.51	0.9	17.14	7.81	35.36	1.4
55	gi|148536846|ref|NP_075461.2|	1304	1318	10895	10.72	8.75	10.72	1.28	22.35	12.18	35.36	1.4
55	gi|148536846|ref|NP_075461.2|	1305	1319	10896	11.15	8.94	49.55	16.81	3.92	11.15	41.82	1.47
55	gi|148536846|ref|NP_075461.2|	1306	1320	10897	14.67	11.46	49.93	20.31	3.3	14.19	38.53	14.67
55	gi|148536846|ref|NP_075461.2|	1307	1321	10898	14.67	11.46	49.93	18.77	3.2	9.78	30.16	14.67
55	gi|148536846|ref|NP_075461.2|	1308	1322	10899	14.67	9.02	49.93	14.94	3.01	8.04	29.06	14.67
55	gi|148536846|ref|NP_075461.2|	1309	1323	10900	11.46	11.46	36.72	8.1	4.24	9.53	22.87	13.97
55	gi|148536846|ref|NP_075461.2|	1310	1324	10901	11.46	11.46	38.18	7.16	6.28	12.95	31.16	11.24
55	gi|148536846|ref|NP_075461.2|	1311	1325	10902	16.82	11.46	43.78	7.71	8.48	24.49	40.41	16.82
55	gi|148536846|ref|NP_075461.2|	1314	1328	10903	19.2	11.41	10.24	12.02	19.2	63.39	22.63	31.31
55	gi|148536846|ref|NP_075461.2|	1315	1329	10904	9.84	11.41	7.36	2.61	9.84	46.4	21.58	3.44
55	gi|148536846|ref|NP_075461.2|	1316	1330	10905	9.21	1.59	9.21	1.14	10.16	34.51	22.82	3.44
55	gi|148536846|ref|NP_075461.2|	1317	1331	10906	9.13	0.78	9.21	1.06	9.13	29.03	24.1	3.44
55	gi|148536846|ref|NP_075461.2|	1318	1332	10907	8.93	0.78	9.21	1.02	8.93	26.99	21.83	3.44
55	gi|148536846|ref|NP_075461.2|	1319	1333	10908	9.21	0.78	9.21	1.12	11.22	29.15	20.86	3.44
55	gi|148536846|ref|NP_075461.2|	1320	1334	10909	9.21	0.78	9.21	4.21	14.55	36.63	29.39	3.44
55	gi|148536846|ref|NP_075461.2|	1321	1335	10910	9.21	1.36	9.21	5.05	21.01	52.05	29.39	3.44
55	gi|148536846|ref|NP_075461.2|	1328	1342	10911	16.81	12.37	6.99	34.2	59.84	16.81	80.57	12.23
55	gi|148536846|ref|NP_075461.2|	1336	1350	10912	6.47	8.34	0.13	1	51.29	3.02	13.28	6.47
55	gi|148536846|ref|NP_075461.2|	1337	1351	10913	4.26	8.34	0.07	1	48.84	0.52	6.89	4.26
55	gi|148536846|ref|NP_075461.2|	1338	1352	10914	2.41	2.41	0.11	0.91	55.02	0.11	3.65	2.42
55	gi|148536846|ref|NP_075461.2|	1339	1353	10915	0.86	1.4	0.11	0.67	53.7	0.06	0.86	2.07
55	gi|148536846|ref|NP_075461.2|	1340	1354	10916	0.88	0.88	0.15	0.88	53.7	0.06	0.46	3.05
55	gi|148536846|ref|NP_075461.2|	1341	1355	10917	0.74	0.74	0.31	1	53.7	0.07	0.18	4
55	gi|148536846|ref|NP_075461.2|	1342	1356	10918	1	1.14	0.48	1	53.7	0.09	0.15	5.16
55	gi|148536846|ref|NP_075461.2|	1343	1357	10919	3.16	1.14	3.88	3.16	53.7	0.24	0.14	8.92
55	gi|148536846|ref|NP_075461.2|	1344	1358	10920	2.66	1.14	5.63	5.13	53.7	0.5	0.36	2.66
55	gi|148536846|ref|NP_075461.2|	1345	1359	10921	1.57	1.49	3.81	1.57	53.7	0.6	0.19	1.87
55	gi|148536846|ref|NP_075461.2|	1346	1360	10922	1.48	1.42	7.86	1.48	60.94	0.44	0.21	1.87
55	gi|148536846|ref|NP_075461.2|	1347	1361	10923	1.4	1.39	8.86	1.4	60.94	0.43	0.23	1.87
55	gi|148536846|ref|NP_075461.2|	1348	1362	10924	1.18	1.38	9.58	1.18	60.94	0.24	0.23	0.17
55	gi|148536846|ref|NP_075461.2|	1349	1363	10925	1.48	2.27	12.39	1.48	60.94	0.17	0.8	0.17
55	gi|148536846|ref|NP_075461.2|	1350	1364	10926	3.11	3.71	17.41	3.11	70.04	0.44	1.64	0.23
55	gi|148536846|ref|NP_075461.2|	1351	1365	10927	2.87	3.86	17.78	2.87	69.42	0.8	1.91	0.17
55	gi|148536846|ref|NP_075461.2|	1352	1366	10928	5.2	6.15	17.78	4	67.7	1.48	5.2	0.17
55	gi|148536846|ref|NP_075461.2|	1353	1367	10929	6.48	6.48	17.78	7.35	73.77	3.34	5.52	0.17
55	gi|148536846|ref|NP_075461.2|	1354	1368	10930	4.35	5.19	17.78	3.56	75.22	4.28	4.35	0.17
55	gi|148536846|ref|NP_075461.2|	1355	1369	10931	3.91	5.5	17.78	3.91	70.16	2.42	3.77	1.16
55	gi|148536846|ref|NP_075461.2|	1356	1370	10932	4.81	6.74	37.73	4.81	70.16	1.57	3.36	1.16
55	gi|148536846|ref|NP_075461.2|	1357	1371	10933	4.88	6.9	37.73	4.88	32.32	2.05	3.73	1.16
55	gi|148536846|ref|NP_075461.2|	1358	1372	10934	9.03	8.34	37.73	5.76	32.32	3.51	10.46	9.03
55	gi|148536846|ref|NP_075461.2|	1359	1373	10935	14.9	18.2	56.82	14.9	32.32	7.29	8.77	11.11
55	gi|148536846|ref|NP_075461.2|	1360	1374	10936	18.19	18.19	19.35	15.21	32.32	20.54	8.77	11.11
55	gi|148536846|ref|NP_075461.2|	1366	1380	10937	17.61	16.43	17.39	39.52	30.32	17.61	45.77	4.42
55	gi|148536846|ref|NP_075461.2|	1368	1382	10938	14.57	0.11	20.9	12.59	21.25	14.57	47.81	3.74

Table 2

55	gi|148536846|ref|NP_075461.2|	1369	1383	10939	13.82	0.11	20.87	12.08	18.54	13.82	39.4	4.62
55	gi|148536846|ref|NP_075461.2|	1370	1384	10940	14.64	0.11	20.73	11.19	19.65	14.64	20.24	4.97
55	gi|148536846|ref|NP_075461.2|	1371	1385	10941	4.12	0.11	2.72	4.12	23.74	12.45	12.87	2.43
55	gi|148536846|ref|NP_075461.2|	1372	1386	10942	4.09	0.21	2.93	4.09	26.89	10.23	12.87	2.42
55	gi|148536846|ref|NP_075461.2|	1373	1387	10943	4.64	0.21	3.86	4.64	25.18	11.75	12.87	3.04
55	gi|148536846|ref|NP_075461.2|	1374	1388	10944	9.98	9.98	4.89	4.06	26.89	16.43	12.87	2.93
55	gi|148536846|ref|NP_075461.2|	1375	1389	10945	9.07	9.07	5.27	1.12	26.89	20.47	12.87	0.69
55	gi|148536846|ref|NP_075461.2|	1376	1390	10946	9.7	9.7	7.02	1.25	26.89	28.52	12.87	0.81
55	gi|148536846|ref|NP_075461.2|	1377	1391	10947	8.34	6.17	8.34	0.56	26.89	54.83	16.55	0.74
55	gi|148536846|ref|NP_075461.2|	1378	1392	10948	10.21	5.79	27.37	0.27	29.01	66.05	10.21	0.76
55	gi|148536846|ref|NP_075461.2|	1379	1393	10949	4.11	3.18	27.37	0.24	4.11	74.01	4.37	0.78
55	gi|148536846|ref|NP_075461.2|	1380	1394	10950	3.92	3.23	22.95	0.37	4.11	77.86	3.92	1.92
55	gi|148536846|ref|NP_075461.2|	1381	1395	10951	3.92	3.26	22.95	0.38	4.11	80.79	3.92	1.98
55	gi|148536846|ref|NP_075461.2|	1382	1396	10952	4.13	4.13	22.95	0.7	0.12	80.58	1.81	4.44
55	gi|148536846|ref|NP_075461.2|	1383	1397	10953	4.58	4.68	18.16	1.14	0.51	80.02	1.61	4.58
55	gi|148536846|ref|NP_075461.2|	1384	1398	10954	4.3	13.64	18.16	0.76	0.48	75.9	4.3	1.05
55	gi|148536846|ref|NP_075461.2|	1385	1399	10955	4.65	15.29	4.86	0.97	0.95	72.38	4.65	1.05
55	gi|148536846|ref|NP_075461.2|	1386	1400	10956	4.78	4.78	4.86	1.14	0.88	64.51	6.75	1.69
55	gi|148536846|ref|NP_075461.2|	1387	1401	10957	2.03	3.85	2.03	1.23	0.96	53.26	4.38	1.87
55	gi|148536846|ref|NP_075461.2|	1388	1402	10958	1.87	3.36	2.03	1.31	0.04	39.16	0.98	1.87
55	gi|148536846|ref|NP_075461.2|	1389	1403	10959	3.98	3.14	2.03	3.98	4.47	32.58	12.08	1.87
55	gi|148536846|ref|NP_075461.2|	1390	1404	10960	4.47	3.4	2.03	5.31	4.47	34.44	10.78	1.54
55	gi|148536846|ref|NP_075461.2|	1391	1405	10961	5.7	5.7	2.03	11.8	4.47	34.46	9.71	1.54
55	gi|148536846|ref|NP_075461.2|	1392	1406	10962	7.48	6.55	2.03	8.89	23.7	38.98	7.48	1.54
55	gi|148536846|ref|NP_075461.2|	1393	1407	10963	6.44	7.95	2.03	0.89	24.08	38.21	6.44	1.54
55	gi|148536846|ref|NP_075461.2|	1394	1408	10964	10.16	13.03	6.99	0.89	26.08	40.05	10.16	1.54
55	gi|148536846|ref|NP_075461.2|	1395	1409	10965	17.62	13.48	17.62	0.94	36.21	45.26	24.52	1.54
55	gi|148536846|ref|NP_075461.2|	1420	1434	10966	12.31	9.59	62.25	6.68	38.04	12.31	21.01	5.51
55	gi|148536846|ref|NP_075461.2|	1421	1435	10967	9.59	9.59	64.73	6.46	36.72	6.73	16.34	3.84
55	gi|148536846|ref|NP_075461.2|	1422	1436	10968	9.59	9.59	68.41	6.68	36.77	7.51	14.25	4.51
55	gi|148536846|ref|NP_075461.2|	1423	1437	10969	12.04	9.59	41.26	12.04	36.89	7.63	33.94	6.65
55	gi|148536846|ref|NP_075461.2|	1424	1438	10970	19.2	9.59	44.93	19.2	34.62	12.73	57.4	9.87
55	gi|148536846|ref|NP_075461.2|	1438	1452	10971	14.5	2	14.5	25.27	3.09	11.79	40.65	17.8
55	gi|148536846|ref|NP_075461.2|	1439	1453	10972	13.95	1.85	13.95	24.23	2.88	4.52	42.45	17.8
55	gi|148536846|ref|NP_075461.2|	1440	1454	10973	13.12	1.73	13.12	17.98	2.83	2.93	35.59	14.13
55	gi|148536846|ref|NP_075461.2|	1441	1455	10974	14.13	1.7	17.76	15.31	3.12	3	37.37	14.13
55	gi|148536846|ref|NP_075461.2|	1442	1456	10975	14.13	1.75	21.53	15.07	5.39	4.82	48.75	14.13
55	gi|148536846|ref|NP_075461.2|	1443	1457	10976	10.53	0.6	24.8	13.4	7.82	9.29	53.5	10.53
55	gi|148536846|ref|NP_075461.2|	1444	1458	10977	10.53	0.6	24.69	7.44	10.43	21.99	54.32	10.53
55	gi|148536846|ref|NP_075461.2|	1445	1459	10978	15.72	6.71	26.3	6	15.72	57.61	25.34	5.97
55	gi|148536846|ref|NP_075461.2|	1446	1460	10979	15.4	6.71	32.77	6	15.4	70.26	25.34	6.06
55	gi|148536846|ref|NP_075461.2|	1447	1461	10980	17.46	6.71	33.15	6	17.46	74.85	25.34	6.7
55	gi|148536846|ref|NP_075461.2|	1448	1462	10981	19.45	6.71	33.15	5.12	19.45	71.47	25.34	7.6
55	gi|148536846|ref|NP_075461.2|	1451	1465	10982	17.29	19.23	17.29	15.19	15.16	64.21	25.34	8.29
55	gi|148536846|ref|NP_075461.2|	1463	1477	10983	18.07	12.33	8.67	43.06	18.07	45.39	26.51	12.86
55	gi|148536846|ref|NP_075461.2|	1464	1478	10984	17.36	10.71	10.03	48.22	17.36	36.49	23.38	12.86
55	gi|148536846|ref|NP_075461.2|	1465	1479	10985	17.1	7.65	12.21	50.02	17.1	34.66	18.3	12.86
55	gi|148536846|ref|NP_075461.2|	1466	1480	10986	19.74	6.66	15.51	56.42	17.68	36.41	24.65	19.74

Table 2

55	gi|148536846|ref|NP_075461.2|	1480	1494	10987	6.07	6.07	22.13	4.57	2.89	13.35	45.06	1.89
55	gi|148536846|ref|NP_075461.2|	1481	1495	10988	5.54	6.07	17.94	3.47	0.01	5.54	22.14	1.82
55	gi|148536846|ref|NP_075461.2|	1482	1496	10989	3.6	6.07	17.92	3.11	0.01	3.6	22.14	1.73
55	gi|148536846|ref|NP_075461.2|	1483	1497	10990	3.18	6.07	20.98	3.11	0.01	3.18	22.14	1.7
55	gi|148536846|ref|NP_075461.2|	1484	1498	10991	4.22	4.37	21.23	3.11	0.01	4.22	22.14	1.73
55	gi|148536846|ref|NP_075461.2|	1485	1499	10992	5.02	4.37	24.21	3.11	0.02	8.36	22.14	5.02
55	gi|148536846|ref|NP_075461.2|	1486	1500	10993	4.44	4.37	4.44	1.62	0.02	34.12	22.14	4.83
55	gi|148536846|ref|NP_075461.2|	1487	1501	10994	17.86	27.4	4.15	1.54	0.31	82.73	22.14	17.86
55	gi|148536846|ref|NP_075461.2|	1488	1502	10995	16.4	24.5	4.32	1.62	12.98	91.39	30	16.4
55	gi|148536846|ref|NP_075461.2|	1489	1503	10996	7.19	5.14	2.87	1.77	11.48	90.43	30	7.19
55	gi|148536846|ref|NP_075461.2|	1490	1504	10997	7.01	4.98	2.81	2.15	11.48	88.79	30	7.01
55	gi|148536846|ref|NP_075461.2|	1491	1505	10998	4.81	4.81	1.95	2.4	6.32	84.53	30	1.22
55	gi|148536846|ref|NP_075461.2|	1492	1506	10999	4.62	4.62	1.95	1.45	6.32	80.65	32.85	1
55	gi|148536846|ref|NP_075461.2|	1493	1507	11000	6.32	4.88	15.32	1.57	6.32	80.36	35.55	0.99
55	gi|148536846|ref|NP_075461.2|	1494	1508	11001	14.97	14.97	21.28	2.3	6.32	80.55	45.12	0.95
55	gi|148536846|ref|NP_075461.2|	1495	1509	11002	11.03	15.08	11.03	2.15	6.32	82.73	27.38	0.94
55	gi|148536846|ref|NP_075461.2|	1496	1510	11003	11.03	46.28	11.03	2.3	6.32	83.93	27.51	2.3
55	gi|148536846|ref|NP_075461.2|	1497	1511	11004	6.32	57.17	4.41	4.41	6.32	82.29	25.02	3.3
55	gi|148536846|ref|NP_075461.2|	1498	1512	11005	8.66	7.76	7.31	4.32	17.07	75.48	20.46	8.66
55	gi|148536846|ref|NP_075461.2|	1499	1513	11006	4.35	3.06	0.51	4.35	13.66	61.15	29.52	0.96
55	gi|148536846|ref|NP_075461.2|	1500	1514	11007	2.48	2.48	0.17	0.48	13.6	53.15	21.59	0.78
55	gi|148536846|ref|NP_075461.2|	1501	1515	11008	2.34	2.34	0.15	0.46	13.65	49.77	21.23	0.78
55	gi|148536846|ref|NP_075461.2|	1502	1516	11009	1.54	1.97	0.15	0.46	18.18	52.17	1.54	0.78
55	gi|148536846|ref|NP_075461.2|	1503	1517	11010	0.93	2.05	0.14	0.43	20.08	56.73	0.93	0.78
55	gi|148536846|ref|NP_075461.2|	1504	1518	11011	1.34	2.75	0.19	0.46	20.08	66.16	0.93	1.34
55	gi|148536846|ref|NP_075461.2|	1505	1519	11012	1.93	3.14	0.63	1.93	20.08	76.69	1.28	1.67
55	gi|148536846|ref|NP_075461.2|	1506	1520	11013	3.28	3.28	19.29	1.97	28.01	73.01	0.41	2.37
55	gi|148536846|ref|NP_075461.2|	1507	1521	11014	17.52	3.07	19.29	17.52	28.01	70.44	0.42	3.18
55	gi|148536846|ref|NP_075461.2|	1508	1522	11015	19.29	3.67	19.29	23.38	28.01	71.89	0.46	8.36
55	gi|148536846|ref|NP_075461.2|	1524	1538	11016	17.71	7.21	67.77	33.62	14.9	17.71	51.05	11.11
55	gi|148536846|ref|NP_075461.2|	1534	1548	11017	15.23	3.67	15.23	20.62	11.13	8.85	30.74	21.62
55	gi|148536846|ref|NP_075461.2|	1535	1549	11018	11.13	3.67	17.47	16.68	11.13	4.04	25.6	6.95
55	gi|148536846|ref|NP_075461.2|	1536	1550	11019	11.13	3.67	21.82	17.49	11.13	3.56	23.01	6.43
55	gi|148536846|ref|NP_075461.2|	1537	1551	11020	18.72	3.67	23.11	18.72	22.63	3.13	19.77	4.62
55	gi|148536846|ref|NP_075461.2|	1538	1552	11021	16.4	3.67	25.93	20.95	31.86	4.93	16.4	5.34
55	gi|148536846|ref|NP_075461.2|	1539	1553	11022	17.43	3.67	33.49	29.96	42.39	9.81	17.43	8.24
55	gi|148536846|ref|NP_075461.2|	1552	1566	11023	18.49	33.84	9.42	15.64	18.49	40.77	18.21	19.08
55	gi|148536846|ref|NP_075461.2|	1553	1567	11024	13.91	59.83	9.42	13.9	6.73	37.68	13.91	16.38
55	gi|148536846|ref|NP_075461.2|	1554	1568	11025	11.28	58.28	11.72	6.19	6.73	37.33	11.28	8.42
55	gi|148536846|ref|NP_075461.2|	1555	1569	11026	10.34	67.21	15.15	7.12	6.73	39.23	10.34	8.42
55	gi|148536846|ref|NP_075461.2|	1556	1570	11027	18.75	69.73	18.75	8.62	6.73	44.14	18.87	8.42
55	gi|148536846|ref|NP_075461.2|	1557	1571	11028	6.73	46.87	0.31	4.42	6.73	27.05	12.95	3.31
55	gi|148536846|ref|NP_075461.2|	1558	1572	11029	6.73	46.8	0.45	4.42	6.73	21.23	14.82	3.3
55	gi|148536846|ref|NP_075461.2|	1559	1573	11030	3.34	1.55	0.43	4.42	3.34	6.7	17.09	0.82
55	gi|148536846|ref|NP_075461.2|	1560	1574	11031	2.81	1.55	0.61	4.42	3.54	2.81	35.71	0.81
55	gi|148536846|ref|NP_075461.2|	1561	1575	11032	1.74	1.55	0.81	9.66	3.77	1.74	34.27	0.75
55	gi|148536846|ref|NP_075461.2|	1562	1576	11033	1.88	1.55	1.12	10.18	3.95	1.88	37.33	0.79
55	gi|148536846|ref|NP_075461.2|	1563	1577	11034	3.5	1.55	1.59	10.54	6.21	3.5	38.2	0.83

Table 2

55	gi|148536846|ref|NP_075461.2|	1564	1578	11035	9.77	1.55	11.78	48.16	9.77	8.29	49.17	2.7
55	gi|148536846|ref|NP_075461.2|	1565	1579	11036	11.89	1.55	0.45	25.33	11.89	23.68	25.02	1.97
55	gi|148536846|ref|NP_075461.2|	1567	1581	11037	3.82	20.93	0.16	8.57	0.26	24.92	3.01	3.82
55	gi|148536846|ref|NP_075461.2|	1568	1582	11038	3.81	20.93	0.16	8.65	0.27	25.28	3.01	3.81
55	gi|148536846|ref|NP_075461.2|	1569	1583	11039	2.52	14.41	0.15	2.52	0.28	24.92	3.01	1.66
55	gi|148536846|ref|NP_075461.2|	1570	1584	11040	2.32	4.33	0.48	2.32	1.09	26.82	3.01	2.02
55	gi|148536846|ref|NP_075461.2|	1571	1585	11041	2.11	4.01	0.43	2.11	1.06	35.99	3.01	1.92
55	gi|148536846|ref|NP_075461.2|	1572	1586	11042	3.01	3.99	1.68	1.59	3.07	37.87	3.01	2.25
55	gi|148536846|ref|NP_075461.2|	1573	1587	11043	2.22	2.22	1.62	1.59	0.39	31.77	3.01	2.25
55	gi|148536846|ref|NP_075461.2|	1574	1588	11044	6.23	2.22	27.02	2.68	27.45	34.75	6.23	5.66
55	gi|148536846|ref|NP_075461.2|	1575	1589	11045	6.03	2.22	31.65	2.87	27.22	31.31	6.03	2.69
55	gi|148536846|ref|NP_075461.2|	1576	1590	11046	7.39	2.22	42.11	4.09	26.19	32.25	7.39	3.44
55	gi|148536846|ref|NP_075461.2|	1578	1592	11047	2.72	1.71	46.7	1.04	3.99	43.62	2.72	2.15
55	gi|148536846|ref|NP_075461.2|	1579	1593	11048	2.26	2.26	46.7	1.02	3.99	53.34	2.09	2.18
55	gi|148536846|ref|NP_075461.2|	1580	1594	11049	7.08	7.08	66.26	1.01	10.67	61.9	3.92	3.21
55	gi|148536846|ref|NP_075461.2|	1581	1595	11050	9.14	9.14	14.01	0.31	9.82	63.26	4.42	2.6
55	gi|148536846|ref|NP_075461.2|	1582	1596	11051	5.97	9.56	14.01	0.26	5.97	59.63	5.52	3.11
55	gi|148536846|ref|NP_075461.2|	1583	1597	11052	6.49	18.54	14.01	0.38	5.63	40.72	6.49	5.44
55	gi|148536846|ref|NP_075461.2|	1584	1598	11053	12.16	18.16	14.01	0.39	4.13	28.18	12.16	4.59
55	gi|148536846|ref|NP_075461.2|	1585	1599	11054	16.1	28.29	14.01	0.46	16.1	23.88	25.59	4.07
55	gi|148536846|ref|NP_075461.2|	1586	1600	11055	16.1	30.86	14.01	0.57	16.1	20.51	42.16	7.03
55	gi|148536846|ref|NP_075461.2|	1587	1601	11056	16.1	30.02	14.01	0.57	16.1	19.36	42.71	7.03
55	gi|148536846|ref|NP_075461.2|	1588	1602	11057	16	15.43	16	9.5	35.59	23.45	54.55	7.03
55	gi|148536846|ref|NP_075461.2|	1589	1603	11058	13.04	13.04	6.47	13.58	20.29	11.61	57.09	3.4
55	gi|148536846|ref|NP_075461.2|	1590	1604	11059	13.04	13.04	6.68	13.27	18.26	5.78	57.09	2.63
55	gi|148536846|ref|NP_075461.2|	1591	1605	11060	10.04	10.04	9.18	13.4	17.79	4.69	56.16	2.57
55	gi|148536846|ref|NP_075461.2|	1592	1606	11061	9.04	6.72	9.04	12.15	15.62	3.66	38.14	2.9
55	gi|148536846|ref|NP_075461.2|	1593	1607	11062	10.63	10.63	10.48	11.93	18.25	4.11	37.97	5.53
55	gi|148536846|ref|NP_075461.2|	1594	1608	11063	13.44	15.97	13.44	8.91	23.04	7.09	34.08	9.91
55	gi|148536846|ref|NP_075461.2|	1595	1609	11064	17.38	6.18	14.66	5.76	26.65	19.18	35.1	17.38
55	gi|148536846|ref|NP_075461.2|	1596	1610	11065	19.01	31.93	14.66	5.93	29.26	38.97	15.61	19.01
55	gi|148536846|ref|NP_075461.2|	1597	1611	11066	18.02	28.96	14.66	5.93	33.77	51.26	8.52	18.02
55	gi|148536846|ref|NP_075461.2|	1598	1612	11067	5.17	5.17	0.66	3.63	10.79	32.09	8.52	1.05
55	gi|148536846|ref|NP_075461.2|	1599	1613	11068	5.17	5.17	1.06	2.62	11.28	23.97	8.52	1.05
55	gi|148536846|ref|NP_075461.2|	1600	1614	11069	3.33	4.72	1.2	2.77	10.53	21.25	3.33	0.78
55	gi|148536846|ref|NP_075461.2|	1601	1615	11070	2.83	2.66	2.24	2.83	10.76	18.15	3.32	0.78
55	gi|148536846|ref|NP_075461.2|	1602	1616	11071	3.23	2.66	1.5	3.23	13.88	17.42	4.95	0.62
55	gi|148536846|ref|NP_075461.2|	1603	1617	11072	4.48	3.28	2.05	4.48	17.3	21.34	7.82	1.11
55	gi|148536846|ref|NP_075461.2|	1604	1618	11073	7.18	3.07	2.46	7.18	22.92	26.21	9.18	1.08
55	gi|148536846|ref|NP_075461.2|	1605	1619	11074	13.63	4.31	8.27	13.63	37.57	29.13	13.99	1.67
55	gi|148536846|ref|NP_075461.2|	1606	1620	11075	5.68	4.31	5.68	19.35	4.07	10.17	7.15	1.2
55	gi|148536846|ref|NP_075461.2|	1607	1621	11076	8.31	12.08	6.98	25.42	4.05	8.31	16.63	2.26
55	gi|148536846|ref|NP_075461.2|	1608	1622	11077	8.98	8.98	8.76	26.75	4.37	9.15	13.2	2.32
55	gi|148536846|ref|NP_075461.2|	1609	1623	11078	9.69	8.98	14.08	26.64	4.54	9.69	10.08	4.27
55	gi|148536846|ref|NP_075461.2|	1610	1624	11079	12.73	8.98	17.95	26.74	6.93	12.73	24.18	4.97
55	gi|148536846|ref|NP_075461.2|	1611	1625	11080	6.18	6.18	2.84	4.53	9.67	21.45	8.6	3.71
55	gi|148536846|ref|NP_075461.2|	1612	1626	11081	3.45	6.18	3.45	3.23	9.67	45.85	3.26	3.26
55	gi|148536846|ref|NP_075461.2|	1613	1627	11082	7.29	23.29	7.29	3.28	9.67	69.14	3.26	3.78

Table 2

55	gi|148536846|ref|NP_075461.2|	1614	1628	11083	9.67	9.79	9.83	2.44	9.67	63.95	3.26	3.68
55	gi|148536846|ref|NP_075461.2|	1615	1629	11084	9.56	9.56	12.85	2.44	9.67	61.37	3.26	3.77
55	gi|148536846|ref|NP_075461.2|	1616	1630	11085	9.6	9.6	17.36	4.01	9.67	49.5	3.26	4.02
55	gi|148536846|ref|NP_075461.2|	1617	1631	11086	9.54	9.54	19.45	4.48	9.67	45.48	5.39	4.09
55	gi|148536846|ref|NP_075461.2|	1618	1632	11087	12.36	12.36	35.16	7.45	16.28	38.08	6.7	4.46
55	gi|148536846|ref|NP_075461.2|	1619	1633	11088	16.28	9.7	39.28	4.8	16.28	36.26	23.76	5.42
55	gi|148536846|ref|NP_075461.2|	1620	1634	11089	14.68	9.67	38.76	5.08	16.28	39.74	14.68	5.42
55	gi|148536846|ref|NP_075461.2|	1621	1635	11090	16.28	10.67	32.35	6.46	16.28	37.56	19.18	7.81
55	gi|148536846|ref|NP_075461.2|	1622	1636	11091	9.72	5.68	25.55	6.18	0.91	18.33	14.69	9.72
55	gi|148536846|ref|NP_075461.2|	1623	1637	11092	8.14	5.68	26.84	6.89	0.82	15.22	16.42	8.14
55	gi|148536846|ref|NP_075461.2|	1624	1638	11093	10.45	5.68	28.48	6.95	0.78	10.45	17.33	15.91
55	gi|148536846|ref|NP_075461.2|	1625	1639	11094	8.41	5.68	29.92	7.14	0.78	8.41	26.92	15.91
55	gi|148536846|ref|NP_075461.2|	1626	1640	11095	15.91	5.68	34.06	18.73	1.31	10.69	38.46	15.91
55	gi|148536846|ref|NP_075461.2|	1627	1641	11096	17.04	10.69	41.41	30.27	2.23	17.04	61.79	15.91
55	gi|148536846|ref|NP_075461.2|	1632	1646	11097	14.65	13.04	14.65	5.56	30.27	48.35	58.68	2.68
55	gi|148536846|ref|NP_075461.2|	1633	1647	11098	17.85	13.04	17.85	5.39	33.68	48.93	25.62	2.68
55	gi|148536846|ref|NP_075461.2|	1634	1648	11099	17.58	13.04	17.58	8.01	34.42	51.51	25.62	2.68
55	gi|148536846|ref|NP_075461.2|	1635	1649	11100	14.23	6.62	14.23	8.01	31.14	50.01	25.62	2.68
55	gi|148536846|ref|NP_075461.2|	1636	1650	11101	9.25	6.62	9.25	4.75	38.79	47.88	25.62	2.68
55	gi|148536846|ref|NP_075461.2|	1637	1651	11102	13.15	6.62	13.15	10.6	42.82	49.64	25.62	3.7
55	gi|148536846|ref|NP_075461.2|	1638	1652	11103	17.6	6.62	17.6	11.87	42.44	56.19	25.62	3.67
55	gi|148536846|ref|NP_075461.2|	1654	1668	11104	8.88	3.67	12.8	8.88	16.29	8.22	23.41	3.21
55	gi|148536846|ref|NP_075461.2|	1655	1669	11105	8.08	3.67	17.3	8.08	15.29	4.84	15.86	2.92
55	gi|148536846|ref|NP_075461.2|	1656	1670	11106	3.96	3.67	20.71	2.88	14.32	3.96	5.94	2.92
55	gi|148536846|ref|NP_075461.2|	1657	1671	11107	4.09	3.67	25.13	2.88	13.73	4.09	6.4	2.92
55	gi|148536846|ref|NP_075461.2|	1658	1672	11108	3.44	3.67	3.44	2.15	15.96	2.06	5.83	1.05
55	gi|148536846|ref|NP_075461.2|	1659	1673	11109	0.75	3.67	0.18	0.06	17.7	0.37	4.47	0.75
55	gi|148536846|ref|NP_075461.2|	1660	1674	11110	0.57	3.67	0.16	0.06	19.65	0.08	3.71	0.57
55	gi|148536846|ref|NP_075461.2|	1661	1675	11111	0.39	3.26	0.16	0.05	21.05	0.07	4.46	0.39
55	gi|148536846|ref|NP_075461.2|	1662	1676	11112	0.51	2.21	0.14	0.06	13.07	0.04	4.52	0.51
55	gi|148536846|ref|NP_075461.2|	1663	1677	11113	0.72	2.84	0.15	0.06	11.38	0.01	5.43	0.72
55	gi|148536846|ref|NP_075461.2|	1664	1678	11114	0.86	3.19	0.31	0.17	11.28	0.02	3.06	0.86
55	gi|148536846|ref|NP_075461.2|	1665	1679	11115	0.86	4.29	0.42	0.38	11.42	0.06	1.65	0.86
55	gi|148536846|ref|NP_075461.2|	1666	1680	11116	4.01	4.37	4.01	16.42	17.63	0.08	2.51	0.91
55	gi|148536846|ref|NP_075461.2|	1667	1681	11117	4.14	4.37	4.14	10.42	28.15	0.69	1.54	1.88
55	gi|148536846|ref|NP_075461.2|	1668	1682	11118	5.24	5.24	8.98	2.37	39.03	5.36	0.94	1.62
55	gi|148536846|ref|NP_075461.2|	1669	1683	11119	6.18	5.24	17.01	2.06	13.91	11.23	0.74	6.18
55	gi|148536846|ref|NP_075461.2|	1670	1684	11120	5.24	5.24	16.98	1.21	13.91	8.1	0.66	4.69
55	gi|148536846|ref|NP_075461.2|	1671	1685	11121	2.1	1.99	7.26	0.97	13.91	2.1	0.62	4.69
55	gi|148536846|ref|NP_075461.2|	1672	1686	11122	3.58	3.58	5.37	0.94	13.91	0.67	2.04	4.69
55	gi|148536846|ref|NP_075461.2|	1673	1687	11123	3.11	2.95	4.16	1.34	13.91	0.43	3.11	4.69
55	gi|148536846|ref|NP_075461.2|	1674	1688	11124	4.59	3.95	4.59	2.08	13.91	0.44	6.96	4.69
55	gi|148536846|ref|NP_075461.2|	1675	1689	11125	6.57	4.46	6.57	6.12	13.91	0.86	16.72	8.31
55	gi|148536846|ref|NP_075461.2|	1676	1690	11126	9.06	7.82	9.06	5.79	39.56	3.51	22.14	13.77
55	gi|148536846|ref|NP_075461.2|	1677	1691	11127	9.28	8.64	9.28	1.04	32.97	23.66	13.9	5.05
55	gi|148536846|ref|NP_075461.2|	1679	1693	11128	19.29	26.99	19.29	0.94	24.55	65.68	1.76	5.05
55	gi|148536846|ref|NP_075461.2|	1680	1694	11129	5.05	4.37	5.77	0.9	7.26	46.13	0.7	5.05
55	gi|148536846|ref|NP_075461.2|	1681	1695	11130	5.05	4.37	7.17	1.15	6.94	30.71	0.73	5.05

Table 2

55	gi|148536846|ref|NP_075461.2|	1682	1696	11131	2.2	4.37	2.2	1.2	6.6	16.04	1.51	2.16
55	gi|148536846|ref|NP_075461.2|	1683	1697	11132	2.02	4.37	2.01	1.29	6.18	7.86	1.42	2.02
55	gi|148536846|ref|NP_075461.2|	1684	1698	11133	3.31	3.31	2.73	2.58	7.69	4.56	3.67	1.87
55	gi|148536846|ref|NP_075461.2|	1685	1699	11134	1.87	3.31	0.85	1.01	9.9	1.81	5.38	1.87
55	gi|148536846|ref|NP_075461.2|	1686	1700	11135	1.87	3.31	0.87	1.04	11.91	0.93	14.52	1.87
55	gi|148536846|ref|NP_075461.2|	1687	1701	11136	2.03	3.31	1.68	2.03	27.81	1.22	16.85	1.87
55	gi|148536846|ref|NP_075461.2|	1688	1702	11137	1.87	3.31	0.9	1.83	15.61	1.62	18.55	1.87
55	gi|148536846|ref|NP_075461.2|	1689	1703	11138	3.31	3.31	1.12	2.52	15.52	2.6	19.35	3.46
55	gi|148536846|ref|NP_075461.2|	1690	1704	11139	5.98	3.31	1.54	5.98	16.5	7.09	29.02	4.86
55	gi|148536846|ref|NP_075461.2|	1691	1705	11140	14.24	14.24	2.41	6.46	18.38	15.65	21.2	5.05
55	gi|148536846|ref|NP_075461.2|	1694	1708	11141	14.01	2.71	14.01	5.84	37.07	48.67	22.29	2.44
55	gi|148536846|ref|NP_075461.2|	1695	1709	11142	14.01	2.71	14.01	5.98	15.31	60.89	20.04	2.44
55	gi|148536846|ref|NP_075461.2|	1696	1710	11143	3.38	1.14	31.19	3.38	7.23	63.81	0.49	1.53
55	gi|148536846|ref|NP_075461.2|	1697	1711	11144	2.58	1.14	31.19	2.58	7.23	63.9	0.49	1.53
55	gi|148536846|ref|NP_075461.2|	1698	1712	11145	2.87	1.14	31.19	2.87	7.23	68.98	0.56	2.16
55	gi|148536846|ref|NP_075461.2|	1699	1713	11146	2.81	2.68	3.16	2.81	1.37	79.48	1.24	4.19
55	gi|148536846|ref|NP_075461.2|	1700	1714	11147	2.65	2.65	3.03	1.97	1.48	89.54	1.56	5.27
55	gi|148536846|ref|NP_075461.2|	1701	1715	11148	5.12	9.44	5.12	1.2	3.13	91.22	2.83	7.22
55	gi|148536846|ref|NP_075461.2|	1702	1716	11149	4.75	18.7	4.75	1.15	0.86	88.52	2.22	8.37
55	gi|148536846|ref|NP_075461.2|	1703	1717	11150	2.99	2.99	4.51	1.27	0.61	43.2	3.3	1.05
55	gi|148536846|ref|NP_075461.2|	1704	1718	11151	2.37	2.99	2.37	1.2	0.57	23.36	4.38	1.05
55	gi|148536846|ref|NP_075461.2|	1705	1719	11152	2.37	2.99	2.37	1.5	0.13	16.25	4.73	1.05
55	gi|148536846|ref|NP_075461.2|	1706	1720	11153	3.47	2.99	5.84	2.92	7.04	16.76	3.47	1.05
55	gi|148536846|ref|NP_075461.2|	1707	1721	11154	3.35	2.99	8.2	3.35	7.04	17.74	0.83	1.05
55	gi|148536846|ref|NP_075461.2|	1708	1722	11155	7.04	9.29	11.49	3.82	7.04	20.81	0.83	2.03
55	gi|148536846|ref|NP_075461.2|	1709	1723	11156	9.97	9.97	15.06	3.75	11.09	33.35	1.18	2.27
55	gi|148536846|ref|NP_075461.2|	1710	1724	11157	7.8	36.62	7.8	2.28	11.09	52.35	1.32	7.43
55	gi|148536846|ref|NP_075461.2|	1711	1725	11158	11.09	41.08	12.55	4.32	11.09	61.9	3.89	7.94
55	gi|148536846|ref|NP_075461.2|	1712	1726	11159	12.93	17.6	12.93	5.07	11.09	61.78	9.59	13.89
55	gi|148536846|ref|NP_075461.2|	1713	1727	11160	13.98	18.44	17.07	5.16	11.09	63.41	9.98	13.98
55	gi|148536846|ref|NP_075461.2|	1716	1730	11161	18.38	8.84	33.5	17.5	14.66	81.73	18.38	45.91
55	gi|148536846|ref|NP_075461.2|	1730	1744	11162	17.04	10.22	7.29	48.85	4.21	79.39	72.21	17.04
55	gi|148536846|ref|NP_075461.2|	1731	1745	11163	10.22	10.22	7.69	45.54	3.78	58.32	72.21	7.07
55	gi|148536846|ref|NP_075461.2|	1732	1746	11164	10.22	10.22	7.4	20.29	3.42	46.94	25.97	6.61
55	gi|148536846|ref|NP_075461.2|	1733	1747	11165	10.22	10.22	6.93	19.5	2.9	34.99	27.4	6.42
55	gi|148536846|ref|NP_075461.2|	1734	1748	11166	10.22	10.22	8.01	18.77	4.96	31.02	27.94	6.3
55	gi|148536846|ref|NP_075461.2|	1735	1749	11167	10.22	10.22	9.42	18.43	7.74	30.85	49.62	7.34
55	gi|148536846|ref|NP_075461.2|	1736	1750	11168	13.9	10.22	11.57	18.65	12	37.88	52.22	13.9
55	gi|148536846|ref|NP_075461.2|	1738	1752	11169	12.69	13.04	12.69	10.72	10.07	40.6	16.1	9.44
55	gi|148536846|ref|NP_075461.2|	1739	1753	11170	10.07	13.04	5.05	4.88	10.07	33.35	16.39	9.44
55	gi|148536846|ref|NP_075461.2|	1740	1754	11171	10.38	13.04	4.9	4.39	10.38	27.82	12.85	6.59
55	gi|148536846|ref|NP_075461.2|	1741	1755	11172	9.98	13.04	3.81	4.02	10.25	24.42	9.98	3.43
55	gi|148536846|ref|NP_075461.2|	1742	1756	11173	8.84	12.33	5.53	4.02	13.53	19.98	8.84	0.7
55	gi|148536846|ref|NP_075461.2|	1743	1757	11174	6.27	12.33	7.32	4.3	6.27	22.35	3.76	0.7
55	gi|148536846|ref|NP_075461.2|	1744	1758	11175	7.73	12.33	9.54	7.73	6.27	31.82	3.49	0.7
55	gi|148536846|ref|NP_075461.2|	1745	1759	11176	6.27	3.93	14.66	6.5	6.27	35.24	2.29	0.7
55	gi|148536846|ref|NP_075461.2|	1746	1760	11177	3.93	3.93	14.66	1	6.27	41.34	3.1	0.7
55	gi|148536846|ref|NP_075461.2|	1747	1761	11178	3.93	3.93	14.66	1	6.27	47.57	3.4	1.13

Table 2

55	gi|148536846|ref|NP_075461.2|	1748	1762	11179	6.08	6.08	25.57	1	21.2	32.09	4.37	1.2
55	gi|148536846|ref|NP_075461.2|	1749	1763	11180	5.57	5.57	9.21	1	4.92	12.93	5.19	10.53
55	gi|148536846|ref|NP_075461.2|	1750	1764	11181	8.87	8.87	9.21	1	4.48	7.25	32.74	9.94
55	gi|148536846|ref|NP_075461.2|	1751	1765	11182	8.11	9.39	9.21	2.22	4.1	6.59	30.74	8.11
55	gi|148536846|ref|NP_075461.2|	1752	1766	11183	7.12	11.43	9.21	3.53	3.54	7.12	59.47	6.04
55	gi|148536846|ref|NP_075461.2|	1753	1767	11184	11.1	18.08	9.27	45.58	5.32	11.1	65.67	8.95
55	gi|148536846|ref|NP_075461.2|	1787	1801	11185	4.07	37.73	0.51	1.33	4.07	81.02	49.63	1.44
55	gi|148536846|ref|NP_075461.2|	1788	1802	11186	4.07	41.11	0.41	1.04	4.07	78.6	33.89	1.26
55	gi|148536846|ref|NP_075461.2|	1789	1803	11187	4.07	18.86	0.41	1.08	4.07	77.93	26.24	1.31
55	gi|148536846|ref|NP_075461.2|	1790	1804	11188	4.07	14.42	0.41	1.14	4.07	76.42	23.47	1.1
55	gi|148536846|ref|NP_075461.2|	1791	1805	11189	4.07	13.9	0.41	1.18	4.07	72.67	23.47	1.1
55	gi|148536846|ref|NP_075461.2|	1792	1806	11190	4.07	14.37	1.1	3.87	4.07	70.99	23.47	2.53
55	gi|148536846|ref|NP_075461.2|	1793	1807	11191	4.07	10.91	0.27	0.37	4.07	62.63	23.47	0.62
55	gi|148536846|ref|NP_075461.2|	1794	1808	11192	9.77	9.77	7.6	0.38	17.21	56.25	23.47	0.62
55	gi|148536846|ref|NP_075461.2|	1795	1809	11193	7.6	4.77	7.6	0.37	11.83	54.21	23.47	0.62
55	gi|148536846|ref|NP_075461.2|	1796	1810	11194	9.37	4.77	9.37	0.32	11.78	52.66	23.47	0.62
55	gi|148536846|ref|NP_075461.2|	1797	1811	11195	10.12	4.77	10.12	0.32	12.92	54.49	28.22	0.62
55	gi|148536846|ref|NP_075461.2|	1798	1812	11196	4.77	4.77	12.11	1.01	0.69	59.41	26.13	0.62
55	gi|148536846|ref|NP_075461.2|	1799	1813	11197	4.77	4.77	16.5	0.85	0.8	66.87	17.86	0.62
55	gi|148536846|ref|NP_075461.2|	1800	1814	11198	9.2	6.58	23.99	1.93	0.56	68.17	17.86	9.2
55	gi|148536846|ref|NP_075461.2|	1801	1815	11199	9.54	2.83	14.99	2.33	0.5	67.13	17.86	9.54
55	gi|148536846|ref|NP_075461.2|	1802	1816	11200	3.33	2.55	14.99	0.89	0.5	67.34	17.86	3.33
55	gi|148536846|ref|NP_075461.2|	1803	1817	11201	3.53	2.54	14.99	1.2	0.47	68.87	17.86	3.53
55	gi|148536846|ref|NP_075461.2|	1804	1818	11202	3.83	2.44	14.99	1.52	0.47	69.43	17.86	3.83
55	gi|148536846|ref|NP_075461.2|	1805	1819	11203	8.48	5.06	13.96	1.52	8.48	61.28	17.86	3.67
55	gi|148536846|ref|NP_075461.2|	1806	1820	11204	8.09	5.27	14.99	1.91	8.09	61.34	23.04	6.18
55	gi|148536846|ref|NP_075461.2|	1807	1821	11205	11.15	11.15	14.99	6.11	0.26	54.65	21.83	9.16
55	gi|148536846|ref|NP_075461.2|	1808	1822	11206	9.03	2.44	17.64	6.2	0.01	32.46	21.83	9.03
55	gi|148536846|ref|NP_075461.2|	1809	1823	11207	17.58	1.8	23.51	17.58	0.01	27.65	21.83	15.88
55	gi|148536846|ref|NP_075461.2|	1816	1830	11208	14.09	1.38	17.06	14.09	13.17	8.71	53.28	14.13
55	gi|148536846|ref|NP_075461.2|	1817	1831	11209	14.13	1.3	17.06	14.38	12.23	5.6	55.01	14.13
55	gi|148536846|ref|NP_075461.2|	1818	1832	11210	14.13	0.75	17.06	14.48	11.95	4.18	63.29	14.13
55	gi|148536846|ref|NP_075461.2|	1819	1833	11211	14.13	0.51	17.06	11.76	15.13	4.54	64.15	14.13
55	gi|148536846|ref|NP_075461.2|	1820	1834	11212	17.06	1.1	17.06	10.26	25.53	8.03	51.35	20.4
55	gi|148536846|ref|NP_075461.2|	1821	1835	11213	17.06	2.28	17.06	15.14	41.28	14.51	51.35	23.85
55	gi|148536846|ref|NP_075461.2|	1847	1861	11214	19.72	17.27	45.76	17.14	11.65	43.32	19.72	32.04
55	gi|148536846|ref|NP_075461.2|	1848	1862	11215	17.27	17.27	58.87	19.1	12.81	28.35	15.59	2.02
55	gi|148536846|ref|NP_075461.2|	1849	1863	11216	12.9	17.27	53.72	5.52	12.9	21.26	11	2.01
55	gi|148536846|ref|NP_075461.2|	1850	1864	11217	12.5	16.64	52.41	4.82	12.5	16.72	8.86	1.92
55	gi|148536846|ref|NP_075461.2|	1851	1865	11218	7.26	5.69	56.66	5.79	19.35	11.06	7.26	1.87
55	gi|148536846|ref|NP_075461.2|	1852	1866	11219	8.58	5.24	44.81	8.58	26.31	8.95	2.52	2
55	gi|148536846|ref|NP_075461.2|	1853	1867	11220	9.5	7.09	50.06	11.1	30.92	9.5	2.47	4.45
55	gi|148536846|ref|NP_075461.2|	1854	1868	11221	5.35	5.24	7.42	1.11	30.92	6.12	3.35	5.35
55	gi|148536846|ref|NP_075461.2|	1855	1869	11222	4.09	5.94	10.8	0.78	55.78	4.09	2.44	3.99
55	gi|148536846|ref|NP_075461.2|	1856	1870	11223	3.72	4.85	4.3	0.69	54.29	1.62	2.53	3.72
55	gi|148536846|ref|NP_075461.2|	1857	1871	11224	4.15	5.42	6.45	0.72	57.24	1.56	2.14	4.15
55	gi|148536846|ref|NP_075461.2|	1858	1872	11225	3.6	5.53	8.12	0.73	57.24	1.81	2.33	3.6
55	gi|148536846|ref|NP_075461.2|	1859	1873	11226	9.07	9.07	10.75	1.11	57.24	3.35	21.36	3.64

Table 2

55	gi|148536846|ref|NP_075461.2|	1860	1874	11227	11.37	11.37	14.37	1.11	57.24	7.76	43.25	7.11
55	gi|148536846|ref|NP_075461.2|	1871	1885	11228	16.44	15.36	16.44	34.6	55.66	15.81	37.54	10.99
55	gi|148536846|ref|NP_075461.2|	1872	1886	11229	13.71	10.25	13.71	17.79	45.81	9.29	17.82	9.7
55	gi|148536846|ref|NP_075461.2|	1873	1887	11230	14.05	8.66	14.05	18.1	41.3	10.69	14.47	11.92
55	gi|148536846|ref|NP_075461.2|	1874	1888	11231	6.89	3.26	7.19	8.24	43.97	6.89	2.66	2.5
55	gi|148536846|ref|NP_075461.2|	1875	1889	11232	6.86	3.26	7.19	8.57	46.46	6.86	1.49	2.84
55	gi|148536846|ref|NP_075461.2|	1876	1890	11233	6.87	3.38	13.07	9.06	45.21	6.87	1.19	2.75
55	gi|148536846|ref|NP_075461.2|	1877	1891	11234	5.44	5.94	26.33	5.44	12.57	4.37	0.94	3.22
55	gi|148536846|ref|NP_075461.2|	1878	1892	11235	3.1	0.04	34.49	5.61	1.1	3.1	0.95	3.31
55	gi|148536846|ref|NP_075461.2|	1879	1893	11236	2.93	0.04	38.78	9.46	0.84	2.93	1.91	9.05
55	gi|148536846|ref|NP_075461.2|	1880	1894	11237	3.91	0.04	38.78	9.6	0.76	3.36	3.91	9.28
55	gi|148536846|ref|NP_075461.2|	1881	1895	11238	5.91	0.04	47.45	12.45	0.73	4.39	5.91	27.93
55	gi|148536846|ref|NP_075461.2|	1882	1896	11239	17.96	0.04	70.96	21.86	1.36	7.44	17.96	28.54
55	gi|148536846|ref|NP_075461.2|	1890	1904	11240	14.08	3.67	14.08	11.69	7.43	18.72	45.81	21.62
55	gi|148536846|ref|NP_075461.2|	1891	1905	11241	13.5	10.28	13.5	10.83	34.32	5.25	34.71	21.62
55	gi|148536846|ref|NP_075461.2|	1892	1906	11242	7.95	5.17	0.25	8.14	9.99	2.1	26.48	7.95
55	gi|148536846|ref|NP_075461.2|	1893	1907	11243	7.88	5.06	0.43	7.88	10.54	1.3	21.93	7.95
55	gi|148536846|ref|NP_075461.2|	1894	1908	11244	7.95	4.98	0.73	12.59	9.84	1.18	24.51	7.95
55	gi|148536846|ref|NP_075461.2|	1895	1909	11245	7.27	6.65	1.2	14.35	9.84	2.29	29.2	7.27
55	gi|148536846|ref|NP_075461.2|	1896	1910	11246	8.18	4.29	1.8	11.64	9.84	8.18	14.72	7.95
55	gi|148536846|ref|NP_075461.2|	1897	1911	11247	9.84	7.12	2.63	12.39	9.84	26.03	15.91	7.95
55	gi|148536846|ref|NP_075461.2|	1898	1912	11248	9.84	7.12	2.63	11.56	9.84	37.74	10.55	7.95
55	gi|148536846|ref|NP_075461.2|	1899	1913	11249	11.69	7.12	22.11	11.69	12.47	31.56	5.84	6.6
55	gi|148536846|ref|NP_075461.2|	1900	1914	11250	9.84	7.12	11.16	10.81	9.84	12.4	4.27	5.42
55	gi|148536846|ref|NP_075461.2|	1901	1915	11251	7.12	7.12	11.85	14.61	16.85	5.98	2.92	5.42
55	gi|148536846|ref|NP_075461.2|	1902	1916	11252	7.12	7.12	14.22	19.35	16.85	4.39	3.66	5.42
55	gi|148536846|ref|NP_075461.2|	1903	1917	11253	8.84	8.84	19.05	24.57	16.85	5.47	5.41	5.42
55	gi|148536846|ref|NP_075461.2|	1904	1918	11254	14.41	14.41	33.49	28.46	16.85	8.36	12.79	5.42
55	gi|148536846|ref|NP_075461.2|	1905	1919	11255	16.85	14.41	39.4	34.45	16.85	15.14	17.82	6.76
55	gi|148536846|ref|NP_075461.2|	1906	1920	11256	15.14	10.25	43.51	29.61	15.14	38.01	14.77	5.42
55	gi|148536846|ref|NP_075461.2|	1907	1921	11257	20	10.25	43.51	29.97	15.14	56.74	20	11.65
55	gi|148536846|ref|NP_075461.2|	1926	1940	11258	11.14	13.37	31.19	8.01	11.14	31.35	9.28	5.29
55	gi|148536846|ref|NP_075461.2|	1927	1941	11259	12.18	15	31.19	4.81	12.18	20.92	9.28	6.38
55	gi|148536846|ref|NP_075461.2|	1928	1942	11260	12.18	14.8	31.19	4.66	12.18	16.24	9.28	5.97
55	gi|148536846|ref|NP_075461.2|	1929	1943	11261	12.18	5	63.62	3.75	12.18	14.66	14.97	6.63
55	gi|148536846|ref|NP_075461.2|	1930	1944	11262	11.25	4.78	60.92	3.75	12.18	16.04	11.25	6.78
55	gi|148536846|ref|NP_075461.2|	1931	1945	11263	15.74	4.7	69.61	7.53	44.08	23.52	15.74	13.93
55	gi|148536846|ref|NP_075461.2|	1932	1946	11264	13.33	4.4	40.48	8.08	41.43	28	13.33	13.21
55	gi|148536846|ref|NP_075461.2|	1942	1956	11265	9.97	7.64	5.32	7.32	45.95	31.48	35.27	9.97
55	gi|148536846|ref|NP_075461.2|	1943	1957	11266	12.46	7.64	5.97	12.46	45.95	39.74	34.97	9.97
55	gi|148536846|ref|NP_075461.2|	1944	1958	11267	12.46	7.64	5.82	12.46	45.95	50.07	36.86	9.97
55	gi|148536846|ref|NP_075461.2|	1952	1966	11268	18.7	18.7	12.27	12.23	29.29	37.25	35.89	6.6
55	gi|148536846|ref|NP_075461.2|	1953	1967	11269	12.23	23.54	5.95	12.23	6.62	26.27	26.58	6.6
55	gi|148536846|ref|NP_075461.2|	1954	1968	11270	11.69	21.14	6.21	11.69	6.62	20.9	20.08	6.6
55	gi|148536846|ref|NP_075461.2|	1955	1969	11271	9.58	15.37	9.58	9.9	6.62	21.84	9.05	6.6
55	gi|148536846|ref|NP_075461.2|	1956	1970	11272	9.51	14.71	12.36	9.51	6.62	22.03	9.05	4.01
55	gi|148536846|ref|NP_075461.2|	1957	1971	11273	9.05	17.24	16.44	7.7	6.62	28.3	9.05	7.61
55	gi|148536846|ref|NP_075461.2|	1958	1972	11274	9.05	16.85	20.86	7.88	6.62	34.39	9.05	5.1

Table 2

55	gi|148536846|ref|NP_075461.2|	1959	1973	11275	9.05	17.51	32.65	5.5	3.58	34.12	9.05	5.42
55	gi|148536846|ref|NP_075461.2|	1960	1974	11276	9.05	12.33	47.29	8.75	2.31	24.39	9.05	5.39
55	gi|148536846|ref|NP_075461.2|	1961	1975	11277	9.05	12.33	53.94	6.61	3.41	21.26	9.05	4.86
55	gi|148536846|ref|NP_075461.2|	1962	1976	11278	12.33	12.33	60.42	4.18	3.49	17.48	19.35	4.93
55	gi|148536846|ref|NP_075461.2|	1963	1977	11279	13.66	13.66	60.42	3.14	3.92	16.06	17.31	5.37
55	gi|148536846|ref|NP_075461.2|	1964	1978	11280	8.34	8.34	42.98	3.14	4.2	8.65	20.05	0.49
55	gi|148536846|ref|NP_075461.2|	1965	1979	11281	1.08	8.34	1.08	3.59	0.02	0.37	19.99	0.26
55	gi|148536846|ref|NP_075461.2|	1966	1980	11282	5.33	8.34	0.96	5.33	7.12	0.07	24.57	0.2
55	gi|148536846|ref|NP_075461.2|	1967	1981	11283	6.66	8.34	0.81	9.24	6.66	0.04	26.57	0.18
55	gi|148536846|ref|NP_075461.2|	1968	1982	11284	6.02	8.34	0.63	11.17	6.02	0.04	26.57	0.23
55	gi|148536846|ref|NP_075461.2|	1969	1983	11285	8.34	8.34	0.88	12.96	10.58	0.07	26.57	0.45
55	gi|148536846|ref|NP_075461.2|	1970	1984	11286	8.34	8.34	1.1	26.72	19.94	0.17	9.31	0.7
55	gi|148536846|ref|NP_075461.2|	1971	1985	11287	8.86	13.62	1.73	28.03	36.72	6.66	8.86	0.7
55	gi|148536846|ref|NP_075461.2|	1988	2002	11288	12.68	9.46	74.61	26.6	12.68	24.41	0.79	3.73
55	gi|148536846|ref|NP_075461.2|	1989	2003	11289	12.68	9.45	76.43	26.85	12.68	22.74	1.14	3.7
55	gi|148536846|ref|NP_075461.2|	1990	2004	11290	12.68	9.57	80.17	33.3	12.68	25.2	7.29	3.89
55	gi|148536846|ref|NP_075461.2|	2030	2044	11291	16.43	6.91	13.75	16.43	59.09	54.33	30.64	5.58
55	gi|148536846|ref|NP_075461.2|	2121	2135	11292	16.31	5.08	14.88	16.31	63.11	36.34	62.36	11.32
55	gi|148536846|ref|NP_075461.2|	2123	2137	11293	18.15	16.04	20.07	16.41	63.11	18.15	55.81	14.34
55	gi|148536846|ref|NP_075461.2|	2124	2138	11294	16.1	16.1	20.07	13.18	63.11	14.21	50.8	14.34
55	gi|148536846|ref|NP_075461.2|	2125	2139	11295	17.28	16.18	20.07	13.71	75.22	17.28	53.81	14.34
55	gi|148536846|ref|NP_075461.2|	2127	2141	11296	13.99	4.34	13.99	13.39	75.22	38.1	59.68	6.6
55	gi|148536846|ref|NP_075461.2|	2297	2311	11297	19.21	4.29	22.04	14.98	45.19	19.21	28.96	5.42
55	gi|148536846|ref|NP_075461.2|	2298	2312	11298	12.87	4.29	22.07	12.87	44.29	8.68	28.96	5.42
55	gi|148536846|ref|NP_075461.2|	2299	2313	11299	13.1	4.29	25.7	13.1	47.43	8.18	28.96	5.42
56	gi|187828880|ref|NP_001120693.1|	42	56	11300	12.4	15.15	12.4	24.19	42.99	6.57	9.08	6.6
56	gi|187828880|ref|NP_001120693.1|	43	57	11301	7.34	15.15	12.24	24.19	7.34	2.2	7.27	6.6
56	gi|187828880|ref|NP_001120693.1|	44	58	11302	7.34	15.15	12.12	24.19	7.34	1.51	5.32	6.6
56	gi|187828880|ref|NP_001120693.1|	45	59	11303	8.07	15.15	10.25	24.19	7.34	1.28	8.07	6.45
56	gi|187828880|ref|NP_001120693.1|	46	60	11304	12.81	15.15	12.81	21.31	7.34	1.88	20.77	6.6
56	gi|187828880|ref|NP_001120693.1|	47	61	11305	8.31	15.15	8.31	26.45	7.34	4.84	24.52	6.6
56	gi|187828880|ref|NP_001120693.1|	48	62	11306	14.92	15.15	6.59	28.35	7.34	14.92	24.52	6.6
56	gi|187828880|ref|NP_001120693.1|	52	66	11307	19.17	21.27	9.92	17.95	19.17	37.18	16.02	32.24
56	gi|187828880|ref|NP_001120693.1|	53	67	11308	14.51	13.28	6.59	2.25	19.17	38.78	14.51	14.56
56	gi|187828880|ref|NP_001120693.1|	54	68	11309	14.51	11.59	6.88	2.15	19.17	30.09	14.51	15.37
56	gi|187828880|ref|NP_001120693.1|	55	69	11310	14.51	11.59	26.63	2.15	19.17	25.22	14.51	12.28
56	gi|187828880|ref|NP_001120693.1|	56	70	11311	14.51	11.59	38.55	2.15	19.17	23.63	14.51	6.65
56	gi|187828880|ref|NP_001120693.1|	57	71	11312	14.51	11.59	41.25	2.38	31.63	23.51	14.51	6.82
56	gi|187828880|ref|NP_001120693.1|	58	72	11313	14.51	11.59	25.33	7.63	35.34	24.45	14.51	8.07
56	gi|187828880|ref|NP_001120693.1|	59	73	11314	16.71	16.71	28.53	7.94	36.7	27.05	11.09	8.06
56	gi|187828880|ref|NP_001120693.1|	66	80	11315	8.1	1.81	4.9	6.5	14.3	8.1	32.43	18.44
56	gi|187828880|ref|NP_001120693.1|	67	81	11316	5.85	0.81	5.85	5.82	13	3.98	37.02	18.44
56	gi|187828880|ref|NP_001120693.1|	68	82	11317	8.09	0.48	8.09	5.8	13.29	3.21	31.09	16.56
56	gi|187828880|ref|NP_001120693.1|	69	83	11318	12.68	0.47	12.68	5.8	13.59	4.09	29.46	16.56
56	gi|187828880|ref|NP_001120693.1|	70	84	11319	16.56	1.13	17.42	5.88	17.26	6.19	24.41	16.56
56	gi|187828880|ref|NP_001120693.1|	71	85	11320	16.56	2.5	17.78	13	22.8	12.53	18.54	16.56
56	gi|187828880|ref|NP_001120693.1|	72	86	11321	16.56	6.18	26.78	10.64	28.18	35.12	14.59	16.56
56	gi|187828880|ref|NP_001120693.1|	73	87	11322	13.96	6.18	2.44	13.96	7.39	33.45	16.65	15.91

Table 2

56	gi|187828880|ref|NP_001120693.1|	74	88	11323	10.81	6.18	2.99	10.81	7.77	12.18	15.05	15.91
56	gi|187828880|ref|NP_001120693.1|	75	89	11324	5.09	2.64	4.12	8.79	4.9	5.09	13.03	14.36
56	gi|187828880|ref|NP_001120693.1|	76	90	11325	5.45	1.48	5.45	8.95	4.73	2.76	13.4	10.94
56	gi|187828880|ref|NP_001120693.1|	77	91	11326	8.11	1.14	8.11	12.94	5.15	2.49	28.45	12.98
56	gi|187828880|ref|NP_001120693.1|	78	92	11327	10.7	1.56	10.7	17.43	5.76	2.88	58.54	15.49
56	gi|187828880|ref|NP_001120693.1|	79	93	11328	14.93	3.18	14.93	27.28	8.63	6.45	77.17	15.91
56	gi|187828880|ref|NP_001120693.1|	80	94	11329	14.12	6.14	28.91	5.55	14.12	14.6	42.54	3.44
56	gi|187828880|ref|NP_001120693.1|	95	109	11330	16.31	69.86	16.31	13.25	18.78	67.6	15.7	2.52
56	gi|187828880|ref|NP_001120693.1|	96	110	11331	4.14	50.68	4.14	2.42	2.3	56.42	15.37	2.05
56	gi|187828880|ref|NP_001120693.1|	97	111	11332	4.14	7.5	4.14	2.4	2.12	50.08	15.64	2.04
56	gi|187828880|ref|NP_001120693.1|	98	112	11333	4.14	7.14	4.14	2.48	2.09	49.42	4.85	1.98
56	gi|187828880|ref|NP_001120693.1|	99	113	11334	3.86	6.64	3.86	2.14	2.71	37.77	4.85	1.9
56	gi|187828880|ref|NP_001120693.1|	100	114	11335	4.14	6.35	4.14	2.14	2.68	33.09	4.85	1.84
56	gi|187828880|ref|NP_001120693.1|	101	115	11336	4.85	5.4	4.14	2.54	4.93	30.44	4.85	2.12
56	gi|187828880|ref|NP_001120693.1|	102	116	11337	3.31	3.31	4.14	2.32	0.44	28.29	4.85	2.13
56	gi|187828880|ref|NP_001120693.1|	103	117	11338	4.85	4.29	10.86	4.8	16.96	27.88	4.85	4.01
56	gi|187828880|ref|NP_001120693.1|	104	118	11339	7.51	5.69	13.07	7.51	14.96	32.43	4.85	6.39
56	gi|187828880|ref|NP_001120693.1|	105	119	11340	13.07	5.69	13.07	9.17	13.79	42.46	23.66	6.51
56	gi|187828880|ref|NP_001120693.1|	107	121	11341	8.78	5.69	21.88	8.78	19.48	37.57	5.17	4.17
56	gi|187828880|ref|NP_001120693.1|	108	122	11342	8.83	5.69	24.91	8.83	21.3	37.99	5.17	4.38
56	gi|187828880|ref|NP_001120693.1|	109	123	11343	8.7	7.72	29.72	8.7	23.46	41.71	5.17	4.44
56	gi|187828880|ref|NP_001120693.1|	110	124	11344	7.59	5.75	35.68	7.59	22.99	44.2	4.96	4.53
56	gi|187828880|ref|NP_001120693.1|	111	125	11345	9.56	7.23	38.58	9.56	23.46	48.21	4.08	4.67
56	gi|187828880|ref|NP_001120693.1|	112	126	11346	13.57	9.27	46.3	13.57	23.46	54.98	3.64	12.69
56	gi|187828880|ref|NP_001120693.1|	138	152	11347	9.83	16.14	2.07	8.28	9.83	18.51	44.34	1.19
56	gi|187828880|ref|NP_001120693.1|	139	153	11348	9.05	15.33	1.64	5.81	9.98	9.05	37.83	1.23
56	gi|187828880|ref|NP_001120693.1|	140	154	11349	5.34	11.02	2.05	4.8	11.13	5.34	30.47	1.21
56	gi|187828880|ref|NP_001120693.1|	141	155	11350	4.8	10.92	2.09	4.8	11.57	4.19	25.13	2.28
56	gi|187828880|ref|NP_001120693.1|	142	156	11351	8.01	11.02	3.22	8.01	16.75	5.34	38.69	2.68
56	gi|187828880|ref|NP_001120693.1|	143	157	11352	8.44	15.27	3.41	8.01	24.64	8.44	42.92	2.68
56	gi|187828880|ref|NP_001120693.1|	144	158	11353	15.89	15.89	5.27	3.63	32.83	22.92	31.9	2.68
56	gi|187828880|ref|NP_001120693.1|	145	159	11354	4.79	22.4	12.46	3.31	1.96	38.22	4.79	4.24
56	gi|187828880|ref|NP_001120693.1|	146	160	11355	4.18	21.11	12.46	3.16	1.99	52.78	4.18	4.08
56	gi|187828880|ref|NP_001120693.1|	147	161	11356	4.21	18.37	12.46	2.54	2	31.28	4.21	2.44
56	gi|187828880|ref|NP_001120693.1|	148	162	11357	6.74	20	13.51	2.66	2.14	24.76	6.74	2.44
56	gi|187828880|ref|NP_001120693.1|	149	163	11358	11.92	19.98	13.79	2.64	2.31	22.73	11.92	2.44
56	gi|187828880|ref|NP_001120693.1|	150	164	11359	17.9	28.39	25.23	2.68	7.49	22.73	17.9	2.44
56	gi|187828880|ref|NP_001120693.1|	151	165	11360	2.44	29.89	0.88	1.88	0.76	14.44	28.07	2.44
56	gi|187828880|ref|NP_001120693.1|	152	166	11361	7	32.74	1.17	1.88	30.67	7	28.15	2.44
56	gi|187828880|ref|NP_001120693.1|	153	167	11362	5.94	31.87	1.78	4.71	30.67	5.94	29	2.44
56	gi|187828880|ref|NP_001120693.1|	154	168	11363	6.3	34.93	1.88	6.3	38.77	6.14	62.75	5.3
56	gi|187828880|ref|NP_001120693.1|	155	169	11364	6.9	36.21	1.88	6.54	48.51	6.3	59.52	6.9
56	gi|187828880|ref|NP_001120693.1|	156	170	11365	10.14	46.16	1.88	7.95	57.11	9.92	74.9	10.14
56	gi|187828880|ref|NP_001120693.1|	157	171	11366	17.19	64.27	1.88	8.22	64.76	17.19	71.87	12.23
56	gi|187828880|ref|NP_001120693.1|	168	182	11367	10.24	4.7	10.24	6.49	15.22	66.72	28.9	0.52
56	gi|187828880|ref|NP_001120693.1|	169	183	11368	10.24	4.7	10.24	2.05	17.34	62.59	22.49	0.5
56	gi|187828880|ref|NP_001120693.1|	170	184	11369	10.24	4.37	10.24	2.03	19.2	64	22.49	0.5
56	gi|187828880|ref|NP_001120693.1|	171	185	11370	10.24	4.37	10.24	1.88	21.49	63.17	22.49	0.48

Table 2

56	gi|187828880|ref|NP_001120693.1|	172	186	11371	10.24	4.37	10.24	1.55	30.99	62.61	22.49	0.48
56	gi|187828880|ref|NP_001120693.1|	173	187	11372	10.24	4.37	10.24	2.21	40.62	65.94	22.49	1.59
56	gi|187828880|ref|NP_001120693.1|	174	188	11373	10.24	4.37	10.24	4.19	49.85	73.14	22.49	1.59
56	gi|187828880|ref|NP_001120693.1|	175	189	11374	9.21	4.37	9.21	4.98	28.48	71.08	22.49	4.78
56	gi|187828880|ref|NP_001120693.1|	176	190	11375	10.6	4.37	10.6	8.18	25.58	71.08	28.76	5.79
56	gi|187828880|ref|NP_001120693.1|	177	191	11376	18.35	6.71	9.54	18.35	23.41	67.55	28.76	13.11
56	gi|187828880|ref|NP_001120693.1|	185	199	11377	3.66	1.54	1.59	2.61	21.44	3.66	21.35	6.6
56	gi|187828880|ref|NP_001120693.1|	186	200	11378	2.61	2.57	1.1	2.61	21.89	0.81	12.24	6.6
56	gi|187828880|ref|NP_001120693.1|	187	201	11379	2.63	2.63	1.43	2.61	29.59	0.37	6.52	6.6
56	gi|187828880|ref|NP_001120693.1|	188	202	11380	2.61	1.99	1.61	2.61	37.69	0.27	3.16	6.6
56	gi|187828880|ref|NP_001120693.1|	189	203	11381	1.99	1.99	1.61	2.61	37.97	0.17	1.88	6.6
56	gi|187828880|ref|NP_001120693.1|	190	204	11382	1.99	1.99	1.61	4.25	37.97	0.24	1.45	6.6
56	gi|187828880|ref|NP_001120693.1|	191	205	11383	1.38	1.97	1.38	1.81	37.97	0.17	0.59	0.49
56	gi|187828880|ref|NP_001120693.1|	192	206	11384	1.61	1.97	1.61	2.32	54.96	0.17	0.55	0.47
56	gi|187828880|ref|NP_001120693.1|	193	207	11385	1.97	1.97	2.39	1.99	58.41	0.37	0.52	0.46
56	gi|187828880|ref|NP_001120693.1|	194	208	11386	1.97	1.97	3.52	2.25	59.54	0.69	0.47	0.48
56	gi|187828880|ref|NP_001120693.1|	195	209	11387	1.97	1.97	6.09	2.5	59.86	1.51	0.83	0.51
56	gi|187828880|ref|NP_001120693.1|	196	210	11388	4.2	2.21	9.53	6.3	64.95	4.2	0.88	2.02
56	gi|187828880|ref|NP_001120693.1|	197	211	11389	2.3	2.21	4.85	2.3	64.9	12.84	0.73	1.74
56	gi|187828880|ref|NP_001120693.1|	198	212	11390	7.51	9.16	7.51	2.56	62.72	14.55	1.71	3.83
56	gi|187828880|ref|NP_001120693.1|	199	213	11391	2.87	2.05	7.36	2.62	66.26	7.86	1.69	2.87
56	gi|187828880|ref|NP_001120693.1|	200	214	11392	2.51	2.04	3.23	1.54	63.38	3.6	1.84	2.51
56	gi|187828880|ref|NP_001120693.1|	201	215	11393	2.41	2.41	3.51	1.57	63.69	2.07	1.86	2.56
56	gi|187828880|ref|NP_001120693.1|	202	216	11394	2.99	2.41	3.55	2.99	66.28	1.8	1.83	3.76
56	gi|187828880|ref|NP_001120693.1|	203	217	11395	2.92	2.41	4.94	2.92	67.74	2.23	2.52	3.25
56	gi|187828880|ref|NP_001120693.1|	204	218	11396	5.67	4.87	9.28	4.86	71.14	5.23	5.67	11.11
56	gi|187828880|ref|NP_001120693.1|	205	219	11397	11.11	4.89	10.55	13.51	72.33	19.72	5.67	11.11
56	gi|187828880|ref|NP_001120693.1|	206	220	11398	9.97	4.35	12.9	9.6	70.57	32.19	1.73	9.97
56	gi|187828880|ref|NP_001120693.1|	207	221	11399	8.42	6.22	21.36	7.93	72.01	28.18	1.72	8.42
56	gi|187828880|ref|NP_001120693.1|	208	222	11400	5.8	2.96	24.23	3.96	68.09	20.98	2.45	5.8
56	gi|187828880|ref|NP_001120693.1|	209	223	11401	3.59	1.24	16.6	3.51	61.28	15.92	2.13	3.59
56	gi|187828880|ref|NP_001120693.1|	210	224	11402	2.13	1.15	1.5	2.13	58.83	10.7	1.33	2.49
56	gi|187828880|ref|NP_001120693.1|	211	225	11403	2.21	1.29	2.05	2.21	4.63	9.91	1.32	3.21
56	gi|187828880|ref|NP_001120693.1|	212	226	11404	3.16	1.22	1.67	3.16	4.63	9.25	1.14	4.17
56	gi|187828880|ref|NP_001120693.1|	213	227	11405	2.75	1.01	1.48	2.75	4.63	8.5	0.61	4.42
56	gi|187828880|ref|NP_001120693.1|	214	228	11406	2.2	1.01	2.2	3.33	4.63	6.27	0.45	1.27
56	gi|187828880|ref|NP_001120693.1|	215	229	11407	3.04	1.28	3.04	7.16	4.63	4.5	0.56	1.27
56	gi|187828880|ref|NP_001120693.1|	216	230	11408	4.63	1.28	4.96	8.04	4.63	5.29	0.59	1.27
56	gi|187828880|ref|NP_001120693.1|	217	231	11409	4.7	4.7	19.68	7.14	4.63	5.95	0.58	1.27
56	gi|187828880|ref|NP_001120693.1|	218	232	11410	6.72	4.7	19.68	6.72	28.54	10.09	0.21	1.27
56	gi|187828880|ref|NP_001120693.1|	219	233	11411	5.82	4.7	19.68	5.82	28.54	20.18	0.22	3.71
56	gi|187828880|ref|NP_001120693.1|	220	234	11412	4.02	3.99	24.21	4.02	53.14	38.99	1.73	3.59
56	gi|187828880|ref|NP_001120693.1|	221	235	11413	8.63	2.86	31.2	3.82	31.23	53.55	2.22	8.63
56	gi|187828880|ref|NP_001120693.1|	222	236	11414	10.86	2.85	32.16	5.01	29.28	63.1	2.86	10.86
56	gi|187828880|ref|NP_001120693.1|	223	237	11415	5.21	2.76	28.3	4.35	5.21	66.31	2.86	10.46
56	gi|187828880|ref|NP_001120693.1|	224	238	11416	5.35	3.01	9.21	5.35	5.21	72.97	2.86	12.45
56	gi|187828880|ref|NP_001120693.1|	225	239	11417	2.46	1.32	2.46	0.11	5.21	80.61	4.45	2.05
56	gi|187828880|ref|NP_001120693.1|	226	240	11418	2.46	1.45	2.46	0.09	5.21	85.95	4.45	2.05

Table 2

56	gi|187828880|ref|NP_001120693.1|	227	241	11419	2.46	1.45	2.46	0.08	5.21	85.67	4.45	2.05
56	gi|187828880|ref|NP_001120693.1|	228	242	11420	1.16	4.01	0.18	0.07	0.2	82.81	4.45	1.16
56	gi|187828880|ref|NP_001120693.1|	229	243	11421	0.91	4.01	0.18	0.07	0.18	79.22	0.91	1.16
56	gi|187828880|ref|NP_001120693.1|	230	244	11422	1.42	5.27	0.5	0.42	0.26	80.39	1.42	2.15
56	gi|187828880|ref|NP_001120693.1|	231	245	11423	0.59	5.57	0.59	0.34	0.38	80.2	0.58	2.08
56	gi|187828880|ref|NP_001120693.1|	232	246	11424	1.34	4.04	1.34	0.95	0.43	77.08	0.59	2.75
56	gi|187828880|ref|NP_001120693.1|	233	247	11425	1.75	4.31	1.75	1.02	1.11	72.6	0.54	3.49
56	gi|187828880|ref|NP_001120693.1|	234	248	11426	1.81	4.31	1.81	0.99	0.74	69.52	0.71	3.97
56	gi|187828880|ref|NP_001120693.1|	235	249	11427	4.31	4.31	2.03	1.1	10.91	69.24	0.72	4.74
56	gi|187828880|ref|NP_001120693.1|	236	250	11428	4.31	4.31	2.42	3.04	10.91	67.16	4.04	5.44
56	gi|187828880|ref|NP_001120693.1|	237	251	11429	5.16	7.35	2.59	3.39	10.91	57.93	4.04	5.16
56	gi|187828880|ref|NP_001120693.1|	294	308	11430	18.2	18.2	54.97	8.57	6.34	29.76	39.21	17.18
56	gi|187828880|ref|NP_001120693.1|	295	309	11431	14.01	14.48	14.01	7.41	6.34	24.82	33.73	12.86
56	gi|187828880|ref|NP_001120693.1|	296	310	11432	14.01	16.36	14.01	6.15	6.34	25.89	41.22	12.86
56	gi|187828880|ref|NP_001120693.1|	297	311	11433	14.01	22.89	14.01	9.76	6.34	30.68	47.33	12.86
56	gi|187828880|ref|NP_001120693.1|	298	312	11434	9.43	3.6	14.01	8.03	6.34	44.14	37.93	9.43
56	gi|187828880|ref|NP_001120693.1|	299	313	11435	14.01	4.56	14.01	8.81	22.03	63.39	37.93	8.93
56	gi|187828880|ref|NP_001120693.1|	300	314	11436	9.59	4.59	9.71	9.43	28.08	76.52	9.59	8.45
56	gi|187828880|ref|NP_001120693.1|	301	315	11437	9.71	4.36	9.71	11.87	27.35	75.28	8.18	8.44
56	gi|187828880|ref|NP_001120693.1|	302	316	11438	9.71	4.39	9.71	16.63	28.08	77.47	9.34	8.91
56	gi|187828880|ref|NP_001120693.1|	303	317	11439	11.24	11.24	9.71	14.38	28.08	77.89	6.31	9.86
56	gi|187828880|ref|NP_001120693.1|	304	318	11440	11.91	11.91	11.13	20.72	28.08	79.68	6.07	11.75
56	gi|187828880|ref|NP_001120693.1|	309	323	11441	17.02	15.17	40.05	31.11	3.26	68.55	12.97	17.02
56	gi|187828880|ref|NP_001120693.1|	310	324	11442	17.31	12.9	41.52	29.47	2.97	66.44	12.84	17.31
56	gi|187828880|ref|NP_001120693.1|	331	345	11443	9.71	12.33	9.71	1.77	0.29	73.08	44.76	1.4
56	gi|187828880|ref|NP_001120693.1|	332	346	11444	5.32	5.32	9.71	1.06	0.68	68.73	44.76	1.16
56	gi|187828880|ref|NP_001120693.1|	333	347	11445	5.68	5.68	9.71	1.1	0.73	68.62	44.76	1.17
56	gi|187828880|ref|NP_001120693.1|	334	348	11446	5.67	5.67	9.71	1.12	0.98	68.03	40.49	1.16
56	gi|187828880|ref|NP_001120693.1|	335	349	11447	5.63	5.63	9.71	1.15	0.67	66.8	40.49	1.16
56	gi|187828880|ref|NP_001120693.1|	336	350	11448	9.71	16.2	9.71	2.4	1.07	66.96	40.49	2.71
56	gi|187828880|ref|NP_001120693.1|	337	351	11449	10.87	10.87	9.71	0.16	36.82	66.08	37.91	0.59
56	gi|187828880|ref|NP_001120693.1|	338	352	11450	9.56	7.31	28.3	0.27	33.93	64.45	9.56	0.57
56	gi|187828880|ref|NP_001120693.1|	339	353	11451	9.56	2.58	36.71	0.27	32.2	63.1	9.56	0.57
56	gi|187828880|ref|NP_001120693.1|	340	354	11452	9.56	2.43	13.24	0.16	30.42	62.65	9.56	0.51
56	gi|187828880|ref|NP_001120693.1|	341	355	11453	9.56	2.33	14.57	0.16	31.95	62.4	9.56	0.53
56	gi|187828880|ref|NP_001120693.1|	342	356	11454	9.56	2.29	14.67	0.42	30.64	66.92	9.56	2.01
56	gi|187828880|ref|NP_001120693.1|	343	357	11455	9.56	2.36	21.95	0.41	30.64	70.43	9.56	1.92
56	gi|187828880|ref|NP_001120693.1|	344	358	11456	9.56	2.71	26.13	3.63	17.27	55.98	9.56	4.34
56	gi|187828880|ref|NP_001120693.1|	345	359	11457	18.13	2.71	31.89	4.23	18.13	45.63	40.09	4.01
56	gi|187828880|ref|NP_001120693.1|	367	381	11458	17.13	12.35	42.98	17.13	31.91	16.95	37.78	2.63
56	gi|187828880|ref|NP_001120693.1|	368	382	11459	17.49	17.49	46.92	17.13	41.06	15.67	22.82	2.6
56	gi|187828880|ref|NP_001120693.1|	370	384	11460	16.34	15.15	42.98	21.36	63.79	16.34	1.78	2.63
56	gi|187828880|ref|NP_001120693.1|	371	385	11461	13.92	10.92	42.98	18.14	51.89	13.92	0.1	3.84
56	gi|187828880|ref|NP_001120693.1|	372	386	11462	14.15	10.92	42.98	23.37	51.89	14.15	0.1	5.05
56	gi|187828880|ref|NP_001120693.1|	373	387	11463	14.51	3.01	42.98	24.06	51.89	14.51	0.1	2.25
56	gi|187828880|ref|NP_001120693.1|	416	430	11464	14.81	11.2	11.03	44.01	75.22	14.81	27.85	5.77
56	gi|187828880|ref|NP_001120693.1|	417	431	11465	12.13	11.05	11.03	36.78	75.22	12.13	23.99	5.66
56	gi|187828880|ref|NP_001120693.1|	418	432	11466	15.72	11.41	11.03	37.03	75.22	15.72	21.88	8.99

Table 2

56	gi|187828880|ref|NP_001120693.1|	419	433	11467	14.21	10.33	11.03	36.37	75.22	14.21	27.85	8.85
56	gi|187828880|ref|NP_001120693.1|	420	434	11468	5.58	3.31	3.12	19.79	72.67	8.29	1.2	5.58
56	gi|187828880|ref|NP_001120693.1|	421	435	11469	6.74	3.31	4.52	20.01	72.67	7.18	1.19	6.74
56	gi|187828880|ref|NP_001120693.1|	422	436	11470	8.93	5.83	6.62	21.85	72.67	8.93	1.27	22.78
56	gi|187828880|ref|NP_001120693.1|	423	437	11471	10.49	4.42	10.3	22.64	72.34	10.49	1.26	22.78
56	gi|187828880|ref|NP_001120693.1|	424	438	11472	16.89	7.12	15.91	24.09	72.67	16.89	1.35	22.78
56	gi|187828880|ref|NP_001120693.1|	452	466	11473	12.23	7.68	1.54	17.13	75.22	9.62	28.12	12.23
56	gi|187828880|ref|NP_001120693.1|	453	467	11474	17.13	12.75	1.54	17.13	75.22	22.44	25.82	12.23
56	gi|187828880|ref|NP_001120693.1|	454	468	11475	19.73	12.57	5.27	19.07	69.56	37.89	21.09	19.73
56	gi|187828880|ref|NP_001120693.1|	455	469	11476	17.13	8.94	5.23	17.13	14.04	34.28	19.49	19.73
56	gi|187828880|ref|NP_001120693.1|	466	480	11477	12.61	9.29	14.22	29.18	12.61	6.09	30.66	5.79
56	gi|187828880|ref|NP_001120693.1|	467	481	11478	12.61	8.75	25.2	29.18	12.61	7.37	21.73	5.79
56	gi|187828880|ref|NP_001120693.1|	468	482	11479	12.68	12.68	27.29	29.18	12.61	10.98	21.66	5.79
56	gi|187828880|ref|NP_001120693.1|	469	483	11480	15.61	18.18	37.04	14.71	12.61	15.61	15.98	5.79
56	gi|187828880|ref|NP_001120693.1|	470	484	11481	11.63	5.12	13.38	2.21	12.61	9.05	11.63	13.08
56	gi|187828880|ref|NP_001120693.1|	471	485	11482	11.55	13.6	13.38	1.8	12.61	6.07	11.36	11.55
56	gi|187828880|ref|NP_001120693.1|	472	486	11483	11.08	13.14	13.38	1.6	12.61	4.93	8.84	11.08
56	gi|187828880|ref|NP_001120693.1|	473	487	11484	8.83	12.92	14.99	2.05	28.38	4.74	8.83	7.23
56	gi|187828880|ref|NP_001120693.1|	474	488	11485	4.2	5.32	14.99	2.23	4.2	3.36	2.04	4.36
56	gi|187828880|ref|NP_001120693.1|	475	489	11486	4.2	5.88	13.38	3.37	4.2	2.58	1.47	4.45
56	gi|187828880|ref|NP_001120693.1|	476	490	11487	4.2	5.92	13.38	3.48	4.2	2.58	1.46	4.59
56	gi|187828880|ref|NP_001120693.1|	477	491	11488	3.83	5.9	7.93	3.83	4.2	2.65	1.64	3.27
56	gi|187828880|ref|NP_001120693.1|	478	492	11489	4.2	6.07	11.19	3.98	4.2	4.65	1.71	3.86
56	gi|187828880|ref|NP_001120693.1|	479	493	11490	4.78	14.97	11.03	3.69	4.2	7.29	3.5	4.78
56	gi|187828880|ref|NP_001120693.1|	480	494	11491	4.77	15.26	10.59	3.08	4.2	14.59	4.54	4.77
56	gi|187828880|ref|NP_001120693.1|	481	495	11492	9.26	33.92	13.38	5.52	7.12	29.17	9.26	5.29
56	gi|187828880|ref|NP_001120693.1|	482	496	11493	13.49	61.4	11.74	8.57	7.12	47.59	25.49	13.49
56	gi|187828880|ref|NP_001120693.1|	483	497	11494	10.88	15.89	0.51	9.83	7.12	51.17	18.25	10.88
56	gi|187828880|ref|NP_001120693.1|	484	498	11495	13.16	24.23	0.38	10.25	13.16	44.37	45.38	7.46
56	gi|187828880|ref|NP_001120693.1|	485	499	11496	13.26	21.57	0.35	10.25	13.26	39.19	43.25	7.46
56	gi|187828880|ref|NP_001120693.1|	486	500	11497	14.27	21.57	0.35	10.25	14.27	39.68	48.43	7.46
56	gi|187828880|ref|NP_001120693.1|	487	501	11498	14.24	14.24	0.34	3.53	18.43	37.9	53.64	7.03
56	gi|187828880|ref|NP_001120693.1|	488	502	11499	14.24	14.24	0.56	3.04	24.08	39.5	15.14	5.42
56	gi|187828880|ref|NP_001120693.1|	489	503	11500	13.81	14.24	7.23	5.56	30.93	48.37	13.81	5.42
56	gi|187828880|ref|NP_001120693.1|	490	504	11501	5.42	2.1	4.61	2.5	57.65	38.5	12.03	5.42
56	gi|187828880|ref|NP_001120693.1|	491	505	11502	6.64	4.88	6.64	2.56	35.22	29.97	11.43	5.42
56	gi|187828880|ref|NP_001120693.1|	492	506	11503	8.36	5.41	8.36	2.79	30.69	26.99	11.22	6.1
56	gi|187828880|ref|NP_001120693.1|	493	507	11504	9.67	8.47	9.67	2.68	27.33	26.71	12.24	5.84
56	gi|187828880|ref|NP_001120693.1|	494	508	11505	14.26	10.38	14.26	2.83	26.61	28.7	15.68	6.21
56	gi|187828880|ref|NP_001120693.1|	495	509	11506	19.11	16.71	19.11	8.08	31.2	36.4	33.07	13.49
56	gi|187828880|ref|NP_001120693.1|	512	526	11507	5.24	3.98	30.69	3.49	1.31	50.19	51.73	5.24
56	gi|187828880|ref|NP_001120693.1|	513	527	11508	6.47	6.47	30.69	3.21	2.35	54.28	42.88	4.63
56	gi|187828880|ref|NP_001120693.1|	514	528	11509	6.74	6.74	30.69	3.33	4.08	63.45	42.88	4.55
56	gi|187828880|ref|NP_001120693.1|	515	529	11510	15.77	15.77	30.69	2.95	4.46	67.9	42.88	4.34
56	gi|187828880|ref|NP_001120693.1|	516	530	11511	15.77	15.77	30.69	3.8	4.46	67.24	42.88	4.34
56	gi|187828880|ref|NP_001120693.1|	517	531	11512	16.89	16.89	30.69	6.76	4.46	70.03	42.88	8.76
56	gi|187828880|ref|NP_001120693.1|	518	532	11513	14.15	27.42	30.69	2.81	4.46	71.49	14.15	4.11
56	gi|187828880|ref|NP_001120693.1|	519	533	11514	19.19	19.19	53.95	3.33	27.19	76.1	14.23	5

Table 2

56	gi|187828880|ref|NP_001120693.1|	520	534	11515	19.17	19.17	43.8	4.42	32.16	76.72	13.98	4.13
56	gi|187828880|ref|NP_001120693.1|	521	535	11516	10.18	6.8	10.18	2.37	42.55	69.07	13.98	3.15
56	gi|187828880|ref|NP_001120693.1|	522	536	11517	11.43	6.44	11.43	2.37	18.51	64.42	13.98	3.08
56	gi|187828880|ref|NP_001120693.1|	523	537	11518	13.98	5	15.94	2.37	18.51	43.2	13.98	3.81
56	gi|187828880|ref|NP_001120693.1|	524	538	11519	13.98	3.67	19.54	2.37	17.46	32.2	13.98	2.94
56	gi|187828880|ref|NP_001120693.1|	525	539	11520	13.77	5.24	25.19	2.37	13.77	26.57	17.22	3.34
56	gi|187828880|ref|NP_001120693.1|	526	540	11521	13.77	5.24	32.16	4.79	13.77	28.02	14.18	4.81
56	gi|187828880|ref|NP_001120693.1|	527	541	11522	12.09	5.24	32.16	3.38	13.77	28.96	12.09	4.76
56	gi|187828880|ref|NP_001120693.1|	528	542	11523	13.77	5.24	32.16	9.17	13.77	33.09	19.64	7.3
56	gi|187828880|ref|NP_001120693.1|	529	543	11524	13.77	7.75	25.74	2.61	13.77	34.18	19.64	1.16
56	gi|187828880|ref|NP_001120693.1|	530	544	11525	13.77	8.82	30.04	1.2	13.77	28.21	21	1.69
56	gi|187828880|ref|NP_001120693.1|	531	545	11526	15.74	15.74	34.59	1.21	13.77	26.53	21	1.69
56	gi|187828880|ref|NP_001120693.1|	532	546	11527	17.86	15.52	28.31	1.48	22.15	17.86	21	1.69
56	gi|187828880|ref|NP_001120693.1|	533	547	11528	10.35	9.43	29.98	1.48	22.15	10.35	21	1.69
56	gi|187828880|ref|NP_001120693.1|	534	548	11529	10.95	10.95	30.26	4.19	22.15	8.72	21	1.69
56	gi|187828880|ref|NP_001120693.1|	535	549	11530	13.19	13.19	35.33	5.48	22.07	9.92	21	1.69
56	gi|187828880|ref|NP_001120693.1|	536	550	11531	17.52	13.54	47.58	16.35	22.56	13.81	43.11	17.52
56	gi|187828880|ref|NP_001120693.1|	541	555	11532	19.5	19.5	12.63	36.9	4.36	39.12	60.34	10.53
56	gi|187828880|ref|NP_001120693.1|	542	556	11533	19.5	19.5	12.71	38.02	4.28	37.75	60.34	10.53
56	gi|187828880|ref|NP_001120693.1|	544	558	11534	19.64	19.64	13.27	49.47	5.84	39.78	63	10.61
56	gi|187828880|ref|NP_001120693.1|	565	579	11535	11.71	11.71	7.67	8.28	45.27	30.08	50.62	1.71
56	gi|187828880|ref|NP_001120693.1|	566	580	11536	12.67	12.67	8.6	8.88	44.36	24.17	47.6	1.71
56	gi|187828880|ref|NP_001120693.1|	571	585	11537	17.62	5.66	14.41	18.51	17.62	41.52	53	5.12
56	gi|187828880|ref|NP_001120693.1|	572	586	11538	18.65	13.66	17.78	29.49	18.65	22.5	41.55	2.63
56	gi|187828880|ref|NP_001120693.1|	573	587	11539	3.65	9.31	0.25	3.39	18.58	3.65	4.94	1.54
56	gi|187828880|ref|NP_001120693.1|	574	588	11540	2.81	5.27	0.24	3.39	18.96	1.32	2.81	1.54
56	gi|187828880|ref|NP_001120693.1|	575	589	11541	0.88	0.23	0.4	0.88	28.69	0.37	1.76	1.54
56	gi|187828880|ref|NP_001120693.1|	576	590	11542	0.51	0.09	0.38	0.51	36.26	0.09	0.58	1.54
56	gi|187828880|ref|NP_001120693.1|	577	591	11543	0.45	0.05	0.59	0.45	38.14	0.08	0.34	1.54
56	gi|187828880|ref|NP_001120693.1|	578	592	11544	0.31	0.05	1.02	0.31	41.82	0.08	0.24	1.62
56	gi|187828880|ref|NP_001120693.1|	579	593	11545	0.36	0.22	1.2	0.36	18.32	0.12	0.19	2.24
56	gi|187828880|ref|NP_001120693.1|	580	594	11546	0.76	0.36	4.5	0.76	18.32	0.39	0.2	2.24
56	gi|187828880|ref|NP_001120693.1|	581	595	11547	0.91	0.36	6.47	0.56	18.32	0.91	0.26	1.87
56	gi|187828880|ref|NP_001120693.1|	582	596	11548	2.19	4.27	3.43	0.57	18.32	2.19	0.49	1.87
56	gi|187828880|ref|NP_001120693.1|	583	597	11549	2.74	4.45	5.81	0.62	18.32	2.74	1.88	1.87
56	gi|187828880|ref|NP_001120693.1|	584	598	11550	4.09	5.11	5.17	0.78	18.32	4.09	2.53	1.87
56	gi|187828880|ref|NP_001120693.1|	585	599	11551	4.07	5.11	4.07	1.1	18.32	5.09	3.38	1.87
56	gi|187828880|ref|NP_001120693.1|	586	600	11552	5.84	5.84	5.17	1.6	25.58	6.01	10.17	1.87
56	gi|187828880|ref|NP_001120693.1|	587	601	11553	5.17	1.76	5.17	1.6	26.42	5.84	10.17	1.87
56	gi|187828880|ref|NP_001120693.1|	588	602	11554	5.17	1.75	5.17	2.04	26.41	6.99	10.17	2.92
56	gi|187828880|ref|NP_001120693.1|	589	603	11555	6.73	6.66	5.17	7.67	35.32	6.73	23.78	4.01
56	gi|187828880|ref|NP_001120693.1|	590	604	11556	5.88	6.66	5.17	5.88	14.47	2.27	19.85	4.01
56	gi|187828880|ref|NP_001120693.1|	591	605	11557	4.01	8.08	1.59	3.29	12.73	0.94	10.17	4.01
56	gi|187828880|ref|NP_001120693.1|	592	606	11558	6.21	8.36	2.84	3.25	12.46	0.63	36.32	6.21
56	gi|187828880|ref|NP_001120693.1|	593	607	11559	4.88	7.06	3.29	4.68	11.71	0.52	36.39	4.88
56	gi|187828880|ref|NP_001120693.1|	594	608	11560	2.55	1	2.55	2.03	16.29	0.62	11.32	3.73
56	gi|187828880|ref|NP_001120693.1|	595	609	11561	2.55	1.89	2.55	2.32	21.87	1	6.05	3.73
56	gi|187828880|ref|NP_001120693.1|	596	610	11562	4.37	1.94	2.55	6.62	29.14	4.09	4.78	4.37

Table 2

56	gi|187828880|ref|NP_001120693.1|	597	611	11563	4.13	1.13	2.55	5.27	30.82	13.24	4.1	4.13
56	gi|187828880|ref|NP_001120693.1|	598	612	11564	4.29	1.05	2.55	5.07	31.27	6.3	4.29	1.54
56	gi|187828880|ref|NP_001120693.1|	599	613	11565	3.31	1.06	3.31	3.26	30.93	3.56	3.73	1.41
56	gi|187828880|ref|NP_001120693.1|	600	614	11566	3.04	1	3.84	3.04	28.7	2.42	3.55	0.75
56	gi|187828880|ref|NP_001120693.1|	601	615	11567	2.84	0.46	12.3	2.84	36.26	1.43	7.13	0.42
56	gi|187828880|ref|NP_001120693.1|	602	616	11568	1.68	0.46	11.84	1.59	40.12	1.68	7.78	0.75
56	gi|187828880|ref|NP_001120693.1|	603	617	11569	1.7	0.46	10.78	1.59	37.86	1.7	5.6	1.13
56	gi|187828880|ref|NP_001120693.1|	604	618	11570	2.6	0.76	9.74	1.59	42	2.6	5.18	1.52
56	gi|187828880|ref|NP_001120693.1|	605	619	11571	1.69	0.76	1.59	1.26	35.24	3.28	4.85	1.69
56	gi|187828880|ref|NP_001120693.1|	606	620	11572	1.93	1.02	1.93	1.26	32.13	3.85	7.8	1.69
56	gi|187828880|ref|NP_001120693.1|	607	621	11573	2.44	0.97	2.44	1.26	29.48	5.79	9.23	1.69
56	gi|187828880|ref|NP_001120693.1|	608	622	11574	4.63	3.31	4.63	1.26	28.24	12.54	6.32	1.69
56	gi|187828880|ref|NP_001120693.1|	609	623	11575	6.32	3.31	6.38	1.52	30.91	21.99	6.32	1.87
56	gi|187828880|ref|NP_001120693.1|	610	624	11576	6.32	3.31	9.04	2.44	30.01	34.21	6.32	1.87
56	gi|187828880|ref|NP_001120693.1|	611	625	11577	6.32	3.31	12.2	1.67	30.01	71.55	6.32	1.87
56	gi|187828880|ref|NP_001120693.1|	612	626	11578	5.05	3.31	18.53	1.39	15.72	83.99	4.28	5.05
56	gi|187828880|ref|NP_001120693.1|	613	627	11579	5.64	4.15	13.69	0.69	15.72	85.52	4.28	5.64
56	gi|187828880|ref|NP_001120693.1|	614	628	11580	6.2	4.95	13.69	0.69	15.72	86.43	4.28	6.2
56	gi|187828880|ref|NP_001120693.1|	615	629	11581	9.29	9.29	13.69	0.7	15.72	86.23	4.28	6.76
56	gi|187828880|ref|NP_001120693.1|	616	630	11582	4.28	8.09	0.37	0.52	11.64	81.73	4.28	1.05
56	gi|187828880|ref|NP_001120693.1|	617	631	11583	4.28	7.37	0.33	0.59	11.64	78.15	4.28	0.98
56	gi|187828880|ref|NP_001120693.1|	618	632	11584	4.28	4.35	0.26	1.01	11.64	73.98	4.28	0.3
56	gi|187828880|ref|NP_001120693.1|	619	633	11585	4.27	4.27	0.23	1.01	11.64	68.37	14.77	0.3
56	gi|187828880|ref|NP_001120693.1|	620	634	11586	4.43	4.43	0.24	1.29	11.64	63.12	14.77	0.3
56	gi|187828880|ref|NP_001120693.1|	621	635	11587	4.27	4.27	0.46	2.28	11.64	56.14	14.77	0.3
56	gi|187828880|ref|NP_001120693.1|	622	636	11588	4.4	4.4	0.49	1.93	11.64	50.42	5.92	0.3
56	gi|187828880|ref|NP_001120693.1|	623	637	11589	3.98	9.08	1.54	3.56	15.43	54.69	3.98	0.86
56	gi|187828880|ref|NP_001120693.1|	624	638	11590	9.87	9.87	24.69	3.89	17.05	61.71	3.56	0.86
56	gi|187828880|ref|NP_001120693.1|	625	639	11591	18.11	19.81	24.69	4.41	18.11	65.42	3.06	5.12
56	gi|187828880|ref|NP_001120693.1|	648	662	11592	19.99	29.6	19.93	19.99	8.54	32.38	60.34	16.57
56	gi|187828880|ref|NP_001120693.1|	651	665	11593	16.57	29.6	6.09	23.62	0.23	64.81	6.92	16.57
56	gi|187828880|ref|NP_001120693.1|	652	666	11594	10.4	15.15	9.9	13.67	0.25	77.45	1.81	10.4
56	gi|187828880|ref|NP_001120693.1|	653	667	11595	12.41	14.41	11.82	12.41	1.64	78.91	1.37	13.5
56	gi|187828880|ref|NP_001120693.1|	654	668	11596	12.6	14.41	12.05	12.6	1.68	85.22	1.36	13.57
56	gi|187828880|ref|NP_001120693.1|	655	669	11597	13.42	8.98	13.42	14.04	11.51	83.21	1.38	14.96
56	gi|187828880|ref|NP_001120693.1|	656	670	11598	8.44	8.98	8.44	8.99	3.61	71.02	1.29	6.18
56	gi|187828880|ref|NP_001120693.1|	657	671	11599	18.39	18.39	26.94	14.4	39.73	64.84	5.83	6.18
56	gi|187828880|ref|NP_001120693.1|	683	697	11600	16.64	14.5	14.34	5.91	16.64	86.71	19.61	19.37
56	gi|187828880|ref|NP_001120693.1|	684	698	11601	15.34	9.34	14.34	4.46	16.64	87.69	19.61	15.34
56	gi|187828880|ref|NP_001120693.1|	685	699	11602	14.34	8.79	14.34	4.59	16.64	87.81	19.61	13.73
56	gi|187828880|ref|NP_001120693.1|	686	700	11603	14.34	8.27	14.34	4.72	16.64	88.45	19.61	11.4
56	gi|187828880|ref|NP_001120693.1|	687	701	11604	14.34	11.38	14.34	3.58	16.64	84.38	19.61	6.15
56	gi|187828880|ref|NP_001120693.1|	688	702	11605	11.93	11.68	14.34	3.67	33.91	81.24	11.93	3.43
56	gi|187828880|ref|NP_001120693.1|	689	703	11606	11.93	2.27	14.34	4.91	33.91	72	11.93	3.39
56	gi|187828880|ref|NP_001120693.1|	690	704	11607	11.93	2.24	35.29	4.06	33.91	63.86	11.93	3.22
56	gi|187828880|ref|NP_001120693.1|	691	705	11608	11.93	2.22	21.54	0.34	36.92	56.33	11.93	2.53
56	gi|187828880|ref|NP_001120693.1|	692	706	11609	11.93	2.22	21.23	0.3	35.44	53.2	11.93	3.02
56	gi|187828880|ref|NP_001120693.1|	693	707	11610	11.93	3.67	22.95	0.3	41.96	41.09	11.93	4.38

Table 2

56	gi|187828880|ref|NP_001120693.1|	694	708	11611	11.93	8.98	22.95	0.28	41.96	32	11.93	4.56
56	gi|187828880|ref|NP_001120693.1|	697	711	11612	7.82	8.34	7.82	2.36	6.73	27.94	19.94	6.89
56	gi|187828880|ref|NP_001120693.1|	698	712	11613	8.62	8.62	10.68	8.46	2.3	31.07	19.94	7.61
56	gi|187828880|ref|NP_001120693.1|	699	713	11614	9.06	8.6	12.89	9.06	2.58	39.92	19.94	7.5
56	gi|187828880|ref|NP_001120693.1|	700	714	11615	7.82	8.34	7.82	0.24	2.39	51.34	19.94	4.69
56	gi|187828880|ref|NP_001120693.1|	701	715	11616	7.82	8.34	7.82	0.26	2.34	59.55	19.94	4.69
56	gi|187828880|ref|NP_001120693.1|	702	716	11617	7.82	8.34	7.82	0.27	3.08	64.8	19.94	4.69
56	gi|187828880|ref|NP_001120693.1|	703	717	11618	5.05	8.34	5.05	0.24	1.42	31.29	19.94	4.69
56	gi|187828880|ref|NP_001120693.1|	704	718	11619	8.34	8.34	5.87	0.23	1.42	17.3	23.93	9.43
56	gi|187828880|ref|NP_001120693.1|	705	719	11620	9.43	8.34	7.62	1.35	37.25	13.26	16.81	9.43
56	gi|187828880|ref|NP_001120693.1|	706	720	11621	9.43	2.71	9.84	1.43	35.63	9.33	15.13	9.43
56	gi|187828880|ref|NP_001120693.1|	707	721	11622	15.41	2.85	14.97	22.1	36.39	8.94	15.64	15.41
56	gi|187828880|ref|NP_001120693.1|	708	722	11623	19.15	2.87	21.28	30.5	31.2	11.48	17.59	19.15
56	gi|187828880|ref|NP_001120693.1|	733	747	11624	19.99	27.87	36.52	19.99	71.83	18.77	3.3	1.31
56	gi|187828880|ref|NP_001120693.1|	734	748	11625	17.9	17.9	40.39	19.99	71	17.83	2.74	1.78
56	gi|187828880|ref|NP_001120693.1|	735	749	11626	17.9	17.9	38.1	19.99	68.12	14.55	2.6	2.37
56	gi|187828880|ref|NP_001120693.1|	736	750	11627	17.9	17.9	43.62	19.99	75.22	17.19	11.93	4.14
56	gi|187828880|ref|NP_001120693.1|	737	751	11628	19.99	17.9	50.48	19.99	75.22	27.65	11.93	10.58
56	gi|187828880|ref|NP_001120693.1|	779	793	11629	18.12	32.11	58.36	17.15	70.91	17.65	8.55	18.12
56	gi|187828880|ref|NP_001120693.1|	780	794	11630	16.81	6.88	40.87	16.81	70.91	14.57	16.45	17.63
56	gi|187828880|ref|NP_001120693.1|	781	795	11631	12.64	1.28	13.45	12.64	47.56	10.43	27.42	12.35
56	gi|187828880|ref|NP_001120693.1|	782	796	11632	12.06	0.76	16.02	12.06	42.97	10.75	29.92	8.92
56	gi|187828880|ref|NP_001120693.1|	798	812	11633	16.55	8.84	2.14	19.36	19.06	16.55	38.22	1.87
56	gi|187828880|ref|NP_001120693.1|	799	813	11634	18.19	22.71	1.85	20.72	18.19	5.64	37.87	1.87
56	gi|187828880|ref|NP_001120693.1|	800	814	11635	18.78	22.25	1.83	20.72	18.78	5.55	32.42	1.87
56	gi|187828880|ref|NP_001120693.1|	801	815	11636	17.72	23.36	2.2	20.72	17.72	6.73	32.42	1.87
56	gi|187828880|ref|NP_001120693.1|	802	816	11637	5.94	5.94	2.49	11.04	27.69	5	32.42	1.87
56	gi|187828880|ref|NP_001120693.1|	803	817	11638	6.66	5.91	2.89	22.36	47.67	6.66	32.42	1.94
56	gi|187828880|ref|NP_001120693.1|	804	818	11639	16.24	5.95	4.98	23.14	59.27	16.24	32.42	1.98
56	gi|187828880|ref|NP_001120693.1|	812	826	11640	18.2	0.18	28.84	18.2	6.96	27.04	30.58	17.43
56	gi|187828880|ref|NP_001120693.1|	813	827	11641	19.4	5.26	34.72	19.4	11.77	25.82	34.95	18.27
56	gi|187828880|ref|NP_001120693.1|	814	828	11642	19.7	3.79	41.96	19.7	12.04	27.68	35.43	18.82
56	gi|187828880|ref|NP_001120693.1|	853	867	11643	18.08	14.48	27.37	12.27	35.48	23.71	18.08	3.19
56	gi|187828880|ref|NP_001120693.1|	854	868	11644	16.97	14.11	27.37	12.27	35.48	16.97	17.52	3.19
56	gi|187828880|ref|NP_001120693.1|	855	869	11645	14.63	14.12	27.37	12.27	35.48	14.63	22.48	3.19
56	gi|187828880|ref|NP_001120693.1|	856	870	11646	16.74	14.11	27.37	12.27	35.48	16.74	22.98	3.19
56	gi|187828880|ref|NP_001120693.1|	1060	1074	11647	12.12	12.12	42.98	7.41	8	49.32	20.32	11.11
56	gi|187828880|ref|NP_001120693.1|	1061	1075	11648	16.68	16.68	42.98	7.41	8	30.84	20.32	11.11
56	gi|187828880|ref|NP_001120693.1|	1063	1077	11649	11.11	8.24	42.98	7.41	8	21.11	20.32	11.11
56	gi|187828880|ref|NP_001120693.1|	1064	1078	11650	11.11	8.24	42.98	7.41	8	21.83	20.32	11.11
56	gi|187828880|ref|NP_001120693.1|	1065	1079	11651	13.05	13.05	42.98	11.96	8	23.36	20.32	11.11
56	gi|187828880|ref|NP_001120693.1|	1066	1080	11652	13	13	42.98	12.27	8	29.08	20.32	11.11
56	gi|187828880|ref|NP_001120693.1|	1104	1118	11653	11.71	11.71	48.09	6.82	17.21	31.73	4.03	9.56
56	gi|187828880|ref|NP_001120693.1|	1105	1119	11654	17.21	21.33	49.93	6.89	17.21	31.29	4.06	10.17
56	gi|187828880|ref|NP_001120693.1|	1215	1229	11655	15.32	39.11	15.32	8.71	4.32	68.64	48.94	10.7
56	gi|187828880|ref|NP_001120693.1|	1216	1230	11656	15.32	39.6	15.32	9.26	4.32	63.1	40.95	11.45
56	gi|187828880|ref|NP_001120693.1|	1217	1231	11657	15.32	39.75	15.32	11.68	6.77	62.6	26.97	9.97
56	gi|187828880|ref|NP_001120693.1|	1218	1232	11658	15.32	39.79	15.32	11.5	8.03	51.52	25.93	9.97

Table 2

56	gi|187828880|ref|NP_001120693.1|	1219	1233	11659	2.44	3.9	0.21	7.94	2.19	1.71	21.12	2.44
56	gi|187828880|ref|NP_001120693.1|	1220	1234	11660	2.28	1.52	0.24	5.43	2.28	0.17	3.9	2.44
56	gi|187828880|ref|NP_001120693.1|	1221	1235	11661	1.52	0.64	0.31	4.94	2.49	0.06	3.9	1.52
56	gi|187828880|ref|NP_001120693.1|	1222	1236	11662	0.84	0.24	0.31	5.93	2.5	0.03	3.9	0.84
56	gi|187828880|ref|NP_001120693.1|	1223	1237	11663	0.91	0.31	0.45	6.11	4.85	0.04	4.32	0.91
56	gi|187828880|ref|NP_001120693.1|	1224	1238	11664	1.21	0.59	0.68	7.94	9.08	0.06	9.6	1.21
56	gi|187828880|ref|NP_001120693.1|	1225	1239	11665	2.1	1.36	1.06	7.94	15.94	0.5	10.09	2.1
56	gi|187828880|ref|NP_001120693.1|	1226	1240	11666	17.42	7.51	17.42	19.17	20.33	7.72	30.22	3.19
56	gi|187828880|ref|NP_001120693.1|	1227	1241	11667	7.19	3.66	7.19	3.02	41.65	23.73	9.18	2.32
56	gi|187828880|ref|NP_001120693.1|	1228	1242	11668	12.35	43.67	7.19	3.07	39.74	31.98	8.86	12.35
56	gi|187828880|ref|NP_001120693.1|	1229	1243	11669	11.64	44.59	7.19	2.52	41.02	26.71	8.46	11.64
56	gi|187828880|ref|NP_001120693.1|	1230	1244	11670	8.46	9.56	7.19	2.01	40.8	12.77	8.46	5.12
56	gi|187828880|ref|NP_001120693.1|	1231	1245	11671	4.52	8.63	4.89	1.25	39.47	4.52	3.34	2.21
56	gi|187828880|ref|NP_001120693.1|	1232	1246	11672	4.45	8.67	4.88	1.6	33.35	2.97	4.45	2.16
56	gi|187828880|ref|NP_001120693.1|	1233	1247	11673	3.66	3.66	5.27	1.84	24.86	3.42	4.43	1.74
56	gi|187828880|ref|NP_001120693.1|	1234	1248	11674	5.37	6.25	8.59	2.24	23.72	2.88	5.37	2.15
56	gi|187828880|ref|NP_001120693.1|	1235	1249	11675	6.42	7.17	9.03	2.76	23.34	4.5	6.42	2.64
56	gi|187828880|ref|NP_001120693.1|	1236	1250	11676	8.15	7.17	18.64	2	26.21	8.15	9.71	4.95
56	gi|187828880|ref|NP_001120693.1|	1237	1251	11677	7.17	7.17	5.19	2.38	19.71	17.93	8.71	5.78
56	gi|187828880|ref|NP_001120693.1|	1238	1252	11678	12	7.17	10.35	2.2	19.86	28.32	12	15.55
56	gi|187828880|ref|NP_001120693.1|	1239	1253	11679	7.17	7.17	3.71	2.09	6.69	34.85	10.02	14.25
56	gi|187828880|ref|NP_001120693.1|	1240	1254	11680	7.45	17.87	3.39	2.98	6.69	43.01	7.45	17.44
56	gi|187828880|ref|NP_001120693.1|	1241	1255	11681	9.58	18.09	3.39	3.81	6.69	44.14	9.58	17.68
56	gi|187828880|ref|NP_001120693.1|	1242	1256	11682	15.48	15.99	3.39	5.1	6.69	48.02	15.48	18.71
56	gi|187828880|ref|NP_001120693.1|	1243	1257	11683	12.82	12.82	3.39	14.35	0.41	59.62	3.22	17.09
56	gi|187828880|ref|NP_001120693.1|	1244	1258	11684	5.99	2.84	27.74	7.98	0.59	63.77	3.22	5.99
56	gi|187828880|ref|NP_001120693.1|	1245	1259	11685	3.22	2.69	2.37	4.69	2.36	61.58	3.22	5.37
56	gi|187828880|ref|NP_001120693.1|	1246	1260	11686	3.22	2.27	2.37	3.45	2.19	55.49	3.22	4.59
56	gi|187828880|ref|NP_001120693.1|	1247	1261	11687	2.04	1.53	2.37	0.57	1.77	38.74	3.22	2.04
56	gi|187828880|ref|NP_001120693.1|	1248	1262	11688	2.01	0.96	2.37	0.57	1.44	20.66	3.22	2.01
56	gi|187828880|ref|NP_001120693.1|	1249	1263	11689	2.37	1.23	2.37	0.57	1.46	14.63	3.22	2.58
56	gi|187828880|ref|NP_001120693.1|	1250	1264	11690	2.68	1.22	2.37	0.64	30.66	15.14	6.31	2.68
56	gi|187828880|ref|NP_001120693.1|	1251	1265	11691	3.16	1.55	2.37	0.78	30.66	18.78	6.83	3.16
56	gi|187828880|ref|NP_001120693.1|	1252	1266	11692	12.46	1.62	12.46	3.49	30.66	26.55	17.02	8.37
56	gi|187828880|ref|NP_001120693.1|	1253	1267	11693	12.46	3.56	12.46	4.23	28.32	37.68	17.02	9.31
56	gi|187828880|ref|NP_001120693.1|	1274	1288	11694	18.08	18.08	3.25	0.95	19.45	41.08	40.28	5.42
56	gi|187828880|ref|NP_001120693.1|	1275	1289	11695	18.08	18.08	4.1	1.46	19.54	35.09	45.67	5.42
56	gi|187828880|ref|NP_001120693.1|	1276	1290	11696	10.66	13.16	3.88	8.95	10.66	32.65	54.69	1.58
56	gi|187828880|ref|NP_001120693.1|	1277	1291	11697	15.43	18.5	5.54	15.43	11.19	37.49	58.6	1.58
56	gi|187828880|ref|NP_001120693.1|	1278	1292	11698	18.74	18.74	3.03	19.7	12.24	42.32	68.68	1.49
56	gi|187828880|ref|NP_001120693.1|	1282	1296	11699	18.15	2.47	9.19	23.66	18.15	34.3	26.86	2.3
56	gi|187828880|ref|NP_001120693.1|	1283	1297	11700	11.52	8.98	11.52	29.01	0.18	30.6	25.5	3.76
56	gi|187828880|ref|NP_001120693.1|	1284	1298	11701	14.88	5.24	15.71	29.3	0.17	34.6	14.88	3.48
56	gi|187828880|ref|NP_001120693.1|	1285	1299	11702	12.86	5.24	22.71	18.51	0.16	33.15	8.44	12.86
56	gi|187828880|ref|NP_001120693.1|	1286	1300	11703	15.16	2.66	29.15	21.21	0.16	37.03	15.16	12.86
56	gi|187828880|ref|NP_001120693.1|	1287	1301	11704	9.61	2.66	23.87	15.62	1.39	38.2	9.61	5.05
56	gi|187828880|ref|NP_001120693.1|	1288	1302	11705	4.52	2.03	21.84	6.64	0.92	30.04	4.52	4.13
56	gi|187828880|ref|NP_001120693.1|	1289	1303	11706	3.89	1.42	25.69	3.89	0.14	20.67	3.31	5.88

Table 2

56	gi|187828880|ref|NP_001120693.1|	1290	1304	11707	5.86	1.42	31.52	3.93	15.67	18.81	2.86	5.86
56	gi|187828880|ref|NP_001120693.1|	1291	1305	11708	5.97	1.42	39.31	3.93	15.83	17.2	3.45	5.97
56	gi|187828880|ref|NP_001120693.1|	1292	1306	11709	11.18	1.42	39.31	4.37	15.83	18.13	4.68	11.18
56	gi|187828880|ref|NP_001120693.1|	1293	1307	11710	14.18	1.42	39.31	7.05	15.83	24.17	1.16	14.18
56	gi|187828880|ref|NP_001120693.1|	1294	1308	11711	15.83	3.81	39.31	10.92	15.83	38.6	2.05	24.6
56	gi|187828880|ref|NP_001120693.1|	1295	1309	11712	5.42	2.16	8.27	1.77	15.83	44.16	1.72	5.42
56	gi|187828880|ref|NP_001120693.1|	1296	1310	11713	2.37	2.37	8.27	1.4	17.21	17.14	2.01	1.4
56	gi|187828880|ref|NP_001120693.1|	1297	1311	11714	2.36	2.36	8.27	1.21	14.4	11.78	1.72	1.4
56	gi|187828880|ref|NP_001120693.1|	1298	1312	11715	2.7	2.24	8.27	0.9	12.48	6.84	2.7	1.37
56	gi|187828880|ref|NP_001120693.1|	1299	1313	11716	2.66	2.24	8.27	0.9	13.34	5.46	2.66	1.21
56	gi|187828880|ref|NP_001120693.1|	1300	1314	11717	7.81	5.33	10.51	0.9	17.14	7.81	35.36	1.4
56	gi|187828880|ref|NP_001120693.1|	1301	1315	11718	10.72	8.75	10.72	1.28	22.35	12.18	35.36	1.4
56	gi|187828880|ref|NP_001120693.1|	1302	1316	11719	11.15	8.94	49.55	16.81	3.92	11.15	41.82	1.47
56	gi|187828880|ref|NP_001120693.1|	1303	1317	11720	14.67	11.46	49.93	20.31	3.3	14.19	38.53	14.67
56	gi|187828880|ref|NP_001120693.1|	1304	1318	11721	14.67	11.46	49.93	18.77	3.2	9.78	30.16	14.67
56	gi|187828880|ref|NP_001120693.1|	1305	1319	11722	14.67	9.02	49.93	14.94	3.01	8.04	29.06	14.67
56	gi|187828880|ref|NP_001120693.1|	1306	1320	11723	11.46	11.46	36.72	8.1	4.24	9.53	22.87	13.97
56	gi|187828880|ref|NP_001120693.1|	1307	1321	11724	11.46	11.46	38.18	7.16	6.28	12.95	31.16	11.24
56	gi|187828880|ref|NP_001120693.1|	1308	1322	11725	16.82	11.46	43.78	7.71	8.48	24.49	40.41	16.82
56	gi|187828880|ref|NP_001120693.1|	1311	1325	11726	19.2	11.41	10.24	12.02	19.2	63.39	22.63	31.31
56	gi|187828880|ref|NP_001120693.1|	1312	1326	11727	9.84	11.41	7.36	2.61	9.84	46.4	21.58	3.44
56	gi|187828880|ref|NP_001120693.1|	1313	1327	11728	9.21	1.59	9.21	1.14	10.16	34.51	22.82	3.44
56	gi|187828880|ref|NP_001120693.1|	1314	1328	11729	9.13	0.78	9.21	1.06	9.13	29.03	24.1	3.44
56	gi|187828880|ref|NP_001120693.1|	1315	1329	11730	8.93	0.78	9.21	1.02	8.93	26.99	21.83	3.44
56	gi|187828880|ref|NP_001120693.1|	1316	1330	11731	9.21	0.78	9.21	1.12	11.22	29.15	20.86	3.44
56	gi|187828880|ref|NP_001120693.1|	1317	1331	11732	9.21	0.78	9.21	4.21	14.55	36.63	29.39	3.44
56	gi|187828880|ref|NP_001120693.1|	1318	1332	11733	9.21	1.36	9.21	5.05	21.01	52.05	29.39	3.44
56	gi|187828880|ref|NP_001120693.1|	1325	1339	11734	16.81	12.37	6.99	34.2	59.84	16.81	80.57	12.23
56	gi|187828880|ref|NP_001120693.1|	1333	1347	11735	6.47	8.34	0.13	1	51.29	3.02	13.28	6.47
56	gi|187828880|ref|NP_001120693.1|	1334	1348	11736	4.26	8.34	0.07	1	48.84	0.52	6.89	4.26
56	gi|187828880|ref|NP_001120693.1|	1335	1349	11737	2.41	2.41	0.11	0.91	55.02	0.11	3.65	2.42
56	gi|187828880|ref|NP_001120693.1|	1336	1350	11738	0.86	1.4	0.11	0.67	53.7	0.06	0.86	2.07
56	gi|187828880|ref|NP_001120693.1|	1337	1351	11739	0.88	0.88	0.15	0.88	53.7	0.06	0.46	3.05
56	gi|187828880|ref|NP_001120693.1|	1338	1352	11740	0.74	0.74	0.31	1	53.7	0.07	0.18	4
56	gi|187828880|ref|NP_001120693.1|	1339	1353	11741	1	1.14	0.48	1	53.7	0.09	0.15	5.16
56	gi|187828880|ref|NP_001120693.1|	1340	1354	11742	3.16	1.14	3.88	3.16	53.7	0.24	0.14	8.92
56	gi|187828880|ref|NP_001120693.1|	1341	1355	11743	2.66	1.14	5.63	5.13	53.7	0.5	0.36	2.66
56	gi|187828880|ref|NP_001120693.1|	1342	1356	11744	1.57	1.49	3.81	1.57	53.7	0.6	0.19	1.87
56	gi|187828880|ref|NP_001120693.1|	1343	1357	11745	1.48	1.42	7.86	1.48	60.94	0.44	0.21	1.87
56	gi|187828880|ref|NP_001120693.1|	1344	1358	11746	1.4	1.39	8.86	1.4	60.94	0.43	0.23	1.87
56	gi|187828880|ref|NP_001120693.1|	1345	1359	11747	1.18	1.38	9.58	1.18	60.94	0.24	0.23	0.17
56	gi|187828880|ref|NP_001120693.1|	1346	1360	11748	1.48	2.27	12.39	1.48	60.94	0.17	0.8	0.17
56	gi|187828880|ref|NP_001120693.1|	1347	1361	11749	3.11	3.71	17.41	3.11	70.04	0.44	1.64	0.23
56	gi|187828880|ref|NP_001120693.1|	1348	1362	11750	2.87	3.86	17.78	2.87	69.42	0.8	1.91	0.17
56	gi|187828880|ref|NP_001120693.1|	1349	1363	11751	5.2	6.15	17.78	4	67.7	1.48	5.2	0.17
56	gi|187828880|ref|NP_001120693.1|	1350	1364	11752	6.48	6.48	17.78	7.35	73.77	3.34	5.52	0.17
56	gi|187828880|ref|NP_001120693.1|	1351	1365	11753	4.35	5.19	17.78	3.56	75.22	4.28	4.35	0.17
56	gi|187828880|ref|NP_001120693.1|	1352	1366	11754	3.91	5.5	17.78	3.91	70.16	2.42	3.77	1.16

Table 2

56	gi|187828880|ref|NP_001120693.1|	1353	1367	11755	4.81	6.74	37.73	4.81	70.16	1.57	3.36	1.16
56	gi|187828880|ref|NP_001120693.1|	1354	1368	11756	4.88	6.9	37.73	4.88	32.32	2.05	3.73	1.16
56	gi|187828880|ref|NP_001120693.1|	1355	1369	11757	9.03	8.34	37.73	5.76	32.32	3.51	10.46	9.03
56	gi|187828880|ref|NP_001120693.1|	1356	1370	11758	14.9	18.2	56.82	14.9	32.32	7.29	8.77	11.11
56	gi|187828880|ref|NP_001120693.1|	1357	1371	11759	18.19	18.19	19.35	15.21	32.32	20.54	8.77	11.11
56	gi|187828880|ref|NP_001120693.1|	1363	1377	11760	17.61	16.43	17.39	39.52	30.32	17.61	45.77	4.42
56	gi|187828880|ref|NP_001120693.1|	1365	1379	11761	14.57	0.11	20.9	12.59	21.25	14.57	47.81	3.74
56	gi|187828880|ref|NP_001120693.1|	1366	1380	11762	13.82	0.11	20.87	12.08	18.54	13.82	39.4	4.62
56	gi|187828880|ref|NP_001120693.1|	1367	1381	11763	14.64	0.11	20.73	11.19	19.65	14.64	20.24	4.97
56	gi|187828880|ref|NP_001120693.1|	1368	1382	11764	4.12	0.11	2.72	4.12	23.74	12.45	12.87	2.43
56	gi|187828880|ref|NP_001120693.1|	1369	1383	11765	4.09	0.21	2.93	4.09	26.89	10.23	12.87	2.42
56	gi|187828880|ref|NP_001120693.1|	1370	1384	11766	4.64	0.21	3.86	4.64	25.18	11.75	12.87	3.04
56	gi|187828880|ref|NP_001120693.1|	1371	1385	11767	9.98	9.98	4.89	4.06	26.89	16.43	12.87	2.93
56	gi|187828880|ref|NP_001120693.1|	1372	1386	11768	9.07	9.07	5.27	1.12	26.89	20.47	12.87	0.69
56	gi|187828880|ref|NP_001120693.1|	1373	1387	11769	9.7	9.7	7.02	1.25	26.89	28.52	12.87	0.81
56	gi|187828880|ref|NP_001120693.1|	1374	1388	11770	8.34	6.17	8.34	0.56	26.89	54.83	16.55	0.74
56	gi|187828880|ref|NP_001120693.1|	1375	1389	11771	10.21	5.79	27.37	0.27	29.01	66.05	10.21	0.76
56	gi|187828880|ref|NP_001120693.1|	1376	1390	11772	4.11	3.18	27.37	0.24	4.11	74.01	4.37	0.78
56	gi|187828880|ref|NP_001120693.1|	1377	1391	11773	3.92	3.23	22.95	0.37	4.11	77.86	3.92	1.92
56	gi|187828880|ref|NP_001120693.1|	1378	1392	11774	3.92	3.26	22.95	0.38	4.11	80.79	3.92	1.98
56	gi|187828880|ref|NP_001120693.1|	1379	1393	11775	4.13	4.13	22.95	0.7	0.12	80.58	1.81	4.44
56	gi|187828880|ref|NP_001120693.1|	1380	1394	11776	4.58	4.68	18.16	1.14	0.51	80.02	1.61	4.58
56	gi|187828880|ref|NP_001120693.1|	1381	1395	11777	4.3	13.64	18.16	0.76	0.48	75.9	4.3	1.05
56	gi|187828880|ref|NP_001120693.1|	1382	1396	11778	4.65	15.29	4.86	0.97	0.95	72.38	4.65	1.05
56	gi|187828880|ref|NP_001120693.1|	1383	1397	11779	4.78	4.78	4.86	1.14	0.88	64.51	6.75	1.69
56	gi|187828880|ref|NP_001120693.1|	1384	1398	11780	2.03	3.85	2.03	1.23	0.96	53.26	4.38	1.87
56	gi|187828880|ref|NP_001120693.1|	1385	1399	11781	1.87	3.36	2.03	1.31	0.04	39.16	0.98	1.87
56	gi|187828880|ref|NP_001120693.1|	1386	1400	11782	3.98	3.14	2.03	3.98	4.47	32.58	12.08	1.87
56	gi|187828880|ref|NP_001120693.1|	1387	1401	11783	4.47	3.4	2.03	5.31	4.47	34.44	10.78	1.54
56	gi|187828880|ref|NP_001120693.1|	1388	1402	11784	5.7	5.7	2.03	11.8	4.47	34.46	9.71	1.54
56	gi|187828880|ref|NP_001120693.1|	1389	1403	11785	7.48	6.55	2.03	8.89	23.7	38.98	7.48	1.54
56	gi|187828880|ref|NP_001120693.1|	1390	1404	11786	6.44	7.95	2.03	0.89	24.08	38.21	6.44	1.54
56	gi|187828880|ref|NP_001120693.1|	1391	1405	11787	10.16	13.03	6.99	0.89	26.08	40.05	10.16	1.54
56	gi|187828880|ref|NP_001120693.1|	1392	1406	11788	17.62	13.48	17.62	0.94	36.21	45.26	24.52	1.54
56	gi|187828880|ref|NP_001120693.1|	1417	1431	11789	12.31	9.59	62.25	6.68	38.04	12.31	21.01	5.51
56	gi|187828880|ref|NP_001120693.1|	1418	1432	11790	9.59	9.59	64.73	6.46	36.72	6.73	16.34	3.84
56	gi|187828880|ref|NP_001120693.1|	1419	1433	11791	9.59	9.59	68.41	6.68	36.77	7.51	14.25	4.51
56	gi|187828880|ref|NP_001120693.1|	1420	1434	11792	12.04	9.59	41.26	12.04	36.89	7.63	33.94	6.65
56	gi|187828880|ref|NP_001120693.1|	1421	1435	11793	19.2	9.59	44.93	19.2	34.62	12.73	57.4	9.87
56	gi|187828880|ref|NP_001120693.1|	1435	1449	11794	14.5	2	14.5	25.27	3.09	11.79	40.65	17.8
56	gi|187828880|ref|NP_001120693.1|	1436	1450	11795	13.95	1.85	13.95	24.23	2.88	4.52	42.45	17.8
56	gi|187828880|ref|NP_001120693.1|	1437	1451	11796	13.12	1.73	13.12	17.98	2.83	2.93	35.59	14.13
56	gi|187828880|ref|NP_001120693.1|	1438	1452	11797	14.13	1.7	17.76	15.31	3.12	3	37.37	14.13
56	gi|187828880|ref|NP_001120693.1|	1439	1453	11798	14.13	1.75	21.53	15.07	5.39	4.82	48.75	14.13
56	gi|187828880|ref|NP_001120693.1|	1440	1454	11799	10.53	0.6	24.8	13.4	7.82	9.29	53.5	10.53
56	gi|187828880|ref|NP_001120693.1|	1441	1455	11800	10.53	0.6	24.69	7.44	10.43	21.99	54.32	10.53
56	gi|187828880|ref|NP_001120693.1|	1442	1456	11801	15.72	6.71	26.3	6	15.72	57.61	25.34	5.97
56	gi|187828880|ref|NP_001120693.1|	1443	1457	11802	15.4	6.71	32.77	6	15.4	70.26	25.34	6.06

Table 2

56	gi|187828880|ref|NP_001120693.1|	1444	1458	11803	17.46	6.71	33.15	6	17.46	74.85	25.34	6.7
56	gi|187828880|ref|NP_001120693.1|	1445	1459	11804	19.45	6.71	33.15	5.12	19.45	71.47	25.34	7.6
56	gi|187828880|ref|NP_001120693.1|	1448	1462	11805	17.29	19.23	17.29	15.19	15.16	64.21	25.34	8.29
56	gi|187828880|ref|NP_001120693.1|	1460	1474	11806	18.07	12.33	8.67	43.06	18.07	45.39	26.51	12.86
56	gi|187828880|ref|NP_001120693.1|	1461	1475	11807	17.36	10.71	10.03	48.22	17.36	36.49	23.38	12.86
56	gi|187828880|ref|NP_001120693.1|	1462	1476	11808	17.1	7.65	12.21	50.02	17.1	34.66	18.3	12.86
56	gi|187828880|ref|NP_001120693.1|	1463	1477	11809	19.74	6.66	15.51	56.42	17.68	36.41	24.65	19.74
56	gi|187828880|ref|NP_001120693.1|	1477	1491	11810	6.07	6.07	22.13	4.57	2.89	13.35	45.06	1.89
56	gi|187828880|ref|NP_001120693.1|	1478	1492	11811	5.54	6.07	17.94	3.47	0.01	5.54	22.14	1.82
56	gi|187828880|ref|NP_001120693.1|	1479	1493	11812	3.6	6.07	17.92	3.11	0.01	3.6	22.14	1.73
56	gi|187828880|ref|NP_001120693.1|	1480	1494	11813	3.18	6.07	20.98	3.11	0.01	3.18	22.14	1.7
56	gi|187828880|ref|NP_001120693.1|	1481	1495	11814	4.22	4.37	21.23	3.11	0.01	4.22	22.14	1.73
56	gi|187828880|ref|NP_001120693.1|	1482	1496	11815	5.02	4.37	24.21	3.11	0.02	8.36	22.14	5.02
56	gi|187828880|ref|NP_001120693.1|	1483	1497	11816	4.44	4.37	4.44	1.62	0.02	34.12	22.14	4.83
56	gi|187828880|ref|NP_001120693.1|	1484	1498	11817	17.86	27.4	4.15	1.54	0.31	82.73	22.14	17.86
56	gi|187828880|ref|NP_001120693.1|	1485	1499	11818	16.4	24.5	4.32	1.62	12.98	91.39	30	16.4
56	gi|187828880|ref|NP_001120693.1|	1486	1500	11819	7.19	5.14	2.87	1.77	11.48	90.43	30	7.19
56	gi|187828880|ref|NP_001120693.1|	1487	1501	11820	7.01	4.98	2.81	2.15	11.48	88.79	30	7.01
56	gi|187828880|ref|NP_001120693.1|	1488	1502	11821	4.81	4.81	1.95	2.4	6.32	84.53	30	1.22
56	gi|187828880|ref|NP_001120693.1|	1489	1503	11822	4.62	4.62	1.95	1.45	6.32	80.65	32.85	1
56	gi|187828880|ref|NP_001120693.1|	1490	1504	11823	6.32	4.88	15.32	1.57	6.32	80.36	35.55	0.99
56	gi|187828880|ref|NP_001120693.1|	1491	1505	11824	14.97	14.97	21.28	2.3	6.32	80.55	45.12	0.95
56	gi|187828880|ref|NP_001120693.1|	1492	1506	11825	11.03	15.08	11.03	2.15	6.32	82.73	27.38	0.94
56	gi|187828880|ref|NP_001120693.1|	1493	1507	11826	11.03	46.28	11.03	2.3	6.32	83.93	27.51	2.3
56	gi|187828880|ref|NP_001120693.1|	1494	1508	11827	6.32	57.17	4.41	4.41	6.32	82.29	25.02	3.3
56	gi|187828880|ref|NP_001120693.1|	1495	1509	11828	8.66	7.76	7.31	4.32	17.07	75.48	20.46	8.66
56	gi|187828880|ref|NP_001120693.1|	1496	1510	11829	4.35	3.06	0.51	4.35	13.66	61.15	29.52	0.96
56	gi|187828880|ref|NP_001120693.1|	1497	1511	11830	2.48	2.48	0.17	0.48	13.6	53.15	21.59	0.78
56	gi|187828880|ref|NP_001120693.1|	1498	1512	11831	2.34	2.34	0.15	0.46	13.65	49.77	21.23	0.78
56	gi|187828880|ref|NP_001120693.1|	1499	1513	11832	1.54	1.97	0.15	0.46	18.18	52.17	1.54	0.78
56	gi|187828880|ref|NP_001120693.1|	1500	1514	11833	0.93	2.05	0.14	0.43	20.08	56.73	0.93	0.78
56	gi|187828880|ref|NP_001120693.1|	1501	1515	11834	1.34	2.75	0.19	0.46	20.08	66.16	0.93	1.34
56	gi|187828880|ref|NP_001120693.1|	1502	1516	11835	1.93	3.14	0.63	1.93	20.08	76.69	1.28	1.67
56	gi|187828880|ref|NP_001120693.1|	1503	1517	11836	3.28	3.28	19.29	1.97	28.01	73.01	0.41	2.37
56	gi|187828880|ref|NP_001120693.1|	1504	1518	11837	17.52	3.07	19.29	17.52	28.01	70.44	0.42	3.18
56	gi|187828880|ref|NP_001120693.1|	1505	1519	11838	19.29	3.67	19.29	23.38	28.01	71.89	0.46	8.36
56	gi|187828880|ref|NP_001120693.1|	1521	1535	11839	17.71	7.21	67.77	33.62	14.9	17.71	51.05	11.11
56	gi|187828880|ref|NP_001120693.1|	1531	1545	11840	15.23	3.67	15.23	20.62	11.13	8.85	30.74	21.62
56	gi|187828880|ref|NP_001120693.1|	1532	1546	11841	11.13	3.67	17.47	16.68	11.13	4.04	25.6	6.95
56	gi|187828880|ref|NP_001120693.1|	1533	1547	11842	11.13	3.67	21.82	17.49	11.13	3.56	23.01	6.43
56	gi|187828880|ref|NP_001120693.1|	1534	1548	11843	18.72	3.67	23.11	18.72	22.63	3.13	19.77	4.62
56	gi|187828880|ref|NP_001120693.1|	1535	1549	11844	16.4	3.67	25.93	20.95	31.86	4.93	16.4	5.34
56	gi|187828880|ref|NP_001120693.1|	1536	1550	11845	17.43	3.67	33.49	29.96	42.39	9.81	17.43	8.24
56	gi|187828880|ref|NP_001120693.1|	1549	1563	11846	18.49	33.84	9.42	15.64	18.49	40.77	18.21	19.08
56	gi|187828880|ref|NP_001120693.1|	1550	1564	11847	13.91	59.83	9.42	13.9	6.73	37.68	13.91	16.38
56	gi|187828880|ref|NP_001120693.1|	1551	1565	11848	11.28	58.28	11.72	6.19	6.73	37.33	11.28	8.42
56	gi|187828880|ref|NP_001120693.1|	1552	1566	11849	10.34	67.21	15.15	7.12	6.73	39.23	10.34	8.42
56	gi|187828880|ref|NP_001120693.1|	1553	1567	11850	18.75	69.73	18.75	8.62	6.73	44.14	18.87	8.42

Table 2

56	gi|187828880|ref|NP_001120693.1|	1554	1568	11851	6.73	46.87	0.31	4.42	6.73	27.05	12.95	3.31
56	gi|187828880|ref|NP_001120693.1|	1555	1569	11852	6.73	46.8	0.45	4.42	6.73	21.23	14.82	3.3
56	gi|187828880|ref|NP_001120693.1|	1556	1570	11853	3.34	1.55	0.43	4.42	3.34	6.7	17.09	0.82
56	gi|187828880|ref|NP_001120693.1|	1557	1571	11854	2.81	1.55	0.61	4.42	3.54	2.81	35.71	0.81
56	gi|187828880|ref|NP_001120693.1|	1558	1572	11855	1.74	1.55	0.81	9.66	3.77	1.74	34.27	0.75
56	gi|187828880|ref|NP_001120693.1|	1559	1573	11856	1.88	1.55	1.12	10.18	3.95	1.88	37.33	0.79
56	gi|187828880|ref|NP_001120693.1|	1560	1574	11857	3.5	1.55	1.59	10.54	6.21	3.5	38.2	0.83
56	gi|187828880|ref|NP_001120693.1|	1561	1575	11858	9.77	1.55	11.78	48.16	9.77	8.29	49.17	2.7
56	gi|187828880|ref|NP_001120693.1|	1562	1576	11859	11.89	1.55	0.45	25.33	11.89	23.68	25.02	1.97
56	gi|187828880|ref|NP_001120693.1|	1564	1578	11860	3.82	20.93	0.16	8.57	0.26	24.92	3.01	3.82
56	gi|187828880|ref|NP_001120693.1|	1565	1579	11861	3.81	20.93	0.16	8.65	0.27	25.28	3.01	3.81
56	gi|187828880|ref|NP_001120693.1|	1566	1580	11862	2.52	14.41	0.15	2.52	0.28	24.92	3.01	1.66
56	gi|187828880|ref|NP_001120693.1|	1567	1581	11863	2.32	4.33	0.48	2.32	1.09	26.82	3.01	2.02
56	gi|187828880|ref|NP_001120693.1|	1568	1582	11864	2.11	4.01	0.43	2.11	1.06	35.99	3.01	1.92
56	gi|187828880|ref|NP_001120693.1|	1569	1583	11865	3.01	3.99	1.68	1.59	3.07	37.87	3.01	2.25
56	gi|187828880|ref|NP_001120693.1|	1570	1584	11866	2.22	2.22	1.62	1.59	0.39	31.77	3.01	2.25
56	gi|187828880|ref|NP_001120693.1|	1571	1585	11867	6.23	2.22	27.02	2.68	27.45	34.75	6.23	5.66
56	gi|187828880|ref|NP_001120693.1|	1572	1586	11868	6.03	2.22	31.65	2.87	27.22	31.31	6.03	2.69
56	gi|187828880|ref|NP_001120693.1|	1573	1587	11869	7.39	2.22	42.11	4.09	26.19	32.25	7.39	3.44
56	gi|187828880|ref|NP_001120693.1|	1575	1589	11870	2.72	1.71	46.7	1.04	3.99	43.62	2.72	2.15
56	gi|187828880|ref|NP_001120693.1|	1576	1590	11871	2.26	2.26	46.7	1.02	3.99	53.34	2.09	2.18
56	gi|187828880|ref|NP_001120693.1|	1577	1591	11872	7.08	7.08	66.26	1.01	10.67	61.9	3.92	3.21
56	gi|187828880|ref|NP_001120693.1|	1578	1592	11873	9.14	9.14	14.01	0.31	9.82	63.26	4.42	2.6
56	gi|187828880|ref|NP_001120693.1|	1579	1593	11874	5.97	9.56	14.01	0.26	5.97	59.63	5.52	3.11
56	gi|187828880|ref|NP_001120693.1|	1580	1594	11875	6.49	18.54	14.01	0.38	5.63	40.72	6.49	5.44
56	gi|187828880|ref|NP_001120693.1|	1581	1595	11876	12.16	18.16	14.01	0.39	4.13	28.18	12.16	4.59
56	gi|187828880|ref|NP_001120693.1|	1582	1596	11877	16.1	28.29	14.01	0.46	16.1	23.88	25.59	4.07
56	gi|187828880|ref|NP_001120693.1|	1583	1597	11878	16.1	30.86	14.01	0.57	16.1	20.51	42.16	7.03
56	gi|187828880|ref|NP_001120693.1|	1584	1598	11879	16.1	30.02	14.01	0.57	16.1	19.36	42.71	7.03
56	gi|187828880|ref|NP_001120693.1|	1585	1599	11880	16	15.43	16	9.5	35.59	23.45	54.55	7.03
56	gi|187828880|ref|NP_001120693.1|	1586	1600	11881	13.04	13.04	6.47	13.58	20.29	11.61	57.09	3.4
56	gi|187828880|ref|NP_001120693.1|	1587	1601	11882	13.04	13.04	6.68	13.27	18.26	5.78	57.09	2.63
56	gi|187828880|ref|NP_001120693.1|	1588	1602	11883	10.04	10.04	9.18	13.4	17.79	4.69	56.16	2.57
56	gi|187828880|ref|NP_001120693.1|	1589	1603	11884	9.04	6.72	9.04	12.15	15.62	3.66	38.14	2.9
56	gi|187828880|ref|NP_001120693.1|	1590	1604	11885	10.63	10.63	10.48	11.93	18.25	4.11	37.97	5.53
56	gi|187828880|ref|NP_001120693.1|	1591	1605	11886	13.44	15.97	13.44	8.91	23.04	7.09	34.08	9.91
56	gi|187828880|ref|NP_001120693.1|	1592	1606	11887	17.38	6.18	14.66	5.76	26.65	19.18	35.1	17.38
56	gi|187828880|ref|NP_001120693.1|	1593	1607	11888	19.01	31.93	14.66	5.93	29.26	38.97	15.61	19.01
56	gi|187828880|ref|NP_001120693.1|	1594	1608	11889	18.02	28.96	14.66	5.93	33.77	51.26	8.52	18.02
56	gi|187828880|ref|NP_001120693.1|	1595	1609	11890	5.17	5.17	0.66	3.63	10.79	32.09	8.52	1.05
56	gi|187828880|ref|NP_001120693.1|	1596	1610	11891	5.17	5.17	1.06	2.62	11.28	23.97	8.52	1.05
56	gi|187828880|ref|NP_001120693.1|	1597	1611	11892	3.33	4.72	1.2	2.77	10.53	21.25	3.33	0.78
56	gi|187828880|ref|NP_001120693.1|	1598	1612	11893	2.83	2.66	2.24	2.83	10.76	18.15	3.32	0.78
56	gi|187828880|ref|NP_001120693.1|	1599	1613	11894	3.23	2.66	1.5	3.23	13.88	17.42	4.95	0.62
56	gi|187828880|ref|NP_001120693.1|	1600	1614	11895	4.48	3.28	2.05	4.48	17.3	21.34	7.82	1.11
56	gi|187828880|ref|NP_001120693.1|	1601	1615	11896	7.18	3.07	2.46	7.18	22.92	26.21	9.18	1.08
56	gi|187828880|ref|NP_001120693.1|	1602	1616	11897	13.63	4.31	8.27	13.63	37.57	29.13	13.99	1.67
56	gi|187828880|ref|NP_001120693.1|	1603	1617	11898	5.68	4.31	5.68	19.35	4.07	10.17	7.15	1.2

Table 2

56	gi|187828880|ref|NP_001120693.1|	1604	1618	11899	8.31	12.08	6.98	25.42	4.05	8.31	16.63	2.26
56	gi|187828880|ref|NP_001120693.1|	1605	1619	11900	8.98	8.98	8.76	26.75	4.37	9.15	13.2	2.32
56	gi|187828880|ref|NP_001120693.1|	1606	1620	11901	9.69	8.98	14.08	26.64	4.54	9.69	10.08	4.27
56	gi|187828880|ref|NP_001120693.1|	1607	1621	11902	12.73	8.98	17.95	26.74	6.93	12.73	24.18	4.97
56	gi|187828880|ref|NP_001120693.1|	1608	1622	11903	6.18	6.18	2.84	4.53	9.67	21.45	8.6	3.71
56	gi|187828880|ref|NP_001120693.1|	1609	1623	11904	3.45	6.18	3.45	3.23	9.67	45.85	3.26	3.26
56	gi|187828880|ref|NP_001120693.1|	1610	1624	11905	7.29	23.29	7.29	3.28	9.67	69.14	3.26	3.78
56	gi|187828880|ref|NP_001120693.1|	1611	1625	11906	9.67	9.79	9.83	2.44	9.67	63.95	3.26	3.68
56	gi|187828880|ref|NP_001120693.1|	1612	1626	11907	9.56	9.56	12.85	2.44	9.67	61.37	3.26	3.77
56	gi|187828880|ref|NP_001120693.1|	1613	1627	11908	9.6	9.6	17.36	4.01	9.67	49.5	3.26	4.02
56	gi|187828880|ref|NP_001120693.1|	1614	1628	11909	9.54	9.54	19.45	4.48	9.67	45.48	5.39	4.09
56	gi|187828880|ref|NP_001120693.1|	1615	1629	11910	12.36	12.36	35.16	7.45	16.28	38.08	6.7	4.46
56	gi|187828880|ref|NP_001120693.1|	1616	1630	11911	16.28	9.7	39.28	4.8	16.28	36.26	23.76	5.42
56	gi|187828880|ref|NP_001120693.1|	1617	1631	11912	14.68	9.67	38.76	5.08	16.28	39.74	14.68	5.42
56	gi|187828880|ref|NP_001120693.1|	1618	1632	11913	16.28	10.67	32.35	6.46	16.28	37.56	19.18	7.81
56	gi|187828880|ref|NP_001120693.1|	1619	1633	11914	9.72	5.68	25.55	6.18	0.91	18.33	14.69	9.72
56	gi|187828880|ref|NP_001120693.1|	1620	1634	11915	8.14	5.68	26.84	6.89	0.82	15.22	16.42	8.14
56	gi|187828880|ref|NP_001120693.1|	1621	1635	11916	10.45	5.68	28.48	6.95	0.78	10.45	17.33	15.91
56	gi|187828880|ref|NP_001120693.1|	1622	1636	11917	8.41	5.68	29.92	7.14	0.78	8.41	26.92	15.91
56	gi|187828880|ref|NP_001120693.1|	1623	1637	11918	15.91	5.68	34.06	18.73	1.31	10.69	38.46	15.91
56	gi|187828880|ref|NP_001120693.1|	1624	1638	11919	17.04	10.69	41.41	30.27	2.23	17.04	61.79	15.91
56	gi|187828880|ref|NP_001120693.1|	1629	1643	11920	14.65	13.04	14.65	5.56	30.27	48.35	58.68	2.68
56	gi|187828880|ref|NP_001120693.1|	1630	1644	11921	17.85	13.04	17.85	5.39	33.68	48.93	25.62	2.68
56	gi|187828880|ref|NP_001120693.1|	1631	1645	11922	17.58	13.04	17.58	8.01	34.42	51.51	25.62	2.68
56	gi|187828880|ref|NP_001120693.1|	1632	1646	11923	14.23	6.62	14.23	8.01	31.14	50.01	25.62	2.68
56	gi|187828880|ref|NP_001120693.1|	1633	1647	11924	9.25	6.62	9.25	4.75	38.79	47.88	25.62	2.68
56	gi|187828880|ref|NP_001120693.1|	1634	1648	11925	13.15	6.62	13.15	10.6	42.82	49.64	25.62	3.7
56	gi|187828880|ref|NP_001120693.1|	1635	1649	11926	17.6	6.62	17.6	11.87	42.44	56.19	25.62	3.67
56	gi|187828880|ref|NP_001120693.1|	1641	1655	11927	11.56	11.56	10.14	5.44	9.78	42.13	48.79	15.43
56	gi|187828880|ref|NP_001120693.1|	1642	1656	11928	14.73	11.56	14.73	5.52	9.69	38.55	47.07	15.39
56	gi|187828880|ref|NP_001120693.1|	1643	1657	11929	14.54	11.56	14.81	5.05	9.06	33.99	48.79	14.54
56	gi|187828880|ref|NP_001120693.1|	1644	1658	11930	14.53	7.19	20.01	5.05	12.87	26.69	48.79	14.53
56	gi|187828880|ref|NP_001120693.1|	1645	1659	11931	19.65	7.19	19.65	5.7	17.79	20.25	48.79	21.76
56	gi|187828880|ref|NP_001120693.1|	1647	1661	11932	19.08	7.19	29.8	13.06	21.06	10.84	39.1	19.08
56	gi|187828880|ref|NP_001120693.1|	1648	1662	11933	14.32	7.19	25.13	14.32	26.02	7.23	36.53	3.69
56	gi|187828880|ref|NP_001120693.1|	1649	1663	11934	8.73	3.67	12.84	8.73	15.97	5.06	29.49	2.94
56	gi|187828880|ref|NP_001120693.1|	1650	1664	11935	7.84	3.67	17.46	7.84	15.26	4.15	21.72	2.92
56	gi|187828880|ref|NP_001120693.1|	1651	1665	11936	4.04	3.67	21.08	2.88	14.32	4.04	7.86	2.92
56	gi|187828880|ref|NP_001120693.1|	1652	1666	11937	4.09	3.67	25.13	2.88	13.73	4.09	6.4	2.92
56	gi|187828880|ref|NP_001120693.1|	1653	1667	11938	3.44	3.67	3.44	2.15	15.96	2.06	5.83	1.05
56	gi|187828880|ref|NP_001120693.1|	1654	1668	11939	0.75	3.67	0.18	0.06	17.7	0.37	4.47	0.75
56	gi|187828880|ref|NP_001120693.1|	1655	1669	11940	0.57	3.67	0.16	0.06	19.65	0.08	3.71	0.57
56	gi|187828880|ref|NP_001120693.1|	1656	1670	11941	0.39	3.26	0.16	0.05	21.05	0.07	4.46	0.39
56	gi|187828880|ref|NP_001120693.1|	1657	1671	11942	0.51	2.21	0.14	0.06	13.07	0.04	4.52	0.51
56	gi|187828880|ref|NP_001120693.1|	1658	1672	11943	0.72	2.84	0.15	0.06	11.38	0.01	5.43	0.72
56	gi|187828880|ref|NP_001120693.1|	1659	1673	11944	0.86	3.19	0.31	0.17	11.28	0.02	3.06	0.86
56	gi|187828880|ref|NP_001120693.1|	1660	1674	11945	0.86	4.29	0.42	0.38	11.42	0.06	1.65	0.86
56	gi|187828880|ref|NP_001120693.1|	1661	1675	11946	4.01	4.37	4.01	16.42	17.63	0.08	2.51	0.91

Table 2

56	gi|187828880|ref|NP_001120693.1|	1662	1676	11947	4.14	4.37	4.14	10.42	28.15	0.69	1.54	1.88
56	gi|187828880|ref|NP_001120693.1|	1663	1677	11948	5.24	5.24	8.98	2.37	39.03	5.36	0.94	1.62
56	gi|187828880|ref|NP_001120693.1|	1664	1678	11949	6.18	5.24	17.01	2.06	13.91	11.23	0.74	6.18
56	gi|187828880|ref|NP_001120693.1|	1665	1679	11950	5.24	5.24	16.98	1.21	13.91	8.1	0.66	4.69
56	gi|187828880|ref|NP_001120693.1|	1666	1680	11951	2.1	1.99	7.26	0.97	13.91	2.1	0.62	4.69
56	gi|187828880|ref|NP_001120693.1|	1667	1681	11952	3.58	3.58	5.37	0.94	13.91	0.67	2.04	4.69
56	gi|187828880|ref|NP_001120693.1|	1668	1682	11953	3.11	2.95	4.16	1.34	13.91	0.43	3.11	4.69
56	gi|187828880|ref|NP_001120693.1|	1669	1683	11954	4.59	3.95	4.59	2.08	13.91	0.44	6.96	4.69
56	gi|187828880|ref|NP_001120693.1|	1670	1684	11955	6.57	4.46	6.57	6.12	13.91	0.86	16.72	8.31
56	gi|187828880|ref|NP_001120693.1|	1671	1685	11956	9.06	7.82	9.06	5.79	39.56	3.51	22.14	13.77
56	gi|187828880|ref|NP_001120693.1|	1672	1686	11957	9.28	8.64	9.28	1.04	32.97	23.66	13.9	5.05
56	gi|187828880|ref|NP_001120693.1|	1674	1688	11958	19.29	26.99	19.29	0.94	24.55	65.68	1.76	5.05
56	gi|187828880|ref|NP_001120693.1|	1675	1689	11959	5.05	4.37	5.77	0.9	7.26	46.13	0.7	5.05
56	gi|187828880|ref|NP_001120693.1|	1676	1690	11960	5.05	4.37	7.17	1.15	6.94	30.71	0.73	5.05
56	gi|187828880|ref|NP_001120693.1|	1677	1691	11961	2.2	4.37	2.2	1.2	6.6	16.04	1.51	2.16
56	gi|187828880|ref|NP_001120693.1|	1678	1692	11962	2.02	4.37	2.01	1.29	6.18	7.86	1.42	2.02
56	gi|187828880|ref|NP_001120693.1|	1679	1693	11963	3.31	3.31	2.73	2.58	7.69	4.56	3.67	1.87
56	gi|187828880|ref|NP_001120693.1|	1680	1694	11964	1.87	3.31	0.85	1.01	9.9	1.81	5.38	1.87
56	gi|187828880|ref|NP_001120693.1|	1681	1695	11965	1.87	3.31	0.87	1.04	11.91	0.93	14.52	1.87
56	gi|187828880|ref|NP_001120693.1|	1682	1696	11966	2.03	3.31	1.68	2.03	27.81	1.22	16.85	1.87
56	gi|187828880|ref|NP_001120693.1|	1683	1697	11967	1.87	3.31	0.9	1.83	15.61	1.62	18.55	1.87
56	gi|187828880|ref|NP_001120693.1|	1684	1698	11968	3.31	3.31	1.12	2.52	15.52	2.6	19.35	3.46
56	gi|187828880|ref|NP_001120693.1|	1685	1699	11969	5.98	3.31	1.54	5.98	16.5	7.09	29.02	4.86
56	gi|187828880|ref|NP_001120693.1|	1686	1700	11970	14.24	14.24	2.41	6.46	18.38	15.65	21.2	5.05
56	gi|187828880|ref|NP_001120693.1|	1689	1703	11971	14.01	2.71	14.01	5.84	37.07	48.67	22.29	2.44
56	gi|187828880|ref|NP_001120693.1|	1690	1704	11972	14.01	2.71	14.01	5.98	15.31	60.89	20.04	2.44
56	gi|187828880|ref|NP_001120693.1|	1691	1705	11973	3.38	1.14	31.19	3.38	7.23	63.81	0.49	1.53
56	gi|187828880|ref|NP_001120693.1|	1692	1706	11974	2.58	1.14	31.19	2.58	7.23	63.9	0.49	1.53
56	gi|187828880|ref|NP_001120693.1|	1693	1707	11975	2.87	1.14	31.19	2.87	7.23	68.98	0.56	2.16
56	gi|187828880|ref|NP_001120693.1|	1694	1708	11976	2.81	2.68	3.16	2.81	1.37	79.48	1.24	4.19
56	gi|187828880|ref|NP_001120693.1|	1695	1709	11977	2.65	2.65	3.03	1.97	1.48	89.54	1.56	5.27
56	gi|187828880|ref|NP_001120693.1|	1696	1710	11978	5.12	9.44	5.12	1.2	3.13	91.22	2.83	7.22
56	gi|187828880|ref|NP_001120693.1|	1697	1711	11979	4.75	18.7	4.75	1.15	0.86	88.52	2.22	8.37
56	gi|187828880|ref|NP_001120693.1|	1698	1712	11980	2.99	2.99	4.51	1.27	0.61	43.2	3.3	1.05
56	gi|187828880|ref|NP_001120693.1|	1699	1713	11981	2.37	2.99	2.37	1.2	0.57	23.36	4.38	1.05
56	gi|187828880|ref|NP_001120693.1|	1700	1714	11982	2.37	2.99	2.37	1.5	0.13	16.25	4.73	1.05
56	gi|187828880|ref|NP_001120693.1|	1701	1715	11983	3.47	2.99	5.84	2.92	7.04	16.76	3.47	1.05
56	gi|187828880|ref|NP_001120693.1|	1702	1716	11984	3.35	2.99	8.2	3.35	7.04	17.74	0.83	1.05
56	gi|187828880|ref|NP_001120693.1|	1703	1717	11985	7.04	9.29	11.49	3.82	7.04	20.81	0.83	2.03
56	gi|187828880|ref|NP_001120693.1|	1704	1718	11986	9.97	9.97	15.06	3.75	11.09	33.35	1.18	2.27
56	gi|187828880|ref|NP_001120693.1|	1705	1719	11987	7.8	36.62	7.8	2.28	11.09	52.35	1.32	7.43
56	gi|187828880|ref|NP_001120693.1|	1706	1720	11988	11.09	41.08	12.55	4.32	11.09	61.9	3.89	7.94
56	gi|187828880|ref|NP_001120693.1|	1707	1721	11989	12.93	17.6	12.93	5.07	11.09	61.78	9.59	13.89
56	gi|187828880|ref|NP_001120693.1|	1708	1722	11990	13.98	18.44	17.07	5.16	11.09	63.41	9.98	13.98
56	gi|187828880|ref|NP_001120693.1|	1711	1725	11991	18.38	8.84	33.5	17.5	14.66	81.73	18.38	45.91
56	gi|187828880|ref|NP_001120693.1|	1725	1739	11992	17.04	10.22	7.29	48.85	4.21	79.39	72.21	17.04
56	gi|187828880|ref|NP_001120693.1|	1726	1740	11993	10.22	10.22	7.69	45.54	3.78	58.32	72.21	7.07
56	gi|187828880|ref|NP_001120693.1|	1727	1741	11994	10.22	10.22	7.4	20.29	3.42	46.94	25.97	6.61

Table 2

56	gi|187828880|ref|NP_001120693.1|	1728	1742	11995	10.22	10.22	6.93	19.5	2.9	34.99	27.4	6.42
56	gi|187828880|ref|NP_001120693.1|	1729	1743	11996	10.22	10.22	8.01	18.77	4.96	31.02	27.94	6.3
56	gi|187828880|ref|NP_001120693.1|	1730	1744	11997	10.22	10.22	9.42	18.43	7.74	30.85	49.62	7.34
56	gi|187828880|ref|NP_001120693.1|	1731	1745	11998	13.9	10.22	11.57	18.65	12	37.88	52.22	13.9
56	gi|187828880|ref|NP_001120693.1|	1733	1747	11999	12.69	13.04	12.69	10.72	10.07	40.6	16.1	9.44
56	gi|187828880|ref|NP_001120693.1|	1734	1748	12000	10.07	13.04	5.05	4.88	10.07	33.35	16.39	9.44
56	gi|187828880|ref|NP_001120693.1|	1735	1749	12001	10.38	13.04	4.9	4.39	10.38	27.82	12.85	6.59
56	gi|187828880|ref|NP_001120693.1|	1736	1750	12002	9.98	13.04	3.81	4.02	10.25	24.42	9.98	3.43
56	gi|187828880|ref|NP_001120693.1|	1737	1751	12003	8.84	12.33	5.53	4.02	13.53	19.98	8.84	0.7
56	gi|187828880|ref|NP_001120693.1|	1738	1752	12004	6.27	12.33	7.32	4.3	6.27	22.35	3.76	0.7
56	gi|187828880|ref|NP_001120693.1|	1739	1753	12005	7.73	12.33	9.54	7.73	6.27	31.82	3.49	0.7
56	gi|187828880|ref|NP_001120693.1|	1740	1754	12006	6.27	3.93	14.66	6.5	6.27	35.24	2.29	0.7
56	gi|187828880|ref|NP_001120693.1|	1741	1755	12007	3.93	3.93	14.66	1	6.27	41.34	3.1	0.7
56	gi|187828880|ref|NP_001120693.1|	1742	1756	12008	3.93	3.93	14.66	1	6.27	47.57	3.4	1.13
56	gi|187828880|ref|NP_001120693.1|	1743	1757	12009	6.08	6.08	25.57	1	21.2	32.09	4.37	1.2
56	gi|187828880|ref|NP_001120693.1|	1744	1758	12010	5.57	5.57	9.21	1	4.92	12.93	5.19	10.53
56	gi|187828880|ref|NP_001120693.1|	1745	1759	12011	8.87	8.87	9.21	1	4.48	7.25	32.74	9.94
56	gi|187828880|ref|NP_001120693.1|	1746	1760	12012	8.11	9.39	9.21	2.22	4.1	6.59	30.74	8.11
56	gi|187828880|ref|NP_001120693.1|	1747	1761	12013	7.12	11.43	9.21	3.53	3.54	7.12	59.47	6.04
56	gi|187828880|ref|NP_001120693.1|	1748	1762	12014	11.1	18.08	9.27	45.58	5.32	11.1	65.67	8.95
56	gi|187828880|ref|NP_001120693.1|	1782	1796	12015	4.07	37.73	0.51	1.33	4.07	81.02	49.63	1.44
56	gi|187828880|ref|NP_001120693.1|	1783	1797	12016	4.07	41.11	0.41	1.04	4.07	78.6	33.89	1.26
56	gi|187828880|ref|NP_001120693.1|	1784	1798	12017	4.07	18.86	0.41	1.08	4.07	77.93	26.24	1.31
56	gi|187828880|ref|NP_001120693.1|	1785	1799	12018	4.07	14.42	0.41	1.14	4.07	76.42	23.47	1.1
56	gi|187828880|ref|NP_001120693.1|	1786	1800	12019	4.07	13.9	0.41	1.18	4.07	72.67	23.47	1.1
56	gi|187828880|ref|NP_001120693.1|	1787	1801	12020	4.07	14.37	1.1	3.87	4.07	70.99	23.47	2.53
56	gi|187828880|ref|NP_001120693.1|	1788	1802	12021	4.07	10.91	0.27	0.37	4.07	62.63	23.47	0.62
56	gi|187828880|ref|NP_001120693.1|	1789	1803	12022	9.77	9.77	7.6	0.38	17.21	56.25	23.47	0.62
56	gi|187828880|ref|NP_001120693.1|	1790	1804	12023	7.6	4.77	7.6	0.37	11.83	54.21	23.47	0.62
56	gi|187828880|ref|NP_001120693.1|	1791	1805	12024	9.37	4.77	9.37	0.32	11.78	52.66	23.47	0.62
56	gi|187828880|ref|NP_001120693.1|	1792	1806	12025	10.12	4.77	10.12	0.32	12.92	54.49	28.22	0.62
56	gi|187828880|ref|NP_001120693.1|	1793	1807	12026	4.77	4.77	12.11	1.01	0.69	59.41	26.13	0.62
56	gi|187828880|ref|NP_001120693.1|	1794	1808	12027	4.77	4.77	16.5	0.85	0.8	66.87	17.86	0.62
56	gi|187828880|ref|NP_001120693.1|	1795	1809	12028	9.2	6.58	23.99	1.93	0.56	68.17	17.86	9.2
56	gi|187828880|ref|NP_001120693.1|	1796	1810	12029	9.54	2.83	14.99	2.33	0.5	67.13	17.86	9.54
56	gi|187828880|ref|NP_001120693.1|	1797	1811	12030	3.33	2.55	14.99	0.89	0.5	67.34	17.86	3.33
56	gi|187828880|ref|NP_001120693.1|	1798	1812	12031	3.53	2.54	14.99	1.2	0.47	68.87	17.86	3.53
56	gi|187828880|ref|NP_001120693.1|	1799	1813	12032	3.83	2.44	14.99	1.52	0.47	69.43	17.86	3.83
56	gi|187828880|ref|NP_001120693.1|	1800	1814	12033	8.48	5.06	13.96	1.52	8.48	61.28	17.86	3.67
56	gi|187828880|ref|NP_001120693.1|	1801	1815	12034	8.09	5.27	14.99	1.91	8.09	61.34	23.04	6.18
56	gi|187828880|ref|NP_001120693.1|	1802	1816	12035	11.15	11.15	14.99	6.11	0.26	54.65	21.83	9.16
56	gi|187828880|ref|NP_001120693.1|	1803	1817	12036	9.03	2.44	17.64	6.2	0.01	32.46	21.83	9.03
56	gi|187828880|ref|NP_001120693.1|	1804	1818	12037	17.58	1.8	23.51	17.58	0.01	27.65	21.83	15.88
56	gi|187828880|ref|NP_001120693.1|	1811	1825	12038	14.09	1.38	17.06	14.09	13.17	8.71	53.28	14.13
56	gi|187828880|ref|NP_001120693.1|	1812	1826	12039	14.13	1.3	17.06	14.38	12.23	5.6	55.01	14.13
56	gi|187828880|ref|NP_001120693.1|	1813	1827	12040	14.13	0.75	17.06	14.48	11.95	4.18	63.29	14.13
56	gi|187828880|ref|NP_001120693.1|	1814	1828	12041	14.13	0.51	17.06	11.76	15.13	4.54	64.15	14.13
56	gi|187828880|ref|NP_001120693.1|	1815	1829	12042	17.06	1.1	17.06	10.26	25.53	8.03	51.35	20.4

Table 2

56	gi|187828880|ref|NP_001120693.1|	1816	1830	12043	17.06	2.28	17.06	15.14	41.28	14.51	51.35	23.85
56	gi|187828880|ref|NP_001120693.1|	1843	1857	12044	16.17	16.17	27.33	6.54	21.3	8.15	42.36	0.18
56	gi|187828880|ref|NP_001120693.1|	1844	1858	12045	13.49	13.49	21.47	6.54	20.48	3.79	34.19	0.07
56	gi|187828880|ref|NP_001120693.1|	1845	1859	12046	11.26	11.26	18.83	6.54	20.78	2.6	47.27	0.04
56	gi|187828880|ref|NP_001120693.1|	1846	1860	12047	4.8	4.12	22.1	4.8	27.66	2.7	47.77	0.02
56	gi|187828880|ref|NP_001120693.1|	1847	1861	12048	5.64	5.64	17.78	5.14	32.44	4.9	32.23	0.07
56	gi|187828880|ref|NP_001120693.1|	1848	1862	12049	13.37	13.37	17.78	12.71	36.61	8.88	27.44	0.14
56	gi|187828880|ref|NP_001120693.1|	1849	1863	12050	6.94	8.67	1.9	0.23	39.63	9.44	6.94	0.31
56	gi|187828880|ref|NP_001120693.1|	1850	1864	12051	5.72	11.27	2.97	0.24	39.63	6.12	5.72	3.09
56	gi|187828880|ref|NP_001120693.1|	1851	1865	12052	2.7	2.56	2.75	0.2	39.63	2.44	4.49	2.7
56	gi|187828880|ref|NP_001120693.1|	1852	1866	12053	2.91	2.71	4.96	0.21	39.63	2.18	3.24	2.91
56	gi|187828880|ref|NP_001120693.1|	1853	1867	12054	2.67	2.67	6.65	0.21	39.63	2.22	2.73	2.34
56	gi|187828880|ref|NP_001120693.1|	1854	1868	12055	3.95	3.21	9.66	1.01	55.45	3.95	4.55	3.21
56	gi|187828880|ref|NP_001120693.1|	1855	1869	12056	8.36	3.4	12.51	1.31	75.22	9.62	8.36	3.98
56	gi|187828880|ref|NP_001120693.1|	1872	1886	12057	15.71	13.89	38.78	7.01	34.97	15.71	1.47	25.52
56	gi|187828880|ref|NP_001120693.1|	1873	1887	12058	6.33	0.04	38.78	7.63	1.1	6.33	1.47	21.11
56	gi|187828880|ref|NP_001120693.1|	1874	1888	12059	4.51	0.04	38.78	11.3	0.84	4.51	2.24	26.47
56	gi|187828880|ref|NP_001120693.1|	1875	1889	12060	4.95	0.04	38.78	11.43	0.76	4.12	4.95	26.57
56	gi|187828880|ref|NP_001120693.1|	1876	1890	12061	5.91	0.04	47.45	12.45	0.73	4.39	5.91	27.93
56	gi|187828880|ref|NP_001120693.1|	1877	1891	12062	17.96	0.04	70.96	21.86	1.36	7.44	17.96	28.54
56	gi|187828880|ref|NP_001120693.1|	1885	1899	12063	14.08	3.67	14.08	11.69	7.43	18.72	45.81	21.62
56	gi|187828880|ref|NP_001120693.1|	1886	1900	12064	13.5	10.28	13.5	10.83	34.32	5.25	34.71	21.62
56	gi|187828880|ref|NP_001120693.1|	1887	1901	12065	7.95	5.17	0.25	8.14	9.99	2.1	26.48	7.95
56	gi|187828880|ref|NP_001120693.1|	1888	1902	12066	7.88	5.06	0.43	7.88	10.54	1.3	21.93	7.95
56	gi|187828880|ref|NP_001120693.1|	1889	1903	12067	7.95	4.98	0.73	12.59	9.84	1.18	24.51	7.95
56	gi|187828880|ref|NP_001120693.1|	1890	1904	12068	7.27	6.65	1.2	14.35	9.84	2.29	29.2	7.27
56	gi|187828880|ref|NP_001120693.1|	1891	1905	12069	8.18	4.29	1.8	11.64	9.84	8.18	14.72	7.95
56	gi|187828880|ref|NP_001120693.1|	1892	1906	12070	9.84	7.12	2.63	12.39	9.84	26.03	15.91	7.95
56	gi|187828880|ref|NP_001120693.1|	1893	1907	12071	9.84	7.12	2.63	11.56	9.84	37.74	10.55	7.95
56	gi|187828880|ref|NP_001120693.1|	1894	1908	12072	11.69	7.12	22.11	11.69	12.47	31.56	5.84	6.6
56	gi|187828880|ref|NP_001120693.1|	1895	1909	12073	9.84	7.12	11.16	10.81	9.84	12.4	4.27	5.42
56	gi|187828880|ref|NP_001120693.1|	1896	1910	12074	7.12	7.12	11.85	14.61	16.85	5.98	2.92	5.42
56	gi|187828880|ref|NP_001120693.1|	1897	1911	12075	7.12	7.12	14.22	19.35	16.85	4.39	3.66	5.42
56	gi|187828880|ref|NP_001120693.1|	1898	1912	12076	8.84	8.84	19.05	24.57	16.85	5.47	5.41	5.42
56	gi|187828880|ref|NP_001120693.1|	1899	1913	12077	14.41	14.41	33.49	28.46	16.85	8.36	12.79	5.42
56	gi|187828880|ref|NP_001120693.1|	1900	1914	12078	16.85	14.41	39.4	34.45	16.85	15.14	17.82	6.76
56	gi|187828880|ref|NP_001120693.1|	1901	1915	12079	15.14	10.25	43.51	29.61	15.14	38.01	14.77	5.42
56	gi|187828880|ref|NP_001120693.1|	1902	1916	12080	20	10.25	43.51	29.97	15.14	56.74	20	11.65
56	gi|187828880|ref|NP_001120693.1|	1921	1935	12081	11.14	13.37	31.19	8.01	11.14	31.35	9.28	5.29
56	gi|187828880|ref|NP_001120693.1|	1922	1936	12082	12.18	15	31.19	4.81	12.18	20.92	9.28	6.38
56	gi|187828880|ref|NP_001120693.1|	1923	1937	12083	12.18	14.8	31.19	4.66	12.18	16.24	9.28	5.97
56	gi|187828880|ref|NP_001120693.1|	1924	1938	12084	12.18	5	63.62	3.75	12.18	14.66	14.97	6.63
56	gi|187828880|ref|NP_001120693.1|	1925	1939	12085	11.25	4.78	60.92	3.75	12.18	16.04	11.25	6.78
56	gi|187828880|ref|NP_001120693.1|	1926	1940	12086	15.74	4.7	69.61	7.53	44.08	23.52	15.74	13.93
56	gi|187828880|ref|NP_001120693.1|	1927	1941	12087	13.33	4.4	40.48	8.08	41.43	28	13.33	13.21
56	gi|187828880|ref|NP_001120693.1|	1937	1951	12088	9.97	7.64	5.32	7.32	45.95	31.48	35.27	9.97
56	gi|187828880|ref|NP_001120693.1|	1938	1952	12089	12.46	7.64	5.97	12.46	45.95	39.74	34.97	9.97
56	gi|187828880|ref|NP_001120693.1|	1939	1953	12090	12.46	7.64	5.82	12.46	45.95	50.07	36.86	9.97

Table 2

56	gi|187828880|ref|NP_001120693.1|	1947	1961	12091	18.7	18.7	12.27	12.23	29.29	37.25	35.89	6.6
56	gi|187828880|ref|NP_001120693.1|	1948	1962	12092	12.23	23.54	5.95	12.23	6.62	26.27	26.58	6.6
56	gi|187828880|ref|NP_001120693.1|	1949	1963	12093	11.69	21.14	6.21	11.69	6.62	20.9	20.08	6.6
56	gi|187828880|ref|NP_001120693.1|	1950	1964	12094	9.58	15.37	9.58	9.9	6.62	21.84	9.05	6.6
56	gi|187828880|ref|NP_001120693.1|	1951	1965	12095	9.51	14.71	12.36	9.51	6.62	22.03	9.05	4.01
56	gi|187828880|ref|NP_001120693.1|	1952	1966	12096	9.05	17.24	16.44	7.7	6.62	28.3	9.05	7.61
56	gi|187828880|ref|NP_001120693.1|	1953	1967	12097	9.05	16.85	20.86	7.88	6.62	34.39	9.05	5.1
56	gi|187828880|ref|NP_001120693.1|	1954	1968	12098	9.05	17.51	32.65	5.5	3.58	34.12	9.05	5.42
56	gi|187828880|ref|NP_001120693.1|	1955	1969	12099	9.05	12.33	47.29	8.75	2.31	24.39	9.05	5.39
56	gi|187828880|ref|NP_001120693.1|	1956	1970	12100	9.05	12.33	53.94	6.61	3.41	21.26	9.05	4.86
56	gi|187828880|ref|NP_001120693.1|	1957	1971	12101	12.33	12.33	60.42	4.18	3.49	17.48	19.35	4.93
56	gi|187828880|ref|NP_001120693.1|	1958	1972	12102	13.66	13.66	60.42	3.14	3.92	16.06	17.31	5.37
56	gi|187828880|ref|NP_001120693.1|	1959	1973	12103	8.34	8.34	42.98	3.14	4.2	8.65	20.05	0.49
56	gi|187828880|ref|NP_001120693.1|	1960	1974	12104	1.08	8.34	1.08	3.59	0.02	0.37	19.99	0.26
56	gi|187828880|ref|NP_001120693.1|	1961	1975	12105	5.33	8.34	0.96	5.33	7.12	0.07	24.57	0.2
56	gi|187828880|ref|NP_001120693.1|	1962	1976	12106	6.66	8.34	0.81	9.24	6.66	0.04	26.57	0.18
56	gi|187828880|ref|NP_001120693.1|	1963	1977	12107	6.02	8.34	0.63	11.17	6.02	0.04	26.57	0.23
56	gi|187828880|ref|NP_001120693.1|	1964	1978	12108	8.34	8.34	0.88	12.96	10.58	0.07	26.57	0.45
56	gi|187828880|ref|NP_001120693.1|	1965	1979	12109	8.34	8.34	1.1	26.72	19.94	0.17	9.31	0.7
56	gi|187828880|ref|NP_001120693.1|	1966	1980	12110	8.86	13.62	1.73	28.03	36.72	6.66	8.86	0.7
56	gi|187828880|ref|NP_001120693.1|	1983	1997	12111	12.68	9.46	74.61	26.6	12.68	24.41	0.79	3.73
56	gi|187828880|ref|NP_001120693.1|	1984	1998	12112	12.68	9.45	76.43	26.85	12.68	22.74	1.14	3.7
56	gi|187828880|ref|NP_001120693.1|	1985	1999	12113	12.68	9.57	80.17	33.3	12.68	25.2	7.29	3.89
56	gi|187828880|ref|NP_001120693.1|	2025	2039	12114	16.43	6.91	13.75	16.43	59.09	54.33	30.64	5.58
56	gi|187828880|ref|NP_001120693.1|	2116	2130	12115	16.31	5.08	14.88	16.31	63.11	36.34	62.36	11.32
56	gi|187828880|ref|NP_001120693.1|	2118	2132	12116	18.15	16.04	20.07	16.41	63.11	18.15	55.81	14.34
56	gi|187828880|ref|NP_001120693.1|	2119	2133	12117	16.1	16.1	20.07	13.18	63.11	14.21	50.8	14.34
56	gi|187828880|ref|NP_001120693.1|	2120	2134	12118	17.28	16.18	20.07	13.71	75.22	17.28	53.81	14.34
56	gi|187828880|ref|NP_001120693.1|	2122	2136	12119	13.99	4.34	13.99	13.39	75.22	38.1	59.68	6.6
57	gi|187828892|ref|NP_001120694.1|	42	56	12120	12.4	15.15	12.4	24.19	42.99	6.57	9.08	6.6
57	gi|187828892|ref|NP_001120694.1|	43	57	12121	7.34	15.15	12.24	24.19	7.34	2.2	7.27	6.6
57	gi|187828892|ref|NP_001120694.1|	44	58	12122	7.34	15.15	12.12	24.19	7.34	1.51	5.32	6.6
57	gi|187828892|ref|NP_001120694.1|	45	59	12123	8.07	15.15	10.25	24.19	7.34	1.28	8.07	6.45
57	gi|187828892|ref|NP_001120694.1|	46	60	12124	12.81	15.15	12.81	21.31	7.34	1.88	20.77	6.6
57	gi|187828892|ref|NP_001120694.1|	47	61	12125	8.31	15.15	8.31	26.45	7.34	4.84	24.52	6.6
57	gi|187828892|ref|NP_001120694.1|	48	62	12126	14.92	15.15	6.59	28.35	7.34	14.92	24.52	6.6
57	gi|187828892|ref|NP_001120694.1|	52	66	12127	19.17	21.27	9.92	17.95	19.17	37.18	16.02	32.24
57	gi|187828892|ref|NP_001120694.1|	53	67	12128	14.51	13.28	6.59	2.25	19.17	38.78	14.51	14.56
57	gi|187828892|ref|NP_001120694.1|	54	68	12129	14.51	11.59	6.88	2.15	19.17	30.09	14.51	15.37
57	gi|187828892|ref|NP_001120694.1|	55	69	12130	14.51	11.59	26.63	2.15	19.17	25.22	14.51	12.28
57	gi|187828892|ref|NP_001120694.1|	56	70	12131	14.51	11.59	38.55	2.15	19.17	23.63	14.51	6.65
57	gi|187828892|ref|NP_001120694.1|	57	71	12132	14.51	11.59	41.25	2.38	31.63	23.51	14.51	6.82
57	gi|187828892|ref|NP_001120694.1|	58	72	12133	14.51	11.59	25.33	7.63	35.34	24.45	14.51	8.07
57	gi|187828892|ref|NP_001120694.1|	59	73	12134	16.71	16.71	28.53	7.94	36.7	27.05	11.09	8.06
57	gi|187828892|ref|NP_001120694.1|	66	80	12135	8.1	1.81	4.9	6.5	14.3	8.1	32.43	18.44
57	gi|187828892|ref|NP_001120694.1|	67	81	12136	5.85	0.81	5.85	5.82	13	3.98	37.02	18.44
57	gi|187828892|ref|NP_001120694.1|	68	82	12137	8.09	0.48	8.09	5.8	13.29	3.21	31.09	16.56
57	gi|187828892|ref|NP_001120694.1|	69	83	12138	12.68	0.47	12.68	5.8	13.59	4.09	29.46	16.56

Table 2

57	gi|187828892|ref|NP_001120694.1|	70	84	12139	16.56	1.13	17.42	5.88	17.26	6.19	24.41	16.56
57	gi|187828892|ref|NP_001120694.1|	71	85	12140	16.56	2.5	17.78	13	22.8	12.53	18.54	16.56
57	gi|187828892|ref|NP_001120694.1|	72	86	12141	16.56	6.18	26.78	10.64	28.18	35.12	14.59	16.56
57	gi|187828892|ref|NP_001120694.1|	73	87	12142	13.96	6.18	2.44	13.96	7.39	33.45	16.65	15.91
57	gi|187828892|ref|NP_001120694.1|	74	88	12143	10.81	6.18	2.99	10.81	7.77	12.18	15.05	15.91
57	gi|187828892|ref|NP_001120694.1|	75	89	12144	5.09	2.64	4.12	8.79	4.9	5.09	13.03	14.36
57	gi|187828892|ref|NP_001120694.1|	76	90	12145	5.45	1.48	5.45	8.95	4.73	2.76	13.4	10.94
57	gi|187828892|ref|NP_001120694.1|	77	91	12146	8.11	1.14	8.11	12.94	5.15	2.49	28.45	12.98
57	gi|187828892|ref|NP_001120694.1|	78	92	12147	10.7	1.56	10.7	17.43	5.76	2.88	58.54	15.49
57	gi|187828892|ref|NP_001120694.1|	79	93	12148	14.93	3.18	14.93	27.28	8.63	6.45	77.17	15.91
57	gi|187828892|ref|NP_001120694.1|	80	94	12149	14.12	6.14	28.91	5.55	14.12	14.6	42.54	3.44
57	gi|187828892|ref|NP_001120694.1|	95	109	12150	16.31	69.86	16.31	13.25	18.78	67.6	15.7	2.52
57	gi|187828892|ref|NP_001120694.1|	96	110	12151	4.14	50.68	4.14	2.42	2.3	56.42	15.37	2.05
57	gi|187828892|ref|NP_001120694.1|	97	111	12152	4.14	7.5	4.14	2.4	2.12	50.08	15.64	2.04
57	gi|187828892|ref|NP_001120694.1|	98	112	12153	4.14	7.14	4.14	2.48	2.09	49.42	4.85	1.98
57	gi|187828892|ref|NP_001120694.1|	99	113	12154	3.86	6.64	3.86	2.14	2.71	37.77	4.85	1.9
57	gi|187828892|ref|NP_001120694.1|	100	114	12155	4.14	6.35	4.14	2.14	2.68	33.09	4.85	1.84
57	gi|187828892|ref|NP_001120694.1|	101	115	12156	4.85	5.4	4.14	2.54	4.93	30.44	4.85	2.12
57	gi|187828892|ref|NP_001120694.1|	102	116	12157	3.31	3.31	4.14	2.32	0.44	28.29	4.85	2.13
57	gi|187828892|ref|NP_001120694.1|	103	117	12158	4.85	4.29	10.86	4.8	16.96	27.88	4.85	4.01
57	gi|187828892|ref|NP_001120694.1|	104	118	12159	7.51	5.69	13.07	7.51	14.96	32.43	4.85	6.39
57	gi|187828892|ref|NP_001120694.1|	105	119	12160	13.07	5.69	13.07	9.17	13.79	42.46	23.66	6.51
57	gi|187828892|ref|NP_001120694.1|	107	121	12161	8.78	5.69	21.88	8.78	19.48	37.57	5.17	4.17
57	gi|187828892|ref|NP_001120694.1|	108	122	12162	8.83	5.69	24.91	8.83	21.3	37.99	5.17	4.38
57	gi|187828892|ref|NP_001120694.1|	109	123	12163	8.7	7.72	29.72	8.7	23.46	41.71	5.17	4.44
57	gi|187828892|ref|NP_001120694.1|	110	124	12164	7.59	5.75	35.68	7.59	22.99	44.2	4.96	4.53
57	gi|187828892|ref|NP_001120694.1|	111	125	12165	9.56	7.23	38.58	9.56	23.46	48.21	4.08	4.67
57	gi|187828892|ref|NP_001120694.1|	112	126	12166	13.57	9.27	46.3	13.57	23.46	54.98	3.64	12.69
57	gi|187828892|ref|NP_001120694.1|	138	152	12167	9.83	16.14	2.07	8.28	9.83	18.51	44.34	1.19
57	gi|187828892|ref|NP_001120694.1|	139	153	12168	9.05	15.33	1.64	5.81	9.98	9.05	37.83	1.23
57	gi|187828892|ref|NP_001120694.1|	140	154	12169	5.34	11.02	2.05	4.8	11.13	5.34	30.47	1.21
57	gi|187828892|ref|NP_001120694.1|	141	155	12170	4.8	10.92	2.09	4.8	11.57	4.19	25.13	2.28
57	gi|187828892|ref|NP_001120694.1|	142	156	12171	8.01	11.02	3.22	8.01	16.75	5.34	38.69	2.68
57	gi|187828892|ref|NP_001120694.1|	143	157	12172	8.44	15.27	3.41	8.01	24.64	8.44	42.92	2.68
57	gi|187828892|ref|NP_001120694.1|	144	158	12173	15.89	15.89	5.27	3.63	32.83	22.92	31.9	2.68
57	gi|187828892|ref|NP_001120694.1|	145	159	12174	4.79	22.4	12.46	3.31	1.96	38.22	4.79	4.24
57	gi|187828892|ref|NP_001120694.1|	146	160	12175	4.18	21.11	12.46	3.16	1.99	52.78	4.18	4.08
57	gi|187828892|ref|NP_001120694.1|	147	161	12176	4.21	18.37	12.46	2.54	2	31.28	4.21	2.44
57	gi|187828892|ref|NP_001120694.1|	148	162	12177	6.74	20	13.51	2.66	2.14	24.76	6.74	2.44
57	gi|187828892|ref|NP_001120694.1|	149	163	12178	11.92	19.98	13.79	2.64	2.31	22.73	11.92	2.44
57	gi|187828892|ref|NP_001120694.1|	150	164	12179	17.9	28.39	25.23	2.68	7.49	22.73	17.9	2.44
57	gi|187828892|ref|NP_001120694.1|	151	165	12180	2.44	29.89	0.88	1.88	0.76	14.44	28.07	2.44
57	gi|187828892|ref|NP_001120694.1|	152	166	12181	7	32.74	1.17	1.88	30.67	7	28.15	2.44
57	gi|187828892|ref|NP_001120694.1|	153	167	12182	5.94	31.87	1.78	4.71	30.67	5.94	29	2.44
57	gi|187828892|ref|NP_001120694.1|	154	168	12183	6.3	34.93	1.88	6.3	38.77	6.14	62.75	5.3
57	gi|187828892|ref|NP_001120694.1|	155	169	12184	6.9	36.21	1.88	6.54	48.51	6.3	59.52	6.9
57	gi|187828892|ref|NP_001120694.1|	156	170	12185	10.14	46.16	1.88	7.95	57.11	9.92	74.9	10.14
57	gi|187828892|ref|NP_001120694.1|	157	171	12186	17.19	64.27	1.88	8.22	64.76	17.19	71.87	12.23

Table 2

57	gi|187828892|ref|NP_001120694.1|	168	182	12187	10.24	4.7	10.24	6.49	15.22	66.72	28.9	0.52
57	gi|187828892|ref|NP_001120694.1|	169	183	12188	10.24	4.7	10.24	2.05	17.34	62.59	22.49	0.5
57	gi|187828892|ref|NP_001120694.1|	170	184	12189	10.24	4.37	10.24	2.03	19.2	64	22.49	0.5
57	gi|187828892|ref|NP_001120694.1|	171	185	12190	10.24	4.37	10.24	1.88	21.49	63.17	22.49	0.48
57	gi|187828892|ref|NP_001120694.1|	172	186	12191	10.24	4.37	10.24	1.55	30.99	62.61	22.49	0.48
57	gi|187828892|ref|NP_001120694.1|	173	187	12192	10.24	4.37	10.24	2.21	40.62	65.94	22.49	1.59
57	gi|187828892|ref|NP_001120694.1|	174	188	12193	10.24	4.37	10.24	4.19	49.85	73.14	22.49	1.59
57	gi|187828892|ref|NP_001120694.1|	175	189	12194	9.21	4.37	9.21	4.98	28.48	71.08	22.49	4.78
57	gi|187828892|ref|NP_001120694.1|	176	190	12195	10.6	4.37	10.6	8.18	25.58	71.08	28.76	5.79
57	gi|187828892|ref|NP_001120694.1|	177	191	12196	18.35	6.71	9.54	18.35	23.41	67.55	28.76	13.11
57	gi|187828892|ref|NP_001120694.1|	185	199	12197	3.66	1.54	1.59	2.61	21.44	3.66	21.35	6.6
57	gi|187828892|ref|NP_001120694.1|	186	200	12198	2.61	2.57	1.1	2.61	21.89	0.81	12.24	6.6
57	gi|187828892|ref|NP_001120694.1|	187	201	12199	2.63	2.63	1.43	2.61	29.59	0.37	6.52	6.6
57	gi|187828892|ref|NP_001120694.1|	188	202	12200	2.61	1.99	1.61	2.61	37.69	0.27	3.16	6.6
57	gi|187828892|ref|NP_001120694.1|	189	203	12201	1.99	1.99	1.61	2.61	37.97	0.17	1.88	6.6
57	gi|187828892|ref|NP_001120694.1|	190	204	12202	1.99	1.99	1.61	4.25	37.97	0.24	1.45	6.6
57	gi|187828892|ref|NP_001120694.1|	191	205	12203	1.38	1.97	1.38	1.81	37.97	0.17	0.59	0.49
57	gi|187828892|ref|NP_001120694.1|	192	206	12204	1.61	1.97	1.61	2.32	54.96	0.17	0.55	0.47
57	gi|187828892|ref|NP_001120694.1|	193	207	12205	1.97	1.97	2.39	1.99	58.41	0.37	0.52	0.46
57	gi|187828892|ref|NP_001120694.1|	194	208	12206	1.97	1.97	3.52	2.25	59.54	0.69	0.47	0.48
57	gi|187828892|ref|NP_001120694.1|	195	209	12207	1.97	1.97	6.09	2.5	59.86	1.51	0.83	0.51
57	gi|187828892|ref|NP_001120694.1|	196	210	12208	4.2	2.21	9.53	6.3	64.95	4.2	0.88	2.02
57	gi|187828892|ref|NP_001120694.1|	197	211	12209	2.3	2.21	4.85	2.3	64.9	12.84	0.73	1.74
57	gi|187828892|ref|NP_001120694.1|	198	212	12210	7.51	9.16	7.51	2.56	62.72	14.55	1.71	3.83
57	gi|187828892|ref|NP_001120694.1|	199	213	12211	2.87	2.05	7.36	2.62	66.26	7.86	1.69	2.87
57	gi|187828892|ref|NP_001120694.1|	200	214	12212	2.51	2.04	3.23	1.54	63.38	3.6	1.84	2.51
57	gi|187828892|ref|NP_001120694.1|	201	215	12213	2.41	2.41	3.51	1.57	63.69	2.07	1.86	2.56
57	gi|187828892|ref|NP_001120694.1|	202	216	12214	2.99	2.41	3.55	2.99	66.28	1.8	1.83	3.76
57	gi|187828892|ref|NP_001120694.1|	203	217	12215	2.92	2.41	4.94	2.92	67.74	2.23	2.52	3.25
57	gi|187828892|ref|NP_001120694.1|	204	218	12216	5.67	4.87	9.28	4.86	71.14	5.23	5.67	11.11
57	gi|187828892|ref|NP_001120694.1|	205	219	12217	11.11	4.89	10.55	13.51	72.33	19.72	5.67	11.11
57	gi|187828892|ref|NP_001120694.1|	206	220	12218	9.97	4.35	12.9	9.6	70.57	32.19	1.73	9.97
57	gi|187828892|ref|NP_001120694.1|	207	221	12219	8.42	6.22	21.36	7.93	72.01	28.18	1.72	8.42
57	gi|187828892|ref|NP_001120694.1|	208	222	12220	5.8	2.96	24.23	3.96	68.09	20.98	2.45	5.8
57	gi|187828892|ref|NP_001120694.1|	209	223	12221	3.59	1.24	16.6	3.51	61.28	15.92	2.13	3.59
57	gi|187828892|ref|NP_001120694.1|	210	224	12222	2.13	1.15	1.5	2.13	58.83	10.7	1.33	2.49
57	gi|187828892|ref|NP_001120694.1|	211	225	12223	2.21	1.29	2.05	2.21	4.63	9.91	1.32	3.21
57	gi|187828892|ref|NP_001120694.1|	212	226	12224	3.16	1.22	1.67	3.16	4.63	9.25	1.14	4.17
57	gi|187828892|ref|NP_001120694.1|	213	227	12225	2.75	1.01	1.48	2.75	4.63	8.5	0.61	4.42
57	gi|187828892|ref|NP_001120694.1|	214	228	12226	2.2	1.01	2.2	3.33	4.63	6.27	0.45	1.27
57	gi|187828892|ref|NP_001120694.1|	215	229	12227	3.04	1.28	3.04	7.16	4.63	4.5	0.56	1.27
57	gi|187828892|ref|NP_001120694.1|	216	230	12228	4.63	1.28	4.96	8.04	4.63	5.29	0.59	1.27
57	gi|187828892|ref|NP_001120694.1|	217	231	12229	4.7	4.7	19.68	7.14	4.63	5.95	0.58	1.27
57	gi|187828892|ref|NP_001120694.1|	218	232	12230	6.72	4.7	19.68	6.72	28.54	10.09	0.21	1.27
57	gi|187828892|ref|NP_001120694.1|	219	233	12231	5.82	4.7	19.68	5.82	28.54	20.18	0.22	3.71
57	gi|187828892|ref|NP_001120694.1|	220	234	12232	4.02	3.99	24.21	4.02	53.14	38.99	1.73	3.59
57	gi|187828892|ref|NP_001120694.1|	221	235	12233	8.63	2.86	31.2	3.82	31.23	53.55	2.22	8.63
57	gi|187828892|ref|NP_001120694.1|	222	236	12234	10.86	2.85	32.16	5.01	29.28	63.1	2.86	10.86

Table 2

57	gi|187828892|ref|NP_001120694.1|	223	237	12235	5.21	2.76	28.3	4.35	5.21	66.31	2.86	10.46
57	gi|187828892|ref|NP_001120694.1|	224	238	12236	5.35	3.01	9.21	5.35	5.21	72.97	2.86	12.45
57	gi|187828892|ref|NP_001120694.1|	225	239	12237	2.46	1.32	2.46	0.11	5.21	80.61	4.45	2.05
57	gi|187828892|ref|NP_001120694.1|	226	240	12238	2.46	1.45	2.46	0.09	5.21	85.95	4.45	2.05
57	gi|187828892|ref|NP_001120694.1|	227	241	12239	2.46	1.45	2.46	0.08	5.21	85.67	4.45	2.05
57	gi|187828892|ref|NP_001120694.1|	228	242	12240	1.16	4.01	0.18	0.07	0.2	82.81	4.45	1.16
57	gi|187828892|ref|NP_001120694.1|	229	243	12241	0.91	4.01	0.18	0.07	0.18	79.22	0.91	1.16
57	gi|187828892|ref|NP_001120694.1|	230	244	12242	1.42	5.27	0.5	0.42	0.26	80.39	1.42	2.15
57	gi|187828892|ref|NP_001120694.1|	231	245	12243	0.59	5.57	0.59	0.34	0.38	80.2	0.58	2.08
57	gi|187828892|ref|NP_001120694.1|	232	246	12244	1.34	4.04	1.34	0.95	0.43	77.08	0.59	2.75
57	gi|187828892|ref|NP_001120694.1|	233	247	12245	1.75	4.31	1.75	1.02	1.11	72.6	0.54	3.49
57	gi|187828892|ref|NP_001120694.1|	234	248	12246	1.81	4.31	1.81	0.99	0.74	69.52	0.71	3.97
57	gi|187828892|ref|NP_001120694.1|	235	249	12247	4.31	4.31	2.03	1.1	10.91	69.24	0.72	4.74
57	gi|187828892|ref|NP_001120694.1|	236	250	12248	4.31	4.31	2.42	3.04	10.91	67.16	4.04	5.44
57	gi|187828892|ref|NP_001120694.1|	237	251	12249	5.16	7.35	2.59	3.39	10.91	57.93	4.04	5.16
57	gi|187828892|ref|NP_001120694.1|	294	308	12250	18.2	18.2	54.97	8.57	6.34	29.76	39.21	17.18
57	gi|187828892|ref|NP_001120694.1|	295	309	12251	14.01	14.48	14.01	7.41	6.34	24.82	33.73	12.86
57	gi|187828892|ref|NP_001120694.1|	296	310	12252	14.01	16.36	14.01	6.15	6.34	25.89	41.22	12.86
57	gi|187828892|ref|NP_001120694.1|	297	311	12253	14.01	22.89	14.01	9.76	6.34	30.68	47.33	12.86
57	gi|187828892|ref|NP_001120694.1|	298	312	12254	9.43	3.6	14.01	8.03	6.34	44.14	37.93	9.43
57	gi|187828892|ref|NP_001120694.1|	299	313	12255	14.01	4.56	14.01	8.81	22.03	63.39	37.93	8.93
57	gi|187828892|ref|NP_001120694.1|	300	314	12256	9.59	4.59	9.71	9.43	28.08	76.52	9.59	8.45
57	gi|187828892|ref|NP_001120694.1|	301	315	12257	9.71	4.36	9.71	11.87	27.35	75.28	8.18	8.44
57	gi|187828892|ref|NP_001120694.1|	302	316	12258	9.71	4.39	9.71	16.63	28.08	77.47	9.34	8.91
57	gi|187828892|ref|NP_001120694.1|	303	317	12259	11.24	11.24	9.71	14.38	28.08	77.89	6.31	9.86
57	gi|187828892|ref|NP_001120694.1|	304	318	12260	11.91	11.91	11.13	20.72	28.08	79.68	6.07	11.75
57	gi|187828892|ref|NP_001120694.1|	309	323	12261	17.02	15.17	40.05	31.11	3.26	68.55	12.97	17.02
57	gi|187828892|ref|NP_001120694.1|	310	324	12262	17.31	12.9	41.52	29.47	2.97	66.44	12.84	17.31
57	gi|187828892|ref|NP_001120694.1|	331	345	12263	9.71	12.33	9.71	1.77	0.29	73.08	44.76	1.4
57	gi|187828892|ref|NP_001120694.1|	332	346	12264	5.32	5.32	9.71	1.06	0.68	68.73	44.76	1.16
57	gi|187828892|ref|NP_001120694.1|	333	347	12265	5.68	5.68	9.71	1.1	0.73	68.62	44.76	1.17
57	gi|187828892|ref|NP_001120694.1|	334	348	12266	5.67	5.67	9.71	1.12	0.98	68.03	40.49	1.16
57	gi|187828892|ref|NP_001120694.1|	335	349	12267	5.63	5.63	9.71	1.15	0.67	66.8	40.49	1.16
57	gi|187828892|ref|NP_001120694.1|	336	350	12268	9.71	16.2	9.71	2.4	1.07	66.96	40.49	2.71
57	gi|187828892|ref|NP_001120694.1|	337	351	12269	10.87	10.87	9.71	0.16	36.82	66.08	37.91	0.59
57	gi|187828892|ref|NP_001120694.1|	338	352	12270	9.56	7.31	28.3	0.27	33.93	64.45	9.56	0.57
57	gi|187828892|ref|NP_001120694.1|	339	353	12271	9.56	2.58	36.71	0.27	32.2	63.1	9.56	0.57
57	gi|187828892|ref|NP_001120694.1|	340	354	12272	9.56	2.43	13.24	0.16	30.42	62.65	9.56	0.51
57	gi|187828892|ref|NP_001120694.1|	341	355	12273	9.56	2.33	14.57	0.16	31.95	62.4	9.56	0.53
57	gi|187828892|ref|NP_001120694.1|	342	356	12274	9.56	2.29	14.67	0.42	30.64	66.92	9.56	2.01
57	gi|187828892|ref|NP_001120694.1|	343	357	12275	9.56	2.36	21.95	0.41	30.64	70.43	9.56	1.92
57	gi|187828892|ref|NP_001120694.1|	344	358	12276	9.56	2.71	26.13	3.63	17.27	55.98	9.56	4.34
57	gi|187828892|ref|NP_001120694.1|	345	359	12277	18.13	2.71	31.89	4.23	18.13	45.63	40.09	4.01
57	gi|187828892|ref|NP_001120694.1|	367	381	12278	17.13	12.35	42.98	17.13	31.91	16.95	37.78	2.63
57	gi|187828892|ref|NP_001120694.1|	368	382	12279	17.49	17.49	46.92	17.13	41.06	15.67	22.82	2.6
57	gi|187828892|ref|NP_001120694.1|	370	384	12280	16.34	15.15	42.98	21.36	63.79	16.34	1.78	2.63
57	gi|187828892|ref|NP_001120694.1|	371	385	12281	13.92	10.92	42.98	18.14	51.89	13.92	0.1	3.84
57	gi|187828892|ref|NP_001120694.1|	372	386	12282	14.15	10.92	42.98	23.37	51.89	14.15	0.1	5.05

Table 2

57	gi|187828892|ref|NP_001120694.1|	373	387	12283	14.51	3.01	42.98	24.06	51.89	14.51	0.1	2.25
57	gi|187828892|ref|NP_001120694.1|	413	427	12284	18.43	17.98	15.67	35.14	32.72	18.43	34.58	16.57
57	gi|187828892|ref|NP_001120694.1|	414	428	12285	11.53	8.31	11.03	29.63	42.02	11.53	27.85	4.85
57	gi|187828892|ref|NP_001120694.1|	415	429	12286	11.03	8.21	11.03	31.1	51.42	8.57	27.85	4.74
57	gi|187828892|ref|NP_001120694.1|	416	430	12287	11.03	10.46	11.03	35.22	75.22	8.04	27.85	7.17
57	gi|187828892|ref|NP_001120694.1|	417	431	12288	11.6	10.41	11.03	34.87	75.22	11.6	27.85	7.08
57	gi|187828892|ref|NP_001120694.1|	418	432	12289	18.25	10.44	11.03	36.71	75.22	18.25	27.85	9.31
57	gi|187828892|ref|NP_001120694.1|	419	433	12290	5.58	3.31	3.12	19.79	72.67	8.29	1.2	5.58
57	gi|187828892|ref|NP_001120694.1|	420	434	12291	6.74	3.31	4.52	20.01	72.67	7.18	1.19	6.74
57	gi|187828892|ref|NP_001120694.1|	421	435	12292	8.93	5.83	6.62	21.85	72.67	8.93	1.27	22.78
57	gi|187828892|ref|NP_001120694.1|	422	436	12293	10.49	4.42	10.3	22.64	72.34	10.49	1.26	22.78
57	gi|187828892|ref|NP_001120694.1|	423	437	12294	16.89	7.12	15.91	24.09	72.67	16.89	1.35	22.78
57	gi|187828892|ref|NP_001120694.1|	451	465	12295	12.23	7.68	1.54	17.13	75.22	9.62	28.12	12.23
57	gi|187828892|ref|NP_001120694.1|	452	466	12296	17.13	12.75	1.54	17.13	75.22	22.44	25.82	12.23
57	gi|187828892|ref|NP_001120694.1|	453	467	12297	19.73	12.57	5.27	19.07	69.56	37.89	21.09	19.73
57	gi|187828892|ref|NP_001120694.1|	454	468	12298	17.13	8.94	5.23	17.13	14.04	34.28	19.49	19.73
57	gi|187828892|ref|NP_001120694.1|	465	479	12299	12.61	9.29	14.22	29.18	12.61	6.09	30.66	5.79
57	gi|187828892|ref|NP_001120694.1|	466	480	12300	12.61	8.75	25.2	29.18	12.61	7.37	21.73	5.79
57	gi|187828892|ref|NP_001120694.1|	467	481	12301	12.68	12.68	27.29	29.18	12.61	10.98	21.66	5.79
57	gi|187828892|ref|NP_001120694.1|	468	482	12302	15.61	18.18	37.04	14.71	12.61	15.61	15.98	5.79
57	gi|187828892|ref|NP_001120694.1|	469	483	12303	11.63	5.12	13.38	2.21	12.61	9.05	11.63	13.08
57	gi|187828892|ref|NP_001120694.1|	470	484	12304	11.55	13.6	13.38	1.8	12.61	6.07	11.36	11.55
57	gi|187828892|ref|NP_001120694.1|	471	485	12305	11.08	13.14	13.38	1.6	12.61	4.93	8.84	11.08
57	gi|187828892|ref|NP_001120694.1|	472	486	12306	8.83	12.92	14.99	2.05	28.38	4.74	8.83	7.23
57	gi|187828892|ref|NP_001120694.1|	473	487	12307	4.2	5.32	14.99	2.23	4.2	3.36	2.04	4.36
57	gi|187828892|ref|NP_001120694.1|	474	488	12308	4.2	5.88	13.38	3.37	4.2	2.58	1.47	4.45
57	gi|187828892|ref|NP_001120694.1|	475	489	12309	4.2	5.92	13.38	3.48	4.2	2.58	1.46	4.59
57	gi|187828892|ref|NP_001120694.1|	476	490	12310	3.83	5.9	7.93	3.83	4.2	2.65	1.64	3.27
57	gi|187828892|ref|NP_001120694.1|	477	491	12311	4.2	6.07	11.19	3.98	4.2	4.65	1.71	3.86
57	gi|187828892|ref|NP_001120694.1|	478	492	12312	4.78	14.97	11.03	3.69	4.2	7.29	3.5	4.78
57	gi|187828892|ref|NP_001120694.1|	479	493	12313	4.77	15.26	10.59	3.08	4.2	14.59	4.54	4.77
57	gi|187828892|ref|NP_001120694.1|	480	494	12314	9.26	33.92	13.38	5.52	7.12	29.17	9.26	5.29
57	gi|187828892|ref|NP_001120694.1|	481	495	12315	13.49	61.4	11.74	8.57	7.12	47.59	25.49	13.49
57	gi|187828892|ref|NP_001120694.1|	482	496	12316	10.88	15.89	0.51	9.83	7.12	51.17	18.25	10.88
57	gi|187828892|ref|NP_001120694.1|	483	497	12317	13.16	24.23	0.38	10.25	13.16	44.37	45.38	7.46
57	gi|187828892|ref|NP_001120694.1|	484	498	12318	13.26	21.57	0.35	10.25	13.26	39.19	43.25	7.46
57	gi|187828892|ref|NP_001120694.1|	485	499	12319	14.27	21.57	0.35	10.25	14.27	39.68	48.43	7.46
57	gi|187828892|ref|NP_001120694.1|	486	500	12320	14.24	14.24	0.34	3.53	18.43	37.9	53.64	7.03
57	gi|187828892|ref|NP_001120694.1|	487	501	12321	14.24	14.24	0.56	3.04	24.08	39.5	15.14	5.42
57	gi|187828892|ref|NP_001120694.1|	488	502	12322	13.81	14.24	7.23	5.56	30.93	48.37	13.81	5.42
57	gi|187828892|ref|NP_001120694.1|	489	503	12323	5.42	2.1	4.61	2.5	57.65	38.5	12.03	5.42
57	gi|187828892|ref|NP_001120694.1|	490	504	12324	6.64	4.88	6.64	2.56	35.22	29.97	11.43	5.42
57	gi|187828892|ref|NP_001120694.1|	491	505	12325	8.36	5.41	8.36	2.79	30.69	26.99	11.22	6.1
57	gi|187828892|ref|NP_001120694.1|	492	506	12326	9.67	8.47	9.67	2.68	27.33	26.71	12.24	5.84
57	gi|187828892|ref|NP_001120694.1|	493	507	12327	14.26	10.38	14.26	2.83	26.61	28.7	15.68	6.21
57	gi|187828892|ref|NP_001120694.1|	494	508	12328	19.11	16.71	19.11	8.08	31.2	36.4	33.07	13.49
57	gi|187828892|ref|NP_001120694.1|	511	525	12329	5.24	3.98	30.69	3.49	1.31	50.19	51.73	5.24
57	gi|187828892|ref|NP_001120694.1|	512	526	12330	6.47	6.47	30.69	3.21	2.35	54.28	42.88	4.63

Table 2

57	gi|187828892|ref|NP_001120694.1|	513	527	12331	6.74	6.74	30.69	3.33	4.08	63.45	42.88	4.55
57	gi|187828892|ref|NP_001120694.1|	514	528	12332	15.77	15.77	30.69	2.95	4.46	67.9	42.88	4.34
57	gi|187828892|ref|NP_001120694.1|	515	529	12333	15.77	15.77	30.69	3.8	4.46	67.24	42.88	4.34
57	gi|187828892|ref|NP_001120694.1|	516	530	12334	16.89	16.89	30.69	6.76	4.46	70.03	42.88	8.76
57	gi|187828892|ref|NP_001120694.1|	517	531	12335	14.15	27.42	30.69	2.81	4.46	71.49	14.15	4.11
57	gi|187828892|ref|NP_001120694.1|	518	532	12336	19.19	19.19	53.95	3.33	27.19	76.1	14.23	5
57	gi|187828892|ref|NP_001120694.1|	519	533	12337	19.17	19.17	43.8	4.42	32.16	76.72	13.98	4.13
57	gi|187828892|ref|NP_001120694.1|	520	534	12338	10.18	6.8	10.18	2.37	42.55	69.07	13.98	3.15
57	gi|187828892|ref|NP_001120694.1|	521	535	12339	11.43	6.44	11.43	2.37	18.51	64.42	13.98	3.08
57	gi|187828892|ref|NP_001120694.1|	522	536	12340	13.98	5	15.94	2.37	18.51	43.2	13.98	3.81
57	gi|187828892|ref|NP_001120694.1|	523	537	12341	13.98	3.67	19.54	2.37	17.46	32.2	13.98	2.94
57	gi|187828892|ref|NP_001120694.1|	524	538	12342	13.77	5.24	25.19	2.37	13.77	26.57	17.22	3.34
57	gi|187828892|ref|NP_001120694.1|	525	539	12343	13.77	5.24	32.16	4.79	13.77	28.02	14.18	4.81
57	gi|187828892|ref|NP_001120694.1|	526	540	12344	12.09	5.24	32.16	3.38	13.77	28.96	12.09	4.76
57	gi|187828892|ref|NP_001120694.1|	527	541	12345	13.77	5.24	32.16	9.17	13.77	33.09	19.64	7.3
57	gi|187828892|ref|NP_001120694.1|	528	542	12346	13.77	7.75	25.74	2.61	13.77	34.18	19.64	1.16
57	gi|187828892|ref|NP_001120694.1|	529	543	12347	13.77	8.82	30.04	1.2	13.77	28.21	21	1.69
57	gi|187828892|ref|NP_001120694.1|	530	544	12348	15.74	15.74	34.59	1.21	13.77	26.53	21	1.69
57	gi|187828892|ref|NP_001120694.1|	531	545	12349	17.86	15.52	28.31	1.48	22.15	17.86	21	1.69
57	gi|187828892|ref|NP_001120694.1|	532	546	12350	10.35	9.43	29.98	1.48	22.15	10.35	21	1.69
57	gi|187828892|ref|NP_001120694.1|	533	547	12351	10.95	10.95	30.26	4.19	22.15	8.72	21	1.69
57	gi|187828892|ref|NP_001120694.1|	534	548	12352	13.19	13.19	35.33	5.48	22.07	9.92	21	1.69
57	gi|187828892|ref|NP_001120694.1|	535	549	12353	17.52	13.54	47.58	16.35	22.56	13.81	43.11	17.52
57	gi|187828892|ref|NP_001120694.1|	540	554	12354	19.5	19.5	12.63	36.9	4.36	39.12	60.34	10.53
57	gi|187828892|ref|NP_001120694.1|	541	555	12355	19.5	19.5	12.71	38.02	4.28	37.75	60.34	10.53
57	gi|187828892|ref|NP_001120694.1|	543	557	12356	19.64	19.64	13.27	49.47	5.84	39.78	63	10.61
57	gi|187828892|ref|NP_001120694.1|	564	578	12357	11.71	11.71	7.67	8.28	45.27	30.08	50.62	1.71
57	gi|187828892|ref|NP_001120694.1|	565	579	12358	12.67	12.67	8.6	8.88	44.36	24.17	47.6	1.71
57	gi|187828892|ref|NP_001120694.1|	570	584	12359	17.62	5.66	14.41	18.51	17.62	41.52	53	5.12
57	gi|187828892|ref|NP_001120694.1|	571	585	12360	18.65	13.66	17.78	29.49	18.65	22.5	41.55	2.63
57	gi|187828892|ref|NP_001120694.1|	572	586	12361	3.65	9.31	0.25	3.39	18.58	3.65	4.94	1.54
57	gi|187828892|ref|NP_001120694.1|	573	587	12362	2.81	5.27	0.24	3.39	18.96	1.32	2.81	1.54
57	gi|187828892|ref|NP_001120694.1|	574	588	12363	0.88	0.23	0.4	0.88	28.69	0.37	1.76	1.54
57	gi|187828892|ref|NP_001120694.1|	575	589	12364	0.51	0.09	0.38	0.51	36.26	0.09	0.58	1.54
57	gi|187828892|ref|NP_001120694.1|	576	590	12365	0.45	0.05	0.59	0.45	38.14	0.08	0.34	1.54
57	gi|187828892|ref|NP_001120694.1|	577	591	12366	0.31	0.05	1.02	0.31	41.82	0.08	0.24	1.62
57	gi|187828892|ref|NP_001120694.1|	578	592	12367	0.36	0.22	1.2	0.36	18.32	0.12	0.19	2.24
57	gi|187828892|ref|NP_001120694.1|	579	593	12368	0.76	0.36	4.5	0.76	18.32	0.39	0.2	2.24
57	gi|187828892|ref|NP_001120694.1|	580	594	12369	0.91	0.36	6.47	0.56	18.32	0.91	0.26	1.87
57	gi|187828892|ref|NP_001120694.1|	581	595	12370	2.19	4.27	3.43	0.57	18.32	2.19	0.49	1.87
57	gi|187828892|ref|NP_001120694.1|	582	596	12371	2.74	4.45	5.81	0.62	18.32	2.74	1.88	1.87
57	gi|187828892|ref|NP_001120694.1|	583	597	12372	4.09	5.11	5.17	0.78	18.32	4.09	2.53	1.87
57	gi|187828892|ref|NP_001120694.1|	584	598	12373	4.07	5.11	4.07	1.1	18.32	5.09	3.38	1.87
57	gi|187828892|ref|NP_001120694.1|	585	599	12374	5.84	5.84	5.17	1.6	25.58	6.01	10.17	1.87
57	gi|187828892|ref|NP_001120694.1|	586	600	12375	5.17	1.76	5.17	1.6	26.42	5.84	10.17	1.87
57	gi|187828892|ref|NP_001120694.1|	587	601	12376	5.17	1.75	5.17	2.04	26.41	6.99	10.17	2.92
57	gi|187828892|ref|NP_001120694.1|	588	602	12377	6.73	6.66	5.17	7.67	35.32	6.73	23.78	4.01
57	gi|187828892|ref|NP_001120694.1|	589	603	12378	5.88	6.66	5.17	5.88	14.47	2.27	19.85	4.01

Table 2

57	gi|187828892|ref|NP_001120694.1|	590	604	12379	4.01	8.08	1.59	3.29	12.73	0.94	10.17	4.01
57	gi|187828892|ref|NP_001120694.1|	591	605	12380	6.21	8.36	2.84	3.25	12.46	0.63	36.32	6.21
57	gi|187828892|ref|NP_001120694.1|	592	606	12381	4.88	7.06	3.29	4.68	11.71	0.52	36.39	4.88
57	gi|187828892|ref|NP_001120694.1|	593	607	12382	2.55	1	2.55	2.03	16.29	0.62	11.32	3.73
57	gi|187828892|ref|NP_001120694.1|	594	608	12383	2.55	1.89	2.55	2.32	21.87	1	6.05	3.73
57	gi|187828892|ref|NP_001120694.1|	595	609	12384	4.37	1.94	2.55	6.62	29.14	4.09	4.78	4.37
57	gi|187828892|ref|NP_001120694.1|	596	610	12385	4.13	1.13	2.55	5.27	30.82	13.24	4.1	4.13
57	gi|187828892|ref|NP_001120694.1|	597	611	12386	4.29	1.05	2.55	5.07	31.27	6.3	4.29	1.54
57	gi|187828892|ref|NP_001120694.1|	598	612	12387	3.31	1.06	3.31	3.26	30.93	3.56	3.73	1.41
57	gi|187828892|ref|NP_001120694.1|	599	613	12388	3.04	1	3.84	3.04	28.7	2.42	3.55	0.75
57	gi|187828892|ref|NP_001120694.1|	600	614	12389	2.84	0.46	12.3	2.84	36.26	1.43	7.13	0.42
57	gi|187828892|ref|NP_001120694.1|	601	615	12390	1.68	0.46	11.84	1.59	40.12	1.68	7.78	0.75
57	gi|187828892|ref|NP_001120694.1|	602	616	12391	1.7	0.46	10.78	1.59	37.86	1.7	5.6	1.13
57	gi|187828892|ref|NP_001120694.1|	603	617	12392	2.6	0.76	9.74	1.59	42	2.6	5.18	1.52
57	gi|187828892|ref|NP_001120694.1|	604	618	12393	1.69	0.76	1.59	1.26	35.24	3.28	4.85	1.69
57	gi|187828892|ref|NP_001120694.1|	605	619	12394	1.93	1.02	1.93	1.26	32.13	3.85	7.8	1.69
57	gi|187828892|ref|NP_001120694.1|	606	620	12395	2.44	0.97	2.44	1.26	29.48	5.79	9.23	1.69
57	gi|187828892|ref|NP_001120694.1|	607	621	12396	4.63	3.31	4.63	1.26	28.24	12.54	6.32	1.69
57	gi|187828892|ref|NP_001120694.1|	608	622	12397	6.32	3.31	6.38	1.52	30.91	21.99	6.32	1.87
57	gi|187828892|ref|NP_001120694.1|	609	623	12398	6.32	3.31	9.04	2.44	30.01	34.21	6.32	1.87
57	gi|187828892|ref|NP_001120694.1|	610	624	12399	6.32	3.31	12.2	1.67	30.01	71.55	6.32	1.87
57	gi|187828892|ref|NP_001120694.1|	611	625	12400	5.05	3.31	18.53	1.39	15.72	83.99	4.28	5.05
57	gi|187828892|ref|NP_001120694.1|	612	626	12401	5.64	4.15	13.69	0.69	15.72	85.52	4.28	5.64
57	gi|187828892|ref|NP_001120694.1|	613	627	12402	6.2	4.95	13.69	0.69	15.72	86.43	4.28	6.2
57	gi|187828892|ref|NP_001120694.1|	614	628	12403	9.29	9.29	13.69	0.7	15.72	86.23	4.28	6.76
57	gi|187828892|ref|NP_001120694.1|	615	629	12404	4.28	8.09	0.37	0.52	11.64	81.73	4.28	1.05
57	gi|187828892|ref|NP_001120694.1|	616	630	12405	4.28	7.37	0.33	0.59	11.64	78.15	4.28	0.98
57	gi|187828892|ref|NP_001120694.1|	617	631	12406	4.28	4.35	0.26	1.01	11.64	73.98	4.28	0.3
57	gi|187828892|ref|NP_001120694.1|	618	632	12407	4.27	4.27	0.23	1.01	11.64	68.37	14.77	0.3
57	gi|187828892|ref|NP_001120694.1|	619	633	12408	4.43	4.43	0.24	1.29	11.64	63.12	14.77	0.3
57	gi|187828892|ref|NP_001120694.1|	620	634	12409	4.27	4.27	0.46	2.28	11.64	56.14	14.77	0.3
57	gi|187828892|ref|NP_001120694.1|	621	635	12410	4.4	4.4	0.49	1.93	11.64	50.42	5.92	0.3
57	gi|187828892|ref|NP_001120694.1|	622	636	12411	3.98	9.08	1.54	3.56	15.43	54.69	3.98	0.86
57	gi|187828892|ref|NP_001120694.1|	623	637	12412	9.87	9.87	24.69	3.89	17.05	61.71	3.56	0.86
57	gi|187828892|ref|NP_001120694.1|	624	638	12413	18.11	19.81	24.69	4.41	18.11	65.42	3.06	5.12
57	gi|187828892|ref|NP_001120694.1|	647	661	12414	19.99	29.6	19.93	19.99	8.54	32.38	60.34	16.57
57	gi|187828892|ref|NP_001120694.1|	650	664	12415	16.57	29.6	6.09	23.62	0.23	64.81	6.92	16.57
57	gi|187828892|ref|NP_001120694.1|	651	665	12416	10.4	15.15	9.9	13.67	0.25	77.45	1.81	10.4
57	gi|187828892|ref|NP_001120694.1|	652	666	12417	12.41	14.41	11.82	12.41	1.64	78.91	1.37	13.5
57	gi|187828892|ref|NP_001120694.1|	653	667	12418	12.6	14.41	12.05	12.6	1.68	85.22	1.36	13.57
57	gi|187828892|ref|NP_001120694.1|	654	668	12419	13.42	8.98	13.42	14.04	11.51	83.21	1.38	14.96
57	gi|187828892|ref|NP_001120694.1|	655	669	12420	8.44	8.98	8.44	8.99	3.61	71.02	1.29	6.18
57	gi|187828892|ref|NP_001120694.1|	656	670	12421	18.39	18.39	26.94	14.4	39.73	64.84	5.83	6.18
57	gi|187828892|ref|NP_001120694.1|	682	696	12422	16.64	14.5	14.34	5.91	16.64	86.71	19.61	19.37
57	gi|187828892|ref|NP_001120694.1|	683	697	12423	15.34	9.34	14.34	4.46	16.64	87.69	19.61	15.34
57	gi|187828892|ref|NP_001120694.1|	684	698	12424	14.34	8.79	14.34	4.59	16.64	87.81	19.61	13.73
57	gi|187828892|ref|NP_001120694.1|	685	699	12425	14.34	8.27	14.34	4.72	16.64	88.45	19.61	11.4
57	gi|187828892|ref|NP_001120694.1|	686	700	12426	14.34	11.38	14.34	3.58	16.64	84.38	19.61	6.15

Table 2

57	gi|187828892|ref|NP_001120694.1|	687	701	12427	11.93	11.68	14.34	3.67	33.91	81.24	11.93	3.43
57	gi|187828892|ref|NP_001120694.1|	688	702	12428	11.93	2.27	14.34	4.91	33.91	72	11.93	3.39
57	gi|187828892|ref|NP_001120694.1|	689	703	12429	11.93	2.24	35.29	4.06	33.91	63.86	11.93	3.22
57	gi|187828892|ref|NP_001120694.1|	690	704	12430	11.93	2.22	21.54	0.34	36.92	56.33	11.93	2.53
57	gi|187828892|ref|NP_001120694.1|	691	705	12431	11.93	2.22	21.23	0.3	35.44	53.2	11.93	3.02
57	gi|187828892|ref|NP_001120694.1|	692	706	12432	11.93	3.67	22.95	0.3	41.96	41.09	11.93	4.38
57	gi|187828892|ref|NP_001120694.1|	693	707	12433	11.93	8.98	22.95	0.28	41.96	32	11.93	4.56
57	gi|187828892|ref|NP_001120694.1|	696	710	12434	7.82	8.34	7.82	2.36	6.73	27.94	19.94	6.89
57	gi|187828892|ref|NP_001120694.1|	697	711	12435	8.62	8.62	10.68	8.46	2.3	31.07	19.94	7.61
57	gi|187828892|ref|NP_001120694.1|	698	712	12436	9.06	8.6	12.89	9.06	2.58	39.92	19.94	7.5
57	gi|187828892|ref|NP_001120694.1|	699	713	12437	7.82	8.34	7.82	0.24	2.39	51.34	19.94	4.69
57	gi|187828892|ref|NP_001120694.1|	700	714	12438	7.82	8.34	7.82	0.26	2.34	59.55	19.94	4.69
57	gi|187828892|ref|NP_001120694.1|	701	715	12439	7.82	8.34	7.82	0.27	3.08	64.8	19.94	4.69
57	gi|187828892|ref|NP_001120694.1|	702	716	12440	5.05	8.34	5.05	0.24	1.42	31.29	19.94	4.69
57	gi|187828892|ref|NP_001120694.1|	703	717	12441	8.34	8.34	5.87	0.23	1.42	17.3	23.93	9.43
57	gi|187828892|ref|NP_001120694.1|	704	718	12442	9.43	8.34	7.62	1.35	37.25	13.26	16.81	9.43
57	gi|187828892|ref|NP_001120694.1|	705	719	12443	9.43	2.71	9.84	1.43	35.63	9.33	15.13	9.43
57	gi|187828892|ref|NP_001120694.1|	706	720	12444	15.41	2.85	14.97	22.1	36.39	8.94	15.64	15.41
57	gi|187828892|ref|NP_001120694.1|	707	721	12445	19.15	2.87	21.28	30.5	31.2	11.48	17.59	19.15
57	gi|187828892|ref|NP_001120694.1|	732	746	12446	19.99	27.87	36.52	19.99	71.83	18.77	3.3	1.31
57	gi|187828892|ref|NP_001120694.1|	733	747	12447	17.9	17.9	40.39	19.99	71	17.83	2.74	1.78
57	gi|187828892|ref|NP_001120694.1|	734	748	12448	17.9	17.9	38.1	19.99	68.12	14.55	2.6	2.37
57	gi|187828892|ref|NP_001120694.1|	735	749	12449	17.9	17.9	43.62	19.99	75.22	17.19	11.93	4.14
57	gi|187828892|ref|NP_001120694.1|	736	750	12450	19.99	17.9	50.48	19.99	75.22	27.65	11.93	10.58
57	gi|187828892|ref|NP_001120694.1|	778	792	12451	18.12	32.11	58.36	17.15	70.91	17.65	8.55	18.12
57	gi|187828892|ref|NP_001120694.1|	779	793	12452	16.81	6.88	40.87	16.81	70.91	14.57	16.45	17.63
57	gi|187828892|ref|NP_001120694.1|	780	794	12453	12.64	1.28	13.45	12.64	47.56	10.43	27.42	12.35
57	gi|187828892|ref|NP_001120694.1|	781	795	12454	12.06	0.76	16.02	12.06	42.97	10.75	29.92	8.92
57	gi|187828892|ref|NP_001120694.1|	797	811	12455	16.55	8.84	2.14	19.36	19.06	16.55	38.22	1.87
57	gi|187828892|ref|NP_001120694.1|	798	812	12456	18.19	22.71	1.85	20.72	18.19	5.64	37.87	1.87
57	gi|187828892|ref|NP_001120694.1|	799	813	12457	18.78	22.25	1.83	20.72	18.78	5.55	32.42	1.87
57	gi|187828892|ref|NP_001120694.1|	800	814	12458	17.72	23.36	2.2	20.72	17.72	6.73	32.42	1.87
57	gi|187828892|ref|NP_001120694.1|	801	815	12459	5.94	5.94	2.49	11.04	27.69	5	32.42	1.87
57	gi|187828892|ref|NP_001120694.1|	802	816	12460	6.66	5.91	2.89	22.36	47.67	6.66	32.42	1.94
57	gi|187828892|ref|NP_001120694.1|	803	817	12461	16.24	5.95	4.98	23.14	59.27	16.24	32.42	1.98
57	gi|187828892|ref|NP_001120694.1|	811	825	12462	18.2	0.18	28.84	18.2	6.96	27.04	30.58	17.43
57	gi|187828892|ref|NP_001120694.1|	812	826	12463	19.4	5.26	34.72	19.4	11.77	25.82	34.95	18.27
57	gi|187828892|ref|NP_001120694.1|	813	827	12464	19.7	3.79	41.96	19.7	12.04	27.68	35.43	18.82
57	gi|187828892|ref|NP_001120694.1|	852	866	12465	18.08	14.48	27.37	12.27	35.48	23.71	18.08	3.19
57	gi|187828892|ref|NP_001120694.1|	853	867	12466	16.97	14.11	27.37	12.27	35.48	16.97	17.52	3.19
57	gi|187828892|ref|NP_001120694.1|	854	868	12467	14.63	14.12	27.37	12.27	35.48	14.63	22.48	3.19
57	gi|187828892|ref|NP_001120694.1|	855	869	12468	16.74	14.11	27.37	12.27	35.48	16.74	22.98	3.19
57	gi|187828892|ref|NP_001120694.1|	1059	1073	12469	12.12	12.12	42.98	7.41	8	49.32	20.32	11.11
57	gi|187828892|ref|NP_001120694.1|	1060	1074	12470	16.68	16.68	42.98	7.41	8	30.84	20.32	11.11
57	gi|187828892|ref|NP_001120694.1|	1062	1076	12471	11.11	8.24	42.98	7.41	8	21.11	20.32	11.11
57	gi|187828892|ref|NP_001120694.1|	1063	1077	12472	11.11	8.24	42.98	7.41	8	21.83	20.32	11.11
57	gi|187828892|ref|NP_001120694.1|	1064	1078	12473	13.05	13.05	42.98	11.96	8	23.36	20.32	11.11
57	gi|187828892|ref|NP_001120694.1|	1065	1079	12474	13	13	42.98	12.27	8	29.08	20.32	11.11

Table 2

57	gi|187828892|ref|NP_001120694.1|	1103	1117	12475	11.71	11.71	48.09	6.82	17.21	31.73	4.03	9.56
57	gi|187828892|ref|NP_001120694.1|	1104	1118	12476	17.21	21.33	49.93	6.89	17.21	31.29	4.06	10.17
57	gi|187828892|ref|NP_001120694.1|	1214	1228	12477	15.32	39.11	15.32	8.71	4.32	68.64	48.94	10.7
57	gi|187828892|ref|NP_001120694.1|	1215	1229	12478	15.32	39.6	15.32	9.26	4.32	63.1	40.95	11.45
57	gi|187828892|ref|NP_001120694.1|	1216	1230	12479	15.32	39.75	15.32	11.68	6.77	62.6	26.97	9.97
57	gi|187828892|ref|NP_001120694.1|	1217	1231	12480	15.32	39.79	15.32	11.5	8.03	51.52	25.93	9.97
57	gi|187828892|ref|NP_001120694.1|	1218	1232	12481	2.44	3.9	0.21	7.94	2.19	1.71	21.12	2.44
57	gi|187828892|ref|NP_001120694.1|	1219	1233	12482	2.28	1.52	0.24	5.43	2.28	0.17	3.9	2.44
57	gi|187828892|ref|NP_001120694.1|	1220	1234	12483	1.52	0.64	0.31	4.94	2.49	0.06	3.9	1.52
57	gi|187828892|ref|NP_001120694.1|	1221	1235	12484	0.84	0.24	0.31	5.93	2.5	0.03	3.9	0.84
57	gi|187828892|ref|NP_001120694.1|	1222	1236	12485	0.91	0.31	0.45	6.11	4.85	0.04	4.32	0.91
57	gi|187828892|ref|NP_001120694.1|	1223	1237	12486	1.21	0.59	0.68	7.94	9.08	0.06	9.6	1.21
57	gi|187828892|ref|NP_001120694.1|	1224	1238	12487	2.1	1.36	1.06	7.94	15.94	0.5	10.09	2.1
57	gi|187828892|ref|NP_001120694.1|	1225	1239	12488	17.42	7.51	17.42	19.17	20.33	7.72	30.22	3.19
57	gi|187828892|ref|NP_001120694.1|	1226	1240	12489	7.19	3.66	7.19	3.02	41.65	23.73	9.18	2.32
57	gi|187828892|ref|NP_001120694.1|	1227	1241	12490	12.35	43.67	7.19	3.07	39.74	31.98	8.86	12.35
57	gi|187828892|ref|NP_001120694.1|	1228	1242	12491	11.64	44.59	7.19	2.52	41.02	26.71	8.46	11.64
57	gi|187828892|ref|NP_001120694.1|	1229	1243	12492	8.46	9.56	7.19	2.01	40.8	12.77	8.46	5.12
57	gi|187828892|ref|NP_001120694.1|	1230	1244	12493	4.52	8.63	4.89	1.25	39.47	4.52	3.34	2.21
57	gi|187828892|ref|NP_001120694.1|	1231	1245	12494	4.45	8.67	4.88	1.6	33.35	2.97	4.45	2.16
57	gi|187828892|ref|NP_001120694.1|	1232	1246	12495	3.66	3.66	5.27	1.84	24.86	3.42	4.43	1.74
57	gi|187828892|ref|NP_001120694.1|	1233	1247	12496	5.37	6.25	8.59	2.24	23.72	2.88	5.37	2.15
57	gi|187828892|ref|NP_001120694.1|	1234	1248	12497	6.42	7.17	9.03	2.76	23.34	4.5	6.42	2.64
57	gi|187828892|ref|NP_001120694.1|	1235	1249	12498	8.15	7.17	18.64	2	26.21	8.15	9.71	4.95
57	gi|187828892|ref|NP_001120694.1|	1236	1250	12499	7.17	7.17	5.19	2.38	19.71	17.93	8.71	5.78
57	gi|187828892|ref|NP_001120694.1|	1237	1251	12500	12	7.17	10.35	2.2	19.86	28.32	12	15.55
57	gi|187828892|ref|NP_001120694.1|	1238	1252	12501	7.17	7.17	3.71	2.09	6.69	34.85	10.02	14.25
57	gi|187828892|ref|NP_001120694.1|	1239	1253	12502	7.45	17.87	3.39	2.98	6.69	43.01	7.45	17.44
57	gi|187828892|ref|NP_001120694.1|	1240	1254	12503	9.58	18.09	3.39	3.81	6.69	44.14	9.58	17.68
57	gi|187828892|ref|NP_001120694.1|	1241	1255	12504	15.48	15.99	3.39	5.1	6.69	48.02	15.48	18.71
57	gi|187828892|ref|NP_001120694.1|	1242	1256	12505	12.82	12.82	3.39	14.35	0.41	59.62	3.22	17.09
57	gi|187828892|ref|NP_001120694.1|	1243	1257	12506	5.99	2.84	27.74	7.98	0.59	63.77	3.22	5.99
57	gi|187828892|ref|NP_001120694.1|	1244	1258	12507	3.22	2.69	2.37	4.69	2.36	61.58	3.22	5.37
57	gi|187828892|ref|NP_001120694.1|	1245	1259	12508	3.22	2.27	2.37	3.45	2.19	55.49	3.22	4.59
57	gi|187828892|ref|NP_001120694.1|	1246	1260	12509	2.04	1.53	2.37	0.57	1.77	38.74	3.22	2.04
57	gi|187828892|ref|NP_001120694.1|	1247	1261	12510	2.01	0.96	2.37	0.57	1.44	20.66	3.22	2.01
57	gi|187828892|ref|NP_001120694.1|	1248	1262	12511	2.37	1.23	2.37	0.57	1.46	14.63	3.22	2.58
57	gi|187828892|ref|NP_001120694.1|	1249	1263	12512	2.68	1.22	2.37	0.64	30.66	15.14	6.31	2.68
57	gi|187828892|ref|NP_001120694.1|	1250	1264	12513	3.16	1.55	2.37	0.78	30.66	18.78	6.83	3.16
57	gi|187828892|ref|NP_001120694.1|	1251	1265	12514	12.46	1.62	12.46	3.49	30.66	26.55	17.02	8.37
57	gi|187828892|ref|NP_001120694.1|	1252	1266	12515	12.46	3.56	12.46	4.23	28.32	37.68	17.02	9.31
57	gi|187828892|ref|NP_001120694.1|	1273	1287	12516	18.08	18.08	3.25	0.95	19.45	41.08	40.28	5.42
57	gi|187828892|ref|NP_001120694.1|	1274	1288	12517	18.08	18.08	4.1	1.46	19.54	35.09	45.67	5.42
57	gi|187828892|ref|NP_001120694.1|	1275	1289	12518	10.66	13.16	3.88	8.95	10.66	32.65	54.69	1.58
57	gi|187828892|ref|NP_001120694.1|	1276	1290	12519	15.43	18.5	5.54	15.43	11.19	37.49	58.6	1.58
57	gi|187828892|ref|NP_001120694.1|	1277	1291	12520	18.74	18.74	3.03	19.7	12.24	42.32	68.68	1.49
57	gi|187828892|ref|NP_001120694.1|	1281	1295	12521	18.15	2.47	9.19	23.66	18.15	34.3	26.86	2.3
57	gi|187828892|ref|NP_001120694.1|	1282	1296	12522	11.52	8.98	11.52	29.01	0.18	30.6	25.5	3.76

Table 2

57	gi|187828892|ref|NP_001120694.1|	1283	1297	12523	14.88	5.24	15.71	29.3	0.17	34.6	14.88	3.48
57	gi|187828892|ref|NP_001120694.1|	1284	1298	12524	12.86	5.24	22.71	18.51	0.16	33.15	8.44	12.86
57	gi|187828892|ref|NP_001120694.1|	1285	1299	12525	15.16	2.66	29.15	21.21	0.16	37.03	15.16	12.86
57	gi|187828892|ref|NP_001120694.1|	1286	1300	12526	9.61	2.66	23.87	15.62	1.39	38.2	9.61	5.05
57	gi|187828892|ref|NP_001120694.1|	1287	1301	12527	4.52	2.03	21.84	6.64	0.92	30.04	4.52	4.13
57	gi|187828892|ref|NP_001120694.1|	1288	1302	12528	3.89	1.42	25.69	3.89	0.14	20.67	3.31	5.88
57	gi|187828892|ref|NP_001120694.1|	1289	1303	12529	5.86	1.42	31.52	3.93	15.67	18.81	2.86	5.86
57	gi|187828892|ref|NP_001120694.1|	1290	1304	12530	5.97	1.42	39.31	3.93	15.83	17.2	3.45	5.97
57	gi|187828892|ref|NP_001120694.1|	1291	1305	12531	11.18	1.42	39.31	4.37	15.83	18.13	4.68	11.18
57	gi|187828892|ref|NP_001120694.1|	1292	1306	12532	14.18	1.42	39.31	7.05	15.83	24.17	1.16	14.18
57	gi|187828892|ref|NP_001120694.1|	1293	1307	12533	15.83	3.81	39.31	10.92	15.83	38.6	2.05	24.6
57	gi|187828892|ref|NP_001120694.1|	1294	1308	12534	5.42	2.16	8.27	1.77	15.83	44.16	1.72	5.42
57	gi|187828892|ref|NP_001120694.1|	1295	1309	12535	2.37	2.37	8.27	1.4	17.21	17.14	2.01	1.4
57	gi|187828892|ref|NP_001120694.1|	1296	1310	12536	2.36	2.36	8.27	1.21	14.4	11.78	1.72	1.4
57	gi|187828892|ref|NP_001120694.1|	1297	1311	12537	2.7	2.24	8.27	0.9	12.48	6.84	2.7	1.37
57	gi|187828892|ref|NP_001120694.1|	1298	1312	12538	2.66	2.24	8.27	0.9	13.34	5.46	2.66	1.21
57	gi|187828892|ref|NP_001120694.1|	1299	1313	12539	7.81	5.33	10.51	0.9	17.14	7.81	35.36	1.4
57	gi|187828892|ref|NP_001120694.1|	1300	1314	12540	10.72	8.75	10.72	1.28	22.35	12.18	35.36	1.4
57	gi|187828892|ref|NP_001120694.1|	1301	1315	12541	11.15	8.94	49.55	16.81	3.92	11.15	41.82	1.47
57	gi|187828892|ref|NP_001120694.1|	1302	1316	12542	14.67	11.46	49.93	20.31	3.3	14.19	38.53	14.67
57	gi|187828892|ref|NP_001120694.1|	1303	1317	12543	14.67	11.46	49.93	18.77	3.2	9.78	30.16	14.67
57	gi|187828892|ref|NP_001120694.1|	1304	1318	12544	14.67	9.02	49.93	14.94	3.01	8.04	29.06	14.67
57	gi|187828892|ref|NP_001120694.1|	1305	1319	12545	11.46	11.46	36.72	8.1	4.24	9.53	22.87	13.97
57	gi|187828892|ref|NP_001120694.1|	1306	1320	12546	11.46	11.46	38.18	7.16	6.28	12.95	31.16	11.24
57	gi|187828892|ref|NP_001120694.1|	1307	1321	12547	16.82	11.46	43.78	7.71	8.48	24.49	40.41	16.82
57	gi|187828892|ref|NP_001120694.1|	1310	1324	12548	19.2	11.41	10.24	12.02	19.2	63.39	22.63	31.31
57	gi|187828892|ref|NP_001120694.1|	1311	1325	12549	9.84	11.41	7.36	2.61	9.84	46.4	21.58	3.44
57	gi|187828892|ref|NP_001120694.1|	1312	1326	12550	9.21	1.59	9.21	1.14	10.16	34.51	22.82	3.44
57	gi|187828892|ref|NP_001120694.1|	1313	1327	12551	9.13	0.78	9.21	1.06	9.13	29.03	24.1	3.44
57	gi|187828892|ref|NP_001120694.1|	1314	1328	12552	8.93	0.78	9.21	1.02	8.93	26.99	21.83	3.44
57	gi|187828892|ref|NP_001120694.1|	1315	1329	12553	9.21	0.78	9.21	1.12	11.22	29.15	20.86	3.44
57	gi|187828892|ref|NP_001120694.1|	1316	1330	12554	9.21	0.78	9.21	4.21	14.55	36.63	29.39	3.44
57	gi|187828892|ref|NP_001120694.1|	1317	1331	12555	9.21	1.36	9.21	5.05	21.01	52.05	29.39	3.44
57	gi|187828892|ref|NP_001120694.1|	1324	1338	12556	16.81	12.37	6.99	34.2	59.84	16.81	80.57	12.23
57	gi|187828892|ref|NP_001120694.1|	1332	1346	12557	6.47	8.34	0.13	1	51.29	3.02	13.28	6.47
57	gi|187828892|ref|NP_001120694.1|	1333	1347	12558	4.26	8.34	0.07	1	48.84	0.52	6.89	4.26
57	gi|187828892|ref|NP_001120694.1|	1334	1348	12559	2.41	2.41	0.11	0.91	55.02	0.11	3.65	2.42
57	gi|187828892|ref|NP_001120694.1|	1335	1349	12560	0.86	1.4	0.11	0.67	53.7	0.06	0.86	2.07
57	gi|187828892|ref|NP_001120694.1|	1336	1350	12561	0.88	0.88	0.15	0.88	53.7	0.06	0.46	3.05
57	gi|187828892|ref|NP_001120694.1|	1337	1351	12562	0.74	0.74	0.31	1	53.7	0.07	0.18	4
57	gi|187828892|ref|NP_001120694.1|	1338	1352	12563	1	1.14	0.48	1	53.7	0.09	0.15	5.16
57	gi|187828892|ref|NP_001120694.1|	1339	1353	12564	3.16	1.14	3.88	3.16	53.7	0.24	0.14	8.92
57	gi|187828892|ref|NP_001120694.1|	1340	1354	12565	2.66	1.14	5.63	5.13	53.7	0.5	0.36	2.66
57	gi|187828892|ref|NP_001120694.1|	1341	1355	12566	1.57	1.49	3.81	1.57	53.7	0.6	0.19	1.87
57	gi|187828892|ref|NP_001120694.1|	1342	1356	12567	1.48	1.42	7.86	1.48	60.94	0.44	0.21	1.87
57	gi|187828892|ref|NP_001120694.1|	1343	1357	12568	1.4	1.39	8.86	1.4	60.94	0.43	0.23	1.87
57	gi|187828892|ref|NP_001120694.1|	1344	1358	12569	1.18	1.38	9.58	1.18	60.94	0.24	0.23	0.17
57	gi|187828892|ref|NP_001120694.1|	1345	1359	12570	1.48	2.27	12.39	1.48	60.94	0.17	0.8	0.17

Table 2

57	gi|187828892|ref|NP_001120694.1|	1346	1360	12571	3.11	3.71	17.41	3.11	70.04	0.44	1.64	0.23
57	gi|187828892|ref|NP_001120694.1|	1347	1361	12572	2.87	3.86	17.78	2.87	69.42	0.8	1.91	0.17
57	gi|187828892|ref|NP_001120694.1|	1348	1362	12573	5.2	6.15	17.78	4	67.7	1.48	5.2	0.17
57	gi|187828892|ref|NP_001120694.1|	1349	1363	12574	6.48	6.48	17.78	7.35	73.77	3.34	5.52	0.17
57	gi|187828892|ref|NP_001120694.1|	1350	1364	12575	4.35	5.19	17.78	3.56	75.22	4.28	4.35	0.17
57	gi|187828892|ref|NP_001120694.1|	1351	1365	12576	3.91	5.5	17.78	3.91	70.16	2.42	3.77	1.16
57	gi|187828892|ref|NP_001120694.1|	1352	1366	12577	4.81	6.74	37.73	4.81	70.16	1.57	3.36	1.16
57	gi|187828892|ref|NP_001120694.1|	1353	1367	12578	4.88	6.9	37.73	4.88	32.32	2.05	3.73	1.16
57	gi|187828892|ref|NP_001120694.1|	1354	1368	12579	9.03	8.34	37.73	5.76	32.32	3.51	10.46	9.03
57	gi|187828892|ref|NP_001120694.1|	1355	1369	12580	14.9	18.2	56.82	14.9	32.32	7.29	8.77	11.11
57	gi|187828892|ref|NP_001120694.1|	1356	1370	12581	18.19	18.19	19.35	15.21	32.32	20.54	8.77	11.11
57	gi|187828892|ref|NP_001120694.1|	1362	1376	12582	17.61	16.43	17.39	39.52	30.32	17.61	45.77	4.42
57	gi|187828892|ref|NP_001120694.1|	1364	1378	12583	14.57	0.11	20.9	12.59	21.25	14.57	47.81	3.74
57	gi|187828892|ref|NP_001120694.1|	1365	1379	12584	13.82	0.11	20.87	12.08	18.54	13.82	39.4	4.62
57	gi|187828892|ref|NP_001120694.1|	1366	1380	12585	14.64	0.11	20.73	11.19	19.65	14.64	20.24	4.97
57	gi|187828892|ref|NP_001120694.1|	1367	1381	12586	4.12	0.11	2.72	4.12	23.74	12.45	12.87	2.43
57	gi|187828892|ref|NP_001120694.1|	1368	1382	12587	4.09	0.21	2.93	4.09	26.89	10.23	12.87	2.42
57	gi|187828892|ref|NP_001120694.1|	1369	1383	12588	4.64	0.21	3.86	4.64	25.18	11.75	12.87	3.04
57	gi|187828892|ref|NP_001120694.1|	1370	1384	12589	9.98	9.98	4.89	4.06	26.89	16.43	12.87	2.93
57	gi|187828892|ref|NP_001120694.1|	1371	1385	12590	9.07	9.07	5.27	1.12	26.89	20.47	12.87	0.69
57	gi|187828892|ref|NP_001120694.1|	1372	1386	12591	9.7	9.7	7.02	1.25	26.89	28.52	12.87	0.81
57	gi|187828892|ref|NP_001120694.1|	1373	1387	12592	8.34	6.17	8.34	0.56	26.89	54.83	16.55	0.74
57	gi|187828892|ref|NP_001120694.1|	1374	1388	12593	10.21	5.79	27.37	0.27	29.01	66.05	10.21	0.76
57	gi|187828892|ref|NP_001120694.1|	1375	1389	12594	4.11	3.18	27.37	0.24	4.11	74.01	4.37	0.78
57	gi|187828892|ref|NP_001120694.1|	1376	1390	12595	3.92	3.23	22.95	0.37	4.11	77.86	3.92	1.92
57	gi|187828892|ref|NP_001120694.1|	1377	1391	12596	3.92	3.26	22.95	0.38	4.11	80.79	3.92	1.98
57	gi|187828892|ref|NP_001120694.1|	1378	1392	12597	4.13	4.13	22.95	0.7	0.12	80.58	1.81	4.44
57	gi|187828892|ref|NP_001120694.1|	1379	1393	12598	4.58	4.68	18.16	1.14	0.51	80.02	1.61	4.58
57	gi|187828892|ref|NP_001120694.1|	1380	1394	12599	4.3	13.64	18.16	0.76	0.48	75.9	4.3	1.05
57	gi|187828892|ref|NP_001120694.1|	1381	1395	12600	4.65	15.29	4.86	0.97	0.95	72.38	4.65	1.05
57	gi|187828892|ref|NP_001120694.1|	1382	1396	12601	4.78	4.78	4.86	1.14	0.88	64.51	6.75	1.69
57	gi|187828892|ref|NP_001120694.1|	1383	1397	12602	2.03	3.85	2.03	1.23	0.96	53.26	4.38	1.87
57	gi|187828892|ref|NP_001120694.1|	1384	1398	12603	1.87	3.36	2.03	1.31	0.04	39.16	0.98	1.87
57	gi|187828892|ref|NP_001120694.1|	1385	1399	12604	3.98	3.14	2.03	3.98	4.47	32.58	12.08	1.87
57	gi|187828892|ref|NP_001120694.1|	1386	1400	12605	4.47	3.4	2.03	5.31	4.47	34.44	10.78	1.54
57	gi|187828892|ref|NP_001120694.1|	1387	1401	12606	5.7	5.7	2.03	11.8	4.47	34.46	9.71	1.54
57	gi|187828892|ref|NP_001120694.1|	1388	1402	12607	7.48	6.55	2.03	8.89	23.7	38.98	7.48	1.54
57	gi|187828892|ref|NP_001120694.1|	1389	1403	12608	6.44	7.95	2.03	0.89	24.08	38.21	6.44	1.54
57	gi|187828892|ref|NP_001120694.1|	1390	1404	12609	10.16	13.03	6.99	0.89	26.08	40.05	10.16	1.54
57	gi|187828892|ref|NP_001120694.1|	1391	1405	12610	17.62	13.48	17.62	0.94	36.21	45.26	24.52	1.54
57	gi|187828892|ref|NP_001120694.1|	1416	1430	12611	12.31	9.59	62.25	6.68	38.04	12.31	21.01	5.51
57	gi|187828892|ref|NP_001120694.1|	1417	1431	12612	9.59	9.59	64.73	6.46	36.72	6.73	16.34	3.84
57	gi|187828892|ref|NP_001120694.1|	1418	1432	12613	9.59	9.59	68.41	6.68	36.77	7.51	14.25	4.51
57	gi|187828892|ref|NP_001120694.1|	1419	1433	12614	12.04	9.59	41.26	12.04	36.89	7.63	33.94	6.65
57	gi|187828892|ref|NP_001120694.1|	1420	1434	12615	19.2	9.59	44.93	19.2	34.62	12.73	57.4	9.87
57	gi|187828892|ref|NP_001120694.1|	1434	1448	12616	14.5	2	14.5	25.27	3.09	11.79	40.65	17.8
57	gi|187828892|ref|NP_001120694.1|	1435	1449	12617	13.95	1.85	13.95	24.23	2.88	4.52	42.45	17.8
57	gi|187828892|ref|NP_001120694.1|	1436	1450	12618	13.12	1.73	13.12	17.98	2.83	2.93	35.59	14.13

Table 2

57	gi|187828892|ref|NP_001120694.1|	1437	1451	12619	14.13	1.7	17.76	15.31	3.12	3	37.37	14.13
57	gi|187828892|ref|NP_001120694.1|	1438	1452	12620	14.13	1.75	21.53	15.07	5.39	4.82	48.75	14.13
57	gi|187828892|ref|NP_001120694.1|	1439	1453	12621	10.53	0.6	24.8	13.4	7.82	9.29	53.5	10.53
57	gi|187828892|ref|NP_001120694.1|	1440	1454	12622	10.53	0.6	24.69	7.44	10.43	21.99	54.32	10.53
57	gi|187828892|ref|NP_001120694.1|	1441	1455	12623	15.72	6.71	26.3	6	15.72	57.61	25.34	5.97
57	gi|187828892|ref|NP_001120694.1|	1442	1456	12624	15.4	6.71	32.77	6	15.4	70.26	25.34	6.06
57	gi|187828892|ref|NP_001120694.1|	1443	1457	12625	17.46	6.71	33.15	6	17.46	74.85	25.34	6.7
57	gi|187828892|ref|NP_001120694.1|	1444	1458	12626	19.45	6.71	33.15	5.12	19.45	71.47	25.34	7.6
57	gi|187828892|ref|NP_001120694.1|	1447	1461	12627	17.29	19.23	17.29	15.19	15.16	64.21	25.34	8.29
57	gi|187828892|ref|NP_001120694.1|	1459	1473	12628	18.07	12.33	8.67	43.06	18.07	45.39	26.51	12.86
57	gi|187828892|ref|NP_001120694.1|	1460	1474	12629	17.36	10.71	10.03	48.22	17.36	36.49	23.38	12.86
57	gi|187828892|ref|NP_001120694.1|	1461	1475	12630	17.1	7.65	12.21	50.02	17.1	34.66	18.3	12.86
57	gi|187828892|ref|NP_001120694.1|	1462	1476	12631	19.74	6.66	15.51	56.42	17.68	36.41	24.65	19.74
57	gi|187828892|ref|NP_001120694.1|	1476	1490	12632	6.07	6.07	22.13	4.57	2.89	13.35	45.06	1.89
57	gi|187828892|ref|NP_001120694.1|	1477	1491	12633	5.54	6.07	17.94	3.47	0.01	5.54	22.14	1.82
57	gi|187828892|ref|NP_001120694.1|	1478	1492	12634	3.6	6.07	17.92	3.11	0.01	3.6	22.14	1.73
57	gi|187828892|ref|NP_001120694.1|	1479	1493	12635	3.18	6.07	20.98	3.11	0.01	3.18	22.14	1.7
57	gi|187828892|ref|NP_001120694.1|	1480	1494	12636	4.22	4.37	21.23	3.11	0.01	4.22	22.14	1.73
57	gi|187828892|ref|NP_001120694.1|	1481	1495	12637	5.02	4.37	24.21	3.11	0.02	8.36	22.14	5.02
57	gi|187828892|ref|NP_001120694.1|	1482	1496	12638	4.44	4.37	4.44	1.62	0.02	34.12	22.14	4.83
57	gi|187828892|ref|NP_001120694.1|	1483	1497	12639	17.86	27.4	4.15	1.54	0.31	82.73	22.14	17.86
57	gi|187828892|ref|NP_001120694.1|	1484	1498	12640	16.4	24.5	4.32	1.62	12.98	91.39	30	16.4
57	gi|187828892|ref|NP_001120694.1|	1485	1499	12641	7.19	5.14	2.87	1.77	11.48	90.43	30	7.19
57	gi|187828892|ref|NP_001120694.1|	1486	1500	12642	7.01	4.98	2.81	2.15	11.48	88.79	30	7.01
57	gi|187828892|ref|NP_001120694.1|	1487	1501	12643	4.81	4.81	1.95	2.4	6.32	84.53	30	1.22
57	gi|187828892|ref|NP_001120694.1|	1488	1502	12644	4.62	4.62	1.95	1.45	6.32	80.65	32.85	1
57	gi|187828892|ref|NP_001120694.1|	1489	1503	12645	6.32	4.88	15.32	1.57	6.32	80.36	35.55	0.99
57	gi|187828892|ref|NP_001120694.1|	1490	1504	12646	14.97	14.97	21.28	2.3	6.32	80.55	45.12	0.95
57	gi|187828892|ref|NP_001120694.1|	1491	1505	12647	11.03	15.08	11.03	2.15	6.32	82.73	27.38	0.94
57	gi|187828892|ref|NP_001120694.1|	1492	1506	12648	11.03	46.28	11.03	2.3	6.32	83.93	27.51	2.3
57	gi|187828892|ref|NP_001120694.1|	1493	1507	12649	6.32	57.17	4.41	4.41	6.32	82.29	25.02	3.3
57	gi|187828892|ref|NP_001120694.1|	1494	1508	12650	8.66	7.76	7.31	4.32	17.07	75.48	20.46	8.66
57	gi|187828892|ref|NP_001120694.1|	1495	1509	12651	4.35	3.06	0.51	4.35	13.66	61.15	29.52	0.96
57	gi|187828892|ref|NP_001120694.1|	1496	1510	12652	2.48	2.48	0.17	0.48	13.6	53.15	21.59	0.78
57	gi|187828892|ref|NP_001120694.1|	1497	1511	12653	2.34	2.34	0.15	0.46	13.65	49.77	21.23	0.78
57	gi|187828892|ref|NP_001120694.1|	1498	1512	12654	1.54	1.97	0.15	0.46	18.18	52.17	1.54	0.78
57	gi|187828892|ref|NP_001120694.1|	1499	1513	12655	0.93	2.05	0.14	0.43	20.08	56.73	0.93	0.78
57	gi|187828892|ref|NP_001120694.1|	1500	1514	12656	1.34	2.75	0.19	0.46	20.08	66.16	0.93	1.34
57	gi|187828892|ref|NP_001120694.1|	1501	1515	12657	1.93	3.14	0.63	1.93	20.08	76.69	1.28	1.67
57	gi|187828892|ref|NP_001120694.1|	1502	1516	12658	3.28	3.28	19.29	1.97	28.01	73.01	0.41	2.37
57	gi|187828892|ref|NP_001120694.1|	1503	1517	12659	17.52	3.07	19.29	17.52	28.01	70.44	0.42	3.18
57	gi|187828892|ref|NP_001120694.1|	1504	1518	12660	19.29	3.67	19.29	23.38	28.01	71.89	0.46	8.36
57	gi|187828892|ref|NP_001120694.1|	1520	1534	12661	17.71	7.21	67.77	33.62	14.9	17.71	51.05	11.11
57	gi|187828892|ref|NP_001120694.1|	1530	1544	12662	15.23	3.67	15.23	20.62	11.13	8.85	30.74	21.62
57	gi|187828892|ref|NP_001120694.1|	1531	1545	12663	11.13	3.67	17.47	16.68	11.13	4.04	25.6	6.95
57	gi|187828892|ref|NP_001120694.1|	1532	1546	12664	11.13	3.67	21.82	17.49	11.13	3.56	23.01	6.43
57	gi|187828892|ref|NP_001120694.1|	1533	1547	12665	18.72	3.67	23.11	18.72	22.63	3.13	19.77	4.62
57	gi|187828892|ref|NP_001120694.1|	1534	1548	12666	16.4	3.67	25.93	20.95	31.86	4.93	16.4	5.34

Table 2

57	gi|187828892|ref|NP_001120694.1|	1535	1549	12667	17.43	3.67	33.49	29.96	42.39	9.81	17.43	8.24
57	gi|187828892|ref|NP_001120694.1|	1548	1562	12668	18.49	33.84	9.42	15.64	18.49	40.77	18.21	19.08
57	gi|187828892|ref|NP_001120694.1|	1549	1563	12669	13.91	59.83	9.42	13.9	6.73	37.68	13.91	16.38
57	gi|187828892|ref|NP_001120694.1|	1550	1564	12670	11.28	58.28	11.72	6.19	6.73	37.33	11.28	8.42
57	gi|187828892|ref|NP_001120694.1|	1551	1565	12671	10.34	67.21	15.15	7.12	6.73	39.23	10.34	8.42
57	gi|187828892|ref|NP_001120694.1|	1552	1566	12672	18.75	69.73	18.75	8.62	6.73	44.14	18.87	8.42
57	gi|187828892|ref|NP_001120694.1|	1553	1567	12673	6.73	46.87	0.31	4.42	6.73	27.05	12.95	3.31
57	gi|187828892|ref|NP_001120694.1|	1554	1568	12674	6.73	46.8	0.45	4.42	6.73	21.23	14.82	3.3
57	gi|187828892|ref|NP_001120694.1|	1555	1569	12675	3.34	1.55	0.43	4.42	3.34	6.7	17.09	0.82
57	gi|187828892|ref|NP_001120694.1|	1556	1570	12676	2.81	1.55	0.61	4.42	3.54	2.81	35.71	0.81
57	gi|187828892|ref|NP_001120694.1|	1557	1571	12677	1.74	1.55	0.81	9.66	3.77	1.74	34.27	0.75
57	gi|187828892|ref|NP_001120694.1|	1558	1572	12678	1.88	1.55	1.12	10.18	3.95	1.88	37.33	0.79
57	gi|187828892|ref|NP_001120694.1|	1559	1573	12679	3.5	1.55	1.59	10.54	6.21	3.5	38.2	0.83
57	gi|187828892|ref|NP_001120694.1|	1560	1574	12680	9.77	1.55	11.78	48.16	9.77	8.29	49.17	2.7
57	gi|187828892|ref|NP_001120694.1|	1561	1575	12681	11.89	1.55	0.45	25.33	11.89	23.68	25.02	1.97
57	gi|187828892|ref|NP_001120694.1|	1563	1577	12682	3.82	20.93	0.16	8.57	0.26	24.92	3.01	3.82
57	gi|187828892|ref|NP_001120694.1|	1564	1578	12683	3.81	20.93	0.16	8.65	0.27	25.28	3.01	3.81
57	gi|187828892|ref|NP_001120694.1|	1565	1579	12684	2.52	14.41	0.15	2.52	0.28	24.92	3.01	1.66
57	gi|187828892|ref|NP_001120694.1|	1566	1580	12685	2.32	4.33	0.48	2.32	1.09	26.82	3.01	2.02
57	gi|187828892|ref|NP_001120694.1|	1567	1581	12686	2.11	4.01	0.43	2.11	1.06	35.99	3.01	1.92
57	gi|187828892|ref|NP_001120694.1|	1568	1582	12687	3.01	3.99	1.68	1.59	3.07	37.87	3.01	2.25
57	gi|187828892|ref|NP_001120694.1|	1569	1583	12688	2.22	2.22	1.62	1.59	0.39	31.77	3.01	2.25
57	gi|187828892|ref|NP_001120694.1|	1570	1584	12689	6.23	2.22	27.02	2.68	27.45	34.75	6.23	5.66
57	gi|187828892|ref|NP_001120694.1|	1571	1585	12690	6.03	2.22	31.65	2.87	27.22	31.31	6.03	2.69
57	gi|187828892|ref|NP_001120694.1|	1572	1586	12691	7.39	2.22	42.11	4.09	26.19	32.25	7.39	3.44
57	gi|187828892|ref|NP_001120694.1|	1574	1588	12692	2.72	1.71	46.7	1.04	3.99	43.62	2.72	2.15
57	gi|187828892|ref|NP_001120694.1|	1575	1589	12693	2.26	2.26	46.7	1.02	3.99	53.34	2.09	2.18
57	gi|187828892|ref|NP_001120694.1|	1576	1590	12694	7.08	7.08	66.26	1.01	10.67	61.9	3.92	3.21
57	gi|187828892|ref|NP_001120694.1|	1577	1591	12695	9.14	9.14	14.01	0.31	9.82	63.26	4.42	2.6
57	gi|187828892|ref|NP_001120694.1|	1578	1592	12696	5.97	9.56	14.01	0.26	5.97	59.63	5.52	3.11
57	gi|187828892|ref|NP_001120694.1|	1579	1593	12697	6.49	18.54	14.01	0.38	5.63	40.72	6.49	5.44
57	gi|187828892|ref|NP_001120694.1|	1580	1594	12698	12.16	18.16	14.01	0.39	4.13	28.18	12.16	4.59
57	gi|187828892|ref|NP_001120694.1|	1581	1595	12699	16.1	28.29	14.01	0.46	16.1	23.88	25.59	4.07
57	gi|187828892|ref|NP_001120694.1|	1582	1596	12700	16.1	30.86	14.01	0.57	16.1	20.51	42.16	7.03
57	gi|187828892|ref|NP_001120694.1|	1583	1597	12701	16.1	30.02	14.01	0.57	16.1	19.36	42.71	7.03
57	gi|187828892|ref|NP_001120694.1|	1584	1598	12702	16	15.43	16	9.5	35.59	23.45	54.55	7.03
57	gi|187828892|ref|NP_001120694.1|	1585	1599	12703	13.04	13.04	6.47	13.58	20.29	11.61	57.09	3.4
57	gi|187828892|ref|NP_001120694.1|	1586	1600	12704	13.04	13.04	6.68	13.27	18.26	5.78	57.09	2.63
57	gi|187828892|ref|NP_001120694.1|	1587	1601	12705	10.04	10.04	9.18	13.4	17.79	4.69	56.16	2.57
57	gi|187828892|ref|NP_001120694.1|	1588	1602	12706	9.04	6.72	9.04	12.15	15.62	3.66	38.14	2.9
57	gi|187828892|ref|NP_001120694.1|	1589	1603	12707	10.63	10.63	10.48	11.93	18.25	4.11	37.97	5.53
57	gi|187828892|ref|NP_001120694.1|	1590	1604	12708	13.44	15.97	13.44	8.91	23.04	7.09	34.08	9.91
57	gi|187828892|ref|NP_001120694.1|	1591	1605	12709	17.38	6.18	14.66	5.76	26.65	19.18	35.1	17.38
57	gi|187828892|ref|NP_001120694.1|	1592	1606	12710	19.01	31.93	14.66	5.93	29.26	38.97	15.61	19.01
57	gi|187828892|ref|NP_001120694.1|	1593	1607	12711	18.02	28.96	14.66	5.93	33.77	51.26	8.52	18.02
57	gi|187828892|ref|NP_001120694.1|	1594	1608	12712	5.17	5.17	0.66	3.63	10.79	32.09	8.52	1.05
57	gi|187828892|ref|NP_001120694.1|	1595	1609	12713	5.17	5.17	1.06	2.62	11.28	23.97	8.52	1.05
57	gi|187828892|ref|NP_001120694.1|	1596	1610	12714	3.33	4.72	1.2	2.77	10.53	21.25	3.33	0.78

Table 2

57	gi|187828892|ref|NP_001120694.1|	1597	1611	12715	2.83	2.66	2.24	2.83	10.76	18.15	3.32	0.78
57	gi|187828892|ref|NP_001120694.1|	1598	1612	12716	3.23	2.66	1.5	3.23	13.88	17.42	4.95	0.62
57	gi|187828892|ref|NP_001120694.1|	1599	1613	12717	4.48	3.28	2.05	4.48	17.3	21.34	7.82	1.11
57	gi|187828892|ref|NP_001120694.1|	1600	1614	12718	7.18	3.07	2.46	7.18	22.92	26.21	9.18	1.08
57	gi|187828892|ref|NP_001120694.1|	1601	1615	12719	13.63	4.31	8.27	13.63	37.57	29.13	13.99	1.67
57	gi|187828892|ref|NP_001120694.1|	1602	1616	12720	5.68	4.31	5.68	19.35	4.07	10.17	7.15	1.2
57	gi|187828892|ref|NP_001120694.1|	1603	1617	12721	8.31	12.08	6.98	25.42	4.05	8.31	16.63	2.26
57	gi|187828892|ref|NP_001120694.1|	1604	1618	12722	8.98	8.98	8.76	26.75	4.37	9.15	13.2	2.32
57	gi|187828892|ref|NP_001120694.1|	1605	1619	12723	9.69	8.98	14.08	26.64	4.54	9.69	10.08	4.27
57	gi|187828892|ref|NP_001120694.1|	1606	1620	12724	12.73	8.98	17.95	26.74	6.93	12.73	24.18	4.97
57	gi|187828892|ref|NP_001120694.1|	1607	1621	12725	6.18	6.18	2.84	4.53	9.67	21.45	8.6	3.71
57	gi|187828892|ref|NP_001120694.1|	1608	1622	12726	3.45	6.18	3.45	3.23	9.67	45.85	3.26	3.26
57	gi|187828892|ref|NP_001120694.1|	1609	1623	12727	7.29	23.29	7.29	3.28	9.67	69.14	3.26	3.78
57	gi|187828892|ref|NP_001120694.1|	1610	1624	12728	9.67	9.79	9.83	2.44	9.67	63.95	3.26	3.68
57	gi|187828892|ref|NP_001120694.1|	1611	1625	12729	9.56	9.56	12.85	2.44	9.67	61.37	3.26	3.77
57	gi|187828892|ref|NP_001120694.1|	1612	1626	12730	9.6	9.6	17.36	4.01	9.67	49.5	3.26	4.02
57	gi|187828892|ref|NP_001120694.1|	1613	1627	12731	9.54	9.54	19.45	4.48	9.67	45.48	5.39	4.09
57	gi|187828892|ref|NP_001120694.1|	1614	1628	12732	12.36	12.36	35.16	7.45	16.28	38.08	6.7	4.46
57	gi|187828892|ref|NP_001120694.1|	1615	1629	12733	16.28	9.7	39.28	4.8	16.28	36.26	23.76	5.42
57	gi|187828892|ref|NP_001120694.1|	1616	1630	12734	14.68	9.67	38.76	5.08	16.28	39.74	14.68	5.42
57	gi|187828892|ref|NP_001120694.1|	1617	1631	12735	16.28	10.67	32.35	6.46	16.28	37.56	19.18	7.81
57	gi|187828892|ref|NP_001120694.1|	1618	1632	12736	9.72	5.68	25.55	6.18	0.91	18.33	14.69	9.72
57	gi|187828892|ref|NP_001120694.1|	1619	1633	12737	8.14	5.68	26.84	6.89	0.82	15.22	16.42	8.14
57	gi|187828892|ref|NP_001120694.1|	1620	1634	12738	10.45	5.68	28.48	6.95	0.78	10.45	17.33	15.91
57	gi|187828892|ref|NP_001120694.1|	1621	1635	12739	8.41	5.68	29.92	7.14	0.78	8.41	26.92	15.91
57	gi|187828892|ref|NP_001120694.1|	1622	1636	12740	15.91	5.68	34.06	18.73	1.31	10.69	38.46	15.91
57	gi|187828892|ref|NP_001120694.1|	1623	1637	12741	17.04	10.69	41.41	30.27	2.23	17.04	61.79	15.91
57	gi|187828892|ref|NP_001120694.1|	1628	1642	12742	14.65	13.04	14.65	5.56	30.27	48.35	58.68	2.68
57	gi|187828892|ref|NP_001120694.1|	1629	1643	12743	17.85	13.04	17.85	5.39	33.68	48.93	25.62	2.68
57	gi|187828892|ref|NP_001120694.1|	1630	1644	12744	17.58	13.04	17.58	8.01	34.42	51.51	25.62	2.68
57	gi|187828892|ref|NP_001120694.1|	1631	1645	12745	14.23	6.62	14.23	8.01	31.14	50.01	25.62	2.68
57	gi|187828892|ref|NP_001120694.1|	1632	1646	12746	9.25	6.62	9.25	4.75	38.79	47.88	25.62	2.68
57	gi|187828892|ref|NP_001120694.1|	1633	1647	12747	13.15	6.62	13.15	10.6	42.82	49.64	25.62	3.7
57	gi|187828892|ref|NP_001120694.1|	1634	1648	12748	17.6	6.62	17.6	11.87	42.44	56.19	25.62	3.67
57	gi|187828892|ref|NP_001120694.1|	1640	1654	12749	11.56	11.56	10.14	5.44	9.78	42.13	48.79	15.43
57	gi|187828892|ref|NP_001120694.1|	1641	1655	12750	14.73	11.56	14.73	5.52	9.69	38.55	47.07	15.39
57	gi|187828892|ref|NP_001120694.1|	1642	1656	12751	14.54	11.56	14.81	5.05	9.06	33.99	48.79	14.54
57	gi|187828892|ref|NP_001120694.1|	1643	1657	12752	14.53	7.19	20.01	5.05	12.87	26.69	48.79	14.53
57	gi|187828892|ref|NP_001120694.1|	1644	1658	12753	19.65	7.19	19.65	5.7	17.79	20.25	48.79	21.76
57	gi|187828892|ref|NP_001120694.1|	1646	1660	12754	19.08	7.19	29.8	13.06	21.06	10.84	39.1	19.08
57	gi|187828892|ref|NP_001120694.1|	1647	1661	12755	14.32	7.19	25.13	14.32	26.02	7.23	36.53	3.69
57	gi|187828892|ref|NP_001120694.1|	1648	1662	12756	8.73	3.67	12.84	8.73	15.97	5.06	29.49	2.94
57	gi|187828892|ref|NP_001120694.1|	1649	1663	12757	7.84	3.67	17.46	7.84	15.26	4.15	21.72	2.92
57	gi|187828892|ref|NP_001120694.1|	1650	1664	12758	4.04	3.67	21.08	2.88	14.32	4.04	7.86	2.92
57	gi|187828892|ref|NP_001120694.1|	1651	1665	12759	4.09	3.67	25.13	2.88	13.73	4.09	6.4	2.92
57	gi|187828892|ref|NP_001120694.1|	1652	1666	12760	3.44	3.67	3.44	2.15	15.96	2.06	5.83	1.05
57	gi|187828892|ref|NP_001120694.1|	1653	1667	12761	0.75	3.67	0.18	0.06	17.7	0.37	4.47	0.75
57	gi|187828892|ref|NP_001120694.1|	1654	1668	12762	0.57	3.67	0.16	0.06	19.65	0.08	3.71	0.57

Table 2

57	gi|187828892|ref|NP_001120694.1|	1655	1669	12763	0.39	3.26	0.16	0.05	21.05	0.07	4.46	0.39
57	gi|187828892|ref|NP_001120694.1|	1656	1670	12764	0.51	2.21	0.14	0.06	13.07	0.04	4.52	0.51
57	gi|187828892|ref|NP_001120694.1|	1657	1671	12765	0.72	2.84	0.15	0.06	11.38	0.01	5.43	0.72
57	gi|187828892|ref|NP_001120694.1|	1658	1672	12766	0.86	3.19	0.31	0.17	11.28	0.02	3.06	0.86
57	gi|187828892|ref|NP_001120694.1|	1659	1673	12767	0.86	4.29	0.42	0.38	11.42	0.06	1.65	0.86
57	gi|187828892|ref|NP_001120694.1|	1660	1674	12768	4.01	4.37	4.01	16.42	17.63	0.08	2.51	0.91
57	gi|187828892|ref|NP_001120694.1|	1661	1675	12769	4.14	4.37	4.14	10.42	28.15	0.69	1.54	1.88
57	gi|187828892|ref|NP_001120694.1|	1662	1676	12770	5.24	5.24	8.98	2.37	39.03	5.36	0.94	1.62
57	gi|187828892|ref|NP_001120694.1|	1663	1677	12771	6.18	5.24	17.01	2.06	13.91	11.23	0.74	6.18
57	gi|187828892|ref|NP_001120694.1|	1664	1678	12772	5.24	5.24	16.98	1.21	13.91	8.1	0.66	4.69
57	gi|187828892|ref|NP_001120694.1|	1665	1679	12773	2.1	1.99	7.26	0.97	13.91	2.1	0.62	4.69
57	gi|187828892|ref|NP_001120694.1|	1666	1680	12774	3.58	3.58	5.37	0.94	13.91	0.67	2.04	4.69
57	gi|187828892|ref|NP_001120694.1|	1667	1681	12775	3.11	2.95	4.16	1.34	13.91	0.43	3.11	4.69
57	gi|187828892|ref|NP_001120694.1|	1668	1682	12776	4.59	3.95	4.59	2.08	13.91	0.44	6.96	4.69
57	gi|187828892|ref|NP_001120694.1|	1669	1683	12777	6.57	4.46	6.57	6.12	13.91	0.86	16.72	8.31
57	gi|187828892|ref|NP_001120694.1|	1670	1684	12778	9.06	7.82	9.06	5.79	39.56	3.51	22.14	13.77
57	gi|187828892|ref|NP_001120694.1|	1671	1685	12779	9.28	8.64	9.28	1.04	32.97	23.66	13.9	5.05
57	gi|187828892|ref|NP_001120694.1|	1673	1687	12780	19.29	26.99	19.29	0.94	24.55	65.68	1.76	5.05
57	gi|187828892|ref|NP_001120694.1|	1674	1688	12781	5.05	4.37	5.77	0.9	7.26	46.13	0.7	5.05
57	gi|187828892|ref|NP_001120694.1|	1675	1689	12782	5.05	4.37	7.17	1.15	6.94	30.71	0.73	5.05
57	gi|187828892|ref|NP_001120694.1|	1676	1690	12783	2.2	4.37	2.2	1.2	6.6	16.04	1.51	2.16
57	gi|187828892|ref|NP_001120694.1|	1677	1691	12784	2.02	4.37	2.01	1.29	6.18	7.86	1.42	2.02
57	gi|187828892|ref|NP_001120694.1|	1678	1692	12785	3.31	3.31	2.73	2.58	7.69	4.56	3.67	1.87
57	gi|187828892|ref|NP_001120694.1|	1679	1693	12786	1.87	3.31	0.85	1.01	9.9	1.81	5.38	1.87
57	gi|187828892|ref|NP_001120694.1|	1680	1694	12787	1.87	3.31	0.87	1.04	11.91	0.93	14.52	1.87
57	gi|187828892|ref|NP_001120694.1|	1681	1695	12788	2.03	3.31	1.68	2.03	27.81	1.22	16.85	1.87
57	gi|187828892|ref|NP_001120694.1|	1682	1696	12789	1.87	3.31	0.9	1.83	15.61	1.62	18.55	1.87
57	gi|187828892|ref|NP_001120694.1|	1683	1697	12790	3.31	3.31	1.12	2.52	15.52	2.6	19.35	3.46
57	gi|187828892|ref|NP_001120694.1|	1684	1698	12791	5.98	3.31	1.54	5.98	16.5	7.09	29.02	4.86
57	gi|187828892|ref|NP_001120694.1|	1685	1699	12792	14.24	14.24	2.41	6.46	18.38	15.65	21.2	5.05
57	gi|187828892|ref|NP_001120694.1|	1688	1702	12793	14.01	2.71	14.01	5.84	37.07	48.67	22.29	2.44
57	gi|187828892|ref|NP_001120694.1|	1689	1703	12794	14.01	2.71	14.01	5.98	15.31	60.89	20.04	2.44
57	gi|187828892|ref|NP_001120694.1|	1690	1704	12795	3.38	1.14	31.19	3.38	7.23	63.81	0.49	1.53
57	gi|187828892|ref|NP_001120694.1|	1691	1705	12796	2.58	1.14	31.19	2.58	7.23	63.9	0.49	1.53
57	gi|187828892|ref|NP_001120694.1|	1692	1706	12797	2.87	1.14	31.19	2.87	7.23	68.98	0.56	2.16
57	gi|187828892|ref|NP_001120694.1|	1693	1707	12798	2.81	2.68	3.16	2.81	1.37	79.48	1.24	4.19
57	gi|187828892|ref|NP_001120694.1|	1694	1708	12799	2.65	2.65	3.03	1.97	1.48	89.54	1.56	5.27
57	gi|187828892|ref|NP_001120694.1|	1695	1709	12800	5.12	9.44	5.12	1.2	3.13	91.22	2.83	7.22
57	gi|187828892|ref|NP_001120694.1|	1696	1710	12801	4.75	18.7	4.75	1.15	0.86	88.52	2.22	8.37
57	gi|187828892|ref|NP_001120694.1|	1697	1711	12802	2.99	2.99	4.51	1.27	0.61	43.2	3.3	1.05
57	gi|187828892|ref|NP_001120694.1|	1698	1712	12803	2.37	2.99	2.37	1.2	0.57	23.36	4.38	1.05
57	gi|187828892|ref|NP_001120694.1|	1699	1713	12804	2.37	2.99	2.37	1.5	0.13	16.25	4.73	1.05
57	gi|187828892|ref|NP_001120694.1|	1700	1714	12805	3.47	2.99	5.84	2.92	7.04	16.76	3.47	1.05
57	gi|187828892|ref|NP_001120694.1|	1701	1715	12806	3.35	2.99	8.2	3.35	7.04	17.74	0.83	1.05
57	gi|187828892|ref|NP_001120694.1|	1702	1716	12807	7.04	9.29	11.49	3.82	7.04	20.81	0.83	2.03
57	gi|187828892|ref|NP_001120694.1|	1703	1717	12808	9.97	9.97	15.06	3.75	11.09	33.35	1.18	2.27
57	gi|187828892|ref|NP_001120694.1|	1704	1718	12809	7.8	36.62	7.8	2.28	11.09	52.35	1.32	7.43
57	gi|187828892|ref|NP_001120694.1|	1705	1719	12810	11.09	41.08	12.55	4.32	11.09	61.9	3.89	7.94

Table 2

57	gi|187828892|ref|NP_001120694.1|	1706	1720	12811	12.93	17.6	12.93	5.07	11.09	61.78	9.59	13.89
57	gi|187828892|ref|NP_001120694.1|	1707	1721	12812	13.98	18.44	17.07	5.16	11.09	63.41	9.98	13.98
57	gi|187828892|ref|NP_001120694.1|	1710	1724	12813	18.38	8.84	33.5	17.5	14.66	81.73	18.38	45.91
57	gi|187828892|ref|NP_001120694.1|	1724	1738	12814	17.04	10.22	7.29	48.85	4.21	79.39	72.21	17.04
57	gi|187828892|ref|NP_001120694.1|	1725	1739	12815	10.22	10.22	7.69	45.54	3.78	58.32	72.21	7.07
57	gi|187828892|ref|NP_001120694.1|	1726	1740	12816	10.22	10.22	7.4	20.29	3.42	46.94	25.97	6.61
57	gi|187828892|ref|NP_001120694.1|	1727	1741	12817	10.22	10.22	6.93	19.5	2.9	34.99	27.4	6.42
57	gi|187828892|ref|NP_001120694.1|	1728	1742	12818	10.22	10.22	8.01	18.77	4.96	31.02	27.94	6.3
57	gi|187828892|ref|NP_001120694.1|	1729	1743	12819	10.22	10.22	9.42	18.43	7.74	30.85	49.62	7.34
57	gi|187828892|ref|NP_001120694.1|	1730	1744	12820	13.9	10.22	11.57	18.65	12	37.88	52.22	13.9
57	gi|187828892|ref|NP_001120694.1|	1732	1746	12821	12.69	13.04	12.69	10.72	10.07	40.6	16.1	9.44
57	gi|187828892|ref|NP_001120694.1|	1733	1747	12822	10.07	13.04	5.05	4.88	10.07	33.35	16.39	9.44
57	gi|187828892|ref|NP_001120694.1|	1734	1748	12823	10.38	13.04	4.9	4.39	10.38	27.82	12.85	6.59
57	gi|187828892|ref|NP_001120694.1|	1735	1749	12824	9.98	13.04	3.81	4.02	10.25	24.42	9.98	3.43
57	gi|187828892|ref|NP_001120694.1|	1736	1750	12825	8.84	12.33	5.53	4.02	13.53	19.98	8.84	0.7
57	gi|187828892|ref|NP_001120694.1|	1737	1751	12826	6.27	12.33	7.32	4.3	6.27	22.35	3.76	0.7
57	gi|187828892|ref|NP_001120694.1|	1738	1752	12827	7.73	12.33	9.54	7.73	6.27	31.82	3.49	0.7
57	gi|187828892|ref|NP_001120694.1|	1739	1753	12828	6.27	3.93	14.66	6.5	6.27	35.24	2.29	0.7
57	gi|187828892|ref|NP_001120694.1|	1740	1754	12829	3.93	3.93	14.66	1	6.27	41.34	3.1	0.7
57	gi|187828892|ref|NP_001120694.1|	1741	1755	12830	3.93	3.93	14.66	1	6.27	47.57	3.4	1.13
57	gi|187828892|ref|NP_001120694.1|	1742	1756	12831	6.08	6.08	25.57	1	21.2	32.09	4.37	1.2
57	gi|187828892|ref|NP_001120694.1|	1743	1757	12832	5.57	5.57	9.21	1	4.92	12.93	5.19	10.53
57	gi|187828892|ref|NP_001120694.1|	1744	1758	12833	8.87	8.87	9.21	1	4.48	7.25	32.74	9.94
57	gi|187828892|ref|NP_001120694.1|	1745	1759	12834	8.11	9.39	9.21	2.22	4.1	6.59	30.74	8.11
57	gi|187828892|ref|NP_001120694.1|	1746	1760	12835	7.12	11.43	9.21	3.53	3.54	7.12	59.47	6.04
57	gi|187828892|ref|NP_001120694.1|	1747	1761	12836	11.1	18.08	9.27	45.58	5.32	11.1	65.67	8.95
57	gi|187828892|ref|NP_001120694.1|	1781	1795	12837	4.07	37.73	0.51	1.33	4.07	81.02	49.63	1.44
57	gi|187828892|ref|NP_001120694.1|	1782	1796	12838	4.07	41.11	0.41	1.04	4.07	78.6	33.89	1.26
57	gi|187828892|ref|NP_001120694.1|	1783	1797	12839	4.07	18.86	0.41	1.08	4.07	77.93	26.24	1.31
57	gi|187828892|ref|NP_001120694.1|	1784	1798	12840	4.07	14.42	0.41	1.14	4.07	76.42	23.47	1.1
57	gi|187828892|ref|NP_001120694.1|	1785	1799	12841	4.07	13.9	0.41	1.18	4.07	72.67	23.47	1.1
57	gi|187828892|ref|NP_001120694.1|	1786	1800	12842	4.07	14.37	1.1	3.87	4.07	70.99	23.47	2.53
57	gi|187828892|ref|NP_001120694.1|	1787	1801	12843	4.07	10.91	0.27	0.37	4.07	62.63	23.47	0.62
57	gi|187828892|ref|NP_001120694.1|	1788	1802	12844	9.77	9.77	7.6	0.38	17.21	56.25	23.47	0.62
57	gi|187828892|ref|NP_001120694.1|	1789	1803	12845	7.6	4.77	7.6	0.37	11.83	54.21	23.47	0.62
57	gi|187828892|ref|NP_001120694.1|	1790	1804	12846	9.37	4.77	9.37	0.32	11.78	52.66	23.47	0.62
57	gi|187828892|ref|NP_001120694.1|	1791	1805	12847	10.12	4.77	10.12	0.32	12.92	54.49	28.22	0.62
57	gi|187828892|ref|NP_001120694.1|	1792	1806	12848	4.77	4.77	12.11	1.01	0.69	59.41	26.13	0.62
57	gi|187828892|ref|NP_001120694.1|	1793	1807	12849	4.77	4.77	16.5	0.85	0.8	66.87	17.86	0.62
57	gi|187828892|ref|NP_001120694.1|	1794	1808	12850	9.2	6.58	23.99	1.93	0.56	68.17	17.86	9.2
57	gi|187828892|ref|NP_001120694.1|	1795	1809	12851	9.54	2.83	14.99	2.33	0.5	67.13	17.86	9.54
57	gi|187828892|ref|NP_001120694.1|	1796	1810	12852	3.33	2.55	14.99	0.89	0.5	67.34	17.86	3.33
57	gi|187828892|ref|NP_001120694.1|	1797	1811	12853	3.53	2.54	14.99	1.2	0.47	68.87	17.86	3.53
57	gi|187828892|ref|NP_001120694.1|	1798	1812	12854	3.83	2.44	14.99	1.52	0.47	69.43	17.86	3.83
57	gi|187828892|ref|NP_001120694.1|	1799	1813	12855	8.48	5.06	13.96	1.52	8.48	61.28	17.86	3.67
57	gi|187828892|ref|NP_001120694.1|	1800	1814	12856	8.09	5.27	14.99	1.91	8.09	61.34	23.04	6.18
57	gi|187828892|ref|NP_001120694.1|	1801	1815	12857	11.15	11.15	14.99	6.11	0.26	54.65	21.83	9.16
57	gi|187828892|ref|NP_001120694.1|	1802	1816	12858	9.03	2.44	17.64	6.2	0.01	32.46	21.83	9.03

Table 2

57	gi|187828892|ref|NP_001120694.1|	1803	1817	12859	17.58	1.8	23.51	17.58	0.01	27.65	21.83	15.88
57	gi|187828892|ref|NP_001120694.1|	1810	1824	12860	14.09	1.38	17.06	14.09	13.17	8.71	53.28	14.13
57	gi|187828892|ref|NP_001120694.1|	1811	1825	12861	14.13	1.3	17.06	14.38	12.23	5.6	55.01	14.13
57	gi|187828892|ref|NP_001120694.1|	1812	1826	12862	14.13	0.75	17.06	14.48	11.95	4.18	63.29	14.13
57	gi|187828892|ref|NP_001120694.1|	1813	1827	12863	14.13	0.51	17.06	11.76	15.13	4.54	64.15	14.13
57	gi|187828892|ref|NP_001120694.1|	1814	1828	12864	17.06	1.1	17.06	10.26	25.53	8.03	51.35	20.4
57	gi|187828892|ref|NP_001120694.1|	1815	1829	12865	17.06	2.28	17.06	15.14	41.28	14.51	51.35	23.85
57	gi|187828892|ref|NP_001120694.1|	1841	1855	12866	19.72	17.27	45.76	17.14	11.65	43.32	19.72	32.04
57	gi|187828892|ref|NP_001120694.1|	1842	1856	12867	17.27	17.27	58.87	19.1	12.81	28.35	15.59	2.02
57	gi|187828892|ref|NP_001120694.1|	1843	1857	12868	12.9	17.27	53.72	5.52	12.9	21.26	11	2.01
57	gi|187828892|ref|NP_001120694.1|	1844	1858	12869	12.5	16.64	52.41	4.82	12.5	16.72	8.86	1.92
57	gi|187828892|ref|NP_001120694.1|	1845	1859	12870	7.26	5.69	56.66	5.79	19.35	11.06	7.26	1.87
57	gi|187828892|ref|NP_001120694.1|	1846	1860	12871	8.58	5.24	44.81	8.58	26.31	8.95	2.52	2
57	gi|187828892|ref|NP_001120694.1|	1847	1861	12872	9.5	7.09	50.06	11.1	30.92	9.5	2.47	4.45
57	gi|187828892|ref|NP_001120694.1|	1848	1862	12873	5.35	5.24	7.42	1.11	30.92	6.12	3.35	5.35
57	gi|187828892|ref|NP_001120694.1|	1849	1863	12874	4.09	5.94	10.8	0.78	55.78	4.09	2.44	3.99
57	gi|187828892|ref|NP_001120694.1|	1850	1864	12875	3.72	4.85	4.3	0.69	54.29	1.62	2.53	3.72
57	gi|187828892|ref|NP_001120694.1|	1851	1865	12876	4.15	5.42	6.45	0.72	57.24	1.56	2.14	4.15
57	gi|187828892|ref|NP_001120694.1|	1852	1866	12877	3.6	5.53	8.12	0.73	57.24	1.81	2.33	3.6
57	gi|187828892|ref|NP_001120694.1|	1853	1867	12878	9.07	9.07	10.75	1.11	57.24	3.35	21.36	3.64
57	gi|187828892|ref|NP_001120694.1|	1854	1868	12879	11.37	11.37	14.37	1.11	57.24	7.76	43.25	7.11
57	gi|187828892|ref|NP_001120694.1|	1865	1879	12880	16.44	15.36	16.44	34.6	55.66	15.81	37.54	10.99
57	gi|187828892|ref|NP_001120694.1|	1866	1880	12881	13.71	10.25	13.71	17.79	45.81	9.29	17.82	9.7
57	gi|187828892|ref|NP_001120694.1|	1867	1881	12882	14.05	8.66	14.05	18.1	41.3	10.69	14.47	11.92
57	gi|187828892|ref|NP_001120694.1|	1868	1882	12883	6.89	3.26	7.19	8.24	43.97	6.89	2.66	2.5
57	gi|187828892|ref|NP_001120694.1|	1869	1883	12884	6.86	3.26	7.19	8.57	46.46	6.86	1.49	2.84
57	gi|187828892|ref|NP_001120694.1|	1870	1884	12885	6.87	3.38	13.07	9.06	45.21	6.87	1.19	2.75
57	gi|187828892|ref|NP_001120694.1|	1871	1885	12886	5.44	5.94	26.33	5.44	12.57	4.37	0.94	3.22
57	gi|187828892|ref|NP_001120694.1|	1872	1886	12887	3.1	0.04	34.49	5.61	1.1	3.1	0.95	3.31
57	gi|187828892|ref|NP_001120694.1|	1873	1887	12888	2.93	0.04	38.78	9.46	0.84	2.93	1.91	9.05
57	gi|187828892|ref|NP_001120694.1|	1874	1888	12889	3.91	0.04	38.78	9.6	0.76	3.36	3.91	9.28
57	gi|187828892|ref|NP_001120694.1|	1875	1889	12890	5.91	0.04	47.45	12.45	0.73	4.39	5.91	27.93
57	gi|187828892|ref|NP_001120694.1|	1876	1890	12891	17.96	0.04	70.96	21.86	1.36	7.44	17.96	28.54
57	gi|187828892|ref|NP_001120694.1|	1884	1898	12892	14.08	3.67	14.08	11.69	7.43	18.72	45.81	21.62
57	gi|187828892|ref|NP_001120694.1|	1885	1899	12893	13.5	10.28	13.5	10.83	34.32	5.25	34.71	21.62
57	gi|187828892|ref|NP_001120694.1|	1886	1900	12894	7.95	5.17	0.25	8.14	9.99	2.1	26.48	7.95
57	gi|187828892|ref|NP_001120694.1|	1887	1901	12895	7.88	5.06	0.43	7.88	10.54	1.3	21.93	7.95
57	gi|187828892|ref|NP_001120694.1|	1888	1902	12896	7.95	4.98	0.73	12.59	9.84	1.18	24.51	7.95
57	gi|187828892|ref|NP_001120694.1|	1889	1903	12897	7.27	6.65	1.2	14.35	9.84	2.29	29.2	7.27
57	gi|187828892|ref|NP_001120694.1|	1890	1904	12898	8.18	4.29	1.8	11.64	9.84	8.18	14.72	7.95
57	gi|187828892|ref|NP_001120694.1|	1891	1905	12899	9.84	7.12	2.63	12.39	9.84	26.03	15.91	7.95
57	gi|187828892|ref|NP_001120694.1|	1892	1906	12900	9.84	7.12	2.63	11.56	9.84	37.74	10.55	7.95
57	gi|187828892|ref|NP_001120694.1|	1893	1907	12901	11.69	7.12	22.11	11.69	12.47	31.56	5.84	6.6
57	gi|187828892|ref|NP_001120694.1|	1894	1908	12902	9.84	7.12	11.16	10.81	9.84	12.4	4.27	5.42
57	gi|187828892|ref|NP_001120694.1|	1895	1909	12903	7.12	7.12	11.85	14.61	16.85	5.98	2.92	5.42
57	gi|187828892|ref|NP_001120694.1|	1896	1910	12904	7.12	7.12	14.22	19.35	16.85	4.39	3.66	5.42
57	gi|187828892|ref|NP_001120694.1|	1897	1911	12905	8.84	8.84	19.05	24.57	16.85	5.47	5.41	5.42
57	gi|187828892|ref|NP_001120694.1|	1898	1912	12906	14.41	14.41	33.49	28.46	16.85	8.36	12.79	5.42

Table 2

57	gi|187828892|ref|NP_001120694.1|	1899	1913	12907	16.85	14.41	39.4	34.45	16.85	15.14	17.82	6.76
57	gi|187828892|ref|NP_001120694.1|	1900	1914	12908	15.14	10.25	43.51	29.61	15.14	38.01	14.77	5.42
57	gi|187828892|ref|NP_001120694.1|	1901	1915	12909	20	10.25	43.51	29.97	15.14	56.74	20	11.65
57	gi|187828892|ref|NP_001120694.1|	1920	1934	12910	11.14	13.37	31.19	8.01	11.14	31.35	9.28	5.29
57	gi|187828892|ref|NP_001120694.1|	1921	1935	12911	12.18	15	31.19	4.81	12.18	20.92	9.28	6.38
57	gi|187828892|ref|NP_001120694.1|	1922	1936	12912	12.18	14.8	31.19	4.66	12.18	16.24	9.28	5.97
57	gi|187828892|ref|NP_001120694.1|	1923	1937	12913	12.18	5	63.62	3.75	12.18	14.66	14.97	6.63
57	gi|187828892|ref|NP_001120694.1|	1924	1938	12914	11.25	4.78	60.92	3.75	12.18	16.04	11.25	6.78
57	gi|187828892|ref|NP_001120694.1|	1925	1939	12915	15.74	4.7	69.61	7.53	44.08	23.52	15.74	13.93
57	gi|187828892|ref|NP_001120694.1|	1926	1940	12916	13.33	4.4	40.48	8.08	41.43	28	13.33	13.21
57	gi|187828892|ref|NP_001120694.1|	1936	1950	12917	9.97	7.64	5.32	7.32	45.95	31.48	35.27	9.97
57	gi|187828892|ref|NP_001120694.1|	1937	1951	12918	12.46	7.64	5.97	12.46	45.95	39.74	34.97	9.97
57	gi|187828892|ref|NP_001120694.1|	1938	1952	12919	12.46	7.64	5.82	12.46	45.95	50.07	36.86	9.97
57	gi|187828892|ref|NP_001120694.1|	1946	1960	12920	18.7	18.7	12.27	12.23	29.29	37.25	35.89	6.6
57	gi|187828892|ref|NP_001120694.1|	1947	1961	12921	12.23	23.54	5.95	12.23	6.62	26.27	26.58	6.6
57	gi|187828892|ref|NP_001120694.1|	1948	1962	12922	11.69	21.14	6.21	11.69	6.62	20.9	20.08	6.6
57	gi|187828892|ref|NP_001120694.1|	1949	1963	12923	9.58	15.37	9.58	9.9	6.62	21.84	9.05	6.6
57	gi|187828892|ref|NP_001120694.1|	1950	1964	12924	9.51	14.71	12.36	9.51	6.62	22.03	9.05	4.01
57	gi|187828892|ref|NP_001120694.1|	1951	1965	12925	9.05	17.24	16.44	7.7	6.62	28.3	9.05	7.61
57	gi|187828892|ref|NP_001120694.1|	1952	1966	12926	9.05	16.85	20.86	7.88	6.62	34.39	9.05	5.1
57	gi|187828892|ref|NP_001120694.1|	1953	1967	12927	9.05	17.51	32.65	5.5	3.58	34.12	9.05	5.42
57	gi|187828892|ref|NP_001120694.1|	1954	1968	12928	9.05	12.33	47.29	8.75	2.31	24.39	9.05	5.39
57	gi|187828892|ref|NP_001120694.1|	1955	1969	12929	9.05	12.33	53.94	6.61	3.41	21.26	9.05	4.86
57	gi|187828892|ref|NP_001120694.1|	1956	1970	12930	12.33	12.33	60.42	4.18	3.49	17.48	19.35	4.93
57	gi|187828892|ref|NP_001120694.1|	1957	1971	12931	13.66	13.66	60.42	3.14	3.92	16.06	17.31	5.37
57	gi|187828892|ref|NP_001120694.1|	1958	1972	12932	8.34	8.34	42.98	3.14	4.2	8.65	20.05	0.49
57	gi|187828892|ref|NP_001120694.1|	1959	1973	12933	1.08	8.34	1.08	3.59	0.02	0.37	19.99	0.26
57	gi|187828892|ref|NP_001120694.1|	1960	1974	12934	5.33	8.34	0.96	5.33	7.12	0.07	24.57	0.2
57	gi|187828892|ref|NP_001120694.1|	1961	1975	12935	6.66	8.34	0.81	9.24	6.66	0.04	26.57	0.18
57	gi|187828892|ref|NP_001120694.1|	1962	1976	12936	6.02	8.34	0.63	11.17	6.02	0.04	26.57	0.23
57	gi|187828892|ref|NP_001120694.1|	1963	1977	12937	8.34	8.34	0.88	12.96	10.58	0.07	26.57	0.45
57	gi|187828892|ref|NP_001120694.1|	1964	1978	12938	8.34	8.34	1.1	26.72	19.94	0.17	9.31	0.7
57	gi|187828892|ref|NP_001120694.1|	1965	1979	12939	8.86	13.62	1.73	28.03	36.72	6.66	8.86	0.7
57	gi|187828892|ref|NP_001120694.1|	1982	1996	12940	12.68	9.46	74.61	26.6	12.68	24.41	0.79	3.73
57	gi|187828892|ref|NP_001120694.1|	1983	1997	12941	12.68	9.45	76.43	26.85	12.68	22.74	1.14	3.7
57	gi|187828892|ref|NP_001120694.1|	1984	1998	12942	12.68	9.57	80.17	33.3	12.68	25.2	7.29	3.89
57	gi|187828892|ref|NP_001120694.1|	2024	2038	12943	16.43	6.91	13.75	16.43	59.09	54.33	30.64	5.58
57	gi|187828892|ref|NP_001120694.1|	2115	2129	12944	16.31	5.08	14.88	16.31	63.11	36.34	62.36	11.32
57	gi|187828892|ref|NP_001120694.1|	2117	2131	12945	18.15	16.04	20.07	16.41	63.11	18.15	55.81	14.34
57	gi|187828892|ref|NP_001120694.1|	2118	2132	12946	16.1	16.1	20.07	13.18	63.11	14.21	50.8	14.34
57	gi|187828892|ref|NP_001120694.1|	2119	2133	12947	17.28	16.18	20.07	13.71	75.22	17.28	53.81	14.34
57	gi|187828892|ref|NP_001120694.1|	2121	2135	12948	13.99	4.34	13.99	13.39	75.22	38.1	59.68	6.6
57	gi|187828892|ref|NP_001120694.1|	2291	2305	12949	19.21	4.29	22.04	14.98	45.19	19.21	28.96	5.42
57	gi|187828892|ref|NP_001120694.1|	2292	2306	12950	12.87	4.29	22.07	12.87	44.29	8.68	28.96	5.42
57	gi|187828892|ref|NP_001120694.1|	2293	2307	12951	13.1	4.29	25.7	13.1	47.43	8.18	28.96	5.42
58	gi|291463273|ref|NP_001167551.1|	42	56	12952	12.4	15.15	12.4	24.19	42.99	6.57	9.08	6.6
58	gi|291463273|ref|NP_001167551.1|	43	57	12953	7.34	15.15	12.24	24.19	7.34	2.2	7.27	6.6
58	gi|291463273|ref|NP_001167551.1|	44	58	12954	7.34	15.15	12.12	24.19	7.34	1.51	5.32	6.6

Table 2

58	gi|291463273|ref|NP_001167551.1|	45	59	12955	8.07	15.15	10.25	24.19	7.34	1.28	8.07	6.45
58	gi|291463273|ref|NP_001167551.1|	46	60	12956	12.81	15.15	12.81	21.31	7.34	1.88	20.77	6.6
58	gi|291463273|ref|NP_001167551.1|	47	61	12957	8.31	15.15	8.31	26.45	7.34	4.84	24.52	6.6
58	gi|291463273|ref|NP_001167551.1|	48	62	12958	14.92	15.15	6.59	28.35	7.34	14.92	24.52	6.6
58	gi|291463273|ref|NP_001167551.1|	52	66	12959	19.17	21.27	9.92	17.95	19.17	37.18	16.02	32.24
58	gi|291463273|ref|NP_001167551.1|	53	67	12960	14.51	13.28	6.59	2.25	19.17	38.78	14.51	14.56
58	gi|291463273|ref|NP_001167551.1|	54	68	12961	14.51	11.59	6.88	2.15	19.17	30.09	14.51	15.37
58	gi|291463273|ref|NP_001167551.1|	55	69	12962	14.51	11.59	26.63	2.15	19.17	25.22	14.51	12.28
58	gi|291463273|ref|NP_001167551.1|	56	70	12963	14.51	11.59	38.55	2.15	19.17	23.63	14.51	6.65
58	gi|291463273|ref|NP_001167551.1|	57	71	12964	14.51	11.59	41.25	2.38	31.63	23.51	14.51	6.82
58	gi|291463273|ref|NP_001167551.1|	58	72	12965	14.51	11.59	25.33	7.63	35.34	24.45	14.51	8.07
58	gi|291463273|ref|NP_001167551.1|	59	73	12966	16.71	16.71	28.53	7.94	36.7	27.05	11.09	8.06
58	gi|291463273|ref|NP_001167551.1|	66	80	12967	8.1	1.81	4.9	6.5	14.3	8.1	32.43	18.44
58	gi|291463273|ref|NP_001167551.1|	67	81	12968	5.85	0.81	5.85	5.82	13	3.98	37.02	18.44
58	gi|291463273|ref|NP_001167551.1|	68	82	12969	8.09	0.48	8.09	5.8	13.29	3.21	31.09	16.56
58	gi|291463273|ref|NP_001167551.1|	69	83	12970	12.68	0.47	12.68	5.8	13.59	4.09	29.46	16.56
58	gi|291463273|ref|NP_001167551.1|	70	84	12971	16.56	1.13	17.42	5.88	17.26	6.19	24.41	16.56
58	gi|291463273|ref|NP_001167551.1|	71	85	12972	16.56	2.5	17.78	13	22.8	12.53	18.54	16.56
58	gi|291463273|ref|NP_001167551.1|	72	86	12973	16.56	6.18	26.78	10.64	28.18	35.12	14.59	16.56
58	gi|291463273|ref|NP_001167551.1|	73	87	12974	13.96	6.18	2.44	13.96	7.39	33.45	16.65	15.91
58	gi|291463273|ref|NP_001167551.1|	74	88	12975	10.81	6.18	2.99	10.81	7.77	12.18	15.05	15.91
58	gi|291463273|ref|NP_001167551.1|	75	89	12976	5.09	2.64	4.12	8.79	4.9	5.09	13.03	14.36
58	gi|291463273|ref|NP_001167551.1|	76	90	12977	5.45	1.48	5.45	8.95	4.73	2.76	13.4	10.94
58	gi|291463273|ref|NP_001167551.1|	77	91	12978	8.11	1.14	8.11	12.94	5.15	2.49	28.45	12.98
58	gi|291463273|ref|NP_001167551.1|	78	92	12979	10.7	1.56	10.7	17.43	5.76	2.88	58.54	15.49
58	gi|291463273|ref|NP_001167551.1|	79	93	12980	14.93	3.18	14.93	27.28	8.63	6.45	77.17	15.91
58	gi|291463273|ref|NP_001167551.1|	80	94	12981	14.12	6.14	28.91	5.55	14.12	14.6	42.54	3.44
58	gi|291463273|ref|NP_001167551.1|	95	109	12982	16.31	69.86	16.31	13.25	18.78	67.6	15.7	2.52
58	gi|291463273|ref|NP_001167551.1|	96	110	12983	4.14	50.68	4.14	2.42	2.3	56.42	15.37	2.05
58	gi|291463273|ref|NP_001167551.1|	97	111	12984	4.14	7.5	4.14	2.4	2.12	50.08	15.64	2.04
58	gi|291463273|ref|NP_001167551.1|	98	112	12985	4.14	7.14	4.14	2.48	2.09	49.42	4.85	1.98
58	gi|291463273|ref|NP_001167551.1|	99	113	12986	3.86	6.64	3.86	2.14	2.71	37.77	4.85	1.9
58	gi|291463273|ref|NP_001167551.1|	100	114	12987	4.14	6.35	4.14	2.14	2.68	33.09	4.85	1.84
58	gi|291463273|ref|NP_001167551.1|	101	115	12988	4.85	5.4	4.14	2.54	4.93	30.44	4.85	2.12
58	gi|291463273|ref|NP_001167551.1|	102	116	12989	3.31	3.31	4.14	2.32	0.44	28.29	4.85	2.13
58	gi|291463273|ref|NP_001167551.1|	103	117	12990	4.85	4.29	10.86	4.8	16.96	27.88	4.85	4.01
58	gi|291463273|ref|NP_001167551.1|	104	118	12991	7.51	5.69	13.07	7.51	14.96	32.43	4.85	6.39
58	gi|291463273|ref|NP_001167551.1|	105	119	12992	13.07	5.69	13.07	9.17	13.79	42.46	23.66	6.51
58	gi|291463273|ref|NP_001167551.1|	107	121	12993	8.78	5.69	21.88	8.78	19.48	37.57	5.17	4.17
58	gi|291463273|ref|NP_001167551.1|	108	122	12994	8.83	5.69	24.91	8.83	21.3	37.99	5.17	4.38
58	gi|291463273|ref|NP_001167551.1|	109	123	12995	8.7	7.72	29.72	8.7	23.46	41.71	5.17	4.44
58	gi|291463273|ref|NP_001167551.1|	110	124	12996	7.59	5.75	35.68	7.59	22.99	44.2	4.96	4.53
58	gi|291463273|ref|NP_001167551.1|	111	125	12997	9.56	7.23	38.58	9.56	23.46	48.21	4.08	4.67
58	gi|291463273|ref|NP_001167551.1|	112	126	12998	13.57	9.27	46.3	13.57	23.46	54.98	3.64	12.69
58	gi|291463273|ref|NP_001167551.1|	138	152	12999	9.83	16.14	2.07	8.28	9.83	18.51	44.34	1.19
58	gi|291463273|ref|NP_001167551.1|	139	153	13000	9.05	15.33	1.64	5.81	9.98	9.05	37.83	1.23
58	gi|291463273|ref|NP_001167551.1|	140	154	13001	5.34	11.02	2.05	4.8	11.13	5.34	30.47	1.21
58	gi|291463273|ref|NP_001167551.1|	141	155	13002	4.8	10.92	2.09	4.8	11.57	4.19	25.13	2.28

Table 2

58	gi|291463273|ref|NP_001167551.1|	142	156	13003	8.01	11.02	3.22	8.01	16.75	5.34	38.69	2.68
58	gi|291463273|ref|NP_001167551.1|	143	157	13004	8.44	15.27	3.41	8.01	24.64	8.44	42.92	2.68
58	gi|291463273|ref|NP_001167551.1|	144	158	13005	15.89	15.89	5.27	3.63	32.83	22.92	31.9	2.68
58	gi|291463273|ref|NP_001167551.1|	145	159	13006	4.79	22.4	12.46	3.31	1.96	38.22	4.79	4.24
58	gi|291463273|ref|NP_001167551.1|	146	160	13007	4.18	21.11	12.46	3.16	1.99	52.78	4.18	4.08
58	gi|291463273|ref|NP_001167551.1|	147	161	13008	4.21	18.37	12.46	2.54	2	31.28	4.21	2.44
58	gi|291463273|ref|NP_001167551.1|	148	162	13009	6.74	20	13.51	2.66	2.14	24.76	6.74	2.44
58	gi|291463273|ref|NP_001167551.1|	149	163	13010	11.92	19.98	13.79	2.64	2.31	22.73	11.92	2.44
58	gi|291463273|ref|NP_001167551.1|	150	164	13011	17.9	28.39	25.23	2.68	7.49	22.73	17.9	2.44
58	gi|291463273|ref|NP_001167551.1|	151	165	13012	2.44	29.89	0.88	1.88	0.76	14.44	28.07	2.44
58	gi|291463273|ref|NP_001167551.1|	152	166	13013	7	32.74	1.17	1.88	30.67	7	28.15	2.44
58	gi|291463273|ref|NP_001167551.1|	153	167	13014	5.94	31.87	1.78	4.71	30.67	5.94	29	2.44
58	gi|291463273|ref|NP_001167551.1|	154	168	13015	6.3	34.93	1.88	6.3	38.77	6.14	62.75	5.3
58	gi|291463273|ref|NP_001167551.1|	155	169	13016	6.9	36.21	1.88	6.54	48.51	6.3	59.52	6.9
58	gi|291463273|ref|NP_001167551.1|	156	170	13017	10.14	46.16	1.88	7.95	57.11	9.92	74.9	10.14
58	gi|291463273|ref|NP_001167551.1|	157	171	13018	17.19	64.27	1.88	8.22	64.76	17.19	71.87	12.23
58	gi|291463273|ref|NP_001167551.1|	168	182	13019	10.24	4.7	10.24	6.49	15.22	66.72	28.9	0.52
58	gi|291463273|ref|NP_001167551.1|	169	183	13020	10.24	4.7	10.24	2.05	17.34	62.59	22.49	0.5
58	gi|291463273|ref|NP_001167551.1|	170	184	13021	10.24	4.37	10.24	2.03	19.2	64	22.49	0.5
58	gi|291463273|ref|NP_001167551.1|	171	185	13022	10.24	4.37	10.24	1.88	21.49	63.17	22.49	0.48
58	gi|291463273|ref|NP_001167551.1|	172	186	13023	10.24	4.37	10.24	1.55	30.99	62.61	22.49	0.48
58	gi|291463273|ref|NP_001167551.1|	173	187	13024	10.24	4.37	10.24	2.21	40.62	65.94	22.49	1.59
58	gi|291463273|ref|NP_001167551.1|	174	188	13025	10.24	4.37	10.24	4.19	49.85	73.14	22.49	1.59
58	gi|291463273|ref|NP_001167551.1|	175	189	13026	9.21	4.37	9.21	4.98	28.48	71.08	22.49	4.78
58	gi|291463273|ref|NP_001167551.1|	176	190	13027	10.6	4.37	10.6	8.18	25.58	71.08	28.76	5.79
58	gi|291463273|ref|NP_001167551.1|	177	191	13028	18.35	6.71	9.54	18.35	23.41	67.55	28.76	13.11
58	gi|291463273|ref|NP_001167551.1|	185	199	13029	3.66	1.54	1.59	2.61	21.44	3.66	21.35	6.6
58	gi|291463273|ref|NP_001167551.1|	186	200	13030	2.61	2.57	1.1	2.61	21.89	0.81	12.24	6.6
58	gi|291463273|ref|NP_001167551.1|	187	201	13031	2.63	2.63	1.43	2.61	29.59	0.37	6.52	6.6
58	gi|291463273|ref|NP_001167551.1|	188	202	13032	2.61	1.99	1.61	2.61	37.69	0.27	3.16	6.6
58	gi|291463273|ref|NP_001167551.1|	189	203	13033	1.99	1.99	1.61	2.61	37.97	0.17	1.88	6.6
58	gi|291463273|ref|NP_001167551.1|	190	204	13034	1.99	1.99	1.61	4.25	37.97	0.24	1.45	6.6
58	gi|291463273|ref|NP_001167551.1|	191	205	13035	1.38	1.97	1.38	1.81	37.97	0.17	0.59	0.49
58	gi|291463273|ref|NP_001167551.1|	192	206	13036	1.61	1.97	1.61	2.32	54.96	0.17	0.55	0.47
58	gi|291463273|ref|NP_001167551.1|	193	207	13037	1.97	1.97	2.39	1.99	58.41	0.37	0.52	0.46
58	gi|291463273|ref|NP_001167551.1|	194	208	13038	1.97	1.97	3.52	2.25	59.54	0.69	0.47	0.48
58	gi|291463273|ref|NP_001167551.1|	195	209	13039	1.97	1.97	6.09	2.5	59.86	1.51	0.83	0.51
58	gi|291463273|ref|NP_001167551.1|	196	210	13040	4.2	2.21	9.53	6.3	64.95	4.2	0.88	2.02
58	gi|291463273|ref|NP_001167551.1|	197	211	13041	2.3	2.21	4.85	2.3	64.9	12.84	0.73	1.74
58	gi|291463273|ref|NP_001167551.1|	198	212	13042	7.51	9.16	7.51	2.56	62.72	14.55	1.71	3.83
58	gi|291463273|ref|NP_001167551.1|	199	213	13043	2.87	2.05	7.36	2.62	66.26	7.86	1.69	2.87
58	gi|291463273|ref|NP_001167551.1|	200	214	13044	2.51	2.04	3.23	1.54	63.38	3.6	1.84	2.51
58	gi|291463273|ref|NP_001167551.1|	201	215	13045	2.41	2.41	3.51	1.57	63.69	2.07	1.86	2.56
58	gi|291463273|ref|NP_001167551.1|	202	216	13046	2.99	2.41	3.55	2.99	66.28	1.8	1.83	3.76
58	gi|291463273|ref|NP_001167551.1|	203	217	13047	2.92	2.41	4.94	2.92	67.74	2.23	2.52	3.25
58	gi|291463273|ref|NP_001167551.1|	204	218	13048	5.67	4.87	9.28	4.86	71.14	5.23	5.67	11.11
58	gi|291463273|ref|NP_001167551.1|	205	219	13049	11.11	4.89	10.55	13.51	72.33	19.72	5.67	11.11
58	gi|291463273|ref|NP_001167551.1|	206	220	13050	9.97	4.35	12.9	9.6	70.57	32.19	1.73	9.97

Table 2

58	gi|291463273|ref|NP_001167551.1|	207	221	13051	8.42	6.22	21.36	7.93	72.01	28.18	1.72	8.42
58	gi|291463273|ref|NP_001167551.1|	208	222	13052	5.8	2.96	24.23	3.96	68.09	20.98	2.45	5.8
58	gi|291463273|ref|NP_001167551.1|	209	223	13053	3.59	1.24	16.6	3.51	61.28	15.92	2.13	3.59
58	gi|291463273|ref|NP_001167551.1|	210	224	13054	2.13	1.15	1.5	2.13	58.83	10.7	1.33	2.49
58	gi|291463273|ref|NP_001167551.1|	211	225	13055	2.21	1.29	2.05	2.21	4.63	9.91	1.32	3.21
58	gi|291463273|ref|NP_001167551.1|	212	226	13056	3.16	1.22	1.67	3.16	4.63	9.25	1.14	4.17
58	gi|291463273|ref|NP_001167551.1|	213	227	13057	2.75	1.01	1.48	2.75	4.63	8.5	0.61	4.42
58	gi|291463273|ref|NP_001167551.1|	214	228	13058	2.2	1.01	2.2	3.33	4.63	6.27	0.45	1.27
58	gi|291463273|ref|NP_001167551.1|	215	229	13059	3.04	1.28	3.04	7.16	4.63	4.5	0.56	1.27
58	gi|291463273|ref|NP_001167551.1|	216	230	13060	4.63	1.28	4.96	8.04	4.63	5.29	0.59	1.27
58	gi|291463273|ref|NP_001167551.1|	217	231	13061	4.7	4.7	19.68	7.14	4.63	5.95	0.58	1.27
58	gi|291463273|ref|NP_001167551.1|	218	232	13062	6.72	4.7	19.68	6.72	28.54	10.09	0.21	1.27
58	gi|291463273|ref|NP_001167551.1|	219	233	13063	5.82	4.7	19.68	5.82	28.54	20.18	0.22	3.71
58	gi|291463273|ref|NP_001167551.1|	220	234	13064	4.02	3.99	24.21	4.02	53.14	38.99	1.73	3.59
58	gi|291463273|ref|NP_001167551.1|	221	235	13065	8.63	2.86	31.2	3.82	31.23	53.55	2.22	8.63
58	gi|291463273|ref|NP_001167551.1|	222	236	13066	10.86	2.85	32.16	5.01	29.28	63.1	2.86	10.86
58	gi|291463273|ref|NP_001167551.1|	223	237	13067	5.21	2.76	28.3	4.35	5.21	66.31	2.86	10.46
58	gi|291463273|ref|NP_001167551.1|	224	238	13068	5.35	3.01	9.21	5.35	5.21	72.97	2.86	12.45
58	gi|291463273|ref|NP_001167551.1|	225	239	13069	2.46	1.32	2.46	0.11	5.21	80.61	4.45	2.05
58	gi|291463273|ref|NP_001167551.1|	226	240	13070	2.46	1.45	2.46	0.09	5.21	85.95	4.45	2.05
58	gi|291463273|ref|NP_001167551.1|	227	241	13071	2.46	1.45	2.46	0.08	5.21	85.67	4.45	2.05
58	gi|291463273|ref|NP_001167551.1|	228	242	13072	1.16	4.01	0.18	0.07	0.2	82.81	4.45	1.16
58	gi|291463273|ref|NP_001167551.1|	229	243	13073	0.91	4.01	0.18	0.07	0.18	79.22	0.91	1.16
58	gi|291463273|ref|NP_001167551.1|	230	244	13074	1.42	5.27	0.5	0.42	0.26	80.39	1.42	2.15
58	gi|291463273|ref|NP_001167551.1|	231	245	13075	0.59	5.57	0.59	0.34	0.38	80.2	0.58	2.08
58	gi|291463273|ref|NP_001167551.1|	232	246	13076	1.34	4.04	1.34	0.95	0.43	77.08	0.59	2.75
58	gi|291463273|ref|NP_001167551.1|	233	247	13077	1.75	4.31	1.75	1.02	1.11	72.6	0.54	3.49
58	gi|291463273|ref|NP_001167551.1|	234	248	13078	1.81	4.31	1.81	0.99	0.74	69.52	0.71	3.97
58	gi|291463273|ref|NP_001167551.1|	235	249	13079	4.31	4.31	2.03	1.1	10.91	69.24	0.72	4.74
58	gi|291463273|ref|NP_001167551.1|	236	250	13080	4.31	4.31	2.42	3.04	10.91	67.16	4.04	5.44
58	gi|291463273|ref|NP_001167551.1|	237	251	13081	5.16	7.35	2.59	3.39	10.91	57.93	4.04	5.16
58	gi|291463273|ref|NP_001167551.1|	294	308	13082	18.2	18.2	54.97	8.57	6.34	29.76	39.21	17.18
58	gi|291463273|ref|NP_001167551.1|	295	309	13083	14.01	14.48	14.01	7.41	6.34	24.82	33.73	12.86
58	gi|291463273|ref|NP_001167551.1|	296	310	13084	14.01	16.36	14.01	6.15	6.34	25.89	41.22	12.86
58	gi|291463273|ref|NP_001167551.1|	297	311	13085	14.01	22.89	14.01	9.76	6.34	30.68	47.33	12.86
58	gi|291463273|ref|NP_001167551.1|	298	312	13086	9.43	3.6	14.01	8.03	6.34	44.14	37.93	9.43
58	gi|291463273|ref|NP_001167551.1|	299	313	13087	14.01	4.56	14.01	8.81	22.03	63.39	37.93	8.93
58	gi|291463273|ref|NP_001167551.1|	300	314	13088	9.59	4.59	9.71	9.43	28.08	76.52	9.59	8.45
58	gi|291463273|ref|NP_001167551.1|	301	315	13089	9.71	4.36	9.71	11.87	27.35	75.28	8.18	8.44
58	gi|291463273|ref|NP_001167551.1|	302	316	13090	9.71	4.39	9.71	16.63	28.08	77.47	9.34	8.91
58	gi|291463273|ref|NP_001167551.1|	303	317	13091	11.24	11.24	9.71	14.38	28.08	77.89	6.31	9.86
58	gi|291463273|ref|NP_001167551.1|	304	318	13092	11.91	11.91	11.13	20.72	28.08	79.68	6.07	11.75
58	gi|291463273|ref|NP_001167551.1|	309	323	13093	17.02	15.17	40.05	31.11	3.26	68.55	12.97	17.02
58	gi|291463273|ref|NP_001167551.1|	310	324	13094	17.31	12.9	41.52	29.47	2.97	66.44	12.84	17.31
58	gi|291463273|ref|NP_001167551.1|	331	345	13095	9.71	12.33	9.71	1.77	0.29	73.08	44.76	1.4
58	gi|291463273|ref|NP_001167551.1|	332	346	13096	5.32	5.32	9.71	1.06	0.68	68.73	44.76	1.16
58	gi|291463273|ref|NP_001167551.1|	333	347	13097	5.68	5.68	9.71	1.1	0.73	68.62	44.76	1.17
58	gi|291463273|ref|NP_001167551.1|	334	348	13098	5.67	5.67	9.71	1.12	0.98	68.03	40.49	1.16

Table 2

58	gi|291463273|ref|NP_001167551.1|	335	349	13099	5.63	5.63	9.71	1.15	0.67	66.8	40.49	1.16
58	gi|291463273|ref|NP_001167551.1|	336	350	13100	9.71	16.2	9.71	2.4	1.07	66.96	40.49	2.71
58	gi|291463273|ref|NP_001167551.1|	337	351	13101	10.87	10.87	9.71	0.16	36.82	66.08	37.91	0.59
58	gi|291463273|ref|NP_001167551.1|	338	352	13102	9.56	7.31	28.3	0.27	33.93	64.45	9.56	0.57
58	gi|291463273|ref|NP_001167551.1|	339	353	13103	9.56	2.58	36.71	0.27	32.2	63.1	9.56	0.57
58	gi|291463273|ref|NP_001167551.1|	340	354	13104	9.56	2.43	13.24	0.16	30.42	62.65	9.56	0.51
58	gi|291463273|ref|NP_001167551.1|	341	355	13105	9.56	2.33	14.57	0.16	31.95	62.4	9.56	0.53
58	gi|291463273|ref|NP_001167551.1|	342	356	13106	9.56	2.29	14.67	0.42	30.64	66.92	9.56	2.01
58	gi|291463273|ref|NP_001167551.1|	343	357	13107	9.56	2.36	21.95	0.41	30.64	70.43	9.56	1.92
58	gi|291463273|ref|NP_001167551.1|	344	358	13108	9.56	2.71	26.13	3.63	17.27	55.98	9.56	4.34
58	gi|291463273|ref|NP_001167551.1|	345	359	13109	18.13	2.71	31.89	4.23	18.13	45.63	40.09	4.01
58	gi|291463273|ref|NP_001167551.1|	367	381	13110	17.13	12.35	42.98	17.13	31.91	16.95	37.78	2.63
58	gi|291463273|ref|NP_001167551.1|	368	382	13111	17.49	17.49	46.92	17.13	41.06	15.67	22.82	2.6
58	gi|291463273|ref|NP_001167551.1|	370	384	13112	16.34	15.15	42.98	21.36	63.79	16.34	1.78	2.63
58	gi|291463273|ref|NP_001167551.1|	371	385	13113	13.92	10.92	42.98	18.14	51.89	13.92	0.1	3.84
58	gi|291463273|ref|NP_001167551.1|	372	386	13114	14.15	10.92	42.98	23.37	51.89	14.15	0.1	5.05
58	gi|291463273|ref|NP_001167551.1|	373	387	13115	14.51	3.01	42.98	24.06	51.89	14.51	0.1	2.25
58	gi|291463273|ref|NP_001167551.1|	416	430	13116	14.81	11.2	11.03	44.01	75.22	14.81	27.85	5.77
58	gi|291463273|ref|NP_001167551.1|	417	431	13117	12.13	11.05	11.03	36.78	75.22	12.13	23.99	5.66
58	gi|291463273|ref|NP_001167551.1|	418	432	13118	15.72	11.41	11.03	37.03	75.22	15.72	21.88	8.99
58	gi|291463273|ref|NP_001167551.1|	419	433	13119	14.21	10.33	11.03	36.37	75.22	14.21	27.85	8.85
58	gi|291463273|ref|NP_001167551.1|	420	434	13120	5.58	3.31	3.12	19.79	72.67	8.29	1.2	5.58
58	gi|291463273|ref|NP_001167551.1|	421	435	13121	6.74	3.31	4.52	20.01	72.67	7.18	1.19	6.74
58	gi|291463273|ref|NP_001167551.1|	422	436	13122	8.93	5.83	6.62	21.85	72.67	8.93	1.27	22.78
58	gi|291463273|ref|NP_001167551.1|	423	437	13123	10.49	4.42	10.3	22.64	72.34	10.49	1.26	22.78
58	gi|291463273|ref|NP_001167551.1|	424	438	13124	16.89	7.12	15.91	24.09	72.67	16.89	1.35	22.78
58	gi|291463273|ref|NP_001167551.1|	452	466	13125	12.23	7.68	1.54	17.13	75.22	9.62	28.12	12.23
58	gi|291463273|ref|NP_001167551.1|	453	467	13126	17.13	12.75	1.54	17.13	75.22	22.44	25.82	12.23
58	gi|291463273|ref|NP_001167551.1|	454	468	13127	19.73	12.57	5.27	19.07	69.56	37.89	21.09	19.73
58	gi|291463273|ref|NP_001167551.1|	455	469	13128	17.13	8.94	5.23	17.13	14.04	34.28	19.49	19.73
58	gi|291463273|ref|NP_001167551.1|	466	480	13129	12.61	9.29	14.22	29.18	12.61	6.09	30.66	5.79
58	gi|291463273|ref|NP_001167551.1|	467	481	13130	12.61	8.75	25.2	29.18	12.61	7.37	21.73	5.79
58	gi|291463273|ref|NP_001167551.1|	468	482	13131	12.68	12.68	27.29	29.18	12.61	10.98	21.66	5.79
58	gi|291463273|ref|NP_001167551.1|	469	483	13132	15.61	18.18	37.04	14.71	12.61	15.61	15.98	5.79
58	gi|291463273|ref|NP_001167551.1|	470	484	13133	11.63	5.12	13.38	2.21	12.61	9.05	11.63	13.08
58	gi|291463273|ref|NP_001167551.1|	471	485	13134	11.55	13.6	13.38	1.8	12.61	6.07	11.36	11.55
58	gi|291463273|ref|NP_001167551.1|	472	486	13135	11.08	13.14	13.38	1.6	12.61	4.93	8.84	11.08
58	gi|291463273|ref|NP_001167551.1|	473	487	13136	8.83	12.92	14.99	2.05	28.38	4.74	8.83	7.23
58	gi|291463273|ref|NP_001167551.1|	474	488	13137	4.2	5.32	14.99	2.23	4.2	3.36	2.04	4.36
58	gi|291463273|ref|NP_001167551.1|	475	489	13138	4.2	5.88	13.38	3.37	4.2	2.58	1.47	4.45
58	gi|291463273|ref|NP_001167551.1|	476	490	13139	4.2	5.92	13.38	3.48	4.2	2.58	1.46	4.59
58	gi|291463273|ref|NP_001167551.1|	477	491	13140	3.83	5.9	7.93	3.83	4.2	2.65	1.64	3.27
58	gi|291463273|ref|NP_001167551.1|	478	492	13141	4.2	6.07	11.19	3.98	4.2	4.65	1.71	3.86
58	gi|291463273|ref|NP_001167551.1|	479	493	13142	4.78	14.97	11.03	3.69	4.2	7.29	3.5	4.78
58	gi|291463273|ref|NP_001167551.1|	480	494	13143	4.77	15.26	10.59	3.08	4.2	14.59	4.54	4.77
58	gi|291463273|ref|NP_001167551.1|	481	495	13144	9.26	33.92	13.38	5.52	7.12	29.17	9.26	5.29
58	gi|291463273|ref|NP_001167551.1|	482	496	13145	13.49	61.4	11.74	8.57	7.12	47.59	25.49	13.49
58	gi|291463273|ref|NP_001167551.1|	483	497	13146	10.88	15.89	0.51	9.83	7.12	51.17	18.25	10.88

Table 2

58	gi|291463273|ref|NP_001167551.1|	484	498	13147	13.16	24.23	0.38	10.25	13.16	44.37	45.38	7.46
58	gi|291463273|ref|NP_001167551.1|	485	499	13148	13.26	21.57	0.35	10.25	13.26	39.19	43.25	7.46
58	gi|291463273|ref|NP_001167551.1|	486	500	13149	14.27	21.57	0.35	10.25	14.27	39.68	48.43	7.46
58	gi|291463273|ref|NP_001167551.1|	487	501	13150	14.24	14.24	0.34	3.53	18.43	37.9	53.64	7.03
58	gi|291463273|ref|NP_001167551.1|	488	502	13151	14.24	14.24	0.56	3.04	24.08	39.5	15.14	5.42
58	gi|291463273|ref|NP_001167551.1|	489	503	13152	13.81	14.24	7.23	5.56	30.93	48.37	13.81	5.42
58	gi|291463273|ref|NP_001167551.1|	490	504	13153	5.42	2.1	4.61	2.5	57.65	38.5	12.03	5.42
58	gi|291463273|ref|NP_001167551.1|	491	505	13154	6.64	4.88	6.64	2.56	35.22	29.97	11.43	5.42
58	gi|291463273|ref|NP_001167551.1|	492	506	13155	8.36	5.41	8.36	2.79	30.69	26.99	11.22	6.1
58	gi|291463273|ref|NP_001167551.1|	493	507	13156	9.67	8.47	9.67	2.68	27.33	26.71	12.24	5.84
58	gi|291463273|ref|NP_001167551.1|	494	508	13157	14.26	10.38	14.26	2.83	26.61	28.7	15.68	6.21
58	gi|291463273|ref|NP_001167551.1|	495	509	13158	19.11	16.71	19.11	8.08	31.2	36.4	33.07	13.49
58	gi|291463273|ref|NP_001167551.1|	512	526	13159	5.24	3.98	30.69	3.49	1.31	50.19	51.73	5.24
58	gi|291463273|ref|NP_001167551.1|	513	527	13160	6.47	6.47	30.69	3.21	2.35	54.28	42.88	4.63
58	gi|291463273|ref|NP_001167551.1|	514	528	13161	6.74	6.74	30.69	3.33	4.08	63.45	42.88	4.55
58	gi|291463273|ref|NP_001167551.1|	515	529	13162	15.77	15.77	30.69	2.95	4.46	67.9	42.88	4.34
58	gi|291463273|ref|NP_001167551.1|	516	530	13163	15.77	15.77	30.69	3.8	4.46	67.24	42.88	4.34
58	gi|291463273|ref|NP_001167551.1|	517	531	13164	16.89	16.89	30.69	6.76	4.46	70.03	42.88	8.76
58	gi|291463273|ref|NP_001167551.1|	518	532	13165	14.15	27.42	30.69	2.81	4.46	71.49	14.15	4.11
58	gi|291463273|ref|NP_001167551.1|	519	533	13166	19.19	19.19	53.95	3.33	27.19	76.1	14.23	5
58	gi|291463273|ref|NP_001167551.1|	520	534	13167	19.17	19.17	43.8	4.42	32.16	76.72	13.98	4.13
58	gi|291463273|ref|NP_001167551.1|	521	535	13168	10.18	6.8	10.18	2.37	42.55	69.07	13.98	3.15
58	gi|291463273|ref|NP_001167551.1|	522	536	13169	11.43	6.44	11.43	2.37	18.51	64.42	13.98	3.08
58	gi|291463273|ref|NP_001167551.1|	523	537	13170	13.98	5	15.94	2.37	18.51	43.2	13.98	3.81
58	gi|291463273|ref|NP_001167551.1|	524	538	13171	13.98	3.67	19.54	2.37	17.46	32.2	13.98	2.94
58	gi|291463273|ref|NP_001167551.1|	525	539	13172	13.77	5.24	25.19	2.37	13.77	26.57	17.22	3.34
58	gi|291463273|ref|NP_001167551.1|	526	540	13173	13.77	5.24	32.16	4.79	13.77	28.02	14.18	4.81
58	gi|291463273|ref|NP_001167551.1|	527	541	13174	12.09	5.24	32.16	3.38	13.77	28.96	12.09	4.76
58	gi|291463273|ref|NP_001167551.1|	528	542	13175	13.77	5.24	32.16	9.17	13.77	33.09	19.64	7.3
58	gi|291463273|ref|NP_001167551.1|	529	543	13176	13.77	7.75	25.74	2.61	13.77	34.18	19.64	1.16
58	gi|291463273|ref|NP_001167551.1|	530	544	13177	13.77	8.82	30.04	1.2	13.77	28.21	21	1.69
58	gi|291463273|ref|NP_001167551.1|	531	545	13178	15.74	15.74	34.59	1.21	13.77	26.53	21	1.69
58	gi|291463273|ref|NP_001167551.1|	532	546	13179	17.86	15.52	28.31	1.48	22.15	17.86	21	1.69
58	gi|291463273|ref|NP_001167551.1|	533	547	13180	10.35	9.43	29.98	1.48	22.15	10.35	21	1.69
58	gi|291463273|ref|NP_001167551.1|	534	548	13181	10.95	10.95	30.26	4.19	22.15	8.72	21	1.69
58	gi|291463273|ref|NP_001167551.1|	535	549	13182	13.19	13.19	35.33	5.48	22.07	9.92	21	1.69
58	gi|291463273|ref|NP_001167551.1|	536	550	13183	17.52	13.54	47.58	16.35	22.56	13.81	43.11	17.52
58	gi|291463273|ref|NP_001167551.1|	541	555	13184	19.5	19.5	12.63	36.9	4.36	39.12	60.34	10.53
58	gi|291463273|ref|NP_001167551.1|	542	556	13185	19.5	19.5	12.71	38.02	4.28	37.75	60.34	10.53
58	gi|291463273|ref|NP_001167551.1|	544	558	13186	19.64	19.64	13.27	49.47	5.84	39.78	63	10.61
58	gi|291463273|ref|NP_001167551.1|	565	579	13187	11.71	11.71	7.67	8.28	45.27	30.08	50.62	1.71
58	gi|291463273|ref|NP_001167551.1|	566	580	13188	12.67	12.67	8.6	8.88	44.36	24.17	47.6	1.71
58	gi|291463273|ref|NP_001167551.1|	571	585	13189	17.62	5.66	14.41	18.51	17.62	41.52	53	5.12
58	gi|291463273|ref|NP_001167551.1|	572	586	13190	18.65	13.66	17.78	29.49	18.65	22.5	41.55	2.63
58	gi|291463273|ref|NP_001167551.1|	573	587	13191	3.65	9.31	0.25	3.39	18.58	3.65	4.94	1.54
58	gi|291463273|ref|NP_001167551.1|	574	588	13192	2.81	5.27	0.24	3.39	18.96	1.32	2.81	1.54
58	gi|291463273|ref|NP_001167551.1|	575	589	13193	0.88	0.23	0.4	0.88	28.69	0.37	1.76	1.54
58	gi|291463273|ref|NP_001167551.1|	576	590	13194	0.51	0.09	0.38	0.51	36.26	0.09	0.58	1.54

Table 2

58	gi|291463273|ref|NP_001167551.1|	577	591	13195	0.45	0.05	0.59	0.45	38.14	0.08	0.34	1.54
58	gi|291463273|ref|NP_001167551.1|	578	592	13196	0.31	0.05	1.02	0.31	41.82	0.08	0.24	1.62
58	gi|291463273|ref|NP_001167551.1|	579	593	13197	0.36	0.22	1.2	0.36	18.32	0.12	0.19	2.24
58	gi|291463273|ref|NP_001167551.1|	580	594	13198	0.76	0.36	4.5	0.76	18.32	0.39	0.2	2.24
58	gi|291463273|ref|NP_001167551.1|	581	595	13199	0.91	0.36	6.47	0.56	18.32	0.91	0.26	1.87
58	gi|291463273|ref|NP_001167551.1|	582	596	13200	2.19	4.27	3.43	0.57	18.32	2.19	0.49	1.87
58	gi|291463273|ref|NP_001167551.1|	583	597	13201	2.74	4.45	5.81	0.62	18.32	2.74	1.88	1.87
58	gi|291463273|ref|NP_001167551.1|	584	598	13202	4.09	5.11	5.17	0.78	18.32	4.09	2.53	1.87
58	gi|291463273|ref|NP_001167551.1|	585	599	13203	4.07	5.11	4.07	1.1	18.32	5.09	3.38	1.87
58	gi|291463273|ref|NP_001167551.1|	586	600	13204	5.84	5.84	5.17	1.6	25.58	6.01	10.17	1.87
58	gi|291463273|ref|NP_001167551.1|	587	601	13205	5.17	1.76	5.17	1.6	26.42	5.84	10.17	1.87
58	gi|291463273|ref|NP_001167551.1|	588	602	13206	5.17	1.75	5.17	2.04	26.41	6.99	10.17	2.92
58	gi|291463273|ref|NP_001167551.1|	589	603	13207	6.73	6.66	5.17	7.67	35.32	6.73	23.78	4.01
58	gi|291463273|ref|NP_001167551.1|	590	604	13208	5.88	6.66	5.17	5.88	14.47	2.27	19.85	4.01
58	gi|291463273|ref|NP_001167551.1|	591	605	13209	4.01	8.08	1.59	3.29	12.73	0.94	10.17	4.01
58	gi|291463273|ref|NP_001167551.1|	592	606	13210	6.21	8.36	2.84	3.25	12.46	0.63	36.32	6.21
58	gi|291463273|ref|NP_001167551.1|	593	607	13211	4.88	7.06	3.29	4.68	11.71	0.52	36.39	4.88
58	gi|291463273|ref|NP_001167551.1|	594	608	13212	2.55	1	2.55	2.03	16.29	0.62	11.32	3.73
58	gi|291463273|ref|NP_001167551.1|	595	609	13213	2.55	1.89	2.55	2.32	21.87	1	6.05	3.73
58	gi|291463273|ref|NP_001167551.1|	596	610	13214	4.37	1.94	2.55	6.62	29.14	4.09	4.78	4.37
58	gi|291463273|ref|NP_001167551.1|	597	611	13215	4.13	1.13	2.55	5.27	30.82	13.24	4.1	4.13
58	gi|291463273|ref|NP_001167551.1|	598	612	13216	4.29	1.05	2.55	5.07	31.27	6.3	4.29	1.54
58	gi|291463273|ref|NP_001167551.1|	599	613	13217	3.31	1.06	3.31	3.26	30.93	3.56	3.73	1.41
58	gi|291463273|ref|NP_001167551.1|	600	614	13218	3.04	1	3.84	3.04	28.7	2.42	3.55	0.75
58	gi|291463273|ref|NP_001167551.1|	601	615	13219	2.84	0.46	12.3	2.84	36.26	1.43	7.13	0.42
58	gi|291463273|ref|NP_001167551.1|	602	616	13220	1.68	0.46	11.84	1.59	40.12	1.68	7.78	0.75
58	gi|291463273|ref|NP_001167551.1|	603	617	13221	1.7	0.46	10.78	1.59	37.86	1.7	5.6	1.13
58	gi|291463273|ref|NP_001167551.1|	604	618	13222	2.6	0.76	9.74	1.59	42	2.6	5.18	1.52
58	gi|291463273|ref|NP_001167551.1|	605	619	13223	1.69	0.76	1.59	1.26	35.24	3.28	4.85	1.69
58	gi|291463273|ref|NP_001167551.1|	606	620	13224	1.93	1.02	1.93	1.26	32.13	3.85	7.8	1.69
58	gi|291463273|ref|NP_001167551.1|	607	621	13225	2.44	0.97	2.44	1.26	29.48	5.79	9.23	1.69
58	gi|291463273|ref|NP_001167551.1|	608	622	13226	4.63	3.31	4.63	1.26	28.24	12.54	6.32	1.69
58	gi|291463273|ref|NP_001167551.1|	609	623	13227	6.32	3.31	6.38	1.52	30.91	21.99	6.32	1.87
58	gi|291463273|ref|NP_001167551.1|	610	624	13228	6.32	3.31	9.04	2.44	30.01	34.21	6.32	1.87
58	gi|291463273|ref|NP_001167551.1|	611	625	13229	6.32	3.31	12.2	1.67	30.01	71.55	6.32	1.87
58	gi|291463273|ref|NP_001167551.1|	612	626	13230	5.05	3.31	18.53	1.39	15.72	83.99	4.28	5.05
58	gi|291463273|ref|NP_001167551.1|	613	627	13231	5.64	4.15	13.69	0.69	15.72	85.52	4.28	5.64
58	gi|291463273|ref|NP_001167551.1|	614	628	13232	6.2	4.95	13.69	0.69	15.72	86.43	4.28	6.2
58	gi|291463273|ref|NP_001167551.1|	615	629	13233	9.29	9.29	13.69	0.7	15.72	86.23	4.28	6.76
58	gi|291463273|ref|NP_001167551.1|	616	630	13234	4.28	8.09	0.37	0.52	11.64	81.73	4.28	1.05
58	gi|291463273|ref|NP_001167551.1|	617	631	13235	4.28	7.37	0.33	0.59	11.64	78.15	4.28	0.98
58	gi|291463273|ref|NP_001167551.1|	618	632	13236	4.28	4.35	0.26	1.01	11.64	73.98	4.28	0.3
58	gi|291463273|ref|NP_001167551.1|	619	633	13237	4.27	4.27	0.23	1.01	11.64	68.37	14.77	0.3
58	gi|291463273|ref|NP_001167551.1|	620	634	13238	4.43	4.43	0.24	1.29	11.64	63.12	14.77	0.3
58	gi|291463273|ref|NP_001167551.1|	621	635	13239	4.27	4.27	0.46	2.28	11.64	56.14	14.77	0.3
58	gi|291463273|ref|NP_001167551.1|	622	636	13240	4.4	4.4	0.49	1.93	11.64	50.42	5.92	0.3
58	gi|291463273|ref|NP_001167551.1|	623	637	13241	3.98	9.08	1.54	3.56	15.43	54.69	3.98	0.86
58	gi|291463273|ref|NP_001167551.1|	624	638	13242	9.87	9.87	24.69	3.89	17.05	61.71	3.56	0.86

Table 2

58	gi|291463273|ref|NP_001167551.1|	625	639	13243	18.11	19.81	24.69	4.41	18.11	65.42	3.06	5.12
58	gi|291463273|ref|NP_001167551.1|	648	662	13244	19.99	29.6	19.93	19.99	8.54	32.38	60.34	16.57
58	gi|291463273|ref|NP_001167551.1|	651	665	13245	16.57	29.6	6.09	23.62	0.23	64.81	6.92	16.57
58	gi|291463273|ref|NP_001167551.1|	652	666	13246	10.4	15.15	9.9	13.67	0.25	77.45	1.81	10.4
58	gi|291463273|ref|NP_001167551.1|	653	667	13247	12.41	14.41	11.82	12.41	1.64	78.91	1.37	13.5
58	gi|291463273|ref|NP_001167551.1|	654	668	13248	12.6	14.41	12.05	12.6	1.68	85.22	1.36	13.57
58	gi|291463273|ref|NP_001167551.1|	655	669	13249	13.42	8.98	13.42	14.04	11.51	83.21	1.38	14.96
58	gi|291463273|ref|NP_001167551.1|	656	670	13250	8.44	8.98	8.44	8.99	3.61	71.02	1.29	6.18
58	gi|291463273|ref|NP_001167551.1|	657	671	13251	18.39	18.39	26.94	14.4	39.73	64.84	5.83	6.18
58	gi|291463273|ref|NP_001167551.1|	683	697	13252	16.64	14.5	14.34	5.91	16.64	86.71	19.61	19.37
58	gi|291463273|ref|NP_001167551.1|	684	698	13253	15.34	9.34	14.34	4.46	16.64	87.69	19.61	15.34
58	gi|291463273|ref|NP_001167551.1|	685	699	13254	14.34	8.79	14.34	4.59	16.64	87.81	19.61	13.73
58	gi|291463273|ref|NP_001167551.1|	686	700	13255	14.34	8.27	14.34	4.72	16.64	88.45	19.61	11.4
58	gi|291463273|ref|NP_001167551.1|	687	701	13256	14.34	11.38	14.34	3.58	16.64	84.38	19.61	6.15
58	gi|291463273|ref|NP_001167551.1|	688	702	13257	11.93	11.68	14.34	3.67	33.91	81.24	11.93	3.43
58	gi|291463273|ref|NP_001167551.1|	689	703	13258	11.93	2.27	14.34	4.91	33.91	72	11.93	3.39
58	gi|291463273|ref|NP_001167551.1|	690	704	13259	11.93	2.24	35.29	4.06	33.91	63.86	11.93	3.22
58	gi|291463273|ref|NP_001167551.1|	691	705	13260	11.93	2.22	21.54	0.34	36.92	56.33	11.93	2.53
58	gi|291463273|ref|NP_001167551.1|	692	706	13261	11.93	2.22	21.23	0.3	35.44	53.2	11.93	3.02
58	gi|291463273|ref|NP_001167551.1|	693	707	13262	11.93	3.67	22.95	0.3	41.96	41.09	11.93	4.38
58	gi|291463273|ref|NP_001167551.1|	694	708	13263	11.93	8.98	22.95	0.28	41.96	32	11.93	4.56
58	gi|291463273|ref|NP_001167551.1|	697	711	13264	7.82	8.34	7.82	2.36	6.73	27.94	19.94	6.89
58	gi|291463273|ref|NP_001167551.1|	698	712	13265	8.62	8.62	10.68	8.46	2.3	31.07	19.94	7.61
58	gi|291463273|ref|NP_001167551.1|	699	713	13266	9.06	8.6	12.89	9.06	2.58	39.92	19.94	7.5
58	gi|291463273|ref|NP_001167551.1|	700	714	13267	7.82	8.34	7.82	0.24	2.39	51.34	19.94	4.69
58	gi|291463273|ref|NP_001167551.1|	701	715	13268	7.82	8.34	7.82	0.26	2.34	59.55	19.94	4.69
58	gi|291463273|ref|NP_001167551.1|	702	716	13269	7.82	8.34	7.82	0.27	3.08	64.8	19.94	4.69
58	gi|291463273|ref|NP_001167551.1|	703	717	13270	5.05	8.34	5.05	0.24	1.42	31.29	19.94	4.69
58	gi|291463273|ref|NP_001167551.1|	704	718	13271	8.34	8.34	5.87	0.23	1.42	17.3	23.93	9.43
58	gi|291463273|ref|NP_001167551.1|	705	719	13272	9.43	8.34	7.62	1.35	37.25	13.26	16.81	9.43
58	gi|291463273|ref|NP_001167551.1|	706	720	13273	9.43	2.71	9.84	1.43	35.63	9.33	15.13	9.43
58	gi|291463273|ref|NP_001167551.1|	707	721	13274	15.41	2.85	14.97	22.1	36.39	8.94	15.64	15.41
58	gi|291463273|ref|NP_001167551.1|	708	722	13275	19.15	2.87	21.28	30.5	31.2	11.48	17.59	19.15
58	gi|291463273|ref|NP_001167551.1|	733	747	13276	19.99	27.87	36.52	19.99	71.83	18.77	3.3	1.31
58	gi|291463273|ref|NP_001167551.1|	734	748	13277	17.9	17.9	40.39	19.99	71	17.83	2.74	1.78
58	gi|291463273|ref|NP_001167551.1|	735	749	13278	17.9	17.9	38.1	19.99	68.12	14.55	2.6	2.37
58	gi|291463273|ref|NP_001167551.1|	736	750	13279	17.9	17.9	43.62	19.99	75.22	17.19	11.93	4.14
58	gi|291463273|ref|NP_001167551.1|	737	751	13280	19.99	17.9	50.48	19.99	75.22	27.65	11.93	10.58
58	gi|291463273|ref|NP_001167551.1|	779	793	13281	18.12	32.11	58.36	17.15	70.91	17.65	8.55	18.12
58	gi|291463273|ref|NP_001167551.1|	780	794	13282	16.81	6.88	40.87	16.81	70.91	14.57	16.45	17.63
58	gi|291463273|ref|NP_001167551.1|	781	795	13283	12.64	1.28	13.45	12.64	47.56	10.43	27.42	12.35
58	gi|291463273|ref|NP_001167551.1|	782	796	13284	12.06	0.76	16.02	12.06	42.97	10.75	29.92	8.92
58	gi|291463273|ref|NP_001167551.1|	798	812	13285	16.55	8.84	2.14	19.36	19.06	16.55	38.22	1.87
58	gi|291463273|ref|NP_001167551.1|	799	813	13286	18.19	22.71	1.85	20.72	18.19	5.64	37.87	1.87
58	gi|291463273|ref|NP_001167551.1|	800	814	13287	18.78	22.25	1.83	20.72	18.78	5.55	32.42	1.87
58	gi|291463273|ref|NP_001167551.1|	801	815	13288	17.72	23.36	2.2	20.72	17.72	6.73	32.42	1.87
58	gi|291463273|ref|NP_001167551.1|	802	816	13289	5.94	5.94	2.49	11.04	27.69	5	32.42	1.87
58	gi|291463273|ref|NP_001167551.1|	803	817	13290	6.66	5.91	2.89	22.36	47.67	6.66	32.42	1.94

Table 2

58	gi|291463273|ref|NP_001167551.1|	804	818	13291	16.24	5.95	4.98	23.14	59.27	16.24	32.42	1.98
58	gi|291463273|ref|NP_001167551.1|	812	826	13292	18.2	0.18	28.84	18.2	6.96	27.04	30.58	17.43
58	gi|291463273|ref|NP_001167551.1|	813	827	13293	19.4	5.26	34.72	19.4	11.77	25.82	34.95	18.27
58	gi|291463273|ref|NP_001167551.1|	814	828	13294	19.7	3.79	41.96	19.7	12.04	27.68	35.43	18.82
58	gi|291463273|ref|NP_001167551.1|	853	867	13295	18.08	14.48	27.37	12.27	35.48	23.71	18.08	3.19
58	gi|291463273|ref|NP_001167551.1|	854	868	13296	16.97	14.11	27.37	12.27	35.48	16.97	17.52	3.19
58	gi|291463273|ref|NP_001167551.1|	855	869	13297	14.63	14.12	27.37	12.27	35.48	14.63	22.48	3.19
58	gi|291463273|ref|NP_001167551.1|	856	870	13298	16.74	14.11	27.37	12.27	35.48	16.74	22.98	3.19
58	gi|291463273|ref|NP_001167551.1|	1060	1074	13299	12.12	12.12	42.98	7.41	8	49.32	20.32	11.11
58	gi|291463273|ref|NP_001167551.1|	1061	1075	13300	16.68	16.68	42.98	7.41	8	30.84	20.32	11.11
58	gi|291463273|ref|NP_001167551.1|	1063	1077	13301	11.11	8.24	42.98	7.41	8	21.11	20.32	11.11
58	gi|291463273|ref|NP_001167551.1|	1064	1078	13302	11.11	8.24	42.98	7.41	8	21.83	20.32	11.11
58	gi|291463273|ref|NP_001167551.1|	1065	1079	13303	13.05	13.05	42.98	11.96	8	23.36	20.32	11.11
58	gi|291463273|ref|NP_001167551.1|	1066	1080	13304	13	13	42.98	12.27	8	29.08	20.32	11.11
58	gi|291463273|ref|NP_001167551.1|	1104	1118	13305	11.71	11.71	48.09	6.82	17.21	31.73	4.03	9.56
58	gi|291463273|ref|NP_001167551.1|	1105	1119	13306	17.21	21.33	49.93	6.89	17.21	31.29	4.06	10.17
58	gi|291463273|ref|NP_001167551.1|	1215	1229	13307	15.32	39.11	15.32	8.71	4.32	68.64	48.94	10.7
58	gi|291463273|ref|NP_001167551.1|	1216	1230	13308	15.32	39.6	15.32	9.26	4.32	63.1	40.95	11.45
58	gi|291463273|ref|NP_001167551.1|	1217	1231	13309	15.32	39.75	15.32	11.68	6.77	62.6	26.97	9.97
58	gi|291463273|ref|NP_001167551.1|	1218	1232	13310	15.32	39.79	15.32	11.5	8.03	51.52	25.93	9.97
58	gi|291463273|ref|NP_001167551.1|	1219	1233	13311	2.44	3.9	0.21	7.94	2.19	1.71	21.12	2.44
58	gi|291463273|ref|NP_001167551.1|	1220	1234	13312	2.28	1.52	0.24	5.43	2.28	0.17	3.9	2.44
58	gi|291463273|ref|NP_001167551.1|	1221	1235	13313	1.52	0.64	0.31	4.94	2.49	0.06	3.9	1.52
58	gi|291463273|ref|NP_001167551.1|	1222	1236	13314	0.84	0.24	0.31	5.93	2.5	0.03	3.9	0.84
58	gi|291463273|ref|NP_001167551.1|	1223	1237	13315	0.91	0.31	0.45	6.11	4.85	0.04	4.32	0.91
58	gi|291463273|ref|NP_001167551.1|	1224	1238	13316	1.21	0.59	0.68	7.94	9.08	0.06	9.6	1.21
58	gi|291463273|ref|NP_001167551.1|	1225	1239	13317	2.1	1.36	1.06	7.94	15.94	0.5	10.09	2.1
58	gi|291463273|ref|NP_001167551.1|	1226	1240	13318	17.42	7.51	17.42	19.17	20.33	7.72	30.22	3.19
58	gi|291463273|ref|NP_001167551.1|	1227	1241	13319	7.19	3.66	7.19	3.02	41.65	23.73	9.18	2.32
58	gi|291463273|ref|NP_001167551.1|	1228	1242	13320	12.35	43.67	7.19	3.07	39.74	31.98	8.86	12.35
58	gi|291463273|ref|NP_001167551.1|	1229	1243	13321	11.64	44.59	7.19	2.52	41.02	26.71	8.46	11.64
58	gi|291463273|ref|NP_001167551.1|	1230	1244	13322	8.46	9.56	7.19	2.01	40.8	12.77	8.46	5.12
58	gi|291463273|ref|NP_001167551.1|	1231	1245	13323	4.52	8.63	4.89	1.25	39.47	4.52	3.34	2.21
58	gi|291463273|ref|NP_001167551.1|	1232	1246	13324	4.45	8.67	4.88	1.6	33.35	2.97	4.45	2.16
58	gi|291463273|ref|NP_001167551.1|	1233	1247	13325	3.66	3.66	5.27	1.84	24.86	3.42	4.43	1.74
58	gi|291463273|ref|NP_001167551.1|	1234	1248	13326	5.37	6.25	8.59	2.24	23.72	2.88	5.37	2.15
58	gi|291463273|ref|NP_001167551.1|	1235	1249	13327	6.42	7.17	9.03	2.76	23.34	4.5	6.42	2.64
58	gi|291463273|ref|NP_001167551.1|	1236	1250	13328	8.15	7.17	18.64	2	26.21	8.15	9.71	4.95
58	gi|291463273|ref|NP_001167551.1|	1237	1251	13329	7.17	7.17	5.19	2.38	19.71	17.93	8.71	5.78
58	gi|291463273|ref|NP_001167551.1|	1238	1252	13330	12	7.17	10.35	2.2	19.86	28.32	12	15.55
58	gi|291463273|ref|NP_001167551.1|	1239	1253	13331	7.17	7.17	3.71	2.09	6.69	34.85	10.02	14.25
58	gi|291463273|ref|NP_001167551.1|	1240	1254	13332	7.45	17.87	3.39	2.98	6.69	43.01	7.45	17.44
58	gi|291463273|ref|NP_001167551.1|	1241	1255	13333	9.58	18.09	3.39	3.81	6.69	44.14	9.58	17.68
58	gi|291463273|ref|NP_001167551.1|	1242	1256	13334	15.48	15.99	3.39	5.1	6.69	48.02	15.48	18.71
58	gi|291463273|ref|NP_001167551.1|	1243	1257	13335	12.82	12.82	3.39	14.35	0.41	59.62	3.22	17.09
58	gi|291463273|ref|NP_001167551.1|	1244	1258	13336	5.99	2.84	27.74	7.98	0.59	63.77	3.22	5.99
58	gi|291463273|ref|NP_001167551.1|	1245	1259	13337	3.22	2.69	2.37	4.69	2.36	61.58	3.22	5.37
58	gi|291463273|ref|NP_001167551.1|	1246	1260	13338	3.22	2.27	2.37	3.45	2.19	55.49	3.22	4.59

Table 2

58	gi|291463273|ref|NP_001167551.1|	1247	1261	13339	2.04	1.53	2.37	0.57	1.77	38.74	3.22	2.04
58	gi|291463273|ref|NP_001167551.1|	1248	1262	13340	2.01	0.96	2.37	0.57	1.44	20.66	3.22	2.01
58	gi|291463273|ref|NP_001167551.1|	1249	1263	13341	2.37	1.23	2.37	0.57	1.46	14.63	3.22	2.58
58	gi|291463273|ref|NP_001167551.1|	1250	1264	13342	2.68	1.22	2.37	0.64	30.66	15.14	6.31	2.68
58	gi|291463273|ref|NP_001167551.1|	1251	1265	13343	3.16	1.55	2.37	0.78	30.66	18.78	6.83	3.16
58	gi|291463273|ref|NP_001167551.1|	1252	1266	13344	12.46	1.62	12.46	3.49	30.66	26.55	17.02	8.37
58	gi|291463273|ref|NP_001167551.1|	1253	1267	13345	12.46	3.56	12.46	4.23	28.32	37.68	17.02	9.31
58	gi|291463273|ref|NP_001167551.1|	1274	1288	13346	18.08	18.08	3.25	0.95	19.45	41.08	40.28	5.42
58	gi|291463273|ref|NP_001167551.1|	1275	1289	13347	18.08	18.08	4.1	1.46	19.54	35.09	45.67	5.42
58	gi|291463273|ref|NP_001167551.1|	1276	1290	13348	10.66	13.16	3.88	8.95	10.66	32.65	54.69	1.58
58	gi|291463273|ref|NP_001167551.1|	1277	1291	13349	15.43	18.5	5.54	15.43	11.19	37.49	58.6	1.58
58	gi|291463273|ref|NP_001167551.1|	1278	1292	13350	18.74	18.74	3.03	19.7	12.24	42.32	68.68	1.49
58	gi|291463273|ref|NP_001167551.1|	1282	1296	13351	18.15	2.47	9.19	23.66	18.15	34.3	26.86	2.3
58	gi|291463273|ref|NP_001167551.1|	1283	1297	13352	11.52	8.98	11.52	29.01	0.18	30.6	25.5	3.76
58	gi|291463273|ref|NP_001167551.1|	1284	1298	13353	14.88	5.24	15.71	29.3	0.17	34.6	14.88	3.48
58	gi|291463273|ref|NP_001167551.1|	1285	1299	13354	12.86	5.24	22.71	18.51	0.16	33.15	8.44	12.86
58	gi|291463273|ref|NP_001167551.1|	1286	1300	13355	15.16	2.66	29.15	21.21	0.16	37.03	15.16	12.86
58	gi|291463273|ref|NP_001167551.1|	1287	1301	13356	9.61	2.66	23.87	15.62	1.39	38.2	9.61	5.05
58	gi|291463273|ref|NP_001167551.1|	1288	1302	13357	4.52	2.03	21.84	6.64	0.92	30.04	4.52	4.13
58	gi|291463273|ref|NP_001167551.1|	1289	1303	13358	3.89	1.42	25.69	3.89	0.14	20.67	3.31	5.88
58	gi|291463273|ref|NP_001167551.1|	1290	1304	13359	5.86	1.42	31.52	3.93	15.67	18.81	2.86	5.86
58	gi|291463273|ref|NP_001167551.1|	1291	1305	13360	5.97	1.42	39.31	3.93	15.83	17.2	3.45	5.97
58	gi|291463273|ref|NP_001167551.1|	1292	1306	13361	11.18	1.42	39.31	4.37	15.83	18.13	4.68	11.18
58	gi|291463273|ref|NP_001167551.1|	1293	1307	13362	14.18	1.42	39.31	7.05	15.83	24.17	1.16	14.18
58	gi|291463273|ref|NP_001167551.1|	1294	1308	13363	15.83	3.81	39.31	10.92	15.83	38.6	2.05	24.6
58	gi|291463273|ref|NP_001167551.1|	1295	1309	13364	5.42	2.16	8.27	1.77	15.83	44.16	1.72	5.42
58	gi|291463273|ref|NP_001167551.1|	1296	1310	13365	2.37	2.37	8.27	1.4	17.21	17.14	2.01	1.4
58	gi|291463273|ref|NP_001167551.1|	1297	1311	13366	2.36	2.36	8.27	1.21	14.4	11.78	1.72	1.4
58	gi|291463273|ref|NP_001167551.1|	1298	1312	13367	2.7	2.24	8.27	0.9	12.48	6.84	2.7	1.37
58	gi|291463273|ref|NP_001167551.1|	1299	1313	13368	2.66	2.24	8.27	0.9	13.34	5.46	2.66	1.21
58	gi|291463273|ref|NP_001167551.1|	1300	1314	13369	7.81	5.33	10.51	0.9	17.14	7.81	35.36	1.4
58	gi|291463273|ref|NP_001167551.1|	1301	1315	13370	10.72	8.75	10.72	1.28	22.35	12.18	35.36	1.4
58	gi|291463273|ref|NP_001167551.1|	1302	1316	13371	11.15	8.94	49.55	16.81	3.92	11.15	41.82	1.47
58	gi|291463273|ref|NP_001167551.1|	1303	1317	13372	14.67	11.46	49.93	20.31	3.3	14.19	38.53	14.67
58	gi|291463273|ref|NP_001167551.1|	1304	1318	13373	14.67	11.46	49.93	18.77	3.2	9.78	30.16	14.67
58	gi|291463273|ref|NP_001167551.1|	1305	1319	13374	14.67	9.02	49.93	14.94	3.01	8.04	29.06	14.67
58	gi|291463273|ref|NP_001167551.1|	1306	1320	13375	11.46	11.46	36.72	8.1	4.24	9.53	22.87	13.97
58	gi|291463273|ref|NP_001167551.1|	1307	1321	13376	11.46	11.46	38.18	7.16	6.28	12.95	31.16	11.24
58	gi|291463273|ref|NP_001167551.1|	1308	1322	13377	16.82	11.46	43.78	7.71	8.48	24.49	40.41	16.82
58	gi|291463273|ref|NP_001167551.1|	1311	1325	13378	19.2	11.41	10.24	12.02	19.2	63.39	22.63	31.31
58	gi|291463273|ref|NP_001167551.1|	1312	1326	13379	9.84	11.41	7.36	2.61	9.84	46.4	21.58	3.44
58	gi|291463273|ref|NP_001167551.1|	1313	1327	13380	9.21	1.59	9.21	1.14	10.16	34.51	22.82	3.44
58	gi|291463273|ref|NP_001167551.1|	1314	1328	13381	9.13	0.78	9.21	1.06	9.13	29.03	24.1	3.44
58	gi|291463273|ref|NP_001167551.1|	1315	1329	13382	8.93	0.78	9.21	1.02	8.93	26.99	21.83	3.44
58	gi|291463273|ref|NP_001167551.1|	1316	1330	13383	9.21	0.78	9.21	1.12	11.22	29.15	20.86	3.44
58	gi|291463273|ref|NP_001167551.1|	1317	1331	13384	9.21	0.78	9.21	4.21	14.55	36.63	29.39	3.44
58	gi|291463273|ref|NP_001167551.1|	1318	1332	13385	9.21	1.36	9.21	5.05	21.01	52.05	29.39	3.44
58	gi|291463273|ref|NP_001167551.1|	1325	1339	13386	16.81	12.37	6.99	34.2	59.84	16.81	80.57	12.23

Table 2

58	gi|291463273|ref|NP_001167551.1|	1333	1347	13387	6.47	8.34	0.13	1	51.29	3.02	13.28	6.47
58	gi|291463273|ref|NP_001167551.1|	1334	1348	13388	4.26	8.34	0.07	1	48.84	0.52	6.89	4.26
58	gi|291463273|ref|NP_001167551.1|	1335	1349	13389	2.41	2.41	0.11	0.91	55.02	0.11	3.65	2.42
58	gi|291463273|ref|NP_001167551.1|	1336	1350	13390	0.86	1.4	0.11	0.67	53.7	0.06	0.86	2.07
58	gi|291463273|ref|NP_001167551.1|	1337	1351	13391	0.88	0.88	0.15	0.88	53.7	0.06	0.46	3.05
58	gi|291463273|ref|NP_001167551.1|	1338	1352	13392	0.74	0.74	0.31	1	53.7	0.07	0.18	4
58	gi|291463273|ref|NP_001167551.1|	1339	1353	13393	1	1.14	0.48	1	53.7	0.09	0.15	5.16
58	gi|291463273|ref|NP_001167551.1|	1340	1354	13394	3.16	1.14	3.88	3.16	53.7	0.24	0.14	8.92
58	gi|291463273|ref|NP_001167551.1|	1341	1355	13395	2.66	1.14	5.63	5.13	53.7	0.5	0.36	2.66
58	gi|291463273|ref|NP_001167551.1|	1342	1356	13396	1.57	1.49	3.81	1.57	53.7	0.6	0.19	1.87
58	gi|291463273|ref|NP_001167551.1|	1343	1357	13397	1.48	1.42	7.86	1.48	60.94	0.44	0.21	1.87
58	gi|291463273|ref|NP_001167551.1|	1344	1358	13398	1.4	1.39	8.86	1.4	60.94	0.43	0.23	1.87
58	gi|291463273|ref|NP_001167551.1|	1345	1359	13399	1.18	1.38	9.58	1.18	60.94	0.24	0.23	0.17
58	gi|291463273|ref|NP_001167551.1|	1346	1360	13400	1.48	2.27	12.39	1.48	60.94	0.17	0.8	0.17
58	gi|291463273|ref|NP_001167551.1|	1347	1361	13401	3.11	3.71	17.41	3.11	70.04	0.44	1.64	0.23
58	gi|291463273|ref|NP_001167551.1|	1348	1362	13402	2.87	3.86	17.78	2.87	69.42	0.8	1.91	0.17
58	gi|291463273|ref|NP_001167551.1|	1349	1363	13403	5.2	6.15	17.78	4	67.7	1.48	5.2	0.17
58	gi|291463273|ref|NP_001167551.1|	1350	1364	13404	6.48	6.48	17.78	7.35	73.77	3.34	5.52	0.17
58	gi|291463273|ref|NP_001167551.1|	1351	1365	13405	4.35	5.19	17.78	3.56	75.22	4.28	4.35	0.17
58	gi|291463273|ref|NP_001167551.1|	1352	1366	13406	3.91	5.5	17.78	3.91	70.16	2.42	3.77	1.16
58	gi|291463273|ref|NP_001167551.1|	1353	1367	13407	4.81	6.74	37.73	4.81	70.16	1.57	3.36	1.16
58	gi|291463273|ref|NP_001167551.1|	1354	1368	13408	4.88	6.9	37.73	4.88	32.32	2.05	3.73	1.16
58	gi|291463273|ref|NP_001167551.1|	1355	1369	13409	9.03	8.34	37.73	5.76	32.32	3.51	10.46	9.03
58	gi|291463273|ref|NP_001167551.1|	1356	1370	13410	14.9	18.2	56.82	14.9	32.32	7.29	8.77	11.11
58	gi|291463273|ref|NP_001167551.1|	1357	1371	13411	18.19	18.19	19.35	15.21	32.32	20.54	8.77	11.11
58	gi|291463273|ref|NP_001167551.1|	1363	1377	13412	17.61	16.43	17.39	39.52	30.32	17.61	45.77	4.42
58	gi|291463273|ref|NP_001167551.1|	1365	1379	13413	14.57	0.11	20.9	12.59	21.25	14.57	47.81	3.74
58	gi|291463273|ref|NP_001167551.1|	1366	1380	13414	13.82	0.11	20.87	12.08	18.54	13.82	39.4	4.62
58	gi|291463273|ref|NP_001167551.1|	1367	1381	13415	14.64	0.11	20.73	11.19	19.65	14.64	20.24	4.97
58	gi|291463273|ref|NP_001167551.1|	1368	1382	13416	4.12	0.11	2.72	4.12	23.74	12.45	12.87	2.43
58	gi|291463273|ref|NP_001167551.1|	1369	1383	13417	4.09	0.21	2.93	4.09	26.89	10.23	12.87	2.42
58	gi|291463273|ref|NP_001167551.1|	1370	1384	13418	4.64	0.21	3.86	4.64	25.18	11.75	12.87	3.04
58	gi|291463273|ref|NP_001167551.1|	1371	1385	13419	9.98	9.98	4.89	4.06	26.89	16.43	12.87	2.93
58	gi|291463273|ref|NP_001167551.1|	1372	1386	13420	9.07	9.07	5.27	1.12	26.89	20.47	12.87	0.69
58	gi|291463273|ref|NP_001167551.1|	1373	1387	13421	9.7	9.7	7.02	1.25	26.89	28.52	12.87	0.81
58	gi|291463273|ref|NP_001167551.1|	1374	1388	13422	8.34	6.17	8.34	0.56	26.89	54.83	16.55	0.74
58	gi|291463273|ref|NP_001167551.1|	1375	1389	13423	10.21	5.79	27.37	0.27	29.01	66.05	10.21	0.76
58	gi|291463273|ref|NP_001167551.1|	1376	1390	13424	4.11	3.18	27.37	0.24	4.11	74.01	4.37	0.78
58	gi|291463273|ref|NP_001167551.1|	1377	1391	13425	3.92	3.23	22.95	0.37	4.11	77.86	3.92	1.92
58	gi|291463273|ref|NP_001167551.1|	1378	1392	13426	3.92	3.26	22.95	0.38	4.11	80.79	3.92	1.98
58	gi|291463273|ref|NP_001167551.1|	1379	1393	13427	4.13	4.13	22.95	0.7	0.12	80.58	1.81	4.44
58	gi|291463273|ref|NP_001167551.1|	1380	1394	13428	4.58	4.68	18.16	1.14	0.51	80.02	1.61	4.58
58	gi|291463273|ref|NP_001167551.1|	1381	1395	13429	4.3	13.64	18.16	0.76	0.48	75.9	4.3	1.05
58	gi|291463273|ref|NP_001167551.1|	1382	1396	13430	4.65	15.29	4.86	0.97	0.95	72.38	4.65	1.05
58	gi|291463273|ref|NP_001167551.1|	1383	1397	13431	4.78	4.78	4.86	1.14	0.88	64.51	6.75	1.69
58	gi|291463273|ref|NP_001167551.1|	1384	1398	13432	2.03	3.85	2.03	1.23	0.96	53.26	4.38	1.87
58	gi|291463273|ref|NP_001167551.1|	1385	1399	13433	1.87	3.36	2.03	1.31	0.04	39.16	0.98	1.87
58	gi|291463273|ref|NP_001167551.1|	1386	1400	13434	3.98	3.14	2.03	3.98	4.47	32.58	12.08	1.87

Table 2

58	gi|291463273|ref|NP_001167551.1|	1387	1401	13435	4.47	3.4	2.03	5.31	4.47	34.44	10.78	1.54
58	gi|291463273|ref|NP_001167551.1|	1388	1402	13436	5.7	5.7	2.03	11.8	4.47	34.46	9.71	1.54
58	gi|291463273|ref|NP_001167551.1|	1389	1403	13437	7.48	6.55	2.03	8.89	23.7	38.98	7.48	1.54
58	gi|291463273|ref|NP_001167551.1|	1390	1404	13438	6.44	7.95	2.03	0.89	24.08	38.21	6.44	1.54
58	gi|291463273|ref|NP_001167551.1|	1391	1405	13439	10.16	13.03	6.99	0.89	26.08	40.05	10.16	1.54
58	gi|291463273|ref|NP_001167551.1|	1392	1406	13440	17.62	13.48	17.62	0.94	36.21	45.26	24.52	1.54
58	gi|291463273|ref|NP_001167551.1|	1417	1431	13441	12.31	9.59	62.25	6.68	38.04	12.31	21.01	5.51
58	gi|291463273|ref|NP_001167551.1|	1418	1432	13442	9.59	9.59	64.73	6.46	36.72	6.73	16.34	3.84
58	gi|291463273|ref|NP_001167551.1|	1419	1433	13443	9.59	9.59	68.41	6.68	36.77	7.51	14.25	4.51
58	gi|291463273|ref|NP_001167551.1|	1420	1434	13444	12.04	9.59	41.26	12.04	36.89	7.63	33.94	6.65
58	gi|291463273|ref|NP_001167551.1|	1421	1435	13445	19.2	9.59	44.93	19.2	34.62	12.73	57.4	9.87
58	gi|291463273|ref|NP_001167551.1|	1435	1449	13446	14.5	2	14.5	25.27	3.09	11.79	40.65	17.8
58	gi|291463273|ref|NP_001167551.1|	1436	1450	13447	13.95	1.85	13.95	24.23	2.88	4.52	42.45	17.8
58	gi|291463273|ref|NP_001167551.1|	1437	1451	13448	13.12	1.73	13.12	17.98	2.83	2.93	35.59	14.13
58	gi|291463273|ref|NP_001167551.1|	1438	1452	13449	14.13	1.7	17.76	15.31	3.12	3	37.37	14.13
58	gi|291463273|ref|NP_001167551.1|	1439	1453	13450	14.13	1.75	21.53	15.07	5.39	4.82	48.75	14.13
58	gi|291463273|ref|NP_001167551.1|	1440	1454	13451	10.53	0.6	24.8	13.4	7.82	9.29	53.5	10.53
58	gi|291463273|ref|NP_001167551.1|	1441	1455	13452	10.53	0.6	24.69	7.44	10.43	21.99	54.32	10.53
58	gi|291463273|ref|NP_001167551.1|	1442	1456	13453	15.72	6.71	26.3	6	15.72	57.61	25.34	5.97
58	gi|291463273|ref|NP_001167551.1|	1443	1457	13454	15.4	6.71	32.77	6	15.4	70.26	25.34	6.06
58	gi|291463273|ref|NP_001167551.1|	1444	1458	13455	17.46	6.71	33.15	6	17.46	74.85	25.34	6.7
58	gi|291463273|ref|NP_001167551.1|	1445	1459	13456	19.45	6.71	33.15	5.12	19.45	71.47	25.34	7.6
58	gi|291463273|ref|NP_001167551.1|	1448	1462	13457	17.29	19.23	17.29	15.19	15.16	64.21	25.34	8.29
58	gi|291463273|ref|NP_001167551.1|	1460	1474	13458	18.07	12.33	8.67	43.06	18.07	45.39	26.51	12.86
58	gi|291463273|ref|NP_001167551.1|	1461	1475	13459	17.36	10.71	10.03	48.22	17.36	36.49	23.38	12.86
58	gi|291463273|ref|NP_001167551.1|	1462	1476	13460	17.1	7.65	12.21	50.02	17.1	34.66	18.3	12.86
58	gi|291463273|ref|NP_001167551.1|	1463	1477	13461	19.74	6.66	15.51	56.42	17.68	36.41	24.65	19.74
58	gi|291463273|ref|NP_001167551.1|	1477	1491	13462	6.07	6.07	22.13	4.57	2.89	13.35	45.06	1.89
58	gi|291463273|ref|NP_001167551.1|	1478	1492	13463	5.54	6.07	17.94	3.47	0.01	5.54	22.14	1.82
58	gi|291463273|ref|NP_001167551.1|	1479	1493	13464	3.6	6.07	17.92	3.11	0.01	3.6	22.14	1.73
58	gi|291463273|ref|NP_001167551.1|	1480	1494	13465	3.18	6.07	20.98	3.11	0.01	3.18	22.14	1.7
58	gi|291463273|ref|NP_001167551.1|	1481	1495	13466	4.22	4.37	21.23	3.11	0.01	4.22	22.14	1.73
58	gi|291463273|ref|NP_001167551.1|	1482	1496	13467	5.02	4.37	24.21	3.11	0.02	8.36	22.14	5.02
58	gi|291463273|ref|NP_001167551.1|	1483	1497	13468	4.44	4.37	4.44	1.62	0.02	34.12	22.14	4.83
58	gi|291463273|ref|NP_001167551.1|	1484	1498	13469	17.86	27.4	4.15	1.54	0.31	82.73	22.14	17.86
58	gi|291463273|ref|NP_001167551.1|	1485	1499	13470	16.4	24.5	4.32	1.62	12.98	91.39	30	16.4
58	gi|291463273|ref|NP_001167551.1|	1486	1500	13471	7.19	5.14	2.87	1.77	11.48	90.43	30	7.19
58	gi|291463273|ref|NP_001167551.1|	1487	1501	13472	7.01	4.98	2.81	2.15	11.48	88.79	30	7.01
58	gi|291463273|ref|NP_001167551.1|	1488	1502	13473	4.81	4.81	1.95	2.4	6.32	84.53	30	1.22
58	gi|291463273|ref|NP_001167551.1|	1489	1503	13474	4.62	4.62	1.95	1.45	6.32	80.65	32.85	1
58	gi|291463273|ref|NP_001167551.1|	1490	1504	13475	6.32	4.88	15.32	1.57	6.32	80.36	35.55	0.99
58	gi|291463273|ref|NP_001167551.1|	1491	1505	13476	14.97	14.97	21.28	2.3	6.32	80.55	45.12	0.95
58	gi|291463273|ref|NP_001167551.1|	1492	1506	13477	11.03	15.08	11.03	2.15	6.32	82.73	27.38	0.94
58	gi|291463273|ref|NP_001167551.1|	1493	1507	13478	11.03	46.28	11.03	2.3	6.32	83.93	27.51	2.3
58	gi|291463273|ref|NP_001167551.1|	1494	1508	13479	6.32	57.17	4.41	4.41	6.32	82.29	25.02	3.3
58	gi|291463273|ref|NP_001167551.1|	1495	1509	13480	8.66	7.76	7.31	4.32	17.07	75.48	20.46	8.66
58	gi|291463273|ref|NP_001167551.1|	1496	1510	13481	4.35	3.06	0.51	4.35	13.66	61.15	29.52	0.96
58	gi|291463273|ref|NP_001167551.1|	1497	1511	13482	2.48	2.48	0.17	0.48	13.6	53.15	21.59	0.78

Table 2

58	gi|291463273|ref|NP_001167551.1|	1498	1512	13483	2.34	2.34	0.15	0.46	13.65	49.77	21.23	0.78
58	gi|291463273|ref|NP_001167551.1|	1499	1513	13484	1.54	1.97	0.15	0.46	18.18	52.17	1.54	0.78
58	gi|291463273|ref|NP_001167551.1|	1500	1514	13485	0.93	2.05	0.14	0.43	20.08	56.73	0.93	0.78
58	gi|291463273|ref|NP_001167551.1|	1501	1515	13486	1.34	2.75	0.19	0.46	20.08	66.16	0.93	1.34
58	gi|291463273|ref|NP_001167551.1|	1502	1516	13487	1.93	3.14	0.63	1.93	20.08	76.69	1.28	1.67
58	gi|291463273|ref|NP_001167551.1|	1503	1517	13488	3.28	3.28	19.29	1.97	28.01	73.01	0.41	2.37
58	gi|291463273|ref|NP_001167551.1|	1504	1518	13489	17.52	3.07	19.29	17.52	28.01	70.44	0.42	3.18
58	gi|291463273|ref|NP_001167551.1|	1505	1519	13490	19.29	3.67	19.29	23.38	28.01	71.89	0.46	8.36
58	gi|291463273|ref|NP_001167551.1|	1521	1535	13491	17.71	7.21	67.77	33.62	14.9	17.71	51.05	11.11
58	gi|291463273|ref|NP_001167551.1|	1531	1545	13492	15.23	3.67	15.23	20.62	11.13	8.85	30.74	21.62
58	gi|291463273|ref|NP_001167551.1|	1532	1546	13493	11.13	3.67	17.47	16.68	11.13	4.04	25.6	6.95
58	gi|291463273|ref|NP_001167551.1|	1533	1547	13494	11.13	3.67	21.82	17.49	11.13	3.56	23.01	6.43
58	gi|291463273|ref|NP_001167551.1|	1534	1548	13495	18.72	3.67	23.11	18.72	22.63	3.13	19.77	4.62
58	gi|291463273|ref|NP_001167551.1|	1535	1549	13496	16.4	3.67	25.93	20.95	31.86	4.93	16.4	5.34
58	gi|291463273|ref|NP_001167551.1|	1536	1550	13497	17.43	3.67	33.49	29.96	42.39	9.81	17.43	8.24
58	gi|291463273|ref|NP_001167551.1|	1549	1563	13498	18.49	33.84	9.42	15.64	18.49	40.77	18.21	19.08
58	gi|291463273|ref|NP_001167551.1|	1550	1564	13499	13.91	59.83	9.42	13.9	6.73	37.68	13.91	16.38
58	gi|291463273|ref|NP_001167551.1|	1551	1565	13500	11.28	58.28	11.72	6.19	6.73	37.33	11.28	8.42
58	gi|291463273|ref|NP_001167551.1|	1552	1566	13501	10.34	67.21	15.15	7.12	6.73	39.23	10.34	8.42
58	gi|291463273|ref|NP_001167551.1|	1553	1567	13502	18.75	69.73	18.75	8.62	6.73	44.14	18.87	8.42
58	gi|291463273|ref|NP_001167551.1|	1554	1568	13503	6.73	46.87	0.31	4.42	6.73	27.05	12.95	3.31
58	gi|291463273|ref|NP_001167551.1|	1555	1569	13504	6.73	46.8	0.45	4.42	6.73	21.23	14.82	3.3
58	gi|291463273|ref|NP_001167551.1|	1556	1570	13505	3.34	1.55	0.43	4.42	3.34	6.7	17.09	0.82
58	gi|291463273|ref|NP_001167551.1|	1557	1571	13506	2.81	1.55	0.61	4.42	3.54	2.81	35.71	0.81
58	gi|291463273|ref|NP_001167551.1|	1558	1572	13507	1.74	1.55	0.81	9.66	3.77	1.74	34.27	0.75
58	gi|291463273|ref|NP_001167551.1|	1559	1573	13508	1.88	1.55	1.12	10.18	3.95	1.88	37.33	0.79
58	gi|291463273|ref|NP_001167551.1|	1560	1574	13509	3.5	1.55	1.59	10.54	6.21	3.5	38.2	0.83
58	gi|291463273|ref|NP_001167551.1|	1561	1575	13510	9.77	1.55	11.78	48.16	9.77	8.29	49.17	2.7
58	gi|291463273|ref|NP_001167551.1|	1562	1576	13511	11.89	1.55	0.45	25.33	11.89	23.68	25.02	1.97
58	gi|291463273|ref|NP_001167551.1|	1564	1578	13512	3.82	20.93	0.16	8.57	0.26	24.92	3.01	3.82
58	gi|291463273|ref|NP_001167551.1|	1565	1579	13513	3.81	20.93	0.16	8.65	0.27	25.28	3.01	3.81
58	gi|291463273|ref|NP_001167551.1|	1566	1580	13514	2.52	14.41	0.15	2.52	0.28	24.92	3.01	1.66
58	gi|291463273|ref|NP_001167551.1|	1567	1581	13515	2.32	4.33	0.48	2.32	1.09	26.82	3.01	2.02
58	gi|291463273|ref|NP_001167551.1|	1568	1582	13516	2.11	4.01	0.43	2.11	1.06	35.99	3.01	1.92
58	gi|291463273|ref|NP_001167551.1|	1569	1583	13517	3.01	3.99	1.68	1.59	3.07	37.87	3.01	2.25
58	gi|291463273|ref|NP_001167551.1|	1570	1584	13518	2.22	2.22	1.62	1.59	0.39	31.77	3.01	2.25
58	gi|291463273|ref|NP_001167551.1|	1571	1585	13519	6.23	2.22	27.02	2.68	27.45	34.75	6.23	5.66
58	gi|291463273|ref|NP_001167551.1|	1572	1586	13520	6.03	2.22	31.65	2.87	27.22	31.31	6.03	2.69
58	gi|291463273|ref|NP_001167551.1|	1573	1587	13521	7.39	2.22	42.11	4.09	26.19	32.25	7.39	3.44
58	gi|291463273|ref|NP_001167551.1|	1575	1589	13522	2.72	1.71	46.7	1.04	3.99	43.62	2.72	2.15
58	gi|291463273|ref|NP_001167551.1|	1576	1590	13523	2.26	2.26	46.7	1.02	3.99	53.34	2.09	2.18
58	gi|291463273|ref|NP_001167551.1|	1577	1591	13524	7.08	7.08	66.26	1.01	10.67	61.9	3.92	3.21
58	gi|291463273|ref|NP_001167551.1|	1578	1592	13525	9.14	9.14	14.01	0.31	9.82	63.26	4.42	2.6
58	gi|291463273|ref|NP_001167551.1|	1579	1593	13526	5.97	9.56	14.01	0.26	5.97	59.63	5.52	3.11
58	gi|291463273|ref|NP_001167551.1|	1580	1594	13527	6.49	18.54	14.01	0.38	5.63	40.72	6.49	5.44
58	gi|291463273|ref|NP_001167551.1|	1581	1595	13528	12.16	18.16	14.01	0.39	4.13	28.18	12.16	4.59
58	gi|291463273|ref|NP_001167551.1|	1582	1596	13529	16.1	28.29	14.01	0.46	16.1	23.88	25.59	4.07
58	gi|291463273|ref|NP_001167551.1|	1583	1597	13530	16.1	30.86	14.01	0.57	16.1	20.51	42.16	7.03

Table 2

58	gi|291463273|ref|NP_001167551.1|	1584	1598	13531	16.1	30.02	14.01	0.57	16.1	19.36	42.71	7.03
58	gi|291463273|ref|NP_001167551.1|	1585	1599	13532	16	15.43	16	9.5	35.59	23.45	54.55	7.03
58	gi|291463273|ref|NP_001167551.1|	1586	1600	13533	13.04	13.04	6.47	13.58	20.29	11.61	57.09	3.4
58	gi|291463273|ref|NP_001167551.1|	1587	1601	13534	13.04	13.04	6.68	13.27	18.26	5.78	57.09	2.63
58	gi|291463273|ref|NP_001167551.1|	1588	1602	13535	10.04	10.04	9.18	13.4	17.79	4.69	56.16	2.57
58	gi|291463273|ref|NP_001167551.1|	1589	1603	13536	9.04	6.72	9.04	12.15	15.62	3.66	38.14	2.9
58	gi|291463273|ref|NP_001167551.1|	1590	1604	13537	10.63	10.63	10.48	11.93	18.25	4.11	37.97	5.53
58	gi|291463273|ref|NP_001167551.1|	1591	1605	13538	13.44	15.97	13.44	8.91	23.04	7.09	34.08	9.91
58	gi|291463273|ref|NP_001167551.1|	1592	1606	13539	17.38	6.18	14.66	5.76	26.65	19.18	35.1	17.38
58	gi|291463273|ref|NP_001167551.1|	1593	1607	13540	19.01	31.93	14.66	5.93	29.26	38.97	15.61	19.01
58	gi|291463273|ref|NP_001167551.1|	1594	1608	13541	18.02	28.96	14.66	5.93	33.77	51.26	8.52	18.02
58	gi|291463273|ref|NP_001167551.1|	1595	1609	13542	5.17	5.17	0.66	3.63	10.79	32.09	8.52	1.05
58	gi|291463273|ref|NP_001167551.1|	1596	1610	13543	5.17	5.17	1.06	2.62	11.28	23.97	8.52	1.05
58	gi|291463273|ref|NP_001167551.1|	1597	1611	13544	3.33	4.72	1.2	2.77	10.53	21.25	3.33	0.78
58	gi|291463273|ref|NP_001167551.1|	1598	1612	13545	2.83	2.66	2.24	2.83	10.76	18.15	3.32	0.78
58	gi|291463273|ref|NP_001167551.1|	1599	1613	13546	3.23	2.66	1.5	3.23	13.88	17.42	4.95	0.62
58	gi|291463273|ref|NP_001167551.1|	1600	1614	13547	4.48	3.28	2.05	4.48	17.3	21.34	7.82	1.11
58	gi|291463273|ref|NP_001167551.1|	1601	1615	13548	7.18	3.07	2.46	7.18	22.92	26.21	9.18	1.08
58	gi|291463273|ref|NP_001167551.1|	1602	1616	13549	13.63	4.31	8.27	13.63	37.57	29.13	13.99	1.67
58	gi|291463273|ref|NP_001167551.1|	1603	1617	13550	5.68	4.31	5.68	19.35	4.07	10.17	7.15	1.2
58	gi|291463273|ref|NP_001167551.1|	1604	1618	13551	8.31	12.08	6.98	25.42	4.05	8.31	16.63	2.26
58	gi|291463273|ref|NP_001167551.1|	1605	1619	13552	8.98	8.98	8.76	26.75	4.37	9.15	13.2	2.32
58	gi|291463273|ref|NP_001167551.1|	1606	1620	13553	9.69	8.98	14.08	26.64	4.54	9.69	10.08	4.27
58	gi|291463273|ref|NP_001167551.1|	1607	1621	13554	12.73	8.98	17.95	26.74	6.93	12.73	24.18	4.97
58	gi|291463273|ref|NP_001167551.1|	1608	1622	13555	6.18	6.18	2.84	4.53	9.67	21.45	8.6	3.71
58	gi|291463273|ref|NP_001167551.1|	1609	1623	13556	3.45	6.18	3.45	3.23	9.67	45.85	3.26	3.26
58	gi|291463273|ref|NP_001167551.1|	1610	1624	13557	7.29	23.29	7.29	3.28	9.67	69.14	3.26	3.78
58	gi|291463273|ref|NP_001167551.1|	1611	1625	13558	9.67	9.79	9.83	2.44	9.67	63.95	3.26	3.68
58	gi|291463273|ref|NP_001167551.1|	1612	1626	13559	9.56	9.56	12.85	2.44	9.67	61.37	3.26	3.77
58	gi|291463273|ref|NP_001167551.1|	1613	1627	13560	9.6	9.6	17.36	4.01	9.67	49.5	3.26	4.02
58	gi|291463273|ref|NP_001167551.1|	1614	1628	13561	9.54	9.54	19.45	4.48	9.67	45.48	5.39	4.09
58	gi|291463273|ref|NP_001167551.1|	1615	1629	13562	12.36	12.36	35.16	7.45	16.28	38.08	6.7	4.46
58	gi|291463273|ref|NP_001167551.1|	1616	1630	13563	16.28	9.7	39.28	4.8	16.28	36.26	23.76	5.42
58	gi|291463273|ref|NP_001167551.1|	1617	1631	13564	14.68	9.67	38.76	5.08	16.28	39.74	14.68	5.42
58	gi|291463273|ref|NP_001167551.1|	1618	1632	13565	16.28	10.67	32.35	6.46	16.28	37.56	19.18	7.81
58	gi|291463273|ref|NP_001167551.1|	1619	1633	13566	9.72	5.68	25.55	6.18	0.91	18.33	14.69	9.72
58	gi|291463273|ref|NP_001167551.1|	1620	1634	13567	8.14	5.68	26.84	6.89	0.82	15.22	16.42	8.14
58	gi|291463273|ref|NP_001167551.1|	1621	1635	13568	10.45	5.68	28.48	6.95	0.78	10.45	17.33	15.91
58	gi|291463273|ref|NP_001167551.1|	1622	1636	13569	8.41	5.68	29.92	7.14	0.78	8.41	26.92	15.91
58	gi|291463273|ref|NP_001167551.1|	1623	1637	13570	15.91	5.68	34.06	18.73	1.31	10.69	38.46	15.91
58	gi|291463273|ref|NP_001167551.1|	1624	1638	13571	17.04	10.69	41.41	30.27	2.23	17.04	61.79	15.91
58	gi|291463273|ref|NP_001167551.1|	1629	1643	13572	14.65	13.04	14.65	5.56	30.27	48.35	58.68	2.68
58	gi|291463273|ref|NP_001167551.1|	1630	1644	13573	17.85	13.04	17.85	5.39	33.68	48.93	25.62	2.68
58	gi|291463273|ref|NP_001167551.1|	1631	1645	13574	17.58	13.04	17.58	8.01	34.42	51.51	25.62	2.68
58	gi|291463273|ref|NP_001167551.1|	1632	1646	13575	14.23	6.62	14.23	8.01	31.14	50.01	25.62	2.68
58	gi|291463273|ref|NP_001167551.1|	1633	1647	13576	9.25	6.62	9.25	4.75	38.79	47.88	25.62	2.68
58	gi|291463273|ref|NP_001167551.1|	1634	1648	13577	13.15	6.62	13.15	10.6	42.82	49.64	25.62	3.7
58	gi|291463273|ref|NP_001167551.1|	1635	1649	13578	17.6	6.62	17.6	11.87	42.44	56.19	25.62	3.67

Table 2

58	gi|291463273|ref|NP_001167551.1|	1651	1665	13579	8.88	3.67	12.8	8.88	16.29	8.22	23.41	3.21
58	gi|291463273|ref|NP_001167551.1|	1652	1666	13580	8.08	3.67	17.3	8.08	15.29	4.84	15.86	2.92
58	gi|291463273|ref|NP_001167551.1|	1653	1667	13581	3.96	3.67	20.71	2.88	14.32	3.96	5.94	2.92
58	gi|291463273|ref|NP_001167551.1|	1654	1668	13582	4.09	3.67	25.13	2.88	13.73	4.09	6.4	2.92
58	gi|291463273|ref|NP_001167551.1|	1655	1669	13583	3.44	3.67	3.44	2.15	15.96	2.06	5.83	1.05
58	gi|291463273|ref|NP_001167551.1|	1656	1670	13584	0.75	3.67	0.18	0.06	17.7	0.37	4.47	0.75
58	gi|291463273|ref|NP_001167551.1|	1657	1671	13585	0.57	3.67	0.16	0.06	19.65	0.08	3.71	0.57
58	gi|291463273|ref|NP_001167551.1|	1658	1672	13586	0.39	3.26	0.16	0.05	21.05	0.07	4.46	0.39
58	gi|291463273|ref|NP_001167551.1|	1659	1673	13587	0.51	2.21	0.14	0.06	13.07	0.04	4.52	0.51
58	gi|291463273|ref|NP_001167551.1|	1660	1674	13588	0.72	2.84	0.15	0.06	11.38	0.01	5.43	0.72
58	gi|291463273|ref|NP_001167551.1|	1661	1675	13589	0.86	3.19	0.31	0.17	11.28	0.02	3.06	0.86
58	gi|291463273|ref|NP_001167551.1|	1662	1676	13590	0.86	4.29	0.42	0.38	11.42	0.06	1.65	0.86
58	gi|291463273|ref|NP_001167551.1|	1663	1677	13591	4.01	4.37	4.01	16.42	17.63	0.08	2.51	0.91
58	gi|291463273|ref|NP_001167551.1|	1664	1678	13592	4.14	4.37	4.14	10.42	28.15	0.69	1.54	1.88
58	gi|291463273|ref|NP_001167551.1|	1665	1679	13593	5.24	5.24	8.98	2.37	39.03	5.36	0.94	1.62
58	gi|291463273|ref|NP_001167551.1|	1666	1680	13594	6.18	5.24	17.01	2.06	13.91	11.23	0.74	6.18
58	gi|291463273|ref|NP_001167551.1|	1667	1681	13595	5.24	5.24	16.98	1.21	13.91	8.1	0.66	4.69
58	gi|291463273|ref|NP_001167551.1|	1668	1682	13596	2.1	1.99	7.26	0.97	13.91	2.1	0.62	4.69
58	gi|291463273|ref|NP_001167551.1|	1669	1683	13597	3.58	3.58	5.37	0.94	13.91	0.67	2.04	4.69
58	gi|291463273|ref|NP_001167551.1|	1670	1684	13598	3.11	2.95	4.16	1.34	13.91	0.43	3.11	4.69
58	gi|291463273|ref|NP_001167551.1|	1671	1685	13599	4.59	3.95	4.59	2.08	13.91	0.44	6.96	4.69
58	gi|291463273|ref|NP_001167551.1|	1672	1686	13600	6.57	4.46	6.57	6.12	13.91	0.86	16.72	8.31
58	gi|291463273|ref|NP_001167551.1|	1673	1687	13601	9.06	7.82	9.06	5.79	39.56	3.51	22.14	13.77
58	gi|291463273|ref|NP_001167551.1|	1674	1688	13602	9.28	8.64	9.28	1.04	32.97	23.66	13.9	5.05
58	gi|291463273|ref|NP_001167551.1|	1676	1690	13603	19.29	26.99	19.29	0.94	24.55	65.68	1.76	5.05
58	gi|291463273|ref|NP_001167551.1|	1677	1691	13604	5.05	4.37	5.77	0.9	7.26	46.13	0.7	5.05
58	gi|291463273|ref|NP_001167551.1|	1678	1692	13605	5.05	4.37	7.17	1.15	6.94	30.71	0.73	5.05
58	gi|291463273|ref|NP_001167551.1|	1679	1693	13606	2.2	4.37	2.2	1.2	6.6	16.04	1.51	2.16
58	gi|291463273|ref|NP_001167551.1|	1680	1694	13607	2.02	4.37	2.01	1.29	6.18	7.86	1.42	2.02
58	gi|291463273|ref|NP_001167551.1|	1681	1695	13608	3.31	3.31	2.73	2.58	7.69	4.56	3.67	1.87
58	gi|291463273|ref|NP_001167551.1|	1682	1696	13609	1.87	3.31	0.85	1.01	9.9	1.81	5.38	1.87
58	gi|291463273|ref|NP_001167551.1|	1683	1697	13610	1.87	3.31	0.87	1.04	11.91	0.93	14.52	1.87
58	gi|291463273|ref|NP_001167551.1|	1684	1698	13611	2.03	3.31	1.68	2.03	27.81	1.22	16.85	1.87
58	gi|291463273|ref|NP_001167551.1|	1685	1699	13612	1.87	3.31	0.9	1.83	15.61	1.62	18.55	1.87
58	gi|291463273|ref|NP_001167551.1|	1686	1700	13613	3.31	3.31	1.12	2.52	15.52	2.6	19.35	3.46
58	gi|291463273|ref|NP_001167551.1|	1687	1701	13614	5.98	3.31	1.54	5.98	16.5	7.09	29.02	4.86
58	gi|291463273|ref|NP_001167551.1|	1688	1702	13615	14.24	14.24	2.41	6.46	18.38	15.65	21.2	5.05
58	gi|291463273|ref|NP_001167551.1|	1691	1705	13616	14.01	2.71	14.01	5.84	37.07	48.67	22.29	2.44
58	gi|291463273|ref|NP_001167551.1|	1692	1706	13617	14.01	2.71	14.01	5.98	15.31	60.89	20.04	2.44
58	gi|291463273|ref|NP_001167551.1|	1693	1707	13618	3.38	1.14	31.19	3.38	7.23	63.81	0.49	1.53
58	gi|291463273|ref|NP_001167551.1|	1694	1708	13619	2.58	1.14	31.19	2.58	7.23	63.9	0.49	1.53
58	gi|291463273|ref|NP_001167551.1|	1695	1709	13620	2.87	1.14	31.19	2.87	7.23	68.98	0.56	2.16
58	gi|291463273|ref|NP_001167551.1|	1696	1710	13621	2.81	2.68	3.16	2.81	1.37	79.48	1.24	4.19
58	gi|291463273|ref|NP_001167551.1|	1697	1711	13622	2.65	2.65	3.03	1.97	1.48	89.54	1.56	5.27
58	gi|291463273|ref|NP_001167551.1|	1698	1712	13623	5.12	9.44	5.12	1.2	3.13	91.22	2.83	7.22
58	gi|291463273|ref|NP_001167551.1|	1699	1713	13624	4.75	18.7	4.75	1.15	0.86	88.52	2.22	8.37
58	gi|291463273|ref|NP_001167551.1|	1700	1714	13625	2.99	2.99	4.51	1.27	0.61	43.2	3.3	1.05
58	gi|291463273|ref|NP_001167551.1|	1701	1715	13626	2.37	2.99	2.37	1.2	0.57	23.36	4.38	1.05

Table 2

58	gi|291463273|ref|NP_001167551.1|	1702	1716	13627	2.37	2.99	2.37	1.5	0.13	16.25	4.73	1.05
58	gi|291463273|ref|NP_001167551.1|	1703	1717	13628	3.47	2.99	5.84	2.92	7.04	16.76	3.47	1.05
58	gi|291463273|ref|NP_001167551.1|	1704	1718	13629	3.35	2.99	8.2	3.35	7.04	17.74	0.83	1.05
58	gi|291463273|ref|NP_001167551.1|	1705	1719	13630	7.04	9.29	11.49	3.82	7.04	20.81	0.83	2.03
58	gi|291463273|ref|NP_001167551.1|	1706	1720	13631	9.97	9.97	15.06	3.75	11.09	33.35	1.18	2.27
58	gi|291463273|ref|NP_001167551.1|	1707	1721	13632	7.8	36.62	7.8	2.28	11.09	52.35	1.32	7.43
58	gi|291463273|ref|NP_001167551.1|	1708	1722	13633	11.09	41.08	12.55	4.32	11.09	61.9	3.89	7.94
58	gi|291463273|ref|NP_001167551.1|	1709	1723	13634	12.93	17.6	12.93	5.07	11.09	61.78	9.59	13.89
58	gi|291463273|ref|NP_001167551.1|	1710	1724	13635	13.98	18.44	17.07	5.16	11.09	63.41	9.98	13.98
58	gi|291463273|ref|NP_001167551.1|	1713	1727	13636	18.38	8.84	33.5	17.5	14.66	81.73	18.38	45.91
58	gi|291463273|ref|NP_001167551.1|	1727	1741	13637	17.04	10.22	7.29	48.85	4.21	79.39	72.21	17.04
58	gi|291463273|ref|NP_001167551.1|	1728	1742	13638	10.22	10.22	7.69	45.54	3.78	58.32	72.21	7.07
58	gi|291463273|ref|NP_001167551.1|	1729	1743	13639	10.22	10.22	7.4	20.29	3.42	46.94	25.97	6.61
58	gi|291463273|ref|NP_001167551.1|	1730	1744	13640	10.22	10.22	6.93	19.5	2.9	34.99	27.4	6.42
58	gi|291463273|ref|NP_001167551.1|	1731	1745	13641	10.22	10.22	8.01	18.77	4.96	31.02	27.94	6.3
58	gi|291463273|ref|NP_001167551.1|	1732	1746	13642	10.22	10.22	9.42	18.43	7.74	30.85	49.62	7.34
58	gi|291463273|ref|NP_001167551.1|	1733	1747	13643	13.9	10.22	11.57	18.65	12	37.88	52.22	13.9
58	gi|291463273|ref|NP_001167551.1|	1735	1749	13644	12.69	13.04	12.69	10.72	10.07	40.6	16.1	9.44
58	gi|291463273|ref|NP_001167551.1|	1736	1750	13645	10.07	13.04	5.05	4.88	10.07	33.35	16.39	9.44
58	gi|291463273|ref|NP_001167551.1|	1737	1751	13646	10.38	13.04	4.9	4.39	10.38	27.82	12.85	6.59
58	gi|291463273|ref|NP_001167551.1|	1738	1752	13647	9.98	13.04	3.81	4.02	10.25	24.42	9.98	3.43
58	gi|291463273|ref|NP_001167551.1|	1739	1753	13648	8.84	12.33	5.53	4.02	13.53	19.98	8.84	0.7
58	gi|291463273|ref|NP_001167551.1|	1740	1754	13649	6.27	12.33	7.32	4.3	6.27	22.35	3.76	0.7
58	gi|291463273|ref|NP_001167551.1|	1741	1755	13650	7.73	12.33	9.54	7.73	6.27	31.82	3.49	0.7
58	gi|291463273|ref|NP_001167551.1|	1742	1756	13651	6.27	3.93	14.66	6.5	6.27	35.24	2.29	0.7
58	gi|291463273|ref|NP_001167551.1|	1743	1757	13652	3.93	3.93	14.66	1	6.27	41.34	3.1	0.7
58	gi|291463273|ref|NP_001167551.1|	1744	1758	13653	3.93	3.93	14.66	1	6.27	47.57	3.4	1.13
58	gi|291463273|ref|NP_001167551.1|	1745	1759	13654	6.08	6.08	25.57	1	21.2	32.09	4.37	1.2
58	gi|291463273|ref|NP_001167551.1|	1746	1760	13655	5.57	5.57	9.21	1	4.92	12.93	5.19	10.53
58	gi|291463273|ref|NP_001167551.1|	1747	1761	13656	8.87	8.87	9.21	1	4.48	7.25	32.74	9.94
58	gi|291463273|ref|NP_001167551.1|	1748	1762	13657	8.11	9.39	9.21	2.22	4.1	6.59	30.74	8.11
58	gi|291463273|ref|NP_001167551.1|	1749	1763	13658	7.12	11.43	9.21	3.53	3.54	7.12	59.47	6.04
58	gi|291463273|ref|NP_001167551.1|	1750	1764	13659	11.1	18.08	9.27	45.58	5.32	11.1	65.67	8.95
58	gi|291463273|ref|NP_001167551.1|	1784	1798	13660	4.07	37.73	0.51	1.33	4.07	81.02	49.63	1.44
58	gi|291463273|ref|NP_001167551.1|	1785	1799	13661	4.07	41.11	0.41	1.04	4.07	78.6	33.89	1.26
58	gi|291463273|ref|NP_001167551.1|	1786	1800	13662	4.07	18.86	0.41	1.08	4.07	77.93	26.24	1.31
58	gi|291463273|ref|NP_001167551.1|	1787	1801	13663	4.07	14.42	0.41	1.14	4.07	76.42	23.47	1.1
58	gi|291463273|ref|NP_001167551.1|	1788	1802	13664	4.07	13.9	0.41	1.18	4.07	72.67	23.47	1.1
58	gi|291463273|ref|NP_001167551.1|	1789	1803	13665	4.07	14.37	1.1	3.87	4.07	70.99	23.47	2.53
58	gi|291463273|ref|NP_001167551.1|	1790	1804	13666	4.07	10.91	0.27	0.37	4.07	62.63	23.47	0.62
58	gi|291463273|ref|NP_001167551.1|	1791	1805	13667	9.77	9.77	7.6	0.38	17.21	56.25	23.47	0.62
58	gi|291463273|ref|NP_001167551.1|	1792	1806	13668	7.6	4.77	7.6	0.37	11.83	54.21	23.47	0.62
58	gi|291463273|ref|NP_001167551.1|	1793	1807	13669	9.37	4.77	9.37	0.32	11.78	52.66	23.47	0.62
58	gi|291463273|ref|NP_001167551.1|	1794	1808	13670	10.12	4.77	10.12	0.32	12.92	54.49	28.22	0.62
58	gi|291463273|ref|NP_001167551.1|	1795	1809	13671	4.77	4.77	12.11	1.01	0.69	59.41	26.13	0.62
58	gi|291463273|ref|NP_001167551.1|	1796	1810	13672	4.77	4.77	16.5	0.85	0.8	66.87	17.86	0.62
58	gi|291463273|ref|NP_001167551.1|	1797	1811	13673	9.2	6.58	23.99	1.93	0.56	68.17	17.86	9.2
58	gi|291463273|ref|NP_001167551.1|	1798	1812	13674	9.54	2.83	14.99	2.33	0.5	67.13	17.86	9.54

Table 2

58	gi|291463273|ref|NP_001167551.1|	1799	1813	13675	3.33	2.55	14.99	0.89	0.5	67.34	17.86	3.33
58	gi|291463273|ref|NP_001167551.1|	1800	1814	13676	3.53	2.54	14.99	1.2	0.47	68.87	17.86	3.53
58	gi|291463273|ref|NP_001167551.1|	1801	1815	13677	3.83	2.44	14.99	1.52	0.47	69.43	17.86	3.83
58	gi|291463273|ref|NP_001167551.1|	1802	1816	13678	8.48	5.06	13.96	1.52	8.48	61.28	17.86	3.67
58	gi|291463273|ref|NP_001167551.1|	1803	1817	13679	8.09	5.27	14.99	1.91	8.09	61.34	23.04	6.18
58	gi|291463273|ref|NP_001167551.1|	1804	1818	13680	11.15	11.15	14.99	6.11	0.26	54.65	21.83	9.16
58	gi|291463273|ref|NP_001167551.1|	1805	1819	13681	9.03	2.44	17.64	6.2	0.01	32.46	21.83	9.03
58	gi|291463273|ref|NP_001167551.1|	1806	1820	13682	17.58	1.8	23.51	17.58	0.01	27.65	21.83	15.88
58	gi|291463273|ref|NP_001167551.1|	1813	1827	13683	14.09	1.38	17.06	14.09	13.17	8.71	53.28	14.13
58	gi|291463273|ref|NP_001167551.1|	1814	1828	13684	14.13	1.3	17.06	14.38	12.23	5.6	55.01	14.13
58	gi|291463273|ref|NP_001167551.1|	1815	1829	13685	14.13	0.75	17.06	14.48	11.95	4.18	63.29	14.13
58	gi|291463273|ref|NP_001167551.1|	1816	1830	13686	14.13	0.51	17.06	11.76	15.13	4.54	64.15	14.13
58	gi|291463273|ref|NP_001167551.1|	1817	1831	13687	17.06	1.1	17.06	10.26	25.53	8.03	51.35	20.4
58	gi|291463273|ref|NP_001167551.1|	1818	1832	13688	17.06	2.28	17.06	15.14	41.28	14.51	51.35	23.85
58	gi|291463273|ref|NP_001167551.1|	1844	1858	13689	19.72	17.27	45.76	17.14	11.65	43.32	19.72	32.04
58	gi|291463273|ref|NP_001167551.1|	1845	1859	13690	17.27	17.27	58.87	19.1	12.81	28.35	15.59	2.02
58	gi|291463273|ref|NP_001167551.1|	1846	1860	13691	12.9	17.27	53.72	5.52	12.9	21.26	11	2.01
58	gi|291463273|ref|NP_001167551.1|	1847	1861	13692	12.5	16.64	52.41	4.82	12.5	16.72	8.86	1.92
58	gi|291463273|ref|NP_001167551.1|	1848	1862	13693	7.26	5.69	56.66	5.79	19.35	11.06	7.26	1.87
58	gi|291463273|ref|NP_001167551.1|	1849	1863	13694	8.58	5.24	44.81	8.58	26.31	8.95	2.52	2
58	gi|291463273|ref|NP_001167551.1|	1850	1864	13695	9.5	7.09	50.06	11.1	30.92	9.5	2.47	4.45
58	gi|291463273|ref|NP_001167551.1|	1851	1865	13696	5.35	5.24	7.42	1.11	30.92	6.12	3.35	5.35
58	gi|291463273|ref|NP_001167551.1|	1852	1866	13697	4.09	5.94	10.8	0.78	55.78	4.09	2.44	3.99
58	gi|291463273|ref|NP_001167551.1|	1853	1867	13698	3.72	4.85	4.3	0.69	54.29	1.62	2.53	3.72
58	gi|291463273|ref|NP_001167551.1|	1854	1868	13699	4.15	5.42	6.45	0.72	57.24	1.56	2.14	4.15
58	gi|291463273|ref|NP_001167551.1|	1855	1869	13700	3.6	5.53	8.12	0.73	57.24	1.81	2.33	3.6
58	gi|291463273|ref|NP_001167551.1|	1856	1870	13701	9.07	9.07	10.75	1.11	57.24	3.35	21.36	3.64
58	gi|291463273|ref|NP_001167551.1|	1857	1871	13702	11.37	11.37	14.37	1.11	57.24	7.76	43.25	7.11
58	gi|291463273|ref|NP_001167551.1|	1868	1882	13703	16.44	15.36	16.44	34.6	55.66	15.81	37.54	10.99
58	gi|291463273|ref|NP_001167551.1|	1869	1883	13704	13.71	10.25	13.71	17.79	45.81	9.29	17.82	9.7
58	gi|291463273|ref|NP_001167551.1|	1870	1884	13705	14.05	8.66	14.05	18.1	41.3	10.69	14.47	11.92
58	gi|291463273|ref|NP_001167551.1|	1871	1885	13706	6.89	3.26	7.19	8.24	43.97	6.89	2.66	2.5
58	gi|291463273|ref|NP_001167551.1|	1872	1886	13707	6.86	3.26	7.19	8.57	46.46	6.86	1.49	2.84
58	gi|291463273|ref|NP_001167551.1|	1873	1887	13708	6.87	3.38	13.07	9.06	45.21	6.87	1.19	2.75
58	gi|291463273|ref|NP_001167551.1|	1874	1888	13709	5.44	5.94	26.33	5.44	12.57	4.37	0.94	3.22
58	gi|291463273|ref|NP_001167551.1|	1875	1889	13710	3.1	0.04	34.49	5.61	1.1	3.1	0.95	3.31
58	gi|291463273|ref|NP_001167551.1|	1876	1890	13711	2.93	0.04	38.78	9.46	0.84	2.93	1.91	9.05
58	gi|291463273|ref|NP_001167551.1|	1877	1891	13712	3.91	0.04	38.78	9.6	0.76	3.36	3.91	9.28
58	gi|291463273|ref|NP_001167551.1|	1878	1892	13713	5.91	0.04	47.45	12.45	0.73	4.39	5.91	27.93
58	gi|291463273|ref|NP_001167551.1|	1879	1893	13714	17.96	0.04	70.96	21.86	1.36	7.44	17.96	28.54
58	gi|291463273|ref|NP_001167551.1|	1887	1901	13715	14.08	3.67	14.08	11.69	7.43	18.72	45.81	21.62
58	gi|291463273|ref|NP_001167551.1|	1888	1902	13716	13.5	10.28	13.5	10.83	34.32	5.25	34.71	21.62
58	gi|291463273|ref|NP_001167551.1|	1889	1903	13717	7.95	5.17	0.25	8.14	9.99	2.1	26.48	7.95
58	gi|291463273|ref|NP_001167551.1|	1890	1904	13718	7.88	5.06	0.43	7.88	10.54	1.3	21.93	7.95
58	gi|291463273|ref|NP_001167551.1|	1891	1905	13719	7.95	4.98	0.73	12.59	9.84	1.18	24.51	7.95
58	gi|291463273|ref|NP_001167551.1|	1892	1906	13720	7.27	6.65	1.2	14.35	9.84	2.29	29.2	7.27
58	gi|291463273|ref|NP_001167551.1|	1893	1907	13721	8.18	4.29	1.8	11.64	9.84	8.18	14.72	7.95
58	gi|291463273|ref|NP_001167551.1|	1894	1908	13722	9.84	7.12	2.63	12.39	9.84	26.03	15.91	7.95

Table 2

58	gi|291463273|ref|NP_001167551.1|	1895	1909	13723	9.84	7.12	2.63	11.56	9.84	37.74	10.55	7.95
58	gi|291463273|ref|NP_001167551.1|	1896	1910	13724	11.69	7.12	22.11	11.69	12.47	31.56	5.84	6.6
58	gi|291463273|ref|NP_001167551.1|	1897	1911	13725	9.84	7.12	11.16	10.81	9.84	12.4	4.27	5.42
58	gi|291463273|ref|NP_001167551.1|	1898	1912	13726	7.12	7.12	11.85	14.61	16.85	5.98	2.92	5.42
58	gi|291463273|ref|NP_001167551.1|	1899	1913	13727	7.12	7.12	14.22	19.35	16.85	4.39	3.66	5.42
58	gi|291463273|ref|NP_001167551.1|	1900	1914	13728	8.84	8.84	19.05	24.57	16.85	5.47	5.41	5.42
58	gi|291463273|ref|NP_001167551.1|	1901	1915	13729	14.41	14.41	33.49	28.46	16.85	8.36	12.79	5.42
58	gi|291463273|ref|NP_001167551.1|	1902	1916	13730	16.85	14.41	39.4	34.45	16.85	15.14	17.82	6.76
58	gi|291463273|ref|NP_001167551.1|	1903	1917	13731	15.14	10.25	43.51	29.61	15.14	38.01	14.77	5.42
58	gi|291463273|ref|NP_001167551.1|	1904	1918	13732	20	10.25	43.51	29.97	15.14	56.74	20	11.65
58	gi|291463273|ref|NP_001167551.1|	1923	1937	13733	11.14	13.37	31.19	8.01	11.14	31.35	9.28	5.29
58	gi|291463273|ref|NP_001167551.1|	1924	1938	13734	12.18	15	31.19	4.81	12.18	20.92	9.28	6.38
58	gi|291463273|ref|NP_001167551.1|	1925	1939	13735	12.18	14.8	31.19	4.66	12.18	16.24	9.28	5.97
58	gi|291463273|ref|NP_001167551.1|	1926	1940	13736	12.18	5	63.62	3.75	12.18	14.66	14.97	6.63
58	gi|291463273|ref|NP_001167551.1|	1927	1941	13737	11.25	4.78	60.92	3.75	12.18	16.04	11.25	6.78
58	gi|291463273|ref|NP_001167551.1|	1928	1942	13738	15.74	4.7	69.61	7.53	44.08	23.52	15.74	13.93
58	gi|291463273|ref|NP_001167551.1|	1929	1943	13739	13.33	4.4	40.48	8.08	41.43	28	13.33	13.21
58	gi|291463273|ref|NP_001167551.1|	1939	1953	13740	9.97	7.64	5.32	7.32	45.95	31.48	35.27	9.97
58	gi|291463273|ref|NP_001167551.1|	1940	1954	13741	12.46	7.64	5.97	12.46	45.95	39.74	34.97	9.97
58	gi|291463273|ref|NP_001167551.1|	1941	1955	13742	12.46	7.64	5.82	12.46	45.95	50.07	36.86	9.97
58	gi|291463273|ref|NP_001167551.1|	1949	1963	13743	18.7	18.7	12.27	12.23	29.29	37.25	35.89	6.6
58	gi|291463273|ref|NP_001167551.1|	1950	1964	13744	12.23	23.54	5.95	12.23	6.62	26.27	26.58	6.6
58	gi|291463273|ref|NP_001167551.1|	1951	1965	13745	11.69	21.14	6.21	11.69	6.62	20.9	20.08	6.6
58	gi|291463273|ref|NP_001167551.1|	1952	1966	13746	9.58	15.37	9.58	9.9	6.62	21.84	9.05	6.6
58	gi|291463273|ref|NP_001167551.1|	1953	1967	13747	9.51	14.71	12.36	9.51	6.62	22.03	9.05	4.01
58	gi|291463273|ref|NP_001167551.1|	1954	1968	13748	9.05	17.24	16.44	7.7	6.62	28.3	9.05	7.61
58	gi|291463273|ref|NP_001167551.1|	1955	1969	13749	9.05	16.85	20.86	7.88	6.62	34.39	9.05	5.1
58	gi|291463273|ref|NP_001167551.1|	1956	1970	13750	9.05	17.51	32.65	5.5	3.58	34.12	9.05	5.42
58	gi|291463273|ref|NP_001167551.1|	1957	1971	13751	9.05	12.33	47.29	8.75	2.31	24.39	9.05	5.39
58	gi|291463273|ref|NP_001167551.1|	1958	1972	13752	9.05	12.33	53.94	6.61	3.41	21.26	9.05	4.86
58	gi|291463273|ref|NP_001167551.1|	1959	1973	13753	12.33	12.33	60.42	4.18	3.49	17.48	19.35	4.93
58	gi|291463273|ref|NP_001167551.1|	1960	1974	13754	13.66	13.66	60.42	3.14	3.92	16.06	17.31	5.37
58	gi|291463273|ref|NP_001167551.1|	1961	1975	13755	8.34	8.34	42.98	3.14	4.2	8.65	20.05	0.49
58	gi|291463273|ref|NP_001167551.1|	1962	1976	13756	1.08	8.34	1.08	3.59	0.02	0.37	19.99	0.26
58	gi|291463273|ref|NP_001167551.1|	1963	1977	13757	5.33	8.34	0.96	5.33	7.12	0.07	24.57	0.2
58	gi|291463273|ref|NP_001167551.1|	1964	1978	13758	6.66	8.34	0.81	9.24	6.66	0.04	26.57	0.18
58	gi|291463273|ref|NP_001167551.1|	1965	1979	13759	6.02	8.34	0.63	11.17	6.02	0.04	26.57	0.23
58	gi|291463273|ref|NP_001167551.1|	1966	1980	13760	8.34	8.34	0.88	12.96	10.58	0.07	26.57	0.45
58	gi|291463273|ref|NP_001167551.1|	1967	1981	13761	8.34	8.34	1.1	26.72	19.94	0.17	9.31	0.7
58	gi|291463273|ref|NP_001167551.1|	1968	1982	13762	8.86	13.62	1.73	28.03	36.72	6.66	8.86	0.7
58	gi|291463273|ref|NP_001167551.1|	1985	1999	13763	12.68	9.46	74.61	26.6	12.68	24.41	0.79	3.73
58	gi|291463273|ref|NP_001167551.1|	1986	2000	13764	12.68	9.45	76.43	26.85	12.68	22.74	1.14	3.7
58	gi|291463273|ref|NP_001167551.1|	1987	2001	13765	12.68	9.57	80.17	33.3	12.68	25.2	7.29	3.89
58	gi|291463273|ref|NP_001167551.1|	2027	2041	13766	16.43	6.91	13.75	16.43	59.09	54.33	30.64	5.58
58	gi|291463273|ref|NP_001167551.1|	2118	2132	13767	16.31	5.08	14.88	16.31	63.11	36.34	62.36	11.32
58	gi|291463273|ref|NP_001167551.1|	2120	2134	13768	18.15	16.04	20.07	16.41	63.11	18.15	55.81	14.34
58	gi|291463273|ref|NP_001167551.1|	2121	2135	13769	16.1	16.1	20.07	13.18	63.11	14.21	50.8	14.34
58	gi|291463273|ref|NP_001167551.1|	2122	2136	13770	17.28	16.18	20.07	13.71	75.22	17.28	53.81	14.34

Table 2

58	gi|291463273|ref|NP_001167551.1|	2124	2138	13771	13.99	4.34	13.99	13.39	75.22	38.1	59.68	6.6
59	gi|3192954|gb|AAC39765.1|	84	98	13772	15.39	8.44	14.67	5.88	63.37	55.15	15.39	22.82
59	gi|3192954|gb|AAC39765.1|	85	99	13773	12.87	7.72	12.87	4.79	43.52	36.87	11.65	14.99
59	gi|3192954|gb|AAC39765.1|	86	100	13774	15.07	7.72	16.6	4.88	40.78	34.19	8.87	15.07
59	gi|3192954|gb|AAC39765.1|	87	101	13775	15.03	7.72	20.56	4.98	39.16	33.58	8.15	15.03
59	gi|3192954|gb|AAC39765.1|	88	102	13776	17.18	7.72	24.66	6.4	43.87	39.55	15.05	17.18
59	gi|3192954|gb|AAC39765.1|	180	194	13777	10.33	10.33	4.98	3.11	29.33	19.29	30.12	2.24
59	gi|3192954|gb|AAC39765.1|	181	195	13778	9.68	10.33	4.9	3.11	53.55	9.68	30.08	2.24
59	gi|3192954|gb|AAC39765.1|	182	196	13779	4.74	8.84	4.59	3.11	62.02	4.74	30.64	0.86
59	gi|3192954|gb|AAC39765.1|	183	197	13780	6.4	8.84	6.4	3.11	65.3	4.04	26.12	0.86
59	gi|3192954|gb|AAC39765.1|	184	198	13781	7.79	8.84	7.79	3.11	67.86	4.5	49.4	0.86
59	gi|3192954|gb|AAC39765.1|	185	199	13782	8.84	8.84	9.11	8.69	75.22	6.03	59.65	0.86
59	gi|3192954|gb|AAC39765.1|	186	200	13783	12.61	17.15	11.03	10.08	75.22	12.61	61.38	0.86
59	gi|3192954|gb|AAC39765.1|	208	222	13784	14.59	5.59	5.49	24.62	75.22	14.59	42.01	12.23
59	gi|3192954|gb|AAC39765.1|	209	223	13785	14.76	5.59	6.86	26.21	75.22	14.76	43.06	12.23
59	gi|3192954|gb|AAC39765.1|	210	224	13786	18.53	5.59	8.64	28.98	75.22	18.53	54.19	12.23
59	gi|3192954|gb|AAC39765.1|	217	231	13787	19.36	3.62	17.58	19.36	75.22	24.75	52.92	10.19
59	gi|3192954|gb|AAC39765.1|	236	250	13788	16.4	3.61	28.74	16.4	75.22	30.55	5.33	15.91
59	gi|3192954|gb|AAC39765.1|	237	251	13789	17.42	3.39	17.42	24.06	31.73	23.19	5.46	15.91
59	gi|3192954|gb|AAC39765.1|	238	252	13790	17.42	3.26	17.42	24.41	31.73	20.01	7.21	15.91
59	gi|3192954|gb|AAC39765.1|	246	260	13791	18.64	5.72	4.3	18.64	49.31	23.67	29.38	15.27
59	gi|3192954|gb|AAC39765.1|	247	261	13792	19.47	5.4	4.54	21.77	49.31	19.47	29.38	15.27
59	gi|3192954|gb|AAC39765.1|	325	339	13793	18.62	18.62	17.42	17.92	75.22	22.82	31.53	7.46
59	gi|3192954|gb|AAC39765.1|	326	340	13794	18.62	18.62	17.42	18.49	75.22	21.45	29.16	7.46
59	gi|3192954|gb|AAC39765.1|	327	341	13795	19.57	18.62	22.48	19.26	75.22	19.57	24.36	7.46
59	gi|3192954|gb|AAC39765.1|	378	392	13796	18.9	14.96	37.35	24.19	18.9	10.26	21.17	1.16
59	gi|3192954|gb|AAC39765.1|	379	393	13797	16.43	14.96	39.52	16.43	24.94	11.18	21.87	1.16
59	gi|3192954|gb|AAC39765.1|	380	394	13798	16.43	14.96	45.92	16.43	27.41	15.62	22.34	1.16
59	gi|3192954|gb|AAC39765.1|	426	440	13799	14.23	6.71	14.23	20.63	12.84	77.81	82.83	5.79
59	gi|3192954|gb|AAC39765.1|	427	441	13800	13	6.71	13	19.17	10.26	55.42	72.11	5.79
59	gi|3192954|gb|AAC39765.1|	428	442	13801	15.2	6.71	15.2	18.49	9.81	44.52	72.11	5.79
59	gi|3192954|gb|AAC39765.1|	429	443	13802	18.14	6.71	18.14	19.04	9.77	41.94	67.47	5.79
59	gi|3192954|gb|AAC39765.1|	430	444	13803	18.73	6.71	21.45	18.73	14.39	41.82	66.92	5.79
59	gi|3192954|gb|AAC39765.1|	434	448	13804	12.13	6.64	1.5	26	20.8	12.13	51.35	0.72
59	gi|3192954|gb|AAC39765.1|	435	449	13805	3.35	3.22	1.43	25.4	18.78	3.35	51.35	0.45
59	gi|3192954|gb|AAC39765.1|	436	450	13806	3.35	2.16	1.62	25.4	17.74	3.35	51.35	0.45
59	gi|3192954|gb|AAC39765.1|	437	451	13807	2.67	1.33	1.83	25.4	17.31	2.67	51.35	0.37
59	gi|3192954|gb|AAC39765.1|	438	452	13808	3.64	2.33	2.16	25.4	28.75	3.64	51.35	0.6
59	gi|3192954|gb|AAC39765.1|	439	453	13809	9.62	4.34	2.99	31.72	47.12	9.62	51.35	0.86
59	gi|3192954|gb|AAC39765.1|	528	542	13810	13.58	0.18	46.97	13.58	9.42	31.8	64.18	3.63
59	gi|3192954|gb|AAC39765.1|	529	543	13811	11.89	0.18	14.31	11.89	8.7	14.08	38.3	3.32
59	gi|3192954|gb|AAC39765.1|	530	544	13812	8.53	0.18	14.19	11.52	8.53	8	38.3	2.44
59	gi|3192954|gb|AAC39765.1|	531	545	13813	8.34	0.18	15.16	12.23	8.34	7.11	55.49	2.44
59	gi|3192954|gb|AAC39765.1|	532	546	13814	11.21	0.18	18.61	14.42	11.21	7.7	54.07	2.44
59	gi|3192954|gb|AAC39765.1|	533	547	13815	13.81	0.53	15.32	22.28	13.81	8.41	53.98	2.44
59	gi|3192954|gb|AAC39765.1|	534	548	13816	17.36	0.61	23.62	17.36	17.95	15.72	36.43	2.44
59	gi|3192954|gb|AAC39765.1|	537	551	13817	7.73	6.18	1.15	10.24	23.73	7.73	11.16	3.73
59	gi|3192954|gb|AAC39765.1|	538	552	13818	6.18	6.18	1.15	10.28	23.99	4.74	9.61	3.73

Table 2

59	gi|3192954|gb|AAC39765.1|	539	553	13819	6.18	6.18	1.15	13.75	25.92	4.05	8.55	3.73
59	gi|3192954|gb|AAC39765.1|	540	554	13820	7.43	6.18	7.43	14.56	27.59	5.09	8.74	3.73
59	gi|3192954|gb|AAC39765.1|	541	555	13821	6.18	6.18	9.2	2.23	35.6	7.12	4.67	2.24
59	gi|3192954|gb|AAC39765.1|	542	556	13822	6.32	6.32	12.29	2.79	43.65	11.07	5.18	2.24
59	gi|3192954|gb|AAC39765.1|	543	557	13823	6.86	6.18	16.99	2.5	51.54	24.16	6.86	2.24
59	gi|3192954|gb|AAC39765.1|	544	558	13824	15.15	15.15	48.27	5.61	51.54	25.74	5.54	2.24
59	gi|3192954|gb|AAC39765.1|	545	559	13825	15.15	15.15	37.73	5.61	51.54	21.71	4.2	2.3
59	gi|3192954|gb|AAC39765.1|	546	560	13826	14.9	14.9	37.73	7.51	51.54	19.53	2.83	4.82
59	gi|3192954|gb|AAC39765.1|	547	561	13827	15.15	15.15	37.73	7.69	51.54	20.37	2.35	4.85
59	gi|3192954|gb|AAC39765.1|	549	563	13828	15.15	15.15	37.73	11.01	44.8	25.39	12.47	2.85
59	gi|3192954|gb|AAC39765.1|	587	601	13829	14.67	14.41	4.19	11.61	32.56	20.46	33.18	14.67
59	gi|3192954|gb|AAC39765.1|	588	602	13830	11.81	11.81	5.34	11.61	32.56	10.57	33.18	14.67
59	gi|3192954|gb|AAC39765.1|	589	603	13831	12.44	12.44	6.82	11.61	32.56	10.37	31.68	14.67
59	gi|3192954|gb|AAC39765.1|	590	604	13832	13.37	11.89	5.13	13.37	32.56	9.3	26.9	14.67
59	gi|3192954|gb|AAC39765.1|	591	605	13833	13.77	9.38	4.54	13.77	50.83	10.9	22.84	14.67
59	gi|3192954|gb|AAC39765.1|	592	606	13834	18.91	5.13	5.43	26.95	60.15	16.85	51.78	18.91
59	gi|3192954|gb|AAC39765.1|	632	646	13835	13.05	13.05	21.28	11.52	13.41	54.95	8.41	5.79
59	gi|3192954|gb|AAC39765.1|	633	647	13836	12.84	12.84	22.98	11.43	20.43	37.87	8.41	5.79
59	gi|3192954|gb|AAC39765.1|	634	648	13837	12.33	12.33	24.8	12.11	34.21	30.93	8.41	5.79
59	gi|3192954|gb|AAC39765.1|	635	649	13838	12.11	8.92	29.38	12.11	29.65	28.58	8.41	5.79
59	gi|3192954|gb|AAC39765.1|	636	650	13839	12.64	9.1	35.2	12.64	30.56	32.18	8.41	5.79
59	gi|3192954|gb|AAC39765.1|	653	667	13840	16.67	16.67	7.64	13.87	66.4	65.45	61.05	14.67
59	gi|3192954|gb|AAC39765.1|	654	668	13841	16.67	16.67	8.55	13.87	65.53	43.42	57.09	14.67
59	gi|3192954|gb|AAC39765.1|	655	669	13842	14.67	13.57	10	13.91	65.53	31.38	54.33	14.67
59	gi|3192954|gb|AAC39765.1|	656	670	13843	14.67	13.57	12.7	13.55	66.42	27.58	54.6	14.67
59	gi|3192954|gb|AAC39765.1|	657	671	13844	15.45	13.57	15.45	13.55	75.22	30.01	60.39	14.67
59	gi|3192954|gb|AAC39765.1|	668	682	13845	19.08	7.76	21.68	11.89	75.22	15.46	51.11	19.08
59	gi|3192954|gb|AAC39765.1|	669	683	13846	19.08	7.76	22.68	11.76	75.22	5.17	51.11	19.08
59	gi|3192954|gb|AAC39765.1|	670	684	13847	19.08	7.76	25.14	13.9	75.22	4.77	51.11	19.08
59	gi|3192954|gb|AAC39765.1|	671	685	13848	19.08	7.76	26	17.93	75.22	4.68	51.11	19.08
59	gi|3192954|gb|AAC39765.1|	672	686	13849	19.08	7.76	28.39	18.94	75.22	5.91	56.41	19.08
59	gi|3192954|gb|AAC39765.1|	708	722	13850	11.32	3.36	7.82	11.32	75.22	30.54	30.49	8.92
59	gi|3192954|gb|AAC39765.1|	709	723	13851	11.23	3.22	7.75	11.23	75.22	16.91	23.85	8.92
59	gi|3192954|gb|AAC39765.1|	710	724	13852	11.23	3.22	7.51	11.23	75.22	12.67	19.5	8.92
59	gi|3192954|gb|AAC39765.1|	711	725	13853	11.45	3.23	7.82	11.45	75.22	12.37	17.76	8.92
59	gi|3192954|gb|AAC39765.1|	712	726	13854	16.5	3.32	7.82	18.43	75.22	16.5	41.11	8.92
59	gi|3192954|gb|AAC39765.1|	728	742	13855	8.76	8.04	27.84	8.76	4.1	7.12	18.92	11.9
59	gi|3192954|gb|AAC39765.1|	729	743	13856	10.8	8.66	27.84	10.8	5.29	3.6	23.2	14.13
59	gi|3192954|gb|AAC39765.1|	730	744	13857	13.01	10.35	27.84	13.01	4.75	3.71	32.29	14.13
59	gi|3192954|gb|AAC39765.1|	731	745	13858	14.13	10.86	27.84	16.05	4.38	4.54	32.64	14.13
59	gi|3192954|gb|AAC39765.1|	732	746	13859	14.13	10.59	24.87	33.72	6.28	6.27	43.16	14.13
59	gi|3192954|gb|AAC39765.1|	755	769	13860	18.56	12.21	52.31	30.61	8.33	18.56	62.18	11.99
59	gi|3192954|gb|AAC39765.1|	756	770	13861	13.67	11.76	22.78	29.89	8.33	13.67	62.18	11.91
59	gi|3192954|gb|AAC39765.1|	764	778	13862	16.73	1.12	42.98	33.67	16.73	77.55	16.16	14.94
59	gi|3192954|gb|AAC39765.1|	765	779	13863	16.16	1.22	43.51	33.87	15.4	72.56	16.16	15.24
59	gi|3192954|gb|AAC39765.1|	766	780	13864	16.55	1.29	48.32	34.28	14.32	73.47	16.55	15.78
59	gi|3192954|gb|AAC39765.1|	782	796	13865	17.29	17.29	38.18	8.79	51.62	29.13	3.2	11.31
59	gi|3192954|gb|AAC39765.1|	783	797	13866	19.39	20.21	35.68	7.72	51.62	19.39	3.11	13.46

Table 2

59	gi|3192954|gb|AAC39765.1|	784	798	13867	16.09	21.1	26.91	7.23	51.62	16.09	3.11	13.69
59	gi|3192954|gb|AAC39765.1|	785	799	13868	17.45	21.96	26.91	8.24	19.83	17.45	3.11	13.29
59	gi|3192954|gb|AAC39765.1|	787	801	13869	14.88	4.26	26.91	14.88	2.01	24.79	5.63	24.39
59	gi|3192954|gb|AAC39765.1|	790	804	13870	17.93	4.29	17.93	28.54	0.51	24.41	24.44	12.23
59	gi|3192954|gb|AAC39765.1|	802	816	13871	15.29	15.89	11.45	20.37	11.44	11.41	15.29	21.62
59	gi|3192954|gb|AAC39765.1|	803	817	13872	12.94	15.89	12.94	22.2	11.14	8.77	12.39	21.62
59	gi|3192954|gb|AAC39765.1|	804	818	13873	14.34	15.89	14.34	22.25	11.4	7.68	10.96	21.62
59	gi|3192954|gb|AAC39765.1|	805	819	13874	18.11	15.89	16.95	27.73	18.11	10.39	29.05	27.55
59	gi|3192954|gb|AAC39765.1|	816	830	13875	16.39	14.24	5.42	39.42	10.4	61.99	75.58	16.39
59	gi|3192954|gb|AAC39765.1|	842	856	13876	17.15	17.15	11.89	12.96	75.22	38.72	82.52	13.66
59	gi|3192954|gb|AAC39765.1|	843	857	13877	17.15	17.15	12.11	12.95	75.22	33.91	80.4	13.66
59	gi|3192954|gb|AAC39765.1|	844	858	13878	17.15	17.15	13.24	12.95	75.22	39.6	83.87	13.66
59	gi|3192954|gb|AAC39765.1|	875	889	13879	16.05	4.44	37.69	11.15	47.35	19.52	14.05	16.05
59	gi|3192954|gb|AAC39765.1|	878	892	13880	12.5	12.5	21.11	7.41	47.63	26.73	10.85	7.95
60	gi|119585826|gb|EAW65422.1|	84	98	13881	15.39	8.44	14.67	5.88	63.37	55.15	15.39	22.82
60	gi|119585826|gb|EAW65422.1|	85	99	13882	12.87	7.72	12.87	4.79	43.52	36.87	11.65	14.99
60	gi|119585826|gb|EAW65422.1|	86	100	13883	15.07	7.72	16.6	4.88	40.78	34.19	8.87	15.07
60	gi|119585826|gb|EAW65422.1|	87	101	13884	15.03	7.72	20.56	4.98	39.16	33.58	8.15	15.03
60	gi|119585826|gb|EAW65422.1|	88	102	13885	17.18	7.72	24.66	6.4	43.87	39.55	15.05	17.18
60	gi|119585826|gb|EAW65422.1|	180	194	13886	10.33	10.33	4.98	3.11	29.33	19.29	30.12	2.24
60	gi|119585826|gb|EAW65422.1|	181	195	13887	9.68	10.33	4.9	3.11	53.55	9.68	30.08	2.24
60	gi|119585826|gb|EAW65422.1|	182	196	13888	4.74	8.84	4.59	3.11	62.02	4.74	30.64	0.86
60	gi|119585826|gb|EAW65422.1|	183	197	13889	6.4	8.84	6.4	3.11	65.3	4.04	26.12	0.86
60	gi|119585826|gb|EAW65422.1|	184	198	13890	7.79	8.84	7.79	3.11	67.86	4.5	49.4	0.86
60	gi|119585826|gb|EAW65422.1|	185	199	13891	8.84	8.84	9.11	8.69	75.22	6.03	59.65	0.86
60	gi|119585826|gb|EAW65422.1|	186	200	13892	12.61	17.15	11.03	10.08	75.22	12.61	61.38	0.86
60	gi|119585826|gb|EAW65422.1|	208	222	13893	14.59	5.59	5.49	24.62	75.22	14.59	42.01	12.23
60	gi|119585826|gb|EAW65422.1|	209	223	13894	14.76	5.59	6.86	26.21	75.22	14.76	43.06	12.23
60	gi|119585826|gb|EAW65422.1|	210	224	13895	18.53	5.59	8.64	28.98	75.22	18.53	54.19	12.23
60	gi|119585826|gb|EAW65422.1|	217	231	13896	19.36	3.62	17.58	19.36	75.22	24.75	52.92	10.19
60	gi|119585826|gb|EAW65422.1|	236	250	13897	16.4	3.61	28.74	16.4	75.22	30.55	5.33	15.91
60	gi|119585826|gb|EAW65422.1|	237	251	13898	17.42	3.39	17.42	24.06	31.73	23.19	5.46	15.91
60	gi|119585826|gb|EAW65422.1|	238	252	13899	17.42	3.26	17.42	24.41	31.73	20.01	7.21	15.91
60	gi|119585826|gb|EAW65422.1|	246	260	13900	18.64	5.72	4.3	18.64	49.31	23.67	29.38	15.27
60	gi|119585826|gb|EAW65422.1|	247	261	13901	19.47	5.4	4.54	21.77	49.31	19.47	29.38	15.27
60	gi|119585826|gb|EAW65422.1|	325	339	13902	18.62	18.62	17.42	17.92	75.22	22.82	31.53	7.46
60	gi|119585826|gb|EAW65422.1|	326	340	13903	18.62	18.62	17.42	18.49	75.22	21.45	29.16	7.46
60	gi|119585826|gb|EAW65422.1|	327	341	13904	19.57	18.62	22.48	19.26	75.22	19.57	24.36	7.46
60	gi|119585826|gb|EAW65422.1|	378	392	13905	18.9	14.96	37.35	24.19	18.9	10.26	21.17	1.16
60	gi|119585826|gb|EAW65422.1|	379	393	13906	16.43	14.96	39.52	16.43	24.94	11.18	21.87	1.16
60	gi|119585826|gb|EAW65422.1|	380	394	13907	16.43	14.96	45.92	16.43	27.41	15.62	22.34	1.16
60	gi|119585826|gb|EAW65422.1|	426	440	13908	14.23	6.71	14.23	20.63	12.84	77.81	82.83	5.79
60	gi|119585826|gb|EAW65422.1|	427	441	13909	13	6.71	13	19.17	10.26	55.42	72.11	5.79
60	gi|119585826|gb|EAW65422.1|	428	442	13910	15.2	6.71	15.2	18.49	9.81	44.52	72.11	5.79
60	gi|119585826|gb|EAW65422.1|	429	443	13911	18.14	6.71	18.14	19.04	9.77	41.94	67.47	5.79
60	gi|119585826|gb|EAW65422.1|	430	444	13912	18.73	6.71	21.45	18.73	14.39	41.82	66.92	5.79
60	gi|119585826|gb|EAW65422.1|	434	448	13913	12.13	6.64	1.5	26	20.8	12.13	51.35	0.72
60	gi|119585826|gb|EAW65422.1|	435	449	13914	3.35	3.22	1.43	25.4	18.78	3.35	51.35	0.45

Table 2

60	gi|119585826|gb|EAW65422.1|	436	450	13915	3.35	2.16	1.62	25.4	17.74	3.35	51.35	0.45
60	gi|119585826|gb|EAW65422.1|	437	451	13916	2.67	1.33	1.83	25.4	17.31	2.67	51.35	0.37
60	gi|119585826|gb|EAW65422.1|	438	452	13917	3.64	2.33	2.16	25.4	28.75	3.64	51.35	0.6
60	gi|119585826|gb|EAW65422.1|	439	453	13918	9.62	4.34	2.99	31.72	47.12	9.62	51.35	0.86
60	gi|119585826|gb|EAW65422.1|	528	542	13919	13.58	0.18	46.97	13.58	9.42	31.8	64.18	3.63
60	gi|119585826|gb|EAW65422.1|	529	543	13920	11.89	0.18	14.31	11.89	8.7	14.08	38.3	3.32
60	gi|119585826|gb|EAW65422.1|	530	544	13921	8.53	0.18	14.19	11.52	8.53	8	38.3	2.44
60	gi|119585826|gb|EAW65422.1|	531	545	13922	8.34	0.18	15.16	12.23	8.34	7.11	55.49	2.44
60	gi|119585826|gb|EAW65422.1|	532	546	13923	11.21	0.18	18.61	14.42	11.21	7.7	54.07	2.44
60	gi|119585826|gb|EAW65422.1|	533	547	13924	13.81	0.53	15.32	22.28	13.81	8.41	53.98	2.44
60	gi|119585826|gb|EAW65422.1|	534	548	13925	17.36	0.61	23.62	17.36	17.95	15.72	36.43	2.44
60	gi|119585826|gb|EAW65422.1|	537	551	13926	7.73	6.18	1.15	10.24	23.73	7.73	11.16	3.73
60	gi|119585826|gb|EAW65422.1|	538	552	13927	6.18	6.18	1.15	10.28	23.99	4.74	9.61	3.73
60	gi|119585826|gb|EAW65422.1|	539	553	13928	6.18	6.18	1.15	13.75	25.92	4.05	8.55	3.73
60	gi|119585826|gb|EAW65422.1|	540	554	13929	7.43	6.18	7.43	14.56	27.59	5.09	8.74	3.73
60	gi|119585826|gb|EAW65422.1|	541	555	13930	6.18	6.18	9.2	2.23	35.6	7.12	4.67	2.24
60	gi|119585826|gb|EAW65422.1|	542	556	13931	6.32	6.32	12.29	2.79	43.65	11.07	5.18	2.24
60	gi|119585826|gb|EAW65422.1|	543	557	13932	6.86	6.18	16.99	2.5	51.54	24.16	6.86	2.24
60	gi|119585826|gb|EAW65422.1|	544	558	13933	15.15	15.15	48.27	5.61	51.54	25.74	5.54	2.24
60	gi|119585826|gb|EAW65422.1|	545	559	13934	15.15	15.15	37.73	5.61	51.54	21.71	4.2	2.3
60	gi|119585826|gb|EAW65422.1|	546	560	13935	14.9	14.9	37.73	7.51	51.54	19.53	2.83	4.82
60	gi|119585826|gb|EAW65422.1|	547	561	13936	15.15	15.15	37.73	7.69	51.54	20.37	2.35	4.85
60	gi|119585826|gb|EAW65422.1|	549	563	13937	15.15	15.15	37.73	11.01	44.8	25.39	12.47	2.85
60	gi|119585826|gb|EAW65422.1|	587	601	13938	14.67	14.41	4.19	11.61	32.56	20.46	33.18	14.67
60	gi|119585826|gb|EAW65422.1|	588	602	13939	11.81	11.81	5.34	11.61	32.56	10.57	33.18	14.67
60	gi|119585826|gb|EAW65422.1|	589	603	13940	12.44	12.44	6.82	11.61	32.56	10.37	31.68	14.67
60	gi|119585826|gb|EAW65422.1|	590	604	13941	13.37	11.89	5.13	13.37	32.56	9.3	26.9	14.67
60	gi|119585826|gb|EAW65422.1|	591	605	13942	13.77	9.38	4.54	13.77	50.83	10.9	22.84	14.67
60	gi|119585826|gb|EAW65422.1|	592	606	13943	18.91	5.13	5.43	26.95	60.15	16.85	51.78	18.91
60	gi|119585826|gb|EAW65422.1|	632	646	13944	13.05	13.05	21.28	11.52	13.41	54.95	8.41	5.79
60	gi|119585826|gb|EAW65422.1|	633	647	13945	12.84	12.84	22.98	11.43	20.43	37.87	8.41	5.79
60	gi|119585826|gb|EAW65422.1|	634	648	13946	12.33	12.33	24.8	12.11	34.21	30.93	8.41	5.79
60	gi|119585826|gb|EAW65422.1|	635	649	13947	12.11	8.92	29.38	12.11	29.65	28.58	8.41	5.79
60	gi|119585826|gb|EAW65422.1|	636	650	13948	12.64	9.1	35.2	12.64	30.56	32.18	8.41	5.79
60	gi|119585826|gb|EAW65422.1|	653	667	13949	16.67	16.67	7.64	13.87	66.4	65.45	61.05	14.67
60	gi|119585826|gb|EAW65422.1|	654	668	13950	16.67	16.67	8.55	13.87	65.53	43.42	57.09	14.67
60	gi|119585826|gb|EAW65422.1|	655	669	13951	14.67	13.57	10	13.91	65.53	31.38	54.33	14.67
60	gi|119585826|gb|EAW65422.1|	656	670	13952	14.67	13.57	12.7	13.55	66.42	27.58	54.6	14.67
60	gi|119585826|gb|EAW65422.1|	657	671	13953	15.45	13.57	15.45	13.55	75.22	30.01	60.39	14.67
60	gi|119585826|gb|EAW65422.1|	668	682	13954	19.08	7.76	21.68	11.89	75.22	15.46	51.11	19.08
60	gi|119585826|gb|EAW65422.1|	669	683	13955	19.08	7.76	22.68	11.76	75.22	5.17	51.11	19.08
60	gi|119585826|gb|EAW65422.1|	670	684	13956	19.08	7.76	25.14	13.9	75.22	4.77	51.11	19.08
60	gi|119585826|gb|EAW65422.1|	671	685	13957	19.08	7.76	26	17.93	75.22	4.68	51.11	19.08
60	gi|119585826|gb|EAW65422.1|	672	686	13958	19.08	7.76	28.39	18.94	75.22	5.91	56.41	19.08
60	gi|119585826|gb|EAW65422.1|	708	722	13959	11.32	3.36	7.82	11.32	75.22	30.54	30.49	8.92
60	gi|119585826|gb|EAW65422.1|	709	723	13960	11.23	3.22	7.75	11.23	75.22	16.91	23.85	8.92
60	gi|119585826|gb|EAW65422.1|	710	724	13961	11.23	3.22	7.51	11.23	75.22	12.67	19.5	8.92
60	gi|119585826|gb|EAW65422.1|	711	725	13962	11.45	3.23	7.82	11.45	75.22	12.37	17.76	8.92

Table 2

60	gi|119585826|gb|EAW65422.1|	712	726	13963	16.5	3.32	7.82	18.43	75.22	16.5	41.11	8.92
60	gi|119585826|gb|EAW65422.1|	728	742	13964	8.76	8.04	27.84	8.76	4.1	7.12	18.92	11.9
60	gi|119585826|gb|EAW65422.1|	729	743	13965	10.8	8.66	27.84	10.8	5.29	3.6	23.2	14.13
60	gi|119585826|gb|EAW65422.1|	730	744	13966	13.01	10.35	27.84	13.01	4.75	3.71	32.29	14.13
60	gi|119585826|gb|EAW65422.1|	731	745	13967	14.13	10.86	27.84	16.05	4.38	4.54	32.64	14.13
60	gi|119585826|gb|EAW65422.1|	732	746	13968	14.13	10.59	24.87	33.72	6.28	6.27	43.16	14.13
60	gi|119585826|gb|EAW65422.1|	755	769	13969	18.56	12.21	52.31	30.61	8.33	18.56	62.18	11.99
60	gi|119585826|gb|EAW65422.1|	756	770	13970	13.67	11.76	22.78	29.89	8.33	13.67	62.18	11.91
60	gi|119585826|gb|EAW65422.1|	764	778	13971	16.73	1.12	42.98	33.67	16.73	77.55	16.16	14.94
60	gi|119585826|gb|EAW65422.1|	765	779	13972	16.16	1.22	43.51	33.87	15.4	72.56	16.16	15.24
60	gi|119585826|gb|EAW65422.1|	766	780	13973	16.55	1.29	48.32	34.28	14.32	73.47	16.55	15.78
60	gi|119585826|gb|EAW65422.1|	782	796	13974	17.29	17.29	38.18	8.79	51.62	29.13	3.2	11.31
60	gi|119585826|gb|EAW65422.1|	783	797	13975	19.39	20.21	35.68	7.72	51.62	19.39	3.11	13.46
60	gi|119585826|gb|EAW65422.1|	784	798	13976	16.09	21.1	26.91	7.23	51.62	16.09	3.11	13.69
60	gi|119585826|gb|EAW65422.1|	785	799	13977	17.45	21.96	26.91	8.24	19.83	17.45	3.11	13.29
60	gi|119585826|gb|EAW65422.1|	787	801	13978	14.88	4.26	26.91	14.88	2.01	24.79	5.63	24.39
60	gi|119585826|gb|EAW65422.1|	790	804	13979	17.93	4.29	17.93	28.54	0.51	24.41	24.44	12.23
60	gi|119585826|gb|EAW65422.1|	802	816	13980	15.29	15.89	11.45	20.37	11.44	11.41	15.29	21.62
60	gi|119585826|gb|EAW65422.1|	803	817	13981	12.94	15.89	12.94	22.2	11.14	8.77	12.39	21.62
60	gi|119585826|gb|EAW65422.1|	804	818	13982	14.34	15.89	14.34	22.25	11.4	7.68	10.96	21.62
60	gi|119585826|gb|EAW65422.1|	805	819	13983	18.11	15.89	16.95	27.73	18.11	10.39	29.05	27.55
60	gi|119585826|gb|EAW65422.1|	816	830	13984	16.39	14.24	5.42	39.42	10.4	61.99	75.58	16.39
60	gi|119585826|gb|EAW65422.1|	842	856	13985	17.15	17.15	11.89	12.96	75.22	38.72	82.52	13.66
60	gi|119585826|gb|EAW65422.1|	843	857	13986	17.15	17.15	12.11	12.95	75.22	33.91	80.4	13.66
60	gi|119585826|gb|EAW65422.1|	844	858	13987	17.15	17.15	13.24	12.95	75.22	39.6	83.87	13.66
60	gi|119585826|gb|EAW65422.1|	875	889	13988	16.05	4.44	37.69	11.15	47.35	19.52	14.05	16.05
60	gi|119585826|gb|EAW65422.1|	878	892	13989	12.5	12.5	21.11	7.41	47.63	26.73	10.85	7.95
61	gi|119585827|gb|EAW65423.1|	84	98	13990	15.39	8.44	14.67	5.88	63.37	55.15	15.39	22.82
61	gi|119585827|gb|EAW65423.1|	85	99	13991	12.87	7.72	12.87	4.79	43.52	36.87	11.65	14.99
61	gi|119585827|gb|EAW65423.1|	86	100	13992	15.07	7.72	16.6	4.88	40.78	34.19	8.87	15.07
61	gi|119585827|gb|EAW65423.1|	87	101	13993	15.03	7.72	20.56	4.98	39.16	33.58	8.15	15.03
61	gi|119585827|gb|EAW65423.1|	88	102	13994	17.18	7.72	24.66	6.4	43.87	39.55	15.05	17.18
61	gi|119585827|gb|EAW65423.1|	180	194	13995	10.33	10.33	4.98	3.11	29.33	19.29	30.12	2.24
61	gi|119585827|gb|EAW65423.1|	181	195	13996	9.68	10.33	4.9	3.11	53.55	9.68	30.08	2.24
61	gi|119585827|gb|EAW65423.1|	182	196	13997	4.74	8.84	4.59	3.11	62.02	4.74	30.64	0.86
61	gi|119585827|gb|EAW65423.1|	183	197	13998	6.4	8.84	6.4	3.11	65.3	4.04	26.12	0.86
61	gi|119585827|gb|EAW65423.1|	184	198	13999	7.79	8.84	7.79	3.11	67.86	4.5	49.4	0.86
61	gi|119585827|gb|EAW65423.1|	185	199	14000	8.84	8.84	9.11	8.69	75.22	6.03	59.65	0.86
61	gi|119585827|gb|EAW65423.1|	186	200	14001	12.61	17.15	11.03	10.08	75.22	12.61	61.38	0.86
61	gi|119585827|gb|EAW65423.1|	208	222	14002	14.59	5.59	5.49	24.62	75.22	14.59	42.01	12.23
61	gi|119585827|gb|EAW65423.1|	209	223	14003	14.76	5.59	6.86	26.21	75.22	14.76	43.06	12.23
61	gi|119585827|gb|EAW65423.1|	210	224	14004	18.53	5.59	8.64	28.98	75.22	18.53	54.19	12.23
61	gi|119585827|gb|EAW65423.1|	217	231	14005	19.36	3.62	17.58	19.36	75.22	24.75	52.92	10.19
61	gi|119585827|gb|EAW65423.1|	236	250	14006	16.4	3.61	28.74	16.4	75.22	30.55	5.33	15.91
61	gi|119585827|gb|EAW65423.1|	237	251	14007	17.42	3.39	17.42	24.06	31.73	23.19	5.46	15.91
61	gi|119585827|gb|EAW65423.1|	238	252	14008	17.42	3.26	17.42	24.41	31.73	20.01	7.21	15.91
61	gi|119585827|gb|EAW65423.1|	246	260	14009	18.64	5.72	4.3	18.64	49.31	23.67	29.38	15.27
61	gi|119585827|gb|EAW65423.1|	247	261	14010	19.47	5.4	4.54	21.77	49.31	19.47	29.38	15.27

Table 2

61	gi|119585827|gb|EAW65423.1|	325	339	14011	18.62	18.62	17.42	17.92	75.22	22.82	31.53	7.46
61	gi|119585827|gb|EAW65423.1|	326	340	14012	18.62	18.62	17.42	18.49	75.22	21.45	29.16	7.46
61	gi|119585827|gb|EAW65423.1|	327	341	14013	19.57	18.62	22.48	19.26	75.22	19.57	24.36	7.46
61	gi|119585827|gb|EAW65423.1|	378	392	14014	18.9	14.96	37.35	24.19	18.9	10.26	21.17	1.16
61	gi|119585827|gb|EAW65423.1|	379	393	14015	16.43	14.96	39.52	16.43	24.94	11.18	21.87	1.16
61	gi|119585827|gb|EAW65423.1|	380	394	14016	16.43	14.96	45.92	16.43	27.41	15.62	22.34	1.16
61	gi|119585827|gb|EAW65423.1|	426	440	14017	14.23	6.71	14.23	20.63	12.84	77.81	82.83	5.79
61	gi|119585827|gb|EAW65423.1|	427	441	14018	13	6.71	13	19.17	10.26	55.42	72.11	5.79
61	gi|119585827|gb|EAW65423.1|	428	442	14019	15.2	6.71	15.2	18.49	9.81	44.52	72.11	5.79
61	gi|119585827|gb|EAW65423.1|	429	443	14020	18.14	6.71	18.14	19.04	9.77	41.94	67.47	5.79
61	gi|119585827|gb|EAW65423.1|	430	444	14021	18.73	6.71	21.45	18.73	14.39	41.82	66.92	5.79
61	gi|119585827|gb|EAW65423.1|	434	448	14022	12.13	6.64	1.5	26	20.8	12.13	51.35	0.72
61	gi|119585827|gb|EAW65423.1|	435	449	14023	3.35	3.22	1.43	25.4	18.78	3.35	51.35	0.45
61	gi|119585827|gb|EAW65423.1|	436	450	14024	3.35	2.16	1.62	25.4	17.74	3.35	51.35	0.45
61	gi|119585827|gb|EAW65423.1|	437	451	14025	2.67	1.33	1.83	25.4	17.31	2.67	51.35	0.37
61	gi|119585827|gb|EAW65423.1|	438	452	14026	3.64	2.33	2.16	25.4	28.75	3.64	51.35	0.6
61	gi|119585827|gb|EAW65423.1|	439	453	14027	9.62	4.34	2.99	31.72	47.12	9.62	51.35	0.86
61	gi|119585827|gb|EAW65423.1|	528	542	14028	13.58	0.18	46.97	13.58	9.42	31.8	64.18	3.63
61	gi|119585827|gb|EAW65423.1|	529	543	14029	11.89	0.18	14.31	11.89	8.7	14.08	38.3	3.32
61	gi|119585827|gb|EAW65423.1|	530	544	14030	8.53	0.18	14.19	11.52	8.53	8	38.3	2.44
61	gi|119585827|gb|EAW65423.1|	531	545	14031	8.34	0.18	15.16	12.23	8.34	7.11	55.49	2.44
61	gi|119585827|gb|EAW65423.1|	532	546	14032	11.21	0.18	18.61	14.42	11.21	7.7	54.07	2.44
61	gi|119585827|gb|EAW65423.1|	533	547	14033	13.81	0.53	15.32	22.28	13.81	8.41	53.98	2.44
61	gi|119585827|gb|EAW65423.1|	534	548	14034	17.36	0.61	23.62	17.36	17.95	15.72	36.43	2.44
61	gi|119585827|gb|EAW65423.1|	537	551	14035	7.73	6.18	1.15	10.24	23.73	7.73	11.16	3.73
61	gi|119585827|gb|EAW65423.1|	538	552	14036	6.18	6.18	1.15	10.28	23.99	4.74	9.61	3.73
61	gi|119585827|gb|EAW65423.1|	539	553	14037	6.18	6.18	1.15	13.75	25.92	4.05	8.55	3.73
61	gi|119585827|gb|EAW65423.1|	540	554	14038	7.43	6.18	7.43	14.56	27.59	5.09	8.74	3.73
61	gi|119585827|gb|EAW65423.1|	541	555	14039	6.18	6.18	9.2	2.23	35.6	7.12	4.67	2.24
61	gi|119585827|gb|EAW65423.1|	542	556	14040	6.32	6.32	12.29	2.79	43.65	11.07	5.18	2.24
61	gi|119585827|gb|EAW65423.1|	543	557	14041	6.86	6.18	16.99	2.5	51.54	24.16	6.86	2.24
61	gi|119585827|gb|EAW65423.1|	544	558	14042	15.15	15.15	48.27	5.61	51.54	25.74	5.54	2.24
61	gi|119585827|gb|EAW65423.1|	545	559	14043	15.15	15.15	37.73	5.61	51.54	21.71	4.2	2.3
61	gi|119585827|gb|EAW65423.1|	546	560	14044	14.9	14.9	37.73	7.51	51.54	19.53	2.83	4.82
61	gi|119585827|gb|EAW65423.1|	547	561	14045	15.15	15.15	37.73	7.69	51.54	20.37	2.35	4.85
61	gi|119585827|gb|EAW65423.1|	549	563	14046	15.15	15.15	37.73	11.01	44.8	25.39	12.47	2.85
61	gi|119585827|gb|EAW65423.1|	587	601	14047	14.67	14.41	4.19	11.61	32.56	20.46	33.18	14.67
61	gi|119585827|gb|EAW65423.1|	588	602	14048	11.81	11.81	5.34	11.61	32.56	10.57	33.18	14.67
61	gi|119585827|gb|EAW65423.1|	589	603	14049	12.44	12.44	6.82	11.61	32.56	10.37	31.68	14.67
61	gi|119585827|gb|EAW65423.1|	590	604	14050	13.37	11.89	5.13	13.37	32.56	9.3	26.9	14.67
61	gi|119585827|gb|EAW65423.1|	591	605	14051	13.77	9.38	4.54	13.77	50.83	10.9	22.84	14.67
61	gi|119585827|gb|EAW65423.1|	592	606	14052	18.91	5.13	5.43	26.95	60.15	16.85	51.78	18.91
61	gi|119585827|gb|EAW65423.1|	632	646	14053	13.05	13.05	21.28	11.52	13.41	54.95	8.41	5.79
61	gi|119585827|gb|EAW65423.1|	633	647	14054	12.84	12.84	22.98	11.43	20.43	37.87	8.41	5.79
61	gi|119585827|gb|EAW65423.1|	634	648	14055	12.33	12.33	24.8	12.11	34.21	30.93	8.41	5.79
61	gi|119585827|gb|EAW65423.1|	635	649	14056	12.11	8.92	29.38	12.11	29.65	28.58	8.41	5.79
61	gi|119585827|gb|EAW65423.1|	636	650	14057	12.64	9.1	35.2	12.64	30.56	32.18	8.41	5.79
61	gi|119585827|gb|EAW65423.1|	653	667	14058	16.67	16.67	7.64	13.87	66.4	65.45	61.05	14.67

Table 2

61	gi|119585827|gb|EAW65423.1|	654	668	14059	16.67	16.67	8.55	13.87	65.53	43.42	57.09	14.67
61	gi|119585827|gb|EAW65423.1|	655	669	14060	14.67	13.57	10	13.91	65.53	31.38	54.33	14.67
61	gi|119585827|gb|EAW65423.1|	656	670	14061	14.67	13.57	12.7	13.55	66.42	27.58	54.6	14.67
61	gi|119585827|gb|EAW65423.1|	657	671	14062	15.45	13.57	15.45	13.55	75.22	30.01	60.39	14.67
61	gi|119585827|gb|EAW65423.1|	668	682	14063	19.08	7.76	21.68	11.89	75.22	15.46	51.11	19.08
61	gi|119585827|gb|EAW65423.1|	669	683	14064	19.08	7.76	22.68	11.76	75.22	5.17	51.11	19.08
61	gi|119585827|gb|EAW65423.1|	670	684	14065	19.08	7.76	25.14	13.9	75.22	4.77	51.11	19.08
61	gi|119585827|gb|EAW65423.1|	671	685	14066	19.08	7.76	26	17.93	75.22	4.68	51.11	19.08
61	gi|119585827|gb|EAW65423.1|	672	686	14067	19.08	7.76	28.39	18.94	75.22	5.91	56.41	19.08
61	gi|119585827|gb|EAW65423.1|	708	722	14068	11.32	3.36	7.82	11.32	75.22	30.54	30.49	8.92
61	gi|119585827|gb|EAW65423.1|	709	723	14069	11.23	3.22	7.75	11.23	75.22	16.91	23.85	8.92
61	gi|119585827|gb|EAW65423.1|	710	724	14070	11.23	3.22	7.51	11.23	75.22	12.67	19.5	8.92
61	gi|119585827|gb|EAW65423.1|	711	725	14071	11.45	3.23	7.82	11.45	75.22	12.37	17.76	8.92
61	gi|119585827|gb|EAW65423.1|	712	726	14072	16.5	3.32	7.82	18.43	75.22	16.5	41.11	8.92
61	gi|119585827|gb|EAW65423.1|	728	742	14073	8.76	8.04	27.84	8.76	4.1	7.12	18.92	11.9
61	gi|119585827|gb|EAW65423.1|	729	743	14074	10.8	8.66	27.84	10.8	5.29	3.6	23.2	14.13
61	gi|119585827|gb|EAW65423.1|	730	744	14075	13.01	10.35	27.84	13.01	4.75	3.71	32.29	14.13
61	gi|119585827|gb|EAW65423.1|	731	745	14076	14.13	10.86	27.84	16.05	4.38	4.54	32.64	14.13
61	gi|119585827|gb|EAW65423.1|	732	746	14077	14.13	10.59	24.87	33.72	6.28	6.27	43.16	14.13
61	gi|119585827|gb|EAW65423.1|	755	769	14078	18.56	12.21	52.31	30.61	8.33	18.56	62.18	11.99
61	gi|119585827|gb|EAW65423.1|	756	770	14079	13.67	11.76	22.78	29.89	8.33	13.67	62.18	11.91
61	gi|119585827|gb|EAW65423.1|	764	778	14080	16.73	1.12	42.98	33.67	16.73	77.55	16.16	14.94
61	gi|119585827|gb|EAW65423.1|	765	779	14081	16.16	1.22	43.51	33.87	15.4	72.56	16.16	15.24
61	gi|119585827|gb|EAW65423.1|	766	780	14082	16.55	1.29	48.32	34.28	14.32	73.47	16.55	15.78
61	gi|119585827|gb|EAW65423.1|	782	796	14083	17.29	17.29	38.18	8.79	51.62	29.13	3.2	11.31
61	gi|119585827|gb|EAW65423.1|	783	797	14084	19.39	20.21	35.68	7.72	51.62	19.39	3.11	13.46
61	gi|119585827|gb|EAW65423.1|	784	798	14085	16.09	21.1	26.91	7.23	51.62	16.09	3.11	13.69
61	gi|119585827|gb|EAW65423.1|	785	799	14086	17.45	21.96	26.91	8.24	19.83	17.45	3.11	13.29
61	gi|119585827|gb|EAW65423.1|	787	801	14087	14.88	4.26	26.91	14.88	2.01	24.79	5.63	24.39
61	gi|119585827|gb|EAW65423.1|	790	804	14088	17.93	4.29	17.93	28.54	0.51	24.41	24.44	12.23
61	gi|119585827|gb|EAW65423.1|	802	816	14089	15.29	15.89	11.45	20.37	11.44	11.41	15.29	21.62
61	gi|119585827|gb|EAW65423.1|	803	817	14090	12.94	15.89	12.94	22.2	11.14	8.77	12.39	21.62
61	gi|119585827|gb|EAW65423.1|	804	818	14091	14.34	15.89	14.34	22.25	11.4	7.68	10.96	21.62
61	gi|119585827|gb|EAW65423.1|	805	819	14092	18.11	15.89	16.95	27.73	18.11	10.39	29.05	27.55
61	gi|119585827|gb|EAW65423.1|	816	830	14093	16.39	14.24	5.42	39.42	10.4	61.99	75.58	16.39
61	gi|119585827|gb|EAW65423.1|	842	856	14094	17.15	17.15	11.89	12.96	75.22	38.72	82.52	13.66
61	gi|119585827|gb|EAW65423.1|	843	857	14095	17.15	17.15	12.11	12.95	75.22	33.91	80.4	13.66
61	gi|119585827|gb|EAW65423.1|	844	858	14096	17.15	17.15	13.24	12.95	75.22	39.6	83.87	13.66
61	gi|119585827|gb|EAW65423.1|	875	889	14097	15.99	4.52	43.51	12.02	60.51	25.79	15.99	15.75
62	gi|430727958|ref|NP_858060.2|	1	15	14098	3.67	3.67	7.47	1.13	62.98	9.29	1.16	2.24
62	gi|430727958|ref|NP_858060.2|	2	16	14099	10.37	17.95	10.37	2.13	62.98	22.22	1.19	2.24
62	gi|430727958|ref|NP_858060.2|	4	18	14100	13.53	7.21	17.05	17.04	13.53	20.27	1.07	8.92
62	gi|430727958|ref|NP_858060.2|	5	19	14101	8.92	7.21	16.65	17.04	7.22	15.49	1.41	8.92
62	gi|430727958|ref|NP_858060.2|	6	20	14102	17.04	7.21	17.1	17.04	6.8	20.38	17.67	8.92
62	gi|430727958|ref|NP_858060.2|	7	21	14103	14.15	7.21	14.15	24.09	5.85	23.73	27.62	9.09
62	gi|430727958|ref|NP_858060.2|	8	22	14104	16.03	7.21	16.03	24.58	7.2	40.81	31.97	9.38
62	gi|430727958|ref|NP_858060.2|	12	26	14105	17.05	28.38	1.57	17.05	31.71	7.44	25.57	1.98
62	gi|430727958|ref|NP_858060.2|	13	27	14106	15.15	15.15	1.65	17.04	32.91	4.19	23.56	2.05

Table 2

62	gi|430727958|ref|NP_858060.2|	14	28	14107	15.15	15.15	1.73	17.04	33.52	4.2	22.44	2.05
62	gi|430727958|ref|NP_858060.2|	15	29	14108	15.15	15.15	1.76	17.04	32.42	3.64	23.9	2.05
62	gi|430727958|ref|NP_858060.2|	16	30	14109	15.15	15.15	1.76	19.92	43.52	4.92	29.67	2.05
62	gi|430727958|ref|NP_858060.2|	17	31	14110	15.15	15.15	5.57	17.04	52.89	8.74	21.7	3.1
62	gi|430727958|ref|NP_858060.2|	44	58	14111	10.5	4.01	10.5	6.85	41.05	72.37	72.16	6.18
62	gi|430727958|ref|NP_858060.2|	45	59	14112	10.5	4.01	10.5	6.6	39.96	71.19	28.96	6.36
62	gi|430727958|ref|NP_858060.2|	46	60	14113	10.5	4.01	10.5	6.46	42.48	69.82	28.96	6.23
62	gi|430727958|ref|NP_858060.2|	47	61	14114	10.5	4.01	10.5	6	45.91	54.22	16.73	5.98
62	gi|430727958|ref|NP_858060.2|	48	62	14115	10.5	4.01	10.5	7.01	13.76	32.78	14.1	4.83
62	gi|430727958|ref|NP_858060.2|	49	63	14116	13.19	4.38	16.6	13.19	13.76	23.26	8.34	8.57
62	gi|430727958|ref|NP_858060.2|	50	64	14117	8.76	4.01	8.76	13.93	13.76	16.15	5.56	8.25
62	gi|430727958|ref|NP_858060.2|	51	65	14118	8.92	3.99	2.7	15.76	13.76	11	3.98	8.92
62	gi|430727958|ref|NP_858060.2|	52	66	14119	9.09	3.99	3.95	15.5	13.76	10.58	3.61	9.09
62	gi|430727958|ref|NP_858060.2|	53	67	14120	12.3	3.99	5.38	18.75	13.76	12.3	2.54	13.57
62	gi|430727958|ref|NP_858060.2|	54	68	14121	13.76	3.99	8.28	21.73	13.76	18.46	2.5	14
62	gi|430727958|ref|NP_858060.2|	55	69	14122	17.33	3.99	14.15	21.47	58.64	26.62	3.08	17.33
62	gi|430727958|ref|NP_858060.2|	74	88	14123	10.98	5.2	14.43	10.98	0.9	12.67	22.35	7.46
62	gi|430727958|ref|NP_858060.2|	75	89	14124	7.46	5.2	16.57	10.98	0.72	7.44	54.99	7.46
62	gi|430727958|ref|NP_858060.2|	76	90	14125	7.46	5.2	17.06	10.98	0.62	4.75	54.99	7.46
62	gi|430727958|ref|NP_858060.2|	77	91	14126	10.98	5.2	17.06	10.98	0.5	6.32	54.99	11.66
62	gi|430727958|ref|NP_858060.2|	78	92	14127	10.98	5.2	17.06	10.98	0.91	7.57	54.99	11.66
62	gi|430727958|ref|NP_858060.2|	79	93	14128	12.57	5.2	15.58	23.17	1.66	12.57	54.99	11.66
62	gi|430727958|ref|NP_858060.2|	80	94	14129	17.06	5.2	17.06	23.5	3.02	36.01	54.99	11.66
62	gi|430727958|ref|NP_858060.2|	92	106	14130	18.7	8.1	7.69	47.57	21.65	28.7	18.7	13.2
62	gi|430727958|ref|NP_858060.2|	141	155	14131	15.12	32.89	0.15	6.54	36.99	15.12	44.75	6.18
62	gi|430727958|ref|NP_858060.2|	142	156	14132	14.1	24.36	0.2	6.54	46.61	14.1	37.93	6.18
62	gi|430727958|ref|NP_858060.2|	143	157	14133	8.98	8.98	0.31	6.54	55.54	12.18	29.96	6.18
62	gi|430727958|ref|NP_858060.2|	144	158	14134	8.98	8.98	0.48	6.54	60.31	12.07	27.26	6.18
62	gi|430727958|ref|NP_858060.2|	145	159	14135	11.87	8.98	0.74	11.87	61.16	16.48	23.93	6.18
62	gi|430727958|ref|NP_858060.2|	146	160	14136	12	6.18	1.1	12	61.16	29.84	21.96	5.05
62	gi|430727958|ref|NP_858060.2|	156	170	14137	17.96	28.76	44.83	17.96	47.09	12.49	0.3	7.46
62	gi|430727958|ref|NP_858060.2|	157	171	14138	15.19	16.72	45.55	15.19	15.79	6.79	0.51	8.84
62	gi|430727958|ref|NP_858060.2|	158	172	14139	13.37	16.01	50.91	13.37	15.79	4.54	1.14	7.46
62	gi|430727958|ref|NP_858060.2|	159	173	14140	13.06	14.9	39.46	13.06	15.37	3.61	3.29	7.46
62	gi|430727958|ref|NP_858060.2|	160	174	14141	12.66	18.05	19.68	14.21	12.66	2.98	6.21	7.46
62	gi|430727958|ref|NP_858060.2|	161	175	14142	14.37	18.18	19.68	14.37	12.49	6.54	14.67	7.46
62	gi|430727958|ref|NP_858060.2|	162	176	14143	19.68	31.04	19.68	25.92	12.87	12.82	47.26	9.97
62	gi|430727958|ref|NP_858060.2|	166	180	14144	17.2	10.89	17.2	20.72	22.35	4.2	41.95	1.74
62	gi|430727958|ref|NP_858060.2|	167	181	14145	10.89	10.89	5.89	19.34	19.86	1.09	36.73	1.65
62	gi|430727958|ref|NP_858060.2|	168	182	14146	8.21	8.21	6.73	19.59	19.6	0.63	31.14	1.56
62	gi|430727958|ref|NP_858060.2|	169	183	14147	5.34	3.96	5.34	20.2	16.22	0.52	26.01	1.54
62	gi|430727958|ref|NP_858060.2|	170	184	14148	6.51	3.32	6.51	23.77	24.9	0.67	42.1	2.74
62	gi|430727958|ref|NP_858060.2|	171	185	14149	7.96	2.94	7.96	36.26	34.98	2.02	60.22	4.85
62	gi|430727958|ref|NP_858060.2|	172	186	14150	18.44	5.2	10.98	23.25	36.6	16.4	39.4	18.44
62	gi|430727958|ref|NP_858060.2|	205	219	14151	13.24	7.72	9.97	8.51	45.71	34.83	13.24	29.06
62	gi|430727958|ref|NP_858060.2|	206	220	14152	13.64	7.72	9.97	13.64	45.71	24.51	13.24	20.38
62	gi|430727958|ref|NP_858060.2|	207	221	14153	13.64	7.72	9.97	13.64	45.71	25.3	13.24	20.38
62	gi|430727958|ref|NP_858060.2|	208	222	14154	10.3	6.18	9.97	6.95	38.58	20.17	11.43	10.3

Table 2

62	gi|430727958|ref|NP_858060.2|	209	223	14155	11.25	6.18	11.65	7.18	33.71	22.94	11.25	10.48
62	gi|430727958|ref|NP_858060.2|	210	224	14156	11.77	6.18	11.77	15.04	29.76	25.38	5	10.26
62	gi|430727958|ref|NP_858060.2|	211	225	14157	14.99	11.91	12.15	14.99	26.97	33.89	3.69	15.1
62	gi|430727958|ref|NP_858060.2|	212	226	14158	19.29	6.18	27.55	19.29	38.24	39.09	3.36	15.59
62	gi|430727958|ref|NP_858060.2|	217	231	14159	17.41	13.99	46.23	39.25	17.41	58.12	16.49	9.69
62	gi|430727958|ref|NP_858060.2|	219	233	14160	12.97	1.59	4.61	20.54	17.41	12.97	23.76	4.01
62	gi|430727958|ref|NP_858060.2|	220	234	14161	5.4	4.01	3.88	20.09	17.41	4.86	23.34	5.4
62	gi|430727958|ref|NP_858060.2|	221	235	14162	5.63	4.01	4.52	19.91	16.53	3.31	26.16	5.63
62	gi|430727958|ref|NP_858060.2|	222	236	14163	7.03	4.01	6.2	20.52	17.41	3.47	27.34	7.03
62	gi|430727958|ref|NP_858060.2|	223	237	14164	8.6	4.01	8.6	28.86	25.53	6.35	46.52	7.03
62	gi|430727958|ref|NP_858060.2|	224	238	14165	12.45	4.01	10.53	30.49	28.45	12.45	28.03	7.03
62	gi|430727958|ref|NP_858060.2|	225	239	14166	17.13	14.41	14.56	17.13	45.46	43.29	23.26	7.03
62	gi|430727958|ref|NP_858060.2|	228	242	14167	4.52	15.59	0.19	9.13	2.19	4.52	24.18	2.93
62	gi|430727958|ref|NP_858060.2|	229	243	14168	2.4	15.53	0.19	8.11	2.13	1.9	35.93	2.4
62	gi|430727958|ref|NP_858060.2|	230	244	14169	2.28	15.53	0.19	11.24	2.24	1.4	43.26	2.28
62	gi|430727958|ref|NP_858060.2|	231	245	14170	2.26	15.58	0.18	10.85	2.26	1.18	25.52	2.05
62	gi|430727958|ref|NP_858060.2|	232	246	14171	4.32	24.78	0.29	14.99	4.32	2.75	47.9	3.86
62	gi|430727958|ref|NP_858060.2|	233	247	14172	8.19	38.43	0.56	13.85	7.96	8.19	47.9	4.01
62	gi|430727958|ref|NP_858060.2|	234	248	14173	15.51	43.57	0.94	15.51	10.3	16.64	42.98	4.01
62	gi|430727958|ref|NP_858060.2|	235	249	14174	19.3	25.99	10.37	19.3	10.3	15.58	33.9	21.15
62	gi|430727958|ref|NP_858060.2|	236	250	14175	19.3	20.46	14.56	19.3	10.3	15.65	20.14	19.74
62	gi|430727958|ref|NP_858060.2|	237	251	14176	14.66	14.6	14.66	19.3	10.3	13.04	17.4	19.74
62	gi|430727958|ref|NP_858060.2|	238	252	14177	18.1	14.51	14.66	28.78	20.99	15.94	18.1	22.85
62	gi|430727958|ref|NP_858060.2|	249	263	14178	15.72	15.72	6.45	40.7	0.14	17.4	72.58	7.46
62	gi|430727958|ref|NP_858060.2|	250	264	14179	9.58	15.45	5.58	50.16	0.13	9.58	69.67	7.46
62	gi|430727958|ref|NP_858060.2|	251	265	14180	7.51	11.66	6.75	53.39	0.13	7.51	60.67	7.46
62	gi|430727958|ref|NP_858060.2|	252	266	14181	10.54	11.5	9.66	47.08	0.13	10.54	50.74	7.46
62	gi|430727958|ref|NP_858060.2|	253	267	14182	11.74	11.2	11.74	37.67	0.23	15.03	45.55	7.46
62	gi|430727958|ref|NP_858060.2|	254	268	14183	15.31	6.16	15.31	28.71	0.83	34.48	37.91	7.46
62	gi|430727958|ref|NP_858060.2|	255	269	14184	19.56	10.36	72.16	19.56	1.13	60.89	14.83	26.03
62	gi|430727958|ref|NP_858060.2|	256	270	14185	18.24	10.93	74.41	18.24	3.67	60.84	14.83	25.83
62	gi|430727958|ref|NP_858060.2|	257	271	14186	18.54	18.54	74.41	16.7	3.61	59.68	14.83	25.96
62	gi|430727958|ref|NP_858060.2|	258	272	14187	19.45	18.39	73.27	19.45	3.9	57.14	14.83	25.93
62	gi|430727958|ref|NP_858060.2|	262	276	14188	19.21	19.75	18.21	34.22	19.21	21.24	12.18	11.03
62	gi|430727958|ref|NP_858060.2|	263	277	14189	18.87	18.87	16.52	28.73	19.93	19.18	14.3	10.94
62	gi|430727958|ref|NP_858060.2|	264	278	14190	18.46	21.59	18.34	30.81	18.46	22.73	14.3	13.52
62	gi|430727958|ref|NP_858060.2|	270	284	14191	13.94	3.87	13.94	12.18	32.03	14.56	27.3	5.2
62	gi|430727958|ref|NP_858060.2|	271	285	14192	12.45	3.02	18.38	12.18	31.22	12.45	23.74	4.99
62	gi|430727958|ref|NP_858060.2|	272	286	14193	13.35	3.01	23.66	12.18	39.95	13.35	23.16	5.02
62	gi|430727958|ref|NP_858060.2|	273	287	14194	14.6	2.99	22	11.61	58.51	14.6	21.42	5.98
62	gi|430727958|ref|NP_858060.2|	298	312	14195	12.33	12.33	2.14	9.17	17.83	14.45	46.7	2.44
62	gi|430727958|ref|NP_858060.2|	299	313	14196	3.97	2.9	1.36	9.17	17.72	3.97	46.7	2.44
62	gi|430727958|ref|NP_858060.2|	300	314	14197	2.66	2.66	0.94	9.17	16.42	1.57	46.7	2.02
62	gi|430727958|ref|NP_858060.2|	301	315	14198	2.48	2.48	0.66	9.17	15.11	0.64	64.69	1.21
62	gi|430727958|ref|NP_858060.2|	302	316	14199	2.46	2.46	0.68	9.17	23.25	0.86	67.05	1.59
62	gi|430727958|ref|NP_858060.2|	303	317	14200	3.57	3.57	0.88	16.25	33.85	2.06	67.05	2.22
62	gi|430727958|ref|NP_858060.2|	304	318	14201	8.23	5.73	1.29	17.62	50	8.23	47.29	2.44
62	gi|430727958|ref|NP_858060.2|	309	323	14202	11.01	4.37	22.24	9.49	20.62	14.22	9.72	11.01

Table 2

62	gi|430727958|ref|NP_858060.2|	310	324	14203	11.21	4.37	25.87	9.45	20.62	12.39	9.44	11.21
62	gi|430727958|ref|NP_858060.2|	311	325	14204	11.74	4.37	28.21	11.74	20.62	16	11.71	10.79
62	gi|430727958|ref|NP_858060.2|	312	326	14205	14.61	3.54	32.37	14.61	20.62	17.17	11.71	11.19
62	gi|430727958|ref|NP_858060.2|	336	350	14206	17.87	17.96	7.39	17.87	2.79	24.83	47.5	17.8
62	gi|430727958|ref|NP_858060.2|	337	351	14207	14.67	17.96	7.39	17.87	2.96	12.93	35.24	14.67
62	gi|430727958|ref|NP_858060.2|	338	352	14208	14.67	17.96	7.39	17.87	2.96	11.65	29.63	14.67
62	gi|430727958|ref|NP_858060.2|	339	353	14209	14.67	17.96	7.39	17.87	3.15	9.33	27.42	14.67
62	gi|430727958|ref|NP_858060.2|	340	354	14210	10.53	11.76	7.39	17.87	5.71	8.42	25.08	10.53
62	gi|430727958|ref|NP_858060.2|	341	355	14211	10.53	5.97	6.61	17.87	10.57	9.56	25.08	10.53
62	gi|430727958|ref|NP_858060.2|	342	356	14212	11.74	3.56	7.39	18.34	17.82	11.74	22.84	10.53
62	gi|430727958|ref|NP_858060.2|	343	357	14213	11.88	2.03	11.88	21.29	9.33	17.76	19.64	10.53
62	gi|430727958|ref|NP_858060.2|	344	358	14214	14.8	2.63	19.29	22.77	9.33	22.54	14.8	10.53
62	gi|430727958|ref|NP_858060.2|	347	361	14215	9.33	2.99	2.53	16.18	9.33	25.31	39.36	4.69
62	gi|430727958|ref|NP_858060.2|	348	362	14216	9.33	2.99	1.22	14.17	9.33	10.39	44.59	4.69
62	gi|430727958|ref|NP_858060.2|	349	363	14217	4.69	2.99	0.89	13.91	9.33	4.65	45.02	4.69
62	gi|430727958|ref|NP_858060.2|	350	364	14218	4.69	2.99	0.89	13.82	14.47	3.47	54.15	4.69
62	gi|430727958|ref|NP_858060.2|	351	365	14219	4.69	2.99	0.92	14.98	15.29	3.61	78.59	4.69
62	gi|430727958|ref|NP_858060.2|	352	366	14220	5.52	2.99	1.87	18.74	15.24	5.52	82.21	4.69
62	gi|430727958|ref|NP_858060.2|	353	367	14221	9.56	2.99	1.9	20.45	18.15	9.56	78.14	4.69
62	gi|430727958|ref|NP_858060.2|	354	368	14222	15.61	8.94	10.67	19.86	15.61	19.84	28.09	15.39
62	gi|430727958|ref|NP_858060.2|	355	369	14223	12.36	8.94	2.78	16.48	12.36	15.59	28.09	7.09
62	gi|430727958|ref|NP_858060.2|	356	370	14224	11.97	16.19	2.81	15.39	11.97	8.64	28.09	6.65
62	gi|430727958|ref|NP_858060.2|	357	371	14225	5.55	2.99	3.84	12.05	13.11	5.55	28.09	5.05
62	gi|430727958|ref|NP_858060.2|	358	372	14226	5.05	2.99	4.77	11.29	13.39	4.12	28.09	5.05
62	gi|430727958|ref|NP_858060.2|	359	373	14227	6.12	2.99	6.12	12.6	15.61	4.38	25.36	5.05
62	gi|430727958|ref|NP_858060.2|	360	374	14228	7.19	2.99	7.19	15.96	15.61	7.06	21.17	6.54
62	gi|430727958|ref|NP_858060.2|	361	375	14229	10.32	2.99	1.17	10.32	26.33	19.18	42.53	9.25
62	gi|430727958|ref|NP_858060.2|	362	376	14230	14.46	14.46	1.98	12.34	29	30.17	36.74	10.73
62	gi|430727958|ref|NP_858060.2|	363	377	14231	15.3	15.3	2.7	13.64	32.09	39.74	33.12	10.34
62	gi|430727958|ref|NP_858060.2|	365	379	14232	16.54	16.54	6.65	14.8	28.24	50.7	22.73	10.53
62	gi|430727958|ref|NP_858060.2|	382	396	14233	17.55	15.89	34.91	17.55	31.98	16.5	48.82	9.97
62	gi|430727958|ref|NP_858060.2|	383	397	14234	19.31	14.56	38.94	18.16	34.65	19.31	47.69	10.13
62	gi|430727958|ref|NP_858060.2|	384	398	14235	11.54	9.56	2.28	16.13	30.08	11.54	43.02	10.45
62	gi|430727958|ref|NP_858060.2|	385	399	14236	9.12	8.21	2.53	15.44	23.91	9.12	39.26	8.11
62	gi|430727958|ref|NP_858060.2|	386	400	14237	9.62	8.21	3.78	17.68	24.07	9.62	37.27	8.54
62	gi|430727958|ref|NP_858060.2|	387	401	14238	11.44	8.21	5.9	18.55	23.22	10.08	32.86	11.44
62	gi|430727958|ref|NP_858060.2|	388	402	14239	13.79	8.21	7.02	26.77	24.29	13.79	45.99	11.76
62	gi|430727958|ref|NP_858060.2|	414	428	14240	17.58	12.33	17.58	6.36	21.02	40.22	46.78	9.5
62	gi|430727958|ref|NP_858060.2|	415	429	14241	19.58	12.33	19.58	6.07	20.43	29.13	46.78	6.82
62	gi|430727958|ref|NP_858060.2|	416	430	14242	19.28	12.33	20.6	7.51	19.28	25.66	46.78	6.94
62	gi|430727958|ref|NP_858060.2|	417	431	14243	16.91	12.33	21.91	7.9	16.91	23.53	46.78	6.81
62	gi|430727958|ref|NP_858060.2|	418	432	14244	19.48	12.33	25.71	12.66	19.48	31.07	83.08	6.92
62	gi|430727958|ref|NP_858060.2|	422	436	14245	13.89	7.24	56.88	13.89	13.51	19.76	66.04	0.67
62	gi|430727958|ref|NP_858060.2|	423	437	14246	13.51	5.22	57.93	13.99	13.51	11.37	63.2	0.57
62	gi|430727958|ref|NP_858060.2|	424	438	14247	13.51	5.22	63.45	16.58	13.51	13.13	61.55	0.59
62	gi|430727958|ref|NP_858060.2|	425	439	14248	13.51	5.22	46.94	19.52	13.51	10.05	59.81	0.55
62	gi|430727958|ref|NP_858060.2|	426	440	14249	13.51	5.22	50.79	24.85	13.51	9.66	69.69	0.58
62	gi|430727958|ref|NP_858060.2|	427	441	14250	13.51	5.22	45.92	35.45	13.51	10.87	73.98	1.7

Table 2

62	gi|430727958|ref|NP_858060.2|	447	461	14251	13.64	7.76	10.95	13.64	75.22	48.94	31.31	4.93
62	gi|430727958|ref|NP_858060.2|	448	462	14252	15.11	6.71	15.11	13.64	75.22	48.17	31.31	7.02
62	gi|430727958|ref|NP_858060.2|	449	463	14253	19.68	6.71	19.68	13.64	75.22	50.59	31.31	10.83
62	gi|430727958|ref|NP_858060.2|	450	464	14254	19.68	6.71	19.68	13.64	75.22	57.92	31.31	17.54
62	gi|430727958|ref|NP_858060.2|	466	480	14255	17.8	2.22	46.7	60.4	9.14	61.7	15.9	17.8
62	gi|430727958|ref|NP_858060.2|	467	481	14256	17.8	2.03	46.7	44.12	3.86	50.4	15.5	17.8
62	gi|430727958|ref|NP_858060.2|	468	482	14257	19.15	2.1	50.88	32.6	4.48	41.51	19.15	17.8
62	gi|430727958|ref|NP_858060.2|	472	486	14258	19.47	6.51	26.91	24.97	17.1	19.47	24.48	17.8
62	gi|430727958|ref|NP_858060.2|	475	489	14259	15.03	10.25	9.57	22.3	56.28	28.92	15.03	14.94
62	gi|430727958|ref|NP_858060.2|	487	501	14260	15.69	12.14	3.84	15.69	57.61	33.15	34.58	6.8
62	gi|430727958|ref|NP_858060.2|	488	502	14261	15.33	12.14	3.37	15.33	45.35	15.94	34.58	6.27
62	gi|430727958|ref|NP_858060.2|	489	503	14262	11.05	12.14	1.06	11.05	29.87	8.99	34.58	5.79
62	gi|430727958|ref|NP_858060.2|	490	504	14263	10.79	12.14	1.22	10.79	22.71	6.83	34.58	5.84
62	gi|430727958|ref|NP_858060.2|	491	505	14264	11.3	12.14	1.69	11.3	21.08	7.44	34.58	8.41
62	gi|430727958|ref|NP_858060.2|	492	506	14265	12.14	12.14	2.67	13.85	5.89	12.61	23.08	9.64
62	gi|430727958|ref|NP_858060.2|	493	507	14266	13.57	12.14	8.57	17.83	5.89	26.26	19.93	13.57
63	gi|32307117|ref|NP_858062.1|	1	15	14267	12.76	15.09	12.76	1.21	4.42	25.13	44.69	2.92
63	gi|32307117|ref|NP_858062.1|	2	16	14268	9.6	9.6	12.76	3.81	4.42	28.26	21.51	2.92
63	gi|32307117|ref|NP_858062.1|	3	17	14269	12.76	30.3	12.76	5.5	4.42	38.18	23.13	3.57
63	gi|32307117|ref|NP_858062.1|	4	18	14270	9.72	25.41	7.8	5.49	9.72	24.85	21.01	2.92
63	gi|32307117|ref|NP_858062.1|	5	19	14271	9.43	14.9	5.13	8.28	9.43	10.26	17.26	3.73
63	gi|32307117|ref|NP_858062.1|	6	20	14272	8.35	11	6.16	8.35	9.74	5.76	14.52	3.73
63	gi|32307117|ref|NP_858062.1|	7	21	14273	8.61	11.15	7.72	8.61	10.47	4.12	13.57	3.73
63	gi|32307117|ref|NP_858062.1|	8	22	14274	11.15	11.15	10.31	11.22	15.86	4.44	12.62	3.73
63	gi|32307117|ref|NP_858062.1|	9	23	14275	13.81	11.85	13.81	17.92	21.04	7.24	36.2	4.06
63	gi|32307117|ref|NP_858062.1|	10	24	14276	17.49	17.49	14.04	20.1	32.44	13.07	36.2	3.89
63	gi|32307117|ref|NP_858062.1|	29	43	14277	18.7	8.1	7.69	47.57	21.65	28.7	18.7	13.2
63	gi|32307117|ref|NP_858062.1|	78	92	14278	15.12	32.89	0.15	6.54	36.99	15.12	44.75	6.18
63	gi|32307117|ref|NP_858062.1|	79	93	14279	14.1	24.36	0.2	6.54	46.61	14.1	37.93	6.18
63	gi|32307117|ref|NP_858062.1|	80	94	14280	8.98	8.98	0.31	6.54	55.54	12.18	29.96	6.18
63	gi|32307117|ref|NP_858062.1|	81	95	14281	8.98	8.98	0.48	6.54	60.31	12.07	27.26	6.18
63	gi|32307117|ref|NP_858062.1|	82	96	14282	11.87	8.98	0.74	11.87	61.16	16.48	23.93	6.18
63	gi|32307117|ref|NP_858062.1|	83	97	14283	12	6.18	1.1	12	61.16	29.84	21.96	5.05
63	gi|32307117|ref|NP_858062.1|	93	107	14284	17.96	28.76	44.83	17.96	47.09	12.49	0.3	7.46
63	gi|32307117|ref|NP_858062.1|	94	108	14285	15.19	16.72	45.55	15.19	15.79	6.79	0.51	8.84
63	gi|32307117|ref|NP_858062.1|	95	109	14286	13.37	16.01	50.91	13.37	15.79	4.54	1.14	7.46
63	gi|32307117|ref|NP_858062.1|	96	110	14287	13.06	14.9	39.46	13.06	15.37	3.61	3.29	7.46
63	gi|32307117|ref|NP_858062.1|	97	111	14288	12.66	18.05	19.68	14.21	12.66	2.98	6.21	7.46
63	gi|32307117|ref|NP_858062.1|	98	112	14289	14.37	18.18	19.68	14.37	12.49	6.54	14.67	7.46
63	gi|32307117|ref|NP_858062.1|	99	113	14290	19.68	31.04	19.68	25.92	12.87	12.82	47.26	9.97
63	gi|32307117|ref|NP_858062.1|	103	117	14291	17.2	10.89	17.2	20.72	22.35	4.2	41.95	1.74
63	gi|32307117|ref|NP_858062.1|	104	118	14292	10.89	10.89	5.89	19.34	19.86	1.09	36.73	1.65
63	gi|32307117|ref|NP_858062.1|	105	119	14293	8.21	8.21	6.73	19.59	19.6	0.63	31.14	1.56
63	gi|32307117|ref|NP_858062.1|	106	120	14294	5.34	3.96	5.34	20.2	16.22	0.52	26.01	1.54
63	gi|32307117|ref|NP_858062.1|	107	121	14295	6.51	3.32	6.51	23.77	24.9	0.67	42.1	2.74
63	gi|32307117|ref|NP_858062.1|	108	122	14296	7.96	2.94	7.96	36.26	34.98	2.02	60.22	4.85
63	gi|32307117|ref|NP_858062.1|	109	123	14297	18.44	5.2	10.98	23.25	36.6	16.4	39.4	18.44
63	gi|32307117|ref|NP_858062.1|	142	156	14298	13.24	7.72	9.97	8.51	45.71	34.83	13.24	29.06

Table 2

63	gi|32307117|ref|NP_858062.1|	143	157	14299	13.64	7.72	9.97	13.64	45.71	24.51	13.24	20.38
63	gi|32307117|ref|NP_858062.1|	144	158	14300	13.64	7.72	9.97	13.64	45.71	25.3	13.24	20.38
63	gi|32307117|ref|NP_858062.1|	145	159	14301	10.3	6.18	9.97	6.95	38.58	20.17	11.43	10.3
63	gi|32307117|ref|NP_858062.1|	146	160	14302	11.25	6.18	11.65	7.18	33.71	22.94	11.25	10.48
63	gi|32307117|ref|NP_858062.1|	147	161	14303	11.77	6.18	11.77	15.04	29.76	25.38	5	10.26
63	gi|32307117|ref|NP_858062.1|	148	162	14304	14.99	11.91	12.15	14.99	26.97	33.89	3.69	15.1
63	gi|32307117|ref|NP_858062.1|	149	163	14305	19.29	6.18	27.55	19.29	38.24	39.09	3.36	15.59
63	gi|32307117|ref|NP_858062.1|	154	168	14306	17.41	13.99	46.23	39.25	17.41	58.12	16.49	9.69
63	gi|32307117|ref|NP_858062.1|	156	170	14307	12.97	1.59	4.61	20.54	17.41	12.97	23.76	4.01
63	gi|32307117|ref|NP_858062.1|	157	171	14308	5.4	4.01	3.88	20.09	17.41	4.86	23.34	5.4
63	gi|32307117|ref|NP_858062.1|	158	172	14309	5.63	4.01	4.52	19.91	16.53	3.31	26.16	5.63
63	gi|32307117|ref|NP_858062.1|	159	173	14310	7.03	4.01	6.2	20.52	17.41	3.47	27.34	7.03
63	gi|32307117|ref|NP_858062.1|	160	174	14311	8.6	4.01	8.6	28.86	25.53	6.35	46.52	7.03
63	gi|32307117|ref|NP_858062.1|	161	175	14312	12.45	4.01	10.53	30.49	28.45	12.45	28.03	7.03
63	gi|32307117|ref|NP_858062.1|	162	176	14313	17.13	14.41	14.56	17.13	45.46	43.29	23.26	7.03
63	gi|32307117|ref|NP_858062.1|	165	179	14314	4.52	15.59	0.19	9.13	2.19	4.52	24.18	2.93
63	gi|32307117|ref|NP_858062.1|	166	180	14315	2.4	15.53	0.19	8.11	2.13	1.9	35.93	2.4
63	gi|32307117|ref|NP_858062.1|	167	181	14316	2.28	15.53	0.19	11.24	2.24	1.4	43.26	2.28
63	gi|32307117|ref|NP_858062.1|	168	182	14317	2.26	15.58	0.18	10.85	2.26	1.18	25.52	2.05
63	gi|32307117|ref|NP_858062.1|	169	183	14318	4.32	24.78	0.29	14.99	4.32	2.75	47.9	3.86
63	gi|32307117|ref|NP_858062.1|	170	184	14319	8.19	38.43	0.56	13.85	7.96	8.19	47.9	4.01
63	gi|32307117|ref|NP_858062.1|	171	185	14320	15.51	43.57	0.94	15.51	10.3	16.64	42.98	4.01
63	gi|32307117|ref|NP_858062.1|	172	186	14321	19.3	25.99	10.37	19.3	10.3	15.58	33.9	21.15
63	gi|32307117|ref|NP_858062.1|	173	187	14322	19.3	20.46	14.56	19.3	10.3	15.65	20.14	19.74
63	gi|32307117|ref|NP_858062.1|	174	188	14323	14.66	14.6	14.66	19.3	10.3	13.04	17.4	19.74
63	gi|32307117|ref|NP_858062.1|	175	189	14324	18.1	14.51	14.66	28.78	20.99	15.94	18.1	22.85
63	gi|32307117|ref|NP_858062.1|	186	200	14325	15.72	15.72	6.45	40.7	0.14	17.4	72.58	7.46
63	gi|32307117|ref|NP_858062.1|	187	201	14326	9.58	15.45	5.58	50.16	0.13	9.58	69.67	7.46
63	gi|32307117|ref|NP_858062.1|	188	202	14327	7.51	11.66	6.75	53.39	0.13	7.51	60.67	7.46
63	gi|32307117|ref|NP_858062.1|	189	203	14328	10.54	11.5	9.66	47.08	0.13	10.54	50.74	7.46
63	gi|32307117|ref|NP_858062.1|	190	204	14329	11.74	11.2	11.74	37.67	0.23	15.03	45.55	7.46
63	gi|32307117|ref|NP_858062.1|	191	205	14330	15.31	6.16	15.31	28.71	0.83	34.48	37.91	7.46
63	gi|32307117|ref|NP_858062.1|	192	206	14331	19.56	10.36	72.16	19.56	1.13	60.89	14.83	26.03
63	gi|32307117|ref|NP_858062.1|	193	207	14332	18.24	10.93	74.41	18.24	3.67	60.84	14.83	25.83
63	gi|32307117|ref|NP_858062.1|	194	208	14333	18.54	18.54	74.41	16.7	3.61	59.68	14.83	25.96
63	gi|32307117|ref|NP_858062.1|	195	209	14334	19.45	18.39	73.27	19.45	3.9	57.14	14.83	25.93
63	gi|32307117|ref|NP_858062.1|	199	213	14335	19.21	19.75	18.21	34.22	19.21	21.24	12.18	11.03
63	gi|32307117|ref|NP_858062.1|	200	214	14336	18.87	18.87	16.52	28.73	19.93	19.18	14.3	10.94
63	gi|32307117|ref|NP_858062.1|	201	215	14337	18.46	21.59	18.34	30.81	18.46	22.73	14.3	13.52
63	gi|32307117|ref|NP_858062.1|	207	221	14338	13.94	3.87	13.94	12.18	32.03	14.56	27.3	5.2
63	gi|32307117|ref|NP_858062.1|	208	222	14339	12.45	3.02	18.38	12.18	31.22	12.45	23.74	4.99
63	gi|32307117|ref|NP_858062.1|	209	223	14340	13.35	3.01	23.66	12.18	39.95	13.35	23.16	5.02
63	gi|32307117|ref|NP_858062.1|	210	224	14341	14.6	2.99	22	11.61	58.51	14.6	21.42	5.98
63	gi|32307117|ref|NP_858062.1|	235	249	14342	12.33	12.33	2.14	9.17	17.83	14.45	46.7	2.44
63	gi|32307117|ref|NP_858062.1|	236	250	14343	3.97	2.9	1.36	9.17	17.72	3.97	46.7	2.44
63	gi|32307117|ref|NP_858062.1|	237	251	14344	2.66	2.66	0.94	9.17	16.42	1.57	46.7	2.02
63	gi|32307117|ref|NP_858062.1|	238	252	14345	2.48	2.48	0.66	9.17	15.11	0.64	64.69	1.21
63	gi|32307117|ref|NP_858062.1|	239	253	14346	2.46	2.46	0.68	9.17	23.25	0.86	67.05	1.59

Table 2

63	gi|32307117|ref|NP_858062.1|	240	254	14347	3.57	3.57	0.88	16.25	33.85	2.06	67.05	2.22
63	gi|32307117|ref|NP_858062.1|	241	255	14348	8.23	5.73	1.29	17.62	50	8.23	47.29	2.44
63	gi|32307117|ref|NP_858062.1|	246	260	14349	11.01	4.37	22.24	9.49	20.62	14.22	9.72	11.01
63	gi|32307117|ref|NP_858062.1|	247	261	14350	11.21	4.37	25.87	9.45	20.62	12.39	9.44	11.21
63	gi|32307117|ref|NP_858062.1|	248	262	14351	11.74	4.37	28.21	11.74	20.62	16	11.71	10.79
63	gi|32307117|ref|NP_858062.1|	249	263	14352	14.61	3.54	32.37	14.61	20.62	17.17	11.71	11.19
63	gi|32307117|ref|NP_858062.1|	273	287	14353	17.87	17.96	7.39	17.87	2.79	24.83	47.5	17.8
63	gi|32307117|ref|NP_858062.1|	274	288	14354	14.67	17.96	7.39	17.87	2.96	12.93	35.24	14.67
63	gi|32307117|ref|NP_858062.1|	275	289	14355	14.67	17.96	7.39	17.87	2.96	11.65	29.63	14.67
63	gi|32307117|ref|NP_858062.1|	276	290	14356	14.67	17.96	7.39	17.87	3.15	9.33	27.42	14.67
63	gi|32307117|ref|NP_858062.1|	277	291	14357	10.53	11.76	7.39	17.87	5.71	8.42	25.08	10.53
63	gi|32307117|ref|NP_858062.1|	278	292	14358	10.53	5.97	6.61	17.87	10.57	9.56	25.08	10.53
63	gi|32307117|ref|NP_858062.1|	279	293	14359	11.74	3.56	7.39	18.34	17.82	11.74	22.84	10.53
63	gi|32307117|ref|NP_858062.1|	280	294	14360	11.88	2.03	11.88	21.29	9.33	17.76	19.64	10.53
63	gi|32307117|ref|NP_858062.1|	281	295	14361	14.8	2.63	19.29	22.77	9.33	22.54	14.8	10.53
63	gi|32307117|ref|NP_858062.1|	284	298	14362	9.33	2.99	2.53	16.18	9.33	25.31	39.36	4.69
63	gi|32307117|ref|NP_858062.1|	285	299	14363	9.33	2.99	1.22	14.17	9.33	10.39	44.59	4.69
63	gi|32307117|ref|NP_858062.1|	286	300	14364	4.69	2.99	0.89	13.91	9.33	4.65	45.02	4.69
63	gi|32307117|ref|NP_858062.1|	287	301	14365	4.69	2.99	0.89	13.82	14.47	3.47	54.15	4.69
63	gi|32307117|ref|NP_858062.1|	288	302	14366	4.69	2.99	0.92	14.98	15.29	3.61	78.59	4.69
63	gi|32307117|ref|NP_858062.1|	289	303	14367	5.52	2.99	1.87	18.74	15.24	5.52	82.21	4.69
63	gi|32307117|ref|NP_858062.1|	290	304	14368	9.56	2.99	1.9	20.45	18.15	9.56	78.14	4.69
63	gi|32307117|ref|NP_858062.1|	291	305	14369	15.61	8.94	10.67	19.86	15.61	19.84	28.09	15.39
63	gi|32307117|ref|NP_858062.1|	292	306	14370	12.36	8.94	2.78	16.48	12.36	15.59	28.09	7.09
63	gi|32307117|ref|NP_858062.1|	293	307	14371	11.97	16.19	2.81	15.39	11.97	8.64	28.09	6.65
63	gi|32307117|ref|NP_858062.1|	294	308	14372	5.55	2.99	3.84	12.05	13.11	5.55	28.09	5.05
63	gi|32307117|ref|NP_858062.1|	295	309	14373	5.05	2.99	4.77	11.29	13.39	4.12	28.09	5.05
63	gi|32307117|ref|NP_858062.1|	296	310	14374	6.12	2.99	6.12	12.6	15.61	4.38	25.36	5.05
63	gi|32307117|ref|NP_858062.1|	297	311	14375	7.19	2.99	7.19	15.96	15.61	7.06	21.17	6.54
63	gi|32307117|ref|NP_858062.1|	298	312	14376	10.32	2.99	1.17	10.32	26.33	19.18	42.53	9.25
63	gi|32307117|ref|NP_858062.1|	299	313	14377	14.46	14.46	1.98	12.34	29	30.17	36.74	10.73
63	gi|32307117|ref|NP_858062.1|	300	314	14378	15.3	15.3	2.7	13.64	32.09	39.74	33.12	10.34
63	gi|32307117|ref|NP_858062.1|	302	316	14379	16.54	16.54	6.65	14.8	28.24	50.7	22.73	10.53
63	gi|32307117|ref|NP_858062.1|	319	333	14380	17.55	15.89	34.91	17.55	31.98	16.5	48.82	9.97
63	gi|32307117|ref|NP_858062.1|	320	334	14381	19.31	14.56	38.94	18.16	34.65	19.31	47.69	10.13
63	gi|32307117|ref|NP_858062.1|	321	335	14382	11.54	9.56	2.28	16.13	30.08	11.54	43.02	10.45
63	gi|32307117|ref|NP_858062.1|	322	336	14383	9.12	8.21	2.53	15.44	23.91	9.12	39.26	8.11
63	gi|32307117|ref|NP_858062.1|	323	337	14384	9.62	8.21	3.78	17.68	24.07	9.62	37.27	8.54
63	gi|32307117|ref|NP_858062.1|	324	338	14385	11.44	8.21	5.9	18.55	23.22	10.08	32.86	11.44
63	gi|32307117|ref|NP_858062.1|	325	339	14386	13.79	8.21	7.02	26.77	24.29	13.79	45.99	11.76
63	gi|32307117|ref|NP_858062.1|	351	365	14387	17.58	12.33	17.58	6.36	21.02	40.22	46.78	9.5
63	gi|32307117|ref|NP_858062.1|	352	366	14388	19.58	12.33	19.58	6.07	20.43	29.13	46.78	6.82
63	gi|32307117|ref|NP_858062.1|	353	367	14389	19.28	12.33	20.6	7.51	19.28	25.66	46.78	6.94
63	gi|32307117|ref|NP_858062.1|	354	368	14390	16.91	12.33	21.91	7.9	16.91	23.53	46.78	6.81
63	gi|32307117|ref|NP_858062.1|	355	369	14391	19.48	12.33	25.71	12.66	19.48	31.07	83.08	6.92
63	gi|32307117|ref|NP_858062.1|	359	373	14392	13.89	7.24	56.88	13.89	13.51	19.76	66.04	0.67
63	gi|32307117|ref|NP_858062.1|	360	374	14393	13.51	5.22	57.93	13.99	13.51	11.37	63.2	0.57
63	gi|32307117|ref|NP_858062.1|	361	375	14394	13.51	5.22	63.45	16.58	13.51	13.13	61.55	0.59

Table 2

63	gi|32307117|ref|NP_858062.1|	362	376	14395	13.51	5.22	46.94	19.52	13.51	10.05	59.81	0.55
63	gi|32307117|ref|NP_858062.1|	363	377	14396	13.51	5.22	50.79	24.85	13.51	9.66	69.69	0.58
63	gi|32307117|ref|NP_858062.1|	364	378	14397	13.51	5.22	45.92	35.45	13.51	10.87	73.98	1.7
63	gi|32307117|ref|NP_858062.1|	384	398	14398	13.64	7.76	10.95	13.64	75.22	48.94	31.31	4.93
63	gi|32307117|ref|NP_858062.1|	385	399	14399	15.11	6.71	15.11	13.64	75.22	48.17	31.31	7.02
63	gi|32307117|ref|NP_858062.1|	386	400	14400	19.68	6.71	19.68	13.64	75.22	50.59	31.31	10.83
63	gi|32307117|ref|NP_858062.1|	387	401	14401	19.68	6.71	19.68	13.64	75.22	57.92	31.31	17.54
63	gi|32307117|ref|NP_858062.1|	403	417	14402	17.8	2.22	46.7	60.4	9.14	61.7	15.9	17.8
63	gi|32307117|ref|NP_858062.1|	404	418	14403	17.8	2.03	46.7	44.12	3.86	50.4	15.5	17.8
63	gi|32307117|ref|NP_858062.1|	405	419	14404	19.15	2.1	50.88	32.6	4.48	41.51	19.15	17.8
63	gi|32307117|ref|NP_858062.1|	409	423	14405	19.47	6.51	26.91	24.97	17.1	19.47	24.48	17.8
63	gi|32307117|ref|NP_858062.1|	412	426	14406	15.03	10.25	9.57	22.3	56.28	28.92	15.03	14.94
63	gi|32307117|ref|NP_858062.1|	424	438	14407	15.69	12.14	3.84	15.69	57.61	33.15	34.58	6.8
63	gi|32307117|ref|NP_858062.1|	425	439	14408	15.33	12.14	3.37	15.33	45.35	15.94	34.58	6.27
63	gi|32307117|ref|NP_858062.1|	426	440	14409	11.05	12.14	1.06	11.05	29.87	8.99	34.58	5.79
63	gi|32307117|ref|NP_858062.1|	427	441	14410	10.79	12.14	1.22	10.79	22.71	6.83	34.58	5.84
63	gi|32307117|ref|NP_858062.1|	428	442	14411	11.3	12.14	1.69	11.3	21.08	7.44	34.58	8.41
63	gi|32307117|ref|NP_858062.1|	429	443	14412	12.14	12.14	2.67	13.85	5.89	12.61	23.08	9.64
63	gi|32307117|ref|NP_858062.1|	430	444	14413	13.57	12.14	8.57	17.83	5.89	26.26	19.93	13.57
64	gi|32307119|ref|NP_858063.1|	6	20	14414	18.7	8.1	7.69	47.57	21.65	28.7	18.7	13.2
64	gi|32307119|ref|NP_858063.1|	55	69	14415	15.12	32.89	0.15	6.54	36.99	15.12	44.75	6.18
64	gi|32307119|ref|NP_858063.1|	56	70	14416	14.1	24.36	0.2	6.54	46.61	14.1	37.93	6.18
64	gi|32307119|ref|NP_858063.1|	57	71	14417	8.98	8.98	0.31	6.54	55.54	12.18	29.96	6.18
64	gi|32307119|ref|NP_858063.1|	58	72	14418	8.98	8.98	0.48	6.54	60.31	12.07	27.26	6.18
64	gi|32307119|ref|NP_858063.1|	59	73	14419	11.87	8.98	0.74	11.87	61.16	16.48	23.93	6.18
64	gi|32307119|ref|NP_858063.1|	60	74	14420	12	6.18	1.1	12	61.16	29.84	21.96	5.05
64	gi|32307119|ref|NP_858063.1|	70	84	14421	17.96	28.76	44.83	17.96	47.09	12.49	0.3	7.46
64	gi|32307119|ref|NP_858063.1|	71	85	14422	15.19	16.72	45.55	15.19	15.79	6.79	0.51	8.84
64	gi|32307119|ref|NP_858063.1|	72	86	14423	13.37	16.01	50.91	13.37	15.79	4.54	1.14	7.46
64	gi|32307119|ref|NP_858063.1|	73	87	14424	13.06	14.9	39.46	13.06	15.37	3.61	3.29	7.46
64	gi|32307119|ref|NP_858063.1|	74	88	14425	12.66	18.05	19.68	14.21	12.66	2.98	6.21	7.46
64	gi|32307119|ref|NP_858063.1|	75	89	14426	14.37	18.18	19.68	14.37	12.49	6.54	14.67	7.46
64	gi|32307119|ref|NP_858063.1|	76	90	14427	19.68	31.04	19.68	25.92	12.87	12.82	47.26	9.97
64	gi|32307119|ref|NP_858063.1|	80	94	14428	17.2	10.89	17.2	20.72	22.35	4.2	41.95	1.74
64	gi|32307119|ref|NP_858063.1|	81	95	14429	10.89	10.89	5.89	19.34	19.86	1.09	36.73	1.65
64	gi|32307119|ref|NP_858063.1|	82	96	14430	8.21	8.21	6.73	19.59	19.6	0.63	31.14	1.56
64	gi|32307119|ref|NP_858063.1|	83	97	14431	5.34	3.96	5.34	20.2	16.22	0.52	26.01	1.54
64	gi|32307119|ref|NP_858063.1|	84	98	14432	6.51	3.32	6.51	23.77	24.9	0.67	42.1	2.74
64	gi|32307119|ref|NP_858063.1|	85	99	14433	7.96	2.94	7.96	36.26	34.98	2.02	60.22	4.85
64	gi|32307119|ref|NP_858063.1|	86	100	14434	18.44	5.2	10.98	23.25	36.6	16.4	39.4	18.44
64	gi|32307119|ref|NP_858063.1|	119	133	14435	13.24	7.72	9.97	8.51	45.71	34.83	13.24	29.06
64	gi|32307119|ref|NP_858063.1|	120	134	14436	13.64	7.72	9.97	13.64	45.71	24.51	13.24	20.38
64	gi|32307119|ref|NP_858063.1|	121	135	14437	13.64	7.72	9.97	13.64	45.71	25.3	13.24	20.38
64	gi|32307119|ref|NP_858063.1|	122	136	14438	10.3	6.18	9.97	6.95	38.58	20.17	11.43	10.3
64	gi|32307119|ref|NP_858063.1|	123	137	14439	11.25	6.18	11.65	7.18	33.71	22.94	11.25	10.48
64	gi|32307119|ref|NP_858063.1|	124	138	14440	11.77	6.18	11.77	15.04	29.76	25.38	5	10.26
64	gi|32307119|ref|NP_858063.1|	125	139	14441	14.99	11.91	12.15	14.99	26.97	33.89	3.69	15.1
64	gi|32307119|ref|NP_858063.1|	126	140	14442	19.29	6.18	27.55	19.29	38.24	39.09	3.36	15.59

Table 2

64	gi|32307119|ref|NP_858063.1|	131	145	14443	17.41	13.99	46.23	39.25	17.41	58.12	16.49	9.69
64	gi|32307119|ref|NP_858063.1|	133	147	14444	12.97	1.59	4.61	20.54	17.41	12.97	23.76	4.01
64	gi|32307119|ref|NP_858063.1|	134	148	14445	5.4	4.01	3.88	20.09	17.41	4.86	23.34	5.4
64	gi|32307119|ref|NP_858063.1|	135	149	14446	5.63	4.01	4.52	19.91	16.53	3.31	26.16	5.63
64	gi|32307119|ref|NP_858063.1|	136	150	14447	7.03	4.01	6.2	20.52	17.41	3.47	27.34	7.03
64	gi|32307119|ref|NP_858063.1|	137	151	14448	8.6	4.01	8.6	28.86	25.53	6.35	46.52	7.03
64	gi|32307119|ref|NP_858063.1|	138	152	14449	12.45	4.01	10.53	30.49	28.45	12.45	28.03	7.03
64	gi|32307119|ref|NP_858063.1|	139	153	14450	17.13	14.41	14.56	17.13	45.46	43.29	23.26	7.03
64	gi|32307119|ref|NP_858063.1|	142	156	14451	4.52	15.59	0.19	9.13	2.19	4.52	24.18	2.93
64	gi|32307119|ref|NP_858063.1|	143	157	14452	2.4	15.53	0.19	8.11	2.13	1.9	35.93	2.4
64	gi|32307119|ref|NP_858063.1|	144	158	14453	2.28	15.53	0.19	11.24	2.24	1.4	43.26	2.28
64	gi|32307119|ref|NP_858063.1|	145	159	14454	2.26	15.58	0.18	10.85	2.26	1.18	25.52	2.05
64	gi|32307119|ref|NP_858063.1|	146	160	14455	4.32	24.78	0.29	14.99	4.32	2.75	47.9	3.86
64	gi|32307119|ref|NP_858063.1|	147	161	14456	8.19	38.43	0.56	13.85	7.96	8.19	47.9	4.01
64	gi|32307119|ref|NP_858063.1|	148	162	14457	15.51	43.57	0.94	15.51	10.3	16.64	42.98	4.01
64	gi|32307119|ref|NP_858063.1|	149	163	14458	19.3	25.99	10.37	19.3	10.3	15.58	33.9	21.15
64	gi|32307119|ref|NP_858063.1|	150	164	14459	19.3	20.46	14.56	19.3	10.3	15.65	20.14	19.74
64	gi|32307119|ref|NP_858063.1|	151	165	14460	14.66	14.6	14.66	19.3	10.3	13.04	17.4	19.74
64	gi|32307119|ref|NP_858063.1|	152	166	14461	18.1	14.51	14.66	28.78	20.99	15.94	18.1	22.85
64	gi|32307119|ref|NP_858063.1|	163	177	14462	15.72	15.72	6.45	40.7	0.14	17.4	72.58	7.46
64	gi|32307119|ref|NP_858063.1|	164	178	14463	9.58	15.45	5.58	50.16	0.13	9.58	69.67	7.46
64	gi|32307119|ref|NP_858063.1|	165	179	14464	7.51	11.66	6.75	53.39	0.13	7.51	60.67	7.46
64	gi|32307119|ref|NP_858063.1|	166	180	14465	10.54	11.5	9.66	47.08	0.13	10.54	50.74	7.46
64	gi|32307119|ref|NP_858063.1|	167	181	14466	11.74	11.2	11.74	37.67	0.23	15.03	45.55	7.46
64	gi|32307119|ref|NP_858063.1|	168	182	14467	15.31	6.16	15.31	28.71	0.83	34.48	37.91	7.46
64	gi|32307119|ref|NP_858063.1|	169	183	14468	19.56	10.36	72.16	19.56	1.13	60.89	14.83	26.03
64	gi|32307119|ref|NP_858063.1|	170	184	14469	18.24	10.93	74.41	18.24	3.67	60.84	14.83	25.83
64	gi|32307119|ref|NP_858063.1|	171	185	14470	18.54	18.54	74.41	16.7	3.61	59.68	14.83	25.96
64	gi|32307119|ref|NP_858063.1|	172	186	14471	19.45	18.39	73.27	19.45	3.9	57.14	14.83	25.93
64	gi|32307119|ref|NP_858063.1|	176	190	14472	19.21	19.75	18.21	34.22	19.21	21.24	12.18	11.03
64	gi|32307119|ref|NP_858063.1|	177	191	14473	18.87	18.87	16.52	28.73	19.93	19.18	14.3	10.94
64	gi|32307119|ref|NP_858063.1|	178	192	14474	18.46	21.59	18.34	30.81	18.46	22.73	14.3	13.52
64	gi|32307119|ref|NP_858063.1|	184	198	14475	13.94	3.87	13.94	12.18	32.03	14.56	27.3	5.2
64	gi|32307119|ref|NP_858063.1|	185	199	14476	12.45	3.02	18.38	12.18	31.22	12.45	23.74	4.99
64	gi|32307119|ref|NP_858063.1|	186	200	14477	13.35	3.01	23.66	12.18	39.95	13.35	23.16	5.02
64	gi|32307119|ref|NP_858063.1|	187	201	14478	14.6	2.99	22	11.61	58.51	14.6	21.42	5.98
64	gi|32307119|ref|NP_858063.1|	212	226	14479	12.33	12.33	2.14	9.17	17.83	14.45	46.7	2.44
64	gi|32307119|ref|NP_858063.1|	213	227	14480	3.97	2.9	1.36	9.17	17.72	3.97	46.7	2.44
64	gi|32307119|ref|NP_858063.1|	214	228	14481	2.66	2.66	0.94	9.17	16.42	1.57	46.7	2.02
64	gi|32307119|ref|NP_858063.1|	215	229	14482	2.48	2.48	0.66	9.17	15.11	0.64	64.69	1.21
64	gi|32307119|ref|NP_858063.1|	216	230	14483	2.46	2.46	0.68	9.17	23.25	0.86	67.05	1.59
64	gi|32307119|ref|NP_858063.1|	217	231	14484	3.57	3.57	0.88	16.25	33.85	2.06	67.05	2.22
64	gi|32307119|ref|NP_858063.1|	218	232	14485	8.23	5.73	1.29	17.62	50	8.23	47.29	2.44
64	gi|32307119|ref|NP_858063.1|	223	237	14486	11.01	4.37	22.24	9.49	20.62	14.22	9.72	11.01
64	gi|32307119|ref|NP_858063.1|	224	238	14487	11.21	4.37	25.87	9.45	20.62	12.39	9.44	11.21
64	gi|32307119|ref|NP_858063.1|	225	239	14488	11.74	4.37	28.21	11.74	20.62	16	11.71	10.79
64	gi|32307119|ref|NP_858063.1|	226	240	14489	14.61	3.54	32.37	14.61	20.62	17.17	11.71	11.19
64	gi|32307119|ref|NP_858063.1|	250	264	14490	17.87	17.96	7.39	17.87	2.79	24.83	47.5	17.8

Table 2

64	gi|32307119|ref|NP_858063.1|	251	265	14491	14.67	17.96	7.39	17.87	2.96	12.93	35.24	14.67
64	gi|32307119|ref|NP_858063.1|	252	266	14492	14.67	17.96	7.39	17.87	2.96	11.65	29.63	14.67
64	gi|32307119|ref|NP_858063.1|	253	267	14493	14.67	17.96	7.39	17.87	3.15	9.33	27.42	14.67
64	gi|32307119|ref|NP_858063.1|	254	268	14494	10.53	11.76	7.39	17.87	5.71	8.42	25.08	10.53
64	gi|32307119|ref|NP_858063.1|	255	269	14495	10.53	5.97	6.61	17.87	10.57	9.56	25.08	10.53
64	gi|32307119|ref|NP_858063.1|	256	270	14496	11.74	3.56	7.39	18.34	17.82	11.74	22.84	10.53
64	gi|32307119|ref|NP_858063.1|	257	271	14497	11.88	2.03	11.88	21.29	9.33	17.76	19.64	10.53
64	gi|32307119|ref|NP_858063.1|	258	272	14498	14.8	2.63	19.29	22.77	9.33	22.54	14.8	10.53
64	gi|32307119|ref|NP_858063.1|	261	275	14499	9.33	2.99	2.53	16.18	9.33	25.31	39.36	4.69
64	gi|32307119|ref|NP_858063.1|	262	276	14500	9.33	2.99	1.22	14.17	9.33	10.39	44.59	4.69
64	gi|32307119|ref|NP_858063.1|	263	277	14501	4.69	2.99	0.89	13.91	9.33	4.65	45.02	4.69
64	gi|32307119|ref|NP_858063.1|	264	278	14502	4.69	2.99	0.89	13.82	14.47	3.47	54.15	4.69
64	gi|32307119|ref|NP_858063.1|	265	279	14503	4.69	2.99	0.92	14.98	15.29	3.61	78.59	4.69
64	gi|32307119|ref|NP_858063.1|	266	280	14504	5.52	2.99	1.87	18.74	15.24	5.52	82.21	4.69
64	gi|32307119|ref|NP_858063.1|	267	281	14505	9.56	2.99	1.9	20.45	18.15	9.56	78.14	4.69
64	gi|32307119|ref|NP_858063.1|	268	282	14506	15.61	8.94	10.67	19.86	15.61	19.84	28.09	15.39
64	gi|32307119|ref|NP_858063.1|	269	283	14507	12.36	8.94	2.78	16.48	12.36	15.59	28.09	7.09
64	gi|32307119|ref|NP_858063.1|	270	284	14508	11.97	16.19	2.81	15.39	11.97	8.64	28.09	6.65
64	gi|32307119|ref|NP_858063.1|	271	285	14509	5.55	2.99	3.84	12.05	13.11	5.55	28.09	5.05
64	gi|32307119|ref|NP_858063.1|	272	286	14510	5.05	2.99	4.77	11.29	13.39	4.12	28.09	5.05
64	gi|32307119|ref|NP_858063.1|	273	287	14511	6.12	2.99	6.12	12.6	15.61	4.38	25.36	5.05
64	gi|32307119|ref|NP_858063.1|	274	288	14512	7.19	2.99	7.19	15.96	15.61	7.06	21.17	6.54
64	gi|32307119|ref|NP_858063.1|	275	289	14513	10.32	2.99	1.17	10.32	26.33	19.18	42.53	9.25
64	gi|32307119|ref|NP_858063.1|	276	290	14514	14.46	14.46	1.98	12.34	29	30.17	36.74	10.73
64	gi|32307119|ref|NP_858063.1|	277	291	14515	15.3	15.3	2.7	13.64	32.09	39.74	33.12	10.34
64	gi|32307119|ref|NP_858063.1|	279	293	14516	16.54	16.54	6.65	14.8	28.24	50.7	22.73	10.53
64	gi|32307119|ref|NP_858063.1|	296	310	14517	17.55	15.89	34.91	17.55	31.98	16.5	48.82	9.97
64	gi|32307119|ref|NP_858063.1|	297	311	14518	19.31	14.56	38.94	18.16	34.65	19.31	47.69	10.13
64	gi|32307119|ref|NP_858063.1|	298	312	14519	11.54	9.56	2.28	16.13	30.08	11.54	43.02	10.45
64	gi|32307119|ref|NP_858063.1|	299	313	14520	9.12	8.21	2.53	15.44	23.91	9.12	39.26	8.11
64	gi|32307119|ref|NP_858063.1|	300	314	14521	9.62	8.21	3.78	17.68	24.07	9.62	37.27	8.54
64	gi|32307119|ref|NP_858063.1|	301	315	14522	11.44	8.21	5.9	18.55	23.22	10.08	32.86	11.44
64	gi|32307119|ref|NP_858063.1|	302	316	14523	13.79	8.21	7.02	26.77	24.29	13.79	45.99	11.76
64	gi|32307119|ref|NP_858063.1|	328	342	14524	17.58	12.33	17.58	6.36	21.02	40.22	46.78	9.5
64	gi|32307119|ref|NP_858063.1|	329	343	14525	19.58	12.33	19.58	6.07	20.43	29.13	46.78	6.82
64	gi|32307119|ref|NP_858063.1|	330	344	14526	19.28	12.33	20.6	7.51	19.28	25.66	46.78	6.94
64	gi|32307119|ref|NP_858063.1|	331	345	14527	16.91	12.33	21.91	7.9	16.91	23.53	46.78	6.81
64	gi|32307119|ref|NP_858063.1|	332	346	14528	19.48	12.33	25.71	12.66	19.48	31.07	83.08	6.92
64	gi|32307119|ref|NP_858063.1|	336	350	14529	13.89	7.24	56.88	13.89	13.51	19.76	66.04	0.67
64	gi|32307119|ref|NP_858063.1|	337	351	14530	13.51	5.22	57.93	13.99	13.51	11.37	63.2	0.57
64	gi|32307119|ref|NP_858063.1|	338	352	14531	13.51	5.22	63.45	16.58	13.51	13.13	61.55	0.59
64	gi|32307119|ref|NP_858063.1|	339	353	14532	13.51	5.22	46.94	19.52	13.51	10.05	59.81	0.55
64	gi|32307119|ref|NP_858063.1|	340	354	14533	13.51	5.22	50.79	24.85	13.51	9.66	69.69	0.58
64	gi|32307119|ref|NP_858063.1|	341	355	14534	13.51	5.22	45.92	35.45	13.51	10.87	73.98	1.7
64	gi|32307119|ref|NP_858063.1|	361	375	14535	13.64	7.76	10.95	13.64	75.22	48.94	31.31	4.93
64	gi|32307119|ref|NP_858063.1|	362	376	14536	15.11	6.71	15.11	13.64	75.22	48.17	31.31	7.02
64	gi|32307119|ref|NP_858063.1|	363	377	14537	19.68	6.71	19.68	13.64	75.22	50.59	31.31	10.83
64	gi|32307119|ref|NP_858063.1|	364	378	14538	19.68	6.71	19.68	13.64	75.22	57.92	31.31	17.54

Table 2

64	gi|32307119|ref|NP_858063.1|	380	394	14539	17.8	2.22	46.7	60.4	9.14	61.7	15.9	17.8
64	gi|32307119|ref|NP_858063.1|	381	395	14540	17.8	2.03	46.7	44.12	3.86	50.4	15.5	17.8
64	gi|32307119|ref|NP_858063.1|	382	396	14541	19.15	2.1	50.88	32.6	4.48	41.51	19.15	17.8
64	gi|32307119|ref|NP_858063.1|	386	400	14542	19.47	6.51	26.91	24.97	17.1	19.47	24.48	17.8
64	gi|32307119|ref|NP_858063.1|	389	403	14543	15.03	10.25	9.57	22.3	56.28	28.92	15.03	14.94
64	gi|32307119|ref|NP_858063.1|	401	415	14544	15.69	12.14	3.84	15.69	57.61	33.15	34.58	6.8
64	gi|32307119|ref|NP_858063.1|	402	416	14545	15.33	12.14	3.37	15.33	45.35	15.94	34.58	6.27
64	gi|32307119|ref|NP_858063.1|	403	417	14546	11.05	12.14	1.06	11.05	29.87	8.99	34.58	5.79
64	gi|32307119|ref|NP_858063.1|	404	418	14547	10.79	12.14	1.22	10.79	22.71	6.83	34.58	5.84
64	gi|32307119|ref|NP_858063.1|	405	419	14548	11.3	12.14	1.69	11.3	21.08	7.44	34.58	8.41
64	gi|32307119|ref|NP_858063.1|	406	420	14549	12.14	12.14	2.67	13.85	5.89	12.61	23.08	9.64
64	gi|32307119|ref|NP_858063.1|	407	421	14550	13.57	12.14	8.57	17.83	5.89	26.26	19.93	13.57
65	gi|430727949|ref|NP_001258877.1|	15	29	14551	18.7	8.1	7.69	47.57	21.65	28.7	18.7	13.2
65	gi|430727949|ref|NP_001258877.1|	64	78	14552	15.12	32.89	0.15	6.54	36.99	15.12	44.75	6.18
65	gi|430727949|ref|NP_001258877.1|	65	79	14553	14.1	24.36	0.2	6.54	46.61	14.1	37.93	6.18
65	gi|430727949|ref|NP_001258877.1|	66	80	14554	8.98	8.98	0.31	6.54	55.54	12.18	29.96	6.18
65	gi|430727949|ref|NP_001258877.1|	67	81	14555	8.98	8.98	0.48	6.54	60.31	12.07	27.26	6.18
65	gi|430727949|ref|NP_001258877.1|	68	82	14556	11.87	8.98	0.74	11.87	61.16	16.48	23.93	6.18
65	gi|430727949|ref|NP_001258877.1|	69	83	14557	12	6.18	1.1	12	61.16	29.84	21.96	5.05
65	gi|430727949|ref|NP_001258877.1|	79	93	14558	17.96	28.76	44.83	17.96	47.09	12.49	0.3	7.46
65	gi|430727949|ref|NP_001258877.1|	80	94	14559	15.19	16.72	45.55	15.19	15.79	6.79	0.51	8.84
65	gi|430727949|ref|NP_001258877.1|	81	95	14560	13.37	16.01	50.91	13.37	15.79	4.54	1.14	7.46
65	gi|430727949|ref|NP_001258877.1|	82	96	14561	13.06	14.9	39.46	13.06	15.37	3.61	3.29	7.46
65	gi|430727949|ref|NP_001258877.1|	83	97	14562	12.66	18.05	19.68	14.21	12.66	2.98	6.21	7.46
65	gi|430727949|ref|NP_001258877.1|	84	98	14563	14.37	18.18	19.68	14.37	12.49	6.54	14.67	7.46
65	gi|430727949|ref|NP_001258877.1|	85	99	14564	19.68	31.04	19.68	25.92	12.87	12.82	47.26	9.97
65	gi|430727949|ref|NP_001258877.1|	89	103	14565	17.2	10.89	17.2	20.72	22.35	4.2	41.95	1.74
65	gi|430727949|ref|NP_001258877.1|	90	104	14566	10.89	10.89	5.89	19.34	19.86	1.09	36.73	1.65
65	gi|430727949|ref|NP_001258877.1|	91	105	14567	8.21	8.21	6.73	19.59	19.6	0.63	31.14	1.56
65	gi|430727949|ref|NP_001258877.1|	92	106	14568	5.34	3.96	5.34	20.2	16.22	0.52	26.01	1.54
65	gi|430727949|ref|NP_001258877.1|	93	107	14569	6.51	3.32	6.51	23.77	24.9	0.67	42.1	2.74
65	gi|430727949|ref|NP_001258877.1|	94	108	14570	7.96	2.94	7.96	36.26	34.98	2.02	60.22	4.85
65	gi|430727949|ref|NP_001258877.1|	95	109	14571	18.44	5.2	10.98	23.25	36.6	16.4	39.4	18.44
65	gi|430727949|ref|NP_001258877.1|	128	142	14572	13.24	7.72	9.97	8.51	45.71	34.83	13.24	29.06
65	gi|430727949|ref|NP_001258877.1|	129	143	14573	13.64	7.72	9.97	13.64	45.71	24.51	13.24	20.38
65	gi|430727949|ref|NP_001258877.1|	130	144	14574	13.64	7.72	9.97	13.64	45.71	25.3	13.24	20.38
65	gi|430727949|ref|NP_001258877.1|	131	145	14575	10.3	6.18	9.97	6.95	38.58	20.17	11.43	10.3
65	gi|430727949|ref|NP_001258877.1|	132	146	14576	11.25	6.18	11.65	7.18	33.71	22.94	11.25	10.48
65	gi|430727949|ref|NP_001258877.1|	133	147	14577	11.77	6.18	11.77	15.04	29.76	25.38	5	10.26
65	gi|430727949|ref|NP_001258877.1|	134	148	14578	14.99	11.91	12.15	14.99	26.97	33.89	3.69	15.1
65	gi|430727949|ref|NP_001258877.1|	135	149	14579	19.29	6.18	27.55	19.29	38.24	39.09	3.36	15.59
65	gi|430727949|ref|NP_001258877.1|	140	154	14580	17.41	13.99	46.23	39.25	17.41	58.12	16.49	9.69
65	gi|430727949|ref|NP_001258877.1|	142	156	14581	12.97	1.59	4.61	20.54	17.41	12.97	23.76	4.01
65	gi|430727949|ref|NP_001258877.1|	143	157	14582	5.4	4.01	3.88	20.09	17.41	4.86	23.34	5.4
65	gi|430727949|ref|NP_001258877.1|	144	158	14583	5.63	4.01	4.52	19.91	16.53	3.31	26.16	5.63
65	gi|430727949|ref|NP_001258877.1|	145	159	14584	7.03	4.01	6.2	20.52	17.41	3.47	27.34	7.03
65	gi|430727949|ref|NP_001258877.1|	146	160	14585	8.6	4.01	8.6	28.86	25.53	6.35	46.52	7.03
65	gi|430727949|ref|NP_001258877.1|	147	161	14586	12.45	4.01	10.53	30.49	28.45	12.45	28.03	7.03

Table 2

65	gi|430727949|ref|NP_001258877.1|	148	162	14587	17.13	14.41	14.56	17.13	45.46	43.29	23.26	7.03
65	gi|430727949|ref|NP_001258877.1|	151	165	14588	4.52	15.59	0.19	9.13	2.19	4.52	24.18	2.93
65	gi|430727949|ref|NP_001258877.1|	152	166	14589	2.4	15.53	0.19	8.11	2.13	1.9	35.93	2.4
65	gi|430727949|ref|NP_001258877.1|	153	167	14590	2.28	15.53	0.19	11.24	2.24	1.4	43.26	2.28
65	gi|430727949|ref|NP_001258877.1|	154	168	14591	2.26	15.58	0.18	10.85	2.26	1.18	25.52	2.05
65	gi|430727949|ref|NP_001258877.1|	155	169	14592	4.32	24.78	0.29	14.99	4.32	2.75	47.9	3.86
65	gi|430727949|ref|NP_001258877.1|	156	170	14593	8.19	38.43	0.56	13.85	7.96	8.19	47.9	4.01
65	gi|430727949|ref|NP_001258877.1|	157	171	14594	15.51	43.57	0.94	15.51	10.3	16.64	42.98	4.01
65	gi|430727949|ref|NP_001258877.1|	158	172	14595	19.3	25.99	10.37	19.3	10.3	15.58	33.9	21.15
65	gi|430727949|ref|NP_001258877.1|	159	173	14596	19.3	20.46	14.56	19.3	10.3	15.65	20.14	19.74
65	gi|430727949|ref|NP_001258877.1|	160	174	14597	14.66	14.6	14.66	19.3	10.3	13.04	17.4	19.74
65	gi|430727949|ref|NP_001258877.1|	161	175	14598	18.1	14.51	14.66	28.78	20.99	15.94	18.1	22.85
65	gi|430727949|ref|NP_001258877.1|	172	186	14599	15.72	15.72	6.45	40.7	0.14	17.4	72.58	7.46
65	gi|430727949|ref|NP_001258877.1|	173	187	14600	9.58	15.45	5.58	50.16	0.13	9.58	69.67	7.46
65	gi|430727949|ref|NP_001258877.1|	174	188	14601	7.51	11.66	6.75	53.39	0.13	7.51	60.67	7.46
65	gi|430727949|ref|NP_001258877.1|	175	189	14602	10.54	11.5	9.66	47.08	0.13	10.54	50.74	7.46
65	gi|430727949|ref|NP_001258877.1|	176	190	14603	11.74	11.2	11.74	37.67	0.23	15.03	45.55	7.46
65	gi|430727949|ref|NP_001258877.1|	177	191	14604	15.31	6.16	15.31	28.71	0.83	34.48	37.91	7.46
65	gi|430727949|ref|NP_001258877.1|	178	192	14605	19.56	10.36	72.16	19.56	1.13	60.89	14.83	26.03
65	gi|430727949|ref|NP_001258877.1|	179	193	14606	18.24	10.93	74.41	18.24	3.67	60.84	14.83	25.83
65	gi|430727949|ref|NP_001258877.1|	180	194	14607	18.54	18.54	74.41	16.7	3.61	59.68	14.83	25.96
65	gi|430727949|ref|NP_001258877.1|	181	195	14608	19.45	18.39	73.27	19.45	3.9	57.14	14.83	25.93
65	gi|430727949|ref|NP_001258877.1|	185	199	14609	19.21	19.75	18.21	34.22	19.21	21.24	12.18	11.03
65	gi|430727949|ref|NP_001258877.1|	186	200	14610	18.87	18.87	16.52	28.73	19.93	19.18	14.3	10.94
65	gi|430727949|ref|NP_001258877.1|	187	201	14611	18.46	21.59	18.34	30.81	18.46	22.73	14.3	13.52
65	gi|430727949|ref|NP_001258877.1|	193	207	14612	13.94	3.87	13.94	12.18	32.03	14.56	27.3	5.2
65	gi|430727949|ref|NP_001258877.1|	194	208	14613	12.45	3.02	18.38	12.18	31.22	12.45	23.74	4.99
65	gi|430727949|ref|NP_001258877.1|	195	209	14614	13.35	3.01	23.66	12.18	39.95	13.35	23.16	5.02
65	gi|430727949|ref|NP_001258877.1|	196	210	14615	14.6	2.99	22	11.61	58.51	14.6	21.42	5.98
65	gi|430727949|ref|NP_001258877.1|	221	235	14616	12.33	12.33	2.14	9.17	17.83	14.45	46.7	2.44
65	gi|430727949|ref|NP_001258877.1|	222	236	14617	3.97	2.9	1.36	9.17	17.72	3.97	46.7	2.44
65	gi|430727949|ref|NP_001258877.1|	223	237	14618	2.66	2.66	0.94	9.17	16.42	1.57	46.7	2.02
65	gi|430727949|ref|NP_001258877.1|	224	238	14619	2.48	2.48	0.66	9.17	15.11	0.64	64.69	1.21
65	gi|430727949|ref|NP_001258877.1|	225	239	14620	2.46	2.46	0.68	9.17	23.25	0.86	67.05	1.59
65	gi|430727949|ref|NP_001258877.1|	226	240	14621	3.57	3.57	0.88	16.25	33.85	2.06	67.05	2.22
65	gi|430727949|ref|NP_001258877.1|	227	241	14622	8.23	5.73	1.29	17.62	50	8.23	47.29	2.44
65	gi|430727949|ref|NP_001258877.1|	232	246	14623	11.01	4.37	22.24	9.49	20.62	14.22	9.72	11.01
65	gi|430727949|ref|NP_001258877.1|	233	247	14624	11.21	4.37	25.87	9.45	20.62	12.39	9.44	11.21
65	gi|430727949|ref|NP_001258877.1|	234	248	14625	11.74	4.37	28.21	11.74	20.62	16	11.71	10.79
65	gi|430727949|ref|NP_001258877.1|	235	249	14626	14.61	3.54	32.37	14.61	20.62	17.17	11.71	11.19
65	gi|430727949|ref|NP_001258877.1|	259	273	14627	17.87	17.96	7.39	17.87	2.79	24.83	47.5	17.8
65	gi|430727949|ref|NP_001258877.1|	260	274	14628	14.67	17.96	7.39	17.87	2.96	12.93	35.24	14.67
65	gi|430727949|ref|NP_001258877.1|	261	275	14629	14.67	17.96	7.39	17.87	2.96	11.65	29.63	14.67
65	gi|430727949|ref|NP_001258877.1|	262	276	14630	14.67	17.96	7.39	17.87	3.15	9.33	27.42	14.67
65	gi|430727949|ref|NP_001258877.1|	263	277	14631	10.53	11.76	7.39	17.87	5.71	8.42	25.08	10.53
65	gi|430727949|ref|NP_001258877.1|	264	278	14632	10.53	5.97	6.61	17.87	10.57	9.56	25.08	10.53
65	gi|430727949|ref|NP_001258877.1|	265	279	14633	11.74	3.56	7.39	18.34	17.82	11.74	22.84	10.53
65	gi|430727949|ref|NP_001258877.1|	266	280	14634	11.88	2.03	11.88	21.29	9.33	17.76	19.64	10.53

Table 2

65	gi|430727949|ref|NP_001258877.1|	267	281	14635	14.8	2.63	19.29	22.77	9.33	22.54	14.8	10.53
65	gi|430727949|ref|NP_001258877.1|	270	284	14636	9.33	2.99	2.53	16.18	9.33	25.31	39.36	4.69
65	gi|430727949|ref|NP_001258877.1|	271	285	14637	9.33	2.99	1.22	14.17	9.33	10.39	44.59	4.69
65	gi|430727949|ref|NP_001258877.1|	272	286	14638	4.69	2.99	0.89	13.91	9.33	4.65	45.02	4.69
65	gi|430727949|ref|NP_001258877.1|	273	287	14639	4.69	2.99	0.89	13.82	14.47	3.47	54.15	4.69
65	gi|430727949|ref|NP_001258877.1|	274	288	14640	4.69	2.99	0.92	14.98	15.29	3.61	78.59	4.69
65	gi|430727949|ref|NP_001258877.1|	275	289	14641	5.52	2.99	1.87	18.74	15.24	5.52	82.21	4.69
65	gi|430727949|ref|NP_001258877.1|	276	290	14642	9.56	2.99	1.9	20.45	18.15	9.56	78.14	4.69
65	gi|430727949|ref|NP_001258877.1|	277	291	14643	15.61	8.94	10.67	19.86	15.61	19.84	28.09	15.39
65	gi|430727949|ref|NP_001258877.1|	278	292	14644	12.36	8.94	2.78	16.48	12.36	15.59	28.09	7.09
65	gi|430727949|ref|NP_001258877.1|	279	293	14645	11.97	16.19	2.81	15.39	11.97	8.64	28.09	6.65
65	gi|430727949|ref|NP_001258877.1|	280	294	14646	5.55	2.99	3.84	12.05	13.11	5.55	28.09	5.05
65	gi|430727949|ref|NP_001258877.1|	281	295	14647	5.05	2.99	4.77	11.29	13.39	4.12	28.09	5.05
65	gi|430727949|ref|NP_001258877.1|	282	296	14648	6.12	2.99	6.12	12.6	15.61	4.38	25.36	5.05
65	gi|430727949|ref|NP_001258877.1|	283	297	14649	7.19	2.99	7.19	15.96	15.61	7.06	21.17	6.54
65	gi|430727949|ref|NP_001258877.1|	284	298	14650	10.32	2.99	1.17	10.32	26.33	19.18	42.53	9.25
65	gi|430727949|ref|NP_001258877.1|	285	299	14651	14.46	14.46	1.98	12.34	29	30.17	36.74	10.73
65	gi|430727949|ref|NP_001258877.1|	286	300	14652	15.3	15.3	2.7	13.64	32.09	39.74	33.12	10.34
65	gi|430727949|ref|NP_001258877.1|	288	302	14653	16.54	16.54	6.65	14.8	28.24	50.7	22.73	10.53
65	gi|430727949|ref|NP_001258877.1|	305	319	14654	17.55	15.89	34.91	17.55	31.98	16.5	48.82	9.97
65	gi|430727949|ref|NP_001258877.1|	306	320	14655	19.31	14.56	38.94	18.16	34.65	19.31	47.69	10.13
65	gi|430727949|ref|NP_001258877.1|	307	321	14656	11.54	9.56	2.28	16.13	30.08	11.54	43.02	10.45
65	gi|430727949|ref|NP_001258877.1|	308	322	14657	9.12	8.21	2.53	15.44	23.91	9.12	39.26	8.11
65	gi|430727949|ref|NP_001258877.1|	309	323	14658	9.62	8.21	3.78	17.68	24.07	9.62	37.27	8.54
65	gi|430727949|ref|NP_001258877.1|	310	324	14659	11.44	8.21	5.9	18.55	23.22	10.08	32.86	11.44
65	gi|430727949|ref|NP_001258877.1|	311	325	14660	13.79	8.21	7.02	26.77	24.29	13.79	45.99	11.76
65	gi|430727949|ref|NP_001258877.1|	337	351	14661	17.58	12.33	17.58	6.36	21.02	40.22	46.78	9.5
65	gi|430727949|ref|NP_001258877.1|	338	352	14662	19.58	12.33	19.58	6.07	20.43	29.13	46.78	6.82
65	gi|430727949|ref|NP_001258877.1|	339	353	14663	19.28	12.33	20.6	7.51	19.28	25.66	46.78	6.94
65	gi|430727949|ref|NP_001258877.1|	340	354	14664	16.91	12.33	21.91	7.9	16.91	23.53	46.78	6.81
65	gi|430727949|ref|NP_001258877.1|	341	355	14665	19.48	12.33	25.71	12.66	19.48	31.07	83.08	6.92
65	gi|430727949|ref|NP_001258877.1|	345	359	14666	13.89	7.24	56.88	13.89	13.51	19.76	66.04	0.67
65	gi|430727949|ref|NP_001258877.1|	346	360	14667	13.51	5.22	57.93	13.99	13.51	11.37	63.2	0.57
65	gi|430727949|ref|NP_001258877.1|	347	361	14668	13.51	5.22	63.45	16.58	13.51	13.13	61.55	0.59
65	gi|430727949|ref|NP_001258877.1|	348	362	14669	13.51	5.22	46.94	19.52	13.51	10.05	59.81	0.55
65	gi|430727949|ref|NP_001258877.1|	349	363	14670	13.51	5.22	50.79	24.85	13.51	9.66	69.69	0.58
65	gi|430727949|ref|NP_001258877.1|	350	364	14671	13.51	5.22	45.92	35.45	13.51	10.87	73.98	1.7
65	gi|430727949|ref|NP_001258877.1|	370	384	14672	13.64	7.76	10.95	13.64	75.22	48.94	31.31	4.93
65	gi|430727949|ref|NP_001258877.1|	371	385	14673	15.11	6.71	15.11	13.64	75.22	48.17	31.31	7.02
65	gi|430727949|ref|NP_001258877.1|	372	386	14674	19.68	6.71	19.68	13.64	75.22	50.59	31.31	10.83
65	gi|430727949|ref|NP_001258877.1|	373	387	14675	19.68	6.71	19.68	13.64	75.22	57.92	31.31	17.54
65	gi|430727949|ref|NP_001258877.1|	389	403	14676	17.8	2.22	46.7	60.4	9.14	61.7	15.9	17.8
65	gi|430727949|ref|NP_001258877.1|	390	404	14677	17.8	2.03	46.7	44.12	3.86	50.4	15.5	17.8
65	gi|430727949|ref|NP_001258877.1|	391	405	14678	19.15	2.1	50.88	32.6	4.48	41.51	19.15	17.8
65	gi|430727949|ref|NP_001258877.1|	395	409	14679	19.47	6.51	26.91	24.97	17.1	19.47	24.48	17.8
65	gi|430727949|ref|NP_001258877.1|	398	412	14680	15.03	10.25	9.57	22.3	56.28	28.92	15.03	14.94
65	gi|430727949|ref|NP_001258877.1|	410	424	14681	15.69	12.14	3.84	15.69	57.61	33.15	34.58	6.8
65	gi|430727949|ref|NP_001258877.1|	411	425	14682	15.33	12.14	3.37	15.33	45.35	15.94	34.58	6.27

Table 2

65	gi|430727949|ref|NP_001258877.1|	412	426	14683	11.05	12.14	1.06	11.05	29.87	8.99	34.58	5.79
65	gi|430727949|ref|NP_001258877.1|	413	427	14684	10.79	12.14	1.22	10.79	22.71	6.83	34.58	5.84
65	gi|430727949|ref|NP_001258877.1|	414	428	14685	11.3	12.14	1.69	11.3	21.08	7.44	34.58	8.41
65	gi|430727949|ref|NP_001258877.1|	415	429	14686	12.14	12.14	2.67	13.85	5.89	12.61	23.08	9.64
65	gi|430727949|ref|NP_001258877.1|	416	430	14687	13.57	12.14	8.57	17.83	5.89	26.26	19.93	13.57
66	gi|430727947|ref|NP_858061.2|	23	37	14688	17.37	10.42	18.82	14.94	35.69	17.89	17.37	16.02
66	gi|430727947|ref|NP_858061.2|	24	38	14689	17.48	11.24	19.25	18.77	35.69	17.42	17.48	16.46
66	gi|430727947|ref|NP_858061.2|	84	98	14690	10.5	4.01	10.5	6.85	41.05	72.37	72.16	6.18
66	gi|430727947|ref|NP_858061.2|	85	99	14691	10.5	4.01	10.5	6.6	39.96	71.19	28.96	6.36
66	gi|430727947|ref|NP_858061.2|	86	100	14692	10.5	4.01	10.5	6.46	42.48	69.82	28.96	6.23
66	gi|430727947|ref|NP_858061.2|	87	101	14693	10.5	4.01	10.5	6	45.91	54.22	16.73	5.98
66	gi|430727947|ref|NP_858061.2|	88	102	14694	10.5	4.01	10.5	7.01	13.76	32.78	14.1	4.83
66	gi|430727947|ref|NP_858061.2|	89	103	14695	13.19	4.38	16.6	13.19	13.76	23.26	8.34	8.57
66	gi|430727947|ref|NP_858061.2|	90	104	14696	8.76	4.01	8.76	13.93	13.76	16.15	5.56	8.25
66	gi|430727947|ref|NP_858061.2|	91	105	14697	8.92	3.99	2.7	15.76	13.76	11	3.98	8.92
66	gi|430727947|ref|NP_858061.2|	92	106	14698	9.09	3.99	3.95	15.5	13.76	10.58	3.61	9.09
66	gi|430727947|ref|NP_858061.2|	93	107	14699	12.3	3.99	5.38	18.75	13.76	12.3	2.54	13.57
66	gi|430727947|ref|NP_858061.2|	94	108	14700	13.76	3.99	8.28	21.73	13.76	18.46	2.5	14
66	gi|430727947|ref|NP_858061.2|	95	109	14701	17.33	3.99	14.15	21.47	58.64	26.62	3.08	17.33
66	gi|430727947|ref|NP_858061.2|	114	128	14702	10.98	5.2	14.43	10.98	0.9	12.67	22.35	7.46
66	gi|430727947|ref|NP_858061.2|	115	129	14703	7.46	5.2	16.57	10.98	0.72	7.44	54.99	7.46
66	gi|430727947|ref|NP_858061.2|	116	130	14704	7.46	5.2	17.06	10.98	0.62	4.75	54.99	7.46
66	gi|430727947|ref|NP_858061.2|	117	131	14705	10.98	5.2	17.06	10.98	0.5	6.32	54.99	11.66
66	gi|430727947|ref|NP_858061.2|	118	132	14706	10.98	5.2	17.06	10.98	0.91	7.57	54.99	11.66
66	gi|430727947|ref|NP_858061.2|	119	133	14707	12.57	5.2	15.58	23.17	1.66	12.57	54.99	11.66
66	gi|430727947|ref|NP_858061.2|	120	134	14708	17.06	5.2	17.06	23.5	3.02	36.01	54.99	11.66
66	gi|430727947|ref|NP_858061.2|	132	146	14709	18.7	8.1	7.69	47.57	21.65	28.7	18.7	13.2
66	gi|430727947|ref|NP_858061.2|	181	195	14710	15.12	32.89	0.15	6.54	36.99	15.12	44.75	6.18
66	gi|430727947|ref|NP_858061.2|	182	196	14711	14.1	24.36	0.2	6.54	46.61	14.1	37.93	6.18
66	gi|430727947|ref|NP_858061.2|	183	197	14712	8.98	8.98	0.31	6.54	55.54	12.18	29.96	6.18
66	gi|430727947|ref|NP_858061.2|	184	198	14713	8.98	8.98	0.48	6.54	60.31	12.07	27.26	6.18
66	gi|430727947|ref|NP_858061.2|	185	199	14714	11.87	8.98	0.74	11.87	61.16	16.48	23.93	6.18
66	gi|430727947|ref|NP_858061.2|	186	200	14715	12	6.18	1.1	12	61.16	29.84	21.96	5.05
66	gi|430727947|ref|NP_858061.2|	196	210	14716	17.96	28.76	44.83	17.96	47.09	12.49	0.3	7.46
66	gi|430727947|ref|NP_858061.2|	197	211	14717	15.19	16.72	45.55	15.19	15.79	6.79	0.51	8.84
66	gi|430727947|ref|NP_858061.2|	198	212	14718	13.37	16.01	50.91	13.37	15.79	4.54	1.14	7.46
66	gi|430727947|ref|NP_858061.2|	199	213	14719	13.06	14.9	39.46	13.06	15.37	3.61	3.29	7.46
66	gi|430727947|ref|NP_858061.2|	200	214	14720	12.66	18.05	19.68	14.21	12.66	2.98	6.21	7.46
66	gi|430727947|ref|NP_858061.2|	201	215	14721	14.37	18.18	19.68	14.37	12.49	6.54	14.67	7.46
66	gi|430727947|ref|NP_858061.2|	202	216	14722	19.68	31.04	19.68	25.92	12.87	12.82	47.26	9.97
66	gi|430727947|ref|NP_858061.2|	206	220	14723	17.2	10.89	17.2	20.72	22.35	4.2	41.95	1.74
66	gi|430727947|ref|NP_858061.2|	207	221	14724	10.89	10.89	5.89	19.34	19.86	1.09	36.73	1.65
66	gi|430727947|ref|NP_858061.2|	208	222	14725	8.21	8.21	6.73	19.59	19.6	0.63	31.14	1.56
66	gi|430727947|ref|NP_858061.2|	209	223	14726	5.34	3.96	5.34	20.2	16.22	0.52	26.01	1.54
66	gi|430727947|ref|NP_858061.2|	210	224	14727	6.51	3.32	6.51	23.77	24.9	0.67	42.1	2.74
66	gi|430727947|ref|NP_858061.2|	211	225	14728	7.96	2.94	7.96	36.26	34.98	2.02	60.22	4.85
66	gi|430727947|ref|NP_858061.2|	212	226	14729	18.44	5.2	10.98	23.25	36.6	16.4	39.4	18.44
66	gi|430727947|ref|NP_858061.2|	245	259	14730	13.24	7.72	9.97	8.51	45.71	34.83	13.24	29.06

Table 2

66	gi|430727947|ref|NP_858061.2|	246	260	14731	13.64	7.72	9.97	13.64	45.71	24.51	13.24	20.38
66	gi|430727947|ref|NP_858061.2|	247	261	14732	13.64	7.72	9.97	13.64	45.71	25.3	13.24	20.38
66	gi|430727947|ref|NP_858061.2|	248	262	14733	10.3	6.18	9.97	6.95	38.58	20.17	11.43	10.3
66	gi|430727947|ref|NP_858061.2|	249	263	14734	11.25	6.18	11.65	7.18	33.71	22.94	11.25	10.48
66	gi|430727947|ref|NP_858061.2|	250	264	14735	11.77	6.18	11.77	15.04	29.76	25.38	5	10.26
66	gi|430727947|ref|NP_858061.2|	251	265	14736	14.99	11.91	12.15	14.99	26.97	33.89	3.69	15.1
66	gi|430727947|ref|NP_858061.2|	252	266	14737	19.29	6.18	27.55	19.29	38.24	39.09	3.36	15.59
66	gi|430727947|ref|NP_858061.2|	257	271	14738	17.41	13.99	46.23	39.25	17.41	58.12	16.49	9.69
66	gi|430727947|ref|NP_858061.2|	259	273	14739	12.97	1.59	4.61	20.54	17.41	12.97	23.76	4.01
66	gi|430727947|ref|NP_858061.2|	260	274	14740	5.4	4.01	3.88	20.09	17.41	4.86	23.34	5.4
66	gi|430727947|ref|NP_858061.2|	261	275	14741	5.63	4.01	4.52	19.91	16.53	3.31	26.16	5.63
66	gi|430727947|ref|NP_858061.2|	262	276	14742	7.03	4.01	6.2	20.52	17.41	3.47	27.34	7.03
66	gi|430727947|ref|NP_858061.2|	263	277	14743	8.6	4.01	8.6	28.86	25.53	6.35	46.52	7.03
66	gi|430727947|ref|NP_858061.2|	264	278	14744	12.45	4.01	10.53	30.49	28.45	12.45	28.03	7.03
66	gi|430727947|ref|NP_858061.2|	265	279	14745	17.13	14.41	14.56	17.13	45.46	43.29	23.26	7.03
66	gi|430727947|ref|NP_858061.2|	268	282	14746	4.52	15.59	0.19	9.13	2.19	4.52	24.18	2.93
66	gi|430727947|ref|NP_858061.2|	269	283	14747	2.4	15.53	0.19	8.11	2.13	1.9	35.93	2.4
66	gi|430727947|ref|NP_858061.2|	270	284	14748	2.28	15.53	0.19	11.24	2.24	1.4	43.26	2.28
66	gi|430727947|ref|NP_858061.2|	271	285	14749	2.26	15.58	0.18	10.85	2.26	1.18	25.52	2.05
66	gi|430727947|ref|NP_858061.2|	272	286	14750	4.32	24.78	0.29	14.99	4.32	2.75	47.9	3.86
66	gi|430727947|ref|NP_858061.2|	273	287	14751	8.19	38.43	0.56	13.85	7.96	8.19	47.9	4.01
66	gi|430727947|ref|NP_858061.2|	274	288	14752	15.51	43.57	0.94	15.51	10.3	16.64	42.98	4.01
66	gi|430727947|ref|NP_858061.2|	275	289	14753	19.3	25.99	10.37	19.3	10.3	15.58	33.9	21.15
66	gi|430727947|ref|NP_858061.2|	276	290	14754	19.3	20.46	14.56	19.3	10.3	15.65	20.14	19.74
66	gi|430727947|ref|NP_858061.2|	277	291	14755	14.66	14.6	14.66	19.3	10.3	13.04	17.4	19.74
66	gi|430727947|ref|NP_858061.2|	278	292	14756	18.1	14.51	14.66	28.78	20.99	15.94	18.1	22.85
66	gi|430727947|ref|NP_858061.2|	289	303	14757	15.72	15.72	6.45	40.7	0.14	17.4	72.58	7.46
66	gi|430727947|ref|NP_858061.2|	290	304	14758	9.58	15.45	5.58	50.16	0.13	9.58	69.67	7.46
66	gi|430727947|ref|NP_858061.2|	291	305	14759	7.51	11.66	6.75	53.39	0.13	7.51	60.67	7.46
66	gi|430727947|ref|NP_858061.2|	292	306	14760	10.54	11.5	9.66	47.08	0.13	10.54	50.74	7.46
66	gi|430727947|ref|NP_858061.2|	293	307	14761	11.74	11.2	11.74	37.67	0.23	15.03	45.55	7.46
66	gi|430727947|ref|NP_858061.2|	294	308	14762	15.31	6.16	15.31	28.71	0.83	34.48	37.91	7.46
66	gi|430727947|ref|NP_858061.2|	295	309	14763	19.56	10.36	72.16	19.56	1.13	60.89	14.83	26.03
66	gi|430727947|ref|NP_858061.2|	296	310	14764	18.24	10.93	74.41	18.24	3.67	60.84	14.83	25.83
66	gi|430727947|ref|NP_858061.2|	297	311	14765	18.54	18.54	74.41	16.7	3.61	59.68	14.83	25.96
66	gi|430727947|ref|NP_858061.2|	298	312	14766	19.45	18.39	73.27	19.45	3.9	57.14	14.83	25.93
66	gi|430727947|ref|NP_858061.2|	302	316	14767	19.21	19.75	18.21	34.22	19.21	21.24	12.18	11.03
66	gi|430727947|ref|NP_858061.2|	303	317	14768	18.87	18.87	16.52	28.73	19.93	19.18	14.3	10.94
66	gi|430727947|ref|NP_858061.2|	304	318	14769	18.46	21.59	18.34	30.81	18.46	22.73	14.3	13.52
66	gi|430727947|ref|NP_858061.2|	310	324	14770	13.94	3.87	13.94	12.18	32.03	14.56	27.3	5.2
66	gi|430727947|ref|NP_858061.2|	311	325	14771	12.45	3.02	18.38	12.18	31.22	12.45	23.74	4.99
66	gi|430727947|ref|NP_858061.2|	312	326	14772	13.35	3.01	23.66	12.18	39.95	13.35	23.16	5.02
66	gi|430727947|ref|NP_858061.2|	313	327	14773	14.6	2.99	22	11.61	58.51	14.6	21.42	5.98
66	gi|430727947|ref|NP_858061.2|	338	352	14774	12.33	12.33	2.14	9.17	17.83	14.45	46.7	2.44
66	gi|430727947|ref|NP_858061.2|	339	353	14775	3.97	2.9	1.36	9.17	17.72	3.97	46.7	2.44
66	gi|430727947|ref|NP_858061.2|	340	354	14776	2.66	2.66	0.94	9.17	16.42	1.57	46.7	2.02
66	gi|430727947|ref|NP_858061.2|	341	355	14777	2.48	2.48	0.66	9.17	15.11	0.64	64.69	1.21
66	gi|430727947|ref|NP_858061.2|	342	356	14778	2.46	2.46	0.68	9.17	23.25	0.86	67.05	1.59

Table 2

66	gi|430727947|ref|NP_858061.2|	343	357	14779	3.57	3.57	0.88	16.25	33.85	2.06	67.05	2.22
66	gi|430727947|ref|NP_858061.2|	344	358	14780	8.23	5.73	1.29	17.62	50	8.23	47.29	2.44
66	gi|430727947|ref|NP_858061.2|	349	363	14781	11.01	4.37	22.24	9.49	20.62	14.22	9.72	11.01
66	gi|430727947|ref|NP_858061.2|	350	364	14782	11.21	4.37	25.87	9.45	20.62	12.39	9.44	11.21
66	gi|430727947|ref|NP_858061.2|	351	365	14783	11.74	4.37	28.21	11.74	20.62	16	11.71	10.79
66	gi|430727947|ref|NP_858061.2|	352	366	14784	14.61	3.54	32.37	14.61	20.62	17.17	11.71	11.19
66	gi|430727947|ref|NP_858061.2|	376	390	14785	17.87	17.96	7.39	17.87	2.79	24.83	47.5	17.8
66	gi|430727947|ref|NP_858061.2|	377	391	14786	14.67	17.96	7.39	17.87	2.96	12.93	35.24	14.67
66	gi|430727947|ref|NP_858061.2|	378	392	14787	14.67	17.96	7.39	17.87	2.96	11.65	29.63	14.67
66	gi|430727947|ref|NP_858061.2|	379	393	14788	14.67	17.96	7.39	17.87	3.15	9.33	27.42	14.67
66	gi|430727947|ref|NP_858061.2|	380	394	14789	10.53	11.76	7.39	17.87	5.71	8.42	25.08	10.53
66	gi|430727947|ref|NP_858061.2|	381	395	14790	10.53	5.97	6.61	17.87	10.57	9.56	25.08	10.53
66	gi|430727947|ref|NP_858061.2|	382	396	14791	11.74	3.56	7.39	18.34	17.82	11.74	22.84	10.53
66	gi|430727947|ref|NP_858061.2|	383	397	14792	11.88	2.03	11.88	21.29	9.33	17.76	19.64	10.53
66	gi|430727947|ref|NP_858061.2|	384	398	14793	14.8	2.63	19.29	22.77	9.33	22.54	14.8	10.53
66	gi|430727947|ref|NP_858061.2|	387	401	14794	9.33	2.99	2.53	16.18	9.33	25.31	39.36	4.69
66	gi|430727947|ref|NP_858061.2|	388	402	14795	9.33	2.99	1.22	14.17	9.33	10.39	44.59	4.69
66	gi|430727947|ref|NP_858061.2|	389	403	14796	4.69	2.99	0.89	13.91	9.33	4.65	45.02	4.69
66	gi|430727947|ref|NP_858061.2|	390	404	14797	4.69	2.99	0.89	13.82	14.47	3.47	54.15	4.69
66	gi|430727947|ref|NP_858061.2|	391	405	14798	4.69	2.99	0.92	14.98	15.29	3.61	78.59	4.69
66	gi|430727947|ref|NP_858061.2|	392	406	14799	5.52	2.99	1.87	18.74	15.24	5.52	82.21	4.69
66	gi|430727947|ref|NP_858061.2|	393	407	14800	9.56	2.99	1.9	20.45	18.15	9.56	78.14	4.69
66	gi|430727947|ref|NP_858061.2|	394	408	14801	15.61	8.94	10.67	19.86	15.61	19.84	28.09	15.39
66	gi|430727947|ref|NP_858061.2|	395	409	14802	12.36	8.94	2.78	16.48	12.36	15.59	28.09	7.09
66	gi|430727947|ref|NP_858061.2|	396	410	14803	11.97	16.19	2.81	15.39	11.97	8.64	28.09	6.65
66	gi|430727947|ref|NP_858061.2|	397	411	14804	5.55	2.99	3.84	12.05	13.11	5.55	28.09	5.05
66	gi|430727947|ref|NP_858061.2|	398	412	14805	5.05	2.99	4.77	11.29	13.39	4.12	28.09	5.05
66	gi|430727947|ref|NP_858061.2|	399	413	14806	6.12	2.99	6.12	12.6	15.61	4.38	25.36	5.05
66	gi|430727947|ref|NP_858061.2|	400	414	14807	7.19	2.99	7.19	15.96	15.61	7.06	21.17	6.54
66	gi|430727947|ref|NP_858061.2|	401	415	14808	10.32	2.99	1.17	10.32	26.33	19.18	42.53	9.25
66	gi|430727947|ref|NP_858061.2|	402	416	14809	14.46	14.46	1.98	12.34	29	30.17	36.74	10.73
66	gi|430727947|ref|NP_858061.2|	403	417	14810	15.3	15.3	2.7	13.64	32.09	39.74	33.12	10.34
66	gi|430727947|ref|NP_858061.2|	405	419	14811	16.54	16.54	6.65	14.8	28.24	50.7	22.73	10.53
66	gi|430727947|ref|NP_858061.2|	422	436	14812	17.55	15.89	34.91	17.55	31.98	16.5	48.82	9.97
66	gi|430727947|ref|NP_858061.2|	423	437	14813	19.31	14.56	38.94	18.16	34.65	19.31	47.69	10.13
66	gi|430727947|ref|NP_858061.2|	424	438	14814	11.54	9.56	2.28	16.13	30.08	11.54	43.02	10.45
66	gi|430727947|ref|NP_858061.2|	425	439	14815	9.12	8.21	2.53	15.44	23.91	9.12	39.26	8.11
66	gi|430727947|ref|NP_858061.2|	426	440	14816	9.62	8.21	3.78	17.68	24.07	9.62	37.27	8.54
66	gi|430727947|ref|NP_858061.2|	427	441	14817	11.44	8.21	5.9	18.55	23.22	10.08	32.86	11.44
66	gi|430727947|ref|NP_858061.2|	428	442	14818	13.79	8.21	7.02	26.77	24.29	13.79	45.99	11.76
66	gi|430727947|ref|NP_858061.2|	454	468	14819	17.58	12.33	17.58	6.36	21.02	40.22	46.78	9.5
66	gi|430727947|ref|NP_858061.2|	455	469	14820	19.58	12.33	19.58	6.07	20.43	29.13	46.78	6.82
66	gi|430727947|ref|NP_858061.2|	456	470	14821	19.28	12.33	20.6	7.51	19.28	25.66	46.78	6.94
66	gi|430727947|ref|NP_858061.2|	457	471	14822	16.91	12.33	21.91	7.9	16.91	23.53	46.78	6.81
66	gi|430727947|ref|NP_858061.2|	458	472	14823	19.48	12.33	25.71	12.66	19.48	31.07	83.08	6.92
66	gi|430727947|ref|NP_858061.2|	462	476	14824	13.89	7.24	56.88	13.89	13.51	19.76	66.04	0.67
66	gi|430727947|ref|NP_858061.2|	463	477	14825	13.51	5.22	57.93	13.99	13.51	11.37	63.2	0.57
66	gi|430727947|ref|NP_858061.2|	464	478	14826	13.51	5.22	63.45	16.58	13.51	13.13	61.55	0.59

Table 2

66	gi|430727947|ref|NP_858061.2|	465	479	14827	13.51	5.22	46.94	19.52	13.51	10.05	59.81	0.55
66	gi|430727947|ref|NP_858061.2|	466	480	14828	13.51	5.22	50.79	24.85	13.51	9.66	69.69	0.58
66	gi|430727947|ref|NP_858061.2|	467	481	14829	13.51	5.22	45.92	35.45	13.51	10.87	73.98	1.7
66	gi|430727947|ref|NP_858061.2|	487	501	14830	13.64	7.76	10.95	13.64	75.22	48.94	31.31	4.93
66	gi|430727947|ref|NP_858061.2|	488	502	14831	15.11	6.71	15.11	13.64	75.22	48.17	31.31	7.02
66	gi|430727947|ref|NP_858061.2|	489	503	14832	19.68	6.71	19.68	13.64	75.22	50.59	31.31	10.83
66	gi|430727947|ref|NP_858061.2|	490	504	14833	19.68	6.71	19.68	13.64	75.22	57.92	31.31	17.54
66	gi|430727947|ref|NP_858061.2|	506	520	14834	17.8	2.22	46.7	60.4	9.14	61.7	15.9	17.8
66	gi|430727947|ref|NP_858061.2|	507	521	14835	17.8	2.03	46.7	44.12	3.86	50.4	15.5	17.8
66	gi|430727947|ref|NP_858061.2|	508	522	14836	19.15	2.1	50.88	32.6	4.48	41.51	19.15	17.8
66	gi|430727947|ref|NP_858061.2|	512	526	14837	19.47	6.51	26.91	24.97	17.1	19.47	24.48	17.8
66	gi|430727947|ref|NP_858061.2|	515	529	14838	15.03	10.25	9.57	22.3	56.28	28.92	15.03	14.94
66	gi|430727947|ref|NP_858061.2|	527	541	14839	15.69	12.14	3.84	15.69	57.61	33.15	34.58	6.8
66	gi|430727947|ref|NP_858061.2|	528	542	14840	15.33	12.14	3.37	15.33	45.35	15.94	34.58	6.27
66	gi|430727947|ref|NP_858061.2|	529	543	14841	11.05	12.14	1.06	11.05	29.87	8.99	34.58	5.79
66	gi|430727947|ref|NP_858061.2|	530	544	14842	10.79	12.14	1.22	10.79	22.71	6.83	34.58	5.84
66	gi|430727947|ref|NP_858061.2|	531	545	14843	11.3	12.14	1.69	11.3	21.08	7.44	34.58	8.41
66	gi|430727947|ref|NP_858061.2|	532	546	14844	12.14	12.14	2.67	13.85	5.89	12.61	23.08	9.64
66	gi|430727947|ref|NP_858061.2|	533	547	14845	13.57	12.14	8.57	17.83	5.89	26.26	19.93	13.57
67	gi|430727962|ref|NP_001258829.1|	36	50	14846	10.5	4.01	10.5	6.85	41.05	72.37	72.16	6.18
67	gi|430727962|ref|NP_001258829.1|	37	51	14847	10.5	4.01	10.5	6.6	39.96	71.19	28.96	6.36
67	gi|430727962|ref|NP_001258829.1|	38	52	14848	10.5	4.01	10.5	6.46	42.48	69.82	28.96	6.23
67	gi|430727962|ref|NP_001258829.1|	39	53	14849	10.5	4.01	10.5	6	45.91	54.22	16.73	5.98
67	gi|430727962|ref|NP_001258829.1|	40	54	14850	10.5	4.01	10.5	7.01	13.76	32.78	14.1	4.83
67	gi|430727962|ref|NP_001258829.1|	41	55	14851	13.19	4.38	16.6	13.19	13.76	23.26	8.34	8.57
67	gi|430727962|ref|NP_001258829.1|	42	56	14852	8.76	4.01	8.76	13.93	13.76	16.15	5.56	8.25
67	gi|430727962|ref|NP_001258829.1|	43	57	14853	8.92	3.99	2.7	15.76	13.76	11	3.98	8.92
67	gi|430727962|ref|NP_001258829.1|	44	58	14854	9.09	3.99	3.95	15.5	13.76	10.58	3.61	9.09
67	gi|430727962|ref|NP_001258829.1|	45	59	14855	12.3	3.99	5.38	18.75	13.76	12.3	2.54	13.57
67	gi|430727962|ref|NP_001258829.1|	46	60	14856	13.76	3.99	8.28	21.73	13.76	18.46	2.5	14
67	gi|430727962|ref|NP_001258829.1|	47	61	14857	17.33	3.99	14.15	21.47	58.64	26.62	3.08	17.33
67	gi|430727962|ref|NP_001258829.1|	66	80	14858	10.98	5.2	14.43	10.98	0.9	12.67	22.35	7.46
67	gi|430727962|ref|NP_001258829.1|	67	81	14859	7.46	5.2	16.57	10.98	0.72	7.44	54.99	7.46
67	gi|430727962|ref|NP_001258829.1|	68	82	14860	7.46	5.2	17.06	10.98	0.62	4.75	54.99	7.46
67	gi|430727962|ref|NP_001258829.1|	69	83	14861	10.98	5.2	17.06	10.98	0.5	6.32	54.99	11.66
67	gi|430727962|ref|NP_001258829.1|	70	84	14862	10.98	5.2	17.06	10.98	0.91	7.57	54.99	11.66
67	gi|430727962|ref|NP_001258829.1|	71	85	14863	12.57	5.2	15.58	23.17	1.66	12.57	54.99	11.66
67	gi|430727962|ref|NP_001258829.1|	72	86	14864	17.06	5.2	17.06	23.5	3.02	36.01	54.99	11.66
67	gi|430727962|ref|NP_001258829.1|	84	98	14865	18.7	8.1	7.69	47.57	21.65	28.7	18.7	13.2
67	gi|430727962|ref|NP_001258829.1|	133	147	14866	15.12	32.89	0.15	6.54	36.99	15.12	44.75	6.18
67	gi|430727962|ref|NP_001258829.1|	134	148	14867	14.1	24.36	0.2	6.54	46.61	14.1	37.93	6.18
67	gi|430727962|ref|NP_001258829.1|	135	149	14868	8.98	8.98	0.31	6.54	55.54	12.18	29.96	6.18
67	gi|430727962|ref|NP_001258829.1|	136	150	14869	8.98	8.98	0.48	6.54	60.31	12.07	27.26	6.18
67	gi|430727962|ref|NP_001258829.1|	137	151	14870	11.87	8.98	0.74	11.87	61.16	16.48	23.93	6.18
67	gi|430727962|ref|NP_001258829.1|	138	152	14871	12	6.18	1.1	12	61.16	29.84	21.96	5.05
67	gi|430727962|ref|NP_001258829.1|	148	162	14872	17.96	28.76	44.83	17.96	47.09	12.49	0.3	7.46
67	gi|430727962|ref|NP_001258829.1|	149	163	14873	15.19	16.72	45.55	15.19	15.79	6.79	0.51	8.84
67	gi|430727962|ref|NP_001258829.1|	150	164	14874	13.37	16.01	50.91	13.37	15.79	4.54	1.14	7.46

Table 2

67	gi|430727962|ref|NP_001258829.1|	151	165	14875	13.06	14.9	39.46	13.06	15.37	3.61	3.29	7.46
67	gi|430727962|ref|NP_001258829.1|	152	166	14876	12.66	18.05	19.68	14.21	12.66	2.98	6.21	7.46
67	gi|430727962|ref|NP_001258829.1|	153	167	14877	14.37	18.18	19.68	14.37	12.49	6.54	14.67	7.46
67	gi|430727962|ref|NP_001258829.1|	154	168	14878	19.68	31.04	19.68	25.92	12.87	12.82	47.26	9.97
67	gi|430727962|ref|NP_001258829.1|	158	172	14879	17.2	10.89	17.2	20.72	22.35	4.2	41.95	1.74
67	gi|430727962|ref|NP_001258829.1|	159	173	14880	10.89	10.89	5.89	19.34	19.86	1.09	36.73	1.65
67	gi|430727962|ref|NP_001258829.1|	160	174	14881	8.21	8.21	6.73	19.59	19.6	0.63	31.14	1.56
67	gi|430727962|ref|NP_001258829.1|	161	175	14882	5.34	3.96	5.34	20.2	16.22	0.52	26.01	1.54
67	gi|430727962|ref|NP_001258829.1|	162	176	14883	6.51	3.32	6.51	23.77	24.9	0.67	42.1	2.74
67	gi|430727962|ref|NP_001258829.1|	163	177	14884	7.96	2.94	7.96	36.26	34.98	2.02	60.22	4.85
67	gi|430727962|ref|NP_001258829.1|	164	178	14885	18.44	5.2	10.98	23.25	36.6	16.4	39.4	18.44
67	gi|430727962|ref|NP_001258829.1|	197	211	14886	13.24	7.72	9.97	8.51	45.71	34.83	13.24	29.06
67	gi|430727962|ref|NP_001258829.1|	198	212	14887	13.64	7.72	9.97	13.64	45.71	24.51	13.24	20.38
67	gi|430727962|ref|NP_001258829.1|	199	213	14888	13.64	7.72	9.97	13.64	45.71	25.3	13.24	20.38
67	gi|430727962|ref|NP_001258829.1|	200	214	14889	10.3	6.18	9.97	6.95	38.58	20.17	11.43	10.3
67	gi|430727962|ref|NP_001258829.1|	201	215	14890	11.25	6.18	11.65	7.18	33.71	22.94	11.25	10.48
67	gi|430727962|ref|NP_001258829.1|	202	216	14891	11.77	6.18	11.77	15.04	29.76	25.38	5	10.26
67	gi|430727962|ref|NP_001258829.1|	203	217	14892	14.99	11.91	12.15	14.99	26.97	33.89	3.69	15.1
67	gi|430727962|ref|NP_001258829.1|	204	218	14893	19.29	6.18	27.55	19.29	38.24	39.09	3.36	15.59
67	gi|430727962|ref|NP_001258829.1|	209	223	14894	17.41	13.99	46.23	39.25	17.41	58.12	16.49	9.69
67	gi|430727962|ref|NP_001258829.1|	211	225	14895	12.97	1.59	4.61	20.54	17.41	12.97	23.76	4.01
67	gi|430727962|ref|NP_001258829.1|	212	226	14896	5.4	4.01	3.88	20.09	17.41	4.86	23.34	5.4
67	gi|430727962|ref|NP_001258829.1|	213	227	14897	5.63	4.01	4.52	19.91	16.53	3.31	26.16	5.63
67	gi|430727962|ref|NP_001258829.1|	214	228	14898	7.03	4.01	6.2	20.52	17.41	3.47	27.34	7.03
67	gi|430727962|ref|NP_001258829.1|	215	229	14899	8.6	4.01	8.6	28.86	25.53	6.35	46.52	7.03
67	gi|430727962|ref|NP_001258829.1|	216	230	14900	12.45	4.01	10.53	30.49	28.45	12.45	28.03	7.03
67	gi|430727962|ref|NP_001258829.1|	217	231	14901	17.13	14.41	14.56	17.13	45.46	43.29	23.26	7.03
67	gi|430727962|ref|NP_001258829.1|	220	234	14902	4.52	15.59	0.19	9.13	2.19	4.52	24.18	2.93
67	gi|430727962|ref|NP_001258829.1|	221	235	14903	2.4	15.53	0.19	8.11	2.13	1.9	35.93	2.4
67	gi|430727962|ref|NP_001258829.1|	222	236	14904	2.28	15.53	0.19	11.24	2.24	1.4	43.26	2.28
67	gi|430727962|ref|NP_001258829.1|	223	237	14905	2.26	15.58	0.18	10.85	2.26	1.18	25.52	2.05
67	gi|430727962|ref|NP_001258829.1|	224	238	14906	4.32	24.78	0.29	14.99	4.32	2.75	47.9	3.86
67	gi|430727962|ref|NP_001258829.1|	225	239	14907	8.19	38.43	0.56	13.85	7.96	8.19	47.9	4.01
67	gi|430727962|ref|NP_001258829.1|	226	240	14908	15.51	43.57	0.94	15.51	10.3	16.64	42.98	4.01
67	gi|430727962|ref|NP_001258829.1|	227	241	14909	19.3	25.99	10.37	19.3	10.3	15.58	33.9	21.15
67	gi|430727962|ref|NP_001258829.1|	228	242	14910	19.3	20.46	14.56	19.3	10.3	15.65	20.14	19.74
67	gi|430727962|ref|NP_001258829.1|	229	243	14911	14.66	14.6	14.66	19.3	10.3	13.04	17.4	19.74
67	gi|430727962|ref|NP_001258829.1|	230	244	14912	18.1	14.51	14.66	28.78	20.99	15.94	18.1	22.85
67	gi|430727962|ref|NP_001258829.1|	241	255	14913	15.72	15.72	6.45	40.7	0.14	17.4	72.58	7.46
67	gi|430727962|ref|NP_001258829.1|	242	256	14914	9.58	15.45	5.58	50.16	0.13	9.58	69.67	7.46
67	gi|430727962|ref|NP_001258829.1|	243	257	14915	7.51	11.66	6.75	53.39	0.13	7.51	60.67	7.46
67	gi|430727962|ref|NP_001258829.1|	244	258	14916	10.54	11.5	9.66	47.08	0.13	10.54	50.74	7.46
67	gi|430727962|ref|NP_001258829.1|	245	259	14917	11.74	11.2	11.74	37.67	0.23	15.03	45.55	7.46
67	gi|430727962|ref|NP_001258829.1|	246	260	14918	15.31	6.16	15.31	28.71	0.83	34.48	37.91	7.46
67	gi|430727962|ref|NP_001258829.1|	247	261	14919	19.56	10.36	72.16	19.56	1.13	60.89	14.83	26.03
67	gi|430727962|ref|NP_001258829.1|	248	262	14920	18.24	10.93	74.41	18.24	3.67	60.84	14.83	25.83
67	gi|430727962|ref|NP_001258829.1|	249	263	14921	18.54	18.54	74.41	16.7	3.61	59.68	14.83	25.96
67	gi|430727962|ref|NP_001258829.1|	250	264	14922	19.45	18.39	73.27	19.45	3.9	57.14	14.83	25.93

Table 2

67	gi|430727962|ref|NP_001258829.1|	254	268	14923	19.21	19.75	18.21	34.22	19.21	21.24	12.18	11.03
67	gi|430727962|ref|NP_001258829.1|	255	269	14924	18.87	18.87	16.52	28.73	19.93	19.18	14.3	10.94
67	gi|430727962|ref|NP_001258829.1|	256	270	14925	18.46	21.59	18.34	30.81	18.46	22.73	14.3	13.52
67	gi|430727962|ref|NP_001258829.1|	262	276	14926	13.94	3.87	13.94	12.18	32.03	14.56	27.3	5.2
67	gi|430727962|ref|NP_001258829.1|	263	277	14927	12.45	3.02	18.38	12.18	31.22	12.45	23.74	4.99
67	gi|430727962|ref|NP_001258829.1|	264	278	14928	13.35	3.01	23.66	12.18	39.95	13.35	23.16	5.02
67	gi|430727962|ref|NP_001258829.1|	265	279	14929	14.6	2.99	22	11.61	58.51	14.6	21.42	5.98
67	gi|430727962|ref|NP_001258829.1|	290	304	14930	12.33	12.33	2.14	9.17	17.83	14.45	46.7	2.44
67	gi|430727962|ref|NP_001258829.1|	291	305	14931	3.97	2.9	1.36	9.17	17.72	3.97	46.7	2.44
67	gi|430727962|ref|NP_001258829.1|	292	306	14932	2.66	2.66	0.94	9.17	16.42	1.57	46.7	2.02
67	gi|430727962|ref|NP_001258829.1|	293	307	14933	2.48	2.48	0.66	9.17	15.11	0.64	64.69	1.21
67	gi|430727962|ref|NP_001258829.1|	294	308	14934	2.46	2.46	0.68	9.17	23.25	0.86	67.05	1.59
67	gi|430727962|ref|NP_001258829.1|	295	309	14935	3.57	3.57	0.88	16.25	33.85	2.06	67.05	2.22
67	gi|430727962|ref|NP_001258829.1|	296	310	14936	8.23	5.73	1.29	17.62	50	8.23	47.29	2.44
67	gi|430727962|ref|NP_001258829.1|	301	315	14937	11.01	4.37	22.24	9.49	20.62	14.22	9.72	11.01
67	gi|430727962|ref|NP_001258829.1|	302	316	14938	11.21	4.37	25.87	9.45	20.62	12.39	9.44	11.21
67	gi|430727962|ref|NP_001258829.1|	303	317	14939	11.74	4.37	28.21	11.74	20.62	16	11.71	10.79
67	gi|430727962|ref|NP_001258829.1|	304	318	14940	14.61	3.54	32.37	14.61	20.62	17.17	11.71	11.19
67	gi|430727962|ref|NP_001258829.1|	328	342	14941	17.87	17.96	7.39	17.87	2.79	24.83	47.5	17.8
67	gi|430727962|ref|NP_001258829.1|	329	343	14942	14.67	17.96	7.39	17.87	2.96	12.93	35.24	14.67
67	gi|430727962|ref|NP_001258829.1|	330	344	14943	14.67	17.96	7.39	17.87	2.96	11.65	29.63	14.67
67	gi|430727962|ref|NP_001258829.1|	331	345	14944	14.67	17.96	7.39	17.87	3.15	9.33	27.42	14.67
67	gi|430727962|ref|NP_001258829.1|	332	346	14945	10.53	11.76	7.39	17.87	5.71	8.42	25.08	10.53
67	gi|430727962|ref|NP_001258829.1|	333	347	14946	10.53	5.97	6.61	17.87	10.57	9.56	25.08	10.53
67	gi|430727962|ref|NP_001258829.1|	334	348	14947	11.74	3.56	7.39	18.34	17.82	11.74	22.84	10.53
67	gi|430727962|ref|NP_001258829.1|	335	349	14948	11.88	2.03	11.88	21.29	9.33	17.76	19.64	10.53
67	gi|430727962|ref|NP_001258829.1|	336	350	14949	14.8	2.63	19.29	22.77	9.33	22.54	14.8	10.53
67	gi|430727962|ref|NP_001258829.1|	339	353	14950	9.33	2.99	2.53	16.18	9.33	25.31	39.36	4.69
67	gi|430727962|ref|NP_001258829.1|	340	354	14951	9.33	2.99	1.22	14.17	9.33	10.39	44.59	4.69
67	gi|430727962|ref|NP_001258829.1|	341	355	14952	4.69	2.99	0.89	13.91	9.33	4.65	45.02	4.69
67	gi|430727962|ref|NP_001258829.1|	342	356	14953	4.69	2.99	0.89	13.82	14.47	3.47	54.15	4.69
67	gi|430727962|ref|NP_001258829.1|	343	357	14954	4.69	2.99	0.92	14.98	15.29	3.61	78.59	4.69
67	gi|430727962|ref|NP_001258829.1|	344	358	14955	5.52	2.99	1.87	18.74	15.24	5.52	82.21	4.69
67	gi|430727962|ref|NP_001258829.1|	345	359	14956	9.56	2.99	1.9	20.45	18.15	9.56	78.14	4.69
67	gi|430727962|ref|NP_001258829.1|	346	360	14957	15.61	8.94	10.67	19.86	15.61	19.84	28.09	15.39
67	gi|430727962|ref|NP_001258829.1|	347	361	14958	12.36	8.94	2.78	16.48	12.36	15.59	28.09	7.09
67	gi|430727962|ref|NP_001258829.1|	348	362	14959	11.97	16.19	2.81	15.39	11.97	8.64	28.09	6.65
67	gi|430727962|ref|NP_001258829.1|	349	363	14960	5.55	2.99	3.84	12.05	13.11	5.55	28.09	5.05
67	gi|430727962|ref|NP_001258829.1|	350	364	14961	5.05	2.99	4.77	11.29	13.39	4.12	28.09	5.05
67	gi|430727962|ref|NP_001258829.1|	351	365	14962	6.12	2.99	6.12	12.6	15.61	4.38	25.36	5.05
67	gi|430727962|ref|NP_001258829.1|	352	366	14963	7.19	2.99	7.19	15.96	15.61	7.06	21.17	6.54
67	gi|430727962|ref|NP_001258829.1|	353	367	14964	10.32	2.99	1.17	10.32	26.33	19.18	42.53	9.25
67	gi|430727962|ref|NP_001258829.1|	354	368	14965	14.46	14.46	1.98	12.34	29	30.17	36.74	10.73
67	gi|430727962|ref|NP_001258829.1|	355	369	14966	15.3	15.3	2.7	13.64	32.09	39.74	33.12	10.34
67	gi|430727962|ref|NP_001258829.1|	357	371	14967	16.54	16.54	6.65	14.8	28.24	50.7	22.73	10.53
67	gi|430727962|ref|NP_001258829.1|	374	388	14968	17.55	15.89	34.91	17.55	31.98	16.5	48.82	9.97
67	gi|430727962|ref|NP_001258829.1|	375	389	14969	19.31	14.56	38.94	18.16	34.65	19.31	47.69	10.13
67	gi|430727962|ref|NP_001258829.1|	376	390	14970	11.54	9.56	2.28	16.13	30.08	11.54	43.02	10.45

Table 2

67	gi|430727962|ref|NP_001258829.1|	377	391	14971	9.12	8.21	2.53	15.44	23.91	9.12	39.26	8.11
67	gi|430727962|ref|NP_001258829.1|	378	392	14972	9.62	8.21	3.78	17.68	24.07	9.62	37.27	8.54
67	gi|430727962|ref|NP_001258829.1|	379	393	14973	11.44	8.21	5.9	18.55	23.22	10.08	32.86	11.44
67	gi|430727962|ref|NP_001258829.1|	380	394	14974	13.79	8.21	7.02	26.77	24.29	13.79	45.99	11.76
67	gi|430727962|ref|NP_001258829.1|	406	420	14975	17.58	12.33	17.58	6.36	21.02	40.22	46.78	9.5
67	gi|430727962|ref|NP_001258829.1|	407	421	14976	19.58	12.33	19.58	6.07	20.43	29.13	46.78	6.82
67	gi|430727962|ref|NP_001258829.1|	408	422	14977	19.28	12.33	20.6	7.51	19.28	25.66	46.78	6.94
67	gi|430727962|ref|NP_001258829.1|	409	423	14978	16.91	12.33	21.91	7.9	16.91	23.53	46.78	6.81
67	gi|430727962|ref|NP_001258829.1|	410	424	14979	19.48	12.33	25.71	12.66	19.48	31.07	83.08	6.92
67	gi|430727962|ref|NP_001258829.1|	414	428	14980	13.89	7.24	56.88	13.89	13.51	19.76	66.04	0.67
67	gi|430727962|ref|NP_001258829.1|	415	429	14981	13.51	5.22	57.93	13.99	13.51	11.37	63.2	0.57
67	gi|430727962|ref|NP_001258829.1|	416	430	14982	13.51	5.22	63.45	16.58	13.51	13.13	61.55	0.59
67	gi|430727962|ref|NP_001258829.1|	417	431	14983	13.51	5.22	46.94	19.52	13.51	10.05	59.81	0.55
67	gi|430727962|ref|NP_001258829.1|	418	432	14984	13.51	5.22	50.79	24.85	13.51	9.66	69.69	0.58
67	gi|430727962|ref|NP_001258829.1|	419	433	14985	13.51	5.22	45.92	35.45	13.51	10.87	73.98	1.7
67	gi|430727962|ref|NP_001258829.1|	439	453	14986	13.64	7.76	10.95	13.64	75.22	48.94	31.31	4.93
67	gi|430727962|ref|NP_001258829.1|	440	454	14987	15.11	6.71	15.11	13.64	75.22	48.17	31.31	7.02
67	gi|430727962|ref|NP_001258829.1|	441	455	14988	19.68	6.71	19.68	13.64	75.22	50.59	31.31	10.83
67	gi|430727962|ref|NP_001258829.1|	442	456	14989	19.68	6.71	19.68	13.64	75.22	57.92	31.31	17.54
67	gi|430727962|ref|NP_001258829.1|	458	472	14990	17.8	2.22	46.7	60.4	9.14	61.7	15.9	17.8
67	gi|430727962|ref|NP_001258829.1|	459	473	14991	17.8	2.03	46.7	44.12	3.86	50.4	15.5	17.8
67	gi|430727962|ref|NP_001258829.1|	460	474	14992	19.15	2.1	50.88	32.6	4.48	41.51	19.15	17.8
67	gi|430727962|ref|NP_001258829.1|	464	478	14993	19.47	6.51	26.91	24.97	17.1	19.47	24.48	17.8
67	gi|430727962|ref|NP_001258829.1|	467	481	14994	15.03	10.25	9.57	22.3	56.28	28.92	15.03	14.94
67	gi|430727962|ref|NP_001258829.1|	479	493	14995	15.69	12.14	3.84	15.69	57.61	33.15	34.58	6.8
67	gi|430727962|ref|NP_001258829.1|	480	494	14996	15.33	12.14	3.37	15.33	45.35	15.94	34.58	6.27
67	gi|430727962|ref|NP_001258829.1|	481	495	14997	11.05	12.14	1.06	11.05	29.87	8.99	34.58	5.79
67	gi|430727962|ref|NP_001258829.1|	482	496	14998	10.79	12.14	1.22	10.79	22.71	6.83	34.58	5.84
67	gi|430727962|ref|NP_001258829.1|	483	497	14999	11.3	12.14	1.69	11.3	21.08	7.44	34.58	8.41
67	gi|430727962|ref|NP_001258829.1|	484	498	15000	12.14	12.14	2.67	13.85	5.89	12.61	23.08	9.64
67	gi|430727962|ref|NP_001258829.1|	485	499	15001	13.57	12.14	8.57	17.83	5.89	26.26	19.93	13.57
68	gi|430727960|ref|NP_001258828.1|	32	46	15002	18.7	8.1	7.69	47.57	21.65	28.7	18.7	13.2
68	gi|430727960|ref|NP_001258828.1|	81	95	15003	15.12	32.89	0.15	6.54	36.99	15.12	44.75	6.18
68	gi|430727960|ref|NP_001258828.1|	82	96	15004	14.1	24.36	0.2	6.54	46.61	14.1	37.93	6.18
68	gi|430727960|ref|NP_001258828.1|	83	97	15005	8.98	8.98	0.31	6.54	55.54	12.18	29.96	6.18
68	gi|430727960|ref|NP_001258828.1|	84	98	15006	8.98	8.98	0.48	6.54	60.31	12.07	27.26	6.18
68	gi|430727960|ref|NP_001258828.1|	85	99	15007	11.87	8.98	0.74	11.87	61.16	16.48	23.93	6.18
68	gi|430727960|ref|NP_001258828.1|	86	100	15008	12	6.18	1.1	12	61.16	29.84	21.96	5.05
68	gi|430727960|ref|NP_001258828.1|	96	110	15009	17.96	28.76	44.83	17.96	47.09	12.49	0.3	7.46
68	gi|430727960|ref|NP_001258828.1|	97	111	15010	15.19	16.72	45.55	15.19	15.79	6.79	0.51	8.84
68	gi|430727960|ref|NP_001258828.1|	98	112	15011	13.37	16.01	50.91	13.37	15.79	4.54	1.14	7.46
68	gi|430727960|ref|NP_001258828.1|	99	113	15012	13.06	14.9	39.46	13.06	15.37	3.61	3.29	7.46
68	gi|430727960|ref|NP_001258828.1|	100	114	15013	12.66	18.05	19.68	14.21	12.66	2.98	6.21	7.46
68	gi|430727960|ref|NP_001258828.1|	101	115	15014	14.37	18.18	19.68	14.37	12.49	6.54	14.67	7.46
68	gi|430727960|ref|NP_001258828.1|	102	116	15015	19.68	31.04	19.68	25.92	12.87	12.82	47.26	9.97
68	gi|430727960|ref|NP_001258828.1|	106	120	15016	17.2	10.89	17.2	20.72	22.35	4.2	41.95	1.74
68	gi|430727960|ref|NP_001258828.1|	107	121	15017	10.89	10.89	5.89	19.34	19.86	1.09	36.73	1.65
68	gi|430727960|ref|NP_001258828.1|	108	122	15018	8.21	8.21	6.73	19.59	19.6	0.63	31.14	1.56

Table 2

68	gi|430727960|ref|NP_001258828.1|	109	123	15019	5.34	3.96	5.34	20.2	16.22	0.52	26.01	1.54
68	gi|430727960|ref|NP_001258828.1|	110	124	15020	6.51	3.32	6.51	23.77	24.9	0.67	42.1	2.74
68	gi|430727960|ref|NP_001258828.1|	111	125	15021	7.96	2.94	7.96	36.26	34.98	2.02	60.22	4.85
68	gi|430727960|ref|NP_001258828.1|	112	126	15022	18.44	5.2	10.98	23.25	36.6	16.4	39.4	18.44
68	gi|430727960|ref|NP_001258828.1|	145	159	15023	13.24	7.72	9.97	8.51	45.71	34.83	13.24	29.06
68	gi|430727960|ref|NP_001258828.1|	146	160	15024	13.64	7.72	9.97	13.64	45.71	24.51	13.24	20.38
68	gi|430727960|ref|NP_001258828.1|	147	161	15025	13.64	7.72	9.97	13.64	45.71	25.3	13.24	20.38
68	gi|430727960|ref|NP_001258828.1|	148	162	15026	10.3	6.18	9.97	6.95	38.58	20.17	11.43	10.3
68	gi|430727960|ref|NP_001258828.1|	149	163	15027	11.25	6.18	11.65	7.18	33.71	22.94	11.25	10.48
68	gi|430727960|ref|NP_001258828.1|	150	164	15028	11.77	6.18	11.77	15.04	29.76	25.38	5	10.26
68	gi|430727960|ref|NP_001258828.1|	151	165	15029	14.99	11.91	12.15	14.99	26.97	33.89	3.69	15.1
68	gi|430727960|ref|NP_001258828.1|	152	166	15030	19.29	6.18	27.55	19.29	38.24	39.09	3.36	15.59
68	gi|430727960|ref|NP_001258828.1|	157	171	15031	17.41	13.99	46.23	39.25	17.41	58.12	16.49	9.69
68	gi|430727960|ref|NP_001258828.1|	159	173	15032	12.97	1.59	4.61	20.54	17.41	12.97	23.76	4.01
68	gi|430727960|ref|NP_001258828.1|	160	174	15033	5.4	4.01	3.88	20.09	17.41	4.86	23.34	5.4
68	gi|430727960|ref|NP_001258828.1|	161	175	15034	5.63	4.01	4.52	19.91	16.53	3.31	26.16	5.63
68	gi|430727960|ref|NP_001258828.1|	162	176	15035	7.03	4.01	6.2	20.52	17.41	3.47	27.34	7.03
68	gi|430727960|ref|NP_001258828.1|	163	177	15036	8.6	4.01	8.6	28.86	25.53	6.35	46.52	7.03
68	gi|430727960|ref|NP_001258828.1|	164	178	15037	12.45	4.01	10.53	30.49	28.45	12.45	28.03	7.03
68	gi|430727960|ref|NP_001258828.1|	165	179	15038	17.13	14.41	14.56	17.13	45.46	43.29	23.26	7.03
68	gi|430727960|ref|NP_001258828.1|	168	182	15039	4.52	15.59	0.19	9.13	2.19	4.52	24.18	2.93
68	gi|430727960|ref|NP_001258828.1|	169	183	15040	2.4	15.53	0.19	8.11	2.13	1.9	35.93	2.4
68	gi|430727960|ref|NP_001258828.1|	170	184	15041	2.28	15.53	0.19	11.24	2.24	1.4	43.26	2.28
68	gi|430727960|ref|NP_001258828.1|	171	185	15042	2.26	15.58	0.18	10.85	2.26	1.18	25.52	2.05
68	gi|430727960|ref|NP_001258828.1|	172	186	15043	4.32	24.78	0.29	14.99	4.32	2.75	47.9	3.86
68	gi|430727960|ref|NP_001258828.1|	173	187	15044	8.19	38.43	0.56	13.85	7.96	8.19	47.9	4.01
68	gi|430727960|ref|NP_001258828.1|	174	188	15045	15.51	43.57	0.94	15.51	10.3	16.64	42.98	4.01
68	gi|430727960|ref|NP_001258828.1|	175	189	15046	19.3	25.99	10.37	19.3	10.3	15.58	33.9	21.15
68	gi|430727960|ref|NP_001258828.1|	176	190	15047	19.3	20.46	14.56	19.3	10.3	15.65	20.14	19.74
68	gi|430727960|ref|NP_001258828.1|	177	191	15048	14.66	14.6	14.66	19.3	10.3	13.04	17.4	19.74
68	gi|430727960|ref|NP_001258828.1|	178	192	15049	18.1	14.51	14.66	28.78	20.99	15.94	18.1	22.85
68	gi|430727960|ref|NP_001258828.1|	189	203	15050	15.72	15.72	6.45	40.7	0.14	17.4	72.58	7.46
68	gi|430727960|ref|NP_001258828.1|	190	204	15051	9.58	15.45	5.58	50.16	0.13	9.58	69.67	7.46
68	gi|430727960|ref|NP_001258828.1|	191	205	15052	7.51	11.66	6.75	53.39	0.13	7.51	60.67	7.46
68	gi|430727960|ref|NP_001258828.1|	192	206	15053	10.54	11.5	9.66	47.08	0.13	10.54	50.74	7.46
68	gi|430727960|ref|NP_001258828.1|	193	207	15054	11.74	11.2	11.74	37.67	0.23	15.03	45.55	7.46
68	gi|430727960|ref|NP_001258828.1|	194	208	15055	15.31	6.16	15.31	28.71	0.83	34.48	37.91	7.46
68	gi|430727960|ref|NP_001258828.1|	195	209	15056	19.56	10.36	72.16	19.56	1.13	60.89	14.83	26.03
68	gi|430727960|ref|NP_001258828.1|	196	210	15057	18.24	10.93	74.41	18.24	3.67	60.84	14.83	25.83
68	gi|430727960|ref|NP_001258828.1|	197	211	15058	18.54	18.54	74.41	16.7	3.61	59.68	14.83	25.96
68	gi|430727960|ref|NP_001258828.1|	198	212	15059	19.45	18.39	73.27	19.45	3.9	57.14	14.83	25.93
68	gi|430727960|ref|NP_001258828.1|	202	216	15060	19.21	19.75	18.21	34.22	19.21	21.24	12.18	11.03
68	gi|430727960|ref|NP_001258828.1|	203	217	15061	18.87	18.87	16.52	28.73	19.93	19.18	14.3	10.94
68	gi|430727960|ref|NP_001258828.1|	204	218	15062	18.46	21.59	18.34	30.81	18.46	22.73	14.3	13.52
68	gi|430727960|ref|NP_001258828.1|	210	224	15063	13.94	3.87	13.94	12.18	32.03	14.56	27.3	5.2
68	gi|430727960|ref|NP_001258828.1|	211	225	15064	12.45	3.02	18.38	12.18	31.22	12.45	23.74	4.99
68	gi|430727960|ref|NP_001258828.1|	212	226	15065	13.35	3.01	23.66	12.18	39.95	13.35	23.16	5.02
68	gi|430727960|ref|NP_001258828.1|	213	227	15066	14.6	2.99	22	11.61	58.51	14.6	21.42	5.98

Table 2

68	gi|430727960|ref|NP_001258828.1|	238	252	15067	12.33	12.33	2.14	9.17	17.83	14.45	46.7	2.44
68	gi|430727960|ref|NP_001258828.1|	239	253	15068	3.97	2.9	1.36	9.17	17.72	3.97	46.7	2.44
68	gi|430727960|ref|NP_001258828.1|	240	254	15069	2.66	2.66	0.94	9.17	16.42	1.57	46.7	2.02
68	gi|430727960|ref|NP_001258828.1|	241	255	15070	2.48	2.48	0.66	9.17	15.11	0.64	64.69	1.21
68	gi|430727960|ref|NP_001258828.1|	242	256	15071	2.46	2.46	0.68	9.17	23.25	0.86	67.05	1.59
68	gi|430727960|ref|NP_001258828.1|	243	257	15072	3.57	3.57	0.88	16.25	33.85	2.06	67.05	2.22
68	gi|430727960|ref|NP_001258828.1|	244	258	15073	8.23	5.73	1.29	17.62	50	8.23	47.29	2.44
68	gi|430727960|ref|NP_001258828.1|	249	263	15074	11.01	4.37	22.24	9.49	20.62	14.22	9.72	11.01
68	gi|430727960|ref|NP_001258828.1|	250	264	15075	11.21	4.37	25.87	9.45	20.62	12.39	9.44	11.21
68	gi|430727960|ref|NP_001258828.1|	251	265	15076	11.74	4.37	28.21	11.74	20.62	16	11.71	10.79
68	gi|430727960|ref|NP_001258828.1|	252	266	15077	14.61	3.54	32.37	14.61	20.62	17.17	11.71	11.19
68	gi|430727960|ref|NP_001258828.1|	276	290	15078	17.87	17.96	7.39	17.87	2.79	24.83	47.5	17.8
68	gi|430727960|ref|NP_001258828.1|	277	291	15079	14.67	17.96	7.39	17.87	2.96	12.93	35.24	14.67
68	gi|430727960|ref|NP_001258828.1|	278	292	15080	14.67	17.96	7.39	17.87	2.96	11.65	29.63	14.67
68	gi|430727960|ref|NP_001258828.1|	279	293	15081	14.67	17.96	7.39	17.87	3.15	9.33	27.42	14.67
68	gi|430727960|ref|NP_001258828.1|	280	294	15082	10.53	11.76	7.39	17.87	5.71	8.42	25.08	10.53
68	gi|430727960|ref|NP_001258828.1|	281	295	15083	10.53	5.97	6.61	17.87	10.57	9.56	25.08	10.53
68	gi|430727960|ref|NP_001258828.1|	282	296	15084	11.74	3.56	7.39	18.34	17.82	11.74	22.84	10.53
68	gi|430727960|ref|NP_001258828.1|	283	297	15085	11.88	2.03	11.88	21.29	9.33	17.76	19.64	10.53
68	gi|430727960|ref|NP_001258828.1|	284	298	15086	14.8	2.63	19.29	22.77	9.33	22.54	14.8	10.53
68	gi|430727960|ref|NP_001258828.1|	287	301	15087	9.33	2.99	2.53	16.18	9.33	25.31	39.36	4.69
68	gi|430727960|ref|NP_001258828.1|	288	302	15088	9.33	2.99	1.22	14.17	9.33	10.39	44.59	4.69
68	gi|430727960|ref|NP_001258828.1|	289	303	15089	4.69	2.99	0.89	13.91	9.33	4.65	45.02	4.69
68	gi|430727960|ref|NP_001258828.1|	290	304	15090	4.69	2.99	0.89	13.82	14.47	3.47	54.15	4.69
68	gi|430727960|ref|NP_001258828.1|	291	305	15091	4.69	2.99	0.92	14.98	15.29	3.61	78.59	4.69
68	gi|430727960|ref|NP_001258828.1|	292	306	15092	5.52	2.99	1.87	18.74	15.24	5.52	82.21	4.69
68	gi|430727960|ref|NP_001258828.1|	293	307	15093	9.56	2.99	1.9	20.45	18.15	9.56	78.14	4.69
68	gi|430727960|ref|NP_001258828.1|	294	308	15094	15.61	8.94	10.67	19.86	15.61	19.84	28.09	15.39
68	gi|430727960|ref|NP_001258828.1|	295	309	15095	12.36	8.94	2.78	16.48	12.36	15.59	28.09	7.09
68	gi|430727960|ref|NP_001258828.1|	296	310	15096	11.97	16.19	2.81	15.39	11.97	8.64	28.09	6.65
68	gi|430727960|ref|NP_001258828.1|	297	311	15097	5.55	2.99	3.84	12.05	13.11	5.55	28.09	5.05
68	gi|430727960|ref|NP_001258828.1|	298	312	15098	5.05	2.99	4.77	11.29	13.39	4.12	28.09	5.05
68	gi|430727960|ref|NP_001258828.1|	299	313	15099	6.12	2.99	6.12	12.6	15.61	4.38	25.36	5.05
68	gi|430727960|ref|NP_001258828.1|	300	314	15100	7.19	2.99	7.19	15.96	15.61	7.06	21.17	6.54
68	gi|430727960|ref|NP_001258828.1|	301	315	15101	10.32	2.99	1.17	10.32	26.33	19.18	42.53	9.25
68	gi|430727960|ref|NP_001258828.1|	302	316	15102	14.46	14.46	1.98	12.34	29	30.17	36.74	10.73
68	gi|430727960|ref|NP_001258828.1|	303	317	15103	15.3	15.3	2.7	13.64	32.09	39.74	33.12	10.34
68	gi|430727960|ref|NP_001258828.1|	305	319	15104	16.54	16.54	6.65	14.8	28.24	50.7	22.73	10.53
68	gi|430727960|ref|NP_001258828.1|	322	336	15105	17.55	15.89	34.91	17.55	31.98	16.5	48.82	9.97
68	gi|430727960|ref|NP_001258828.1|	323	337	15106	19.31	14.56	38.94	18.16	34.65	19.31	47.69	10.13
68	gi|430727960|ref|NP_001258828.1|	324	338	15107	11.54	9.56	2.28	16.13	30.08	11.54	43.02	10.45
68	gi|430727960|ref|NP_001258828.1|	325	339	15108	9.12	8.21	2.53	15.44	23.91	9.12	39.26	8.11
68	gi|430727960|ref|NP_001258828.1|	326	340	15109	9.62	8.21	3.78	17.68	24.07	9.62	37.27	8.54
68	gi|430727960|ref|NP_001258828.1|	327	341	15110	11.44	8.21	5.9	18.55	23.22	10.08	32.86	11.44
68	gi|430727960|ref|NP_001258828.1|	328	342	15111	13.79	8.21	7.02	26.77	24.29	13.79	45.99	11.76
68	gi|430727960|ref|NP_001258828.1|	354	368	15112	17.58	12.33	17.58	6.36	21.02	40.22	46.78	9.5
68	gi|430727960|ref|NP_001258828.1|	355	369	15113	19.58	12.33	19.58	6.07	20.43	29.13	46.78	6.82
68	gi|430727960|ref|NP_001258828.1|	356	370	15114	19.28	12.33	20.6	7.51	19.28	25.66	46.78	6.94

Table 2

68	gi|430727960|ref|NP_001258828.1|	357	371	15115	16.91	12.33	21.91	7.9	16.91	23.53	46.78	6.81
68	gi|430727960|ref|NP_001258828.1|	358	372	15116	19.48	12.33	25.71	12.66	19.48	31.07	83.08	6.92
68	gi|430727960|ref|NP_001258828.1|	362	376	15117	13.89	7.24	56.88	13.89	13.51	19.76	66.04	0.67
68	gi|430727960|ref|NP_001258828.1|	363	377	15118	13.51	5.22	57.93	13.99	13.51	11.37	63.2	0.57
68	gi|430727960|ref|NP_001258828.1|	364	378	15119	13.51	5.22	63.45	16.58	13.51	13.13	61.55	0.59
68	gi|430727960|ref|NP_001258828.1|	365	379	15120	13.51	5.22	46.94	19.52	13.51	10.05	59.81	0.55
68	gi|430727960|ref|NP_001258828.1|	366	380	15121	13.51	5.22	50.79	24.85	13.51	9.66	69.69	0.58
68	gi|430727960|ref|NP_001258828.1|	367	381	15122	13.51	5.22	45.92	35.45	13.51	10.87	73.98	1.7
68	gi|430727960|ref|NP_001258828.1|	387	401	15123	13.64	7.76	10.95	13.64	75.22	48.94	31.31	4.93
68	gi|430727960|ref|NP_001258828.1|	388	402	15124	15.11	6.71	15.11	13.64	75.22	48.17	31.31	7.02
68	gi|430727960|ref|NP_001258828.1|	389	403	15125	19.68	6.71	19.68	13.64	75.22	50.59	31.31	10.83
68	gi|430727960|ref|NP_001258828.1|	390	404	15126	19.68	6.71	19.68	13.64	75.22	57.92	31.31	17.54
68	gi|430727960|ref|NP_001258828.1|	406	420	15127	17.8	2.22	46.7	60.4	9.14	61.7	15.9	17.8
68	gi|430727960|ref|NP_001258828.1|	407	421	15128	17.8	2.03	46.7	44.12	3.86	50.4	15.5	17.8
68	gi|430727960|ref|NP_001258828.1|	408	422	15129	19.15	2.1	50.88	32.6	4.48	41.51	19.15	17.8
68	gi|430727960|ref|NP_001258828.1|	412	426	15130	19.47	6.51	26.91	24.97	17.1	19.47	24.48	17.8
68	gi|430727960|ref|NP_001258828.1|	415	429	15131	15.03	10.25	9.57	22.3	56.28	28.92	15.03	14.94
68	gi|430727960|ref|NP_001258828.1|	427	441	15132	15.69	12.14	3.84	15.69	57.61	33.15	34.58	6.8
68	gi|430727960|ref|NP_001258828.1|	428	442	15133	15.33	12.14	3.37	15.33	45.35	15.94	34.58	6.27
68	gi|430727960|ref|NP_001258828.1|	429	443	15134	11.05	12.14	1.06	11.05	29.87	8.99	34.58	5.79
68	gi|430727960|ref|NP_001258828.1|	430	444	15135	10.79	12.14	1.22	10.79	22.71	6.83	34.58	5.84
68	gi|430727960|ref|NP_001258828.1|	431	445	15136	11.3	12.14	1.69	11.3	21.08	7.44	34.58	8.41
68	gi|430727960|ref|NP_001258828.1|	432	446	15137	12.14	12.14	2.67	13.85	5.89	12.61	23.08	9.64
68	gi|430727960|ref|NP_001258828.1|	433	447	15138	13.57	12.14	8.57	17.83	5.89	26.26	19.93	13.57
69	gi|82571689|gb|AAI10342.1|	22	36	15139	18.18	15.95	54.97	5.27	27.26	42.64	18.18	2.34
69	gi|82571689|gb|AAI10342.1|	23	37	15140	17.92	16.79	61.69	7.22	26.65	42.87	17.92	2.43
69	gi|82571689|gb|AAI10342.1|	38	52	15141	16.27	10.25	0.05	25.84	49.37	16.27	36.78	10.43
69	gi|82571689|gb|AAI10342.1|	39	53	15142	14.98	10.25	0.1	27.2	49.37	14.98	38.86	10.4
69	gi|82571689|gb|AAI10342.1|	40	54	15143	16.39	10.25	0.21	27.99	49.37	16.39	36.03	10.39
69	gi|82571689|gb|AAI10342.1|	41	55	15144	18.9	10.25	0.34	28.37	49.37	18.9	35.49	10.02
69	gi|82571689|gb|AAI10342.1|	43	57	15145	16.25	10.25	0.96	39.9	49.37	60.43	16.25	7.85
69	gi|82571689|gb|AAI10342.1|	114	128	15146	15.23	5.69	7.64	15.23	71.9	39.46	10.28	20.23
69	gi|82571689|gb|AAI10342.1|	115	129	15147	14.78	5.69	8.38	14.78	71.12	18.77	6.64	15.91
69	gi|82571689|gb|AAI10342.1|	116	130	15148	15.22	5.69	10.27	15.35	70.33	15.22	4.45	15.91
69	gi|82571689|gb|AAI10342.1|	117	131	15149	10.89	5.69	7.5	24.65	53.02	10.89	4.47	15.91
69	gi|82571689|gb|AAI10342.1|	118	132	15150	13.45	5.69	9.75	26.26	37.98	13.45	4.56	15.91
69	gi|82571689|gb|AAI10342.1|	119	133	15151	18.39	13.73	14.57	34.36	37.98	18.39	21.92	15.91
69	gi|82571689|gb|AAI10342.1|	154	168	15152	15.91	8.2	56.28	9.1	33.01	69.92	10.01	15.91
69	gi|82571689|gb|AAI10342.1|	155	169	15153	15.9	8.19	62.7	8.01	32.57	56.58	7.06	15.9
69	gi|82571689|gb|AAI10342.1|	156	170	15154	15.9	8.09	67.45	8.01	32.72	50.06	5.46	15.9
69	gi|82571689|gb|AAI10342.1|	157	171	15155	15.9	7.56	66.51	8.01	30.51	40.83	4.25	15.9
69	gi|82571689|gb|AAI10342.1|	158	172	15156	8.01	7.62	22.53	8.01	41.64	37.8	6.31	5.12
69	gi|82571689|gb|AAI10342.1|	159	173	15157	9.62	18.61	8.6	8.21	50.61	32.99	9.62	6.08
69	gi|82571689|gb|AAI10342.1|	160	174	15158	12.53	13.11	12.53	8.88	58.13	35.43	11.6	6.3
69	gi|82571689|gb|AAI10342.1|	161	175	15159	11.09	10.25	11.09	14.53	18.63	35.19	8.5	6.02
69	gi|82571689|gb|AAI10342.1|	162	176	15160	14.28	10.25	14.28	14.82	18.63	33.07	9.82	5.21
69	gi|82571689|gb|AAI10342.1|	163	177	15161	16.15	10.25	14.06	23.74	18.63	30.09	16.15	7.75
69	gi|82571689|gb|AAI10342.1|	164	178	15162	18.63	10.25	17.19	28.38	18.63	36.37	19.11	7.93

Table 2

69	gi|82571689|gb|AAI10342.1|	171	185	15163	15.91	1.26	19.91	26.17	30.25	12.47	13.84	15.91
69	gi|82571689|gb|AAI10342.1|	172	186	15164	19.86	1.16	19.29	23.86	29.54	8.44	19.86	24.13
69	gi|82571689|gb|AAI10342.1|	173	187	15165	13.55	1.9	19.29	13.55	38.32	6.08	15.89	1.08
69	gi|82571689|gb|AAI10342.1|	174	188	15166	12.46	3.32	12.46	17.93	38.66	6.61	15.48	1.07
69	gi|82571689|gb|AAI10342.1|	175	189	15167	13.87	5.78	13.87	17.93	38.66	7.96	20.13	1.05
69	gi|82571689|gb|AAI10342.1|	176	190	15168	13.58	10.25	13.58	13.64	37.86	10.5	19.14	1.1
69	gi|82571689|gb|AAI10342.1|	177	191	15169	16.06	10.25	21.94	13.64	37.86	16.06	19.14	1.15
69	gi|82571689|gb|AAI10342.1|	178	192	15170	19.14	10.25	26.55	13.64	37.86	24.35	19.14	3.36
69	gi|82571689|gb|AAI10342.1|	179	193	15171	19.14	10.25	30.25	13.64	37.86	29.81	19.14	3.38
69	gi|82571689|gb|AAI10342.1|	189	203	15172	16.52	31.13	13.38	17.52	16.12	15.14	25.22	16.52
69	gi|82571689|gb|AAI10342.1|	190	204	15173	13.75	31.13	8.97	13.75	16.12	7.06	19.17	1.16
69	gi|82571689|gb|AAI10342.1|	191	205	15174	13.69	31.13	9.09	13.69	16.12	6.27	18.8	1.16
69	gi|82571689|gb|AAI10342.1|	192	206	15175	13.64	32.04	12.46	21.73	16.12	7.68	13.64	1.16
69	gi|82571689|gb|AAI10342.1|	193	207	15176	11.4	3.31	12.72	11.4	16.12	7.27	13.64	1.16
69	gi|82571689|gb|AAI10342.1|	194	208	15177	8.18	3.31	11.45	2.62	16.12	8.18	13.64	1.16
69	gi|82571689|gb|AAI10342.1|	195	209	15178	12.47	2.61	14.74	2.17	16.12	12.47	13.64	1.16
69	gi|82571689|gb|AAI10342.1|	196	210	15179	13.64	1.91	15.9	2.33	24.93	17.42	13.64	1.16
69	gi|82571689|gb|AAI10342.1|	197	211	15180	13.64	3.2	26.33	2.08	24.93	17.2	13.64	5.35
69	gi|82571689|gb|AAI10342.1|	198	212	15181	13.64	3.31	21.43	3.2	24.93	15.68	13.64	6.37
69	gi|82571689|gb|AAI10342.1|	199	213	15182	17.63	3.31	20.88	4.81	38.83	17.63	20.15	8.96
69	gi|82571689|gb|AAI10342.1|	205	219	15183	10.92	10.92	3.43	5.81	23.23	20.67	19.71	2.49
69	gi|82571689|gb|AAI10342.1|	206	220	15184	4.61	1.77	4.59	4.61	22.78	12.71	19.71	2.1
69	gi|82571689|gb|AAI10342.1|	207	221	15185	4.28	1.74	4.28	3.77	23.02	8.92	19.71	2.57
69	gi|82571689|gb|AAI10342.1|	208	222	15186	7.06	1.86	7.06	4.59	25.55	9.72	34.76	4.51
69	gi|82571689|gb|AAI10342.1|	209	223	15187	9.55	1.86	9.55	5.71	36.19	11.63	34.74	7.17
69	gi|82571689|gb|AAI10342.1|	210	224	15188	13.23	2.7	13.23	7.02	47.07	18.11	47.9	8.92
69	gi|82571689|gb|AAI10342.1|	211	225	15189	17.85	7.01	17.85	10.16	57.94	39.03	47.9	8.92
69	gi|82571689|gb|AAI10342.1|	229	243	15190	19.73	31.47	13.39	12.8	60.03	19.73	28.81	6.52
69	gi|82571689|gb|AAI10342.1|	230	244	15191	18.68	27.22	15.76	14.33	68.95	18.68	27.46	5.05
69	gi|82571689|gb|AAI10342.1|	231	245	15192	15.87	31.37	12.67	17.6	65.92	15.87	11.65	5.05
69	gi|82571689|gb|AAI10342.1|	232	246	15193	18.46	34.56	15.03	31.52	66.97	18.46	10.43	5.05
69	gi|82571689|gb|AAI10342.1|	233	247	15194	15.7	18.11	15.7	12.25	71.31	18.34	10.07	5.05
69	gi|82571689|gb|AAI10342.1|	234	248	15195	16.17	17.67	16.17	11.53	74.88	20.59	9.51	5.05
69	gi|82571689|gb|AAI10342.1|	235	249	15196	15.89	15.89	18.57	6.55	54.97	24.94	11.32	6.31
69	gi|82571689|gb|AAI10342.1|	236	250	15197	17.03	17.03	21.21	4.33	50.96	26.85	13.05	5.41
69	gi|82571689|gb|AAI10342.1|	237	251	15198	17.03	17.03	26.49	4.59	45.36	31.21	13.89	7.03
69	gi|82571689|gb|AAI10342.1|	243	257	15199	14.88	9.61	14.88	15.56	11.63	44.82	14.31	20.38
69	gi|82571689|gb|AAI10342.1|	244	258	15200	12.6	18.4	8.3	12.6	11.63	33.28	9.04	20.38
69	gi|82571689|gb|AAI10342.1|	245	259	15201	14.32	18.55	13.03	14.32	11.63	28.96	6.41	21.01
69	gi|82571689|gb|AAI10342.1|	246	260	15202	11.63	6.71	17.04	14.04	11.63	21.26	4.95	8.92
69	gi|82571689|gb|AAI10342.1|	247	261	15203	11.63	10.84	21	14.32	11.63	17.77	4.42	8.92
69	gi|82571689|gb|AAI10342.1|	248	262	15204	10.36	12.22	24.92	10.36	4.01	20.6	7	8.92
69	gi|82571689|gb|AAI10342.1|	249	263	15205	17.54	33.46	23.56	17.54	4.01	22.76	8.31	8.92
69	gi|82571689|gb|AAI10342.1|	251	265	15206	13.71	6.71	30.27	32.47	4.01	32.39	13.71	11.28
69	gi|82571689|gb|AAI10342.1|	252	266	15207	13.98	6.71	34.47	32.33	4.01	38.43	13.98	11.21
69	gi|82571689|gb|AAI10342.1|	259	273	15208	18.98	17.89	53.12	18.98	4.43	65.45	13.87	21.07
69	gi|82571689|gb|AAI10342.1|	261	275	15209	17.18	4.37	53.12	7.96	17.97	25.39	2.64	17.18
69	gi|82571689|gb|AAI10342.1|	262	276	15210	17.09	4.37	58.83	8.03	17.09	17.14	2.58	17.18

Table 2

69	gi|82571689|gb|AAI10342.1|	263	277	15211	14.44	4.37	61.5	7.94	15.97	14.44	2.85	14.67
69	gi|82571689|gb|AAI10342.1|	264	278	15212	14.95	6.18	66.81	8.75	14.99	14.95	2.85	17.04
69	gi|82571689|gb|AAI10342.1|	266	280	15213	15.54	3.31	10.85	16.37	26.29	27.8	2.18	15.54
69	gi|82571689|gb|AAI10342.1|	267	281	15214	17.41	3.31	11.63	29.16	29.22	44.13	3.69	17.41
69	gi|82571689|gb|AAI10342.1|	268	282	15215	17.33	3.31	12.08	33.33	33.76	37.95	3.3	17.33
69	gi|82571689|gb|AAI10342.1|	269	283	15216	15.5	3.31	14.88	22.9	31.64	39.94	2.55	15.5
69	gi|82571689|gb|AAI10342.1|	270	284	15217	18	3.31	18	20.45	37.82	44.66	3.62	16.01
69	gi|82571689|gb|AAI10342.1|	273	287	15218	14.67	5.24	15.13	12.6	4.76	54.95	25.89	14.67
69	gi|82571689|gb|AAI10342.1|	285	299	15219	4.69	3.61	25.57	2.61	7.46	7.59	2.18	4.69
69	gi|82571689|gb|AAI10342.1|	286	300	15220	0.35	3.22	0.45	0.35	0.04	0.19	1.13	0.05
69	gi|82571689|gb|AAI10342.1|	287	301	15221	0.31	2.79	0.34	0.31	0.03	0.06	1.04	0.05
69	gi|82571689|gb|AAI10342.1|	288	302	15222	0.26	1.49	0.27	0.26	0.03	0.01	0.8	0.05
69	gi|82571689|gb|AAI10342.1|	289	303	15223	0.23	1.51	0.29	0.23	0.03	0.01	0.73	0.05
69	gi|82571689|gb|AAI10342.1|	290	304	15224	0.33	1.7	0.35	0.33	0.03	0.02	0.9	0.05
69	gi|82571689|gb|AAI10342.1|	291	305	15225	0.53	1.65	0.53	1.39	0.36	0.08	1.35	0.27
69	gi|82571689|gb|AAI10342.1|	292	306	15226	1.88	2.71	0.83	1.88	17.47	2.33	1.46	0.28
69	gi|82571689|gb|AAI10342.1|	293	307	15227	14.66	4.95	14.66	9.28	33.38	34.38	1.72	19.51
69	gi|82571689|gb|AAI10342.1|	294	308	15228	8.12	6.86	39.31	8.12	36.07	54.15	2.05	3.46
69	gi|82571689|gb|AAI10342.1|	295	309	15229	5.19	7.25	5.19	0.1	37.96	54.7	2.22	1.05
69	gi|82571689|gb|AAI10342.1|	296	310	15230	2.5	7.12	2.3	0.09	36	42.28	2.5	1.05
69	gi|82571689|gb|AAI10342.1|	297	311	15231	2.49	1.55	2.49	0.04	38.56	28.98	2.51	1.05
69	gi|82571689|gb|AAI10342.1|	298	312	15232	1.85	1.55	1.85	0.03	35.19	16.67	4.47	1.05
69	gi|82571689|gb|AAI10342.1|	299	313	15233	3.04	1.55	3.04	0.04	36.63	16.15	31.45	1.05
69	gi|82571689|gb|AAI10342.1|	300	314	15234	4.19	1.55	4.19	0.09	40.08	15.06	27.15	1.2
69	gi|82571689|gb|AAI10342.1|	301	315	15235	6.16	1.75	6.16	0.16	43.1	17.08	32.47	2.92
69	gi|82571689|gb|AAI10342.1|	302	316	15236	7.65	1.75	7.65	4.8	49.25	20.75	30.23	2.92
69	gi|82571689|gb|AAI10342.1|	303	317	15237	9.86	1.75	9.86	7.1	54.14	13.62	30.23	0.47
69	gi|82571689|gb|AAI10342.1|	304	318	15238	10.03	2.71	11.03	7.1	56.27	10.03	30.23	0.47
69	gi|82571689|gb|AAI10342.1|	305	319	15239	9.86	2.71	11.03	7.16	58.04	9.86	30.23	0.48
69	gi|82571689|gb|AAI10342.1|	306	320	15240	7.21	2.71	11.03	7.21	53.12	7	30.23	0.47
69	gi|82571689|gb|AAI10342.1|	307	321	15241	10.34	2.71	11.03	10.34	61.02	7.29	30.23	0.49
69	gi|82571689|gb|AAI10342.1|	308	322	15242	10.34	2.71	15.67	10.34	66.11	10.16	30.23	1.85
69	gi|82571689|gb|AAI10342.1|	316	330	15243	19.57	13.31	40.43	19.57	6.92	40.56	44.82	18.44
69	gi|82571689|gb|AAI10342.1|	318	332	15244	14.41	14.41	26.09	13.73	26.37	13.85	61.6	0.07
69	gi|82571689|gb|AAI10342.1|	319	333	15245	14.41	14.41	33.03	14.24	33.89	10.51	61.27	0.07
69	gi|82571689|gb|AAI10342.1|	320	334	15246	17.13	14.41	35.02	17.13	36.89	8.12	63.02	0.07
69	gi|82571689|gb|AAI10342.1|	321	335	15247	10.21	10.21	42.4	10.21	37.18	6.66	65.88	0.06
69	gi|82571689|gb|AAI10342.1|	322	336	15248	10.58	10.58	12.76	10.67	8.48	7.02	15.47	0.04
69	gi|82571689|gb|AAI10342.1|	323	337	15249	11.52	13.41	21.61	8.11	11.52	8.04	18.79	0.09
69	gi|82571689|gb|AAI10342.1|	324	338	15250	13.35	3.54	20.43	6.53	13.35	16.08	27.33	0.09
70	gi|80478871|gb|AAI09054.1|	22	36	15251	18.18	15.95	54.97	5.27	27.26	42.64	18.18	2.34
70	gi|80478871|gb|AAI09054.1|	23	37	15252	17.92	16.79	61.69	7.22	26.65	42.87	17.92	2.43
70	gi|80478871|gb|AAI09054.1|	38	52	15253	16.27	10.25	0.05	25.84	49.37	16.27	36.78	10.43
70	gi|80478871|gb|AAI09054.1|	39	53	15254	14.98	10.25	0.1	27.2	49.37	14.98	38.86	10.4
70	gi|80478871|gb|AAI09054.1|	40	54	15255	16.39	10.25	0.21	27.99	49.37	16.39	36.03	10.39
70	gi|80478871|gb|AAI09054.1|	41	55	15256	18.9	10.25	0.34	28.37	49.37	18.9	35.49	10.02
70	gi|80478871|gb|AAI09054.1|	43	57	15257	16.25	10.25	0.96	39.9	49.37	60.43	16.25	7.85
70	gi|80478871|gb|AAI09054.1|	114	128	15258	15.23	5.69	7.64	15.23	71.9	39.46	10.28	20.23

Table 2

70	gi|80478871|gb|AAI09054.1|	115	129	15259	14.78	5.69	8.38	14.78	71.12	18.77	6.64	15.91
70	gi|80478871|gb|AAI09054.1|	116	130	15260	15.22	5.69	10.27	15.35	70.33	15.22	4.45	15.91
70	gi|80478871|gb|AAI09054.1|	117	131	15261	10.89	5.69	7.5	24.65	53.02	10.89	4.47	15.91
70	gi|80478871|gb|AAI09054.1|	118	132	15262	13.45	5.69	9.75	26.26	37.98	13.45	4.56	15.91
70	gi|80478871|gb|AAI09054.1|	119	133	15263	18.39	13.73	14.57	34.36	37.98	18.39	21.92	15.91
70	gi|80478871|gb|AAI09054.1|	154	168	15264	15.91	8.2	56.28	9.1	33.01	69.92	10.01	15.91
70	gi|80478871|gb|AAI09054.1|	155	169	15265	15.9	8.19	62.7	8.01	32.57	56.58	7.06	15.9
70	gi|80478871|gb|AAI09054.1|	156	170	15266	15.9	8.09	67.45	8.01	32.72	50.06	5.46	15.9
70	gi|80478871|gb|AAI09054.1|	157	171	15267	15.9	7.56	66.51	8.01	30.51	40.83	4.25	15.9
70	gi|80478871|gb|AAI09054.1|	158	172	15268	8.01	7.62	22.53	8.01	41.64	37.8	6.31	5.12
70	gi|80478871|gb|AAI09054.1|	159	173	15269	9.62	18.61	8.6	8.21	50.61	32.99	9.62	6.08
70	gi|80478871|gb|AAI09054.1|	160	174	15270	12.53	13.11	12.53	8.88	58.13	35.43	11.6	6.3
70	gi|80478871|gb|AAI09054.1|	161	175	15271	11.09	10.25	11.09	14.53	18.63	35.19	8.5	6.02
70	gi|80478871|gb|AAI09054.1|	162	176	15272	14.28	10.25	14.28	14.82	18.63	33.07	9.82	5.21
70	gi|80478871|gb|AAI09054.1|	163	177	15273	16.15	10.25	14.06	23.74	18.63	30.09	16.15	7.75
70	gi|80478871|gb|AAI09054.1|	164	178	15274	18.63	10.25	17.19	28.38	18.63	36.37	19.11	7.93
70	gi|80478871|gb|AAI09054.1|	171	185	15275	15.91	1.26	19.91	26.17	30.25	12.47	13.84	15.91
70	gi|80478871|gb|AAI09054.1|	172	186	15276	19.86	1.16	19.29	23.86	29.54	8.44	19.86	24.13
70	gi|80478871|gb|AAI09054.1|	173	187	15277	13.55	1.9	19.29	13.55	38.32	6.08	15.89	1.08
70	gi|80478871|gb|AAI09054.1|	174	188	15278	12.46	3.32	12.46	17.93	38.66	6.61	15.48	1.07
70	gi|80478871|gb|AAI09054.1|	175	189	15279	13.87	5.78	13.87	17.93	38.66	7.96	20.13	1.05
70	gi|80478871|gb|AAI09054.1|	176	190	15280	13.58	10.25	13.58	13.64	37.86	10.5	19.14	1.1
70	gi|80478871|gb|AAI09054.1|	177	191	15281	16.06	10.25	21.94	13.64	37.86	16.06	19.14	1.15
70	gi|80478871|gb|AAI09054.1|	178	192	15282	19.14	10.25	26.55	13.64	37.86	24.35	19.14	3.36
70	gi|80478871|gb|AAI09054.1|	179	193	15283	19.14	10.25	30.25	13.64	37.86	29.81	19.14	3.38
70	gi|80478871|gb|AAI09054.1|	189	203	15284	16.52	31.13	13.38	17.52	16.12	15.14	25.22	16.52
70	gi|80478871|gb|AAI09054.1|	190	204	15285	13.75	31.13	8.97	13.75	16.12	7.06	19.17	1.16
70	gi|80478871|gb|AAI09054.1|	191	205	15286	13.69	31.13	9.09	13.69	16.12	6.27	18.8	1.16
70	gi|80478871|gb|AAI09054.1|	192	206	15287	13.64	32.04	12.46	21.73	16.12	7.68	13.64	1.16
70	gi|80478871|gb|AAI09054.1|	193	207	15288	11.4	3.31	12.72	11.4	16.12	7.27	13.64	1.16
70	gi|80478871|gb|AAI09054.1|	194	208	15289	8.18	3.31	11.45	2.62	16.12	8.18	13.64	1.16
70	gi|80478871|gb|AAI09054.1|	195	209	15290	12.47	2.61	14.74	2.17	16.12	12.47	13.64	1.16
70	gi|80478871|gb|AAI09054.1|	196	210	15291	13.64	1.91	15.9	2.33	24.93	17.42	13.64	1.16
70	gi|80478871|gb|AAI09054.1|	197	211	15292	13.64	3.2	26.33	2.08	24.93	17.2	13.64	5.35
70	gi|80478871|gb|AAI09054.1|	198	212	15293	13.64	3.31	21.43	3.2	24.93	15.68	13.64	6.37
70	gi|80478871|gb|AAI09054.1|	199	213	15294	17.63	3.31	20.88	4.81	38.83	17.63	20.15	8.96
70	gi|80478871|gb|AAI09054.1|	205	219	15295	10.92	10.92	3.43	5.81	23.23	20.67	19.71	2.49
70	gi|80478871|gb|AAI09054.1|	206	220	15296	4.61	1.77	4.59	4.61	22.78	12.71	19.71	2.1
70	gi|80478871|gb|AAI09054.1|	207	221	15297	4.28	1.74	4.28	3.77	23.02	8.92	19.71	2.57
70	gi|80478871|gb|AAI09054.1|	208	222	15298	7.06	1.86	7.06	4.59	25.55	9.72	34.76	4.51
70	gi|80478871|gb|AAI09054.1|	209	223	15299	9.55	1.86	9.55	5.71	36.19	11.63	34.74	7.17
70	gi|80478871|gb|AAI09054.1|	210	224	15300	13.23	2.7	13.23	7.02	47.07	18.11	47.9	8.92
70	gi|80478871|gb|AAI09054.1|	211	225	15301	17.85	7.01	17.85	10.16	57.94	39.03	47.9	8.92
70	gi|80478871|gb|AAI09054.1|	229	243	15302	19.73	31.47	13.39	12.8	60.03	19.73	28.81	6.52
70	gi|80478871|gb|AAI09054.1|	230	244	15303	18.68	27.22	15.76	14.33	68.95	18.68	27.46	5.05
70	gi|80478871|gb|AAI09054.1|	231	245	15304	15.87	31.37	12.67	17.6	65.92	15.87	11.65	5.05
70	gi|80478871|gb|AAI09054.1|	232	246	15305	18.46	34.56	15.03	31.52	66.97	18.46	10.43	5.05
70	gi|80478871|gb|AAI09054.1|	233	247	15306	15.7	18.11	15.7	12.25	71.31	18.34	10.07	5.05

Table 2

70	gi|80478871|gb|AAI09054.1|	234	248	15307	16.17	17.67	16.17	11.53	74.88	20.59	9.51	5.05
70	gi|80478871|gb|AAI09054.1|	235	249	15308	15.89	15.89	18.57	6.55	54.97	24.94	11.32	6.31
70	gi|80478871|gb|AAI09054.1|	236	250	15309	17.03	17.03	21.21	4.33	50.96	26.85	13.05	5.41
70	gi|80478871|gb|AAI09054.1|	237	251	15310	17.03	17.03	26.49	4.59	45.36	31.21	13.89	7.03
70	gi|80478871|gb|AAI09054.1|	243	257	15311	14.88	9.61	14.88	15.56	11.63	44.82	14.31	20.38
70	gi|80478871|gb|AAI09054.1|	244	258	15312	12.6	18.4	8.3	12.6	11.63	33.28	9.04	20.38
70	gi|80478871|gb|AAI09054.1|	245	259	15313	14.32	18.55	13.03	14.32	11.63	28.96	6.41	21.01
70	gi|80478871|gb|AAI09054.1|	246	260	15314	11.63	6.71	17.04	14.04	11.63	21.26	4.95	8.92
70	gi|80478871|gb|AAI09054.1|	247	261	15315	11.63	10.84	21	14.32	11.63	17.77	4.42	8.92
70	gi|80478871|gb|AAI09054.1|	248	262	15316	10.36	12.22	24.92	10.36	4.01	20.6	7	8.92
70	gi|80478871|gb|AAI09054.1|	249	263	15317	17.54	33.46	23.56	17.54	4.01	22.76	8.31	8.92
70	gi|80478871|gb|AAI09054.1|	251	265	15318	13.71	6.71	30.27	32.47	4.01	32.39	13.71	11.28
70	gi|80478871|gb|AAI09054.1|	252	266	15319	13.98	6.71	34.47	32.33	4.01	38.43	13.98	11.21
70	gi|80478871|gb|AAI09054.1|	259	273	15320	18.98	17.89	53.12	18.98	4.43	65.45	13.87	21.07
70	gi|80478871|gb|AAI09054.1|	261	275	15321	17.18	4.37	53.12	7.96	17.97	25.39	2.64	17.18
70	gi|80478871|gb|AAI09054.1|	262	276	15322	17.09	4.37	58.83	8.03	17.09	17.14	2.58	17.18
70	gi|80478871|gb|AAI09054.1|	263	277	15323	14.44	4.37	61.5	7.94	15.97	14.44	2.85	14.67
70	gi|80478871|gb|AAI09054.1|	264	278	15324	14.95	6.18	66.81	8.75	14.99	14.95	2.85	17.04
70	gi|80478871|gb|AAI09054.1|	266	280	15325	15.54	3.31	10.85	16.37	26.29	27.8	2.18	15.54
70	gi|80478871|gb|AAI09054.1|	267	281	15326	17.41	3.31	11.63	29.16	29.22	44.13	3.69	17.41
70	gi|80478871|gb|AAI09054.1|	268	282	15327	17.33	3.31	12.08	33.33	33.76	37.95	3.3	17.33
70	gi|80478871|gb|AAI09054.1|	269	283	15328	15.5	3.31	14.88	22.9	31.64	39.94	2.55	15.5
70	gi|80478871|gb|AAI09054.1|	270	284	15329	18	3.31	18	20.45	37.82	44.66	3.62	16.01
70	gi|80478871|gb|AAI09054.1|	273	287	15330	14.67	5.24	15.13	12.6	4.76	54.95	25.89	14.67
70	gi|80478871|gb|AAI09054.1|	285	299	15331	4.69	3.61	25.57	2.61	7.46	7.59	2.18	4.69
70	gi|80478871|gb|AAI09054.1|	286	300	15332	0.35	3.22	0.45	0.35	0.04	0.19	1.13	0.05
70	gi|80478871|gb|AAI09054.1|	287	301	15333	0.31	2.79	0.34	0.31	0.03	0.06	1.04	0.05
70	gi|80478871|gb|AAI09054.1|	288	302	15334	0.26	1.49	0.27	0.26	0.03	0.01	0.8	0.05
70	gi|80478871|gb|AAI09054.1|	289	303	15335	0.23	1.51	0.29	0.23	0.03	0.01	0.73	0.05
70	gi|80478871|gb|AAI09054.1|	290	304	15336	0.33	1.7	0.35	0.33	0.03	0.02	0.9	0.05
70	gi|80478871|gb|AAI09054.1|	291	305	15337	0.53	1.65	0.53	1.39	0.36	0.08	1.35	0.27
70	gi|80478871|gb|AAI09054.1|	292	306	15338	1.88	2.71	0.83	1.88	17.47	2.33	1.46	0.28
70	gi|80478871|gb|AAI09054.1|	293	307	15339	14.66	4.95	14.66	9.28	33.38	34.38	1.72	19.51
70	gi|80478871|gb|AAI09054.1|	294	308	15340	8.12	6.86	39.31	8.12	36.07	54.15	2.05	3.46
70	gi|80478871|gb|AAI09054.1|	295	309	15341	5.19	7.25	5.19	0.1	37.96	54.7	2.22	1.05
70	gi|80478871|gb|AAI09054.1|	296	310	15342	2.5	7.12	2.3	0.09	36	42.28	2.5	1.05
70	gi|80478871|gb|AAI09054.1|	297	311	15343	2.49	1.55	2.49	0.04	38.56	28.98	2.51	1.05
70	gi|80478871|gb|AAI09054.1|	298	312	15344	1.85	1.55	1.85	0.03	35.19	16.67	4.47	1.05
70	gi|80478871|gb|AAI09054.1|	299	313	15345	3.04	1.55	3.04	0.04	36.63	16.15	31.45	1.05
70	gi|80478871|gb|AAI09054.1|	300	314	15346	4.19	1.55	4.19	0.09	40.08	15.06	27.15	1.2
70	gi|80478871|gb|AAI09054.1|	301	315	15347	6.16	1.75	6.16	0.16	43.1	17.08	32.47	2.92
70	gi|80478871|gb|AAI09054.1|	302	316	15348	7.65	1.75	7.65	4.8	49.25	20.75	30.23	2.92
70	gi|80478871|gb|AAI09054.1|	303	317	15349	9.86	1.75	9.86	7.1	54.14	13.62	30.23	0.47
70	gi|80478871|gb|AAI09054.1|	304	318	15350	10.03	2.71	11.03	7.1	56.27	10.03	30.23	0.47
70	gi|80478871|gb|AAI09054.1|	305	319	15351	9.86	2.71	11.03	7.16	58.04	9.86	30.23	0.48
70	gi|80478871|gb|AAI09054.1|	306	320	15352	7.21	2.71	11.03	7.21	53.12	7	30.23	0.47
70	gi|80478871|gb|AAI09054.1|	307	321	15353	10.34	2.71	11.03	10.34	61.02	7.29	30.23	0.49
70	gi|80478871|gb|AAI09054.1|	308	322	15354	10.34	2.71	15.67	10.34	66.11	10.16	30.23	1.85

Table 2

70	gi|80478871|gb|AAI09054.1|	316	330	15355	19.57	13.31	40.43	19.57	6.92	40.56	44.82	18.44
70	gi|80478871|gb|AAI09054.1|	318	332	15356	14.41	14.41	26.09	13.73	26.37	13.85	61.6	0.07
70	gi|80478871|gb|AAI09054.1|	319	333	15357	14.41	14.41	33.03	14.24	33.89	10.51	61.27	0.07
70	gi|80478871|gb|AAI09054.1|	320	334	15358	17.13	14.41	35.02	17.13	36.89	8.12	63.02	0.07
70	gi|80478871|gb|AAI09054.1|	321	335	15359	10.21	10.21	42.4	10.21	37.18	6.66	65.88	0.06
70	gi|80478871|gb|AAI09054.1|	322	336	15360	10.58	10.58	12.76	10.67	8.48	7.02	15.47	0.04
70	gi|80478871|gb|AAI09054.1|	323	337	15361	11.52	13.41	21.61	8.11	11.52	8.04	18.79	0.09
70	gi|80478871|gb|AAI09054.1|	324	338	15362	13.35	3.54	20.43	6.53	13.35	16.08	27.33	0.09
71	gi|54696182|gb|AAV38463.1|	22	36	15363	18.18	15.95	54.97	5.27	27.26	42.64	18.18	2.34
71	gi|54696182|gb|AAV38463.1|	23	37	15364	17.92	16.79	61.69	7.22	26.65	42.87	17.92	2.43
71	gi|54696182|gb|AAV38463.1|	38	52	15365	16.27	10.25	0.05	25.84	49.37	16.27	36.78	10.43
71	gi|54696182|gb|AAV38463.1|	39	53	15366	14.98	10.25	0.1	27.2	49.37	14.98	38.86	10.4
71	gi|54696182|gb|AAV38463.1|	40	54	15367	16.39	10.25	0.21	27.99	49.37	16.39	36.03	10.39
71	gi|54696182|gb|AAV38463.1|	41	55	15368	18.9	10.25	0.34	28.37	49.37	18.9	35.49	10.02
71	gi|54696182|gb|AAV38463.1|	43	57	15369	16.25	10.25	0.96	39.9	49.37	60.43	16.25	7.85
71	gi|54696182|gb|AAV38463.1|	112	126	15370	15.23	5.69	7.64	15.23	71.9	39.46	10.28	20.23
71	gi|54696182|gb|AAV38463.1|	113	127	15371	14.78	5.69	8.38	14.78	71.12	18.77	6.64	15.91
71	gi|54696182|gb|AAV38463.1|	114	128	15372	15.22	5.69	10.27	15.35	70.33	15.22	4.45	15.91
71	gi|54696182|gb|AAV38463.1|	115	129	15373	10.89	5.69	7.5	24.65	53.02	10.89	4.47	15.91
71	gi|54696182|gb|AAV38463.1|	116	130	15374	13.45	5.69	9.75	26.26	37.98	13.45	4.56	15.91
71	gi|54696182|gb|AAV38463.1|	117	131	15375	18.39	13.73	14.57	34.36	37.98	18.39	21.92	15.91
71	gi|54696182|gb|AAV38463.1|	152	166	15376	15.91	8.2	56.28	9.1	33.01	69.92	10.01	15.91
71	gi|54696182|gb|AAV38463.1|	153	167	15377	15.9	8.19	62.7	8.01	32.57	56.58	7.06	15.9
71	gi|54696182|gb|AAV38463.1|	154	168	15378	15.9	8.09	67.45	8.01	32.72	50.06	5.46	15.9
71	gi|54696182|gb|AAV38463.1|	155	169	15379	15.9	7.56	66.51	8.01	30.51	40.83	4.25	15.9
71	gi|54696182|gb|AAV38463.1|	156	170	15380	8.01	7.62	22.53	8.01	41.64	37.8	6.31	5.12
71	gi|54696182|gb|AAV38463.1|	157	171	15381	9.62	18.61	8.6	8.21	50.61	32.99	9.62	6.08
71	gi|54696182|gb|AAV38463.1|	158	172	15382	12.53	13.11	12.53	8.88	58.13	35.43	11.6	6.3
71	gi|54696182|gb|AAV38463.1|	159	173	15383	11.09	10.25	11.09	14.53	18.63	35.19	8.5	6.02
71	gi|54696182|gb|AAV38463.1|	160	174	15384	14.28	10.25	14.28	14.82	18.63	33.07	9.82	5.21
71	gi|54696182|gb|AAV38463.1|	161	175	15385	16.15	10.25	14.06	23.74	18.63	30.09	16.15	7.75
71	gi|54696182|gb|AAV38463.1|	162	176	15386	18.63	10.25	17.19	28.38	18.63	36.37	19.11	7.93
71	gi|54696182|gb|AAV38463.1|	169	183	15387	15.91	1.26	19.91	26.17	30.25	12.47	13.84	15.91
71	gi|54696182|gb|AAV38463.1|	170	184	15388	19.86	1.16	19.29	23.86	29.54	8.44	19.86	24.13
71	gi|54696182|gb|AAV38463.1|	171	185	15389	13.55	1.9	19.29	13.55	38.32	6.08	15.89	1.08
71	gi|54696182|gb|AAV38463.1|	172	186	15390	12.46	3.32	12.46	17.93	38.66	6.61	15.48	1.07
71	gi|54696182|gb|AAV38463.1|	173	187	15391	13.87	5.78	13.87	17.93	38.66	7.96	20.13	1.05
71	gi|54696182|gb|AAV38463.1|	174	188	15392	13.58	10.25	13.58	13.64	37.86	10.5	19.14	1.1
71	gi|54696182|gb|AAV38463.1|	175	189	15393	16.06	10.25	21.94	13.64	37.86	16.06	19.14	1.15
71	gi|54696182|gb|AAV38463.1|	176	190	15394	19.14	10.25	26.55	13.64	37.86	24.35	19.14	3.36
71	gi|54696182|gb|AAV38463.1|	177	191	15395	19.14	10.25	30.25	13.64	37.86	29.81	19.14	3.38
71	gi|54696182|gb|AAV38463.1|	187	201	15396	16.52	31.13	13.38	17.52	16.12	15.14	25.22	16.52
71	gi|54696182|gb|AAV38463.1|	188	202	15397	13.75	31.13	8.97	13.75	16.12	7.06	19.17	1.16
71	gi|54696182|gb|AAV38463.1|	189	203	15398	13.69	31.13	9.09	13.69	16.12	6.27	18.8	1.16
71	gi|54696182|gb|AAV38463.1|	190	204	15399	13.64	32.04	12.46	21.73	16.12	7.68	13.64	1.16
71	gi|54696182|gb|AAV38463.1|	191	205	15400	11.4	3.31	12.72	11.4	16.12	7.27	13.64	1.16
71	gi|54696182|gb|AAV38463.1|	192	206	15401	8.18	3.31	11.45	2.62	16.12	8.18	13.64	1.16
71	gi|54696182|gb|AAV38463.1|	193	207	15402	12.47	2.61	14.74	2.17	16.12	12.47	13.64	1.16

Table 2

71	gi|54696182|gb|AAV38463.1|	194	208	15403	13.64	1.91	15.9	2.33	24.93	17.42	13.64	1.16
71	gi|54696182|gb|AAV38463.1|	195	209	15404	13.64	3.2	26.33	2.08	24.93	17.2	13.64	5.35
71	gi|54696182|gb|AAV38463.1|	196	210	15405	13.64	3.31	21.43	3.2	24.93	15.68	13.64	6.37
71	gi|54696182|gb|AAV38463.1|	197	211	15406	17.63	3.31	20.88	4.81	38.83	17.63	20.15	8.96
71	gi|54696182|gb|AAV38463.1|	203	217	15407	10.92	10.92	3.43	5.81	23.23	20.67	19.71	2.49
71	gi|54696182|gb|AAV38463.1|	204	218	15408	4.61	1.77	4.59	4.61	22.78	12.71	19.71	2.1
71	gi|54696182|gb|AAV38463.1|	205	219	15409	4.28	1.74	4.28	3.77	23.02	8.92	19.71	2.57
71	gi|54696182|gb|AAV38463.1|	206	220	15410	7.06	1.86	7.06	4.59	25.55	9.72	34.76	4.51
71	gi|54696182|gb|AAV38463.1|	207	221	15411	9.55	1.86	9.55	5.71	36.19	11.63	34.74	7.17
71	gi|54696182|gb|AAV38463.1|	208	222	15412	13.23	2.7	13.23	7.02	47.07	18.11	47.9	8.92
71	gi|54696182|gb|AAV38463.1|	209	223	15413	17.85	7.01	17.85	10.16	57.94	39.03	47.9	8.92
71	gi|54696182|gb|AAV38463.1|	227	241	15414	19.73	31.47	13.39	12.8	60.03	19.73	28.81	6.52
71	gi|54696182|gb|AAV38463.1|	228	242	15415	18.68	27.22	15.76	14.33	68.95	18.68	27.46	5.05
71	gi|54696182|gb|AAV38463.1|	229	243	15416	15.87	31.37	12.67	17.6	65.92	15.87	11.65	5.05
71	gi|54696182|gb|AAV38463.1|	230	244	15417	18.46	34.56	15.03	31.52	66.97	18.46	10.43	5.05
71	gi|54696182|gb|AAV38463.1|	231	245	15418	15.7	18.11	15.7	12.25	71.31	18.34	10.07	5.05
71	gi|54696182|gb|AAV38463.1|	232	246	15419	16.17	17.67	16.17	11.53	74.88	20.59	9.51	5.05
71	gi|54696182|gb|AAV38463.1|	233	247	15420	15.89	15.89	18.57	6.55	54.97	24.94	11.32	6.31
71	gi|54696182|gb|AAV38463.1|	234	248	15421	17.03	17.03	21.21	4.33	50.96	26.85	13.05	5.41
71	gi|54696182|gb|AAV38463.1|	235	249	15422	17.03	17.03	26.49	4.59	45.36	31.21	13.89	7.03
71	gi|54696182|gb|AAV38463.1|	241	255	15423	14.88	9.61	14.88	15.56	11.63	44.82	14.31	20.38
71	gi|54696182|gb|AAV38463.1|	242	256	15424	12.6	18.4	8.3	12.6	11.63	33.28	9.04	20.38
71	gi|54696182|gb|AAV38463.1|	243	257	15425	14.32	18.55	13.03	14.32	11.63	28.96	6.41	21.01
71	gi|54696182|gb|AAV38463.1|	244	258	15426	11.63	6.71	17.04	14.04	11.63	21.26	4.95	8.92
71	gi|54696182|gb|AAV38463.1|	245	259	15427	11.63	10.84	21	14.32	11.63	17.77	4.42	8.92
71	gi|54696182|gb|AAV38463.1|	246	260	15428	10.36	12.22	24.92	10.36	4.01	20.6	7	8.92
71	gi|54696182|gb|AAV38463.1|	247	261	15429	17.54	33.46	23.56	17.54	4.01	22.76	8.31	8.92
71	gi|54696182|gb|AAV38463.1|	249	263	15430	13.71	6.71	30.27	32.47	4.01	32.39	13.71	11.28
71	gi|54696182|gb|AAV38463.1|	250	264	15431	13.98	6.71	34.47	32.33	4.01	38.43	13.98	11.21
71	gi|54696182|gb|AAV38463.1|	259	273	15432	8.35	4.37	53.12	7.18	8.35	5.25	13.86	9.97
71	gi|54696182|gb|AAV38463.1|	260	274	15433	7.99	4.37	58.47	7.24	7.99	1.62	11.23	9.97
71	gi|54696182|gb|AAV38463.1|	261	275	15434	7.76	3.74	60.25	7.24	7.76	0.99	8	9.97
71	gi|54696182|gb|AAV38463.1|	262	276	15435	7.86	2.86	62.1	7.86	7.77	0.94	8.13	9.97
71	gi|54696182|gb|AAV38463.1|	263	277	15436	10.31	4.77	62.43	12.19	12.99	1.88	8.88	10.31
71	gi|54696182|gb|AAV38463.1|	264	278	15437	13.95	4.77	62.27	13.95	20.35	4.74	6.73	24.2
71	gi|54696182|gb|AAV38463.1|	271	285	15438	14.67	5.24	15.13	12.6	4.76	54.95	25.89	14.67
71	gi|54696182|gb|AAV38463.1|	283	297	15439	4.69	3.61	25.57	2.61	7.46	7.59	2.18	4.69
71	gi|54696182|gb|AAV38463.1|	284	298	15440	0.35	3.22	0.45	0.35	0.04	0.19	1.13	0.05
71	gi|54696182|gb|AAV38463.1|	285	299	15441	0.31	2.79	0.34	0.31	0.03	0.06	1.04	0.05
71	gi|54696182|gb|AAV38463.1|	286	300	15442	0.26	1.49	0.27	0.26	0.03	0.01	0.8	0.05
71	gi|54696182|gb|AAV38463.1|	287	301	15443	0.23	1.51	0.29	0.23	0.03	0.01	0.73	0.05
71	gi|54696182|gb|AAV38463.1|	288	302	15444	0.33	1.7	0.35	0.33	0.03	0.02	0.9	0.05
71	gi|54696182|gb|AAV38463.1|	289	303	15445	0.53	1.65	0.53	1.39	0.36	0.08	1.35	0.27
71	gi|54696182|gb|AAV38463.1|	290	304	15446	1.88	2.71	0.83	1.88	17.47	2.33	1.46	0.28
71	gi|54696182|gb|AAV38463.1|	291	305	15447	14.66	4.95	14.66	9.28	33.38	34.38	1.72	19.51
71	gi|54696182|gb|AAV38463.1|	292	306	15448	8.12	6.86	39.31	8.12	36.07	54.15	2.05	3.46
71	gi|54696182|gb|AAV38463.1|	293	307	15449	5.19	7.25	5.19	0.1	37.96	54.7	2.22	1.05
71	gi|54696182|gb|AAV38463.1|	294	308	15450	2.5	7.12	2.3	0.09	36	42.28	2.5	1.05

Table 2

71	gi|54696182|gb|AAV38463.1|	295	309	15451	2.49	1.55	2.49	0.04	38.56	28.98	2.51	1.05
71	gi|54696182|gb|AAV38463.1|	296	310	15452	1.85	1.55	1.85	0.03	35.19	16.67	4.47	1.05
71	gi|54696182|gb|AAV38463.1|	297	311	15453	3.04	1.55	3.04	0.04	36.63	16.15	31.45	1.05
71	gi|54696182|gb|AAV38463.1|	298	312	15454	4.19	1.55	4.19	0.09	40.08	15.06	27.15	1.2
71	gi|54696182|gb|AAV38463.1|	299	313	15455	6.16	1.75	6.16	0.16	43.1	17.08	32.47	2.92
71	gi|54696182|gb|AAV38463.1|	300	314	15456	7.65	1.75	7.65	4.8	49.25	20.75	30.23	2.92
71	gi|54696182|gb|AAV38463.1|	301	315	15457	9.86	1.75	9.86	7.1	54.14	13.62	30.23	0.47
71	gi|54696182|gb|AAV38463.1|	302	316	15458	10.03	2.71	11.03	7.1	56.27	10.03	30.23	0.47
71	gi|54696182|gb|AAV38463.1|	303	317	15459	9.86	2.71	11.03	7.16	58.04	9.86	30.23	0.48
71	gi|54696182|gb|AAV38463.1|	304	318	15460	7.21	2.71	11.03	7.21	53.12	7	30.23	0.47
71	gi|54696182|gb|AAV38463.1|	305	319	15461	10.34	2.71	11.03	10.34	61.02	7.29	30.23	0.49
71	gi|54696182|gb|AAV38463.1|	306	320	15462	10.34	2.71	15.67	10.34	66.11	10.16	30.23	1.85
71	gi|54696182|gb|AAV38463.1|	314	328	15463	19.57	13.31	40.43	19.57	6.92	40.56	44.82	18.44
71	gi|54696182|gb|AAV38463.1|	316	330	15464	14.41	14.41	26.09	13.73	26.37	13.85	61.6	0.07
71	gi|54696182|gb|AAV38463.1|	317	331	15465	14.41	14.41	33.03	14.24	33.89	10.51	61.27	0.07
71	gi|54696182|gb|AAV38463.1|	318	332	15466	17.13	14.41	35.02	17.13	36.89	8.12	63.02	0.07
71	gi|54696182|gb|AAV38463.1|	319	333	15467	10.21	10.21	42.4	10.21	37.18	6.66	65.88	0.06
71	gi|54696182|gb|AAV38463.1|	320	334	15468	10.58	10.58	12.76	10.67	8.48	7.02	15.47	0.04
71	gi|54696182|gb|AAV38463.1|	321	335	15469	11.52	13.41	21.61	8.11	11.52	8.04	18.79	0.09
71	gi|54696182|gb|AAV38463.1|	322	336	15470	13.35	3.54	20.43	6.53	13.35	16.08	27.33	0.09
72	gi|339492|gb|AAA36731.1|	22	36	15471	18.18	15.95	54.97	5.27	27.26	42.64	18.18	2.34
72	gi|339492|gb|AAA36731.1|	23	37	15472	17.92	16.79	61.69	7.22	26.65	42.87	17.92	2.43
72	gi|339492|gb|AAA36731.1|	38	52	15473	16.27	10.25	0.05	25.84	49.37	16.27	36.78	10.43
72	gi|339492|gb|AAA36731.1|	39	53	15474	14.98	10.25	0.1	27.2	49.37	14.98	38.86	10.4
72	gi|339492|gb|AAA36731.1|	40	54	15475	16.39	10.25	0.21	27.99	49.37	16.39	36.03	10.39
72	gi|339492|gb|AAA36731.1|	41	55	15476	18.9	10.25	0.34	28.37	49.37	18.9	35.49	10.02
72	gi|339492|gb|AAA36731.1|	43	57	15477	16.25	10.25	0.96	39.9	49.37	60.43	16.25	7.85
72	gi|339492|gb|AAA36731.1|	115	129	15478	15.23	5.69	7.64	15.23	71.9	39.46	10.28	20.23
72	gi|339492|gb|AAA36731.1|	116	130	15479	14.78	5.69	8.38	14.78	71.12	18.77	6.64	15.91
72	gi|339492|gb|AAA36731.1|	117	131	15480	15.22	5.69	10.27	15.35	70.33	15.22	4.45	15.91
72	gi|339492|gb|AAA36731.1|	118	132	15481	10.89	5.69	7.5	24.65	53.02	10.89	4.47	15.91
72	gi|339492|gb|AAA36731.1|	119	133	15482	13.45	5.69	9.75	26.26	37.98	13.45	4.56	15.91
72	gi|339492|gb|AAA36731.1|	120	134	15483	18.39	13.73	14.57	34.36	37.98	18.39	21.92	15.91
72	gi|339492|gb|AAA36731.1|	155	169	15484	15.91	8.2	56.28	9.1	33.01	69.92	10.01	15.91
72	gi|339492|gb|AAA36731.1|	156	170	15485	15.9	8.19	62.7	8.01	32.57	56.58	7.06	15.9
72	gi|339492|gb|AAA36731.1|	157	171	15486	15.9	8.09	67.45	8.01	32.72	50.06	5.46	15.9
72	gi|339492|gb|AAA36731.1|	158	172	15487	15.9	7.56	66.51	8.01	30.51	40.83	4.25	15.9
72	gi|339492|gb|AAA36731.1|	159	173	15488	8.01	7.62	22.53	8.01	41.64	37.8	6.31	5.12
72	gi|339492|gb|AAA36731.1|	160	174	15489	9.62	18.61	8.6	8.21	50.61	32.99	9.62	6.08
72	gi|339492|gb|AAA36731.1|	161	175	15490	12.53	13.11	12.53	8.88	58.13	35.43	11.6	6.3
72	gi|339492|gb|AAA36731.1|	162	176	15491	11.09	10.25	11.09	14.53	18.63	35.19	8.5	6.02
72	gi|339492|gb|AAA36731.1|	163	177	15492	14.28	10.25	14.28	14.82	18.63	33.07	9.82	5.21
72	gi|339492|gb|AAA36731.1|	164	178	15493	16.15	10.25	14.06	23.74	18.63	30.09	16.15	7.75
72	gi|339492|gb|AAA36731.1|	165	179	15494	18.63	10.25	17.19	28.38	18.63	36.37	19.11	7.93
72	gi|339492|gb|AAA36731.1|	172	186	15495	15.91	1.26	19.91	26.17	30.25	12.47	13.84	15.91
72	gi|339492|gb|AAA36731.1|	173	187	15496	19.86	1.16	19.29	23.86	29.54	8.44	19.86	24.13
72	gi|339492|gb|AAA36731.1|	174	188	15497	13.55	1.9	19.29	13.55	38.32	6.08	15.89	1.08
72	gi|339492|gb|AAA36731.1|	175	189	15498	12.46	3.32	12.46	17.93	38.66	6.61	15.48	1.07

Table 2

72	gi|339492|gb|AAA36731.1|	176	190	15499	13.87	5.78	13.87	17.93	38.66	7.96	20.13	1.05
72	gi|339492|gb|AAA36731.1|	177	191	15500	13.58	10.25	13.58	13.64	37.86	10.5	19.14	1.1
72	gi|339492|gb|AAA36731.1|	178	192	15501	16.06	10.25	21.94	13.64	37.86	16.06	19.14	1.15
72	gi|339492|gb|AAA36731.1|	179	193	15502	19.14	10.25	26.55	13.64	37.86	24.35	19.14	3.36
72	gi|339492|gb|AAA36731.1|	180	194	15503	19.14	10.25	30.25	13.64	37.86	29.81	19.14	3.38
72	gi|339492|gb|AAA36731.1|	190	204	15504	16.52	31.13	13.38	17.52	16.12	15.14	25.22	16.52
72	gi|339492|gb|AAA36731.1|	191	205	15505	13.75	31.13	8.97	13.75	16.12	7.06	19.17	1.16
72	gi|339492|gb|AAA36731.1|	192	206	15506	13.69	31.13	9.09	13.69	16.12	6.27	18.8	1.16
72	gi|339492|gb|AAA36731.1|	193	207	15507	13.64	32.04	12.46	21.73	16.12	7.68	13.64	1.16
72	gi|339492|gb|AAA36731.1|	194	208	15508	11.4	3.31	12.72	11.4	16.12	7.27	13.64	1.16
72	gi|339492|gb|AAA36731.1|	195	209	15509	8.18	3.31	11.45	2.62	16.12	8.18	13.64	1.16
72	gi|339492|gb|AAA36731.1|	196	210	15510	12.47	2.61	14.74	2.17	16.12	12.47	13.64	1.16
72	gi|339492|gb|AAA36731.1|	197	211	15511	13.64	1.91	15.9	2.33	24.93	17.42	13.64	1.16
72	gi|339492|gb|AAA36731.1|	198	212	15512	13.64	3.2	26.33	2.08	24.93	17.2	13.64	5.35
72	gi|339492|gb|AAA36731.1|	199	213	15513	13.64	3.31	21.43	3.2	24.93	15.68	13.64	6.37
72	gi|339492|gb|AAA36731.1|	200	214	15514	17.63	3.31	20.88	4.81	38.83	17.63	20.15	8.96
72	gi|339492|gb|AAA36731.1|	206	220	15515	10.92	10.92	3.43	5.81	23.23	20.67	19.71	2.49
72	gi|339492|gb|AAA36731.1|	207	221	15516	4.61	1.77	4.59	4.61	22.78	12.71	19.71	2.1
72	gi|339492|gb|AAA36731.1|	208	222	15517	4.28	1.74	4.28	3.77	23.02	8.92	19.71	2.57
72	gi|339492|gb|AAA36731.1|	209	223	15518	7.06	1.86	7.06	4.59	25.55	9.72	34.76	4.51
72	gi|339492|gb|AAA36731.1|	210	224	15519	9.55	1.86	9.55	5.71	36.19	11.63	34.74	7.17
72	gi|339492|gb|AAA36731.1|	211	225	15520	13.23	2.7	13.23	7.02	47.07	18.11	47.9	8.92
72	gi|339492|gb|AAA36731.1|	212	226	15521	17.85	7.01	17.85	10.16	57.94	39.03	47.9	8.92
72	gi|339492|gb|AAA36731.1|	230	244	15522	19.73	31.47	13.39	12.8	60.03	19.73	28.81	6.52
72	gi|339492|gb|AAA36731.1|	231	245	15523	18.68	27.22	15.76	14.33	68.95	18.68	27.46	5.05
72	gi|339492|gb|AAA36731.1|	232	246	15524	15.87	31.37	12.67	17.6	65.92	15.87	11.65	5.05
72	gi|339492|gb|AAA36731.1|	233	247	15525	18.46	34.56	15.03	31.52	66.97	18.46	10.43	5.05
72	gi|339492|gb|AAA36731.1|	234	248	15526	15.7	18.11	15.7	12.25	71.31	18.34	10.07	5.05
72	gi|339492|gb|AAA36731.1|	235	249	15527	16.17	17.67	16.17	11.53	74.88	20.59	9.51	5.05
72	gi|339492|gb|AAA36731.1|	236	250	15528	15.89	15.89	18.57	6.55	54.97	24.94	11.32	6.31
72	gi|339492|gb|AAA36731.1|	237	251	15529	17.03	17.03	21.21	4.33	50.96	26.85	13.05	5.41
72	gi|339492|gb|AAA36731.1|	238	252	15530	17.03	17.03	26.49	4.59	45.36	31.21	13.89	7.03
72	gi|339492|gb|AAA36731.1|	244	258	15531	14.88	9.61	14.88	15.56	11.63	44.82	14.31	20.38
72	gi|339492|gb|AAA36731.1|	245	259	15532	12.6	18.4	8.3	12.6	11.63	33.28	9.04	20.38
72	gi|339492|gb|AAA36731.1|	246	260	15533	14.32	18.55	13.03	14.32	11.63	28.96	6.41	21.01
72	gi|339492|gb|AAA36731.1|	247	261	15534	11.63	6.71	17.04	14.04	11.63	21.26	4.95	8.92
72	gi|339492|gb|AAA36731.1|	248	262	15535	11.63	10.84	21	14.32	11.63	17.77	4.42	8.92
72	gi|339492|gb|AAA36731.1|	249	263	15536	10.36	12.22	24.92	10.36	4.01	20.6	7	8.92
72	gi|339492|gb|AAA36731.1|	250	264	15537	17.54	33.46	23.56	17.54	4.01	22.76	8.31	8.92
72	gi|339492|gb|AAA36731.1|	252	266	15538	13.71	6.71	30.27	32.47	4.01	32.39	13.71	11.28
72	gi|339492|gb|AAA36731.1|	253	267	15539	13.98	6.71	34.47	32.33	4.01	38.43	13.98	11.21
72	gi|339492|gb|AAA36731.1|	260	274	15540	18.98	17.89	53.12	18.98	4.43	65.45	13.87	21.07
72	gi|339492|gb|AAA36731.1|	262	276	15541	17.18	4.37	53.12	7.96	17.97	25.39	2.64	17.18
72	gi|339492|gb|AAA36731.1|	263	277	15542	17.09	4.37	58.83	8.03	17.09	17.14	2.58	17.18
72	gi|339492|gb|AAA36731.1|	264	278	15543	14.44	4.37	61.5	7.94	15.97	14.44	2.85	14.67
72	gi|339492|gb|AAA36731.1|	265	279	15544	14.95	6.18	66.81	8.75	14.99	14.95	2.85	17.04
72	gi|339492|gb|AAA36731.1|	267	281	15545	15.54	3.31	10.85	16.37	26.29	27.8	2.18	15.54
72	gi|339492|gb|AAA36731.1|	268	282	15546	17.41	3.31	11.63	29.16	29.22	44.13	3.69	17.41

Table 2

72	gi|339492|gb|AAA36731.1|	269	283	15547	17.33	3.31	12.08	33.33	33.76	37.95	3.3	17.33
72	gi|339492|gb|AAA36731.1|	270	284	15548	15.5	3.31	14.88	22.9	31.64	39.94	2.55	15.5
72	gi|339492|gb|AAA36731.1|	271	285	15549	18	3.31	18	20.45	37.82	44.66	3.62	16.01
72	gi|339492|gb|AAA36731.1|	274	288	15550	14.67	5.24	15.13	12.6	4.76	54.95	25.89	14.67
72	gi|339492|gb|AAA36731.1|	286	300	15551	4.69	3.61	25.57	2.61	7.46	7.59	2.18	4.69
72	gi|339492|gb|AAA36731.1|	287	301	15552	0.35	3.22	0.45	0.35	0.04	0.19	1.13	0.05
72	gi|339492|gb|AAA36731.1|	288	302	15553	0.31	2.79	0.34	0.31	0.03	0.06	1.04	0.05
72	gi|339492|gb|AAA36731.1|	289	303	15554	0.26	1.49	0.27	0.26	0.03	0.01	0.8	0.05
72	gi|339492|gb|AAA36731.1|	290	304	15555	0.23	1.51	0.29	0.23	0.03	0.01	0.73	0.05
72	gi|339492|gb|AAA36731.1|	291	305	15556	0.33	1.7	0.35	0.33	0.03	0.02	0.9	0.05
72	gi|339492|gb|AAA36731.1|	292	306	15557	0.53	1.65	0.53	1.39	0.36	0.08	1.35	0.27
72	gi|339492|gb|AAA36731.1|	293	307	15558	1.88	2.71	0.83	1.88	17.47	2.33	1.46	0.28
72	gi|339492|gb|AAA36731.1|	294	308	15559	14.66	4.95	14.66	9.28	33.38	34.38	1.72	19.51
72	gi|339492|gb|AAA36731.1|	295	309	15560	8.12	6.86	39.31	8.12	36.07	54.15	2.05	3.46
72	gi|339492|gb|AAA36731.1|	296	310	15561	5.19	7.25	5.19	0.1	37.96	54.7	2.22	1.05
72	gi|339492|gb|AAA36731.1|	297	311	15562	2.5	7.12	2.3	0.09	36	42.28	2.5	1.05
72	gi|339492|gb|AAA36731.1|	298	312	15563	2.49	1.55	2.49	0.04	38.56	28.98	2.51	1.05
72	gi|339492|gb|AAA36731.1|	299	313	15564	1.85	1.55	1.85	0.03	35.19	16.67	4.47	1.05
72	gi|339492|gb|AAA36731.1|	300	314	15565	3.04	1.55	3.04	0.04	36.63	16.15	31.45	1.05
72	gi|339492|gb|AAA36731.1|	301	315	15566	4.19	1.55	4.19	0.09	40.08	15.06	27.15	1.2
72	gi|339492|gb|AAA36731.1|	302	316	15567	6.16	1.75	6.16	0.16	43.1	17.08	32.47	2.92
72	gi|339492|gb|AAA36731.1|	303	317	15568	7.65	1.75	7.65	4.8	49.25	20.75	30.23	2.92
72	gi|339492|gb|AAA36731.1|	304	318	15569	9.86	1.75	9.86	7.1	54.14	13.62	30.23	0.47
72	gi|339492|gb|AAA36731.1|	305	319	15570	10.03	2.71	11.03	7.1	56.27	10.03	30.23	0.47
72	gi|339492|gb|AAA36731.1|	306	320	15571	9.86	2.71	11.03	7.16	58.04	9.86	30.23	0.48
72	gi|339492|gb|AAA36731.1|	307	321	15572	7.21	2.71	11.03	7.21	53.12	7	30.23	0.47
72	gi|339492|gb|AAA36731.1|	308	322	15573	10.34	2.71	11.03	10.34	61.02	7.29	30.23	0.49
72	gi|339492|gb|AAA36731.1|	309	323	15574	10.34	2.71	15.67	10.34	66.11	10.16	30.23	1.85
72	gi|339492|gb|AAA36731.1|	317	331	15575	19.57	13.31	40.43	19.57	6.92	40.56	44.82	18.44
72	gi|339492|gb|AAA36731.1|	319	333	15576	14.41	14.41	26.09	13.73	26.37	13.85	61.6	0.07
72	gi|339492|gb|AAA36731.1|	320	334	15577	14.41	14.41	33.03	14.24	33.89	10.51	61.27	0.07
72	gi|339492|gb|AAA36731.1|	321	335	15578	17.13	14.41	35.02	17.13	36.89	8.12	63.02	0.07
72	gi|339492|gb|AAA36731.1|	322	336	15579	10.21	10.21	42.4	10.21	37.18	6.66	65.88	0.06
72	gi|339492|gb|AAA36731.1|	323	337	15580	10.58	10.58	12.76	10.67	8.48	7.02	15.47	0.04
72	gi|339492|gb|AAA36731.1|	324	338	15581	11.52	13.41	21.61	8.11	11.52	8.04	18.79	0.09
72	gi|339492|gb|AAA36731.1|	325	339	15582	13.35	3.54	20.43	6.53	13.35	16.08	27.33	0.09
73	gi|18490397|gb|AAH22532.1|	4	18	15583	17.74	25.03	11.91	3.63	17.74	88.3	24.73	4.14
73	gi|18490397|gb|AAH22532.1|	5	19	15584	17.74	20.06	6.16	3.43	17.74	71.47	24.73	3.81
73	gi|18490397|gb|AAH22532.1|	6	20	15585	8.01	4.44	8.01	3.56	17.74	36.1	24.73	3.41
73	gi|18490397|gb|AAH22532.1|	7	21	15586	6.83	4.17	6.83	3.93	18.41	19.91	24.73	3.44
73	gi|18490397|gb|AAH22532.1|	8	22	15587	8.67	4.19	8.12	8.67	16.89	18.77	24.73	6.38
73	gi|18490397|gb|AAH22532.1|	9	23	15588	10.99	3.59	10.34	10.99	16.78	16.39	27.42	5.72
73	gi|18490397|gb|AAH22532.1|	10	24	15589	19.56	10.25	13.13	23.66	24.54	19.56	27.54	9.43
73	gi|18490397|gb|AAH22532.1|	103	117	15590	19.24	58.7	35.16	12.39	12.85	51.99	19.24	6.92
73	gi|18490397|gb|AAH22532.1|	104	118	15591	19.24	70.94	28.78	12.2	17.12	33.61	19.24	6.84
73	gi|18490397|gb|AAH22532.1|	105	119	15592	19.24	70.94	28.78	12.51	17.21	34.59	19.24	7.08
73	gi|18490397|gb|AAH22532.1|	106	120	15593	19.24	70.94	28.78	12.32	16.47	31.11	19.24	5.78
73	gi|18490397|gb|AAH22532.1|	107	121	15594	19.24	70.94	28.78	12.69	13.7	35.45	19.24	5.87

Table 2

73	gi|18490397|gb|AAH22532.1|	122	136	15595	11.34	1.63	31.78	11.34	47.66	10.84	74.9	0.38
73	gi|18490397|gb|AAH22532.1|	123	137	15596	17.06	1.73	32.96	17.06	46.85	5.24	74.9	0.38
73	gi|18490397|gb|AAH22532.1|	124	138	15597	2.36	1.61	2.14	10.19	42.36	2.36	61.93	0.38
73	gi|18490397|gb|AAH22532.1|	125	139	15598	1.73	1.51	1.73	9.72	34.78	1.22	24.69	0.38
73	gi|18490397|gb|AAH22532.1|	126	140	15599	2.24	1.49	2.24	11.8	34.78	1.57	24.69	0.38
73	gi|18490397|gb|AAH22532.1|	127	141	15600	3.73	3.73	2.36	10.92	18.6	2.16	24.69	0.75
73	gi|18490397|gb|AAH22532.1|	128	142	15601	6.66	3.85	2.7	11.89	18.6	6.66	24.69	0.81
73	gi|18490397|gb|AAH22532.1|	129	143	15602	18.6	15.02	4.21	21.56	18.6	25.27	24.69	5.05
73	gi|18490397|gb|AAH22532.1|	130	144	15603	18.62	18.62	5.95	24.7	18.6	47.06	24.69	5.05
73	gi|18490397|gb|AAH22532.1|	148	162	15604	16.15	26.99	41.93	3.58	3.25	16.15	54.52	14.79
73	gi|18490397|gb|AAH22532.1|	169	183	15605	19.19	0.68	32.84	41.2	0.05	19.19	61.08	10.73
73	gi|18490397|gb|AAH22532.1|	170	184	15606	16.59	0.68	25.4	32.53	0.04	7.49	34.77	16.59
73	gi|18490397|gb|AAH22532.1|	171	185	15607	15.91	0.68	29.46	33.98	0.05	5.09	32.33	15.91
73	gi|18490397|gb|AAH22532.1|	172	186	15608	15.91	0.68	34.4	33.97	0.05	4.65	30.63	15.91
73	gi|18490397|gb|AAH22532.1|	173	187	15609	15.91	0.68	39.15	34.26	0.14	5.68	28.51	15.91
73	gi|18490397|gb|AAH22532.1|	174	188	15610	8.83	1.04	33.37	22.22	0.33	8.83	8.5	25.18
73	gi|18490397|gb|AAH22532.1|	194	208	15611	19.52	4.89	14.4	78.44	9.23	33.93	78.14	19.52
73	gi|18490397|gb|AAH22532.1|	195	209	15612	19.77	3.55	16.98	73.19	8.48	30.13	65.25	19.77
73	gi|18490397|gb|AAH22532.1|	196	210	15613	19.87	3.12	19.87	33.91	13.3	32.27	46.87	19.06
73	gi|18490397|gb|AAH22532.1|	220	234	15614	6.18	31.91	0.96	5.28	32.99	4.61	83.87	6.18
73	gi|18490397|gb|AAH22532.1|	221	235	15615	6.18	23.41	0.99	3.8	18.26	1.21	82.85	6.18
73	gi|18490397|gb|AAH22532.1|	222	236	15616	6.18	19.71	1.5	3.38	15.97	0.7	79.07	6.18
73	gi|18490397|gb|AAH22532.1|	223	237	15617	4.16	19.76	2.39	3.86	4.16	0.67	30.78	6.18
73	gi|18490397|gb|AAH22532.1|	224	238	15618	5.67	20.23	3.73	5.67	4.16	1.32	23.07	6.18
73	gi|18490397|gb|AAH22532.1|	225	239	15619	7.26	28.79	5.27	7.26	4.16	3.71	24.3	9.35
73	gi|18490397|gb|AAH22532.1|	226	240	15620	7.02	16.11	5.02	0.03	4.16	27.38	9.45	7.02
73	gi|18490397|gb|AAH22532.1|	227	241	15621	7.25	1.87	7.25	0.03	4.16	28.75	8.76	8.04
73	gi|18490397|gb|AAH22532.1|	228	242	15622	4.16	0.6	3.88	0.03	4.16	8.44	8.07	7.46
73	gi|18490397|gb|AAH22532.1|	229	243	15623	3.88	0.6	3.88	0.02	4.16	3.79	8.16	7.46
73	gi|18490397|gb|AAH22532.1|	230	244	15624	3.88	0.6	3.88	0.02	10.44	2.55	8.31	7.46
73	gi|18490397|gb|AAH22532.1|	231	245	15625	3.88	0.6	3.88	0.03	12.5	2.74	11.69	7.46
73	gi|18490397|gb|AAH22532.1|	232	246	15626	4.09	0.6	3.88	0.14	15.55	4.09	26.72	7.46
73	gi|18490397|gb|AAH22532.1|	233	247	15627	8.83	1.29	3.88	7.67	23.17	8.83	18.28	9.17
73	gi|18490397|gb|AAH22532.1|	234	248	15628	3.64	2.46	3.88	0.24	19.56	24.81	3.64	0.7
73	gi|18490397|gb|AAH22532.1|	235	249	15629	3.64	2.63	18.16	0.24	19.56	59.47	3.64	0.7
73	gi|18490397|gb|AAH22532.1|	236	250	15630	3.64	1.26	18.16	0.24	19.56	74.4	3.64	0.7
73	gi|18490397|gb|AAH22532.1|	237	251	15631	3.64	1.26	6.99	0.1	3.86	71.67	3.64	0.7
73	gi|18490397|gb|AAH22532.1|	238	252	15632	3.64	1.26	6.99	0.1	3.86	72.07	3.64	0.7
73	gi|18490397|gb|AAH22532.1|	239	253	15633	3.64	1.26	6.99	0.3	3.86	77.82	3.64	1.46
74	gi|15277486|gb|AAH12844.1|	4	18	15634	17.74	25.03	11.91	3.63	17.74	88.3	24.73	4.14
74	gi|15277486|gb|AAH12844.1|	5	19	15635	17.74	20.06	6.16	3.43	17.74	71.47	24.73	3.81
74	gi|15277486|gb|AAH12844.1|	6	20	15636	8.01	4.44	8.01	3.56	17.74	36.1	24.73	3.41
74	gi|15277486|gb|AAH12844.1|	7	21	15637	6.83	4.17	6.83	3.93	18.41	19.91	24.73	3.44
74	gi|15277486|gb|AAH12844.1|	8	22	15638	8.67	4.19	8.12	8.67	16.89	18.77	24.73	6.38
74	gi|15277486|gb|AAH12844.1|	9	23	15639	10.99	3.59	10.34	10.99	16.78	16.39	27.42	5.72
74	gi|15277486|gb|AAH12844.1|	10	24	15640	19.56	10.25	13.13	23.66	24.54	19.56	27.54	9.43
74	gi|15277486|gb|AAH12844.1|	103	117	15641	19.24	58.7	35.16	12.39	12.85	51.99	19.24	6.92
74	gi|15277486|gb|AAH12844.1|	104	118	15642	19.24	70.94	28.78	12.2	17.12	33.61	19.24	6.84

Table 2

74	gi|15277486|gb|AAH12844.1|	105	119	15643	19.24	70.94	28.78	12.51	17.21	34.59	19.24	7.08
74	gi|15277486|gb|AAH12844.1|	106	120	15644	19.24	70.94	28.78	12.32	16.47	31.11	19.24	5.78
74	gi|15277486|gb|AAH12844.1|	107	121	15645	19.24	70.94	28.78	12.69	13.7	35.45	19.24	5.87
74	gi|15277486|gb|AAH12844.1|	122	136	15646	11.34	1.63	31.78	11.34	47.66	10.84	74.9	0.38
74	gi|15277486|gb|AAH12844.1|	123	137	15647	17.06	1.73	32.96	17.06	46.85	5.24	74.9	0.38
74	gi|15277486|gb|AAH12844.1|	124	138	15648	2.36	1.61	2.14	10.19	42.36	2.36	61.93	0.38
74	gi|15277486|gb|AAH12844.1|	125	139	15649	1.73	1.51	1.73	9.72	34.78	1.22	24.69	0.38
74	gi|15277486|gb|AAH12844.1|	126	140	15650	2.24	1.49	2.24	11.8	34.78	1.57	24.69	0.38
74	gi|15277486|gb|AAH12844.1|	127	141	15651	3.73	3.73	2.36	10.92	18.6	2.16	24.69	0.75
74	gi|15277486|gb|AAH12844.1|	128	142	15652	6.66	3.85	2.7	11.89	18.6	6.66	24.69	0.81
74	gi|15277486|gb|AAH12844.1|	129	143	15653	18.6	15.02	4.21	21.56	18.6	25.27	24.69	5.05
74	gi|15277486|gb|AAH12844.1|	130	144	15654	18.62	18.62	5.95	24.7	18.6	47.06	24.69	5.05
74	gi|15277486|gb|AAH12844.1|	148	162	15655	16.15	26.99	41.93	3.58	3.25	16.15	54.52	14.79
74	gi|15277486|gb|AAH12844.1|	169	183	15656	19.19	0.68	32.84	41.2	0.05	19.19	61.08	10.73
74	gi|15277486|gb|AAH12844.1|	170	184	15657	16.59	0.68	25.4	32.53	0.04	7.49	34.77	16.59
74	gi|15277486|gb|AAH12844.1|	171	185	15658	15.91	0.68	29.46	33.98	0.05	5.09	32.33	15.91
74	gi|15277486|gb|AAH12844.1|	172	186	15659	15.91	0.68	34.4	33.97	0.05	4.65	30.63	15.91
74	gi|15277486|gb|AAH12844.1|	173	187	15660	15.91	0.68	39.15	34.26	0.14	5.68	28.51	15.91
74	gi|15277486|gb|AAH12844.1|	174	188	15661	8.83	1.04	33.37	22.22	0.33	8.83	8.5	25.18
74	gi|15277486|gb|AAH12844.1|	194	208	15662	19.52	4.89	14.4	78.44	9.23	33.93	78.14	19.52
74	gi|15277486|gb|AAH12844.1|	195	209	15663	19.77	3.55	16.98	73.19	8.48	30.13	65.25	19.77
74	gi|15277486|gb|AAH12844.1|	196	210	15664	19.87	3.12	19.87	33.91	13.3	32.27	46.87	19.06
74	gi|15277486|gb|AAH12844.1|	220	234	15665	7.97	21.59	0.7	7.97	28.17	5.44	59.98	5.79
74	gi|15277486|gb|AAH12844.1|	221	235	15666	5.79	18.19	0.74	5.57	17.34	1.64	56.06	5.79
74	gi|15277486|gb|AAH12844.1|	222	236	15667	5.79	16.24	1.12	5.11	15.77	1.05	61.82	5.79
74	gi|15277486|gb|AAH12844.1|	223	237	15668	5.78	16.24	1.83	5.78	4.16	1.05	21.23	5.79
74	gi|15277486|gb|AAH12844.1|	224	238	15669	6.32	16.53	2.91	8.13	4.16	1.95	15.2	6.32
74	gi|15277486|gb|AAH12844.1|	225	239	15670	10.43	26.44	4.17	10.43	4.16	5.58	23.39	12.94
74	gi|15277486|gb|AAH12844.1|	226	240	15671	8.06	15.58	4.74	0.03	4.16	32.97	9.43	8.06
74	gi|15277486|gb|AAH12844.1|	227	241	15672	7.36	1.87	7.36	0.03	4.16	28.97	8.78	8.04
74	gi|15277486|gb|AAH12844.1|	228	242	15673	4.16	0.6	3.88	0.03	4.16	8.44	8.07	7.46
74	gi|15277486|gb|AAH12844.1|	229	243	15674	3.88	0.6	3.88	0.02	4.16	3.79	8.16	7.46
74	gi|15277486|gb|AAH12844.1|	230	244	15675	3.88	0.6	3.88	0.02	10.44	2.55	8.31	7.46
74	gi|15277486|gb|AAH12844.1|	231	245	15676	3.88	0.6	3.88	0.03	12.5	2.74	11.69	7.46
74	gi|15277486|gb|AAH12844.1|	232	246	15677	4.09	0.6	3.88	0.14	15.55	4.09	26.72	7.46
74	gi|15277486|gb|AAH12844.1|	233	247	15678	8.83	1.29	3.88	7.67	23.17	8.83	18.28	9.17
74	gi|15277486|gb|AAH12844.1|	234	248	15679	3.64	2.46	3.88	0.24	19.56	24.81	3.64	0.7
74	gi|15277486|gb|AAH12844.1|	235	249	15680	3.64	2.63	18.16	0.24	19.56	59.47	3.64	0.7
74	gi|15277486|gb|AAH12844.1|	236	250	15681	3.64	1.26	18.16	0.24	19.56	74.4	3.64	0.7
74	gi|15277486|gb|AAH12844.1|	237	251	15682	3.64	1.26	6.99	0.1	3.86	71.67	3.64	0.7
74	gi|15277486|gb|AAH12844.1|	238	252	15683	3.64	1.26	6.99	0.1	3.86	72.07	3.64	0.7
74	gi|15277486|gb|AAH12844.1|	239	253	15684	3.64	1.26	6.99	0.3	3.86	77.82	3.64	1.46
75	gi|220016|dbj|BAA00011.1|	1	15	15685	8.67	4.19	8.12	8.67	16.89	18.77	24.73	6.38
75	gi|220016|dbj|BAA00011.1|	2	16	15686	10.99	3.59	10.34	10.99	16.78	16.39	27.42	5.72
75	gi|220016|dbj|BAA00011.1|	3	17	15687	19.56	10.25	13.13	23.66	24.54	19.56	27.54	9.43
75	gi|220016|dbj|BAA00011.1|	96	110	15688	19.24	58.7	35.16	12.39	12.85	51.99	19.24	6.92
75	gi|220016|dbj|BAA00011.1|	97	111	15689	19.24	70.94	35.16	12.71	18	41.63	19.24	7.16
75	gi|220016|dbj|BAA00011.1|	98	112	15690	19.24	70.94	35.16	12.51	16.4	35.73	19.24	7.08

Table 2

75	gi|220016|dbj|BAA00011.1|	99	113	15691	19.24	70.37	35.16	11.91	4.81	30.3	19.24	5.05
75	gi|220016|dbj|BAA00011.1|	100	114	15692	19.24	70.94	35.16	12.25	4.71	33.28	19.24	5.05
75	gi|220016|dbj|BAA00011.1|	114	128	15693	13.17	2.71	38.49	10.21	50.39	13.17	74.2	1.16
75	gi|220016|dbj|BAA00011.1|	115	129	15694	13.88	2.86	40.12	13.88	50.39	6.73	81.44	1.16
75	gi|220016|dbj|BAA00011.1|	116	130	15695	3.07	2.55	2.2	9.36	50.01	3.07	61.42	1.16
75	gi|220016|dbj|BAA00011.1|	117	131	15696	2.4	2.4	1.76	8.97	34.78	1.64	24.69	0.91
75	gi|220016|dbj|BAA00011.1|	118	132	15697	2.22	2.22	2.22	11.37	34.78	1.9	24.69	1.16
75	gi|220016|dbj|BAA00011.1|	119	133	15698	4.26	4.26	2.32	10.73	18.6	2.57	24.69	1.16
75	gi|220016|dbj|BAA00011.1|	120	134	15699	6.66	4.38	2.6	11.85	18.6	6.66	24.69	1.16
75	gi|220016|dbj|BAA00011.1|	121	135	15700	18.6	15.02	4.25	21.44	18.6	25.02	24.69	5.05
75	gi|220016|dbj|BAA00011.1|	122	136	15701	18.62	18.62	5.95	24.7	18.6	47.06	24.69	5.05
75	gi|220016|dbj|BAA00011.1|	140	154	15702	16.15	26.99	41.93	3.58	3.25	16.15	54.52	14.79
75	gi|220016|dbj|BAA00011.1|	161	175	15703	19.19	0.68	32.84	41.2	0.05	19.19	61.08	10.73
75	gi|220016|dbj|BAA00011.1|	162	176	15704	16.59	0.68	25.4	32.53	0.04	7.49	34.77	16.59
75	gi|220016|dbj|BAA00011.1|	163	177	15705	15.91	0.68	29.46	33.98	0.05	5.09	32.33	15.91
75	gi|220016|dbj|BAA00011.1|	164	178	15706	15.91	0.68	34.4	33.97	0.05	4.65	30.63	15.91
75	gi|220016|dbj|BAA00011.1|	165	179	15707	15.91	0.68	39.15	34.26	0.14	5.68	28.51	15.91
75	gi|220016|dbj|BAA00011.1|	166	180	15708	8.83	1.04	33.37	22.22	0.33	8.83	8.5	25.18
75	gi|220016|dbj|BAA00011.1|	186	200	15709	19.52	4.89	14.4	78.44	9.23	33.93	78.14	19.52
75	gi|220016|dbj|BAA00011.1|	187	201	15710	19.77	3.55	16.98	73.19	8.48	30.13	65.25	19.77
75	gi|220016|dbj|BAA00011.1|	188	202	15711	19.87	3.12	19.87	33.91	13.3	32.27	46.87	19.06
75	gi|220016|dbj|BAA00011.1|	212	226	15712	7.97	21.59	0.7	7.97	28.17	5.44	59.98	5.79
75	gi|220016|dbj|BAA00011.1|	213	227	15713	5.79	18.19	0.74	5.57	17.34	1.64	56.06	5.79
75	gi|220016|dbj|BAA00011.1|	214	228	15714	5.79	16.24	1.12	5.11	15.77	1.05	61.82	5.79
75	gi|220016|dbj|BAA00011.1|	215	229	15715	5.78	16.24	1.83	5.78	4.16	1.05	21.23	5.79
75	gi|220016|dbj|BAA00011.1|	216	230	15716	6.32	16.53	2.91	8.13	4.16	1.95	15.2	6.32
75	gi|220016|dbj|BAA00011.1|	217	231	15717	10.43	26.44	4.17	10.43	4.16	5.58	23.39	12.94
75	gi|220016|dbj|BAA00011.1|	218	232	15718	8.06	15.58	4.74	0.03	4.16	32.97	9.43	8.06
75	gi|220016|dbj|BAA00011.1|	219	233	15719	7.36	1.87	7.36	0.03	4.16	28.97	8.78	8.04
75	gi|220016|dbj|BAA00011.1|	220	234	15720	4.16	0.6	3.88	0.03	4.16	8.44	8.07	7.46
75	gi|220016|dbj|BAA00011.1|	221	235	15721	3.88	0.6	3.88	0.02	4.16	3.79	8.16	7.46
75	gi|220016|dbj|BAA00011.1|	222	236	15722	3.88	0.6	3.88	0.02	10.44	2.55	8.31	7.46
75	gi|220016|dbj|BAA00011.1|	223	237	15723	3.88	0.6	3.88	0.03	12.5	2.74	11.69	7.46
75	gi|220016|dbj|BAA00011.1|	224	238	15724	4.09	0.6	3.88	0.14	15.55	4.09	26.72	7.46
75	gi|220016|dbj|BAA00011.1|	225	239	15725	8.83	1.29	3.88	7.67	23.17	8.83	18.28	9.17
75	gi|220016|dbj|BAA00011.1|	226	240	15726	3.64	2.46	3.88	0.24	19.56	24.81	3.64	0.7
75	gi|220016|dbj|BAA00011.1|	227	241	15727	3.64	2.63	18.16	0.24	19.56	59.47	3.64	0.7
75	gi|220016|dbj|BAA00011.1|	228	242	15728	3.64	1.26	18.16	0.24	19.56	74.4	3.64	0.7
75	gi|220016|dbj|BAA00011.1|	229	243	15729	3.64	1.26	6.99	0.1	3.86	71.67	3.64	0.7
75	gi|220016|dbj|BAA00011.1|	230	244	15730	3.64	1.26	6.99	0.1	3.86	72.07	3.64	0.7
75	gi|220016|dbj|BAA00011.1|	231	245	15731	3.64	1.26	6.99	0.3	3.86	77.82	3.64	1.46
76	gi|190468|gb|AAA60182.1|	4	18	15732	17.74	25.03	11.91	3.63	17.74	88.3	24.73	4.14
76	gi|190468|gb|AAA60182.1|	5	19	15733	17.74	20.06	6.16	3.43	17.74	71.47	24.73	3.81
76	gi|190468|gb|AAA60182.1|	6	20	15734	8.01	4.44	8.01	3.56	17.74	36.1	24.73	3.41
76	gi|190468|gb|AAA60182.1|	7	21	15735	6.83	4.17	6.83	3.93	18.41	19.91	24.73	3.44
76	gi|190468|gb|AAA60182.1|	8	22	15736	8.67	4.19	8.12	8.67	16.89	18.77	24.73	6.38
76	gi|190468|gb|AAA60182.1|	9	23	15737	10.99	3.59	10.34	10.99	16.78	16.39	27.42	5.72
76	gi|190468|gb|AAA60182.1|	10	24	15738	19.56	10.25	13.13	23.66	24.54	19.56	27.54	9.43

Table 2

76	gi|190468|gb|AAA60182.1|	103	117	15739	19.24	58.7	35.16	12.39	12.85	51.99	19.24	6.92
76	gi|190468|gb|AAA60182.1|	104	118	15740	19.24	70.94	28.78	12.2	17.12	33.61	19.24	6.84
76	gi|190468|gb|AAA60182.1|	105	119	15741	19.24	70.94	28.78	12.51	17.21	34.59	19.24	7.08
76	gi|190468|gb|AAA60182.1|	106	120	15742	19.24	70.94	28.78	12.32	16.47	31.11	19.24	5.78
76	gi|190468|gb|AAA60182.1|	107	121	15743	19.24	70.94	28.78	12.69	13.7	35.45	19.24	5.87
76	gi|190468|gb|AAA60182.1|	122	136	15744	13.17	2.71	38.49	10.21	50.39	13.17	74.2	1.16
76	gi|190468|gb|AAA60182.1|	123	137	15745	13.88	2.86	40.12	13.88	50.39	6.73	81.44	1.16
76	gi|190468|gb|AAA60182.1|	124	138	15746	3.07	2.55	2.2	9.36	50.01	3.07	61.42	1.16
76	gi|190468|gb|AAA60182.1|	125	139	15747	2.4	2.4	1.76	8.97	34.78	1.64	24.69	0.91
76	gi|190468|gb|AAA60182.1|	126	140	15748	2.22	2.22	2.22	11.37	34.78	1.9	24.69	1.16
76	gi|190468|gb|AAA60182.1|	127	141	15749	4.26	4.26	2.32	10.73	18.6	2.57	24.69	1.16
76	gi|190468|gb|AAA60182.1|	128	142	15750	6.66	4.38	2.6	11.85	18.6	6.66	24.69	1.16
76	gi|190468|gb|AAA60182.1|	129	143	15751	18.6	15.02	4.25	21.44	18.6	25.02	24.69	5.05
76	gi|190468|gb|AAA60182.1|	130	144	15752	18.62	18.62	5.95	24.7	18.6	47.06	24.69	5.05
76	gi|190468|gb|AAA60182.1|	148	162	15753	16.15	26.99	41.93	3.58	3.25	16.15	54.52	14.79
76	gi|190468|gb|AAA60182.1|	169	183	15754	19.19	0.68	32.84	41.2	0.05	19.19	61.08	10.73
76	gi|190468|gb|AAA60182.1|	170	184	15755	16.59	0.68	25.4	32.53	0.04	7.49	34.77	16.59
76	gi|190468|gb|AAA60182.1|	171	185	15756	15.91	0.68	29.46	33.98	0.05	5.09	32.33	15.91
76	gi|190468|gb|AAA60182.1|	172	186	15757	15.91	0.68	34.4	33.97	0.05	4.65	30.63	15.91
76	gi|190468|gb|AAA60182.1|	173	187	15758	15.91	0.68	39.15	34.26	0.14	5.68	28.51	15.91
76	gi|190468|gb|AAA60182.1|	174	188	15759	8.83	1.04	33.37	22.22	0.33	8.83	8.5	25.18
76	gi|190468|gb|AAA60182.1|	194	208	15760	19.52	4.89	14.4	78.44	9.23	33.93	78.14	19.52
76	gi|190468|gb|AAA60182.1|	195	209	15761	19.77	3.55	16.98	73.19	8.48	30.13	65.25	19.77
76	gi|190468|gb|AAA60182.1|	196	210	15762	19.87	3.12	19.87	33.91	13.3	32.27	46.87	19.06
76	gi|190468|gb|AAA60182.1|	220	234	15763	7.97	21.59	0.7	7.97	28.17	5.44	59.98	5.79
76	gi|190468|gb|AAA60182.1|	221	235	15764	5.79	18.19	0.74	5.57	17.34	1.64	56.06	5.79
76	gi|190468|gb|AAA60182.1|	222	236	15765	5.79	16.24	1.12	5.11	15.77	1.05	61.82	5.79
76	gi|190468|gb|AAA60182.1|	223	237	15766	5.78	16.24	1.83	5.78	4.16	1.05	21.23	5.79
76	gi|190468|gb|AAA60182.1|	224	238	15767	6.32	16.53	2.91	8.13	4.16	1.95	15.2	6.32
76	gi|190468|gb|AAA60182.1|	225	239	15768	10.43	26.44	4.17	10.43	4.16	5.58	23.39	12.94
76	gi|190468|gb|AAA60182.1|	226	240	15769	8.06	15.58	4.74	0.03	4.16	32.97	9.43	8.06
76	gi|190468|gb|AAA60182.1|	227	241	15770	7.36	1.87	7.36	0.03	4.16	28.97	8.78	8.04
76	gi|190468|gb|AAA60182.1|	228	242	15771	4.16	0.6	3.88	0.03	4.16	8.44	8.07	7.46
76	gi|190468|gb|AAA60182.1|	229	243	15772	3.88	0.6	3.88	0.02	4.16	3.79	8.16	7.46
76	gi|190468|gb|AAA60182.1|	230	244	15773	3.88	0.6	3.88	0.02	10.44	2.55	8.31	7.46
76	gi|190468|gb|AAA60182.1|	231	245	15774	3.88	0.6	3.88	0.03	12.5	2.74	11.69	7.46
76	gi|190468|gb|AAA60182.1|	232	246	15775	4.09	0.6	3.88	0.14	15.55	4.09	26.72	7.46
76	gi|190468|gb|AAA60182.1|	233	247	15776	8.83	1.29	3.88	7.67	23.17	8.83	18.28	9.17
76	gi|190468|gb|AAA60182.1|	234	248	15777	3.64	2.46	3.88	0.24	19.56	24.81	3.64	0.7
76	gi|190468|gb|AAA60182.1|	235	249	15778	3.64	2.63	18.16	0.24	19.56	59.47	3.64	0.7
76	gi|190468|gb|AAA60182.1|	236	250	15779	3.64	1.26	18.16	0.24	19.56	74.4	3.64	0.7
76	gi|190468|gb|AAA60182.1|	237	251	15780	3.64	1.26	6.99	0.1	3.86	71.67	3.64	0.7
76	gi|190468|gb|AAA60182.1|	238	252	15781	3.64	1.26	6.99	0.1	3.86	72.07	3.64	0.7
76	gi|190468|gb|AAA60182.1|	239	253	15782	3.64	1.26	6.99	0.3	3.86	77.82	3.64	1.46
77	gi|190470|gb|AAA19664.1|	1	15	15783	8.67	4.19	8.12	8.67	16.89	18.77	24.73	6.38
77	gi|190470|gb|AAA19664.1|	2	16	15784	10.99	3.59	10.34	10.99	16.78	16.39	27.42	5.72
77	gi|190470|gb|AAA19664.1|	3	17	15785	19.56	10.25	13.13	23.66	24.54	19.56	27.54	9.43
77	gi|190470|gb|AAA19664.1|	96	110	15786	19.24	58.7	35.16	12.39	12.85	51.99	19.24	6.92

Table 2

77	gi|190470|gb|AAA19664.1|	97	111	15787	19.24	70.94	35.16	12.71	18	41.63	19.24	7.16
77	gi|190470|gb|AAA19664.1|	98	112	15788	19.24	70.94	35.16	12.51	16.4	35.73	19.24	7.08
77	gi|190470|gb|AAA19664.1|	99	113	15789	19.24	70.37	35.16	11.91	4.81	30.3	19.24	5.05
77	gi|190470|gb|AAA19664.1|	100	114	15790	19.24	70.94	35.16	12.25	4.71	33.28	19.24	5.05
77	gi|190470|gb|AAA19664.1|	114	128	15791	13.17	2.71	38.49	10.21	50.39	13.17	74.2	1.16
77	gi|190470|gb|AAA19664.1|	115	129	15792	13.88	2.86	40.12	13.88	50.39	6.73	81.44	1.16
77	gi|190470|gb|AAA19664.1|	116	130	15793	3.07	2.55	2.2	9.36	50.01	3.07	61.42	1.16
77	gi|190470|gb|AAA19664.1|	117	131	15794	2.4	2.4	1.76	8.97	34.78	1.64	24.69	0.91
77	gi|190470|gb|AAA19664.1|	118	132	15795	2.22	2.22	2.22	11.37	34.78	1.9	24.69	1.16
77	gi|190470|gb|AAA19664.1|	119	133	15796	4.26	4.26	2.32	10.73	18.6	2.57	24.69	1.16
77	gi|190470|gb|AAA19664.1|	120	134	15797	6.66	4.38	2.6	11.85	18.6	6.66	24.69	1.16
77	gi|190470|gb|AAA19664.1|	121	135	15798	18.6	15.02	4.25	21.44	18.6	25.02	24.69	5.05
77	gi|190470|gb|AAA19664.1|	122	136	15799	18.62	18.62	5.95	24.7	18.6	47.06	24.69	5.05
77	gi|190470|gb|AAA19664.1|	140	154	15800	16.15	26.99	41.93	3.58	3.25	16.15	54.52	14.79
77	gi|190470|gb|AAA19664.1|	161	175	15801	19.19	0.68	32.84	41.2	0.05	19.19	61.08	10.73
77	gi|190470|gb|AAA19664.1|	162	176	15802	16.59	0.68	25.4	32.53	0.04	7.49	34.77	16.59
77	gi|190470|gb|AAA19664.1|	163	177	15803	15.91	0.68	29.46	33.98	0.05	5.09	32.33	15.91
77	gi|190470|gb|AAA19664.1|	164	178	15804	15.91	0.68	34.4	33.97	0.05	4.65	30.63	15.91
77	gi|190470|gb|AAA19664.1|	165	179	15805	15.91	0.68	39.15	34.26	0.14	5.68	28.51	15.91
77	gi|190470|gb|AAA19664.1|	166	180	15806	8.83	1.04	33.37	22.22	0.33	8.83	8.5	25.18
77	gi|190470|gb|AAA19664.1|	186	200	15807	19.52	4.89	14.4	78.44	9.23	33.93	78.14	19.52
77	gi|190470|gb|AAA19664.1|	187	201	15808	19.77	3.55	16.98	73.19	8.48	30.13	65.25	19.77
77	gi|190470|gb|AAA19664.1|	188	202	15809	19.87	3.12	19.87	33.91	13.3	32.27	46.87	19.06
77	gi|190470|gb|AAA19664.1|	212	226	15810	7.97	21.59	0.7	7.97	28.17	5.44	59.98	5.79
77	gi|190470|gb|AAA19664.1|	213	227	15811	5.79	18.19	0.74	5.57	17.34	1.64	56.06	5.79
77	gi|190470|gb|AAA19664.1|	214	228	15812	5.79	16.24	1.12	5.11	15.77	1.05	61.82	5.79
77	gi|190470|gb|AAA19664.1|	215	229	15813	5.78	16.24	1.83	5.78	4.16	1.05	21.23	5.79
77	gi|190470|gb|AAA19664.1|	216	230	15814	6.32	16.53	2.91	8.13	4.16	1.95	15.2	6.32
77	gi|190470|gb|AAA19664.1|	217	231	15815	10.43	26.44	4.17	10.43	4.16	5.58	23.39	12.94
77	gi|190470|gb|AAA19664.1|	218	232	15816	8.06	15.58	4.74	0.03	4.16	32.97	9.43	8.06
77	gi|190470|gb|AAA19664.1|	219	233	15817	7.36	1.87	7.36	0.03	4.16	28.97	8.78	8.04
77	gi|190470|gb|AAA19664.1|	220	234	15818	4.16	0.6	3.88	0.03	4.16	8.44	8.07	7.46
77	gi|190470|gb|AAA19664.1|	221	235	15819	3.88	0.6	3.88	0.02	4.16	3.79	8.16	7.46
77	gi|190470|gb|AAA19664.1|	222	236	15820	3.88	0.6	3.88	0.02	10.44	2.55	8.31	7.46
77	gi|190470|gb|AAA19664.1|	223	237	15821	3.88	0.6	3.88	0.03	12.5	2.74	11.69	7.46
77	gi|190470|gb|AAA19664.1|	224	238	15822	4.09	0.6	3.88	0.14	15.55	4.09	26.72	7.46
77	gi|190470|gb|AAA19664.1|	225	239	15823	8.83	1.29	3.88	7.67	23.17	8.83	18.28	9.17
77	gi|190470|gb|AAA19664.1|	226	240	15824	3.64	2.46	3.88	0.24	19.56	24.81	3.64	0.7
77	gi|190470|gb|AAA19664.1|	227	241	15825	3.64	2.63	18.16	0.24	19.56	59.47	3.64	0.7
77	gi|190470|gb|AAA19664.1|	228	242	15826	3.64	1.26	18.16	0.24	19.56	74.4	3.64	0.7
77	gi|190470|gb|AAA19664.1|	229	243	15827	3.64	1.26	6.99	0.1	3.86	71.67	3.64	0.7
77	gi|190470|gb|AAA19664.1|	230	244	15828	3.64	1.26	6.99	0.1	3.86	72.07	3.64	0.7
77	gi|190470|gb|AAA19664.1|	231	245	15829	3.64	1.26	6.99	0.3	3.86	77.82	3.64	1.46
78	gi|23491729|dbj|BAC16799.1|	19	33	15830	18.42	13.04	47.7	9.75	46.19	18.42	52.97	8.39
78	gi|23491729|dbj|BAC16799.1|	20	34	15831	16.04	13.04	51.67	9.75	46.19	16.04	51.95	8.68
78	gi|23491729|dbj|BAC16799.1|	21	35	15832	12.18	8.65	52.21	9.75	46.19	12.18	52.51	9.89
78	gi|23491729|dbj|BAC16799.1|	22	36	15833	18.01	7.67	54.77	15.46	46.19	13.04	50.59	18.01
78	gi|23491729|dbj|BAC16799.1|	27	41	15834	18.19	13.72	41.99	13.64	70.58	41.07	18.19	14.68

Table 2

78	gi|23491729|dbj|BAC16799.1|	28	42	15835	16.33	13.72	49.02	13.64	72.59	43.26	15.43	16.33
78	gi|23491729|dbj|BAC16799.1|	29	43	15836	15.51	13.72	48.36	13.64	69.91	40.08	10.88	15.51
78	gi|23491729|dbj|BAC16799.1|	97	111	15837	16.13	20.36	0.99	7.57	16.13	18.88	78.06	1.27
78	gi|23491729|dbj|BAC16799.1|	98	112	15838	11.27	22.06	1.45	7.84	17.58	11.27	78.06	1.27
78	gi|23491729|dbj|BAC16799.1|	99	113	15839	8.31	21.21	1.5	8.31	18.65	7.18	83.87	1.27
78	gi|23491729|dbj|BAC16799.1|	100	114	15840	7.82	20.18	1.41	7.82	19.93	6.08	83.87	1.13
78	gi|23491729|dbj|BAC16799.1|	101	115	15841	8.66	20.32	2.01	7.01	27.57	8.66	81.82	1.27
78	gi|23491729|dbj|BAC16799.1|	102	116	15842	19.02	44.74	3.1	9.83	37.48	19.02	44.9	1.58
78	gi|23491729|dbj|BAC16799.1|	107	121	15843	7.14	3.31	9.91	7.14	23.68	6.93	37.21	3.44
78	gi|23491729|dbj|BAC16799.1|	108	122	15844	6.5	3.31	6.5	6.92	23.04	1.81	37.21	3.44
78	gi|23491729|dbj|BAC16799.1|	109	123	15845	6.7	3.31	6.7	7.88	21.94	1.03	49.55	3.44
78	gi|23491729|dbj|BAC16799.1|	110	124	15846	7.04	3.31	7.04	16.11	20.82	1.25	60.86	3.89
78	gi|23491729|dbj|BAC16799.1|	111	125	15847	9.3	3.31	9.3	17.85	35.24	2.43	66.71	6.76
78	gi|23491729|dbj|BAC16799.1|	112	126	15848	12.28	7.27	12.28	40.64	46.4	6.8	66.71	10.53
78	gi|23491729|dbj|BAC16799.1|	120	134	15849	11.51	23.65	6.79	12.95	11.51	11.49	57.28	3.64
78	gi|23491729|dbj|BAC16799.1|	121	135	15850	11.59	23.63	7.69	12.95	11.59	10.7	57.28	2.66
78	gi|23491729|dbj|BAC16799.1|	122	136	15851	12.36	23.65	9.71	12.95	12.36	11.58	56.91	1.96
78	gi|23491729|dbj|BAC16799.1|	123	137	15852	12.91	29.6	10.58	36.58	12.45	12.91	58.66	1.69
78	gi|23491729|dbj|BAC16799.1|	124	138	15853	15.15	15.15	13.63	21.07	18.49	16.96	5.47	2.05
78	gi|23491729|dbj|BAC16799.1|	130	144	15854	13.82	27.97	8.82	29.85	34	13.82	4.45	11.45
78	gi|23491729|dbj|BAC16799.1|	133	147	15855	18.64	21.22	2.27	18.64	26.38	7.22	39.46	14.65
78	gi|23491729|dbj|BAC16799.1|	150	164	15856	15.52	46.25	6.79	20.23	14.75	41.47	15.52	9.8
78	gi|23491729|dbj|BAC16799.1|	151	165	15857	9.12	32.16	6.79	6.04	14.04	16.28	9.12	1.39
78	gi|23491729|dbj|BAC16799.1|	152	166	15858	8.42	32.15	6.79	6.04	14.04	9.52	8.42	1.38
78	gi|23491729|dbj|BAC16799.1|	153	167	15859	7.95	32.16	8.41	6.04	14.04	7.95	4.51	1.37
78	gi|23491729|dbj|BAC16799.1|	154	168	15860	7.63	29.51	8.29	5.61	14.04	7.63	3.59	1.28
78	gi|23491729|dbj|BAC16799.1|	155	169	15861	8.51	27.78	23.86	5.61	30.79	8.51	2.46	3.56
78	gi|23491729|dbj|BAC16799.1|	156	170	15862	13.45	28.51	28.85	5.61	30.79	13.45	2.81	4.17
78	gi|23491729|dbj|BAC16799.1|	157	171	15863	13.07	13.07	29.63	8.36	30.79	21.44	2.75	7.74
78	gi|23491729|dbj|BAC16799.1|	158	172	15864	17.2	12.65	24.91	9.46	63.8	17.2	3.51	17.8
78	gi|23491729|dbj|BAC16799.1|	159	173	15865	14.57	12.22	24.83	12.83	61.92	14.57	3.71	17.8
78	gi|23491729|dbj|BAC16799.1|	160	174	15866	17.8	12.72	27.93	15.87	65.52	15.22	20.1	17.8
78	gi|23491729|dbj|BAC16799.1|	188	202	15867	9.59	9.59	31.4	6.54	75.22	24.41	6.12	0.3
78	gi|23491729|dbj|BAC16799.1|	189	203	15868	3.93	8.98	14.22	2.97	4.5	1.68	3.93	0.3
78	gi|23491729|dbj|BAC16799.1|	190	204	15869	2.99	7.33	16.67	2.99	4.13	0.81	2.46	0.3
78	gi|23491729|dbj|BAC16799.1|	191	205	15870	2.9	2.92	17.75	2.9	3.81	0.44	2.05	0.3
78	gi|23491729|dbj|BAC16799.1|	192	206	15871	2.19	1.74	16.52	2.77	3.47	0.36	2.19	0.3
78	gi|23491729|dbj|BAC16799.1|	193	207	15872	5.61	2.61	20.81	5.61	5.84	0.6	8.16	0.71
78	gi|23491729|dbj|BAC16799.1|	194	208	15873	7.61	3.72	27.31	9.63	9.4	2.08	7.61	0.76
78	gi|23491729|dbj|BAC16799.1|	195	209	15874	14.78	6.71	41.32	24.71	14.78	20.94	8.38	11.8
78	gi|23491729|dbj|BAC16799.1|	206	220	15875	4.85	1.14	1.75	20.79	4.85	1.88	39.71	5.42
78	gi|23491729|dbj|BAC16799.1|	207	221	15876	4.88	1.14	1.87	21.23	4.88	0.62	36.36	5.42
78	gi|23491729|dbj|BAC16799.1|	208	222	15877	5.08	1.14	1.92	30.72	5.08	0.63	32.73	5.42
78	gi|23491729|dbj|BAC16799.1|	209	223	15878	5.38	1.14	2.07	34.08	5.38	0.7	26.45	5.42
78	gi|23491729|dbj|BAC16799.1|	210	224	15879	5.42	1.14	2.84	30.52	7.59	1.81	37.02	5.42
78	gi|23491729|dbj|BAC16799.1|	211	225	15880	10.02	1.2	6.18	12.43	10.02	4.57	37.02	10.08
78	gi|23491729|dbj|BAC16799.1|	212	226	15881	12.39	1.22	6.27	12.55	12.39	34.74	37.02	10.14
78	gi|23491729|dbj|BAC16799.1|	243	257	15882	15.79	15.79	13.07	13.25	50.6	43.6	15.31	29.2

Table 2

78	gi|23491729|dbj|BAC16799.1|	244	258	15883	15.31	12.1	13.26	14.14	51.13	48.76	15.31	36.94
78	gi|23491729|dbj|BAC16799.1|	245	259	15884	17.83	9.93	17.83	17.74	52.72	52.16	15.31	30.16
78	gi|23491729|dbj|BAC16799.1|	246	260	15885	17.7	9.94	17.7	16.16	52.72	59.11	4.8	29.19
78	gi|23491729|dbj|BAC16799.1|	251	265	15886	14.98	2.96	8.36	27.49	52.72	20.81	2.88	14.98
78	gi|23491729|dbj|BAC16799.1|	252	266	15887	15.78	3.15	13.99	28.28	61.82	20.49	6.45	15.78
79	gi|3041867|gb|AAC12971.1|	19	33	15888	18.42	13.04	47.7	9.75	46.19	18.42	52.97	8.39
79	gi|3041867|gb|AAC12971.1|	20	34	15889	16.04	13.04	51.67	9.75	46.19	16.04	51.95	8.68
79	gi|3041867|gb|AAC12971.1|	21	35	15890	12.18	8.65	52.21	9.75	46.19	12.18	52.51	9.89
79	gi|3041867|gb|AAC12971.1|	22	36	15891	18.01	7.67	54.77	15.46	46.19	13.04	50.59	18.01
79	gi|3041867|gb|AAC12971.1|	27	41	15892	18.19	13.72	41.99	13.64	70.58	41.07	18.19	14.68
79	gi|3041867|gb|AAC12971.1|	28	42	15893	16.33	13.72	49.02	13.64	72.59	43.26	15.43	16.33
79	gi|3041867|gb|AAC12971.1|	29	43	15894	15.51	13.72	48.36	13.64	69.91	40.08	10.88	15.51
79	gi|3041867|gb|AAC12971.1|	97	111	15895	16.13	20.36	0.99	7.57	16.13	18.88	78.06	1.27
79	gi|3041867|gb|AAC12971.1|	98	112	15896	11.27	22.06	1.45	7.84	17.58	11.27	78.06	1.27
79	gi|3041867|gb|AAC12971.1|	99	113	15897	8.31	21.21	1.5	8.31	18.65	7.18	83.87	1.27
79	gi|3041867|gb|AAC12971.1|	100	114	15898	7.82	20.18	1.41	7.82	19.93	6.08	83.87	1.13
79	gi|3041867|gb|AAC12971.1|	101	115	15899	8.66	20.32	2.01	7.01	27.57	8.66	81.82	1.27
79	gi|3041867|gb|AAC12971.1|	102	116	15900	19.02	44.74	3.1	9.83	37.48	19.02	44.9	1.58
79	gi|3041867|gb|AAC12971.1|	107	121	15901	7.14	3.31	9.91	7.14	23.68	6.93	37.21	3.44
79	gi|3041867|gb|AAC12971.1|	108	122	15902	6.5	3.31	6.5	6.92	23.04	1.81	37.21	3.44
79	gi|3041867|gb|AAC12971.1|	109	123	15903	6.7	3.31	6.7	7.88	21.94	1.03	49.55	3.44
79	gi|3041867|gb|AAC12971.1|	110	124	15904	7.04	3.31	7.04	16.11	20.82	1.25	60.86	3.89
79	gi|3041867|gb|AAC12971.1|	111	125	15905	9.3	3.31	9.3	17.85	35.24	2.43	66.71	6.76
79	gi|3041867|gb|AAC12971.1|	112	126	15906	12.28	7.27	12.28	40.64	46.4	6.8	66.71	10.53
79	gi|3041867|gb|AAC12971.1|	120	134	15907	11.51	23.65	6.79	12.95	11.51	11.49	57.28	3.64
79	gi|3041867|gb|AAC12971.1|	121	135	15908	11.59	23.63	7.69	12.95	11.59	10.7	57.28	2.66
79	gi|3041867|gb|AAC12971.1|	122	136	15909	12.36	23.65	9.71	12.95	12.36	11.58	56.91	1.96
79	gi|3041867|gb|AAC12971.1|	123	137	15910	12.91	29.6	10.58	36.58	12.45	12.91	58.66	1.69
79	gi|3041867|gb|AAC12971.1|	124	138	15911	15.15	15.15	13.63	21.07	18.49	16.96	5.47	2.05
79	gi|3041867|gb|AAC12971.1|	130	144	15912	13.82	27.97	8.82	29.85	34	13.82	4.45	11.45
79	gi|3041867|gb|AAC12971.1|	133	147	15913	18.64	21.22	2.27	18.64	26.38	7.22	39.46	14.65
79	gi|3041867|gb|AAC12971.1|	150	164	15914	15.52	46.25	6.79	20.23	14.75	41.47	15.52	9.8
79	gi|3041867|gb|AAC12971.1|	151	165	15915	9.12	32.16	6.79	6.04	14.04	16.28	9.12	1.39
79	gi|3041867|gb|AAC12971.1|	152	166	15916	8.42	32.15	6.79	6.04	14.04	9.52	8.42	1.38
79	gi|3041867|gb|AAC12971.1|	153	167	15917	7.95	32.16	8.41	6.04	14.04	7.95	4.51	1.37
79	gi|3041867|gb|AAC12971.1|	154	168	15918	7.63	29.51	8.29	5.61	14.04	7.63	3.59	1.28
79	gi|3041867|gb|AAC12971.1|	155	169	15919	8.51	27.78	23.86	5.61	30.79	8.51	2.46	3.56
79	gi|3041867|gb|AAC12971.1|	156	170	15920	13.45	28.51	28.85	5.61	30.79	13.45	2.81	4.17
79	gi|3041867|gb|AAC12971.1|	157	171	15921	13.07	13.07	29.63	8.36	30.79	21.44	2.75	7.74
79	gi|3041867|gb|AAC12971.1|	158	172	15922	17.2	12.65	24.91	9.46	63.8	17.2	3.51	17.8
79	gi|3041867|gb|AAC12971.1|	159	173	15923	14.57	12.22	24.83	12.83	61.92	14.57	3.71	17.8
79	gi|3041867|gb|AAC12971.1|	160	174	15924	17.8	12.72	27.93	15.87	65.52	15.22	20.1	17.8
79	gi|3041867|gb|AAC12971.1|	188	202	15925	9.59	9.59	31.4	6.54	75.22	24.41	6.12	0.3
79	gi|3041867|gb|AAC12971.1|	189	203	15926	3.93	8.98	14.22	2.97	4.5	1.68	3.93	0.3
79	gi|3041867|gb|AAC12971.1|	190	204	15927	2.99	7.33	16.67	2.99	4.13	0.81	2.46	0.3
79	gi|3041867|gb|AAC12971.1|	191	205	15928	2.9	2.92	17.75	2.9	3.81	0.44	2.05	0.3
79	gi|3041867|gb|AAC12971.1|	192	206	15929	2.19	1.74	16.52	2.77	3.47	0.36	2.19	0.3
79	gi|3041867|gb|AAC12971.1|	193	207	15930	5.61	2.61	20.81	5.61	5.84	0.6	8.16	0.71

Table 2

79	gi|3041867|gb|AAC12971.1|	194	208	15931	7.61	3.72	27.31	9.63	9.4	2.08	7.61	0.76
79	gi|3041867|gb|AAC12971.1|	195	209	15932	14.78	6.71	41.32	24.71	14.78	20.94	8.38	11.8
79	gi|3041867|gb|AAC12971.1|	206	220	15933	4.85	1.14	1.75	20.79	4.85	1.88	39.71	5.42
79	gi|3041867|gb|AAC12971.1|	207	221	15934	4.88	1.14	1.87	21.23	4.88	0.62	36.36	5.42
79	gi|3041867|gb|AAC12971.1|	208	222	15935	5.08	1.14	1.92	30.72	5.08	0.63	32.73	5.42
79	gi|3041867|gb|AAC12971.1|	209	223	15936	5.38	1.14	2.07	34.08	5.38	0.7	26.45	5.42
79	gi|3041867|gb|AAC12971.1|	210	224	15937	5.42	1.14	2.84	30.52	7.59	1.81	37.02	5.42
79	gi|3041867|gb|AAC12971.1|	211	225	15938	10.02	1.2	6.18	12.43	10.02	4.57	37.02	10.08
79	gi|3041867|gb|AAC12971.1|	212	226	15939	12.39	1.22	6.27	12.55	12.39	34.74	37.02	10.14
79	gi|3041867|gb|AAC12971.1|	243	257	15940	15.79	15.79	13.07	13.25	50.6	43.6	15.31	29.2
79	gi|3041867|gb|AAC12971.1|	244	258	15941	15.31	12.1	13.26	14.14	51.13	48.76	15.31	36.94
79	gi|3041867|gb|AAC12971.1|	245	259	15942	17.83	9.93	17.83	17.74	52.72	52.16	15.31	30.16
79	gi|3041867|gb|AAC12971.1|	246	260	15943	17.7	9.94	17.7	16.16	52.72	59.11	4.8	29.19
79	gi|3041867|gb|AAC12971.1|	251	265	15944	14.98	2.96	8.36	27.49	52.72	20.81	2.88	14.98
79	gi|3041867|gb|AAC12971.1|	252	266	15945	15.78	3.15	13.99	28.28	61.82	20.49	6.45	15.78
80	gi|34304368|ref|NP_898861.1|	9	23	15946	18.13	0.59	23.49	32.53	5.77	18.13	12.35	21.62
80	gi|34304368|ref|NP_898861.1|	39	53	15947	16.24	16.24	6.01	6.3	55.32	20.54	43	4.4
80	gi|34304368|ref|NP_898861.1|	95	109	15948	10.25	10.25	16.77	8.03	69.32	10.93	0.93	6.18
80	gi|34304368|ref|NP_898861.1|	96	110	15949	8.18	10.25	20.12	8.18	24.62	6.92	1.33	6.18
80	gi|34304368|ref|NP_898861.1|	97	111	15950	7.53	10.25	17.97	7.53	24.62	3.66	1.37	6.18
80	gi|34304368|ref|NP_898861.1|	98	112	15951	7.65	10.25	22.65	7.65	24.62	4.5	1.56	6.18
80	gi|34304368|ref|NP_898861.1|	99	113	15952	9.11	14.64	26.39	9.11	24.62	7.09	2.76	6.18
80	gi|34304368|ref|NP_898861.1|	100	114	15953	19.96	20.86	29.11	19.96	24.62	13.67	3.94	9.08
80	gi|34304368|ref|NP_898861.1|	101	115	15954	9.18	6.45	34.48	17.42	6.29	33.9	6.67	9.18
80	gi|34304368|ref|NP_898861.1|	102	116	15955	13.8	3.38	79.71	13.8	5.58	33.03	6.67	28.38
80	gi|34304368|ref|NP_898861.1|	103	117	15956	13.98	1.69	83.3	13.98	5.2	28.44	8.14	29.27
80	gi|34304368|ref|NP_898861.1|	104	118	15957	12.89	0.67	47.67	12.89	4.58	23.29	8.81	27.73
80	gi|34304368|ref|NP_898861.1|	105	119	15958	8.57	1.16	39.61	8.57	7.61	22.73	21.06	6.6
80	gi|34304368|ref|NP_898861.1|	106	120	15959	13.11	1.67	37.53	8.57	13.11	21.21	23.92	6.6
80	gi|34304368|ref|NP_898861.1|	178	192	15960	11.63	5.24	9.3	54.82	11.63	18.46	4.02	26.79
80	gi|34304368|ref|NP_898861.1|	179	193	15961	11.01	5.24	9.66	52.56	11.01	15.14	6.13	17.33
80	gi|34304368|ref|NP_898861.1|	180	194	15962	17.76	5.24	11.1	58.36	18.25	17.94	15.43	17.76
80	gi|34304368|ref|NP_898861.1|	181	195	15963	17.54	8.19	12.52	55.74	28.08	24.63	17.54	11.66
80	gi|34304368|ref|NP_898861.1|	201	215	15964	15.91	5.48	49.57	15.84	2.77	38.77	50.34	15.91
80	gi|34304368|ref|NP_898861.1|	202	216	15965	16.87	9.75	31.94	10.83	4.6	41.71	54.58	16.87
80	gi|34304368|ref|NP_898861.1|	203	217	15966	16.46	13.62	34.66	10.5	7.36	50.21	54.19	16.46
80	gi|34304368|ref|NP_898861.1|	204	218	15967	12.88	25.58	4.83	8.76	8.91	38.51	44.7	12.88
80	gi|34304368|ref|NP_898861.1|	205	219	15968	12.81	18.08	6.31	9.34	8.91	32.17	44.7	12.81
80	gi|34304368|ref|NP_898861.1|	206	220	15969	15.11	18.08	9.37	13.25	8.91	34.2	44.7	15.11
80	gi|34304368|ref|NP_898861.1|	207	221	15970	17.21	18.08	12.91	17.21	8.91	31.35	44.37	15.14
80	gi|34304368|ref|NP_898861.1|	208	222	15971	18.08	18.08	17.73	34.79	8.91	27.66	41.83	3.95
80	gi|34304368|ref|NP_898861.1|	210	224	15972	18.91	9.4	18.91	40.94	8.91	33.13	41.03	3.19
80	gi|34304368|ref|NP_898861.1|	223	237	15973	14.06	14.06	46.48	8.01	13.64	56.01	31.53	11.71
80	gi|34304368|ref|NP_898861.1|	279	293	15974	19.82	8.72	19.82	33.21	4.16	32.05	77.52	9.31

Table 3

SEQ ID NO:	Median	HLA-DRB1*03:01	HLA-DRB1*07:01	HLA-DRB1*15:01	HLA-DRB3*01:01	HLA-DRB3*02:02	HLA-DRB4*01:01	HLA-DRB5*01:01
15975	18.3	11.49	42.45	18.3	57.78	7.44	58.11	2.22
15976	18.56	11.49	41.99	18.56	57.78	10.05	54.63	2.44
15977	18.87	28.38	18.87	4.16	35.19	31.31	4.01	9.04
15978	11.92	4.77	18.47	4.06	35.19	33.54	11.92	7.03
15979	16.26	8.25	16.51	4.06	35.19	30.82	16.26	8.97
15980	16.85	8.25	16.85	11.45	35.19	30.69	19.31	10.1
15981	18.33	18.33	30.69	4.06	39.18	71.8	2.64	9.97
15982	7.28	3.85	7.28	4.06	39.18	50.4	2.2	9.97
15983	9.3	4.11	9.3	4.06	39.18	39.74	1.75	9.97
15984	9.73	4.12	9.73	7.94	39.18	32.67	1.62	9.97
15985	9.97	4.33	11.32	8.01	39.18	27.56	7.62	9.97
15986	11.79	4.33	11.79	8.01	39.18	28.78	17.73	9.97
15987	18.75	14.41	13.69	19.56	54.02	34.39	18.75	9.97
15988	17.02	6.55	3.1	23.43	17.02	47.8	28.4	15.91
15989	18.16	7.02	4.47	21.09	18.16	41.11	35.55	16.76
15990	17.08	9.56	21.53	5.22	55.19	17.08	79.97	1.4
15991	18.81	26.11	52.81	8.49	18.81	44.11	12.89	17.29
15992	18.81	20.57	78.82	8.49	18.81	71.72	17.71	17.66
15993	17.22	11.59	66.36	25.29	17.22	30.47	4.55	2.44
15994	16.34	11.59	67.45	25.48	16.34	22.65	2.77	2.44
15995	16.2	6.58	69.41	25.22	16.2	18.37	1.76	2.44
15996	14.69	6.58	72.51	27.2	14.69	17.72	2.39	2.44
15997	14.98	14.98	27.35	8.65	59.01	16.5	1.17	13.23
15998	6.95	5.59	22.11	6.95	59.01	5.99	1.07	8.42
15999	6.95	5.59	28.75	6.95	59.01	2.19	1.06	8.42

SEQ ID NO:	Median	HLA-DRB1*03:01	HLA-DRB1*07:01	HLA-DRB1*15:01	HLA-DRB3*01:01	HLA-DRB3*02:02	HLA-DRB4*01:01	HLA-DRB5*01:01
18646	7.21	7.21	2.84	7.41	43.31	5.09	38.83	1.05
18647	7.37	7.21	2.84	12.66	46.94	7.37	33.61	1.05
18648	15.43	12.29	2.84	15.43	47.07	17.87	28.3	2.16
18649	18.42	8.15	52.47	34.21	48.72	18.42	10.13	4.06
18650	13.45	2.1	45.61	19.8	41.89	13.45	6.27	3.93
18651	7.05	2.12	33.15	1.76	33.12	11.33	7.05	2.89
18652	9.1	2.27	40.78	1.76	35.56	13.27	9.1	6.18
18653	13.63	2.45	49.8	1.76	37.78	20.82	13.63	6.33
18654	11.46	2.99	33.73	2.16	24.22	22.98	11.46	5.18
18655	11.96	6.53	36.59	2.16	24.22	24.19	11.96	5.21
18656	10.37	6.37	19.03	3.21	24.22	24.11	10.37	5.61
18657	14.69	12.46	14.86	4.51	24.22	15.92	14.69	5.56
18658	14.92	8.03	14.92	18.87	24.22	9.2	15.37	4.77
18659	14.21	7.91	15.14	24.04	24.22	6.41	14.21	7.46
18660	14.57	7.92	17.41	28.59	24.22	6.34	14.57	7.59
18661	6.59	2.99	6.59	6.22	1.63	72.19	19.27	24.65
18662	6.59	2.7	6.59	5.66	0.67	67.24	22.79	17.91
18663	1.95	1.75	6.59	1.95	0.68	32.8	29.46	0.7
18664	2.17	1.66	6.59	2.17	0.65	23.29	25.95	0.7
18665	2.23	1.61	6.59	2.23	0.65	19.18	32.27	0.7
18666	1.75	1.42	6.59	1.75	1.22	17.53	28.16	0.7
18667	2.38	0.89	6.59	1.75	2.38	19.78	10.87	0.7
18668	6.64	0.89	8.27	2.13	55.58	23.68	6.64	0.7
18669	3.05	0.89	8.27	2.13	58.13	26.19	3.05	0.7
18670	3.25	0.89	8.27	2.13	53.58	17.23	0.61	3.25

Table 3

16000	6.95	5.59	19.35	6.95	59.01	1.2	2.27	8.42		18671	3.61	2.24	8.27	2.13	54.04	11.99	0.44	3.61
16001	6.95	5.59	14.57	6.95	57.94	1.26	2.15	8.42		18672	3.81	1.63	8.27	2.13	56.22	12.98	0.29	3.81
16002	13.16	6.71	17.77	20.69	59.01	2.93	13.16	8.42		18673	3.6	2.26	14.21	2.61	50.51	10.26	0.24	3.6
16003	15.02	11.17	21.63	28.59	59.01	9.39	15.02	10.41		18674	3.94	1.57	11.52	2.62	52.99	9.7	0.26	3.94
16004	17.32	17.32	25.13	4.81	4.44	39.76	29.82	8.59		18675	8.83	1.55	9.23	8.75	52.86	10.42	0.3	8.83
16005	15.32	19.04	21.79	8.01	36.8	13.09	7.66	15.32		18676	9.82	4.37	11.9	9.82	47.56	14.73	0.33	9.45
16006	15.73	18.37	24.08	8.01	37.36	6.5	6.52	15.73		18677	17.8	2.61	16.28	37.95	47.56	22.48	6.45	17.8
16007	10.33	18.29	10.33	7.02	37.57	5.64	4.51	12.92		18678	19.08	0.59	6.99	19.29	37.09	42.6	10	19.08
16008	10.47	23.09	10.47	7.02	37.57	6.73	4.51	12.01		18679	18.97	0.59	9.42	19.2	35.83	31.4	6.79	18.97
16009	10.11	22.89	10.11	7.02	37.57	7.76	4.51	11.91		18680	11.08	0.59	7.21	13.71	32.33	25.04	4.06	11.08
16010	17.64	27.06	18.7	11.21	37.57	11.99	4.67	17.64		18681	12.26	0.59	10.09	18.04	31.05	23.15	3.1	12.26
16011	17.96	24.18	12.87	11.68	20.78	25.23	4.53	17.96		18682	14.26	0.59	14.26	18.35	37.37	24.77	4.22	12.09
16012	14.13	10.09	45.63	25.47	9.9	31.73	11.89	14.13		18683	17.37	0.59	17.37	21.17	44.28	25.48	4.29	13.61
16013	19.86	17.73	33.65	22.84	19.86	21.6	6.14	14.13		18684	13.3	0.59	19.47	4.99	37.07	27.9	4.09	13.3
16014	17.88	12.66	26.46	23.45	19.79	17.88	2.97	12.84		18685	14.81	14.81	14.66	5.86	41.52	30.44	10.03	15.88
16015	12.67	7.76	15.14	14.67	12.67	11.25	1.13	12.84		18686	14.66	12.33	14.66	5.37	39.25	27.75	16.12	14.14
16016	12.84	7.76	16	14.6	59.96	7.73	0.79	12.84		18687	17.8	12.45	14.66	5.8	38.07	30.3	26.12	17.8
16017	11.11	7.76	16	14.61	60.45	6.97	0.37	11.11		18688	17.8	13.06	14.66	4.83	36.96	33.59	28.92	17.8
16018	11.11	7.76	16	13.91	59.5	5.47	0.26	11.11		18689	17.8	14.21	14.66	5.86	39.88	41	24.9	17.8
16019	11.11	7.76	16	15.34	58.65	6.66	0.26	11.11		18690	16.84	6.64	14.66	11.13	16.84	44.75	28.92	20.34
16020	11.11	7.76	13.26	16.86	66.21	7.39	0.23	11.11		18691	16.34	2.71	29.06	15.5	16.34	28.63	24.73	10.66
16021	11.11	1.1	15.06	19.89	71.53	9.35	0.77	11.11		18692	9.7	2.1	4.98	18.27	13.34	15.58	7.81	9.7
16022	11.11	1.18	15.29	19.85	73.23	8.62	1.53	11.11		18693	7.81	2.06	6.11	19.03	12.91	9.68	7.81	3.73
16023	11.11	1.05	11.3	19.07	62.45	6.1	1.52	11.11		18694	8.26	2.08	8.26	22.49	18.97	10.5	7.81	3.81
16024	13.97	1.05	15.22	19.96	60.86	4.75	1.44	13.97		18695	12.73	2.82	12.73	27.16	27.45	13.27	7.81	4.06
16025	14.76	1.04	17.78	25.44	61.38	5.09	3.96	14.76		18696	16.06	4.73	16.06	32.26	32.71	20.05	7.81	5.14
16026	17.78	3.38	17.78	29.36	62.91	9.7	5.49	20.31		18697	17.8	28.13	15.08	7.93	43.05	40.64	8.83	17.8
16027	17.78	3.86	17.78	22.22	67.71	21.28	11.86	13.97		18698	19.42	28.13	19.42	7.93	47.41	40.64	3.51	17.8

Table 3

16028	19.74	30.3	17.78	8.49	68.8	40.42	14.86	19.74		18699	7.93	5.63	22.95	7.93	22.01	39.12	2.17	4.34
16029	9.93	20.34	4.35	16.07	7.65	9.93	34.04	0.95		18700	5.63	5.63	17.42	1.26	21.96	37.88	1.79	2.05
16030	7.3	20.34	3.66	14.4	7.3	4.37	27.98	0.95		18701	3.31	3.31	17.42	1.26	23.1	41.47	1.41	2.05
16031	7.53	20.34	4.52	14.46	7.53	3.22	28.17	0.78		18702	3.31	3.31	17.42	1.26	23.01	50.58	1.5	2.05
16032	7.66	21.91	4.54	14.56	7.66	2.76	46.08	0.57		18703	2.05	1.77	17.42	1.26	25.51	57.3	0.88	2.05
16033	7.02	21.29	4.33	7.02	10.54	3.61	46.08	0.95		18704	2.61	2.61	17.42	1.26	25.51	60.01	0.56	2.32
16034	7.02	32.45	5.19	7.02	13.44	6.01	45.12	1.37		18705	4.02	3.14	17.42	4.02	40.75	69.99	0.66	3.77
16035	13.49	32.98	7.41	7.22	13.49	29.81	33.91	2.14		18706	6.04	1.77	17.42	4.21	31.36	36.4	0.65	6.04
16036	17.95	17.95	23.81	2.42	11.47	19.97	25.14	3.73		18707	11.5	1.77	52.68	9.82	29.48	21.45	1.01	11.5
16037	13.82	16.45	23.81	2.46	11.56	13.82	22.46	3.73		18708	12.53	1.3	42.93	14.23	25.39	12.53	1.47	11.11
16038	9.56	9.56	21	2.5	11.56	7.16	25.63	1.98		18709	9.74	0.74	48.84	20.71	24.71	9.62	1.78	9.74
16039	9.56	9.56	13.69	2.58	11.56	3.72	29.94	1.47		18710	9.44	0.44	15.68	23	22.39	9.39	4.52	9.44
16040	9.56	9.56	16.11	3.14	11.56	4.19	53.38	1.41		18711	16.1	0.81	18.75	28.35	31.36	13.13	16.1	13.31
16041	9.56	9.56	15.07	3.14	11.56	4.76	53.38	1.13		18712	18.99	1.51	18.99	28.35	31.36	21.33	16.1	13.25
16042	11.56	9.56	17.89	14.41	11.56	7.49	55.98	1.86		18713	12.06	19.41	10.03	35.07	12.06	28.06	11.84	7.46
16043	17.2	2.95	46.16	10.38	0.11	17.2	23.38	21		18714	11.97	19.41	5.58	35.08	11.97	15.11	8.42	7.46
16044	14.51	2.95	46.16	10.52	6.18	14.51	23.38	21		18715	12.38	19.41	7.86	37.64	12.38	14.74	8.8	7.46
16045	13.57	2.95	46.16	10.5	6.65	13.57	23.38	21		18716	15.21	16.02	8.26	36.59	15.21	13.52	18.43	7.46
16046	17.5	2.95	46.16	10.25	12.23	20.41	23.38	17.5		18717	19.36	19.36	10.58	27.24	23.69	16.34	23.78	7.46
16047	19.19	13.15	6.4	43.45	35.1	18.46	19.19	26.55		18718	18.97	19.36	18.97	12.87	4.7	52.16	19.7	13.69
16048	19.82	8.28	14.04	37.79	19.82	40.17	1.52	35.44		18719	19.7	11.63	33.97	10.7	0.18	82.28	19.7	34.33
16049	13.62	4.01	24.64	13.62	10.22	24.26	0.96	25.18		18720	10.66	10.66	37.73	8.83	0.19	82.86	19.7	2.25
16050	9.72	1.27	17.34	10.8	0.77	9.72	0.71	10.1		18721	10.33	10.33	37.73	8.81	0.19	73.49	19.7	2.08
16051	4.28	0.05	14.76	7.95	0.57	4.28	1.22	9.41		18722	10.95	10.95	37.73	8.91	0.2	68.87	19.7	2.16
16052	4.22	0.04	18.76	9.02	0.5	4.22	1.68	9.73		18723	9.87	8.3	35.48	9.87	0.22	45.06	19.7	1.34
16053	4.28	0.02	23.58	11.67	0.5	4.28	1.78	10.2		18724	1.16	10.2	0.76	0.49	0.46	20.38	19.7	1.16
16054	6.11	0.02	30.99	14.65	0.87	6.11	3.8	11.4		18725	10.18	10.18	1.17	0.49	32.32	10.26	21.41	1.16
16055	13.97	0.05	40.93	16.78	1.7	13.97	3.47	23.15		18726	1.9	1.9	1.83	0.49	17.8	3.23	4.85	1.16

Table 3

16056	15.14	0.18	36.97	15.14	3.01	32.32	7.85	15.78		18727	1.8	1.8	1.8	0.49	17.8	1.24	4.88	1.07
16057	18.91	1.34	18.91	9.97	22.64	45.36	12.09	23.91		18728	1.8	1.8	2.95	0.49	17.8	1.04	10.08	1.15
16058	15.91	15.15	18.91	5.47	22.64	38.1	12.47	15.91		18729	1.93	1.93	3.73	0.49	17.8	1.14	13.87	1.44
16059	16	15.15	16	4	22.64	27.81	19.06	15.7		18730	5.75	6.07	5.75	0.49	17.8	2.04	18.18	2.49
16060	16	15.15	16	3.82	22.64	23.66	20.44	15.91		18731	8.98	8.98	8.81	9.68	16.98	2.51	23.61	4.49
16061	16	15.15	16	4.19	22.64	25.36	24.54	15.91		18732	4.16	7.21	1.07	4.16	16.98	1.08	10.25	0.62
16062	15.91	15.15	16	5.61	22.64	33.64	15.47	15.91		18733	4.48	23.86	1.06	4.48	16.98	0.64	14.48	0.62
16063	15.27	67.8	3.84	17.42	13.64	32.3	11.35	15.27		18734	3.03	13.5	0.82	3.03	16.98	0.21	14.48	0.39
16064	11.83	66.32	4.9	14.22	11.83	19.46	10.68	2.86		18735	3.46	7.21	0.45	3.46	9.05	0.08	10.02	0.23
16065	10.98	47.88	5.73	13.49	10.98	13.52	10.49	2.68		18736	4.75	4.92	0.45	4.75	8.78	0.06	10.3	0.34
16066	14.22	47.69	8.04	14.22	10.6	15.14	22.5	2.89		18737	3.24	3.24	0.57	6.41	8.35	0.07	18.6	0.6
16067	11.08	11.08	10.71	2.87	12.8	18.11	36.07	3		18738	2.53	2.53	0.59	9.08	7.54	0.54	18.77	0.62
16068	15.13	10.47	22.53	2.88	15.13	26.7	45.73	8.39		18739	9.11	5.17	4.71	34.62	9.83	2.11	26.07	9.11
16069	18.27	8.67	22.53	3.25	18.27	56.17	42.45	8.89		18740	11.21	11.21	4.86	33.38	12.96	7.62	30.04	9.44
16070	4.88	3.92	53.65	4.88	4.18	23.37	45.92	1.96		18741	16.98	14.41	4.86	35.34	16.98	38.5	32.39	12.77
16071	4.1	3.89	30.21	3.33	4.1	10.26	42.61	1.63		18742	2.98	2.98	3.78	9.79	1.37	2.49	57.16	1.87
16072	5.03	4.13	30.21	5.03	4.17	6.42	42.67	1.61		18743	2.98	2.98	4.9	9.52	1.26	0.81	47.81	1.87
16073	4.59	3.53	20.84	4.59	6.04	3.66	39.05	1.35		18744	2.98	2.98	7.28	9.26	1.24	0.5	41.89	1.87
16074	7.47	7.47	14.38	9.25	6.04	3.7	40.55	1.26		18745	2.5	2.5	9.12	9.62	1.26	0.47	40.44	1.87
16075	7.65	7.65	16.53	12.38	6.04	5.04	44.61	2.13		18746	2.98	2.98	10.99	18.78	2.2	0.63	29.19	2.26
16076	17.62	15.89	17.62	20.45	20.43	8.68	55.1	2.45		18747	3.61	2.98	9.51	13.53	3.61	1.62	20.95	2.74
16077	18.72	16.06	4.31	5.7	34.4	18.9	18.72	26.8		18748	7.8	2.98	13.4	12.84	5.62	7.8	19.88	6.6
16078	8.84	18.77	5.73	5.76	29.13	17.63	8.84	8.57		18749	15.95	6.67	15.95	11.28	63.84	18.77	16.65	9.11
16079	12.54	18.99	6.98	6.72	28.43	20.18	12.42	12.54		18750	15	9.96	20.04	10.33	63.36	21.22	15	9.24
16080	17.23	6.18	12.45	31.74	41.46	17.23	40.24	16.56		18751	14.23	26.88	8.18	14.23	9.27	28.13	10.46	29.51
16081	17.08	6.18	16.5	17.08	50.63	22.12	49.69	16.56		18752	11.11	13.72	7.6	15.66	7.55	13.07	10.46	11.11
16082	18.7	6.18	18.7	18.45	59.12	32.41	35.05	16.56		18753	8.99	13.72	4.89	8.99	7.55	4.11	10.46	11.11
16083	12.46	4.37	2.01	12.46	15.61	33.18	39	7.95		18754	8.49	12.77	5.48	8.49	7.55	2.08	10.46	11.11

Table 3

16084	12.71	4.37	2.34	12.71	41.16	20.72	34.46	7.95		18755	8.81	9.2	7.6	8.81	7.55	1.96	10.46	11.11
16085	8.64	4.37	0.56	12.18	22.96	8.64	27.9	7.95		18756	9.28	10.98	7.6	9.28	7.55	2.91	12.91	11.11
16086	7.95	4.37	0.43	8.83	21.8	4.37	14.47	7.95		18757	11.11	13.72	7.6	11.39	7.55	8.47	18.36	11.11
16087	7.95	4.37	0.5	8.37	24.4	3.27	16.29	7.95		18758	18.33	13.72	14.66	18.33	50.88	29.98	21.72	11.55
16088	9.75	9.75	0.73	11.78	28.47	5.12	16.68	8.05		18759	16.54	2.95	14.66	6.31	41.9	64.4	17.97	16.54
16089	5.54	4.37	0.88	3.96	5.54	7.29	17.92	7.95		18760	18.27	2.95	40.18	3.74	25.93	80.2	11.72	18.27
16090	8.29	8.29	3.73	6.07	4.97	9.49	15.59	13.28		18761	15.53	2.95	40.35	3.49	22.98	76.48	10.64	15.53
16091	8.29	8.29	6.45	6.07	5.26	18.11	12.67	13.82		18762	11.8	2.95	40.35	3.31	23.43	76.58	8.7	11.8
16092	10.88	8.29	35.68	6.07	5.37	24.42	10.88	19.72		18763	14.66	2.95	40.35	7.28	24.52	77.1	6.27	14.66
16093	11.22	9.53	9.39	7.76	11.22	41.11	20.51	20.77		18764	12.99	2.95	40.35	5.18	28.1	73.3	6.26	12.99
16094	14.77	9.87	8.88	10.72	15.44	56.17	20.51	14.77		18765	7.72	7.72	40.35	6.56	4.34	66.39	0.63	10.63
16095	18.26	18.26	9.64	18.1	54.11	72.81	20.51	14.93		18766	6.98	6.58	33.29	6.98	5.83	56.73	0.99	10.59
16096	17.6	17.6	7.65	10.26	52.23	71.83	28.98	14.15		18767	7.23	4.77	37.07	7.23	1.73	31.09	2.51	8.55
16097	15.22	4.27	15.22	9.63	0.07	68.11	27.79	18.87		18768	6.73	2.89	31.94	6.73	0.68	17.83	4.37	8.53
16098	19.67	9.78	5.01	13.25	19.67	43.45	37.79	37.17		18769	7.69	1.47	35.76	7.27	0.59	13.33	7.69	8.9
16099	12.55	5.24	4.67	12.55	5.5	25.42	33.39	37.59		18770	8.34	0.91	39.95	6.89	0.58	11.53	8.34	11.02
16100	12.78	5.24	6.43	12.78	4.84	22.44	30.25	32.39		18771	12.33	1.48	46.91	12.9	0.58	15.62	8.68	12.33
16101	12.29	5.24	7.62	12.29	4.47	18.32	27.78	31.57		18772	7.17	7.17	8.74	6.41	59.08	28.34	7	5.74
16102	15.76	5.24	10.3	15.76	4.71	19.98	24.81	37.56		18773	6.21	3.48	8.74	6.02	29.19	19.65	6.21	5.59
16103	17.85	1.99	17.85	39.93	1.36	33.72	19.37	17.8		18774	7.04	3.5	8.74	6.24	24.85	19.01	7.04	5.73
16104	17.8	1.99	20.53	39.56	2.27	27.22	12.08	17.8		18775	8.08	3.49	8.74	6.68	21.82	21.83	8.08	5.84
16105	19.1	1.99	24.77	47.76	3.97	31.42	15.33	19.1		18776	8.74	3.5	8.74	6.96	20.3	23.78	9.23	5.94
16106	17.93	15.86	41.46	17.93	14.74	23.68	27.18	7.03		18777	11.08	7.72	8.74	7.19	22.25	34.85	11.08	16.1
16107	15.74	15.86	27.26	15.74	13.97	13.09	21.17	5.68		18778	13.28	12.35	9.17	7.96	25.07	50.62	13.67	13.28
16108	15.74	26.69	35.77	15.74	15.31	12.75	17.3	5.86		18779	14.05	25.48	4.3	11.8	23.43	44.14	13.58	14.05
16109	15.74	26.69	41.42	15.74	16.19	11.88	14.84	6.15		18780	14.05	30.15	6.12	11.54	17.1	32.99	8.53	14.05
16110	16.4	50.17	16.4	10.25	23.27	16.24	35.66	1.08		18781	11.66	27.05	9.2	11.66	6.2	33.45	7.84	11.82
16111	11.53	43.3	9.29	2.3	23.27	11.53	30.58	0.95		18782	7.67	5.17	7.67	9.72	6.2	19.78	3.61	11

Table 3

16112	13.36	42.41	9.61	2.37	23.27	13.36	38.62	1		18783	7.74	5.17	7.74	10	6.2	14.34	2.37	10.97
16113	15.74	49.88	9.98	2.35	23.27	15.74	41.51	1		18784	9.91	5.17	9.91	13.03	6.2	12.27	1.95	16.82
16114	19.84	51.39	11.02	2.61	23.27	19.84	41.97	2.84		18785	10.74	3.77	12.19	15.02	6.2	10.74	1.35	17.81
16115	12.69	11.59	12.69	10.21	2.49	14.96	57.75	12.86		18786	11.02	2.94	14.01	28.45	6.2	11.02	1.59	25.48
16116	16.05	23.72	16.05	17.93	2.51	9.72	57.75	12.86		18787	10.18	3.48	11.1	20.36	6.2	10.18	0.77	10.38
16117	12.71	23.72	12.71	17.93	2.2	5.92	57.75	9.9		18788	14.51	3.86	15.26	21.2	23.81	14.51	1.18	10.44
16118	11.78	23.72	11.78	17.93	2.08	5.12	57.75	8.62		18789	18.15	4.4	18.15	26.11	29.77	21.62	2.89	11.89
16119	16.1	23.72	16.1	17.93	3.65	8.47	59.35	12.65		18790	11.25	11.25	7.75	19.87	27.62	31.41	4.92	10.71
16120	14.15	0.99	22.29	14.15	75.22	47.79	9.74	4.69		18791	18.53	13.04	9.42	25.67	28.87	33.9	5.37	18.53
16121	14.35	0.99	25.25	14.35	49.46	42.31	8.45	4.69		18792	16.19	13.04	12.66	25.92	23.68	43.72	4.26	16.19
16122	14.64	0.99	27.06	14.64	49.46	38.12	6.97	5.85		18793	14.66	15.86	6.47	14.64	34.56	14.66	25.42	3.73
16123	12.51	8.58	56.82	11.76	4.03	53.41	19.14	12.51		18794	15.86	15.86	6.93	20.22	40.9	10.33	25.33	3.73
16124	12.69	8.25	54.79	11.37	3.45	41.57	19.14	12.69		18795	15.86	15.86	7.31	24.82	43.23	9.56	23.84	3.73
16125	17.66	8.34	52.82	11.24	3.06	33.34	19.14	17.66		18796	12.97	6.18	7.59	28.28	43.23	12.97	30.98	3.73
16126	17.77	8.3	52.62	10.45	2.83	33.03	19.14	17.77		18797	16.56	10.84	5.5	33.16	43.23	16.56	30.98	4.92
16127	19.86	19.86	39.83	7.43	52.24	63.76	17.7	3.84		18798	18.25	12.96	5.5	34.02	50.44	18.25	30.98	4.26
16128	17.7	8.97	36.71	7.14	58.16	39.56	17.7	2.49		18799	18.52	12.69	30.21	20.98	18.52	24.81	3.62	15.66
16129	17.7	1.75	36.71	6.41	58.39	28.1	17.7	2.5		18800	10.15	3.18	15.07	20.45	18.52	10.15	2.97	2.92
16130	16	1.75	36.71	5.54	58.27	16	17.7	2.38		18801	6.07	2.98	13.18	19.35	18.52	6.07	2.26	2.92
16131	17.19	1.75	36.71	5.82	61.68	17.19	17.7	2.52		18802	4.99	2.97	15.75	19.35	18.52	4.99	1.8	2.37
16132	14.28	1.75	14.28	11.01	56.57	15.8	17.7	3.78		18803	3.89	2.26	12.31	18.76	47.76	3.82	3.89	1.34
16133	14.2	1.75	14.2	11.19	65.71	20.99	17.11	6.98		18804	10.12	2.45	14.91	14.22	56.05	4.93	10.12	1.83
16134	11.83	1.75	10.67	21.09	8.63	32.95	43.34	11.83		18805	14.07	4.24	16.26	14.22	56.05	8.58	14.07	2.89
16135	18.39	10.25	51.79	35.46	4.42	18.39	26.72	17.18		18806	10.52	14.3	6.41	10.52	40.81	37.55	8.28	8.48
16136	11.11	5.69	6.09	21.79	11.1	46.54	50.44	11.11		18807	10.41	25.85	7.42	10.41	68.92	32.84	7.56	8.82
16137	10.94	5.24	6.5	10.94	11.25	27.31	42.27	4.34		18808	12	23.58	9.57	12	70.05	32.67	8.24	8.73
16138	9.35	5.24	4.65	10.14	9.35	16.78	45.68	4.34		18809	13.59	40.07	13.59	11.37	70.05	31.07	5.05	8.11
16139	9.87	5.24	5.84	9.94	9.87	14.53	48.72	4.34		18810	19.26	43.97	19.26	11.56	70.05	36.14	7.47	8.47

Table 3

16140	6.98	5.24	6.91	6.98	14.48	15.94	41.73	4.34		18811	10.95	3.31	10.95	3.49	37.99	21.55	12.42	3.31
16141	14.52	14.52	9.33	8.01	19.92	21.23	57.55	6.58		18812	10.03	3.31	10.03	5.61	37.99	8.63	12.42	12.23
16142	14.01	14.01	10.37	7.35	23.79	29.34	70.12	11.63		18813	5.61	3.31	2.57	5.61	37.99	5.08	12.42	12.23
16143	16.65	15.8	22.94	16.65	71.25	23.51	5.43	9.44		18814	5.61	3.31	1.95	5.61	37.99	3	12.42	12.23
16144	14.96	14.96	27.1	8.11	71.25	19.01	3.82	9.44		18815	5.61	3.31	2.81	5.61	33.5	3.9	12.42	12.23
16145	14.88	14.88	29.72	6.36	34.24	16.1	0.61	9.44		18816	6.74	3.31	3.03	6.74	29.83	5.23	13.47	12.23
16146	9.44	5.36	29.72	7.41	24.94	13.69	1.24	9.44		18817	12.23	3.31	3.55	8.28	27.43	14.92	14.47	12.23
16147	9.44	5.19	43.27	7.41	24.94	13.57	1.26	9.44		18818	18.85	9.51	31.02	3.14	18.85	45.02	20.15	13.69
16148	10.54	5.17	51	10.54	24.94	14.44	4.01	9.44		18819	17.41	9.51	39.31	3.96	18.85	44.46	17.41	14.14
16149	15.91	5	51	15.91	24.94	16.9	4.38	11.52		18820	13.73	1.55	39.31	3.82	8.12	31.41	13.73	13.98
16150	13.4	10.79	41.36	13.4	15.69	66.65	1.43	12.23		18821	12.34	1.55	39.31	4.51	7.41	29.79	12.34	15.59
16151	9.95	6.85	18.26	6.46	15.69	55.27	0.97	9.95		18822	8.15	1.55	39.31	5.39	6.39	28.61	8.15	16.36
16152	9.95	4.12	19.01	5.98	19.94	47.65	0.99	9.95		18823	10.25	1.55	39.31	10.25	6.38	26.12	8.71	17.27
16153	6.17	2.94	22.8	5.63	6.17	42.73	1.01	9.95		18824	14.86	1.55	24.24	9.32	10.1	21.9	16.36	14.86
16154	5.73	4.28	27.49	5.73	5.68	40.84	0.97	9.95		18825	14.65	4.16	24.24	13.19	13.56	18.32	16.36	14.65
16155	8.81	5.5	32.03	8.81	5.62	43.61	0.93	14.13		18826	16.36	2.88	24.24	14.28	18.41	19.18	16.36	14.57
16156	13.95	6.25	38.01	13.95	5.74	50.6	1.9	21.13		18827	18.81	18.81	24.24	16.92	22.05	18.32	19.79	14.59
16157	17.38	6.71	40.87	17.38	8.33	56.48	9.32	32.9		18828	19.93	17.95	24.24	18.21	22.05	20.18	19.08	19.93
16158	10.82	6.71	7.09	2.34	11.76	32.61	51.07	10.82		18829	16.21	16.21	13.12	13.64	22.05	16.13	16.64	16.54
16159	10.92	6.71	7.47	2.11	17.49	20.61	51.24	10.92		18830	14.85	4.59	17.19	11.09	22.05	14.85	16.9	8.63
16160	8.98	8.98	7.06	1.98	36.52	9.63	46.5	4.69		18831	11.79	9.07	13.38	11.05	48.07	13.44	11.79	8.3
16161	5.15	8.98	5.15	1.77	33.29	4.38	43.9	4.69		18832	10.1	7.25	13.77	10.1	45.15	11.58	7.98	8.92
16162	4.69	8.98	1.59	1.67	12.95	2.53	42.88	4.69		18833	8.08	6.49	17.75	6.64	8.08	12.35	6.91	8.92
16163	4.69	8.98	2.27	2.34	12.99	2.18	44.15	4.69		18834	8.92	6.46	21.04	10.08	8.08	14.74	6.62	8.92
16164	4.8	8.98	4.03	4.8	14.68	4.74	55.79	4.69		18835	10.81	4.62	22.95	10.81	8.08	18.32	7.42	14.8
16165	16.29	18.81	7.64	27.95	16.29	10.53	38.3	4.69		18836	10.85	3.68	28.3	12.1	8.08	22.45	10.85	2.58
16166	10.25	10.25	4.94	7.4	50.47	5.98	17.89	21.62		18837	8.08	7.76	37.72	6.72	8.08	16.17	12.07	2.48
16167	11.25	11.25	6.64	9.68	35.42	9.08	16.93	21.62		18838	8.55	7.76	42.98	8.55	8.08	16.24	12.07	2.6

Table 3

16168	16.9	10.25	9.28	12.62	32.92	23.59	16.9	20.28
16169	12	8.81	20.48	5.78	33.69	63.5	5.75	12
16170	7.67	4.16	21.32	2.88	35.41	20.2	7.67	0.38
16171	0.69	0.13	12.93	0.69	0.47	2.95	6.21	0.38
16172	0.67	0.13	15.24	0.67	0.46	1.4	5.63	0.38
16173	0.67	0.13	19.21	0.67	0.5	1.01	4.77	0.38
16174	0.89	0.09	18.68	0.89	0.51	1.08	14.41	0.38
16175	1.56	0.13	22.72	1.91	1	1.56	14.4	0.38
16176	2.19	0.13	7.34	3.58	1.85	2.19	13.34	0.38
16177	3.57	0.13	7.62	9.31	3.09	3.57	9.61	2.05
16178	9.55	9.55	12.46	16.65	13.7	4.82	5.65	2.05
16179	10.14	10.14	14.37	19.64	12.48	3.73	2.8	2.05
16180	10.4	10.4	17.84	20.81	11.97	4.84	2.25	2.05
16181	9.72	10.22	9.72	23.36	16.84	5.48	2.52	5.66
16182	13.89	21.11	4.55	19.06	23.52	13.89	1.45	5.55
16183	16.28	10.87	7.75	19.64	36.25	53.5	3.78	16.28
16184	18.13	10.87	10.04	18.13	31.08	52.91	7.97	19.45
16185	17.56	10.87	13.28	17.56	29.17	57.66	9.32	24.57
16186	18.7	4.89	4.67	27.37	34.03	65.06	18.7	18.04
16187	16.54	10.25	6.94	22.81	37.37	54.4	16.54	14.7
16188	13.12	10.25	8.81	22.45	34.9	39.53	13.12	11.03
16189	10.25	10.25	8.08	11.71	39.38	29.2	1.67	8.34
16190	10.25	10.25	10.58	7.21	43.22	25.04	1.18	7.39
16191	10.25	10.25	13.61	4.41	46.2	24.1	1.28	8.11
16192	10.25	10.25	17.86	3.66	56.78	25.07	1.64	8.31
16193	10.25	10.25	28.25	1.86	16.33	19.07	0.6	6.21
16194	7.85	7.85	30.51	2.17	19.81	8.71	0.94	7.31
16195	7.99	8.84	12.17	2.33	20.37	5.88	1.06	7.99

18839	8.12	1.99	48.74	8.12	8.08	14.96	25.1	2.48
18840	14.84	1.99	34.41	8.08	43.99	14.84	19.82	2.61
18841	12.2	1.99	35.11	8.85	50.87	16.63	12.2	6.92
18842	16.21	2.02	33.81	16.21	62.43	22.64	6.17	8.05
18843	10.33	7.31	17.18	5.5	34.21	21.35	4.18	10.33
18844	18.77	24.57	21.13	5.18	34.21	18.77	5.25	6.95
18845	7.32	3.67	24.45	4.94	11.32	14.18	7.32	5.16
18846	6.92	3.67	29.71	4.77	11.32	10.4	6.92	5.14
18847	7.26	3.67	32.24	4.62	11.32	8.41	7.26	4.95
18848	8.7	3.67	40.36	9.15	11.32	8.7	7.26	6.11
18849	11.32	3.67	48.86	11.62	11.32	12.45	5.92	7.47
18850	14.26	3.68	38.78	18.55	11.32	15.43	7.73	14.26
18851	11.32	3.67	20.77	21.81	11.32	21.8	9.31	9.55
18852	13.81	5.69	18.12	22.86	13.81	24.51	6.02	11.65
18853	15.26	8.84	20.69	32.24	13.81	31.44	9.86	15.26
18854	15.26	8.84	23.84	40.33	13.81	38.21	12.51	15.26
18855	15.26	8.84	25.29	45.11	13.81	45.38	9.4	15.26
18856	19.8	19.8	73.24	12.48	32.45	61.5	17.24	9.07
18857	13.03	18.02	6.98	13.03	75.22	13.72	6.65	5.05
18858	7.38	3.31	7.38	15.19	75.22	5.6	8.69	5.79
18859	8.38	3.31	8.38	17.08	75.22	3.93	11.62	5.79
18860	10.18	3.31	10.18	23.22	75.22	3.73	12.2	5.79
18861	13.07	3.31	13.07	31.5	75.22	4.93	21.49	5.79
18862	15.7	3.31	15.7	34.45	75.22	8.84	18.97	5.79
18863	18.97	6.53	14.15	34.83	69.03	21.53	18.97	5.79
18864	9.35	12.2	16.7	8.01	2.4	9.35	17.16	2.05
18865	9.22	10.55	16.7	9.22	1.17	6.47	15.43	2.05
18866	8.95	10.44	16.7	8.95	1.18	6.3	21.71	2.05

Table 3

16196	4.3	8.5	4.3	2.61	8.31	3.56	2.18	6.18		18867	7.08	9.66	16.7	7.08	1.6	5.96	15.81	2.05
16197	5.22	9.41	5.22	2.61	8	3.51	2.57	6.1		18868	7.72	9.82	16.7	7.72	1.62	7.29	19.82	2.05
16198	3.47	12.54	3.93	2.61	2.66	3.47	3.17	8.76		18869	12.96	12.2	16.7	12.96	2.36	13.52	16.73	2.09
16199	5.53	7.22	5.53	6.3	2.5	4.44	5.1	8.45		18870	11.83	2.71	16.7	15.64	0.27	14.85	11.83	8.79
16200	6.3	6.3	4.52	11.39	1.94	7.06	6.05	8.94		18871	12.69	2.71	19.31	20.4	8.67	12.73	8.26	12.69
16201	6.8	6.4	4.67	19.61	1.9	7.14	6.8	13.52		18872	9.93	2.94	21.59	26.54	8.04	9.93	7.59	11.91
16202	18.97	7.44	7.05	23.29	29.96	10.19	37.89	18.97		18873	12.22	3.15	26.15	31.33	7.47	12.22	8.15	13.62
16203	17.07	2.46	17.07	12.98	63.05	25.74	17.8	3.89		18874	14.09	3.13	33.08	41.23	11.57	16.1	10.55	14.09
16204	13.97	2.46	31.15	13.27	61.01	28.1	13.97	3.96		18875	19.03	6.61	38.25	43.4	17.72	19.03	14.17	25.97
16205	6.82	2.46	6.82	5.22	64.17	22.74	7.56	3.44		18876	7.61	3.93	7.54	7.61	40.49	14.86	16.72	2.66
16206	4.81	2.85	6.49	4.81	62.42	20.16	3.82	4.13		18877	9.08	3.93	9.08	8.39	40.49	14.64	13.99	2.59
16207	4.46	2.46	6.64	4.46	59.89	21.6	2.4	3.99		18878	9.9	3.93	10.02	8.57	40.49	15.75	9.9	2.99
16208	5.63	5.63	9.68	5.11	59.16	25.1	1.59	5.45		18879	8.57	3.93	12.44	8.57	40.49	23.83	8.38	3.89
16209	5.63	5.63	14.44	5.2	50.87	24.49	1.48	5.51		18880	10.98	3.93	15.78	10.98	62.65	39.46	7.27	4.14
16210	12.78	5.63	21.33	11.54	52.61	31.78	2.5	12.78		18881	17.76	3.93	7.51	17.76	22.24	20.6	37.93	3.46
16211	8.97	5.63	27.91	8.97	54.21	33.3	3.14	4.01		18882	12.61	8.78	7.6	18.49	18.64	12.61	71.33	7.95
16212	13.04	13.04	15.91	6.11	46.51	27.98	6	7.95		18883	10.03	7.43	7.6	18.97	18.56	10.03	82.76	7.95
16213	13.04	13.04	9.53	3.91	46.51	24.6	13.41	5.05		18884	8.37	5.18	7.6	18.71	16.93	8.37	80.5	7.95
16214	7.97	1.97	7.97	3.45	46.51	20.41	20.52	5.05		18885	10.5	5.27	7.6	18.96	15.42	10.5	81.6	7.95
16215	5.61	1.97	3.55	5.61	46.51	15.95	34.95	5.05		18886	18.7	8.98	7.6	31.21	22.24	18.7	78.34	10.7
16216	5.61	1.97	4.12	5.61	44.82	16.74	33.38	5.05		18887	19.23	15.02	16.26	21.4	12.41	24.95	64.96	19.23
16217	5.61	1.97	4.77	5.61	46.51	18.13	27.64	5.05		18888	18.34	7.19	18.34	21.61	15.18	14.26	58.29	19.16
16218	14.24	1.97	7.65	10.41	46.51	26.95	21.08	14.24		18889	12.91	7.19	14.52	22.3	12.91	7.79	52.34	8.84
16219	19.31	1.97	11.46	17.72	52.58	36.01	20.81	19.31		18890	12.85	7.19	13.2	22.03	12.85	5	39.62	8.31
16220	15.42	10.92	37.51	15.42	19.54	54.19	7.36	2.92		18891	16.27	7.19	16.27	17.85	17.66	5.09	36.93	8.28
16221	7.36	7.3	33.97	1.33	16.21	37.14	7.36	2.92		18892	19.68	6.36	19.68	7.76	41.07	25.5	26.2	7.03
16222	2.92	1.3	21.11	1.21	0.22	15.11	7.36	2.92		18893	19.68	5.85	19.68	15.74	40.62	20.9	29.71	7.03
16223	2.92	1.39	24.96	1.27	0.21	9.6	7.36	2.92		18894	19.68	6.13	19.68	15.74	54.42	22.62	36.54	7.03

Table 3

16224	2.92	1.38	5.27	0.78	0.22	4.98	7.36	2.92		18895	19.68	7.49	19.68	5.44	62.46	24.47	31.43	7.03
16225	2.92	1.44	6.29	0.88	0.25	3.88	7.36	2.92		18896	19.68	7.53	19.68	8.41	69.09	30.27	30.77	7.03
16226	2.92	1.54	8.37	1.85	0.5	5.65	18.87	2.92		18897	19.68	8.37	19.68	10.47	75.22	41.61	33.74	10.17
16227	5.83	5.83	12.51	2.42	0.98	10.1	23.18	4.01		18898	19.68	16.22	19.68	13.43	50.4	57.09	29.74	10.06
16228	6.95	6.25	17.07	6.95	1.74	20.02	24.77	6.18		18899	19.08	10.31	9.08	38.29	44.78	17.72	43.98	19.08
16229	18.75	18.75	16.65	9.92	59.18	41.23	25.66	15.75		18900	19.08	11.06	9.06	44.48	44.78	15.59	48.22	19.08
16230	18.76	18.75	18.76	11.6	56.76	41.07	21.14	18.3		18901	19.89	9.57	28.02	19.89	75.22	42.38	14.66	12.66
16231	19.53	19.53	30.64	12.95	61.23	43.21	9.31	9.31		18902	19.43	25.92	19.43	20.31	67.32	10.38	7.11	3.58
16232	15.91	10.24	2.46	26.92	5.9	34.52	76.54	15.91		18903	15.19	21.52	19.52	15.19	42.06	6.09	6.43	3.46
16233	15.91	7.26	2.41	25.88	5.76	16.05	72.68	15.91		18904	15.64	22.37	22.48	15.64	40.81	6.27	9.67	3.47
16234	9.52	5.07	2.57	23.45	5.76	9.52	71.84	15.91		18905	19.54	28.81	26.23	19.54	40.56	8.56	15.09	4.29
16235	8.45	5.13	4.01	23.31	6.34	8.45	71.74	15.91		18906	18.3	2.07	47.78	35.31	9.23	14.56	34.28	18.3
16236	11.4	9.35	5.82	23.64	9.22	11.4	57.29	15.91		18907	19.07	2.22	47.78	36.06	9.43	17.63	24.98	19.07
16237	15.76	13.87	8.19	32.4	12.23	15.76	36.1	17.47		18908	17.85	2.37	37.11	14.94	14.88	22.74	25.45	17.85
16238	12.23	13.04	10.19	5.18	12.23	24.84	26.66	2.68		18909	14.94	1.99	11.44	14.94	22.44	14.96	16.1	13.4
16239	14.99	12.32	14.99	2.61	36.84	39.06	24.35	2.68		18910	9.14	6.71	10.37	9.14	27.32	0.94	12.58	0.43
16240	14.44	1.4	14.44	2.61	27.76	33.72	21.67	2.68		18911	9.14	6.71	10.67	9.14	27.32	0.15	9.81	0.31
16241	7.06	1.28	13.44	2.61	26.34	7.06	20.03	1.8		18912	6.7	6.7	6.45	9.14	27.32	0.07	11	0.15
16242	4.21	1.28	14.99	2.61	7.45	4.21	11.8	1.41		18913	6.99	6.71	6.99	9.34	27.32	0.06	20.4	0.13
16243	4.12	1.28	14.99	2.61	7.45	4.12	11.8	0.97		18914	8.93	6.71	8.93	20.61	27.32	0.08	23.91	0.28
16244	4.93	1.28	14.99	2.61	7.45	4.93	11.8	0.72		18915	11	6.71	11	25.36	27.32	0.58	29.83	0.43
16245	7.44	1.51	26.18	6.6	7.45	7.44	11.8	1.07		18916	5.93	7.21	3.59	5.93	27.32	4.7	16.72	0.43
16246	9.17	3.68	32.34	9.17	7.45	13.17	18.74	1.59		18917	7.88	16.54	4.35	3.76	48.04	7.88	9.56	5.05
16247	18.55	8.31	41.4	18.55	7.45	38.23	49.16	2.44		18918	5.36	16.54	4.77	3.21	43.79	5.36	8.6	5.05
16248	12.22	4.78	27.37	10.92	28.3	46.45	8.69	12.22		18919	5.32	16.54	5.32	2.73	41.04	5.09	7.67	4.45
16249	11.4	4.5	27.37	10.02	27.62	32.67	5.27	11.4		18920	7.9	9.61	7.1	2.73	41.91	8.01	7.9	5.05
16250	10.71	4.01	27.37	8.21	30.08	24.22	4.97	10.71		18921	9.36	14.46	9.36	5.78	46.53	15.14	7.78	5.05
16251	4.64	8.7	0.29	4.64	33.16	13.12	3.16	3.44		18922	7.06	14.32	3.88	6.54	49.61	38	7.06	5.05

Table 3

16252	4.81	10.29	0.4	4.81	36.64	11.13	2.64	3.44		18923	9.37	27.27	3.88	7.92	28.35	45.7	9.37	3.44
16253	7.86	10.88	0.52	7.86	43.18	13.38	3.22	3.44		18924	7.16	6.17	3.88	7.16	28.41	30.74	17.14	2.68
16254	7.01	11.95	0.83	7.01	38.91	15.17	3.56	3.44		18925	8.22	3.92	3.88	8.22	28.27	20.25	16.18	2.68
16255	9.64	16.93	1.29	9.64	38.91	18.38	8.82	5.05		18926	5.01	1.25	3.88	5.01	23.9	9.33	11.48	2.68
16256	13.82	17.35	2.14	13.82	38.91	23.67	11.06	7.64		18927	4.64	1.25	3.88	4.64	32.01	5.44	9.2	2.68
16257	18.27	20	3.51	15.01	38.91	36.68	18.27	8.01		18928	3.88	1.17	3.88	4.12	36.93	2.93	6.94	2.68
16258	17.14	3.93	24.57	9.17	35.05	17.14	57.31	13.28		18929	4.52	1.33	15.3	4.52	44.81	4.06	10.07	2.68
16259	17.61	3.93	27.07	13.3	31.62	17.61	56.18	13.28		18930	7.07	1.56	21.76	5.7	62.7	7.07	14.26	2.68
16260	10.08	7.76	32.94	10.08	1.29	10.58	11.26	0.55		18931	15.65	5.55	32.08	8.06	70.4	15.65	31.73	8.42
16261	9.69	7.21	36.71	13.14	1.12	9.69	11.26	0.55		18932	8.45	5.63	2.88	5.14	23.47	61.9	8.45	10.53
16262	7.21	7.21	10.63	5.12	0.93	7.36	11.26	0.55		18933	5.76	5.76	1.92	5.05	29.17	55.5	6.19	5.42
16263	7.21	7.21	13.57	5.12	0.9	7.29	9.82	1		18934	5.74	5.74	1.91	5.35	36.94	48.03	6.01	5.42
16264	7.21	7.21	18.18	5.12	1.52	9.08	11.26	0.99		18935	4.81	5.63	1.57	4.81	7.44	35.55	3.25	4.01
16265	7.21	7.21	25.57	3.75	2.75	11.45	11.26	2.62		18936	4.79	5.63	1.59	4.79	7.37	29.21	3.23	4.01
16266	7.54	7.54	12.62	3.75	4.76	14.91	11.29	2.64		18937	5.63	5.63	2.33	7.8	7.31	26.71	3.77	4.01
16267	14.93	11.58	14.93	10.66	30.3	21.71	22.99	6.05		18938	5.63	5.63	4.03	7.67	7.96	25.04	4.68	4.01
16268	11.94	8.34	16.61	11.07	11.94	32.44	22.99	6.26		18939	9.51	9.51	2.75	9.75	13.71	24.31	5.1	4.01
16269	17.24	10.72	21.61	7.44	17.24	31.82	24.36	10.51		18940	6.98	9.51	3.45	6.89	22.79	23.36	6.98	5.23
16270	17.03	14.04	25.57	7.44	17.03	27.76	24.39	10.65		18941	6.15	9.51	4.9	5.39	30.38	28.43	6.15	5.41
16271	17.31	17.31	24.32	4.96	16.25	25.28	22.05	10.32		18942	11.65	14.41	7.45	5.29	43.04	35.45	6.19	11.65
16272	19.7	19.7	25.54	4.06	15.96	26.13	28.76	11.39		18943	11.65	24.82	10.39	7.1	45.48	37.74	5.84	11.65
16273	17.95	11.33	19.47	2.54	17.95	29.31	28.76	10.01		18944	16.08	26.94	13.42	10.34	16.08	38.55	5.7	19.65
16274	17.95	16.26	20.88	2.42	17.95	38.46	28.76	16.1		18945	16.53	26.81	16.53	14.41	16.08	46.27	3.59	22.58
16275	17.95	16.42	27.19	2.48	17.95	51.75	28.76	17.18		18946	7.95	3.31	10.51	14.7	16.08	6.5	0.58	7.95
16276	17.95	14.33	36.46	2.52	17.95	58.12	28.76	16.16		18947	7.95	3.31	13.84	14.94	16.08	5.69	0.34	7.95
16277	7.65	0.75	35.1	7.35	6.9	24.41	7.65	7.7		18948	7.95	3.31	12.14	15.65	16.08	4.06	0.38	7.95
16278	7.51	0.55	35.68	7.51	5.17	14.02	6.5	8.45		18949	7.95	3.31	15.15	17.95	26.46	4.55	0.38	7.95
16279	4.57	0.52	4.35	9.98	4.57	11.29	4	12.48		18950	13.47	3.31	18.91	20.09	34.47	7.63	2.3	13.47

Table 3

16280	6.14	0.51	6.14	10.77	4.48	11.07	3.62	14.18		18951	18.95	3.31	30.21	32.47	41.94	18.95	3.92	13.47
16281	13.86	0.52	7.97	15.08	5.6	13.86	14.81	19.5		18952	13.47	3.95	37.05	28.21	5.51	37.66	2.8	13.47
16282	10.83	1.24	8.58	10.83	7.97	18.38	18.85	19.67		18953	17.18	12.33	46.83	7.51	41.49	52.17	7.26	17.18
16283	12.43	2.41	12.43	12.02	10.76	34.03	22.87	19.11		18954	17.18	13.62	47.01	7.16	36.9	47.76	6.88	17.18
16284	14.41	6.71	16.12	15.62	4.97	24	14.41	7.64		18955	17.18	13.28	51.13	5.54	40.63	49.52	8.59	17.18
16285	8.6	6.71	36.13	19.81	4.76	19.28	6.46	8.6		18956	19.06	12.33	9.71	15.25	63.28	75.97	47.82	19.06
16286	8.28	6.71	31.98	29.62	4.57	18.84	6.46	8.28		18957	12.71	12.33	1.29	12.71	43.15	67.3	55.93	9.72
16287	8.33	6.71	35.46	30.1	4.62	19.52	6.46	8.33		18958	16.57	8.21	3.01	26.75	16.57	18.01	57.95	6.55
16288	8.61	6.71	41.46	34.2	6.97	22.72	6.46	8.61		18959	13.91	8.21	3.27	26.61	15.61	13.91	57.95	6.71
16289	16.14	6.71	47.37	25.12	10.31	27.2	6.46	16.14		18960	10.76	8.21	3.27	25.78	13.53	10.76	57.95	6.42
16290	16.27	9.35	49.93	24.87	15.43	38.3	6.46	16.27		18961	11.52	8.21	3.27	25.65	15.73	11.52	57.95	6.44
16291	12.02	8.18	9.51	19.25	4.84	53.1	23.71	12.02		18962	16.27	8.21	3.27	27.23	19.2	16.27	57.34	8.09
16292	18.97	7.33	11	18.97	44.59	42.97	24.88	11.11		18963	19.19	8.21	19.9	19.19	12.45	30.58	61.02	16.99
16293	12.78	6.49	8.32	12.78	40.93	30.44	15.98	10.13		18964	12.45	5.93	17.42	7.14	12.45	69.73	29.24	9.34
16294	13.44	6.09	8.12	13.27	36.06	25.69	13.44	13.92		18965	17.42	20.04	17.42	7.26	12.45	84.64	22.16	12.46
16295	11.82	5.29	10.63	11.82	42.16	27.18	11.83	11.73		18966	12.45	14.71	17.42	7.14	12.45	77.45	11.65	11.38
16296	14.12	8.86	13.6	14.12	49.31	33.56	11.12	14.92		18967	12.45	14.09	17.42	7.82	12.45	70.52	9.57	11.28
16297	17	11.17	17.95	14.82	53.67	49.59	11.31	17		18968	12.45	14.3	17.42	3.31	12.45	66.45	8.16	8.88
16298	18.82	18.82	21.91	15.1	49.09	68.02	7.11	12.5		18969	14.58	23.39	17.42	4.64	7.22	57.37	8.16	14.58
16299	18.55	17.32	21.71	18.55	40.85	63.39	8.68	15.21		18970	7.1	5.63	17.42	4.77	7.22	30.3	7.1	2.68
16300	18.09	15.89	30.03	18.09	27.51	58.01	8.28	13.85		18971	12.33	12.33	34.15	5.86	7.22	23.45	6.78	12.84
16301	19.44	15.89	36.44	19.44	27.51	53.22	6.75	14.62		18972	8.98	8.98	34.15	6.34	7.22	21.49	3.5	12.84
16302	18.43	15.89	64.91	16.23	27.51	57.12	4.91	18.43		18973	12.84	8.98	34.15	13.61	7.22	21.81	2.99	12.84
16303	17.02	13.8	76.02	17.02	50.89	51.92	4.72	16.53		18974	12.84	8.98	34.15	15.69	7.22	22.22	2.67	12.84
16304	19.48	15.89	24.25	28.47	16.9	19.48	55.11	3.58		18975	12.84	8.98	33.84	32.48	7.22	24.35	5.64	12.84
16305	16.54	13.72	27.7	21.29	16.54	15.18	44.07	3.5		18976	18.81	18.81	11.17	41.64	27.72	18.81	45.85	13.66
16306	17.15	13.72	29.62	21.29	17.15	13.09	40.93	3.53		18977	18.81	18.81	14.21	47.81	28.49	16.46	45.85	13.94
16307	18.81	13.72	20.98	18.81	35.22	10.5	37.16	3.49		18978	18.81	18.81	15.73	40.63	29.44	18.78	37.06	13.77

Table 3

16308	18.09	16.37	23.54	18.09	35.57	5.02	37.16	0.42		18979	19.08	6.66	24.58	9.17	46.26	42.99	15.24	19.08
16309	18.55	11.88	30.34	18.55	56.05	4.76	37.16	0.23		18980	19.08	6.66	21.87	9.17	43.37	29.13	11.47	19.08
16310	17.5	8.35	24.65	17.5	30.32	5	37.16	0.28		18981	19.08	10.89	30.87	9.17	47.22	28.87	10.44	19.08
16311	18.55	6.01	26.79	18.55	30.32	8.85	37.16	0.7		18982	7.1	10.89	5.59	6.78	54.73	22.41	7.1	1.54
16312	19.99	4.39	30.21	19.99	30.32	23.83	12.05	0.99		18983	7.96	10.89	6.38	7.92	60.72	18.03	7.96	1.54
16313	17.69	13.72	26.26	17.69	15.54	33.87	35.1	15.68		18984	13.57	10.89	7.02	13.93	68.83	13.57	13.62	1.54
16314	15.85	13.72	37.04	15.23	15.65	27.52	36.92	15.85		18985	12.86	12.86	8.85	12.15	75.22	14.45	15.09	1.54
16315	16.43	13.72	38.25	16.43	16.01	27.14	22.97	13.74		18986	14.98	6.47	11.21	14.98	75.22	16.56	17.62	1.54
16316	17.86	13.72	38.25	17.9	16.48	27.07	11.57	17.86		18987	15.82	8.57	15.82	14.98	75.22	28.33	21.12	1.54
16317	19.3	13.72	38.25	10.98	22.3	28.29	4.53	19.3		18988	14.38	14.38	27.86	4.75	53.67	17.35	8.04	7.95
16318	14.95	13.72	30.81	1.12	33.05	18.37	3.2	14.95		18989	12.81	16.01	20.88	6.2	12.81	15.22	3.31	7.95
16319	9.97	8.34	26.78	0.68	35.15	14.45	3.36	9.97		18990	12.81	16.54	20.88	6.29	12.81	14.95	2.81	7.95
16320	8.34	8.34	29.25	0.51	35.15	10.03	2.59	7.46		18991	7.95	2.97	12.17	5.01	12.81	14.92	5.11	7.95
16321	5.07	8.34	5.07	0.51	10.03	4.98	1.99	7.46		18992	12.17	0.98	12.17	4.62	12.81	13.1	3.17	17.02
16322	6.41	8.34	6.41	0.51	10.36	4.64	3.98	7.46		18993	6.2	0.98	12.17	6.2	12.81	8.38	1.57	6.18
16323	7.46	8.34	7.81	0.74	9.13	6.25	6.04	7.46		18994	6.12	0.98	12.17	4.91	12.81	6.12	1.07	6.18
16324	9.21	8.34	9.99	7.21	9.21	10.23	17.99	7.46		18995	5.41	0.98	12.17	4.02	12.81	5.41	1.32	5.42
16325	15.72	8.34	14.73	19.17	15.72	28.7	38.85	7.46		18996	3.57	0.98	3.57	2.73	25.68	3.92	2.62	5.42
16326	17.27	3.5	43.52	9.37	54.73	45.85	8.18	17.27		18997	2.76	0.98	2.99	2.01	18.52	2.76	1.83	5.42
16327	13.06	3.62	53.83	9.02	13.06	45.84	7.67	14.88		18998	2.88	0.98	4.47	2.4	17.88	2.88	1.35	5.42
16328	13.06	3.63	41.4	8.69	13.06	44.48	3.63	14.19		18999	3.52	3.01	6.54	2.64	22.24	3.52	2.17	5.42
16329	10.73	3.54	30.69	10.73	13.06	37.67	3.87	3.19		19000	5.34	4.7	10.21	3.66	24.26	5.34	2.21	5.42
16330	10.34	2.37	30.69	10.34	13.06	30.09	3.76	3.19		19001	5.42	4.7	14.01	5.01	28.73	9.08	1.98	5.42
16331	5.01	3.28	0.74	5.01	13.06	13.62	7.67	3.19		19002	5.78	4.7	14.01	5.78	33.1	13.94	2.84	0.91
16332	4.88	1.67	0.63	4.88	13.06	6.67	7.67	3.19		19003	9.48	5.69	29.72	9.1	34.29	19.7	9.48	0.95
16333	5.82	1.67	0.81	5.82	13.06	6.17	7.67	3.19		19004	12.67	6.33	9.24	12.67	45.91	27.04	52.31	1.08
16334	6.83	1.67	1.02	5.86	33.49	6.83	16.05	13.66		19005	16.73	6.19	9.07	16.73	51.13	20.15	49.06	3.46
16335	12.68	1.93	1.41	7.8	33.49	12.68	29.63	13.66		19006	13.33	5.93	6.84	14.46	30.87	13.33	54.81	1.11

Table 3

16336	17.98	2.33	1.9	17.98	33.49	26.69	29.63	13.66		19007	11.16	11.16	9.32	16.89	33.32	9.33	65.26	4.34
16337	17.32	15.72	2.07	17.32	33.49	26.03	29.63	10.67		19008	14.6	14.6	10.67	17.66	30.27	6.35	62.26	4.34
16338	10.25	10.25	1.14	14.4	16.26	3.48	27.06	5.42		19009	17.49	27.36	15.91	17.49	32.78	8	39.78	4.34
16339	10.25	10.25	1.38	14.3	14.53	0.86	23.44	5.42		19010	19.95	12.97	27.84	19.95	0.36	29.3	30.1	15.91
16340	10.25	10.25	1.17	14.23	12	0.27	20.19	5.42		19011	19.04	12.97	27.84	19.04	0.36	26.41	30.1	14.85
16341	10.01	10.25	1.24	17.88	10.01	0.15	33.27	5.28		19012	17.08	12.97	27.84	17.08	0.35	22.41	25.82	13.23
16342	10.25	10.25	2.07	20.67	17.62	0.52	50.92	5.42		19013	13.55	12.97	24.09	13.55	0.35	14.95	27.17	12.96
16343	10.25	10.25	2.63	35.03	28.51	1.43	56.34	5.42		19014	10.55	10.72	11.48	9.76	2.17	10.55	20.82	8.42
16344	15.32	10.22	67.75	18.64	15.32	17.8	4.05	12.23		19015	8.03	10.65	13.83	7.45	0.03	8.03	18.16	6.18
16345	10.22	10.22	53.65	21.8	15.32	8.66	3.47	9.72		19016	9.85	16.89	13.66	9.85	5.84	7.34	17.41	6.18
16346	10.22	10.22	53.65	20.67	15.32	5.29	3.61	7.04		19017	9.08	17.13	20.05	9.08	5.72	6.57	14.62	5.79
16347	15.32	10.22	37.22	18.64	15.32	4.82	15.83	7.36		19018	11.6	31.38	25.55	11.6	5.64	8.12	19.36	5.79
16348	11.5	4.6	37.22	11.5	15.32	5.6	18.94	11.11		19019	14.35	33.88	30.03	14.35	8.86	11.82	25.55	5.79
16349	12.23	6.32	37.22	12.02	15.32	7.45	17.23	12.23		19020	19.45	3.67	19.45	21.82	13.12	21.91	26.76	5.79
16350	8.51	8.51	37.22	8.83	15.32	7.18	7.06	2.44		19021	18.07	30.3	2.6	45.49	18.07	18.01	70.94	8.92
16351	3.83	12.48	24.98	2.35	55.78	3.83	2.63	2.44		19022	17.55	23.71	17.55	9.68	56.9	44.42	2.34	12.72
16352	2.82	26.72	26.01	2.35	59.51	2.82	2.43	2.44		19023	8.87	5.24	17.45	5.86	46.03	31.04	1.4	8.87
16353	2.24	4.01	1.81	1	39.73	0.65	2.28	2.24		19024	9.67	5.24	23.85	5.82	45.65	27.79	1.02	9.67
16354	2.03	4.01	1.81	0.95	40.16	0.52	2.03	2.24		19025	10.31	5.24	29.71	5.91	47.47	26.07	0.65	10.31
16355	1.86	5.13	1.81	0.58	38.62	0.54	1.86	2.24		19026	12.43	5.24	36.66	7.34	50.57	29.48	0.62	12.43
16356	1.81	5.13	1.81	0.48	36.68	0.81	1.28	2.24		19027	13.31	5.24	45.27	10.63	57.8	38	0.68	13.31
16357	1.88	5.17	1.81	0.55	51.91	1.88	1.38	2.24		19028	19.19	29.8	10.72	17.27	19.19	33.51	1.38	24.54
16358	5.33	5.17	1.81	1	59.65	5.74	5.33	5.95		19029	18.27	18.27	13.25	16.6	19.19	24.7	0.8	20.74
16359	4.66	2.46	1.81	1.69	17.48	18.17	4.66	6.33		19030	12.17	12.17	14.05	9.74	19.19	22.39	0.51	12.01
16360	14.88	2.46	37.82	27.76	14.88	20.16	1.14	8.12		19031	11.58	11.58	11.6	8.73	19.19	19.47	0.34	10.81
16361	14.24	2.46	63.67	27.39	14.24	18.25	0.98	8.13		19032	8.41	4.6	7.65	8.41	19.19	21.44	0.28	9.24
16362	10.52	2.46	15.61	10.52	16.83	17.59	0.98	6.51		19033	2.91	3.37	1.2	1.31	19.19	18.38	0.2	2.91
16363	8.92	4.72	14.27	8.92	20.45	20.26	1.16	5.81		19034	2.89	3.38	1.8	1.37	19.19	18.9	0.2	2.89

Table 3

16364	8.56	4.76	16.57	8.56	25.01	26.58	1.11	6.06		19035	3.07	4.37	2.81	1.45	52.26	18.81	1.67	3.07
16365	15.91	15.91	21.36	9.75	30.77	32.92	1.82	10.1		19036	4.05	4.37	4.05	1.37	25.62	20.98	2.69	2.93
16366	11.65	11.65	26.79	10.85	30.77	38.23	2.74	10.08		19037	5.82	8.29	5.82	1.29	25.62	26.32	3.82	3.1
16367	13.16	12.33	22.25	12.18	30.77	43.52	3.33	13.16		19038	8.29	8.29	7.58	3.38	25.62	38.22	8.99	6.94
16368	18.74	16.02	23.79	12.18	30.77	46.18	7.54	18.74		19039	9.32	4.37	9.32	3.04	25.62	58.55	9.94	7.33
16369	19.77	13.43	34.23	15.75	30.77	56.3	9.54	19.77		19040	9.94	4.37	2.63	7.47	25.62	56.15	9.94	15.91
16370	20	20	41.4	18.55	0.18	60.93	51.2	14.67		19041	9.94	4.37	3.45	7.47	25.62	40.61	9.94	15.91
16371	10.88	1.42	12.76	10.88	0.13	32.64	8.07	14.67		19042	9.94	4.37	5.91	7.47	25.62	36.93	9.94	15.91
16372	7.29	1.42	10.15	8.57	0.36	16.56	7.29	3.79		19043	10.81	4.37	9.18	9.3	35.79	36.51	10.81	15.98
16373	7.11	1.42	11.84	8.73	0.36	12.75	7.11	3.78		19044	14	4.37	12.83	14	35.79	41.08	13.72	19.77
16374	8.06	1.42	12.76	10.6	8.01	10.98	8.06	3.84		19045	18.31	4.91	13.91	12.23	35.79	50.81	18.31	35.1
16375	8.01	1.42	12.76	10.92	8.01	13.52	7.65	3.84		19046	19.26	10.25	37.22	19.26	17.08	21.81	36.43	7.34
16376	11.01	3.89	12.76	12.96	11.01	21.45	9.62	4		19047	17.08	10.25	37.22	19.26	17.08	15.3	32.96	7.64
16377	11.01	3.97	12.76	20.12	11.01	29.76	8.48	4.49		19048	17.08	10.25	23.81	18.41	17.08	12.13	32.94	5.65
16378	19.24	19.24	27.37	17.26	40.61	33.99	15.76	4.72		19049	17.08	10.25	23.81	17.39	17.08	13.09	48.61	5.8
16379	16.44	14.48	29.72	16.44	40.61	32.53	15.76	6.18		19050	19.26	10.25	23.81	19.26	17.08	19.48	45.24	9.22
16380	15.76	13.92	29.72	13.23	40.61	30.09	15.76	6.18		19051	17.08	10.47	16.35	19.26	17.08	28.02	40.63	8.96
16381	15.59	12.55	29.72	11.37	40.61	29.97	15.59	7.18		19052	16.35	20.56	16.35	9.64	17.08	14.14	47.06	2.24
16382	14.88	12.86	23.93	11.4	40.61	27.7	14.88	10.12		19053	16.35	20.56	16.35	10.06	63.55	9.25	29.14	2.24
16383	15.76	10.75	28.65	14.24	40.61	30.53	15.76	11.89		19054	16.35	20.56	16.35	9.62	39.36	5.12	16.83	2.24
16384	13.22	10.9	4.92	13.22	9	26.76	15.76	14.25		19055	9.08	20.56	16.35	9.08	36.26	3.93	6.52	2.24
16385	15.98	12.78	5.22	23.95	8.84	24.81	19.5	15.98		19056	4.34	12.86	16.35	4.34	35.17	3.53	3.56	2.24
16386	16.23	9.23	4.07	26.54	8.2	20.23	19.5	16.23		19057	5.48	12.86	16.35	5.39	35.68	5.48	2.77	2.24
16387	19.5	11	4.83	30.88	8.53	24.17	19.5	25.57		19058	8.01	4.52	29.24	8.01	42.17	17.1	2.41	2.24
16388	12.33	12.33	51.8	20.54	12.3	26.19	9.51	6.18		19059	15.62	4.5	28.1	5.61	46.78	32.78	0.81	15.62
16389	12.3	12.33	15.77	18.83	10.25	12.3	5.47	6.18		19060	16.27	4.46	29.24	5.61	49.17	35.72	0.83	16.27
16390	8.63	12.33	14.34	8.63	9.75	6.73	1.91	4.34		19061	16.43	4.01	54.21	16.43	42.58	23.1	7.79	5.42
16391	8.26	12.04	14.34	8.26	8.78	3.96	1.59	4.34		19062	16.43	4.01	57.36	16.43	44.19	24.86	7.29	5.42

Table 3

16392	8.21	9.2	14.34	8.21	12.24	3.35	2.31	4.34		19063	19.97	19.97	42.71	16.43	44.19	25.39	8.39	5.42
16393	4.09	4.47	8.5	1.26	12.25	4.09	2.12	2.97		19064	17.8	3.11	14.43	18.71	75.22	33.88	15.16	17.8
16394	7.35	7.66	9.71	1.26	14.07	7.35	2.15	2.94		19065	17.8	2.02	19.42	17.49	60.17	18.32	7.75	17.8
16395	9.71	12.95	9.71	1.26	25.22	14.72	3.08	5.02		19066	16.92	1.37	21.54	16.92	53.21	11.74	4.36	17.8
16396	9.71	15.99	9.71	1.26	26.54	33.26	3.08	4.63		19067	17.8	1.42	28.6	18.17	49.64	11.58	1.99	17.8
16397	9.71	19.19	9.71	1.26	33.38	41.61	4.5	3.32		19068	17.8	2.92	35.2	19.06	46.54	14.19	1.86	17.8
16398	9.71	21.49	9.71	2.28	43.35	36.58	6.58	4.51		19069	18.42	3.62	38.02	28.9	32.18	18.42	1.58	17.8
16399	9.71	21.33	9.71	2.33	49.35	39.96	6.8	4.54		19070	15.88	3.62	53	15.88	32.18	18.8	1.9	8.92
16400	15.17	13.1	26.8	8.03	61.52	39.76	15.17	5.12		19071	15.38	4.29	44.75	15.38	32.18	20.57	1.91	8.92
16401	7.72	8.96	5.08	12.21	9.99	7.72	6.38	1.44		19072	11.63	4.29	34.86	13.21	32.18	11.63	2.14	8.92
16402	8.07	8.07	6.26	15.23	9.99	8.83	6.01	1.98		19073	10.3	4.29	42.35	13.59	32.18	10.3	2.5	8.92
16403	8.18	6.42	8.18	15.31	9.99	14.44	4.66	2.44		19074	10.77	4.29	45.62	13.3	32.18	10.77	4.26	8.92
16404	11.84	5.74	11.84	16.61	11.9	30.55	4.05	9.5		19075	11.8	4.29	46.87	22.86	32.18	11.8	4.81	8.92
16405	11.19	9.83	16.5	16.32	11.19	38.58	4.01	10.48		19076	13.64	29.33	31.39	13.64	47.09	12.06	9.26	11.76
16406	8.42	3.5	27.79	33.72	0.03	6.13	13.93	8.42		19077	12.23	28.88	11.62	13.69	45.77	7.49	8.42	12.23
16407	11.26	1.56	11.26	31.15	0.02	2.09	23.14	18.44		19078	14.77	28.17	13.12	15.69	42.6	6.12	7.81	14.77
16408	13.73	1.02	13.73	32.59	0.02	1.48	20.24	18.44		19079	12.17	27.7	8.6	12.17	45.24	6.79	6.88	12.23
16409	17.33	0.84	17.33	32.59	0.03	1.5	19.74	18.44		19080	13.72	17.01	13.72	9.87	46.33	11.03	9.1	15.48
16410	2.19	1.7	7.82	11.6	0.09	2.19	0.93	9.44		19081	16.96	16.96	16.7	13.16	46.63	25.1	19.91	16.01
16411	4.19	3.58	8.78	7.65	0.24	4.19	0.88	9.44		19082	18.38	17.41	16.7	12.04	61.72	48.87	25.61	18.38
16412	7.47	6.07	8.8	7.47	0.57	12.44	0.87	9.44		19083	19.33	17.66	16.7	12.21	59.19	62.18	40.98	19.33
16413	5.66	1.28	7.82	5.66	7.91	11.97	0.49	2.05		19084	17.53	12.14	10.84	17.59	26.18	47.86	17.53	14.98
16414	2.81	0.86	2.81	3.74	7.91	6.01	0.49	2.05		19085	17.23	12.14	14.95	17.72	25.85	45.08	17.23	14.93
16415	4.25	0.94	4.48	4.25	7.91	5.03	0.91	2.05		19086	15.07	12.14	15.07	16.6	24.59	42.32	10.03	13.91
16416	4.51	0.93	6.26	4.51	7.91	4.64	1.01	2.05		19087	16.13	13.18	17.29	16.13	27.89	42.59	8.35	13.86
16417	6.32	0.98	9.16	5.2	12.37	6.32	13.99	2.05		19088	19.62	19.88	19.62	14.21	35.51	47.48	6.89	16.44
16418	10.44	1.99	12.4	1.52	15.34	10.44	22.2	2.05		19089	12.2	12.2	40.35	12.43	3.84	38.08	7.13	6.18
16419	14.8	4.05	14.8	1.55	19.6	22.41	30.49	5.02		19090	9.19	24.36	9.19	2.54	3.53	30.09	13.7	6.18

Table 3

16420	19.85	9.28	19.85	1.71	34.43	25.94	30.49	7.03		19091	6.75	14.73	6.75	0.27	3.36	22.54	10.76	6.18
16421	8.07	8.07	32.86	1.64	19.03	7.72	48.15	1.4		19092	9.39	13.84	9.39	0.28	3.57	22.43	9.9	6.18
16422	15.89	15.89	37.47	1.77	17.86	4.1	52.76	1.4		19093	6.18	6.18	11.77	0.28	5.17	22.44	15.89	6.18
16423	15.89	15.89	43.01	5.62	19.49	4.15	56.16	1.4		19094	7.92	6.18	12.76	0.3	7.92	25.04	26.01	6.18
16424	15.89	15.89	45.94	7.32	17.82	3.52	49.78	1.4		19095	12.33	6.18	12.76	0.81	12.33	38.02	22.31	6.18
16425	8.01	41.1	8.01	2.88	51.49	28.57	5.97	1.59		19096	18.84	18.84	3.66	1.57	52.71	36.72	19.52	8.81
16426	7.38	14.64	7.38	2.88	21.15	19.18	5.01	1.55		19097	12.15	6.18	12.15	6.27	52.71	21.77	30.94	2.92
16427	7.76	6.18	10.09	2.88	17.92	17.72	7.76	1.58		19098	5.98	4.77	6.81	5.68	52.71	5.98	53.95	2.92
16428	2.88	6.18	10.4	2.88	0.39	19.25	2.52	1.6		19099	4.77	4.77	3.68	5.93	52.71	2.07	52.09	2.92
16429	2.88	6.18	13.04	2.88	0.39	23.48	2.5	1.69		19100	4.77	4.77	3.85	14.27	61.15	2.36	56.89	2.92
16430	5.72	6.18	13.07	4.99	0.38	25.94	5.72	4.5		19101	4.77	4.77	3.84	14.55	75.22	2.43	51.9	2.92
16431	6.18	6.18	13.07	5.86	1.45	33.74	6.4	4.49		19102	4.77	4.77	3.8	15.74	23.01	3.71	66.14	2.92
16432	13.93	6.18	18.15	20.47	2.39	37.44	13.88	13.93		19103	11.4	4.77	5.47	15.74	23.01	11.4	47.67	2.92
16433	14.7	6.18	24.3	16.25	0.09	33.9	14.27	14.7		19104	16.43	4.77	2.55	16.43	23.01	26.92	18.88	4.69
16434	15.91	7.21	23.36	15.91	0.09	33.64	19.78	14.52		19105	8.71	0.11	3.63	8.01	23.86	23.78	8.71	13.4
16435	17.35	7.21	42.5	17.35	16.19	34.29	20.5	14.93		19106	9.68	0.07	16.7	8.01	16.82	9.68	5.99	11.66
16436	17.18	7.21	67.39	19.89	10.85	48.17	5.84	17.18		19107	5.67	0.07	5.67	8.01	15.16	5.22	3.68	11.66
16437	17.18	7.21	63.22	24.34	10.85	33.03	6.37	17.18		19108	4.01	0.07	4.01	8.01	14.23	3.98	2.74	11.66
16438	17.18	7.21	45.54	25.69	10.85	24.93	5.15	17.18		19109	4.17	0.07	4.17	8.01	14.38	4.01	3.67	11.66
16439	17.18	7.21	49.2	29.61	10.85	25.06	4.99	17.18		19110	5.92	0.16	5.67	5.61	22.93	5.92	7.26	9.44
16440	18.61	7.21	53.09	38.99	10.85	29.9	16.95	18.61		19111	8.34	0.41	5.67	6.18	31.72	13.45	8.34	9.44
16441	15.89	2.95	27.12	15.89	47.17	65.46	2.45	14.03		19112	6.62	1.04	5.67	6.62	45.21	30.38	4.44	9.62
16442	9.9	2.95	26.01	7.57	33.11	61.18	3.87	9.9		19113	11.6	2.05	5.67	11.6	46.04	47.43	4.4	21.15
16443	9.44	2.95	26.01	5.84	33.11	64.88	4.34	9.44		19114	12.42	2.14	12.42	9.34	44.01	57.3	6.3	15.02
16444	9.43	2.95	26.01	5.7	33.11	66.34	7.12	9.43		19115	15.6	5.47	25.76	12.3	43.6	63.64	8.97	15.6
16445	13.65	7.59	26.01	4.69	33.11	33.3	13.65	6.6		19116	13.69	0.22	29.73	12.46	31.11	56	9.87	13.69
16446	11.7	7.34	26.01	4.12	33.11	21.44	11.7	6.6		19117	13.78	1.28	30.21	13.01	30	54.7	9.42	13.78
16447	6.11	3.99	6.11	2.58	11.43	8.04	11.23	1.69		19118	16.39	1.18	37.73	16.39	29.77	54.49	10.18	15.74

Table 3

16448	4.22	3.99	5.07	2.74	9.9	4.22	12.11	1.69		19119	15.72	15.72	36.91	15.04	27.55	55.98	15.63	5.79
16449	4.51	3.99	8.44	3.51	10.9	4.51	9.35	1.69		19120	15.72	15.72	52.33	15.04	27.55	57.25	14.26	5.79
16450	5.23	3.99	11.77	4.44	11.44	5.23	13.41	1.69		19121	9.62	8.91	4.94	12.73	27.55	53.76	9.62	2.88
16451	8.22	3.99	16.6	7.02	15.05	8.22	14.69	1.69		19122	8.76	7.12	6.03	12.45	27.55	33.59	8.76	2.44
16452	13.76	3.99	17.78	7.02	15.05	13.76	27.42	2.55		19123	11.77	7.12	8.2	11.85	27.55	12.76	11.77	0.78
16453	11.75	4.47	11.75	8.28	15.05	28.58	28.04	5.72		19124	7.12	7.12	6.5	17.06	27.55	5.45	12.15	0.78
16454	12.92	11.53	12.92	8.61	15.05	42.65	27.38	8.9		19125	8.75	7.12	8.75	17.15	27.55	3.93	12.46	0.63
16455	11.53	11.53	10.37	9.01	40.62	31.86	24.87	10.32		19126	11.85	7.12	11.85	21.99	28.82	4.59	14.6	0.69
16456	14.17	11.53	14.17	8.83	39.94	23.2	27.75	9.4		19127	13.85	7.12	15.2	24.34	27.44	5.07	13.85	0.78
16457	14.66	11.53	14.66	9.11	36.07	17.83	48.63	9.28		19128	18.25	13.72	31.67	15.74	67.31	18.25	20.08	6.43
16458	14.66	11.53	14.66	10.41	34.84	16.28	38.41	4.87		19129	15.74	9.11	23.3	15.74	67.31	12.73	18.19	9.03
16459	14.66	11.53	14.66	7.45	50.57	19.7	42.61	4.81		19130	15.74	9.55	24.24	15.74	67.31	14.56	17.44	12.39
16460	14.66	11.53	14.66	9.11	61.4	25.42	20.46	6.31		19131	19.99	10.46	24.24	19.99	67.31	19.12	24.4	18.44
16461	13.05	13.05	4.14	12.95	62.01	39.93	13.72	12.23		19132	18.15	1.82	20.48	10.38	74.77	18.15	24.54	6.38
16462	12.95	12.34	4.14	12.95	62.01	31.4	13.05	12.86		19133	19.55	1.96	20.48	15.02	74.8	19.55	21.86	6.15
16463	11.34	11.34	4.14	6.86	60.95	15.76	11.64	8.38		19134	18.89	2.01	20.48	15.06	72.66	18.89	24.75	6.07
16464	5	2.2	4.14	3.35	7.81	8.65	11.44	5		19135	19.14	2	20.48	16.84	74.2	19.14	38.91	5.97
16465	4.14	2.2	4.14	2.34	7.01	6.04	14	0.78		19136	18.52	12.75	28.22	32.94	10.36	73.27	10.21	18.52
16466	4.14	2.2	4.14	2.16	5.79	7.23	15.36	0.78		19137	18.87	9.54	34.41	33.8	9.35	72.22	7.2	18.87
16467	4.14	2.2	4.14	3.35	5.03	8.03	13.72	0.78		19138	18.97	9.61	41.6	35.95	8.99	69.43	5.94	18.97
16468	6.66	2.2	20.4	6.41	6.66	9.92	20.69	0.78		19139	15.61	20.67	12.14	4.06	43.74	54.43	15.61	8.92
16469	8.86	2.2	22.11	7.47	8.86	15.14	22.32	0.78		19140	10.27	17.61	10.27	2.35	33.83	34.53	10.25	8.92
16470	8.13	3.11	26.91	8.13	3.82	21.22	23.18	1.45		19141	13.39	15.77	13.39	2.13	34.17	27.42	9.03	8.92
16471	15	5.59	39.53	15	5.85	21.51	33.85	1.55		19142	8.92	1.77	18.41	2.01	17.03	21.26	8.82	8.92
16472	19.17	8.59	34.93	19.17	6.04	21.09	26.25	7.7		19143	8.92	1.77	22.75	1.69	14.32	17.28	8.44	8.92
16473	18.81	8.62	40.51	22.22	6.53	18.81	25.61	7.34		19144	9.36	1.4	30.61	3.56	13.79	18.51	9.36	8.92
16474	14.19	13.72	13.18	16.43	50.26	14.71	14.19	0.01		19145	9.59	1.51	37.84	3.98	14.51	22.92	9.59	8.92
16475	11.98	13.72	11.49	16.43	30.45	7.47	11.98	0.01		19146	11.97	1.77	11.97	8.01	12.52	18.42	13.72	2.68

Table 3

16476	13.72	13.72	13.5	17.04	30.45	6.37	15.36	0.01		19147	13	1.77	13	8.01	13.56	14.5	37.07	2.68
16477	5.23	2.71	14.57	2.88	30.45	5.23	15.36	0.01		19148	11.11	1.77	15.53	8.01	14.13	11.11	36.84	2.68
16478	6.05	2.71	17.21	2.88	30.45	6.05	7.15	0.01		19149	11.55	3.31	19.11	10.79	13.84	11.55	34.52	3.24
16479	7.39	2.71	13.38	2.88	30.45	8.74	7.39	0.01		19150	12.3	3.31	17.91	12.3	23.54	10.85	30.14	3.33
16480	4.09	2.71	11.42	1.95	30.45	9.7	4.09	0.01		19151	19.23	3.31	21.57	19.23	35.73	14.15	25.92	9.12
16481	2.95	2.71	8.53	1.55	30.45	2.95	4.09	0.43		19152	17.02	40.4	17.02	15.17	41.63	17.34	8.76	13.25
16482	3.75	3.75	6.69	1.71	55.27	1.03	4.09	0.43		19153	15.26	19.57	8.63	6.64	41.63	18.39	6.76	15.26
16483	1.64	2.71	1.31	1.64	30.52	0.5	4.09	0.43		19154	11.66	11.66	7.55	9.08	41.63	18.85	4.13	21.87
16484	2.18	2.93	1.36	2.18	27.76	0.36	4.09	0.43		19155	8.42	8.42	5.96	5.88	38.55	14.08	2.67	15.26
16485	2.68	2.93	2.07	2.68	28.34	0.5	10.88	0.43		19156	8.16	8.16	5.81	6.08	35.89	10.19	2.27	19.74
16486	2.93	2.93	2.75	7.41	29.43	0.88	11.38	0.43		19157	8.18	8.18	6.62	6.41	35.74	10.54	1.88	19.74
16487	3.73	2.93	3.73	7.41	41.09	2.37	11.57	0.43		19158	10.95	10.02	9.53	10.95	35.94	11.19	1.62	19.74
16488	11.57	13.43	9.97	17.19	22.8	4.28	11.57	8.92		19159	11.88	11.88	11.77	10.85	43.71	16.17	2.67	19.74
16489	12.04	19.36	12.04	18.41	22.8	9.16	11.57	8.92		19160	7.77	7.3	40.01	15.04	5.06	53.9	7.77	6.82
16490	8.34	8.34	2.51	5.54	22.8	8.36	11.57	6.18		19161	10.62	3.41	21.54	10.62	5.06	59.04	13.97	4.53
16491	7.7	7.72	2.67	5.14	22.8	7.7	11.57	6.18		19162	7.03	2.83	13.7	7.03	5.06	49.61	15.92	2
16492	7.72	7.72	1.78	5.39	22.8	8.41	9.54	6.18		19163	6.58	2.67	14.74	6.58	5.06	44.24	13.48	1.89
16493	6.87	7.72	2.24	5.09	22.8	11.77	6.87	6.18		19164	6.72	2.68	20.86	6.72	5.06	45.91	14.56	1.9
16494	7.44	7.44	3.29	5.34	20.97	16.72	7.43	8.67		19165	8.67	3.67	26.46	8.67	5.06	51.2	41.71	2.41
16495	13.43	7.72	4.74	13.43	22.76	18.56	11.92	14.45		19166	11.28	6.07	26.46	11.28	5.06	59.19	41.71	2.53
16496	14.76	7.72	6.68	14.76	23.08	25.71	16.25	12.09		19167	10.41	16.48	1.85	2.37	10.41	21.77	40.37	0.38
16497	12.71	4.61	17.69	12	30.08	43.75	8.14	12.71		19168	5.29	15.15	2.44	2.37	5.29	13.28	33.82	0.38
16498	13.11	10.94	38.61	11.32	32.81	45.8	5.44	13.11		19169	4.54	12.33	2.05	2.37	4.54	6.21	25.08	0.38
16499	9.52	9.52	9.2	5.37	29.28	22.63	3.39	10.06		19170	4.64	12.33	3.41	2.37	4.64	5	21.21	0.38
16500	1.79	8.79	0.83	1.21	32.81	2.99	1.79	1.69		19171	4.7	11.75	4.17	2.37	4.7	5.86	17.56	0.38
16501	1.54	6.14	1.08	1.23	38.03	1.54	1.22	1.69		19172	6.87	9.38	5.38	3.78	6.87	8.22	15.44	1.41
16502	1.64	8.93	1.64	1.37	40.84	1.08	1.38	1.69		19173	3.93	3.93	6.4	3.91	0.01	17.19	14.86	1.45
16503	2.63	8.37	2.63	1.39	46.81	0.86	3.42	1.69		19174	12.56	2.06	24.51	3.91	40.33	25.29	12.56	4.63

Table 3

16504	6.54	10.19	4.16	6.54	54.56	1.74	13.81	1.69		19175	11.68	2.21	29.78	4.06	40.33	29.32	11.68	4.78
16505	6.96	11.37	6.71	6.96	60.36	4.92	15.18	1.69		19176	10.45	2.21	42.98	4.12	40.33	29.9	10.45	4.76
16506	15.12	15.12	12.91	9.74	66.18	27.52	21.21	1.69		19177	10.4	2.22	42.98	4.19	40.33	32.3	10.4	4.81
16507	17.18	2.09	20.62	15.33	6.08	31.66	46.39	17.18		19178	14.46	4.08	52.36	12.15	40.33	38.53	14.46	12.49
16508	13.88	5.41	32.36	13.88	6.94	17.14	41.8	8.92		19179	13.78	4.37	7.82	13.78	63.83	30.52	50.09	10.53
16509	12.3	7.21	35.97	11.98	24.52	12.3	17.68	8.92		19180	10.02	4.37	7.82	10.02	37.4	13.09	40.11	5.05
16510	14.15	8.98	43.67	14.15	47.74	11.62	17.35	8.92		19181	9.07	4.37	7.82	9.07	35.34	10.33	35.19	5.05
16511	14.54	8.98	50.11	21.02	44.25	13.72	14.54	8.92		19182	7.8	4.37	7.82	7.8	34.44	7.41	28.24	5.05
16512	15.67	8.98	51.91	23.1	50.29	15.67	11.24	8.92		19183	7.82	4.37	7.82	8.92	31.88	6.78	28.31	5.05
16513	15.62	8.98	68.24	37.91	54.73	15.62	11.21	15.43		19184	9.3	5.87	18.29	9.3	38.61	7.23	26.53	5.05
16514	16.75	8.34	73.95	11.28	12.75	79.48	16.75	23.05		19185	8.5	2.22	17.78	9.15	45.3	8.5	7.83	2.92
16515	17.08	8.34	70.48	12.87	18.8	74.61	10.88	17.08		19186	7.9	2.82	30.69	10.88	50.85	7.9	5.81	4.35
16516	17.46	8.34	74.67	13.33	24.51	61.15	13.15	17.46		19187	9.34	2.81	50.14	11.43	65.84	9.34	5.39	5.26
16517	15.25	10.62	74.81	15.25	24.51	38.58	12.9	9.72		19188	10.64	2.8	53.65	11.52	65.04	10.64	3.68	5.65
16518	14.96	7.64	74.81	14.96	24.51	23.72	10.26	9.44		19189	8.57	2.82	51	8.57	61.49	13.78	2.91	5.21
16519	11.11	8.84	43.51	10.81	65.72	22.87	2.9	11.11		19190	12.18	7.57	51	12.18	64.36	18.95	1.51	10.22
16520	10.73	8.84	42.31	10.73	65.86	13.82	9.42	5.79		19191	9.82	1.51	36.87	9.82	63.87	21.3	1.59	2.68
16521	12.33	8.84	43.51	11.8	61.95	15.15	12.33	5.79		19192	9.1	0.53	24.93	9.1	48.05	10.19	1.47	3.44
16522	18.48	8.84	43.09	18.84	57.85	14.57	18.48	5.79		19193	9.1	0.28	27.76	9.1	46.02	10.16	1.1	3.44
16523	8.92	1.02	4.01	29.77	42.77	29.32	8.92	7.73		19194	8.19	0.18	28.54	12.3	45.93	8.19	0.78	3.44
16524	8.92	1.39	5.9	30.39	44.19	15.75	8.92	8		19195	10.75	0.36	33.85	13.49	48.05	10.75	1.02	3.44
16525	8.92	1.36	7.19	30.51	43.88	10.15	8.92	5.42		19196	13.91	0.81	37.28	16.94	62.89	13.91	1.34	3.8
16526	8.92	1.5	8.04	31.11	44.33	11.49	8.92	5.61		19197	14.41	1.95	31.69	14.41	51.25	28.48	9.11	3.88
16527	8.92	1.52	8.04	30.24	44.33	13.2	8.92	5.12		19198	18.21	17.29	40.51	19.37	4.86	37.33	18.21	11.65
16528	9.68	5.62	8.04	42.84	44.33	22.41	9.68	7.64		19199	19.4	13.87	40.21	19.4	4.54	20.72	27.47	11.65
16529	12.91	5.57	8.04	41.72	44.33	41.82	12.91	7.52		19200	19.68	11.3	45.14	19.69	4.77	19.68	39.8	11.65
16530	19.28	15.13	19.28	19.27	59.47	48.52	31.48	18.44		19201	19.9	12.77	41.32	32.77	7.32	19.9	24.12	12.16
16531	10.72	16.54	10.72	4.28	56.92	23.26	0.35	2.68		19202	14.64	3.05	35.2	15.93	52.21	14.64	4.87	14.13

Table 3

16532	8.51	8.51	9.21	2.67	55.66	15.21	0.23	2.68		19203	14.13	2.93	31.87	15.26	52.21	9.35	3.89	14.13
16533	5.03	5.03	9.21	1.66	52.75	11.16	0.23	2.68		19204	13.32	2.01	37.98	14.71	13.32	6.23	3.13	14.13
16534	5.44	5.44	9.21	1.69	40.87	12.77	0.23	2.68		19205	11.95	1.1	40.35	15.51	11.95	5.53	3.11	14.13
16535	5.56	5.56	9.21	1.18	40.87	12.86	0.22	2.68		19206	10.96	0.74	40.35	27.59	10.96	7.39	3.31	14.13
16536	4.37	4.37	9.21	1.47	40.87	13.99	0.32	3.08		19207	14.19	0.44	40.35	29.74	10.46	14.19	5.08	26.2
16537	4.37	4.37	9.21	2.75	40.87	19.78	0.43	3.28		19208	19.46	19.46	5.43	19.99	33.1	41.81	14.73	11.66
16538	9.21	5.74	9.21	3.61	40.87	22.41	0.68	11.66		19209	15.56	13.04	3.88	15.56	33.1	30.46	14.73	29.3
16539	13.69	0.59	17.06	4.77	15.91	14.72	0.8	13.69		19210	14.73	14.41	3.88	9.43	33.1	31.54	14.73	21
16540	9.72	0.59	14.12	9.72	12.96	8.2	1.01	13.69		19211	14.73	14.41	3.88	9.58	33.1	37.8	14.73	21
16541	11.8	0.59	15.06	13.28	11.8	7.81	2.98	13.69		19212	14.73	4.29	28.91	10.14	33.1	64.04	14.73	7.89
16542	10.37	0.59	14.04	18.59	10.37	6.68	5.18	14.06		19213	12.25	1.42	33.15	12.25	29.73	42.38	9.23	8.42
16543	17.8	0.59	20.73	22	16.58	9.59	39.51	17.8		19214	9.74	1.42	24.8	9.74	29.73	16.24	9.23	8.42
16544	18.77	14.95	29.24	18.77	27.73	18.77	5.93	8.59		19215	9.27	1.42	26.41	9.36	28.07	9.27	9.23	8.79
16545	18.64	19.76	29.24	18.64	27.73	7.96	5.93	8.6		19216	10.51	1.42	29.83	10.92	26.01	10.51	6.71	8.93
16546	16.08	16.08	29.24	17.3	27.73	3.66	5.93	7.83		19217	11.56	1.42	33.15	11.56	23.36	9.95	5.47	13.88
16547	16.18	16.44	29.24	16.18	27.73	3.38	5.93	7.6		19218	18.42	1.42	28.3	21.19	26.55	12.76	5.12	18.42
16548	8.07	8.07	29.24	16.45	27.73	4.07	5.93	7.46		19219	18.02	0.64	28.6	25.28	19.23	18.02	15.1	5.79
16549	9.8	8.09	29.24	25.88	27.73	6.01	9.8	7.46		19220	12.12	0.62	35.84	24.56	18.01	9.35	12.12	5.79
16550	6.08	3.15	0.7	6.08	27.73	6.79	5.93	7.46		19221	10.93	0.66	28.3	20.09	17.91	9.65	10.93	5.79
16551	19.78	22.61	1.72	19.78	28	2.56	21.39	4.49		19222	10.83	0.67	28.3	21.09	17.42	9.63	10.83	5.79
16552	4.81	18.62	2.53	16.58	9.16	4.1	4.81	4.01		19223	16.27	14.13	4.83	20.98	10.91	39.74	16.27	19.74
16553	8.15	18.62	4.25	15.51	9.16	8.15	4.81	4.01		19224	3.36	7.5	3.27	3.36	10.91	23.44	2.99	2.74
16554	9.16	18.62	5.73	18.01	9.16	17.14	1.91	4.01		19225	3.27	7.5	3.27	2.68	10.91	21.04	0.91	2.87
16555	12.78	14.93	30.57	5.9	12.78	20.92	1.22	5.78		19226	3.27	7.46	3.27	2.25	13.03	22.55	0.94	2.93
16556	10.45	14.62	32.87	1.11	10.45	15.94	1.08	5.92		19227	9.11	9.11	19.29	2.11	13.03	21.25	0.63	2.89
16557	4.49	4.14	42.98	0.81	9.16	5.61	1.02	4.49		19228	10.11	10.11	26.85	2.31	13.03	25.39	0.63	3
16558	4.13	4.19	32.65	0.81	9.16	3.71	1.07	4.13		19229	13.03	18.37	39.25	5.61	13.03	40.61	1.33	9.12
16559	4.13	4.13	32.65	1.01	16.41	3.71	1.86	9.97		19230	11.32	18.2	45.62	11.32	0.62	60.4	1.31	9.65

Table 3

16560	4.52	4.52	32.65	1.57	18.35	4.44	1.94	9.97		19231	17.35	9.22	11.7	17.35	23.1	58.8	25.08	12.09
16561	9.6	5.04	32.65	3.05	28	7.45	9.6	9.97		19232	17.08	9.23	15.22	17.08	23.1	50.75	22.21	11.69
16562	14.05	13.19	32.65	12.2	38.57	12.71	16.55	14.05		19233	17.9	17.9	33.34	10.98	71.67	55.42	17.24	12.74
16563	12.52	0.29	24.83	32.61	2.96	12.52	65.63	11.11		19234	16.6	16.6	64.06	10.98	6.34	33.69	23.7	10.53
16564	11.11	0.29	28.73	31.8	2.45	7.98	58.82	11.11		19235	18.77	16.6	66.73	18.77	5.08	23.69	23.7	10.53
16565	11.11	0.29	32.09	32.13	2.28	6.3	53.8	11.11		19236	18.39	16.6	64.19	19.33	4.3	18.39	23.7	10.53
16566	11.11	0.29	36.92	32.05	3.46	7.29	54.55	11.11		19237	10.98	16.54	4.07	10.98	8.08	23.7	51.73	7.46
16567	9.17	7.08	5.23	2.37	63.6	32.99	9.17	9.97		19238	10.98	12.6	4.48	10.98	7.91	15.67	51.64	7.03
16568	9.17	7.08	5.95	2.37	63.6	17.79	9.17	9.97		19239	9.81	9.81	6.41	12.62	8.53	13.62	52.09	7.03
16569	9.17	7.08	1.76	2.37	63.6	9.46	9.17	9.97		19240	9.31	8.67	9.04	11.84	9.31	14.08	30.76	7.03
16570	9.17	7.08	2.88	2.37	63.6	9.66	9.17	9.97		19241	11.89	15.86	9.71	11.89	14.11	17.89	4.76	7.03
16571	9.17	7.42	3.75	2.37	63.6	11.78	9.17	9.97		19242	11.97	16.54	7.85	11.97	20.06	24.14	3.83	7.03
16572	11.01	17.29	4.48	7.96	63.6	18.28	11.01	9.97		19243	5.79	8.34	3.95	2.71	27.7	16.57	2.59	5.79
16573	12.64	16.09	6.43	8.53	38.15	40.11	12.64	9.97		19244	5.81	11.1	5.81	2.71	34.5	10.42	2.56	5.79
16574	5.82	0.29	35.68	25.24	5.82	3.39	59.72	5.79		19245	8.47	11.29	8.47	2.95	34.5	8.91	2.58	5.79
16575	5.79	0.29	35.68	26.1	5.53	1.12	52.3	5.79		19246	4.7	20.15	4.55	2.9	34.5	6.42	4.7	3.19
16576	5.79	0.29	35.68	32.08	5.58	0.66	38.69	5.79		19247	5.89	25.85	5.41	3.28	65.97	6.01	5.89	3.19
16577	5.79	0.29	35.68	44.29	5.75	0.83	37.9	5.79		19248	9.98	27.46	6.2	9.98	74.33	7.06	14.06	3.19
16578	8.06	0.29	35.68	46.27	8.06	1.37	39.71	5.79		19249	11.69	17.92	5.7	11.69	75.22	10.5	14.35	3.19
16579	11.8	0.38	34.92	13.96	11.8	2.43	32.53	7.62		19250	19.74	18.98	6.77	34.29	75.22	19.74	29.24	3.19
16580	11.37	0.4	29.97	11.37	12.08	6.88	25.51	4.7		19251	17.01	0.02	29.72	20.14	6.85	9.75	17.01	58.13
16581	13.67	6.61	34.42	8.96	54.23	13.67	22.58	6.3		19252	14.49	0.02	29.72	19.89	6.99	7.63	14.49	59.51
16582	10.38	6.61	39.97	7.46	64.6	10.38	21	6.28		19253	10.79	0.02	30.07	15.59	7.27	7.2	10.79	28.83
16583	10.43	6.85	48.06	10.02	60.54	10.43	26.5	6.31		19254	11.1	0.02	28.65	11.73	10.83	7.74	11.1	20.69
16584	11.96	7.24	52.51	11.96	58.59	10	25.04	6.25		19255	9.36	0.12	18.78	1.59	15.13	9.36	24.23	2.31
16585	18.33	10.42	60.23	16.23	65.43	18.33	39.15	10.5		19256	3.34	0.12	22.35	1.59	18.72	16.56	3.34	2.18
16586	18.59	8.26	11.3	18.59	29.14	35.22	22.68	15.9		19257	3.47	1.38	25.74	1.12	28.66	17.28	3.47	2.04
16587	15.52	1.42	10.56	11.75	37.87	47.77	15.52	15.9		19258	4.14	1.38	30.32	0.85	28.66	12.93	4.14	2.02

Table 3

16588	15.08	1.42	10.6	11.84	63.34	47.56	15.08	16.57		19259	6.39	1.38	36.49	1.16	28.66	15.8	6.39	2.12
16589	15.08	1.42	10.78	12.2	63.34	48.63	15.08	16.57		19260	7.15	1.43	19.52	3.14	28.66	15.45	7.15	4.98
16590	15.08	1.42	10.7	10.7	63.34	52.91	15.08	16.57		19261	14.22	6.16	20.15	4.02	28.66	21.34	14.22	5.5
16591	16.57	1.6	20.24	11.76	63.34	54.44	15.08	16.57		19262	16.12	13.72	9.04	28.78	28.66	19.85	16.12	5.83
16592	16.84	3.72	20.5	16.84	63.02	49.32	15.08	16.57		19263	17.32	17.32	10.91	36.59	36.84	15.75	36.51	12.23
16593	15.08	1.61	12.28	23.98	17.17	21.22	15.08	13.69		19264	19.59	22.46	16.35	19.59	29.37	34.99	16.08	18.44
16594	17.17	0.88	37.27	25.97	17.17	13.79	32.37	13.69		19265	16.35	12.14	16.35	18.14	10.91	40.19	16.23	23.26
16595	16.81	0.44	44.71	34.47	16.81	11.25	32.37	13.69		19266	19.97	19.97	5.65	15.16	34.04	33.79	60.12	11.73
16596	13.74	0.4	38.25	25.03	13.74	11.13	32.37	13.69		19267	9.44	12.14	1.22	14.56	3.55	7.44	56.97	9.44
16597	17.17	0.84	38.25	25.5	17.17	16.96	66.5	13.69		19268	6.9	11.41	0.94	8.99	3.04	2.43	54.28	6.9
16598	18.44	15.64	8.54	24.58	29.81	23.05	8.48	18.44		19269	4.93	11.41	1.02	8.57	2.98	1.5	47.46	4.93
16599	18.44	12.08	10.45	25.27	29.81	20.9	6.72	18.44		19270	4.1	11.41	1.31	15.42	3.14	1.5	49	4.1
16600	16.15	8.21	12.99	30.25	29.81	16.15	9.26	18.44		19271	6.17	11.41	1.73	16.43	5.2	2.1	57.97	6.17
16601	15.39	4.93	15.39	23.34	29.81	11.95	9.45	18.44		19272	9.04	12.14	2.53	16.43	7	5	71.08	9.04
16602	19.84	8.25	19.84	29.79	55.1	35.24	5.85	11.66		19273	16.43	18.85	7.23	16.43	7	38.08	71.08	9.97
16603	18.08	8.25	25.11	11.01	75.22	42.5	7.02	18.08		19274	19.65	23.67	19.65	8.01	7	36.13	29.43	6.45
16604	14.67	6.71	25.26	10.38	24.7	17.42	5.5	14.67		19275	10.44	23.68	20.07	8.01	7	28.16	10.44	6.43
16605	14.67	6.71	31.07	10.64	22.37	16.58	6.08	14.67		19276	9.98	9.71	20.07	8.01	9.98	21.56	10.65	5.62
16606	17.89	6.71	30	8.67	20.8	17.89	5.82	22.78		19277	10.08	2.63	25.1	4.16	16.1	16.63	10.08	5.42
16607	19.94	14.49	33.55	15.44	19.94	20.35	8.53	22.78		19278	10.08	2.81	25.13	4.75	25.91	18.16	10.08	4.77
16608	10.87	10.87	3.43	20.68	40.76	34.38	1.46	7.1		19279	10.08	2.76	25.13	8.28	36.16	21.86	10.08	6.55
16609	10.87	10.87	4.44	23.13	40.76	35	0.86	7.63		19280	10.08	2.41	15.32	8.18	56.9	22.54	10.08	5.68
16610	10.87	10.87	5.99	24.49	40.76	39.45	0.78	8.97		19281	10.56	2.56	15.32	10.56	64.39	24.41	10.08	7.95
16611	10.87	10.87	9.24	25.33	40.76	42.72	0.74	8.82		19282	12.36	4.29	15.32	12.2	58.51	27.02	12.36	7.95
16612	11.42	10.87	11.42	25.33	40.76	41.82	0.72	8.66		19283	15.32	4.35	15.32	15.85	58.51	31.86	9.51	10.75
16613	14.38	10.87	12.2	28.24	40.76	38.08	2.56	14.38		19284	15.32	8.34	15.32	20.85	58.51	40.83	8.08	12.09
16614	12.08	10.87	15.22	12.08	58.04	35.55	2.94	11.1		19285	15.12	9	8.37	15.12	15.91	60.43	48.72	6.02
16615	11.28	15.89	0.08	1.52	11.28	13.82	50.77	5.42		19286	15.25	8.98	10.01	15.25	16.3	38.37	33.56	5.15

Table 3

16616	8.02	15.89	0.08	1.04	11.79	8.02	50.77	3.19		19287	13.34	8.98	13.34	12.67	17.54	25.1	33.56	5.12
16617	5.93	13	0.08	0.7	11.91	5.93	50.77	2.05		19288	13.13	7.42	17.75	10.89	13.13	18.88	33.56	5.05
16618	5.8	12.78	0.08	0.77	13.03	5.8	50.77	1.59		19289	12.95	6.04	22.35	12.95	12.67	16.1	33.56	5.23
16619	7.73	20.5	0.08	1.56	20.34	7.73	47.97	2.37		19290	12.95	6.92	27.78	12.95	11.99	19.02	33.56	6.97
16620	13.88	30.45	0.24	2.09	36.62	13.88	37.02	3.64		19291	17.86	10.94	36.56	17.86	11.36	26.53	45.82	9.61
16621	13.94	4.7	7.41	12.98	20.37	30.23	15.66	13.94		19292	15.89	4.77	18.73	13.27	15.89	48.55	44.35	4.59
16622	12.56	4.68	9.46	12.56	18.87	26.93	10.92	13.59		19293	15.26	4.77	21.94	12.84	15.26	31.82	42.06	5.05
16623	10.56	4.43	5.56	10.56	26.35	23.38	5.72	12.81		19294	15.4	4.77	25.11	15.4	14.92	23.89	39.45	5.33
16624	12.21	4.58	6.83	12.21	30.78	23.37	4.93	15.75		19295	15.87	4.77	23.67	15.87	13.2	18.62	42.22	6.59
16625	16.55	1.62	9.24	16.55	30.78	20.69	7.13	17.17		19296	15.21	8.94	26.46	15.21	52.54	1.81	31.4	0.78
16626	19.08	0.05	55.07	50.28	1.93	17.59	46.03	19.08		19297	9.89	8.77	26.46	9.89	59.35	1.74	20.85	0.78
16627	18.73	18.08	59.92	14.82	38.58	34.41	7.99	18.73		19298	9.75	8.96	26.46	9.75	63.69	2.1	19.33	0.78
16628	18.53	18.08	53.71	13.84	38.58	32.79	6.67	18.53		19299	9.85	7.76	26.46	9.85	58.03	4.52	16.61	0.78
16629	6.18	7.21	5.84	7.65	17.6	4.64	3.65	6.18		19300	11.26	6.6	31.99	12.39	63.47	11.26	11.1	1.8
16630	6.18	7.21	5.09	7.53	15.69	1.45	4.65	6.18		19301	14.38	10.84	34.95	14.38	63.47	14.09	15.57	1.8
16631	5.52	5.52	3.78	8.03	12.07	0.64	4.4	6.18		19302	18.34	7.19	18.34	26.46	1.55	30.47	46.07	1.98
16632	5.18	5.13	4.85	8.37	11.95	0.69	5.18	6.18		19303	18.03	7.19	18.9	25.17	1.46	18.03	46.07	1.23
16633	6.18	7.21	6.09	12.95	13.98	1.11	6.16	6.18		19304	13.8	7.19	20.77	32.33	1.42	13.8	43.66	1.22
16634	7.45	7.21	8.42	18.69	16.07	2.79	7.45	6.18		19305	10.25	7.19	19.95	31.59	1.31	10.25	34.61	1.16
16635	10.91	7.21	10.91	16.84	20.88	11.29	9.57	6.18		19306	8.82	7.19	23.68	31.47	2.33	8.82	22.7	0.38
16636	17.47	14.41	32.66	13.06	9.13	46.86	17.47	17.58		19307	12.59	7.59	30.51	22.42	3.93	12.59	21.75	0.48
16637	17.02	14.41	32.26	12.64	7.91	42.96	19	17.02		19308	14.61	7.41	33.19	21.05	5.91	14.61	20.71	0.6
16638	17.28	14.41	40.66	13.84	7.71	47.57	17.28	17.5		19309	17.34	2.99	17.34	19.86	45.92	11.83	18.97	1.4
16639	19.51	20.93	38.28	8.37	19.51	54.31	2.13	13.99		19310	11.73	2.99	10.99	19.89	49.32	11.73	14.49	1.4
16640	14.84	15.15	43.46	6.95	14.84	21.3	2.53	12.84		19311	13.91	2.99	13.91	21.77	49.99	12.91	14.89	1.48
16641	13.28	4.77	55.71	9.75	14.84	13.05	13.4	13.28		19312	16.81	2.99	16.81	32.42	54.47	19.84	13.71	1.54
16642	13.28	4.77	50.8	9.75	14.84	7.28	15.5	13.28		19313	17.3	2.99	17.3	33.88	61.28	27.97	10.08	8.92
16643	13.28	4.77	56	9.75	14.84	7.44	15.5	13.28		19314	18.16	2.99	18.16	42.26	66.97	37.04	11.91	8.92

Table 3

16644	13.28	4.77	54.5	9.75	14.84	9.35	15.5	13.28		19315	18.16	2.99	18.16	38.85	75.22	51.14	13.24	8.92
16645	14.84	4.77	58.6	11.89	14.84	12.83	15.5	17.06		19316	16.38	7.73	2.95	16.38	58.57	15.62	24.44	17.18
16646	17.93	17.01	27.67	17.93	75.22	15.65	46.45	5.42		19317	16.38	3.81	2.2	16.38	51.39	7.79	19.82	17.18
16647	15.62	9.61	30.04	14.94	74.22	15.62	42.42	5.42		19318	14.81	2.63	3.17	16.38	50.25	6.73	14.81	17.18
16648	15.91	9.61	29.82	14.94	74.28	15.91	28.96	5.42		19319	16.41	4.47	5.08	30.1	22.82	9.52	16.41	17.8
16649	10.9	9.61	37.12	10.9	66.5	33.38	8.8	5.42		19320	17.8	8.05	8.11	50.13	22.82	18.03	11.32	17.8
16650	10.32	10.13	36.8	10.32	29.08	30.84	6.64	9.77		19321	17.8	13.92	10.39	50.49	22.82	32.2	1.59	17.8
16651	10.5	10.13	44.4	10.5	26.09	27.96	5.73	10.44		19322	18.27	11.59	4.22	14.24	65.61	24.2	18.27	21.62
16652	8.32	10.13	3.41	6.66	22.09	17.63	0.68	8.32		19323	14.23	11.59	4.28	8.46	60.7	25.9	14.23	21
16653	8.44	10.13	4.43	6.82	20.41	15.62	0.6	8.44		19324	15.95	11.59	6.41	9.95	63.48	37.78	15.95	21
16654	7.59	10.13	6.18	7.59	26.25	12.63	0.52	5.05		19325	17.51	11.59	8.2	11.87	70.15	51.27	17.51	21
16655	7.54	7.54	9.23	7.39	33.54	11.62	0.52	5.05		19326	17.71	12.86	15.81	17.68	74.13	63.1	17.71	25.04
16656	11.72	13.6	12.07	6.98	40.66	11.72	0.72	5.05		19327	19.99	7.96	39.25	19.99	44.63	13.67	47.36	0.62
16657	8.31	10.54	9.23	3.39	30.9	8.31	0.65	6.6		19328	19.99	7.86	39.83	19.99	44.63	11.1	46.44	0.62
16658	4.7	4.7	7.4	3.39	30.9	4.17	0.65	6.6		19329	19.99	8.27	39.83	19.99	44.63	15.54	42.13	0.62
16659	4.7	4.7	10.72	3.39	30.9	2.2	1.18	6.6		19330	18.26	12.91	18.26	17.98	50.3	35.73	68.74	4.69
16660	3.39	3.3	6.56	3.39	30.9	1.36	1.44	6.6		19331	13.6	13.6	7.09	0.9	48.21	46.86	60.33	4.69
16661	3.39	3.34	6.99	3.39	30.9	1.26	1.35	6.6		19332	12.42	9.61	12.42	0.9	48.21	47.67	56.72	4.69
16662	5.99	3.78	6.99	5.5	30.9	2.21	5.99	6.6		19333	14.34	9.61	14.34	0.9	48.21	41.21	52.65	10.53
16663	6.99	6.02	6.99	8.85	30.9	5.91	6.31	13.08		19334	14.34	9.61	14.34	0.9	48.21	37.9	49.89	10.53
16664	17.8	15.86	6.99	16.43	64.67	34.92	27.56	17.8		19335	14.34	9.61	14.34	1.71	48.21	40.19	50.01	12.76
16665	17.8	15.86	6.99	16.43	26.33	47.09	26.67	17.8		19336	13.08	9.61	14.34	1.77	0.04	45.39	62.21	13.08
16666	13.95	11.75	7.93	13.95	55.39	51.67	40.46	13.47		19337	15.67	25.24	15.67	7.59	14.86	26.58	52.63	7.46
16667	17.68	31.76	10.38	13.64	17.68	24	21.79	13.47		19338	15.67	26.55	15.67	14.15	14.86	26.76	52.63	7.46
16668	13.67	23.37	3.2	3.8	13.67	18.15	17.96	3.65		19339	15.67	19.85	15.67	14.28	14.86	29.09	52.63	7.46
16669	10.51	23.67	3.12	3.72	12.39	10.51	13.84	3.65		19340	8.08	6.18	48.32	23.66	8.08	21.93	7.97	4.34
16670	3.71	3.71	3.49	3.67	11.76	8.6	4.6	2.05		19341	8.08	6.18	56.82	24.23	8.08	11.78	7.97	4.34
16671	4	4	4.86	3.72	13.53	8.38	3.39	2.05		19342	8.08	4.85	68.11	24.21	8.08	8.85	7.97	4.34

Table 3

16672	4	4	5.9	3.98	15.45	8.74	3.39	2.05		19343	7.97	3.7	69.22	32.19	8.08	7.57	7.97	4.34
16673	6.71	3.91	6.71	8.46	16.77	10.21	4.09	2.05		19344	8.08	6.18	73.15	34.25	8.08	9.57	7.97	4.34
16674	8.16	4.05	9.33	8.16	26.6	17.59	3.42	2.05		19345	16.65	6.18	79.59	34.71	8.08	16.65	16.81	11.59
16675	15.15	15.15	29.87	12.71	37.02	22.74	5.62	4.95		19346	17.84	14.41	26.99	40.04	0.97	17.84	24.94	5.87
16676	12.18	15.15	8.55	12.18	30.55	27.45	8.89	4.99		19347	18.88	14.41	31.87	40.29	1	18.88	25.48	6.22
16677	17.17	16.04	14.51	12.13	34.49	29.13	35.9	17.17		19348	14.53	14.41	14.53	44.18	0.29	20.99	47.22	6.23
16678	9.59	9.59	18.6	9.36	50.34	25.04	3.47	6.18		19349	19.05	14.41	19.05	51.58	0.46	25.76	57.06	14.76
16679	7.6	4.77	17.43	6.11	50.34	7.6	3.47	8.42		19350	19.26	19.26	67.56	11.71	6.84	74.4	38.31	7.95
16680	5.82	4.77	20.43	5.82	54.01	4.75	3.47	8.42		19351	18.78	18.63	18.78	47.69	43.15	10.25	44.89	2.28
16681	5.26	4.77	12.75	5.26	50.49	3.04	3.47	8.42		19352	5.66	15.77	2.99	2.38	75.22	5.63	9.88	5.66
16682	6.99	4.77	16.24	6.99	48.22	4.04	3.47	8.42		19353	6.6	16.76	3.55	2.36	75.22	2.53	7.54	6.6
16683	8.01	4.77	21.59	8.01	54.01	6.34	3.47	8.42		19354	6.39	15.77	4.96	2.38	75.22	2.45	6.39	6.6
16684	12.73	7.32	26.82	15.09	54.01	12.73	3.47	8.42		19355	6.6	14.96	7.25	2.4	75.22	2.72	3.98	6.6
16685	9.39	3.67	31.19	10.98	31.25	9.39	3.39	7.03		19356	6.6	14.96	9.82	2.54	75.22	3.85	2.86	6.6
16686	7.03	3.67	25.15	10.19	31.25	4.1	3.25	7.03		19357	9.64	18.48	16.52	9.64	75.22	9.35	3.17	6.6
16687	6.95	3.67	29.33	11.47	31.25	4.81	3.3	6.95		19358	17.67	17.67	24.83	10.04	75.22	38.47	3.68	6.6
16688	7.03	3.67	19.99	9.11	31.25	5.21	0.81	7.03		19359	17.08	4.01	27.21	26.65	0.23	46.45	17.08	13.66
16689	7.03	3.67	23.62	9.62	31.25	6.75	0.8	7.03		19360	12.96	4.01	25.13	26.7	0.24	49.64	12.96	9.31
16690	12.05	3.67	28.8	14.04	31.25	12.05	0.89	7.03		19361	11.64	4.01	25.13	28.68	0.25	48.91	11.64	9.59
16691	15.38	9.1	31.19	15.38	31.25	27.07	0.87	9.06		19362	16.2	4.01	25.13	30.23	0.24	45.46	16.2	9.24
16692	19.7	13.57	45.26	19.7	51.74	41.67	5.13	9.81		19363	9.65	7.3	25.13	9.65	1.4	40.97	15.33	6.6
16693	19.47	13.57	38.52	19.47	51.74	35.15	5.1	17.68		19364	9.96	7.7	25.13	9.96	1.42	44.24	13.71	7.78
16694	13.58	3.79	8.51	13.58	17.28	20.3	7.66	15.98		19365	16.52	16.13	15.67	16.52	52.04	46.6	36.47	0.62
16695	8.96	2.99	3.08	12.39	17.28	8.96	8.42	14.94		19366	15.67	17.95	15.67	12.95	52.04	29.79	14.97	0.62
16696	7.02	2.99	1.5	11.82	11.35	2.98	7.02	12.93		19367	13.74	13.74	15.67	9.06	52.04	19.55	10.68	0.62
16697	5.66	2.99	2.39	12.1	11.03	2.58	5.66	12.67		19368	13.81	13.81	15.67	9.28	52.04	16.15	9	0.62
16698	2.99	2.99	2.57	16.37	11.17	2.13	1.84	12.64		19369	6.91	5.18	6.91	8.37	52.04	8.72	6.63	0.62
16699	4.14	3.7	4.14	24.44	12.2	2.95	1.56	18.11		19370	5.77	5.74	6.45	11.81	52.04	4.16	5.77	0.86

Table 3

16700	4.81	4.81	4.14	31.59	16.55	4.7	1.5	17.18		19371	5.39	3.31	6.7	10.57	52.04	1.62	5.39	0.62
16701	12.93	12.93	5.38	42.08	21.5	10.89	2.37	22.17		19372	6.38	6.18	7.51	12.62	55.99	1.09	6.38	1.04
16702	19.57	11.41	6.35	33.1	23.65	29.98	2.81	19.57		19373	7.19	6.18	8.82	13.17	55.99	0.93	7.19	0.54
16703	17.01	4.09	36.88	17.01	35.8	18.95	2.76	9.09		19374	11.23	6.18	11.23	13.14	55.99	1.54	19.31	0.28
16704	13.98	2.38	40.11	13.98	25.35	12.63	19.11	7.79		19375	6.38	8.34	12.7	1.4	55.99	4.09	6.38	0.39
16705	14.48	1.85	42.37	14.48	27.72	11.25	25.85	8.19		19376	12.16	20	35.17	1.54	55.99	8.79	12.16	0.6
16706	15.89	1.59	46.16	15.89	29.17	12.31	31.45	7.77		19377	20	20	42.22	1.64	67.92	28.17	12.36	1.1
16707	17.18	3.53	46.16	11.41	28.64	16.9	44.78	17.18		19378	7.44	0.77	60.74	7.14	1.23	26.97	7.44	20.96
16708	8.61	8.61	0.61	22.77	15.25	4.63	42.7	5.84		19379	18.02	44.27	23.97	1.79	16.53	66.52	8.18	18.02
16709	5.66	5.35	0.66	22.77	14.94	1.64	39.14	5.66		19380	12.86	2.71	14.23	1.61	16.53	30.7	6.8	12.86
16710	4.34	2.74	0.37	11.28	13.46	0.67	27.13	4.34		19381	12.86	2.71	13.06	1.5	24.04	18.75	5.07	12.86
16711	4.34	1.8	0.48	12.46	13.63	0.61	18.68	4.34		19382	6.13	2.71	13.27	1.42	6.13	14.19	4.89	8.31
16712	4.34	2.79	0.73	14.69	19.79	0.65	17.76	4.34		19383	6.84	2.71	17.6	3.66	6.13	13.67	6.84	10.08
16713	5.53	4.57	1.29	15.64	28.46	1.8	8.61	5.53		19384	6.94	2.46	22.65	4.02	6.13	16.78	21.12	6.94
16714	7.98	7.98	1.95	14.64	37.88	7.75	8.89	4.94		19385	14.32	4.2	29.16	14.32	6.13	23.82	26.46	10.04
16715	17.21	37.07	9.71	17.21	66.84	21.6	8.02	9.07		19386	17.42	4.32	39.05	17.42	6.13	51.19	26.46	9.49
16716	8.47	14.36	6.97	12	70.91	8.47	7.96	2.44		19387	17.12	25.5	17.12	1.76	9.29	48.27	26.46	2.78
16717	9.2	14.96	8.82	19.36	66.84	5.25	9.2	2.44		19388	9.29	7.58	18.69	1.76	9.29	31.93	26.46	2.69
16718	10.09	10.94	6.9	18.64	35.34	2.57	10.09	2.44		19389	13.69	8.49	13.69	1.38	39.34	25.15	36.52	10.14
16719	8.86	8.86	8.53	18.64	32.37	3.6	11.03	2.44		19390	16.4	14.07	15.52	17.86	28.77	16.07	68.5	16.4
16720	12.45	12.45	9.71	18.64	31.92	5.64	19.97	2.44		19391	5.03	12.33	0.07	5.03	14.82	4.21	68.5	0.86
16721	14.96	14.96	9.71	29.26	30.78	9.49	22.76	2.44		19392	4.91	7.94	0.13	4.91	12.91	1.68	77.54	0.86
16722	13.58	11.59	6.88	13.58	64.08	48.35	18.7	13.28		19393	4.89	4.89	0.21	5.2	9.74	0.91	70.22	0.86
16723	13.82	11.59	8.77	13.82	64.08	39.29	17.83	13.28		19394	4.23	4.23	0.43	4.69	8.95	0.79	67.14	0.86
16724	15.68	10.64	10.93	13.82	58.93	33.51	15.94	15.68		19395	5.06	5.06	0.7	7.41	5.99	1.54	27.69	0.86
16725	14.06	11.59	15.98	12.74	61.24	32.1	14.06	13.28		19396	5.99	10.35	1.43	12.13	5.99	4.79	27.69	1.43
16726	16.91	13.04	21.66	9.82	20.3	29.13	16.91	13.28		19397	7.41	19.25	2.18	7.41	5.99	20.27	21.72	1.46
16727	19.13	13.04	24.58	16.77	20.3	30.21	19.13	19.08		19398	13.04	13.04	28.68	2.77	5.99	43.61	9.41	21.62

Table 3

16728	13.28	13.04	4.44	11.84	20.3	25.93	17.18	13.28		19399	9.32	13.04	9.32	2.64	5.99	32.09	8.03	10.53
16729	18.59	13.52	18.59	12.41	55.9	57.64	21.08	14.13		19400	10.53	13.04	11.66	2.66	5.99	20.41	6.42	10.53
16730	18.19	8.98	28.25	15.89	29.12	56.96	18.19	16.97		19401	6.3	2.71	14.88	2.73	5.99	14.77	6.3	10.53
16731	18.9	3.57	34.82	18.9	29.12	56.05	13.04	18.83		19402	10.53	2.71	17.57	3.74	11.47	11.95	6.45	10.53
16732	7.61	7.4	7.61	0.78	25.12	15.71	0.5	8.92		19403	11.9	2.71	20.98	4.67	11.9	12.52	16.15	10.78
16733	5.75	5.75	8.06	0.62	29.83	8.2	0.23	0.22		19404	15.17	3.86	26.64	8.68	11.82	17.51	26.22	15.17
16734	4.3	4.3	11.64	0.59	29.83	5.36	0.18	0.2		19405	17.89	3.57	32.61	25.61	16.06	17.89	63.28	13.62
16735	2	3.42	12.87	0.57	66.09	2	0.11	0.19		19406	17.61	5.69	34.12	16.88	23.02	17.61	40.94	12.7
16736	1.21	4.77	14.28	0.59	62.77	1.21	0.08	0.16		19407	17.12	5.69	32.93	17.12	28.45	13.62	32.87	11.6
16737	1.88	7.62	19.49	1.88	66.85	1.76	0.14	0.18		19408	3.63	5.69	1.18	3.75	3.63	1.68	34.09	0.53
16738	1.95	8.98	20.65	1.95	47.59	1.73	0.2	0.64		19409	3.54	5.69	1.2	3.75	3.54	0.6	36.39	0.53
16739	8.98	8.98	36.34	13.55	46.21	4.2	1.06	0.68		19410	3.55	5.69	1.22	3.75	3.55	0.44	24.33	0.53
16740	14.98	6.66	39.06	16.66	45.84	4.37	14.98	0.62		19411	3.51	7.21	1.22	3.75	3.51	0.52	23.12	0.54
16741	16.41	6.66	32.4	17.89	41.4	3.66	16.41	0.62		19412	3.75	7.21	1.1	3.75	5.71	0.82	23.12	0.57
16742	16.76	6.66	35.97	20.74	49.33	3.52	16.76	0.62		19413	3.75	8.67	3.17	3.75	9.23	1.69	22.25	2.05
16743	16.76	6.66	31.13	19.61	52.22	2.6	16.76	0.62		19414	7.2	7.21	3.12	3.75	14.77	7.2	20.34	2.07
16744	16.76	6.66	32.43	17.47	20.31	2.88	16.76	0.62		19415	11.44	11.44	24.32	6.22	28.37	11.16	20.53	5.73
16745	10.46	6.66	36.87	20.63	16.6	3.5	10.46	0.62		19416	7.22	7.22	30.06	6.44	28.37	5.22	16.29	4.84
16746	5.63	6.18	16.18	3.67	13.87	5.63	4.16	0.62		19417	9.57	7.21	12.09	13.96	28.37	2.79	9.57	4.82
16747	6.18	6.18	27.3	3.93	13.13	8.3	2.86	5.58		19418	7.21	7.21	13.66	14.35	28.37	2.6	6.86	4.81
16748	7.23	7.23	36.45	4.14	15.85	8.84	4.94	5.6		19419	8.87	8.87	15.37	28.59	16.26	3.68	4.84	4.67
16749	10.22	17.29	43.6	3.89	19.47	10.22	4.92	5.85		19420	10.86	10.86	17.96	31.76	20.32	5.41	4.41	8.88
16750	14.57	19.48	44.82	3.61	24.29	14.57	3.89	5.73		19421	16.26	17.27	20.58	27.66	16.26	12.57	3.08	10.95
16751	16.97	16.97	45.04	8.24	50.35	23.49	12.1	4.38		19422	19.91	19.53	25.32	28.37	16.26	29.47	2.06	19.91
16752	16.8	16.8	50.86	8.91	50.35	22.85	13.37	4.43		19423	16.8	15.45	26.97	25.57	16.26	36.89	5.82	16.8
16753	6.07	6.07	3.33	15.8	38.45	29.67	1.83	1.86		19424	19.82	15.75	19.82	31.45	47.87	35.84	12.53	17.01
16754	6.62	6.07	4.54	16.5	38.45	31.01	6.62	3.19		19425	19.88	15.56	19.88	35.19	48.26	40.06	13.64	19.77
16755	13.39	6.07	4.79	17.76	38.45	33	13.39	3.19		19426	13.97	13.97	7.79	40.23	43.42	38.04	10.31	6.82

Table 3

16756	17.1	6.07	6.46	23.43	38.45	42.81	17.1	3.19		19427	7.76	7.76	1.48	26.96	17.69	22.64	7.2	5.68
16757	16.55	10.21	13.89	32.88	32.03	51.98	13.76	16.55		19428	9.59	6.75	1.76	27.46	16.07	22.08	9.59	5.8
16758	17.81	15.7	73.67	17.81	33.57	62.07	9.46	17.66		19429	10.16	4.53	1.8	26.6	14.64	20.56	10.16	7.6
16759	17.81	31.94	14.59	17.81	33.57	54.79	7.18	16.79		19430	10.51	4.62	2.46	26.45	15.91	22.72	10.51	7.54
16760	17.6	15.94	17.6	17.81	33.57	58.94	7.81	16.73		19431	15.13	7.76	3.63	30.47	24.02	31.07	9.11	15.13
16761	16.57	16.57	14.66	17.81	34.52	57.47	7.53	16.57		19432	18.81	18.81	10.95	3.33	22.83	40.02	29.55	0.3
16762	13.82	21.07	0.32	23.81	2.56	13.82	81.54	1.79		19433	13.42	8.84	13.42	2.37	22.83	34.05	25.17	0.3
16763	9.7	21.07	0.52	29.94	2.69	9.7	81.11	1.77		19434	4.77	4.77	21.62	1.4	22.83	32.21	4.27	0.3
16764	7.6	21.07	0.88	30.89	3.26	7.6	75.51	1.65		19435	4.77	4.77	8.5	1.4	22.83	35.15	4.27	0.3
16765	11.02	21.07	1.38	32.96	5.86	11.02	43.64	1.75		19436	4.77	4.77	8.5	2.23	22.83	44.9	4.27	0.3
16766	14.7	26.21	1.78	27.93	10.11	15.1	14.7	4.05		19437	4.77	4.77	8.5	0.45	22.83	63.52	4.27	0.3
16767	15.8	21.07	2.72	28.54	22.62	15.8	12.7	5.24		19438	8.5	4.78	8.5	0.67	35.64	77.03	4.27	14.7
16768	6.81	18.67	2.73	9.17	8.16	2.48	6.81	3.19		19439	8.5	6.9	8.5	0.75	35.64	73.56	4.27	16.2
16769	5.37	18.67	3.71	9.17	8.66	0.92	5.37	3.19		19440	8.04	6.48	8.5	0.67	33.79	42.11	4.27	8.04
16770	4.67	14.67	4.67	9.17	8.8	0.58	4.11	3.19		19441	8.13	6.35	8.5	0.72	35.64	27.81	7.48	8.13
16771	6.68	15.2	6.68	9.17	9.63	0.54	3.37	3.19		19442	9.86	8.17	18.91	2.92	35.64	24.96	9.86	4.98
16772	9.17	18.67	9.64	9.17	16.44	0.93	5.14	3.19		19443	12.77	12.77	18.91	3.02	35.64	22.48	11.39	4.95
16773	11.58	18.67	11.58	9.17	17.04	2.58	26.71	3.19		19444	18.78	14.48	32.67	18.78	53.67	23.73	10.84	5.08
16774	16	13.04	16	9.17	17.04	18.13	22.6	3.19		19445	16.34	16.34	26.46	11.94	62.2	26.92	10.75	5.24
16775	17.04	13.04	30.4	13.65	17.04	22.51	23.58	1.16		19446	18.71	18.71	32.1	11.8	55.95	32.53	13.15	5.31
16776	17.04	13.04	37.22	14.67	17.04	18.72	20.68	1.16		19447	15.07	19.34	41.17	15.07	14.84	44.02	4.57	9.12
16777	17.04	13.04	37.22	17.24	17.04	16.73	18.13	1.04		19448	15.14	27.7	47.58	15.14	14.84	50.21	4.36	9.14
16778	16.39	13.04	37.22	20.39	17.04	13.9	16.39	1.03		19449	14.34	1.54	7.09	14.34	12.9	19.35	19.73	19.08
16779	18.66	13.04	37.22	24.24	45.87	16.82	18.66	1.1		19450	13.28	1.15	7.88	13.28	12.81	13.67	16.46	21.53
16780	12.46	5.24	20.88	12.46	10.17	14.66	45.39	9.8		19451	14.59	1.02	9.9	14.91	15.1	14.44	14.59	19.18
16781	7.95	5.24	7.95	10.41	10.17	6.78	49.17	4.05		19452	8.74	1.57	8.74	10.06	10.45	7.72	9.97	7.68
16782	7.43	4.77	7.43	10.32	10.17	4.09	46.5	3.1		19453	10.14	1.57	10.93	10.21	10.14	8.02	16.32	7.83
16783	7.08	4.77	7.08	11.19	38.46	3.28	42.77	3.1		19454	8.65	1.57	13.74	17.3	10.39	8.65	8.23	1.69

Table 3

16784	6.41	4.77	6.41	11.61	38.46	4.11	36.34	3.23		19455	9.53	2.01	16.13	17.24	9.53	9.95	7.04	1.69
16785	7.25	7.25	4.14	11.61	38.46	6.48	36.34	3.28		19456	7.08	1.57	14.44	19.52	7.42	7.08	6.69	1.69
16786	9.85	6.88	4.14	12.17	32.26	9.85	36.34	4.87		19457	5.9	1.97	16.29	15.95	8.2	4.45	5.9	1.69
16787	12.74	12.74	3.61	12.34	26.65	16.62	36.34	7.26		19458	5.58	1.95	19.08	16.19	5.47	5.7	5.58	1.69
16788	14.61	6.23	3.64	14.61	22.1	23	36.34	14.05		19459	8.25	10.25	24.3	21.45	5.47	6.13	8.25	1.69
16789	14.24	10.56	8.04	14.24	55.62	74.96	14.15	19.9		19460	10.25	10.25	27.74	18.78	5.47	6.11	12.63	1.69
16790	19.01	4.77	21.85	6.02	55.53	66.67	11.91	19.01		19461	10.92	10.92	32.69	21.72	5.47	6.98	17.64	3.44
16791	18.83	4.77	22.19	6	57.4	58.14	11.91	18.83		19462	11.01	10.92	38.09	22.33	5.47	11.01	20.13	3.44
16792	19.32	4.77	26.4	6.15	54.96	58.01	11.77	19.32		19463	16.87	13.72	39.83	16.87	10.82	33.59	35.3	3.44
16793	19.14	9.11	46.67	22.25	66.09	19.14	5.96	15.27		19464	18.29	13.72	48.32	15.74	75.22	44.15	18.29	3.44
16794	14.03	12.35	35.16	10.28	48.03	27.06	14.03	13.69		19465	18.75	14.41	20.48	18.75	53.59	20.2	16.95	15.55
16795	17.93	17.93	35.16	10.04	43.4	27.94	14.03	13.69		19466	11.1	9.81	13.89	14.29	46.8	11.1	8.46	3.78
16796	18.08	18.08	35.16	10.88	43.4	32.1	14.03	13.69		19467	9.37	9.37	13.66	14.42	46.19	7.34	6.81	4.46
16797	18.81	18.81	18.59	32.17	9.58	56.65	38.82	5.85		19468	9.15	9.15	16.13	17.39	50.56	6.42	5.73	4.34
16798	13.39	11.04	7.62	13.39	53.22	50.08	11.83	15.91		19469	11.5	11.5	18.98	26.75	54.34	8.25	7.67	4.76
16799	13.58	13.58	10.81	12.95	53.22	42.32	7.54	15.91		19470	9.11	8.34	15.08	34.63	0.02	10.85	9.11	9.04
16800	15.91	13.51	15.95	12.98	66.11	41.14	5.76	15.91		19471	11.89	8.34	17.01	38.41	0.02	17.35	9.81	11.89
16801	13.01	10.59	19.22	13.01	66.11	30.07	4.56	8.99		19472	7.14	5.39	20.55	30.83	0.02	12.86	7.14	1.87
16802	12.1	10.89	19.05	12.1	66.11	20.27	2.42	8.8		19473	9.12	3.67	28.33	34.6	0.02	11.63	9.12	1.87
16803	18.75	14.05	20.48	23.47	66.11	18.75	1.61	17.58		19474	7.15	3.33	27.53	34.31	0.02	8.88	7.15	1.87
16804	16.83	2.98	20.48	21.42	51.09	15.51	1.54	16.83		19475	4.3	4.26	31.91	34.14	0.21	9.83	4.3	1.87
16805	12.6	2.98	37.22	24.38	40.22	12.6	3.74	7.23		19476	5.24	5.24	33.15	37.29	0.22	13.53	4.29	1.87
16806	5.79	2.98	0.74	6.56	21	7.04	3.64	5.79		19477	15.33	1.14	17.05	26.95	4.04	16.4	2.53	15.33
16807	4.13	2.98	0.88	6.52	21	4.13	3.3	5.79		19478	10.19	1.14	22.34	29.93	4.32	10.19	3.24	16.19
16808	7.41	8.88	1.29	7.41	21	5.25	8.03	5.79		19479	7.23	1.14	23.65	15.24	4.37	7.23	3.52	14.67
16809	7.41	14.22	1.98	7.41	21	7.41	15.14	5.79		19480	4.47	1.14	9.17	4.42	4.47	4.73	3.14	14.67
16810	13.62	13.62	3.17	7.9	21	14.05	26.52	5.79		19481	7.4	1.14	10.95	4.42	7.4	4.5	13.07	14.15
16811	17.27	13.62	4.22	17.27	21	24.57	18.12	7.08		19482	5.02	1.79	0.45	4.42	12.18	5.02	13.44	12.33

Table 3

16812	12.85	13.62	5.02	12.85	8.86	33.09	11.19	14.13		19483	8.92	1.77	0.73	4.42	20.5	8.92	13.44	14.67
16813	14.13	13.62	20.36	23.79	9.11	33.61	9.51	14.13		19484	12.76	2.18	0.9	4.42	14.05	13.46	12.76	15.27
16814	14.13	7.88	25.84	23.85	9.32	28.7	6.71	14.13		19485	10.78	2.31	1.57	4.42	14.05	20.92	10.78	15.27
16815	14.13	12.41	26.4	23.58	9.02	22.17	5.41	14.13		19486	13.44	2.53	2.6	4.42	14.05	35.18	13.44	15.47
16816	13.58	12.37	9.1	18.4	13.58	18.67	1.66	14.13		19487	14.05	6.25	3.88	26.35	14.05	46.25	13.44	27.8
16817	19.95	21.24	12.3	26.22	19.95	22.71	1.25	14.13		19488	18.77	1.01	6.33	32.02	1.53	46.49	18.77	28
16818	12.9	4.7	46.76	18.94	12.9	33.25	12.68	6.55		19489	16.12	0.73	43	34.53	2.31	38.21	16.12	9.97
16819	19.06	5.24	54.62	19.06	25.32	29.76	11.43	6.55		19490	14.77	1.01	60.94	37.54	4.05	45.12	14.77	9.97
16820	18.16	5.24	59.91	18.16	33.09	24.73	8.75	5.02		19491	13.64	1.01	56.53	40.24	7.02	60.15	13.64	12.23
16821	7.02	5.24	59.91	7.02	41.58	22.18	6.86	2.68		19492	16.57	15.72	63.11	39.68	13.27	60.93	16.57	12.23
16822	9.49	5.24	59.91	7.18	50.75	22.25	9.49	2.68		19493	15.72	15.72	17.03	17.55	13.27	50.57	8.77	12.23
16823	11.1	2.41	48.48	5.61	63.67	22.22	11.1	2.68		19494	15.72	15.72	22.35	18.81	13.27	51.13	5.01	13.28
16824	11.89	2.41	54.42	5.73	67.2	27.84	11.89	3.76		19495	15.72	15.72	27.66	17.76	13.27	46.04	4.32	12.23
16825	8.42	2.41	8.42	5.29	14.41	26.92	14.72	5.05		19496	8.91	2.87	2.22	8.91	17.82	24.79	1.14	9.44
16826	10.34	2.11	11.34	8.88	14.41	27.9	10.34	5.05		19497	6.54	2.19	2.01	6.54	17.82	10.19	0.66	8.42
16827	12.35	2.41	12.52	9.65	14.41	29.91	8.84	12.35		19498	6.54	2.19	2.84	6.54	17.82	7.44	0.66	8.42
16828	18.28	2.41	17.62	20.21	14.41	33.66	18.28	18.41		19499	6.46	2.33	5.15	6.46	17.82	7.9	0.68	8.42
16829	18.88	0.53	41.93	21.88	19.22	18.88	13.77	5.28		19500	7.62	2.89	7.62	6.82	17.82	9.08	0.81	8.42
16830	13.66	0.75	41.93	13.66	27.92	17.08	3.43	3.44		19501	8.42	4.34	10.44	5.15	17.82	13.1	1.75	8.42
16831	15.72	1.38	41.93	15.72	38.43	18.88	2.41	3.44		19502	9.87	9.87	14.66	5.15	17.82	24.65	2.95	8.42
16832	11.93	8.98	13.44	11.93	63.9	27.38	1.41	4.01		19503	9.05	8.96	37.73	5.15	66.22	49.86	9.05	8.42
16833	13.57	8.98	13.57	14.12	66.52	23.73	1.45	4.7		19504	15.27	4.01	7.79	5.15	34.36	31.44	30.14	15.27
16834	7.56	5.05	7.56	11.96	52.39	14.84	1.11	4.01		19505	15.27	4.01	7.71	5.15	34.36	16.37	30.27	15.27
16835	9.03	4.48	9.03	12.51	40.19	17.81	1.97	4.84		19506	12.18	4.01	5.41	12.18	34.36	10.47	32.18	15.27
16836	12.38	4.49	12.38	13.14	40.91	21.66	4.04	4.98		19507	12.18	4.01	7.02	12.18	34.36	9.79	28.9	15.27
16837	17.99	3.86	17.99	24.77	41.62	28.75	4.73	7.87		19508	16.35	4.01	9.9	16.35	34.36	12.81	19.37	17.8
16838	14.28	16.43	22.35	11.43	2.19	19.13	14.28	8.42		19509	18.33	8.33	12.94	22.71	34.36	18.33	21.21	14.28
16839	9.69	11.28	7.51	11.54	2.23	9.69	26.32	8.42		19510	18.85	15.17	3.75	40.26	64.01	18.85	83.87	11.11

Table 3

16840	8.18	7.71	8.18	10.08	2.16	5.93	22.97	8.42		19511	19.47	19.47	34.66	18.55	48.52	19.08	46.08	3.19
16841	8.42	7.01	10.56	12.66	2.46	5.62	23.41	8.42		19512	18.55	15.45	34.66	18.55	47.5	12.68	46.08	3.19
16842	10.88	10.88	13.58	14.99	4.47	7.62	22.41	8.42		19513	18.55	16.23	34.66	18.55	45.24	13.68	46.08	5.12
16843	16.48	11.59	16.72	22.35	7.53	13.52	18.81	16.48		19514	19.99	15.39	33.47	19.99	39.66	12.73	46.08	4.92
16844	12.69	11.59	22.03	10.25	12.49	32.67	12.69	18.16		19515	14.36	10.95	14.36	25.54	37.91	14.34	53.55	5.42
16845	15.35	11.59	17.05	3.05	15.35	44.14	7.72	35.26		19516	10.29	10.29	10.28	24.42	37.18	3.04	53.55	5.42
16846	8.92	7.21	31.46	1.86	15.35	15.8	5.41	8.92		19517	9.3	5.24	9.3	23.37	38.83	1.48	72.81	5.42
16847	5.02	5.02	23.64	1.39	8.22	4.41	3.15	8.92		19518	9.86	5.24	9.86	23.8	41.6	1.76	68.24	5.42
16848	6.14	6.14	26.46	1.39	8.09	2.63	4.18	8.92		19519	10.23	5.24	10.23	25.97	46.66	2.28	68.98	5.42
16849	7.21	7.21	31.53	1.47	7.21	3.23	5.89	8.92		19520	12.57	5.24	12.57	35.88	48.85	5.46	77.09	5.42
16850	6.67	6.73	32.26	2.2	6.67	3.5	4.72	8.92		19521	18.51	5.24	14.31	18.51	47.27	24.47	69.64	5.42
16851	10.13	7.21	40.08	16.48	10.13	6.82	13.36	9.97		19522	13.19	20.87	3.51	12.95	32.66	42.99	13.19	12.86
16852	16.61	7.21	39.16	28.64	14.5	23.95	16.61	10.51		19523	13.19	20.87	3.51	12.95	32.66	29.25	13.19	12.86
16853	19.47	3.13	31.83	16.91	8.3	46.95	22.81	19.47		19524	13.27	20.87	3.51	12.95	55.38	20.66	13.27	12.86
16854	19.45	4.6	42.91	17.01	9.48	60.86	22.9	19.45		19525	13.27	14.96	3.51	12.95	55.38	17.14	13.27	1.86
16855	13.77	11.68	18.08	13.77	10.76	60.49	29.79	6.59		19526	13.27	14.96	3.51	12.95	55.38	17.01	13.27	1.18
16856	13.82	9.02	14.29	13.82	6.16	49.52	29.79	6.65		19527	17.43	14.96	7.56	17.43	72.19	20.61	50.65	0.69
16857	11.46	11.46	10.94	14.58	9.03	33.75	33.76	0.67		19528	18	14.96	8.1	18	74.9	32.27	55.13	0.45
16858	10.29	10.29	9.96	14.12	8.53	25.49	52.67	0.62		19529	16.92	16.78	44.43	56.21	9.25	16.92	63.69	4.01
16859	11.12	9.99	11.12	15.77	8.78	22.21	47.86	0.59		19530	17.66	17.66	49.69	60.3	9.2	17.28	64.38	4.01
16860	14.15	11.46	12.51	18.06	14.15	23.1	46.89	0.64		19531	18.73	18.73	58.3	60.98	10.17	18.56	67.81	4.01
16861	9.78	17.96	3.27	9.78	25.21	39.45	3.8	3.19		19532	19.84	12.74	62.43	66.31	8.33	19.84	84.42	7.33
16862	8.65	17.96	5.7	8.65	16.49	38.65	1	5.86		19533	18.81	18.81	74.84	58.68	17.22	67.6	18.58	18.44
16863	6.62	17.96	6.62	6.37	16.49	34.39	0.51	5.61		19534	18.81	18.81	76.43	58.88	15.04	63.28	18.58	18.44
16864	10.14	13.04	10.14	5.2	16.49	27.43	0.44	3.46		19535	11.49	11.49	12.99	5.8	29.54	8.92	27.33	0.78
16865	6.35	8.51	6.35	3.53	16.49	21.27	0.37	3.19		19536	11.16	11.16	16.55	5.66	30.45	6.11	26.83	0.78
16866	9.28	11.89	9.28	5.96	16.49	22.92	0.36	3.88		19537	10.4	10.4	21.72	5.68	32.47	4.52	25.33	0.78
16867	11.53	11.53	13.73	7	16.49	25.74	0.44	3.98		19538	10.06	10.06	25.78	5.63	42.81	3.66	28.77	0.78

Table 3

16868	16.49	19.04	27.85	9.3	16.49	28.89	2.92	6.18		19539	14.6	13.04	34.7	14.6	56.38	7	61.51	0.78
16869	19.74	8.59	64.91	33.97	17.26	60.73	16.35	19.74		19540	16.24	0.63	75.31	42.13	13.7	16.24	82.62	10.53
16870	19.74	6.88	64.91	39.87	16.29	56.19	15.67	19.74		19541	16.83	0.32	77.51	59.79	15.85	16.83	82.62	10.53
16871	19.74	5.17	64.91	45.01	15.98	50.56	15.93	19.74		19542	15.92	5.24	36.41	7.01	32.97	15.92	48.17	12.86
16872	11.66	6.29	11.66	8.57	34.32	36.28	60.61	2.37		19543	12.86	5.24	34.9	7.65	33.01	6.35	40.33	12.86
16873	11.11	10.64	11.11	8.57	58.56	33.09	49.62	2.71		19544	9.44	5.24	38.87	7.63	33.29	4.36	33.92	9.44
16874	15.13	15.13	11.31	8.57	58.56	31.66	37.87	2.93		19545	9.44	5.24	39.31	7.96	33.17	4.93	31.75	9.44
16875	18.08	18.08	15.33	11.54	58.56	35.64	39.35	4.33		19546	14.39	5.24	39.31	14.39	37.49	6.04	32.26	9.44
16876	18.08	18.08	15.21	12.2	58.56	36.32	42.03	4.42		19547	16.5	5.24	39.31	15.23	42.9	10.29	42.07	16.5
16877	19.8	22.11	46.16	19.8	14.05	56.95	18	15.27		19548	15.67	3.31	38.78	22.83	0.02	15.67	57.19	3.19
16878	18.5	30.72	33.64	14.13	12.59	18.5	30.18	2.18		19549	8.03	2.68	38.78	23.74	0.02	8.03	54.48	3.19
16879	19.68	21.22	40.64	8.16	15.89	19.68	26.63	2.18		19550	8.4	1.55	38.78	38.74	0.02	8.4	51.89	3.19
16880	19.14	21.22	43.54	14.33	20.37	19.14	15.77	2.96		19551	10.77	2.35	38.78	40.95	0.02	10.77	83.87	3.19
16881	8.83	8.08	12.97	8.83	1.27	21.47	9.27	0.7		19552	15.08	3.31	38.78	64.75	0.02	15.08	83.87	3.19
16882	9.21	16.79	13.78	9.21	1.29	15.85	6.03	0.7		19553	19.99	15.93	75.19	19.99	63.5	49.01	16.17	14.15
16883	5.43	4.22	11.1	8.09	1.43	13.09	5.43	0.7		19554	19.99	16.81	77.85	19.99	63.06	47.17	16.17	14.7
16884	4.52	4.52	14.45	8.03	1.49	13.9	1.77	0.7		19555	19.99	16.35	78.34	19.99	70.86	43.11	16.17	14.58
16885	4.34	4.34	5.08	7.32	1.48	14.44	1.1	0.7		19556	17.73	17.73	6.21	13.3	29.51	22.41	22.59	11.11
16886	5.01	5.01	7.05	12.41	4.1	15.29	1.13	1.07		19557	13.62	13.62	6.21	12.87	29.51	14.71	35.01	11.11
16887	3.23	2.27	9.06	12.46	3.23	15.17	1.31	0.7		19558	13.33	13.62	6.21	13.33	29.51	11.09	40.3	11.11
16888	14.23	5.24	14.23	16.43	41.23	14.45	2.68	1.05		19559	13.55	13.62	6.21	13.55	29.51	10.51	40.3	11.11
16889	12.18	5.24	18.5	18.59	49.38	12.18	10.43	1.05		19560	13.62	13.62	6.21	16.21	29.51	9.78	40.3	10.55
16890	12.94	5.24	21.54	26.4	54.01	12.13	12.94	1.05		19561	13.62	13.62	6.64	21.55	29.51	10.53	40.3	11.11
16891	18.49	5.24	27.08	27.7	38.12	16.08	18.49	1.05		19562	10.79	3.49	22	7.57	10.79	33.09	1.62	27.6
16892	11.15	11.15	6.8	9.1	17.42	12.71	27.54	1.69		19563	18.63	3.9	26.2	7.16	18.63	42.91	1.21	32.82
16893	9.1	11.07	7.19	9.1	16.04	7.39	32.48	1.69		19564	18.42	23.24	23.38	7.12	53.42	18.42	0.43	15.7
16894	9.1	9.7	7.19	9.1	16.06	5.03	31.2	1.69		19565	15.61	18.17	27.12	6.93	16.79	9.85	0.43	15.61
16895	7.19	3.44	7.19	9.1	16.47	4.07	26.14	1.47		19566	12.06	17.97	16.81	10.21	16.79	6.59	1.09	12.06

Table 3

16896	7.19	3.64	7.19	9.1	28.09	4.92	19.65	1.69		19567	11.08	17.64	12.69	10.73	16.79	5.4	1.73	11.08
16897	7.72	3.61	7.19	10.98	33.71	7.72	19.97	2.67		19568	15.22	18.3	15.22	16.83	16.79	5.76	2.77	11.54
16898	10.83	3.26	7.19	10.83	15.86	24.69	42.21	2.67		19569	16.69	24.96	17.04	16.69	16.79	7.44	7.97	15.32
16899	16.52	7.76	43.44	4.16	29.03	46.81	16.52	7.69		19570	17.43	33.49	22.01	21.93	16.79	17.43	8.29	15.74
16900	4.81	2.99	36.04	0.15	0.01	31.57	4.81	7.46		19571	18.74	18.74	9.08	16.69	54.52	33.23	22	17.39
16901	4.81	2.99	42.39	0.15	0.01	28.59	4.81	7.46		19572	19.08	18.64	12.24	16.57	51.97	27.35	19.08	21.18
16902	4.81	2.99	30.8	0.15	0.01	22.31	4.81	6.77		19573	18.6	18.6	15.67	18.32	49.58	31.11	11.94	21.62
16903	4.81	2.99	39.21	0.15	0.01	21.33	4.81	6.93		19574	15.13	15.13	44.34	12.13	15.64	25.04	3.08	11.66
16904	7.46	6.64	42.69	0.15	0.01	21.75	7.46	13.99		19575	12.95	13.46	52.06	12.55	14.16	12.95	3.19	11.66
16905	12.73	10.41	43.51	0.23	0.03	29.53	12.73	15.37		19576	12.6	13.36	54.72	12.6	14.16	9.3	3.05	11.66
16906	13.72	13.72	6.32	2.58	21.41	15.55	58.85	4.9		19577	13.71	25.25	32.54	13.71	14.16	7.97	4.01	11.66
16907	6.57	13.72	1.88	2.58	21.41	6.57	35.23	1.27		19578	14.16	25.31	31.51	13.3	14.16	10.77	15.78	11.66
16908	5.36	13.72	1.88	2.58	21.41	5.36	28.83	3.19		19579	19.66	29.61	3.75	23	14.16	19.66	24.31	11.66
16909	4.1	13.72	1.88	2.58	21.41	4.1	22.54	3.19		19580	16.34	16.34	3.75	19.73	14.16	30.6	29.34	9.97
16910	4.33	8.34	1.88	2.75	21.41	4.33	18.35	3.19		19581	17.9	17.9	3.75	26.17	14.16	34.29	29.34	9.97
16911	9.48	9.48	1.88	10.98	21.41	6.3	10.82	3.19		19582	17.9	17.9	3.75	24.58	32.3	16.65	29.34	9.97
16912	9.49	9.87	2.27	10.98	21.41	9.49	7.36	4.14		19583	16.24	21.03	29.1	3.81	21.76	16.24	8.51	2.9
16913	9.97	10.9	9.97	6.44	20.96	19.75	5.57	4.94		19584	16.09	16.09	31.89	4.06	21.76	17.76	12.08	3.51
16914	8.34	8.34	9.43	3.35	19.14	15.43	5.92	3.19		19585	19.11	12.86	20.48	24.38	19.11	9.69	70.17	4.01
16915	9.48	2.46	12.56	2.38	18.32	10	9.48	3.15		19586	18.09	12.86	20.48	25.89	18.09	11.37	75.36	4.01
16916	9.64	2.55	19.23	2.23	19.96	9.64	14.19	3.26		19587	16.72	11.59	20.48	17.93	16.72	10.2	45.81	4.01
16917	9.22	2.53	24.94	1.82	25.56	9.22	17.12	3.06		19588	17.93	11.59	20.48	17.93	26.54	12.78	39.63	4.01
16918	12.46	2.73	29.76	2.58	30.65	12.46	28.31	3.21		19589	18.42	21.75	37.64	13.73	60.61	18.42	0.57	8.13
16919	16.91	3.17	34.24	3.53	43.29	16.91	30.06	6.83		19590	12.37	17.68	11.72	17.58	60.61	12.37	0.39	6.25
16920	16.95	2.46	35.16	4.51	60.8	16.95	39.5	6.22		19591	14	17.15	14	15.78	60.61	11.04	0.41	5.47
16921	15.76	12.01	60.92	15.25	20.95	15.76	49.98	7.43		19592	12.86	12.86	16.58	17.53	60.61	9.7	0.66	5.3
16922	16.85	12.5	60.92	21.4	16.84	16.85	31.94	12.9		19593	14.11	14.11	16.15	25.06	60.61	9.34	0.99	7.18
16923	19.88	13.61	69.87	24.42	19.88	17.88	37.12	19.38		19594	13.49	13.49	17.06	25.8	60.61	12.47	1.18	7.2

Table 3

16924	18.67	10.32	57.87	13.87	13.57	18.67	37.23	34.42		19595	18.62	18.62	15.67	38.49	23.92	34.6	16.14	15.02
16925	16.91	8.57	40.35	13.08	12.41	16.91	33.29	29.96		19596	17.51	9.36	4.35	20.83	23.92	17.51	25.11	11.11
16926	11.58	8.05	34.41	10.81	11.18	11.58	32.67	27.45		19597	11.11	8.95	4.09	21.17	23.92	7.51	25.11	11.11
16927	14.79	8.11	29.54	14.79	5.34	11.93	44.49	29.08		19598	11.11	9.44	4.34	21.5	23.92	7.92	25.11	11.11
16928	17.86	16.23	36.18	17.86	6.7	15.26	55.18	30.21		19599	11.11	9.26	2.53	11.76	23.92	7.44	18.72	11.11
16929	11.85	3.67	6.47	11.85	33.54	55.26	41.29	4.15		19600	12.67	16.85	3.39	12.67	23.92	11.02	25.11	11.11
16930	10.85	3.5	10.85	10.21	36.01	49.3	36.11	4.14		19601	16.48	6.51	4.54	16.48	57.77	21.96	25.11	12.41
16931	14.24	3.72	14.24	10.82	49	52.06	29.6	4.01		19602	16.61	7.09	6.56	16.61	75.22	42.65	26.41	14.79
16932	18.11	3.76	18.11	12.21	53.06	58.39	24.92	10.35		19603	17.63	25.11	38.58	8.86	75.22	17.63	1.38	4.01
16933	12.15	3.93	4.01	22.19	48.68	12.15	17.03	0.64		19604	10.77	24.13	34.88	8.95	75.22	10.77	2.79	4.01
16934	5.05	3.93	4.01	24.41	47.92	5.05	17.03	0.55		19605	16.02	27.25	37.23	16.02	75.22	10.91	15.92	4.01
16935	4.66	3.93	4.01	24.93	49.83	4.66	19.69	0.58		19606	11.59	11.59	22.4	7.49	75.22	11.36	24.38	4.01
16936	4.99	3.93	4.01	26.19	51.85	4.99	20.68	0.59		19607	18.15	11.59	27.96	9.14	75.22	18.15	37.85	5.42
16937	6.25	3.93	4.01	28.24	61.72	6.25	27.14	0.6		19608	11.59	11.59	3.17	4.91	75.22	16.24	19	5.42
16938	13.62	6.31	7.75	41.07	61.72	13.62	39.36	1.96		19609	11.59	11.59	3.97	5.05	75.22	14.34	19.14	8.42
16939	16.34	2.18	56.82	16.27	16.34	38.51	1.75	37.02		19610	10.18	11.59	4.05	5.05	59.59	10.18	24.6	8.03
16940	17.22	10.92	24.24	8.01	50.77	60.15	17.22	16.56		19611	10.28	11.59	4.86	8.71	55.82	10.28	25.42	6.58
16941	17.22	10.92	24.24	6.04	31.64	44.41	17.22	12.86		19612	11.59	11.59	5.43	9.06	52.4	14.77	25.12	8.42
16942	17.22	10.92	24.24	5.39	31.64	38.86	17.22	12.86		19613	14.77	39.78	21.49	19.9	7.82	14.77	13.99	9.97
16943	17.22	10.92	22.53	6.18	19.01	39.99	17.22	12.86		19614	19.49	42.03	22.9	19.74	7.82	11.61	19.49	9.97
16944	17.22	10.92	22.53	6.52	19.01	42.62	17.22	12.86		19615	10.72	35.84	2.18	10.72	7.82	24.16	14.95	0.84
16945	18.36	18.36	28.28	7.02	19.01	49.15	17.22	12.86		19616	12.83	35.8	2.05	10.06	17.19	12.83	35.26	0.83
16946	19.01	18.57	41.43	8.11	19.01	64.06	19.6	12.86		19617	10.4	11.76	1.93	9.94	18.3	10.4	40.31	0.78
16947	8.94	0.13	73.27	43.33	6.07	24.77	4.79	8.94		19618	9.85	10.67	2.01	9.85	18.89	8.91	40.31	0.78
16948	8.83	0.13	75.59	38.79	5.38	11.02	3.91	8.83		19619	9.75	10.52	2.27	9.75	25.23	8.71	51.52	0.78
16949	8.71	0.13	79.76	39.09	4.73	9.78	3.27	8.71		19620	12.45	12.06	3.15	16.71	32.53	12.45	58.49	1.89
16950	8.85	0.11	82.5	43.72	4.22	9.95	4.23	8.85		19621	17.1	11.79	4.48	17.1	42.82	24.77	65.53	1.92
16951	12.02	0.13	85.91	46.27	6.41	12.02	7.7	12.37		19622	18.4	29.8	0.34	18.4	10.7	53.75	82.81	7.03

Table 3

16952	8.21	8.21	4.1	14.32	7.12	29.62	0.45	14.67		19623	16.53	35.81	0.52	16.53	11.89	51.59	83.87	7.03
16953	8.21	8.21	3.12	16.73	7.12	16.24	0.43	14.67		19624	17.89	32.87	0.63	6.54	22.1	17.89	19.78	6.65
16954	8.21	8.21	4.41	16.41	7.12	11.85	0.43	14.67		19625	12.67	34.17	0.99	6.54	22.1	15.92	12.67	7.03
16955	6.54	2.99	6.54	20.52	5.53	14.96	0.44	14.67		19626	10.42	10.89	2.95	6.54	42.98	14.65	10.42	8.42
16956	7.81	2.99	7.81	20.52	5.53	17.14	0.46	14.67		19627	8.42	10.69	4.17	6.54	44.32	13.91	7.24	8.42
16957	11.72	2.99	11.72	37.46	5.53	26.74	4.88	24.53		19628	8.42	12.32	5.22	7.43	48.24	14.44	4.2	8.42
16958	14.12	2.99	14.12	33.39	5.53	40.64	5.43	20.07		19629	12.45	12.45	7.64	16.78	50.25	21.65	3.28	8.42
16959	18.76	2.99	28.6	37.96	5.53	44.37	18.35	18.76		19630	17.92	12.87	15.23	19.04	59.2	33.72	3.27	17.92
16960	11.91	1.59	40.57	11.91	1.38	15.51	15.32	9.97		19631	16.88	16.88	11.18	20.25	66.39	42.94	16.07	11.66
16961	9.53	1.59	36.45	10.98	1.18	5.75	10.5	9.53		19632	17.14	17.14	12.29	19.67	60.53	56.1	16.07	11.66
16962	8.11	1.59	20.62	10.98	1.07	2.95	8.11	8.94		19633	18.55	18.55	14.19	19.9	61.59	64.18	16.07	18.44
16963	9.23	1.48	24.11	10.98	1.12	2.97	9.23	9.54		19634	16.56	23.29	16.35	7.82	23.5	16.56	49.01	7.03
16964	10.82	1.59	28.02	10.98	2.02	3.65	19.25	10.82		19635	12.23	8.84	16.35	6.06	23.5	12.23	49.73	7.03
16965	9.61	9.61	5.09	39.1	8.34	30.48	45.74	8.42		19636	8.96	8.84	16.35	6.48	23.5	8.96	32.27	4.34
16966	9.61	9.61	8.37	39.65	9.04	21.67	42.12	8.42		19637	10.6	8.84	16.35	10.6	23.5	8.44	24.38	4.45
16967	13.59	9.61	12.46	40.18	13.59	23.57	40.5	8.42		19638	13.17	8.84	16.35	11.09	23.5	13.17	17.81	4.6
16968	13.98	2.22	13.98	5.84	65.69	14.97	29.57	6.18		19639	15.02	8.84	16.99	15.02	23.5	18.87	13.93	8.38
16969	2.22	2.22	0.02	0.49	52.08	0.44	23.35	6.18		19640	19.93	24.36	16.96	18.96	28.55	19.93	42.21	17.18
16970	2.22	2.22	0.01	0.44	38.9	0.06	17.87	6.18		19641	13.18	66.87	4.68	12.87	57.38	13.18	30.54	0.95
16971	2.22	2.22	0.01	0.7	36.21	0.04	14.66	6.18		19642	9.66	22.88	4.74	9.66	53.96	5.93	28.71	0.95
16972	2.22	2.22	0.02	0.86	34.24	0.04	9.98	6.18		19643	9.66	11.91	4.9	9.66	53.93	4.04	29.5	0.95
16973	6.78	6.78	0.04	1.62	32.7	0.06	11.96	8.92		19644	8.6	8.6	6.54	9.66	56.59	4.37	24.12	0.95
16974	5.06	7.39	0.11	3.83	38.38	0.18	5.06	8.92		19645	8.41	8.41	8.01	9.66	65.9	5.54	24.44	0.95
16975	2.71	2.71	0.21	2.97	28.91	2.42	0.31	8.82		19646	9.98	8.33	9.98	15.82	75.22	9.62	39.16	1.83
16976	7.8	2.71	7.8	5.18	27.86	8.4	0.16	9.71		19647	9.88	9.88	55.76	25.92	1.5	33.99	2.31	4.96
16977	5.93	2.71	6.33	5.18	27.75	5.93	0.08	7.02		19648	4.87	9.37	3.08	20.4	1.16	24.77	4.87	4.27
16978	6.42	2.63	7.72	5.18	19.61	6.42	0.08	6.99		19649	11.14	14	5.11	24.16	1.08	26.27	11.14	4.55
16979	6.83	2.71	11.52	5.18	23.4	6.83	0.07	10.61		19650	14.13	14.13	7.94	24.68	1.09	29.01	59.94	4.54

Table 3

16980	8.31	2.71	15.29	7.43	25.1	8.31	0.11	12.45		19651	12.33	12.33	1.2	20.69	5.49	21.3	46.55	8.92
16981	12.47	2.71	20.24	7.84	28.9	16.63	0.2	12.47		19652	12.33	12.33	1.21	20.69	5.99	12.46	46.55	8.92
16982	12.55	4.01	33.59	12.55	40.01	26.85	12.23	9.68		19653	9.62	12.33	1.72	16.1	6.67	9.62	46.55	8.92
16983	18.37	7.55	34.66	12.59	41.57	38.14	18.37	10.17		19654	9.48	12.33	2.78	25.57	7.61	9.48	46.55	8.92
16984	18.37	7.21	34.66	12.58	44.73	49.86	18.37	10.08		19655	12.56	12.33	4.43	28.62	12.56	13.5	19.98	8.92
16985	13.89	13.89	5.5	6.34	48.42	38.77	18.37	8.73		19656	19.46	19.46	7.12	39.87	20.71	27.05	16.32	18.82
16986	10.51	10.51	1.36	5.77	37.72	20.56	18.37	7.98		19657	19.89	19.89	10.05	38.15	20.71	49.58	16.32	18.91
16987	12.77	11.53	1.76	4.97	44.01	13.91	18.37	12.77		19658	18.55	12.14	10.25	37.5	51.59	44.86	12.31	18.55
16988	11.34	11.34	1.62	4.94	44.32	9.33	18.37	12.5		19659	19.4	12.14	11.03	38.72	51.59	45.85	15.11	19.4
16989	13.64	13.64	1.8	10.74	38.9	8.2	26.47	16.05		19660	16.71	12.14	2.49	37.48	51.59	37.72	16.32	16.71
16990	14.8	14.8	2.75	10.64	50.97	9.69	26.44	19.57		19661	16.05	32.48	3.1	30.25	6.36	16.05	52.77	10.84
16991	10.74	17.9	6.35	3.75	10.74	39.51	22.53	3.73		19662	11.62	31.02	4.35	30.54	6.4	11.62	52.77	10.65
16992	10.74	10.87	8.69	3.75	10.74	22.25	14.3	1.16		19663	12.41	32.18	5.41	29.55	9.23	12.41	52.77	9.92
16993	11.34	11.39	11.34	5.18	10.74	18.42	14.3	1.16		19664	18.88	45.79	8.26	31.67	16.32	18.88	52.77	10.19
16994	8.72	6.45	14.78	5.18	10.74	8.72	14.3	1.16		19665	15.05	15.05	21.81	7.77	18.46	34.24	6.01	9.76
16995	5.18	1.99	19.27	5.18	10.74	4.64	14.3	1.16		19666	14.96	14.96	20.9	8.61	18.46	25.63	5.27	9.39
16996	5.18	1.56	7.54	5.18	10.74	2.76	13.37	1.16		19667	17.12	17.12	20.04	9.58	18.46	21.75	5.3	12.72
16997	5.18	1.49	8.01	5.18	10.74	2.16	14.3	1.16		19668	17.14	17.14	20.73	13	18.46	20.96	4.75	15.88
16998	11.51	1.79	11.68	11.51	23.01	2.96	14.3	1.16		19669	19.26	18.39	26.21	32.66	18.46	27.88	4.34	19.26
16999	11.51	3.57	16.58	11.51	52.66	5.54	23.82	4.54		19670	14.36	11.37	6.43	24.81	65.18	14.36	43.43	9.97
17000	11.51	6.21	22.87	11.51	64.5	13.38	6.76	4.69		19671	6.85	6.85	1.06	14.61	9.87	4.29	26.82	4.34
17001	15.2	2.95	60.92	17.89	22.43	15.2	2.5	2.56		19672	5.2	5.2	0.85	13.84	8.94	2.05	21.29	4.17
17002	6.52	2.95	60.92	6.52	22.43	7.49	1.88	2.03		19673	8.15	8.15	0.83	13.49	8.34	1.62	21.11	3.43
17003	4.09	2.95	57.18	6	22.43	4.09	2.71	1.86		19674	9.12	13.42	1.24	15.82	9.12	2.69	22.93	4.14
17004	5	2.95	53.12	6.11	22.43	5	2.82	1.91		19675	9.61	9.61	1.69	16.08	17.46	6.57	23.52	4.34
17005	6.08	2.95	53.12	6.08	22.43	5.52	15.5	0.7		19676	14.96	2.19	9.49	23.34	33.88	28.91	8.32	14.96
17006	10.28	2.95	53.03	7.94	22.43	10.28	32.11	0.84		19677	19.23	2.19	12.64	23.81	32.24	28.21	8.32	19.23
17007	9.39	2.66	44.78	17.93	9.39	14.73	6.5	7.95		19678	18.88	2.19	15.16	23.55	32.14	25.49	8.32	18.88

Table 3

17008	7.95	2.66	46.18	18.91	8.13	7.06	7.23	7.95		19679	18.42	2.41	24.44	19.07	18.42	12.05	23.87	13.69
17009	7.95	1.88	46.91	18.86	7.12	5.25	8.37	7.95		19680	15.77	2.41	23.77	18.68	15.77	6.78	23.87	13.3
17010	17.98	1.3	27.96	17.98	5.83	4.97	19.97	19.73		19681	17.34	17.34	0.9	21.09	6.53	30.28	44.28	13.66
17011	19.73	1.9	30.8	19.77	9.24	4.56	27.95	19.73		19682	19.31	41.63	1.31	26	7.08	19.31	46.35	13.66
17012	19.73	2.66	26.38	34.48	17.04	11.19	28.68	19.73		19683	16.1	41.07	2.05	26	7.92	16.1	47.69	13.66
17013	15.22	25.87	1.02	23.39	24.47	15.22	6.43	14.65		19684	15.18	39.79	3.23	25.4	9.17	15.18	37.43	13.66
17014	13.94	18.57	0.74	22.08	24.47	9.49	5.53	13.94		19685	18.86	52.94	4.63	25.4	14.81	18.86	37.43	13.66
17015	14.15	15.11	1.12	22.24	24.47	7.25	4.04	14.15		19686	19.29	6.18	19.29	38.37	31.73	16.37	52.89	7.38
17016	6.83	14.24	0.61	6.83	24.47	6.12	3.26	7.63		19687	19.29	6.18	19.29	46	30	14.08	52.89	7.36
17017	6.57	14.24	0.74	6.57	24.47	5.12	3.72	6.94		19688	19.29	6.18	19.29	44.81	26.65	12.31	52.47	7.33
17018	7.51	14.24	1.06	6.95	19.43	8.38	4.23	7.51		19689	19.29	6.18	19.29	47.11	42.33	14.72	52.89	9.35
17019	9.54	14.24	2.75	8.86	19.43	12.95	4.8	9.54		19690	16.02	16.02	31.67	7.47	23.21	19.98	6.61	5.42
17020	14.1	14.24	3.29	8.18	19.43	14.65	4.34	14.1		19691	10.93	10.93	18.73	7.47	23.21	11.04	7.78	5.42
17021	14.24	14.24	5.22	12.56	19.43	20.38	5.08	19.73		19692	8.6	10.85	21.68	7.47	23.21	8.6	8.02	5.42
17022	11.07	12.33	5.34	12.68	19.43	11.07	4.54	4.34		19693	9.87	10.76	24.1	7.47	23.21	8.71	9.87	5.42
17023	5.01	8.54	16.25	12.39	4.08	4.3	5.01	4.34		19694	12.88	12.88	28.4	9.9	23.21	12.45	21.2	6.15
17024	4.34	4.08	17.42	11.89	4.1	3.36	5.5	4.34		19695	10.19	17.13	34.34	10.19	3.23	26.58	8.74	5.82
17025	4.34	3.4	20.88	12.33	4.18	3.32	21.5	4.34		19696	11.16	8.84	16.65	16.68	1.91	29.52	0.69	11.16
17026	5.59	5.59	20.88	13.86	4.39	5.49	22.38	4.34		19697	14.56	8.84	15.68	14.56	2.47	20.31	0.77	16.57
17027	8.85	8.6	39.87	15.89	6.9	8.41	25.14	8.85		19698	14.41	8.84	19.07	14.41	2.51	18.4	0.99	16.88
17028	2.22	6.78	0.03	0.51	10.32	2.22	9	0.72		19699	19.59	8.84	23.29	17.85	33.49	21.26	1.28	19.59
17029	0.63	16.08	0.02	0.51	14.03	0.63	7.15	0.48		19700	19.99	6.07	23.7	16.91	36.53	24.97	1.77	19.99
17030	0.51	4.77	0.02	0.51	8.4	0.18	5.17	0.34		19701	11.11	3.26	6.07	20.83	45.76	33.89	5.31	11.11
17031	0.51	3.47	0.02	0.51	8.53	0.09	4.33	0.23		19702	9.79	3.26	5.79	9.79	45.76	18.57	5.08	11.11
17032	0.51	3.46	0.02	0.51	5.22	0.12	4.12	0.42		19703	9.62	3.26	5.91	9.62	45.76	12.2	4.93	11.11
17033	1.45	3.29	0.11	1.45	5.22	0.23	3.3	0.63		19704	11.11	3.26	7.47	10.58	68.69	14.49	14.19	11.11
17034	2.2	3.24	0.11	1.66	5.22	2.2	2.74	1.15		19705	11.11	3.26	10.71	10.7	60.78	18.32	20.01	11.11
17035	6.29	4.01	11.05	8.59	5.22	11.02	6.29	3.19		19706	15.39	3.26	15.16	13.25	60.78	31.26	48.13	15.39

Table 3

17036	6.4	4.01	15.57	7.79	5.22	21.61	6.4	4.15		19707	12.25	12.25	9.57	12.89	39.99	12.22	36.77	10.17
17037	6.49	0.99	48.32	6.55	5.22	27.07	6.49	4.28		19708	11.77	7.7	11.77	12.56	39.99	5.64	18.53	10.06
17038	6.77	0.95	13.2	6.77	5.22	18.26	8.44	5.87		19709	10.27	7.67	15.81	12.89	39.99	4.35	10.27	10.02
17039	8.56	0.87	10.01	7.16	14.1	8.56	10.94	5.86		19710	11.21	8.16	16.7	22.45	39.99	4.93	8.66	11.21
17040	7.32	0.94	7.32	7.45	12.39	5.36	16.08	5.5		19711	11.38	8.19	16.7	19.41	39.99	6.95	7.98	11.38
17041	5.44	0.71	4.67	7.18	16.93	4.19	39.82	5.44		19712	8.97	8.97	18.09	7.88	47.81	10.28	8.81	4.62
17042	7.18	1.53	7.18	9.79	18.54	5.68	47.07	5.71		19713	8.33	4.01	19.16	8.28	47.81	11.53	8.33	2.24
17043	12.21	1.45	9.77	17.95	18.81	8.77	31.25	12.21		19714	7.57	4.01	26.2	8.01	60.71	7.57	7.17	2.24
17044	16.18	1.77	14.49	21.97	18.79	16.18	31.25	12.41		19715	8.96	8.96	25.52	7.8	60.71	4.46	12.35	2.24
17045	7.46	11.56	5.02	1.14	0.05	16.49	18.64	7.46		19716	8.75	7.08	30.61	8.75	60.71	5.74	21.44	2.24
17046	7.46	11.56	4.28	1.13	0.05	8.1	18.64	7.46		19717	19.2	10.64	32.93	19.2	60.71	7.72	27.67	2.24
17047	5.02	8.21	5.02	1.29	0.04	4.53	18.64	7.46		19718	17.56	0.26	5.81	17.56	6.49	24.55	34.51	20.38
17048	3.46	8.21	5.02	1.31	0.04	3.46	18.64	2.68		19719	18	0.53	6.71	18	5.81	21.62	38.98	20.38
17049	3.52	8.21	5.02	1.83	0.05	3.52	18.64	2.68		19720	19.89	8.98	22.87	19.89	52.12	27.84	11.07	3.19
17050	5.02	16.23	5.02	3.29	0.38	5.09	18.64	4.22		19721	11.58	8.98	23.09	21.75	58.02	11.58	11.07	3.19
17051	7.61	17.92	5.02	7.61	0.42	10.72	18.64	4.62		19722	14.77	8.98	24.09	24.16	49.91	8	14.77	3.19
17052	19.14	14.18	19.14	31.41	16.35	22.68	39.15	12.08		19723	18.7	8.98	20.73	25.1	47.17	5.68	18.7	3.19
17053	16.35	9.24	21.52	15.77	16.35	43.58	32.28	11.91		19724	11.53	7.76	52.15	6.08	11.53	67.43	24.2	9.44
17054	17.06	21.07	17.06	10.43	5.25	43.66	32.28	7.8		19725	11.43	7.76	53.89	4.25	11.43	57.31	30.61	9.44
17055	16.57	6.18	46.12	27.55	26.1	13.88	2.88	16.57		19726	12.5	7.76	61.35	4.39	12.5	57.79	34.54	9.44
17056	16.57	6.18	55.5	28.33	25.78	15.15	3.01	16.57		19727	14.21	7.76	66.64	4.55	14.21	59.11	34.54	9.44
17057	16.57	6.18	45.04	18.29	27.14	15.87	12.9	16.57		19728	18.99	7.76	71.8	4.75	18.99	64.97	34.54	9.44
17058	16.62	14.41	37.73	8.33	41.52	67.43	16.62	9.61		19729	18.78	2.71	15.77	18.78	28.57	51.78	41.08	15.26
17059	14.41	14.41	37.73	9.14	44.81	71.22	12.41	13.82		19730	19.08	2.71	19.08	16.59	55.23	42.4	32.05	15.26
17060	14.65	10.25	37.73	8.91	48.41	74.01	11.86	14.65		19731	19.6	1.26	21.28	8.54	74.23	21.86	19.6	5.05
17061	16.95	3	37.73	9.46	17.48	64.25	11.88	16.95		19732	15.2	3.02	23.41	3.39	63.03	15.2	19.33	5.05
17062	16.77	3.18	37.73	9.37	18.34	59.98	10.99	16.77		19733	14.45	6.61	35.76	3.39	63.03	14.45	24.14	5.05
17063	10.08	3.13	37.73	9.02	19.09	40.88	10.08	1.69		19734	15.97	10.25	39.48	3.39	63.03	15.97	24.14	5.05

Table 3

17064	9.55	2.97	9.55	9.52	17.74	25.5	10.19	1.69		19735	15.91	5.87	5.81	15.12	68.06	24.02	26.74	15.91
17065	8.26	2.8	4.59	8.26	18.53	15.83	17.56	1.69		19736	14.94	5.85	5.48	14.94	60.82	9.88	21.62	15.91
17066	8.49	5.55	6.83	8.49	18.53	15.74	17.56	1.69		19737	15.91	6.07	6.75	19.06	60.82	9.21	22.1	15.91
17067	13.64	5.9	11.3	13.64	18.53	21.6	19.98	1.69		19738	15.91	7.55	7.28	20.75	60.82	9.37	26.86	15.91
17068	13.96	9.47	13.96	13.64	18.53	27.42	25.16	3.72		19739	15.91	9.08	8.81	24.77	60.82	12.95	38.16	15.91
17069	14.01	9.47	14.01	13.64	18.53	42.81	31.53	3.89		19740	18.55	12.2	1.48	32.2	68	16.4	27.72	18.55
17070	18.06	10.77	14.01	20.32	18.53	54.46	18.06	10.99		19741	18.53	12.2	2.41	32.33	64.67	14.76	24.84	18.53
17071	15.04	26.07	4.59	15.04	31.77	36.77	10.5	5.42		19742	18.55	11.97	4.01	32.47	62.58	14.94	23.85	18.55
17072	19.74	26.07	4.17	15.04	22.56	19.74	28.87	5.42		19743	17.72	6.8	54.13	34.2	36.47	17.72	17.59	1.34
17073	13.04	13.04	5.3	7.41	25.06	16.94	54.77	5.42		19744	13.26	6.62	10.5	31.67	23.73	13.26	83.87	4.46
17074	10.87	10.87	3.86	7.41	24.76	12.83	50.46	5.42		19745	10.5	6.62	10.5	32.26	22.77	7.08	83.87	4.61
17075	10.87	10.87	5.45	7.41	24.52	13.59	51.36	5.42		19746	10.5	6.62	10.5	34.16	20.19	3.57	82.01	5.04
17076	12.56	10.87	8.16	12.56	31.22	18.47	53.24	5.42		19747	10.5	6.62	10.5	36.5	20.43	3.98	80.68	6.8
17077	14.3	10.87	11.03	14.3	36.24	28.93	54.81	5.42		19748	10.5	6.62	10.5	22.46	26.1	4.99	65.41	6.96
17078	13.19	0.57	4.56	13.19	38.3	37.46	23.83	10.36		19749	17.63	12.59	15.16	27.08	32.76	9.69	60.45	17.63
17079	13.47	0.47	4.56	13.47	37.5	37.56	23.83	11.25		19750	8.67	4.92	27.37	4.06	32.86	60.23	8.67	2.32
17080	12.43	0.34	4.56	12.43	45.77	34.09	23.83	6.71		19751	8.67	5.22	27.37	4.19	35.15	54.25	8.67	2.44
17081	12.29	0.35	4.56	12.29	52.73	35.23	19.74	6.87		19752	8.67	4.76	27.37	4.3	38.81	52.15	8.67	2.53
17082	5.86	0.92	4.56	5.29	59.09	35.18	15.13	5.86		19753	8.67	4.74	50.47	0.92	52.35	36.66	8.67	2.48
17083	5.34	2.37	4.56	4.57	44.96	27.43	15.77	5.34		19754	8.67	5.26	50.47	1.15	63.55	34.38	8.67	2.69
17084	6.99	5.38	6.99	2.38	27.34	15.98	18.6	5.79		19755	9.68	9.68	50.47	1.35	69.87	38.08	8.67	6.74
17085	14.44	9.47	18.76	3.7	27.34	14.44	22.86	11.66		19756	10.33	10.33	68.64	1.55	74.68	42.42	8.67	6.9
17086	15.62	9.47	22.39	3.7	27.34	15.62	19.85	11.66		19757	13.65	5.11	25.59	23.54	6.8	13.65	25.68	1.4
17087	17.74	9.47	27.26	3.98	27.34	17.74	16.46	26.1		19758	7.29	7.29	22.31	20.6	6.67	6.08	25.94	1.04
17088	19.74	8.98	29.67	19.74	46.06	44.44	19.74	6.03		19759	7.26	7.26	9.25	19.82	6.8	4.07	53.19	0.72
17089	16.99	10.22	6.79	35.55	16.99	45.02	34.59	11.38		19760	6.07	3.29	11.57	6.07	6.8	2.53	37.2	0.57
17090	19.11	10.22	6.79	39.74	16.99	49.85	41.39	19.11		19761	3.29	3.29	6.86	6.07	0.68	1.97	34.73	1
17091	16.99	10.4	6.79	16.02	16.99	56.08	41.6	20.5		19762	3.67	3.67	7.19	5.76	1.71	1.88	27.09	1.4

Table 3

17092	19.06	10.87	22.83	7.34	42.57	62.32	19.06	12.04		19763	3.67	3.67	7.19	5.8	1.72	2.97	17.44	1.4
17093	19.06	10.87	29.01	7.51	45.73	64.5	19.06	9.97		19764	4.59	1.34	7.19	8.54	2.03	4.5	4.59	9.28
17094	10.87	10.87	11.58	6.72	32.02	58.82	6.81	9.97		19765	5.05	5.05	7.19	8.99	2.34	4.1	3.56	9.12
17095	9.97	9.47	15.48	8.16	32.02	57.13	4.99	9.97		19766	5.06	5.06	6.79	1.93	2.29	5.21	2.72	5.24
17096	12.74	9.47	20.55	9.24	32.02	47.78	4.8	12.74		19767	5.02	22.13	7.19	0.99	2.4	9.2	3.31	5.02
17097	15.97	4.1	27.06	15.97	32.02	38.89	5.23	11.11		19768	9.66	22.11	17.89	1.02	12.33	9.66	4.42	5.23
17098	17.4	9.77	35.12	17.4	32.02	35.31	7.74	15.5		19769	6.44	0.59	22.82	0.99	12.33	8.1	6.44	3.4
17099	19.3	14.38	39.51	19.3	50.54	18.23	47.25	4.21		19770	8.48	0.59	12.76	1.02	53.57	8.48	10.65	3.15
17100	9.3	7.43	9.3	25.08	7.33	24.77	58.14	5.39		19771	12.07	0.98	12.76	2.34	56.18	12.07	25.51	5.79
17101	10.05	6.42	10.05	25.29	7.33	17.94	54.75	5.29		19772	12.76	0.98	12.76	4.98	56.18	18.6	39.55	5.79
17102	9.58	5.69	9.58	25.34	7.33	15.11	51.11	5.14		19773	12.76	3.31	12.76	10.52	56.18	26.26	40.62	5.79
17103	10.51	5.69	10.51	30.63	7.33	18.13	55.42	6.9		19774	18.17	16.15	18.17	11.51	56.01	47.4	61.7	8.42
17104	17.94	5.69	14.86	37.14	17.94	26.61	59.24	10		19775	16.97	15.31	16.97	10.98	56.01	42.36	61.35	8.42
17105	14.81	3.26	14.81	7.67	5.87	19.22	37.59	22.78		19776	17.32	17.32	14.64	10.98	35.21	42.54	67.42	12.86
17106	7.51	3.12	16.9	7.51	5.52	6.95	34.88	17.8		19777	17.34	17.32	17.34	12.2	36.62	46.76	71.34	12.86
17107	7.65	2.72	22.46	7.65	5.72	5.61	30.6	17.8		19778	16.67	0.53	68.55	42.71	8.03	16.67	35.85	2.05
17108	17.29	2.1	25.36	17.29	5.62	4.52	31.89	17.8		19779	17.34	0.53	71.42	43.4	7.51	17.34	34.44	2.04
17109	17.8	3.26	29.24	17.83	10.49	6.7	47.29	17.8		19780	18.35	10.92	53.53	18.35	18.67	56.19	18.08	17.74
17110	18.21	3.26	29.24	40.01	18.21	13.09	29.64	17.8		19781	18.2	10.92	57.05	18.2	18.67	51.3	18.08	14.67
17111	9.44	3.26	19.82	9.08	25.17	24.63	6.39	9.44		19782	18.26	10.92	61.71	18.26	18.67	55.59	18.08	14.76
17112	12.91	12.91	22.55	8.93	27.8	23.16	6.38	9.44		19783	18.71	10.92	58.83	26.64	18.67	61.82	18.22	18.71
17113	3.7	4.01	1.38	5.91	27.8	2.42	3.7	3.19		19784	18.52	10.92	33.69	7.1	18.52	60.33	19.02	16.83
17114	3.46	4.01	0.76	3.63	27.8	0.37	3.46	3.19		19785	18.02	14.98	23.16	6.54	16.48	53.36	24.34	18.02
17115	3.4	4.01	0.81	3.68	27.8	0.21	3.4	3.19		19786	15.8	11.71	23.07	6.15	7.87	43.27	31.18	15.8
17116	3.61	4.54	0.56	4.93	27.8	0.21	3.61	3.01		19787	17.32	17.32	32.05	6.18	8.26	40.05	35.76	15.85
17117	4.56	4.56	0.81	7.38	55.91	0.54	11.42	3.19		19788	19.73	17.32	33.53	6.87	9.52	38.74	47.51	19.73
17118	13.95	16.28	1.54	21.29	55.91	2.43	13.95	3.19		19789	18.87	5.79	42.67	48.7	18.64	61.26	18.87	12.38
17119	14.66	16.62	2.6	6.08	74.11	21.33	14.66	3.19		19790	18.64	4.41	42.67	29.69	18.64	61.58	13.12	12.24

Table 3

17120	18.92	14.35	38.44	4.41	66.01	25.38	18.92	17.17		19791	18.64	4.46	47.17	29.94	18.64	59.99	10.59	12.33
17121	17.77	15.11	44.15	4.57	66.01	22.11	16.91	17.77		19792	13.09	3.67	47.38	9.15	20.84	37.41	13.09	3.89
17122	18.65	12.26	24.88	4.94	66.01	16.83	19.27	18.65		19793	18.39	3.67	52.62	9.32	19.87	25.64	18.39	3.68
17123	16.72	10.1	16.72	7.71	50.01	14.21	23.2	25		19794	19.52	3.67	59.91	10.16	19.52	20.57	31.38	8.92
17124	18.01	11.61	18.01	8.76	41.9	15.22	30.6	33.03		19795	15.12	7.72	12.29	13.33	38.29	51.36	69.29	15.12
17125	10.51	27.22	1.1	6.79	10.51	41.51	31.81	9.44		19796	15.2	7.72	14.35	13.61	35.51	46.78	69.29	15.2
17126	11.33	27.22	1.54	5.39	11.33	32.67	30.72	9.44		19797	16.22	7.72	16.22	7.55	17.16	32.74	69.29	2.06
17127	5.11	4.67	2.32	5.11	2.22	20.2	30.72	6.18		19798	15.4	20.11	15.14	5.5	15.4	20.9	69.29	9.44
17128	6.18	3.39	2.72	6.43	1.86	10.36	8.88	6.18		19799	17.58	22.22	17.58	5.38	17.06	22.62	82.26	9.44
17129	6.18	2.62	2.57	6.88	1.58	7.44	8.43	6.18		19800	19.84	22.22	9.11	4.85	16.83	19.84	81.14	25.57
17130	6.18	2.74	4.54	21.82	1.53	8.85	7.92	6.18		19801	19.32	17.06	19.32	13.64	63	52.36	40.45	13.66
17131	6.18	4.67	6.61	25.57	2.68	12.83	4.86	6.18		19802	18.78	8.75	17.18	44.57	6.71	48.5	18.78	26.89
17132	7.59	4.67	25.57	25.42	4.74	19.32	3.47	7.59		19803	19.64	7.45	19.62	43.08	6.71	62.8	20.72	19.64
17133	6.18	4.67	27.85	18.97	6	30.09	1.77	6.18		19804	18.44	13.22	73.47	5.18	5.9	71.16	23.62	18.44
17134	17.55	15.89	33.56	17.55	58.9	33.97	1.48	8.92		19805	17.25	17.18	35.35	5.18	9.44	53.11	22.95	17.25
17135	17.68	15.89	39.86	17.68	66.43	32.41	4.5	8.92		19806	13.92	1.14	43.76	5.18	2.64	30.34	22.19	13.92
17136	15.89	15.89	0.34	19.6	74	22.13	8.3	8.92		19807	13.57	1.14	46.85	5.18	2.17	24.6	13.57	15.78
17137	13.62	15.89	0.29	16.61	37.47	13.62	8.8	8.92		19808	13.98	1.14	50.14	13.98	1.83	21.3	9.53	17.01
17138	14.3	14.3	0.4	21.08	35.57	11.65	8.51	16.57		19809	14.15	1.14	52.97	14.15	1.62	18.88	7.75	18.27
17139	10.38	9.75	0.56	23.91	32.16	10.38	8.4	16.57		19810	6.37	1.14	36.71	9.19	2.29	7.29	6.37	2.68
17140	17.12	10.08	1.02	26.62	31.89	13.67	21.2	17.12		19811	4.09	1.14	36.71	9.26	3.3	4.09	6.11	2.68
17141	19.25	41.19	19.25	14.58	7.65	55.73	35	17.18		19812	4.06	1.06	36.71	9.26	4.06	3.58	5.86	2.68
17142	17.18	36.08	14.92	14.6	6.96	44.57	23.9	17.18		19813	6.07	10.21	36.71	8.86	4.07	2.79	6.07	2.68
17143	17.18	38.24	16.26	13.64	7.73	42.43	23.9	17.18		19814	9.39	10.27	36.71	9.39	6.72	4.74	40.72	2.68
17144	17.18	37.57	7.39	11.81	6.24	35.93	24.41	17.18		19815	14.57	14.57	36.71	24.13	11.17	8.47	65.14	2.68
17145	17.18	38.85	3.33	14.08	3.4	28.99	23.9	17.18		19816	18.11	6.18	16.16	22.23	28.29	18.11	48.82	12.84
17146	18.59	21.22	4.48	15.19	0.53	27.04	23.9	18.59		19817	19.37	6.18	22.92	19.37	28.29	13.27	59.07	12.84
17147	7.38	0.07	7.38	9.82	0.31	23.12	15.33	5.79		19818	10.25	8.98	18.31	10.25	3.28	7.49	53.66	12.84

Table 3

17148	9.48	0.07	9.7	9.48	0.35	13.28	14.38	5.79		19819	9.36	8.98	23.28	9.36	3.61	8.56	46.66	12.84
17149	9.43	0.07	13.54	9.43	0.44	10.43	15.28	5.79		19820	9.58	8.98	25.4	7.91	3.77	9.58	39.26	12.84
17150	9.96	0.07	18.67	9.96	0.57	10.19	16.86	5.79		19821	14.26	8.98	30.63	8.9	4.38	14.26	46.19	15.2
17151	10.5	0.07	24.94	10.5	1.12	13.09	30.77	5.79		19822	14.15	8.98	35.27	10.47	7.1	27.19	48.72	14.15
17152	13.2	0.1	40.06	13.2	2.08	20.32	28.53	9.31		19823	11.78	27.33	11.06	9.6	62.5	42.81	11.78	10.36
17153	16.73	0.1	46.12	16.73	3.64	39.26	24.18	8.91		19824	14.37	27.54	14.37	9.85	49.96	44.63	12.3	10.57
17154	18.16	10.1	18.16	13.85	24.68	26.53	19.81	9.97		19825	19.3	40.46	13.62	14.19	48.02	43.61	9.72	19.3
17155	12.87	9.44	14.78	12.87	20.68	8.63	15.57	9.97		19826	19.77	36.66	17.6	14.87	44.28	48.14	8.42	19.77
17156	12.95	9.07	18.01	12.87	20.29	6.3	12.95	15.9		19827	20	9.56	34.61	24.92	20	16.39	37.19	12.84
17157	12.87	8.71	14.13	12.87	18.97	3.82	10.05	15.9		19828	15.82	25.83	15.82	17.93	12.76	5.38	29.93	2.01
17158	12.87	9.38	17.49	12.87	26.46	4.12	9.46	15.9		19829	16.91	40.72	16.91	19.69	11.95	1.93	32.35	1.99
17159	17.58	17.58	20.76	12.87	40.06	7	29.13	15.9		19830	11.43	9.61	17.77	22.58	11.43	0.97	26.46	1.88
17160	9.17	6.83	6.66	9.17	12.1	39.51	5.43	10.29		19831	11.23	9.61	19.8	22.77	11.23	0.92	28.12	1.69
17161	9.17	6.42	8.42	9.17	16.17	29.32	5.19	16.41		19832	18.65	9.61	24.58	24.41	18.65	1.33	22.96	1.93
17162	11.19	6.02	11.62	9.17	49.91	22.74	4.77	11.19		19833	18.73	9.61	29.82	43.96	31.82	4.09	18.73	3.49
17163	13.6	9.83	15.14	9.17	52.81	21.01	4.77	13.6		19834	19.29	15.89	18.53	26	29.57	19.29	42.64	12.23
17164	14.3	14.3	20.98	9.17	54.56	20.44	4.86	13		19835	10.25	10.25	9.41	16.26	2.24	19.8	34.86	4.74
17165	15.15	15.15	25.12	14.4	55.56	21.56	10.94	14.37		19836	11.55	10.25	11.55	18.65	2.08	18.56	33.46	6.78
17166	15.15	15.15	29.1	14.23	65.32	26.53	10.81	11.25		19837	15.27	10.25	15.27	19.13	2.02	21.33	26.13	6.77
17167	19.54	7.21	19.54	7.39	53.61	11.95	38.93	19.98		19838	19.5	10.25	20.77	19.5	2.14	22.77	20.76	8.16
17168	12.45	7.21	6.18	11.61	59.68	12.45	38.93	27.32		19839	19.23	10.25	26.08	21.21	3.69	25.88	19.23	8.43
17169	11.27	15.89	11.27	10.25	46.07	17.72	4.67	10.34		19840	19.54	12.36	25.03	19.54	6.17	31.79	30.06	19.41
17170	10.25	15.89	14.28	10.25	46.07	8.41	4.27	7.2		19841	19.56	9.07	19.56	22.78	31.41	34.53	13.47	7.95
17171	5.82	6.07	5.13	8.35	23.66	3.12	3.15	5.82		19842	18.89	9	21.36	18.89	36.06	29.17	16.74	7.87
17172	6.59	6.07	8.63	8.71	24.81	2.42	3.52	6.59		19843	14.07	9.06	27.7	8.96	51.21	30.84	14.07	8.01
17173	9.49	6.07	11.53	9.17	25.31	2.28	9.63	9.49		19844	17.27	17.27	14.74	20.45	3.68	38.55	34.01	1.57
17174	12.87	6.07	17.41	12.87	27.27	3.88	21.52	12.23		19845	17.9	17.9	15.53	21.87	3.23	23.36	32.68	1.56
17175	18.89	6.07	21.82	18.89	27.27	7.5	29.83	12.23		19846	18.41	18.41	17.63	24.83	2.93	23.93	36.44	1.64

Table 3

17176	18.5	11.95	73.99	18.5	73.26	47.73	14.75	7.34		19847	19.72	17.9	19.72	36.73	2.55	20.9	36.44	1.56
17177	5.29	0.41	58.87	5.29	6.24	4.72	11.83	1.87		19848	18.26	18.26	13.38	21	4.37	26.22	37.08	1.62
17178	2.3	0.41	3.45	2.3	5.41	0.83	7.77	1.87		19849	19.27	47.33	18.1	19.27	7.39	33.56	43.64	4.81
17179	1.87	0.07	1.78	2.11	4.79	0.27	4.74	1.87		19850	11.66	1.38	9.96	21.07	54.82	4.52	35.23	11.66
17180	2.03	0.03	2.03	2.05	5.06	0.12	3.14	1.87		19851	11.66	1.38	10.42	21.4	54.82	2.83	35.23	11.66
17181	2.03	0.03	2.03	2.19	8.58	0.14	11.41	1.87		19852	11.66	1.38	10.74	22.49	54.82	3.31	35.23	11.66
17182	2.03	0.04	2.03	3.51	13.14	0.37	20.66	1.87		19853	13.12	1.38	13.12	14.14	35.65	4.05	35.23	11.66
17183	6.18	0.11	2.03	7.55	19.83	1.96	16.99	6.18		19854	15.36	1.49	20.42	14.65	35.65	6.12	16.77	15.36
17184	9.98	2.12	2.21	9.98	33.65	11.18	7	16.42		19855	14.55	4.52	22.5	14.55	35.65	11.27	19.29	14.24
17185	10.62	5.29	2.82	16.16	10.62	27.91	7	21.37		19856	19.8	5.91	63.5	14.61	35.65	32.82	19.71	19.8
17186	17.72	18.05	23.56	11.19	10.62	35.41	9.68	17.72		19857	16.47	2.41	3.55	28.21	16.47	43.17	66.33	2.92
17187	10.62	20.69	20.48	1.75	10.62	21.86	5.98	3.25		19858	16.45	2.41	5	27.48	16.45	25.83	56.56	2.94
17188	10.62	41.47	20.48	1.79	10.62	17.18	8.7	3.23		19859	15.23	2.41	5.58	27.8	15.23	17.31	50.55	2.92
17189	7.74	4.37	22.11	1.52	10.62	9.27	7.74	3		19860	14.97	2.41	7.21	36.5	14.97	15.71	45.14	2.92
17190	4.69	4.37	22.11	1.05	10.62	4.69	7.84	2.35		19861	18.62	18.62	17.9	36.05	1.55	23.53	44.35	16.56
17191	2.2	4.37	0.98	0.94	10.62	2.2	11.91	1.4		19862	16.56	18.62	12	28.93	1.34	14.08	75.93	16.56
17192	1.88	4.37	0.93	1	12.51	1.08	12.93	1.88		19863	16.56	18.62	14.65	28.58	1.36	11.04	79.48	16.56
17193	1.79	4.37	0.79	1.04	13.96	0.81	15.11	1.79		19864	16.56	18.62	16	28.41	2.56	14.96	62.78	16.56
17194	4.37	4.37	0.8	1.68	16	0.91	19.83	8.92		19865	19.11	51.21	0.79	19.11	9.64	21.55	56.65	1.4
17195	4.37	4.37	0.99	2.79	21.98	1.75	17.46	8.92		19866	8.98	8.98	0.81	14.02	9.64	5.24	56.65	1.4
17196	8.92	4.37	1.75	12.3	30.13	3.6	19.29	8.92		19867	8.98	8.98	1.29	16.57	17.66	2.43	36.35	1.4
17197	3.93	1.75	2.81	6.61	19.36	8.68	2.43	3.93		19868	8.98	8.98	1.95	16.6	18.45	1.88	36.35	1.4
17198	12.5	1.75	13.7	12.5	19.36	14.96	0.98	7.17		19869	8.98	8.98	2.46	18.79	19.42	1.86	36.35	1.79
17199	13.01	1.75	15.68	13.01	19.36	23.67	0.99	7.12		19870	8.98	8.98	2.46	22.33	28.51	3.22	16.47	1.85
17200	11.44	4.61	15.35	11.44	19.36	24.6	0.91	6.61		19871	12.2	12.2	3.45	36.61	38.43	8.47	16.9	11.73
17201	10.79	4.51	26.24	10.79	19.36	14.91	0.91	1.99		19872	19.47	34.99	5.11	34.99	60.94	16.71	15.46	19.47
17202	11.68	5.42	28.71	14.68	19.36	11.68	1.43	2.09		19873	17.18	12.47	17.18	31.89	48.09	36.37	10.93	5.32
17203	10	5.42	32.16	16.43	19.36	10	2.4	1.99		19874	18.85	10.17	54.72	32.84	48.09	18.85	9.45	5.68

Table 3

17204	10.03	5.82	39.51	19.73	73.79	10.03	5.88	5.05		19875	14.96	9.63	56.29	35.51	48.09	14.96	6.94	5.44
17205	5.79	5.79	3.06	3.43	75.22	10.51	9.35	5.05		19876	18.42	9.57	56.29	47.72	48.09	18.42	9.2	5.66
17206	8.83	10.81	3.93	4.75	62.74	8.83	20.86	7.95		19877	17.38	37.64	4.47	17.38	54.82	39.56	15.73	15.76
17207	10.53	18.67	4.85	4.75	53.09	9.37	18.75	10.53		19878	14.87	14.87	3.12	9.08	43.03	18.97	15.73	5.79
17208	10.07	5.51	10.07	4.75	52.34	12.58	16.75	8.92		19879	15.62	15.62	3.97	9.3	43.34	15.67	15.73	5.79
17209	15.51	8.19	15.51	4.75	49.09	15.88	15.71	8.92		19880	9.08	8.04	4.14	9.08	41.7	11.13	15.73	5.79
17210	15.89	10.99	20.99	7.76	52.89	25.91	15.89	11.24		19881	9.21	7.95	5.23	9.21	42.49	9.59	15.73	5.79
17211	19.44	6.93	26.22	4.75	58.07	41.35	19.44	0.74		19882	12.24	8.05	6.91	12.8	55.8	12.24	15.73	5.79
17212	17.49	7.15	55.8	1.06	70.09	17.49	31.59	0.57		19883	19.06	10.33	9.53	19.06	64.76	19.97	31.36	10.05
17213	17.83	4.75	57.85	1	70.09	17.83	31.59	0.6		19884	17.8	15.77	5.09	40.61	55.06	47.18	8.2	17.8
17214	19.13	6.18	70.07	42.7	21.96	19.13	19.09	7.77		19885	17.8	16.38	6.69	41.34	53.02	42.25	6.05	17.8
17215	16.15	14.47	8.19	35.84	12.23	16.15	39.55	17.52		19886	17.8	15.79	6.01	22.08	49.2	35.4	4.41	17.8
17216	12.23	13.04	9.01	5.18	12.23	23.69	28.64	2.68		19887	14.35	9.01	6.67	23.6	14.35	36.87	10.5	22.38
17217	3.29	1.77	2.2	3.29	25.93	14.96	21.38	2.68		19888	19.06	9.81	7.27	26.98	13.18	37.66	19.06	22.46
17218	2.44	1.77	1.83	2.27	26.05	3.5	19.67	2.44		19889	19.06	7.43	7.01	34.62	4.71	39.74	19.06	26.56
17219	2.44	1.77	2.32	2.75	15.61	2.37	15.47	2.44		19890	19.06	7.2	6.73	34.47	4.71	42.75	19.06	26.04
17220	3.15	1.77	3.15	3.48	15.61	2.6	18.14	2.44		19891	18.16	21.14	18.16	23.02	11.38	13.8	45.46	13.66
17221	3.71	1.77	3.71	4.42	15.61	3.22	24.71	2.44		19892	18.16	20.96	18.16	23.61	11.38	10.96	40.43	13.66
17222	6.83	1.77	5.21	11.81	15.61	6.83	41.01	2.44		19893	16.35	21.91	18.16	31.14	11.38	10.69	16.35	13.66
17223	15.61	1.77	7.08	17.98	15.61	17.61	41.85	2.44		19894	16.35	22.07	18.16	31.35	11.38	14.27	16.35	13.66
17224	10.24	7.76	10.24	10.91	36.47	2.05	33.81	0.3		19895	12.4	15.15	12.4	24.19	42.99	6.57	9.08	6.6
17225	13.78	7.76	13.78	14.33	38.49	3.51	21.9	0.3		19896	7.34	15.15	12.24	24.19	7.34	2.2	7.27	6.6
17226	14.66	14.99	14.66	14.33	53.55	7.39	24.84	1.14		19897	7.34	15.15	12.12	24.19	7.34	1.51	5.32	6.6
17227	18.54	49.24	39.83	18.54	61.74	16.68	12.95	7.29		19898	8.07	15.15	10.25	24.19	7.34	1.28	8.07	6.45
17228	11.89	6.58	16.65	16.46	61.2	10.89	11.89	6.98		19899	12.81	15.15	12.81	21.31	7.34	1.88	20.77	6.6
17229	13.67	6.58	13.67	16.55	60.17	6.33	16.74	7.16		19900	8.31	15.15	8.31	26.45	7.34	4.84	24.52	6.6
17230	14.28	6.58	13.91	30.06	63.06	6.68	19.03	14.28		19901	14.92	15.15	6.59	28.35	7.34	14.92	24.52	6.6
17231	14.5	6.58	14.33	30.3	64.91	9.81	22.72	14.5		19902	19.17	21.27	9.92	17.95	19.17	37.18	16.02	32.24

Table 3

17232	18.37	28.38	37.73	0.97	40.29	18.37	10.28	6.68		19903	14.51	13.28	6.59	2.25	19.17	38.78	14.51	14.56
17233	18.26	23.08	26.01	0.61	42.63	16.24	18.26	6.77		19904	14.51	11.59	6.88	2.15	19.17	30.09	14.51	15.37
17234	13.57	13.57	0.79	12.27	34.66	17.08	82.99	12.84		19905	14.51	11.59	26.63	2.15	19.17	25.22	14.51	12.28
17235	13.57	13.57	1.12	12.27	32.65	13.9	80.54	12.84		19906	14.51	11.59	38.55	2.15	19.17	23.63	14.51	6.65
17236	13.57	13.57	1.78	12.27	31.48	14.29	76.6	12.84		19907	14.51	11.59	41.25	2.38	31.63	23.51	14.51	6.82
17237	13.57	13.57	2.05	11.51	40.75	15.61	72.76	12.84		19908	14.51	11.59	25.33	7.63	35.34	24.45	14.51	8.07
17238	17.11	17.11	2.75	12.27	52.19	20.81	77.53	12.84		19909	16.71	16.71	28.53	7.94	36.7	27.05	11.09	8.06
17239	17.32	17.32	5.09	17.15	30.5	71.91	58.35	13.46		19910	8.1	1.81	4.9	6.5	14.3	8.1	32.43	18.44
17240	18.69	17.32	5.3	17.79	18.69	52.1	41.13	32.95		19911	5.85	0.81	5.85	5.82	13	3.98	37.02	18.44
17241	17.9	17.32	5.34	17.9	11.24	45.29	43.33	33.33		19912	8.09	0.48	8.09	5.8	13.29	3.21	31.09	16.56
17242	13.43	19.57	14.83	13.43	11.24	3.66	64.52	5.12		19913	12.68	0.47	12.68	5.8	13.59	4.09	29.46	16.56
17243	15.28	21.16	15.28	16.88	12.63	3.59	64.52	5.39		19914	16.56	1.13	17.42	5.88	17.26	6.19	24.41	16.56
17244	15.94	22.34	15.94	28.1	12.63	3.87	64.52	5.56		19915	16.56	2.5	17.78	13	22.8	12.53	18.54	16.56
17245	15.68	22.11	15.68	33.31	12.63	5.4	65.56	5.5		19916	16.56	6.18	26.78	10.64	28.18	35.12	14.59	16.56
17246	17.94	31.63	17.94	58.97	12.63	7.38	74.81	5.74		19917	13.96	6.18	2.44	13.96	7.39	33.45	16.65	15.91
17247	19.29	16.43	19.29	31	73.44	14.06	24.99	1.4		19918	10.81	6.18	2.99	10.81	7.77	12.18	15.05	15.91
17248	19.29	16.43	19.29	32.87	72.94	17.2	29.91	1.4		19919	5.09	2.64	4.12	8.79	4.9	5.09	13.03	14.36
17249	18.39	18.39	7.78	29.96	59.32	37.68	17.83	15.91		19920	5.45	1.48	5.45	8.95	4.73	2.76	13.4	10.94
17250	16.94	13.04	8.04	29.87	59.32	33.59	16.94	15.91		19921	8.11	1.14	8.11	12.94	5.15	2.49	28.45	12.98
17251	15.91	13.04	8.04	30.06	59.32	33.05	15.59	15.91		19922	10.7	1.56	10.7	17.43	5.76	2.88	58.54	15.49
17252	15.91	13.04	8.04	37.33	61.35	34.68	12.9	15.91		19923	14.93	3.18	14.93	27.28	8.63	6.45	77.17	15.91
17253	15.91	13.04	8.6	37.67	45.89	44.26	11.94	15.91		19924	14.12	6.14	28.91	5.55	14.12	14.6	42.54	3.44
17254	16.55	5.7	21.69	13.37	16.55	19.92	3.63	20.38		19925	16.31	69.86	16.31	13.25	18.78	67.6	15.7	2.52
17255	15.5	3.3	20.91	13.12	31.47	19.8	3.46	15.5		19926	4.14	50.68	4.14	2.42	2.3	56.42	15.37	2.05
17256	12.18	6.07	26.1	12.18	35.72	18.09	2.24	11.65		19927	4.14	7.5	4.14	2.4	2.12	50.08	15.64	2.04
17257	10.98	6.07	16.28	10.98	6.61	14.1	0.93	11.65		19928	4.14	7.14	4.14	2.48	2.09	49.42	4.85	1.98
17258	10.98	6.07	17.78	10.98	6.71	11.16	0.96	11.65		19929	3.86	6.64	3.86	2.14	2.71	37.77	4.85	1.9
17259	6.97	5.24	17.78	6.58	6.97	11.62	1.74	7.95		19930	4.14	6.35	4.14	2.14	2.68	33.09	4.85	1.84

Table 3

17260	5.79	5.24	17.78	3.13	6.66	11.54	1.48	5.79		19931	4.85	5.4	4.14	2.54	4.93	30.44	4.85	2.12
17261	5.79	5.24	17.78	3.13	6.88	11.17	2.14	5.79		19932	3.31	3.31	4.14	2.32	0.44	28.29	4.85	2.13
17262	5.24	5.24	3.35	3.13	10.08	9.52	1.95	5.79		19933	4.85	4.29	10.86	4.8	16.96	27.88	4.85	4.01
17263	5.24	5.24	3.68	3.13	6.04	8.87	2.61	5.79		19934	7.51	5.69	13.07	7.51	14.96	32.43	4.85	6.39
17264	9.81	16.25	5.34	3.13	43.03	10.16	5.87	9.81		19935	13.07	5.69	13.07	9.17	13.79	42.46	23.66	6.51
17265	7.22	7.22	3.6	2.43	43.03	7.41	5.52	8.32		19936	8.78	5.69	21.88	8.78	19.48	37.57	5.17	4.17
17266	8.99	8.85	3.85	12.21	42.42	8.99	6.72	15.69		19937	8.83	5.69	24.91	8.83	21.3	37.99	5.17	4.38
17267	13.25	9.33	7.64	24.5	43.03	13.25	8.08	20.15		19938	8.7	7.72	29.72	8.7	23.46	41.71	5.17	4.44
17268	15.65	8.78	8.5	28.09	43.03	15.65	5.59	21.53		19939	7.59	5.75	35.68	7.59	22.99	44.2	4.96	4.53
17269	19.12	19.12	6.4	31.72	60.39	26.72	5.59	7.28		19940	9.56	7.23	38.58	9.56	23.46	48.21	4.08	4.67
17270	6.76	3.11	5.89	29.5	14.38	25.39	5.59	6.76		19941	13.57	9.27	46.3	13.57	23.46	54.98	3.64	12.69
17271	12.73	11.41	30.34	32.75	12.73	31.82	5.59	7.2		19942	9.83	16.14	2.07	8.28	9.83	18.51	44.34	1.19
17272	12.25	11.41	36.26	32.03	12.25	30.63	5.59	7.12		19943	9.05	15.33	1.64	5.81	9.98	9.05	37.83	1.23
17273	11.41	11.41	40.67	34.52	11	34.85	5.59	7.46		19944	5.34	11.02	2.05	4.8	11.13	5.34	30.47	1.21
17274	19.26	11.41	48.74	40.65	16.18	44.33	6.81	19.26		19945	4.8	10.92	2.09	4.8	11.57	4.19	25.13	2.28
17275	18.77	23.05	11.75	15.35	18.77	36.58	34.67	18.74		19946	8.01	11.02	3.22	8.01	16.75	5.34	38.69	2.68
17276	11.57	18.82	0.79	11.57	10.53	18.27	29.89	6.6		19947	8.44	15.27	3.41	8.01	24.64	8.44	42.92	2.68
17277	12.88	27.45	1.22	12.88	12.05	14.53	30.31	6.6		19948	15.89	15.89	5.27	3.63	32.83	22.92	31.9	2.68
17278	14	28.72	2.07	15.17	13.08	14	27.19	6.6		19949	4.79	22.4	12.46	3.31	1.96	38.22	4.79	4.24
17279	16.56	30.76	2.99	22.75	13.08	16.56	47.86	6.6		19950	4.18	21.11	12.46	3.16	1.99	52.78	4.18	4.08
17280	18.52	35.73	3.66	26.74	13.08	18.52	47.86	6.6		19951	4.21	18.37	12.46	2.54	2	31.28	4.21	2.44
17281	11.02	9.52	42.98	8.57	29.58	20.66	2.6	11.02		19952	6.74	20	13.51	2.66	2.14	24.76	6.74	2.44
17282	9.12	6.71	27.56	2.16	26.42	16.58	2.04	9.12		19953	11.92	19.98	13.79	2.64	2.31	22.73	11.92	2.44
17283	10.39	6.71	37.81	2.16	26.42	15.86	1.34	10.39		19954	17.9	28.39	25.23	2.68	7.49	22.73	17.9	2.44
17284	10.32	6.71	45.86	2.16	26.42	15.22	1.01	10.32		19955	2.44	29.89	0.88	1.88	0.76	14.44	28.07	2.44
17285	8.68	6.71	9.71	2.16	26.42	8.68	0.75	10.45		19956	7	32.74	1.17	1.88	30.67	7	28.15	2.44
17286	9.62	9.45	9.71	2.16	26.42	9.62	2.76	12.47		19957	5.94	31.87	1.78	4.71	30.67	5.94	29	2.44
17287	9.71	9.42	9.71	2.92	26.42	9.99	3.9	16.6		19958	6.3	34.93	1.88	6.3	38.77	6.14	62.75	5.3

Table 3

17288	17.83	13.02	9.71	17.83	26.42	18.56	3.89	21.54		19959	6.9	36.21	1.88	6.54	48.51	6.3	59.52	6.9
17289	19.15	16.17	18.16	22.05	33.78	25.93	9.79	19.15		19960	10.14	46.16	1.88	7.95	57.11	9.92	74.9	10.14
17290	9.06	4.37	41.07	32.91	4.74	31.48	9.06	3.9		19961	17.19	64.27	1.88	8.22	64.76	17.19	71.87	12.23
17291	9.06	4.37	40.64	43.53	4.24	25.04	9.06	4.08		19962	10.24	4.7	10.24	6.49	15.22	66.72	28.9	0.52
17292	5.79	4.37	41.39	46.04	3.59	21.26	5.79	4.25		19963	10.24	4.7	10.24	2.05	17.34	62.59	22.49	0.5
17293	17.7	4.37	46.25	60.02	3.78	21.81	17.7	10.61		19964	10.24	4.37	10.24	2.03	19.2	64	22.49	0.5
17294	12.21	4.37	48.48	56.53	6.09	23.81	12.21	10.11		19965	10.24	4.37	10.24	1.88	21.49	63.17	22.49	0.48
17295	14.66	5.59	14.66	10.34	51.11	16.95	19.94	6.6		19966	10.24	4.37	10.24	1.55	30.99	62.61	22.49	0.48
17296	7.57	5.59	3.39	10.34	44.95	7.57	15.17	6.6		19967	10.24	4.37	10.24	2.21	40.62	65.94	22.49	1.59
17297	6.6	5.59	3.39	10.34	41.65	6.09	13.85	6.6		19968	10.24	4.37	10.24	4.19	49.85	73.14	22.49	1.59
17298	7.36	1.4	3.39	9.32	39.02	7.36	27.57	6.6		19969	9.21	4.37	9.21	4.98	28.48	71.08	22.49	4.78
17299	7.73	1.15	3.39	9.74	34.52	7.73	29	6.6		19970	10.6	4.37	10.6	8.18	25.58	71.08	28.76	5.79
17300	8.21	1.07	3.39	10.83	39.77	8.21	24.14	6.6		19971	18.35	6.71	9.54	18.35	23.41	67.55	28.76	13.11
17301	14.57	1.08	3.39	25.17	44.41	14.57	23.2	6.6		19972	3.66	1.54	1.59	2.61	21.44	3.66	21.35	6.6
17302	16.15	2.22	16.15	7.86	61.32	41.11	31.59	7.46		19973	2.61	2.57	1.1	2.61	21.89	0.81	12.24	6.6
17303	7.8	2.22	20.52	7.8	52.9	41.44	6.94	7.46		19974	2.63	2.63	1.43	2.61	29.59	0.37	6.52	6.6
17304	7.86	2.22	24.24	7.86	52.9	39.76	7.13	7.46		19975	2.61	1.99	1.61	2.61	37.69	0.27	3.16	6.6
17305	14.14	2.22	24.24	14.14	52.9	42.12	6.87	7.46		19976	1.99	1.99	1.61	2.61	37.97	0.17	1.88	6.6
17306	14.26	2.22	24.24	14.26	52.9	45.29	3.85	7.46		19977	1.99	1.99	1.61	4.25	37.97	0.24	1.45	6.6
17307	13.9	18.79	44.7	4.04	5.1	43.26	13.9	0.98		19978	1.38	1.97	1.38	1.81	37.97	0.17	0.59	0.49
17308	7.37	7.37	44.76	4.12	5.1	28.98	12.8	1.01		19979	1.61	1.97	1.61	2.32	54.96	0.17	0.55	0.47
17309	6.88	6.88	48.4	3.43	5.1	17.08	11.61	0.33		19980	1.97	1.97	2.39	1.99	58.41	0.37	0.52	0.46
17310	5.37	5.01	44.95	2.9	5.37	9.08	13.04	0.29		19981	1.97	1.97	3.52	2.25	59.54	0.69	0.47	0.48
17311	5.59	4.97	41.78	3.36	5.59	8.88	14.23	0.3		19982	1.97	1.97	6.09	2.5	59.86	1.51	0.83	0.51
17312	10.42	5.2	44.24	4.19	14.36	10.42	21.27	0.47		19983	4.2	2.21	9.53	6.3	64.95	4.2	0.88	2.02
17313	14.53	7.5	48.5	7.3	15.55	14.53	16.68	0.46		19984	2.3	2.21	4.85	2.3	64.9	12.84	0.73	1.74
17314	18.91	23.94	18.91	4.57	44.01	17.31	21.26	4.69		19985	7.51	9.16	7.51	2.56	62.72	14.55	1.71	3.83
17315	10.25	10.25	18.91	9.1	43.16	9.6	19.08	4.69		19986	2.87	2.05	7.36	2.62	66.26	7.86	1.69	2.87

Table 3

17316	9.1	8.57	18.91	9.1	40.67	7.57	16.63	4.21		19987	2.51	2.04	3.23	1.54	63.38	3.6	1.84	2.51
17317	8.01	4.9	18.91	8.01	41.78	5.25	10.65	2.77		19988	2.41	2.41	3.51	1.57	63.69	2.07	1.86	2.56
17318	7.39	3.87	18.91	8.01	43.44	7.39	6.93	3.84		19989	2.99	2.41	3.55	2.99	66.28	1.8	1.83	3.76
17319	9.59	3.11	18.91	13.79	45.79	9.59	7.29	4.69		19990	2.92	2.41	4.94	2.92	67.74	2.23	2.52	3.25
17320	18.48	5.21	44.56	18.48	54.83	21.13	6.97	4.69		19991	5.67	4.87	9.28	4.86	71.14	5.23	5.67	11.11
17321	11.84	2.31	44.56	35.07	9.68	35.12	4.4	11.84		19992	11.11	4.89	10.55	13.51	72.33	19.72	5.67	11.11
17322	18.55	10.57	41.1	18.55	31.86	32.58	11.88	13.41		19993	9.97	4.35	12.9	9.6	70.57	32.19	1.73	9.97
17323	18.55	7.43	44.44	18.55	33.69	24.16	12.12	10.49		19994	8.42	6.22	21.36	7.93	72.01	28.18	1.72	8.42
17324	15.83	15.83	21.69	1.13	39.87	13.41	49.2	2.54		19995	5.8	2.96	24.23	3.96	68.09	20.98	2.45	5.8
17325	6.45	17.32	19.68	1.13	6.45	6.37	20.47	1.96		19996	3.59	1.24	16.6	3.51	61.28	15.92	2.13	3.59
17326	7.81	12.92	19.68	1.13	7.81	6.25	19	2.4		19997	2.13	1.15	1.5	2.13	58.83	10.7	1.33	2.49
17327	7.76	7.76	19.68	1.13	11.59	6.11	26.48	3.32		19998	2.21	1.29	2.05	2.21	4.63	9.91	1.32	3.21
17328	5.36	7.76	16.72	1.13	7.94	5.19	5.36	3.62		19999	3.16	1.22	1.67	3.16	4.63	9.25	1.14	4.17
17329	7.61	13	19.68	7.61	8.43	6.3	5.34	3.31		20000	2.75	1.01	1.48	2.75	4.63	8.5	0.61	4.42
17330	9.65	13	19.68	9.65	8.9	11.41	5.56	3.51		20001	2.2	1.01	2.2	3.33	4.63	6.27	0.45	1.27
17331	11.66	13	19.68	9.79	6.65	14.22	5.75	11.66		20002	3.04	1.28	3.04	7.16	4.63	4.5	0.56	1.27
17332	17.31	13	31.67	13.67	41.76	17.31	39.74	11.66		20003	4.63	1.28	4.96	8.04	4.63	5.29	0.59	1.27
17333	13	13	2.63	12.51	41.76	21.26	46.17	4.15		20004	4.7	4.7	19.68	7.14	4.63	5.95	0.58	1.27
17334	19.23	13	2.75	19.23	41.76	25.84	44.07	10.99		20005	6.72	4.7	19.68	6.72	28.54	10.09	0.21	1.27
17335	18.51	18.36	2.46	18.51	28.81	29.72	43.92	11		20006	5.82	4.7	19.68	5.82	28.54	20.18	0.22	3.71
17336	15.64	4.01	30.69	15.64	20.15	28.02	8.68	14.67		20007	4.02	3.99	24.21	4.02	53.14	38.99	1.73	3.59
17337	15.64	4.01	16.95	15.64	20.15	17.51	8.68	14.67		20008	8.63	2.86	31.2	3.82	31.23	53.55	2.22	8.63
17338	12.27	4.01	19.8	12.27	20.15	10.89	8.68	14.67		20009	10.86	2.85	32.16	5.01	29.28	63.1	2.86	10.86
17339	10.52	4.01	22.09	10.52	20.15	7.81	8.68	14.67		20010	5.21	2.76	28.3	4.35	5.21	66.31	2.86	10.46
17340	13.4	4.01	25.58	13.4	19.89	6.79	8.68	14.67		20011	5.35	3.01	9.21	5.35	5.21	72.97	2.86	12.45
17341	15.81	9.46	30.69	22.04	16.6	9.89	15.81	14.67		20012	2.46	1.32	2.46	0.11	5.21	80.61	4.45	2.05
17342	19.52	6.32	17.36	58.62	25.3	55.7	14.89	19.52		20013	2.46	1.45	2.46	0.09	5.21	85.95	4.45	2.05
17343	11.59	11.59	27.07	8.94	5.2	39.21	10.08	23.71		20014	2.46	1.45	2.46	0.08	5.21	85.67	4.45	2.05

Table 3

17344	13.55	8.34	33.65	7.88	5.2	21.81	13.55	17.89		20015	1.16	4.01	0.18	0.07	0.2	82.81	4.45	1.16
17345	14.39	1	33.65	7.58	3.95	14.63	25.38	14.39		20016	0.91	4.01	0.18	0.07	0.18	79.22	0.91	1.16
17346	11.15	1	33.65	7.14	3.95	11.15	31.77	14.25		20017	1.42	5.27	0.5	0.42	0.26	80.39	1.42	2.15
17347	11.7	1.03	33.65	8.4	3.95	11.7	36.63	14.58		20018	0.59	5.57	0.59	0.34	0.38	80.2	0.58	2.08
17348	13.99	4.04	33.65	9.69	3.95	13.99	36.63	14.93		20019	1.34	4.04	1.34	0.95	0.43	77.08	0.59	2.75
17349	17.94	4.19	27.14	12.36	3.95	22.16	43.84	17.94		20020	1.75	4.31	1.75	1.02	1.11	72.6	0.54	3.49
17350	17.62	14.41	17.62	7.92	22.05	31.81	9.65	25.15		20021	1.81	4.31	1.81	0.99	0.74	69.52	0.71	3.97
17351	18.78	4.45	26.96	18.78	4.15	26.38	10.68	24.45		20022	4.31	4.31	2.03	1.1	10.91	69.24	0.72	4.74
17352	15.33	3.93	33.89	6	2.2	17.51	44.16	15.33		20023	4.31	4.31	2.42	3.04	10.91	67.16	4.04	5.44
17353	15.3	3.93	50.16	6.06	2.13	15.58	46.95	15.3		20024	5.16	7.35	2.59	3.39	10.91	57.93	4.04	5.16
17354	19.52	3.93	63.5	20.52	2.88	19.52	68.86	15.68		20025	18.2	18.2	54.97	8.57	6.34	29.76	39.21	17.18
17355	19.87	3.93	67.4	6.27	4.72	23.37	68.86	19.87		20026	14.01	14.48	14.01	7.41	6.34	24.82	33.73	12.86
17356	11.35	49.27	3.03	13.33	11.35	49.23	8.5	8.94		20027	14.01	16.36	14.01	6.15	6.34	25.89	41.22	12.86
17357	11.35	60.23	4.55	13.87	11.35	45.1	8.5	9.35		20028	14.01	22.89	14.01	9.76	6.34	30.68	47.33	12.86
17358	8.96	1.45	3.68	12.29	9.63	26.61	8.5	8.96		20029	9.43	3.6	14.01	8.03	6.34	44.14	37.93	9.43
17359	8.88	1.32	4.14	12.02	9.04	19.58	8.5	8.88		20030	14.01	4.56	14.01	8.81	22.03	63.39	37.93	8.93
17360	8.67	1.3	5.99	9.64	8.73	17.88	8.5	8.67		20031	9.59	4.59	9.71	9.43	28.08	76.52	9.59	8.45
17361	7.74	1.3	6.93	16.57	7.74	21.46	6.57	17.48		20032	9.71	4.36	9.71	11.87	27.35	75.28	8.18	8.44
17362	11.35	1.31	10.05	17.62	11.35	29.21	6.01	18.19		20033	9.71	4.39	9.71	16.63	28.08	77.47	9.34	8.91
17363	18.62	0.05	18.62	33.02	1.56	19.8	58.52	9.97		20034	11.24	11.24	9.71	14.38	28.08	77.89	6.31	9.86
17364	15.9	0.03	18.71	34.51	1.32	10.84	63.59	15.9		20035	11.91	11.91	11.13	20.72	28.08	79.68	6.07	11.75
17365	15.9	0.02	19.3	39.32	1.16	8.88	68.6	15.9		20036	17.02	15.17	40.05	31.11	3.26	68.55	12.97	17.02
17366	15.9	0.02	34.31	45.35	1.1	10.77	68.6	15.9		20037	17.31	12.9	41.52	29.47	2.97	66.44	12.84	17.31
17367	15.9	0.05	28.32	42.4	2.08	14.53	77.65	15.9		20038	9.71	12.33	9.71	1.77	0.29	73.08	44.76	1.4
17368	17.86	0.66	28.68	17.86	6.64	42.11	77.65	11.65		20039	5.32	5.32	9.71	1.06	0.68	68.73	44.76	1.16
17369	9.44	15.15	3.61	6.07	4.41	43.96	19.97	9.44		20040	5.68	5.68	9.71	1.1	0.73	68.62	44.76	1.17
17370	9.44	16.37	2.78	5.2	4.6	30.73	16.7	9.44		20041	5.67	5.67	9.71	1.12	0.98	68.03	40.49	1.16
17371	9.44	15.15	4.43	4.75	4.6	24.69	16.34	9.44		20042	5.63	5.63	9.71	1.15	0.67	66.8	40.49	1.16

Table 3

17372	7.48	10.15	4.96	1.82	7.48	15.69	12.54	5.79		20043	9.71	16.2	9.71	2.4	1.07	66.96	40.49	2.71
17373	7.48	10.1	6.97	1.96	7.48	13.31	12.54	5.79		20044	10.87	10.87	9.71	0.16	36.82	66.08	37.91	0.59
17374	9.72	10.35	9.71	2.58	7.48	13.65	16.6	9.72		20045	9.56	7.31	28.3	0.27	33.93	64.45	9.56	0.57
17375	10.42	10.42	9.71	3.62	7.48	17.16	17.31	10.88		20046	9.56	2.58	36.71	0.27	32.2	63.1	9.56	0.57
17376	16.41	2.53	47.56	14.45	16.41	25.86	33.19	5.05		20047	9.56	2.43	13.24	0.16	30.42	62.65	9.56	0.51
17377	19.25	5.24	45.79	19.25	18.21	28.43	33.19	5.05		20048	9.56	2.33	14.57	0.16	31.95	62.4	9.56	0.53
17378	17.72	13.57	12.17	39.93	11.38	57.34	50.64	17.72		20049	9.56	2.29	14.67	0.42	30.64	66.92	9.56	2.01
17379	17.79	13.57	9.95	44.51	10.43	55.92	44.05	17.79		20050	9.56	2.36	21.95	0.41	30.64	70.43	9.56	1.92
17380	17.59	13.57	6.87	43.18	9.03	57.93	43.06	17.59		20051	9.56	2.71	26.13	3.63	17.27	55.98	9.56	4.34
17381	12.67	1.75	6.46	45.7	3.8	20.92	40.87	12.67		20052	18.13	2.71	31.89	4.23	18.13	45.63	40.09	4.01
17382	7.7	1.75	6.49	50.31	4.3	7.7	40.87	18.42		20053	17.13	12.35	42.98	17.13	31.91	16.95	37.78	2.63
17383	7.72	1.75	7.72	52.85	4.79	6.97	39.19	18.69		20054	17.49	17.49	46.92	17.13	41.06	15.67	22.82	2.6
17384	17.41	1.46	17.41	56.36	5.27	6.34	34.79	24.17		20055	16.34	15.15	42.98	21.36	63.79	16.34	1.78	2.63
17385	15.18	0.01	23.97	38.94	2.19	8.25	41.87	15.18		20056	13.92	10.92	42.98	18.14	51.89	13.92	0.1	3.84
17386	10.23	0.01	31.78	27.63	2.25	10.23	43.23	8.56		20057	14.15	10.92	42.98	23.37	51.89	14.15	0.1	5.05
17387	8.6	0.01	70.88	6.82	3.93	27.98	60.1	8.6		20058	14.51	3.01	42.98	24.06	51.89	14.51	0.1	2.25
17388	9.07	0.11	58.19	4.98	6.07	32.47	62.14	9.07		20059	14.81	11.2	11.03	44.01	75.22	14.81	27.85	5.77
17389	13.45	0.11	60.93	4.42	8.58	40.2	60.23	13.45		20060	12.13	11.05	11.03	36.78	75.22	12.13	23.99	5.66
17390	13.94	8.65	53.78	3.25	8.76	38.43	56.67	13.94		20061	15.72	11.41	11.03	37.03	75.22	15.72	21.88	8.99
17391	17.38	9.19	59.01	4	7.1	34.78	60.72	17.38		20062	14.21	10.33	11.03	36.37	75.22	14.21	27.85	8.85
17392	19.75	8.85	45.24	35.33	38.97	19.75	8.09	7.03		20063	5.58	3.31	3.12	19.79	72.67	8.29	1.2	5.58
17393	18.03	8.99	48.34	27.26	40.1	18.03	7.06	7.03		20064	6.74	3.31	4.52	20.01	72.67	7.18	1.19	6.74
17394	18.4	18.4	51.82	19.99	47.84	16.06	10.71	6.06		20065	8.93	5.83	6.62	21.85	72.67	8.93	1.27	22.78
17395	16.24	14.08	53.07	19.99	56.84	16.24	4.16	7.03		20066	10.49	4.42	10.3	22.64	72.34	10.49	1.26	22.78
17396	19.99	17.13	68.02	19.99	64.73	21.01	3.77	5.79		20067	16.89	7.12	15.91	24.09	72.67	16.89	1.35	22.78
17397	18.91	16.13	52.06	18.91	64.73	26.99	1.64	5.79		20068	12.23	7.68	1.54	17.13	75.22	9.62	28.12	12.23
17398	19.12	15.86	33.5	19.12	64.73	22.64	1.05	5.79		20069	17.13	12.75	1.54	17.13	75.22	22.44	25.82	12.23
17399	14.78	12.66	28.88	19.1	64.73	14.78	1.3	5.79		20070	19.73	12.57	5.27	19.07	69.56	37.89	21.09	19.73

Table 3

17400	5.79	3.67	24.68	12.48	75.22	2.67	0.42	5.79		20071	17.13	8.94	5.23	17.13	14.04	34.28	19.49	19.73
17401	5.79	3.67	27.51	12.87	75.22	0.81	0.42	5.79		20072	12.61	9.29	14.22	29.18	12.61	6.09	30.66	5.79
17402	5.79	3.67	29.88	13.82	75.22	0.5	1.01	5.79		20073	12.61	8.75	25.2	29.18	12.61	7.37	21.73	5.79
17403	5.04	3.67	32.6	12.74	75.22	0.5	1.02	5.04		20074	12.68	12.68	27.29	29.18	12.61	10.98	21.66	5.79
17404	7.04	3.67	40.02	14.45	75.22	0.93	3.58	7.04		20075	15.61	18.18	37.04	14.71	12.61	15.61	15.98	5.79
17405	12.46	12.46	51.53	21.5	75.22	3.21	6.45	7.46		20076	11.63	5.12	13.38	2.21	12.61	9.05	11.63	13.08
17406	18.31	3.67	27.3	20.1	64.31	18.31	3.9	7.46		20077	11.55	13.6	13.38	1.8	12.61	6.07	11.36	11.55
17407	16.82	16.82	8.27	4.46	61.78	32.16	11.18	21.62		20078	11.08	13.14	13.38	1.6	12.61	4.93	8.84	11.08
17408	12.35	12.35	11.29	4.69	62.67	26.85	8.99	21.62		20079	8.83	12.92	14.99	2.05	28.38	4.74	8.83	7.23
17409	15.95	9.61	15.95	4.69	63.44	22.92	8.55	21.62		20080	4.2	5.32	14.99	2.23	4.2	3.36	2.04	4.36
17410	17.18	12.33	18.33	9.65	63.44	31.72	3.91	17.18		20081	4.2	5.88	13.38	3.37	4.2	2.58	1.47	4.45
17411	15.9	6.67	26.66	15.04	75.22	31.87	3.53	15.9		20082	4.2	5.92	13.38	3.48	4.2	2.58	1.46	4.59
17412	19.25	6.98	30.47	15.04	75.22	33.32	3.04	19.25		20083	3.83	5.9	7.93	3.83	4.2	2.65	1.64	3.27
17413	19.3	7.15	1.95	46.07	42.45	19.3	72.1	9.87		20084	4.2	6.07	11.19	3.98	4.2	4.65	1.71	3.86
17414	19.44	6.43	2.44	46.04	49.02	19.44	70.42	11.85		20085	4.78	14.97	11.03	3.69	4.2	7.29	3.5	4.78
17415	17.9	17.9	14.11	9.24	17.98	55.66	9.61	18.44		20086	4.77	15.26	10.59	3.08	4.2	14.59	4.54	4.77
17416	14.62	14.62	13.79	7.58	17.98	52.35	6.93	18.44		20087	9.26	33.92	13.38	5.52	7.12	29.17	9.26	5.29
17417	15.38	15.38	14.33	7.17	17.98	55.08	6.82	18.44		20088	13.49	61.4	11.74	8.57	7.12	47.59	25.49	13.49
17418	15.69	15.69	14.33	4.84	17.98	52.98	6.52	18.44		20089	10.88	15.89	0.51	9.83	7.12	51.17	18.25	10.88
17419	17.98	24.22	14.59	5.62	17.98	52.3	6.73	18.44		20090	13.16	24.23	0.38	10.25	13.16	44.37	45.38	7.46
17420	15.55	14.66	22.4	6.89	15.55	56.81	8.94	19.07		20091	13.26	21.57	0.35	10.25	13.26	39.19	43.25	7.46
17421	17.21	13.66	22.86	17.21	11.88	59.47	11.64	28.23		20092	14.27	21.57	0.35	10.25	14.27	39.68	48.43	7.46
17422	9.39	1.14	66.03	38.28	0.85	9.39	53.4	1.85		20093	14.24	14.24	0.34	3.53	18.43	37.9	53.64	7.03
17423	3.66	1.14	61.37	40.1	0.62	3.66	47.45	1.78		20094	14.24	14.24	0.56	3.04	24.08	39.5	15.14	5.42
17424	2.58	1.14	63.9	35.8	0.51	2.58	42.38	1.77		20095	13.81	14.24	7.23	5.56	30.93	48.37	13.81	5.42
17425	3	1.14	65.93	36.16	0.42	3	45	1.69		20096	5.42	2.1	4.61	2.5	57.65	38.5	12.03	5.42
17426	4.83	1.14	68.94	44.96	0.7	3.83	52.27	4.83		20097	6.64	4.88	6.64	2.56	35.22	29.97	11.43	5.42
17427	8.66	1.14	57.34	51.04	1.19	8.66	53.4	5.27		20098	8.36	5.41	8.36	2.79	30.69	26.99	11.22	6.1

Table 3

17428	17.25	8.21	35.16	9.01	9.78	40.26	51.36	17.25		20099	9.67	8.47	9.67	2.68	27.33	26.71	12.24	5.84
17429	17.19	8.21	35.16	8.99	16.16	36.41	48.26	17.19		20100	14.26	10.38	14.26	2.83	26.61	28.7	15.68	6.21
17430	17.67	17.67	4.83	13.06	33.7	29.81	49.73	15.91		20101	19.11	16.71	19.11	8.08	31.2	36.4	33.07	13.49
17431	19.19	16.6	17.25	28.76	59.3	19.19	54.54	1.87		20102	5.24	3.98	30.69	3.49	1.31	50.19	51.73	5.24
17432	9.72	16.6	8.36	4.48	51.7	9.72	44.04	1.87		20103	6.47	6.47	30.69	3.21	2.35	54.28	42.88	4.63
17433	10.45	16.6	10.45	4.37	50.93	6.85	40.59	1.87		20104	6.74	6.74	30.69	3.33	4.08	63.45	42.88	4.55
17434	13.05	16.6	13.05	4.3	50.14	7.29	32.71	1.87		20105	15.77	15.77	30.69	2.95	4.46	67.9	42.88	4.34
17435	16.6	16.6	16.88	5.2	50.87	7.76	30.72	1.87		20106	15.77	15.77	30.69	3.8	4.46	67.24	42.88	4.34
17436	14.46	5.25	20.07	4.14	58.14	14.46	19.94	1.87		20107	16.89	16.89	30.69	6.76	4.46	70.03	42.88	8.76
17437	19.63	8.84	28.78	9.75	73.01	35.64	19.63	10.53		20108	14.15	27.42	30.69	2.81	4.46	71.49	14.15	4.11
17438	12.49	4.37	0.79	12.49	74.43	13.88	8.44	14.34		20109	19.19	19.19	53.95	3.33	27.19	76.1	14.23	5
17439	8.44	4.37	1.24	12.8	74.43	7.39	8.44	14.34		20110	19.17	19.17	43.8	4.42	32.16	76.72	13.98	4.13
17440	8.44	4.37	2.12	12.87	74.43	6.62	8.44	14.34		20111	10.18	6.8	10.18	2.37	42.55	69.07	13.98	3.15
17441	8.44	4.37	3.39	12.26	74.43	5.99	8.44	14.34		20112	11.43	6.44	11.43	2.37	18.51	64.42	13.98	3.08
17442	15.04	18.81	5.03	15.04	74.43	9.62	8.44	16.57		20113	13.98	5	15.94	2.37	18.51	43.2	13.98	3.81
17443	15.62	23.05	5.79	15.04	74.43	15.62	8.44	16.57		20114	13.98	3.67	19.54	2.37	17.46	32.2	13.98	2.94
17444	16.57	23.05	8.58	15.04	74.43	41.52	8.44	16.57		20115	13.77	5.24	25.19	2.37	13.77	26.57	17.22	3.34
17445	12.72	4.9	12.72	22.53	7.65	34.99	37.3	7.72		20116	13.77	5.24	32.16	4.79	13.77	28.02	14.18	4.81
17446	19.59	6.06	27.62	19.59	8.42	37.57	47.3	7.98		20117	12.09	5.24	32.16	3.38	13.77	28.96	12.09	4.76
17447	11.6	11.6	30.88	9.96	9.4	41.94	37.02	6.84		20118	13.77	5.24	32.16	9.17	13.77	33.09	19.64	7.3
17448	15.89	15.89	35.98	9.36	9.99	49.95	37.02	11.17		20119	13.77	7.75	25.74	2.61	13.77	34.18	19.64	1.16
17449	15.89	15.89	28.91	8.04	14.93	57.3	37.02	10.6		20120	13.77	8.82	30.04	1.2	13.77	28.21	21	1.69
17450	15.89	15.89	17.85	2.61	15.55	26.82	37.02	1.27		20121	15.74	15.74	34.59	1.21	13.77	26.53	21	1.69
17451	15.55	11.21	21.67	2.61	15.55	21.6	37.02	1.27		20122	17.86	15.52	28.31	1.48	22.15	17.86	21	1.69
17452	17.16	12.31	28.4	2.61	49.5	17.16	37.02	1.27		20123	10.35	9.43	29.98	1.48	22.15	10.35	21	1.69
17453	17.35	17.11	33.65	2.61	52.68	17.35	30.54	1.27		20124	10.95	10.95	30.26	4.19	22.15	8.72	21	1.69
17454	10.25	10.25	32.81	5.54	38.29	9.66	22.02	1.27		20125	13.19	13.19	35.33	5.48	22.07	9.92	21	1.69
17455	14.89	10.25	21.62	16.78	38.29	6.64	14.89	4.69		20126	17.52	13.54	47.58	16.35	22.56	13.81	43.11	17.52

Table 3

17456	9.86	8.12	24.77	17.03	38.29	5.31	9.86	6.27		20127	19.5	19.5	12.63	36.9	4.36	39.12	60.34	10.53
17457	8.73	8.14	32.7	19.42	38.29	6.27	8.73	8.42		20128	19.5	19.5	12.71	38.02	4.28	37.75	60.34	10.53
17458	11.88	11.38	37.64	19.82	38.29	7.9	11.12	11.88		20129	19.64	19.64	13.27	49.47	5.84	39.78	63	10.61
17459	15.72	15.72	40.46	17.13	20.51	11.66	5.62	13.69		20130	11.71	11.71	7.67	8.28	45.27	30.08	50.62	1.71
17460	15.72	15.72	35.02	15.4	20.51	24.49	4.35	13.08		20131	12.67	12.67	8.6	8.88	44.36	24.17	47.6	1.71
17461	14.34	13.72	14.34	7.43	48.05	21.99	36.94	2.24		20132	17.62	5.66	14.41	18.51	17.62	41.52	53	5.12
17462	13.72	13.72	16.16	7.61	49.16	9.69	32.11	1.83		20133	18.65	13.66	17.78	29.49	18.65	22.5	41.55	2.63
17463	7.59	3.76	18.39	7.59	50.48	6.01	25.03	1.47		20134	3.65	9.31	0.25	3.39	18.58	3.65	4.94	1.54
17464	7.74	3.88	22.37	7.74	52.63	5.57	18.39	1.96		20135	2.81	5.27	0.24	3.39	18.96	1.32	2.81	1.54
17465	14.71	6.59	29.06	14.71	61.73	7.72	28.81	2.56		20136	0.88	0.23	0.4	0.88	28.69	0.37	1.76	1.54
17466	9.57	8.09	32.89	7.21	28.93	9.57	36.58	3.11		20137	0.51	0.09	0.38	0.51	36.26	0.09	0.58	1.54
17467	6.96	0.99	10.24	6.96	13.45	1.74	34.86	1.58		20138	0.45	0.05	0.59	0.45	38.14	0.08	0.34	1.54
17468	6.76	0.99	7.09	6.76	11.35	0.21	34.86	1.53		20139	0.31	0.05	1.02	0.31	41.82	0.08	0.24	1.62
17469	4.9	0.99	4.9	6.15	9.9	0.07	29.98	1.37		20140	0.36	0.22	1.2	0.36	18.32	0.12	0.19	2.24
17470	5.45	0.99	5.45	6.2	9.65	0.06	24.82	1.42		20141	0.76	0.36	4.5	0.76	18.32	0.39	0.2	2.24
17471	6.98	0.99	6.98	10.88	15.59	0.08	34.86	1.41		20142	0.91	0.36	6.47	0.56	18.32	0.91	0.26	1.87
17472	9.28	2.46	9.28	15.93	23.85	0.34	34.86	4		20143	2.19	4.27	3.43	0.57	18.32	2.19	0.49	1.87
17473	11.35	2.61	11.35	29.87	30.67	6.27	34.86	4.25		20144	2.74	4.45	5.81	0.62	18.32	2.74	1.88	1.87
17474	6.08	2.19	14.22	3.26	26.03	6.08	30.78	3.56		20145	4.09	5.11	5.17	0.78	18.32	4.09	2.53	1.87
17475	3.26	2.19	15.08	2.9	23.08	2.4	26.05	3.26		20146	4.07	5.11	4.07	1.1	18.32	5.09	3.38	1.87
17476	3.42	2.19	19.11	3.18	21.85	2.43	20	3.42		20147	5.84	5.84	5.17	1.6	25.58	6.01	10.17	1.87
17477	3.44	2.19	20.07	3.21	20.99	2.76	19.59	3.44		20148	5.17	1.76	5.17	1.6	26.42	5.84	10.17	1.87
17478	10.16	2.19	20.07	9.48	24.24	4.32	29.11	10.16		20149	5.17	1.75	5.17	2.04	26.41	6.99	10.17	2.92
17479	10.1	2.72	20.07	3.28	28.39	10.2	10.1	1.04		20150	6.73	6.66	5.17	7.67	35.32	6.73	23.78	4.01
17480	10.1	2.66	47.84	3.98	32.66	26.92	10.1	1.05		20151	5.88	6.66	5.17	5.88	14.47	2.27	19.85	4.01
17481	10.1	8.45	53.03	4.14	51.13	42	10.1	1.1		20152	4.01	8.08	1.59	3.29	12.73	0.94	10.17	4.01
17482	10.1	8.11	50.92	3.89	51.13	39.96	10.1	1.04		20153	6.21	8.36	2.84	3.25	12.46	0.63	36.32	6.21
17483	10.1	8.26	56.25	4.14	51.13	44.41	10.1	1.05		20154	4.88	7.06	3.29	4.68	11.71	0.52	36.39	4.88

Table 3

17484	15.34	15.34	59.49	11.02	51.13	54.04	10.1	3.52		20155	2.55	1	2.55	2.03	16.29	0.62	11.32	3.73
17485	14.78	20.8	0.72	31.46	14.23	14.78	39.02	2.2		20156	2.55	1.89	2.55	2.32	21.87	1	6.05	3.73
17486	4.02	10.29	0.49	7.86	24.78	4.02	1.49	1.39		20157	4.37	1.94	2.55	6.62	29.14	4.09	4.78	4.37
17487	1.81	7.01	0.44	7.47	23.89	1.81	0.5	1.27		20158	4.13	1.13	2.55	5.27	30.82	13.24	4.1	4.13
17488	1.88	7.5	0.46	7.1	24.96	1.88	0.28	1.45		20159	4.29	1.05	2.55	5.07	31.27	6.3	4.29	1.54
17489	1.69	3.23	0.45	5.27	16.74	1.69	0.14	1.28		20160	3.31	1.06	3.31	3.26	30.93	3.56	3.73	1.41
17490	2.31	3.19	0.93	4.84	17.82	1.89	0.12	2.31		20161	3.04	1	3.84	3.04	28.7	2.42	3.55	0.75
17491	2.2	4.49	1.73	4.41	18.73	2.2	0.22	1.04		20162	2.84	0.46	12.3	2.84	36.26	1.43	7.13	0.42
17492	5.05	5.53	8.04	4.75	19.51	5.05	0.22	1.68		20163	1.68	0.46	11.84	1.59	40.12	1.68	7.78	0.75
17493	3.07	0.68	22.53	2.29	25.27	8.28	3.07	1.21		20164	1.7	0.46	10.78	1.59	37.86	1.7	5.6	1.13
17494	4.26	0.68	15.07	0.7	31.46	10.03	4.26	1.07		20165	2.6	0.76	9.74	1.59	42	2.6	5.18	1.52
17495	4.26	0.68	14.34	0.62	31.46	13.35	4.26	1.62		20166	1.69	0.76	1.59	1.26	35.24	3.28	4.85	1.69
17496	4.36	1.67	15.81	0.64	31.46	14.02	4.36	2.42		20167	1.93	1.02	1.93	1.26	32.13	3.85	7.8	1.69
17497	4.76	2.99	17.94	0.62	31.46	14.21	4.76	4.17		20168	2.44	0.97	2.44	1.26	29.48	5.79	9.23	1.69
17498	11.11	2.99	21.69	0.67	40.48	18.05	7.13	11.11		20169	4.63	3.31	4.63	1.26	28.24	12.54	6.32	1.69
17499	11.11	2.99	21.69	0.81	41.52	18.27	6.48	11.11		20170	6.32	3.31	6.38	1.52	30.91	21.99	6.32	1.87
17500	11.66	8.6	21.69	3.18	42.77	20.32	8.3	11.66		20171	6.32	3.31	9.04	2.44	30.01	34.21	6.32	1.87
17501	7.98	12.2	3.63	0.83	43.44	18.77	7.98	1.22		20172	6.32	3.31	12.2	1.67	30.01	71.55	6.32	1.87
17502	5.68	5.68	3.63	0.72	35.77	8.03	8.3	1.16		20173	5.05	3.31	18.53	1.39	15.72	83.99	4.28	5.05
17503	3.63	5	3.63	0.67	36.81	2.69	7.42	1.16		20174	5.64	4.15	13.69	0.69	15.72	85.52	4.28	5.64
17504	3.19	3.19	3.63	0.58	35.21	1.54	4.84	1.16		20175	6.2	4.95	13.69	0.69	15.72	86.43	4.28	6.2
17505	2.98	2.98	3.63	0.73	36.16	1.74	4.29	1.16		20176	9.29	9.29	13.69	0.7	15.72	86.23	4.28	6.76
17506	3.23	3.23	3.63	1.28	42.87	2.74	12.95	1.16		20177	4.28	8.09	0.37	0.52	11.64	81.73	4.28	1.05
17507	4.2	5.08	3.63	2.36	46.52	4.2	19.68	1.16		20178	4.28	7.37	0.33	0.59	11.64	78.15	4.28	0.98
17508	16.23	5.68	24.69	16.23	52.98	11.58	28.77	8.92		20179	4.28	4.35	0.26	1.01	11.64	73.98	4.28	0.3
17509	19.63	8.98	25.45	6.22	19.63	39.23	41.11	8.96		20180	4.27	4.27	0.23	1.01	11.64	68.37	14.77	0.3
17510	14.59	0.53	45.63	45.82	7.85	14.59	55.08	4.69		20181	4.43	4.43	0.24	1.29	11.64	63.12	14.77	0.3
17511	17.35	0.53	45.63	43.8	10.79	17.35	46.98	4.69		20182	4.27	4.27	0.46	2.28	11.64	56.14	14.77	0.3

Table 3

17512	18.88	0.54	45.63	46.16	15.22	18.88	46.98	5.37		20183	4.4	4.4	0.49	1.93	11.64	50.42	5.92	0.3
17513	19.74	9.7	51.66	18.45	29.63	46.4	19.74	0.47		20184	3.98	9.08	1.54	3.56	15.43	54.69	3.98	0.86
17514	10.46	10.42	6.14	16.83	29.63	24.44	10.46	0.44		20185	9.87	9.87	24.69	3.89	17.05	61.71	3.56	0.86
17515	10.09	10.09	8.04	19.93	29.63	22.35	9.36	0.44		20186	18.11	19.81	24.69	4.41	18.11	65.42	3.06	5.12
17516	10.64	10.05	10.64	19.85	45.29	20.83	7.56	0.44		20187	19.99	29.6	19.93	19.99	8.54	32.38	60.34	16.57
17517	6.27	3.22	6.09	21.22	50.06	18.82	6.27	0.46		20188	16.57	29.6	6.09	23.62	0.23	64.81	6.92	16.57
17518	9.19	3.62	9.19	34.86	50.94	23.75	6.98	1.79		20189	10.4	15.15	9.9	13.67	0.25	77.45	1.81	10.4
17519	11.77	3.76	11.77	33.79	51.96	30.3	5.23	1.77		20190	12.41	14.41	11.82	12.41	1.64	78.91	1.37	13.5
17520	9.29	9.29	6.21	10.98	21.68	23.53	3.87	4.76		20191	12.6	14.41	12.05	12.6	1.68	85.22	1.36	13.57
17521	9.43	9.43	9.06	10.98	21.68	21.91	4.56	4.83		20192	13.42	8.98	13.42	14.04	11.51	83.21	1.38	14.96
17522	10.98	15.11	9.17	10.98	21.68	17.51	6.33	4.54		20193	8.44	8.98	8.44	8.99	3.61	71.02	1.29	6.18
17523	9.46	21.64	9.3	9.46	21.68	15.76	6.33	4.18		20194	18.39	18.39	26.94	14.4	39.73	64.84	5.83	6.18
17524	12.41	22.61	12.41	10.5	21.68	21.29	6.33	4.38		20195	16.64	14.5	14.34	5.91	16.64	86.71	19.61	19.37
17525	12.75	15.8	5.48	9.75	22.09	12.75	83.54	0.3		20196	15.34	9.34	14.34	4.46	16.64	87.69	19.61	15.34
17526	9.75	11.59	5.95	9.75	21.65	5.75	81.54	0.3		20197	14.34	8.79	14.34	4.59	16.64	87.81	19.61	13.73
17527	9.75	14.05	6.29	9.75	27.2	4.19	76.2	0.3		20198	14.34	8.27	14.34	4.72	16.64	88.45	19.61	11.4
17528	7.21	7.21	5.51	8.72	30.45	3.17	60.14	0.3		20199	14.34	11.38	14.34	3.58	16.64	84.38	19.61	6.15
17529	7.21	7.21	6.65	11.91	30.45	4.18	23.43	0.3		20200	11.93	11.68	14.34	3.67	33.91	81.24	11.93	3.43
17530	16.87	19.19	7.14	16.87	30.45	6.83	23.43	0.3		20201	11.93	2.27	14.34	4.91	33.91	72	11.93	3.39
17531	16.56	9.99	3.61	23.56	66.07	16.56	23.43	0.19		20202	11.93	2.24	35.29	4.06	33.91	63.86	11.93	3.22
17532	12.47	10.72	3.84	25.19	66.07	12.47	20.7	0.2		20203	11.93	2.22	21.54	0.34	36.92	56.33	11.93	2.53
17533	7.49	7.21	2.55	14.86	46.93	7.49	16.31	0.19		20204	11.93	2.22	21.23	0.3	35.44	53.2	11.93	3.02
17534	18.64	20.48	2.55	18.64	46.93	6.08	23.43	0.2		20205	11.93	3.67	22.95	0.3	41.96	41.09	11.93	4.38
17535	10.25	10.25	2.55	18.64	46.93	5.17	27.69	0.21		20206	11.93	8.98	22.95	0.28	41.96	32	11.93	4.56
17536	10.25	10.25	2.55	18.64	43.32	3.61	27.69	0.87		20207	7.82	8.34	7.82	2.36	6.73	27.94	19.94	6.89
17537	10.25	10.25	9.21	18.64	42.16	6.3	30.16	0.91		20208	8.62	8.62	10.68	8.46	2.3	31.07	19.94	7.61
17538	15.31	10.25	15.31	24.12	39.21	7.58	30.16	9.97		20209	9.06	8.6	12.89	9.06	2.58	39.92	19.94	7.5
17539	10.53	4.84	1.06	13.64	9.49	36.77	22.38	10.53		20210	7.82	8.34	7.82	0.24	2.39	51.34	19.94	4.69

Table 3

17540	12.4	7.73	1.24	13.64	12.4	29.16	24.66	10.53		20211	7.82	8.34	7.82	0.26	2.34	59.55	19.94	4.69
17541	15.67	7.59	1.41	18.39	15.67	23.73	23.2	10.53		20212	7.82	8.34	7.82	0.27	3.08	64.8	19.94	4.69
17542	12.03	16.6	1.9	22.2	12.03	22.62	10.61	10.53		20213	5.05	8.34	5.05	0.24	1.42	31.29	19.94	4.69
17543	12.03	16.6	2.7	30.76	12.03	25.37	10.61	10.53		20214	8.34	8.34	5.87	0.23	1.42	17.3	23.93	9.43
17544	12.03	20.56	4.39	52.13	12.03	35.78	10.92	10.53		20215	9.43	8.34	7.62	1.35	37.25	13.26	16.81	9.43
17545	16.21	16.21	9.73	31	2.45	37.29	32.97	15.22		20216	9.43	2.71	9.84	1.43	35.63	9.33	15.13	9.43
17546	16.92	16.92	12.31	24.8	2.5	22.21	50.76	14.67		20217	15.41	2.85	14.97	22.1	36.39	8.94	15.64	15.41
17547	15.22	12.33	15.22	23.52	2.72	15.95	45.77	8.53		20218	19.15	2.87	21.28	30.5	31.2	11.48	17.59	19.15
17548	16.56	12.33	35.52	24.18	2.96	16.56	53.43	8.59		20219	19.99	27.87	36.52	19.99	71.83	18.77	3.3	1.31
17549	16.56	12.33	39.21	24.15	5.72	16.56	53.43	8.55		20220	17.9	17.9	40.39	19.99	71	17.83	2.74	1.78
17550	19.02	19.02	21.12	9.66	75.22	25.88	12.61	12.23		20221	17.9	17.9	38.1	19.99	68.12	14.55	2.6	2.37
17551	18.08	18.08	25.61	9.66	75.22	22.78	9.79	12.23		20222	17.9	17.9	43.62	19.99	75.22	17.19	11.93	4.14
17552	18.53	22.29	18.53	9.66	75.22	24.05	9.69	12.23		20223	19.99	17.9	50.48	19.99	75.22	27.65	11.93	10.58
17553	18.53	21.57	18.53	9.66	75.22	23.95	9.35	12.23		20224	18.12	32.11	58.36	17.15	70.91	17.65	8.55	18.12
17554	18.53	27.01	18.53	13.64	37.32	24.82	12.1	12.23		20225	16.81	6.88	40.87	16.81	70.91	14.57	16.45	17.63
17555	18.53	27.24	18.53	15.71	37.32	30.22	9.91	12.23		20226	12.64	1.28	13.45	12.64	47.56	10.43	27.42	12.35
17556	18.53	37.54	18.53	16.46	37.32	42.32	11.15	12.23		20227	12.06	0.76	16.02	12.06	42.97	10.75	29.92	8.92
17557	18.95	8.54	18.95	9.7	43.98	47.22	59.39	13.94		20228	16.55	8.84	2.14	19.36	19.06	16.55	38.22	1.87
17558	9.97	5.17	4.48	21.53	11.63	9.22	69.9	9.97		20229	18.19	22.71	1.85	20.72	18.19	5.64	37.87	1.87
17559	7.03	5.17	4.71	17.66	11.72	3.61	66.48	7.03		20230	18.78	22.25	1.83	20.72	18.78	5.55	32.42	1.87
17560	7.03	5.17	4.85	18.97	11.42	2.24	63.98	7.03		20231	17.72	23.36	2.2	20.72	17.72	6.73	32.42	1.87
17561	7.03	5.17	5.51	22.49	11.65	1.96	64.25	7.03		20232	5.94	5.94	2.49	11.04	27.69	5	32.42	1.87
17562	7.23	5.17	7.23	22.97	21.14	2.71	65.66	7.03		20233	6.66	5.91	2.89	22.36	47.67	6.66	32.42	1.94
17563	9.25	5.17	9.25	27.81	35.83	5.24	69.9	7.03		20234	16.24	5.95	4.98	23.14	59.27	16.24	32.42	1.98
17564	19.12	11.05	5.37	24.53	19.12	46.34	11.55	32.66		20235	18.2	0.18	28.84	18.2	6.96	27.04	30.58	17.43
17565	19.12	11.02	7.28	24.95	19.12	41.08	11.55	33.37		20236	19.4	5.26	34.72	19.4	11.77	25.82	34.95	18.27
17566	19.12	10.35	7.83	39.07	19.12	29.91	15.52	34.18		20237	19.7	3.79	41.96	19.7	12.04	27.68	35.43	18.82
17567	19.12	10.17	9.87	41.77	19.12	29.32	16.23	37.93		20238	18.08	14.48	27.37	12.27	35.48	23.71	18.08	3.19

Table 3

17568	17.05	8.9	23.2	17.05	75.22	54.26	6.87	8.92		20239	16.97	14.11	27.37	12.27	35.48	16.97	17.52	3.19
17569	15.04	2.71	19.52	15.04	75.22	38.77	4.62	8.92		20240	14.63	14.12	27.37	12.27	35.48	14.63	22.48	3.19
17570	15.04	2.71	23.01	15.04	75.22	31.94	2.26	8.92		20241	16.74	14.11	27.37	12.27	35.48	16.74	22.98	3.19
17571	15.04	2.71	26.05	15.04	75.22	29.62	3.12	8.92		20242	12.12	12.12	42.98	7.41	8	49.32	20.32	11.11
17572	19.67	2.71	31.46	19.67	55.77	33.17	3.35	10.56		20243	16.68	16.68	42.98	7.41	8	30.84	20.32	11.11
17573	19.06	1.37	38.4	13.64	49.75	51.48	8.9	19.06		20244	11.11	8.24	42.98	7.41	8	21.11	20.32	11.11
17574	15.27	1.33	42.29	13.64	52.3	31.12	7.4	15.27		20245	11.11	8.24	42.98	7.41	8	21.83	20.32	11.11
17575	12.82	1.26	34.15	12.82	24.83	18.27	4.78	8.92		20246	13.05	13.05	42.98	11.96	8	23.36	20.32	11.11
17576	14.51	1.24	36.82	15.56	20.55	14.51	4.9	9.12		20247	13	13	42.98	12.27	8	29.08	20.32	11.11
17577	14.72	1.25	43.71	23.45	21.03	14.72	5.58	9.92		20248	11.71	11.71	48.09	6.82	17.21	31.73	4.03	9.56
17578	18.01	2.18	44.04	27.42	22.17	18.01	15.54	7.46		20249	17.21	21.33	49.93	6.89	17.21	31.29	4.06	10.17
17579	18.01	13.04	54.18	25.22	15.62	18.01	37.13	17.28		20250	15.32	39.11	15.32	8.71	4.32	68.64	48.94	10.7
17580	17	13.04	54.18	25.59	12.52	14.46	40.02	17		20251	15.32	39.6	15.32	9.26	4.32	63.1	40.95	11.45
17581	14.56	13.04	54.18	29.26	11.69	12.47	64.33	14.56		20252	15.32	39.75	15.32	11.68	6.77	62.6	26.97	9.97
17582	18.07	13.04	54.18	40.95	11.96	15.54	73.68	18.07		20253	15.32	39.79	15.32	11.5	8.03	51.52	25.93	9.97
17583	19.06	1.35	30.38	13.64	49.94	42.75	6.99	19.06		20254	2.44	3.9	0.21	7.94	2.19	1.71	21.12	2.44
17584	15.27	1.31	34.15	13.64	50.34	25.92	7.27	15.27		20255	2.28	1.52	0.24	5.43	2.28	0.17	3.9	2.44
17585	12.71	1.24	29.29	12.71	24.34	15.51	4.69	8.88		20256	1.52	0.64	0.31	4.94	2.49	0.06	3.9	1.52
17586	12.46	1.23	31.99	15.43	20.47	12.46	4.81	9.09		20257	0.84	0.24	0.31	5.93	2.5	0.03	3.9	0.84
17587	18.16	8.01	18.16	1.76	30.04	83.52	22.59	4.48		20258	0.91	0.31	0.45	6.11	4.85	0.04	4.32	0.91
17588	18.16	10.25	18.16	3.14	30.04	46.47	22.59	3.73		20259	1.21	0.59	0.68	7.94	9.08	0.06	9.6	1.21
17589	11.22	7.76	17.78	3.04	30.04	11.22	22.59	3.73		20260	2.1	1.36	1.06	7.94	15.94	0.5	10.09	2.1
17590	3.91	7.76	2.93	1.7	30.04	3.91	22.59	3.73		20261	17.42	7.51	17.42	19.17	20.33	7.72	30.22	3.19
17591	3.73	7.76	2.96	1.48	30.04	3.46	22.59	3.73		20262	7.19	3.66	7.19	3.02	41.65	23.73	9.18	2.32
17592	3.79	7.76	3.79	2.03	30.04	3.04	22.59	3.73		20263	12.35	43.67	7.19	3.07	39.74	31.98	8.86	12.35
17593	4.22	7.76	3.93	2.3	30.04	4.22	23.68	3.73		20264	11.64	44.59	7.19	2.52	41.02	26.71	8.46	11.64
17594	8.31	8.1	4.48	14.24	58.84	8.31	23.68	3.73		20265	8.46	9.56	7.19	2.01	40.8	12.77	8.46	5.12
17595	18.62	24.06	28.98	5.12	18.62	23.66	16.9	8.92		20266	4.52	8.63	4.89	1.25	39.47	4.52	3.34	2.21

Table 3

17596	14.42	14.1	54.84	14.42	37.39	39.74	12.13	8.76		20267	4.45	8.67	4.88	1.6	33.35	2.97	4.45	2.16
17597	18.29	16.6	64.66	12.95	18.29	56.31	13.37	35.44		20268	3.66	3.66	5.27	1.84	24.86	3.42	4.43	1.74
17598	18.84	16.6	33.45	14.34	18.84	48.26	14.15	30.45		20269	5.37	6.25	8.59	2.24	23.72	2.88	5.37	2.15
17599	17.62	16.6	30.85	16.37	17.62	40.81	15.31	31.24		20270	6.42	7.17	9.03	2.76	23.34	4.5	6.42	2.64
17600	10.16	2.99	13.19	10.16	9	29.28	53.52	6.18		20271	8.15	7.17	18.64	2	26.21	8.15	9.71	4.95
17601	10.98	7.14	16.42	10.98	10.28	24.39	56.2	6.18		20272	7.17	7.17	5.19	2.38	19.71	17.93	8.71	5.78
17602	16.77	8.11	21.67	16.77	10.87	30.78	56.2	6.18		20273	12	7.17	10.35	2.2	19.86	28.32	12	15.55
17603	17.1	9.33	25.26	17.1	12.55	27.72	55.94	6.18		20274	7.17	7.17	3.71	2.09	6.69	34.85	10.02	14.25
17604	19.36	8.19	29.53	15.71	19.36	25.22	36.02	6.18		20275	7.45	17.87	3.39	2.98	6.69	43.01	7.45	17.44
17605	17.8	4.29	24.31	36.78	12.18	32.66	8.07	17.8		20276	9.58	18.09	3.39	3.81	6.69	44.14	9.58	17.68
17606	17.32	4.29	25.76	36.02	11.35	23.97	6.23	17.32		20277	15.48	15.99	3.39	5.1	6.69	48.02	15.48	18.71
17607	17.8	4.29	29.79	37.43	11.07	23.67	5.06	17.8		20278	12.82	12.82	3.39	14.35	0.41	59.62	3.22	17.09
17608	17.8	4.29	32.48	40.72	11.35	22.19	5.42	17.8		20279	5.99	2.84	27.74	7.98	0.59	63.77	3.22	5.99
17609	17.8	4.29	40.04	41.82	14.57	30.01	5.57	17.8		20280	3.22	2.69	2.37	4.69	2.36	61.58	3.22	5.37
17610	19.04	9.61	16.19	30.85	75.22	35.89	19.04	12.43		20281	3.22	2.27	2.37	3.45	2.19	55.49	3.22	4.59
17611	19.09	12.14	19.09	35	75.22	35.39	17.63	11.54		20282	2.04	1.53	2.37	0.57	1.77	38.74	3.22	2.04
17612	17.8	13.28	1.69	34.23	48.28	30.09	14.02	17.8		20283	2.01	0.96	2.37	0.57	1.44	20.66	3.22	2.01
17613	17.8	9.74	1.9	35.05	47.69	33.61	11.53	17.8		20284	2.37	1.23	2.37	0.57	1.46	14.63	3.22	2.58
17614	17.8	13.2	2.78	35.35	47.69	38.22	14.26	17.8		20285	2.68	1.22	2.37	0.64	30.66	15.14	6.31	2.68
17615	12.65	11.59	2.41	14.19	46.57	27.82	12.65	9.33		20286	3.16	1.55	2.37	0.78	30.66	18.78	6.83	3.16
17616	11.59	11.59	4.17	16.75	46.57	40.08	11.18	9.61		20287	12.46	1.62	12.46	3.49	30.66	26.55	17.02	8.37
17617	19.49	11.59	36.71	28.21	27.6	19.49	17.89	7.03		20288	12.46	3.56	12.46	4.23	28.32	37.68	17.02	9.31
17618	18.08	1.01	36.71	24.99	18.08	6.83	23.85	10.53		20289	18.08	18.08	3.25	0.95	19.45	41.08	40.28	5.42
17619	16.28	1.01	36.71	35.76	16.28	7.73	23.85	10.53		20290	18.08	18.08	4.1	1.46	19.54	35.09	45.67	5.42
17620	15.4	0.9	36.71	36.34	15.4	10.75	23.85	10.53		20291	10.66	13.16	3.88	8.95	10.66	32.65	54.69	1.58
17621	11.41	11.41	18.91	23.45	44.73	9.3	6.83	0.11		20292	15.43	18.5	5.54	15.43	11.19	37.49	58.6	1.58
17622	11.41	11.41	20.11	23.45	44.73	6.3	7.29	0.11		20293	18.74	18.74	3.03	19.7	12.24	42.32	68.68	1.49
17623	11.41	11.41	16.69	23.45	44.73	4.98	10.28	0.11		20294	18.15	2.47	9.19	23.66	18.15	34.3	26.86	2.3

Table 3

17624	11.41	11.41	15.27	14.17	44.73	5.89	10.96	0.11		20295	11.52	8.98	11.52	29.01	0.18	30.6	25.5	3.76
17625	15.33	11.41	19.44	15.33	50.74	10.6	27.94	0.11		20296	14.88	5.24	15.71	29.3	0.17	34.6	14.88	3.48
17626	17.2	10.76	38.78	10.24	24.36	17.2	29.26	5.51		20297	12.86	5.24	22.71	18.51	0.16	33.15	8.44	12.86
17627	6.09	4.5	38.78	5.93	23.79	6.09	23.25	0.17		20298	15.16	2.66	29.15	21.21	0.16	37.03	15.16	12.86
17628	4.84	4.48	38.78	4.84	23.35	2.92	19.97	0.17		20299	9.61	2.66	23.87	15.62	1.39	38.2	9.61	5.05
17629	5.12	4.35	44.09	5.12	29.04	3.31	14.99	0.17		20300	4.52	2.03	21.84	6.64	0.92	30.04	4.52	4.13
17630	4.21	4.21	49.35	3.7	34.21	3.6	14.15	0.17		20301	3.89	1.42	25.69	3.89	0.14	20.67	3.31	5.88
17631	6.05	5.77	36.41	3.7	37.22	6.05	14.15	0.17		20302	5.86	1.42	31.52	3.93	15.67	18.81	2.86	5.86
17632	11.72	11.72	40.88	8.57	37.22	10.69	14.15	0.17		20303	5.97	1.42	39.31	3.93	15.83	17.2	3.45	5.97
17633	14.15	2.97	42.7	10.62	58.75	20.99	14.15	0.17		20304	11.18	1.42	39.31	4.37	15.83	18.13	4.68	11.18
17634	18.35	15.86	6.48	15.75	24.93	21.82	18.35	21.62		20305	14.18	1.42	39.31	7.05	15.83	24.17	1.16	14.18
17635	16.16	14.8	7.06	16.16	24.75	21.11	13.95	21.62		20306	15.83	3.81	39.31	10.92	15.83	38.6	2.05	24.6
17636	16.53	15.33	7.19	16.53	23.94	23.36	11.06	21		20307	5.42	2.16	8.27	1.77	15.83	44.16	1.72	5.42
17637	16.89	29.92	13.26	11.54	9.64	27.69	16.89	21		20308	2.37	2.37	8.27	1.4	17.21	17.14	2.01	1.4
17638	13.07	7.66	17.05	13.07	9.64	24.16	14.58	4.44		20309	2.36	2.36	8.27	1.21	14.4	11.78	1.72	1.4
17639	14.78	2.85	25.54	14.78	9.64	18.11	17.58	4.56		20310	2.7	2.24	8.27	0.9	12.48	6.84	2.7	1.37
17640	15.49	2.83	50.6	15.49	9.64	17.09	18.03	4.61		20311	2.66	2.24	8.27	0.9	13.34	5.46	2.66	1.21
17641	13.67	2.67	39.13	15.67	9.64	13.67	17.58	4.1		20312	7.81	5.33	10.51	0.9	17.14	7.81	35.36	1.4
17642	16.28	2.64	47.72	16.28	9.64	18	17.58	5.29		20313	10.72	8.75	10.72	1.28	22.35	12.18	35.36	1.4
17643	19.16	3.6	52.43	19.16	9.64	23.82	21.98	8.97		20314	11.15	8.94	49.55	16.81	3.92	11.15	41.82	1.47
17644	8.92	13.71	11.79	8.33	8.22	18.71	0.68	8.92		20315	14.67	11.46	49.93	20.31	3.3	14.19	38.53	14.67
17645	8.92	13.38	13.07	8.14	7.99	8.92	0.68	8.92		20316	14.67	11.46	49.93	18.77	3.2	9.78	30.16	14.67
17646	7.63	12.45	11.24	8.52	7.26	5.25	0.74	7.63		20317	14.67	9.02	49.93	14.94	3.01	8.04	29.06	14.67
17647	6.17	12.03	6.17	8.96	6.62	4.54	0.71	5.63		20318	11.46	11.46	36.72	8.1	4.24	9.53	22.87	13.97
17648	6.58	4.01	7.71	10.02	11.15	5.23	2.64	6.58		20319	11.46	11.46	38.18	7.16	6.28	12.95	31.16	11.24
17649	9.77	4.01	11.12	11.67	17.92	8.38	2.64	9.77		20320	16.82	11.46	43.78	7.71	8.48	24.49	40.41	16.82
17650	13.07	4.01	13.07	14.76	24.23	16.88	2.64	12.09		20321	19.2	11.41	10.24	12.02	19.2	63.39	22.63	31.31
17651	19.31	4.01	25.01	15.96	24.23	19.31	8.43	24.02		20322	9.84	11.41	7.36	2.61	9.84	46.4	21.58	3.44

Table 3

17652	7.9	4.01	23.29	7.9	24.23	22.04	4.42	4.06		20323	9.21	1.59	9.21	1.14	10.16	34.51	22.82	3.44
17653	9.43	4.01	31.64	9.43	41.99	22.17	4.94	4.04		20324	9.13	0.78	9.21	1.06	9.13	29.03	24.1	3.44
17654	8.85	4.01	40.87	8.85	41.99	18.64	2.53	3.57		20325	8.93	0.78	9.21	1.02	8.93	26.99	21.83	3.44
17655	10.09	10.09	20.24	8.57	41.99	12.63	1.87	3.28		20326	9.21	0.78	9.21	1.12	11.22	29.15	20.86	3.44
17656	8.77	13	22.7	8.57	41.99	8.77	1.41	3.19		20327	9.21	0.78	9.21	4.21	14.55	36.63	29.39	3.44
17657	13	13	14.15	14.6	40.18	5.12	1.14	4.79		20328	9.21	1.36	9.21	5.05	21.01	52.05	29.39	3.44
17658	11.97	13	11.97	14.15	35.9	3.88	1.35	4.64		20329	16.81	12.37	6.99	34.2	59.84	16.81	80.57	12.23
17659	5.42	4.11	1.43	9.62	30.92	1.92	9.57	5.42		20330	6.47	8.34	0.13	1	51.29	3.02	13.28	6.47
17660	5.42	3.51	2.03	10.16	30.01	1.78	11.64	5.42		20331	4.26	8.34	0.07	1	48.84	0.52	6.89	4.26
17661	5.42	3.08	2.41	11.09	34.2	1.65	14.95	5.42		20332	2.41	2.41	0.11	0.91	55.02	0.11	3.65	2.42
17662	5.42	4.12	3.64	11.54	36.83	2.96	22.74	5.42		20333	0.86	1.4	0.11	0.67	53.7	0.06	0.86	2.07
17663	7.21	7.21	4.86	6.95	15.17	5.51	9.49	9.44		20334	0.88	0.88	0.15	0.88	53.7	0.06	0.46	3.05
17664	7.81	7.21	6.64	6.95	15.17	7.81	11.64	9.44		20335	0.74	0.74	0.31	1	53.7	0.07	0.18	4
17665	9.44	4.37	10.26	5.83	15.17	9.14	17.08	9.44		20336	1	1.14	0.48	1	53.7	0.09	0.15	5.16
17666	9.97	4.37	27.37	6.95	15.17	6.6	18.43	9.97		20337	3.16	1.14	3.88	3.16	53.7	0.24	0.14	8.92
17667	9.97	4.37	27.37	6.95	15.17	6.04	16.8	9.97		20338	2.66	1.14	5.63	5.13	53.7	0.5	0.36	2.66
17668	10.26	4.37	27.37	7.35	15.17	5.44	15.7	10.26		20339	1.57	1.49	3.81	1.57	53.7	0.6	0.19	1.87
17669	10.43	4.37	27.37	8.12	15.17	7.62	15.88	10.43		20340	1.48	1.42	7.86	1.48	60.94	0.44	0.21	1.87
17670	19.23	4.37	27.37	15.53	19.23	14.61	35.21	20.31		20341	1.4	1.39	8.86	1.4	60.94	0.43	0.23	1.87
17671	17.93	8.84	47.61	17.93	17.64	53.49	38.61	3.19		20342	1.18	1.38	9.58	1.18	60.94	0.24	0.23	0.17
17672	17.93	8.84	37.07	17.93	72.64	30.74	16.17	3.19		20343	1.48	2.27	12.39	1.48	60.94	0.17	0.8	0.17
17673	16.74	2.7	41.68	12.67	20.36	16.74	16.75	3.19		20344	3.11	3.71	17.41	3.11	70.04	0.44	1.64	0.23
17674	12.74	1.95	48.66	12.74	20.08	12.07	16.92	3.19		20345	2.87	3.86	17.78	2.87	69.42	0.8	1.91	0.17
17675	15.57	1.24	51.93	19.71	18.52	12.05	15.57	3.19		20346	5.2	6.15	17.78	4	67.7	1.48	5.2	0.17
17676	15.74	0.98	59.29	26.33	15.74	21.62	15.51	3.19		20347	6.48	6.48	17.78	7.35	73.77	3.34	5.52	0.17
17677	19.31	4.45	30.38	19.31	1.79	56.45	64.47	18.28		20348	4.35	5.19	17.78	3.56	75.22	4.28	4.35	0.17
17678	19.12	3.22	28.72	24.95	0.07	19.12	83.87	7.03		20349	3.91	5.5	17.78	3.91	70.16	2.42	3.77	1.16
17679	12.81	11.48	12.81	42.92	0.19	27.43	40.49	12.22		20350	4.81	6.74	37.73	4.81	70.16	1.57	3.36	1.16

Table 3

17680	9.29	9.29	3.98	32.48	0.46	44.24	30.06	8.19		20351	4.88	6.9	37.73	4.88	32.32	2.05	3.73	1.16
17681	14.99	9.11	6.05	25.05	9.77	31.37	14.99	18.44		20352	9.03	8.34	37.73	5.76	32.32	3.51	10.46	9.03
17682	9.11	9.11	6.05	24.14	9.01	23.96	8.55	18.44		20353	14.9	18.2	56.82	14.9	32.32	7.29	8.77	11.11
17683	10.34	9.08	7.21	24.37	10.32	23.4	10.34	18.44		20354	18.19	18.19	19.35	15.21	32.32	20.54	8.77	11.11
17684	14.91	11.16	14.91	27.27	10.57	29.31	10.95	18.44		20355	17.61	16.43	17.39	39.52	30.32	17.61	45.77	4.42
17685	18.44	26.46	15.21	19.25	12.71	41.47	12.26	18.44		20356	14.57	0.11	20.9	12.59	21.25	14.57	47.81	3.74
17686	16.6	16.6	62.93	15.93	14.8	31.68	13.21	19.08		20357	13.82	0.11	20.87	12.08	18.54	13.82	39.4	4.62
17687	19.25	16.6	64.29	19.25	14.88	26.04	31.02	19.08		20358	14.64	0.11	20.73	11.19	19.65	14.64	20.24	4.97
17688	13.71	0.58	4.71	12.8	29.11	86.85	13.71	15.33		20359	4.12	0.11	2.72	4.12	23.74	12.45	12.87	2.43
17689	13.71	0.53	4.71	12.46	28.51	86.23	13.71	15.28		20360	4.09	0.21	2.93	4.09	26.89	10.23	12.87	2.42
17690	12.04	0.5	4.71	11.23	27.22	84.85	13.71	12.04		20361	4.64	0.21	3.86	4.64	25.18	11.75	12.87	3.04
17691	12.62	0.47	4.71	11.07	26.74	85.44	13.71	12.62		20362	9.98	9.98	4.89	4.06	26.89	16.43	12.87	2.93
17692	11.6	0.48	4.71	11.6	30.14	88.23	13.71	11.08		20363	9.07	9.07	5.27	1.12	26.89	20.47	12.87	0.69
17693	11.66	1.57	4.71	6.92	36.05	90.79	13.71	11.66		20364	9.7	9.7	7.02	1.25	26.89	28.52	12.87	0.81
17694	4.71	0.06	4.71	6.15	36.05	75.39	0.38	1.61		20365	8.34	6.17	8.34	0.56	26.89	54.83	16.55	0.74
17695	6.44	0.36	10.24	6.44	47.3	59.93	0.46	0.71		20366	10.21	5.79	27.37	0.27	29.01	66.05	10.21	0.76
17696	6.36	0.36	10.24	6.36	49.29	44.95	0.69	0.59		20367	4.11	3.18	27.37	0.24	4.11	74.01	4.37	0.78
17697	7.12	0.36	31.67	7.12	49.81	38.74	0.81	0.59		20368	3.92	3.23	22.95	0.37	4.11	77.86	3.92	1.92
17698	5.02	0.36	31.67	5.02	52.53	24.7	1.88	0.53		20369	3.92	3.26	22.95	0.38	4.11	80.79	3.92	1.98
17699	3.93	0.44	31.67	3.93	55.21	20.92	1.42	0.64		20370	4.13	4.13	22.95	0.7	0.12	80.58	1.81	4.44
17700	3.95	0.45	31.67	3.95	57.48	20.46	1.92	1.01		20371	4.58	4.68	18.16	1.14	0.51	80.02	1.61	4.58
17701	10.73	1.58	40.59	5.11	74.57	18.31	10.73	1.48		20372	4.3	13.64	18.16	0.76	0.48	75.9	4.3	1.05
17702	10.73	1.61	42.98	5.34	73.68	18.38	10.73	1.87		20373	4.65	15.29	4.86	0.97	0.95	72.38	4.65	1.05
17703	10.73	3.09	13.92	5.18	74.57	20.72	10.73	5.05		20374	4.78	4.78	4.86	1.14	0.88	64.51	6.75	1.69
17704	10.73	6.38	12.84	7.57	74.57	28.02	10.73	5.62		20375	2.03	3.85	2.03	1.23	0.96	53.26	4.38	1.87
17705	13.69	13.69	12.23	11.32	74.57	31.77	10.73	20.38		20376	1.87	3.36	2.03	1.31	0.04	39.16	0.98	1.87
17706	12.88	64.98	3.95	12.37	26.69	26.25	12.88	9.44		20377	3.98	3.14	2.03	3.98	4.47	32.58	12.08	1.87
17707	13.73	67.93	5.68	13.28	25.32	26.38	13.73	9.44		20378	4.47	3.4	2.03	5.31	4.47	34.44	10.78	1.54

Table 3

17708	4.09	7.76	3.72	2.28	30.04	4.09	23.68	3.73		20379	5.7	5.7	2.03	11.8	4.47	34.46	9.71	1.54
17709	8.11	8.11	4.33	14.24	47.53	7.6	23.68	3.73		20380	7.48	6.55	2.03	8.89	23.7	38.98	7.48	1.54
17710	10.29	1.42	4.52	17.87	4.14	46.95	11.11	10.29		20381	6.44	7.95	2.03	0.89	24.08	38.21	6.44	1.54
17711	7.32	1.42	5.93	17.87	4.14	37.03	7.32	9.72		20382	10.16	13.03	6.99	0.89	26.08	40.05	10.16	1.54
17712	7.32	1.42	6.21	18.84	4.14	35.03	7.32	10.78		20383	17.62	13.48	17.62	0.94	36.21	45.26	24.52	1.54
17713	7.32	1.42	6.21	20.34	4.14	32.44	7.32	10.65		20384	12.31	9.59	62.25	6.68	38.04	12.31	21.01	5.51
17714	8.06	1.42	6.21	25.66	4.14	37.78	8.06	10.91		20385	9.59	9.59	64.73	6.46	36.72	6.73	16.34	3.84
17715	9.11	2.83	6.21	30.71	4.14	49.18	9.11	18.85		20386	9.59	9.59	68.41	6.68	36.77	7.51	14.25	4.51
17716	13	8.51	20.28	13	61.23	27.3	7.6	6.24		20387	12.04	9.59	41.26	12.04	36.89	7.63	33.94	6.65
17717	13.31	10.88	24.59	13.31	60.26	16.57	9.02	6.15		20388	19.2	9.59	44.93	19.2	34.62	12.73	57.4	9.87
17718	14.37	11.35	27.6	14.37	60.61	17.04	9.39	6.44		20389	14.5	2	14.5	25.27	3.09	11.79	40.65	17.8
17719	13.84	12.14	28.74	13.84	56.96	20.12	6.56	6.46		20390	13.95	1.85	13.95	24.23	2.88	4.52	42.45	17.8
17720	14.5	12.46	32.59	14.5	58.3	23.57	9.85	6.64		20391	13.12	1.73	13.12	17.98	2.83	2.93	35.59	14.13
17721	18.72	18.72	13.51	4.06	33.19	21.44	59.52	0.06		20392	14.13	1.7	17.76	15.31	3.12	3	37.37	14.13
17722	14.09	7.97	15.11	4.06	14.09	15.49	54.56	0.06		20393	14.13	1.75	21.53	15.07	5.39	4.82	48.75	14.13
17723	11.88	6.27	17.05	4.06	13.74	11.88	49.47	0.06		20394	10.53	0.6	24.8	13.4	7.82	9.29	53.5	10.53
17724	12.25	6.18	18.57	4.06	13.08	12.25	47.86	0.06		20395	10.53	0.6	24.69	7.44	10.43	21.99	54.32	10.53
17725	13	6.18	18.95	7.47	13	14.89	40.84	0.2		20396	15.72	6.71	26.3	6	15.72	57.61	25.34	5.97
17726	11.19	5.24	21.55	7.69	11.19	24.56	38.42	0.2		20397	15.4	6.71	32.77	6	15.4	70.26	25.34	6.06
17727	19.74	15.89	13.38	33.77	75.22	57.34	19.74	3.84		20398	17.46	6.71	33.15	6	17.46	74.85	25.34	6.7
17728	19.8	10.56	19.8	39.03	75.22	42	11.18	6.6		20399	19.45	6.71	33.15	5.12	19.45	71.47	25.34	7.6
17729	14.36	6.25	10.65	8.33	43.34	67.74	29.15	14.36		20400	17.29	19.23	17.29	15.19	15.16	64.21	25.34	8.29
17730	18.61	26.16	5.5	5.61	18.61	59.88	67.6	9.21		20401	18.07	12.33	8.67	43.06	18.07	45.39	26.51	12.86
17731	17.54	26.16	5.5	5.61	17.54	50.08	69.2	7.67		20402	17.36	10.71	10.03	48.22	17.36	36.49	23.38	12.86
17732	14.88	26.16	5.5	5.9	14.88	45.84	69.02	10.33		20403	17.1	7.65	12.21	50.02	17.1	34.66	18.3	12.86
17733	15.35	26.16	5.5	9.36	15.35	44.86	66.94	10.23		20404	19.74	6.66	15.51	56.42	17.68	36.41	24.65	19.74
17734	19.34	6.58	33.33	19.34	37.29	54.5	8.21	9.97		20405	6.07	6.07	22.13	4.57	2.89	13.35	45.06	1.89
17735	18.42	4.01	37.2	18.42	37.29	46.08	5.14	4.34		20406	5.54	6.07	17.94	3.47	0.01	5.54	22.14	1.82

Table 3

17736	17.68	4.01	39.58	17.68	37.29	42.81	3.36	4.34		20407	3.6	6.07	17.92	3.11	0.01	3.6	22.14	1.73
17737	18.65	4.01	57.97	18.65	37.29	43.88	2.26	4.34		20408	3.18	6.07	20.98	3.11	0.01	3.18	22.14	1.7
17738	19.07	0.78	60.39	19.07	37.29	40	6.44	4.34		20409	4.22	4.37	21.23	3.11	0.01	4.22	22.14	1.73
17739	18.98	22.43	18.98	11.51	73.14	26.25	2.2	3.49		20410	5.02	4.37	24.21	3.11	0.02	8.36	22.14	5.02
17740	8.34	8.34	7.36	11.51	66.2	20.75	1.35	3.47		20411	4.44	4.37	4.44	1.62	0.02	34.12	22.14	4.83
17741	10.12	8.34	10.12	11.51	46.59	22.61	1.12	3.54		20412	17.86	27.4	4.15	1.54	0.31	82.73	22.14	17.86
17742	11.51	8.84	15.89	11.51	46.59	26.36	1.03	3.7		20413	16.4	24.5	4.32	1.62	12.98	91.39	30	16.4
17743	11.51	8.84	20.87	11.51	46.59	25.13	0.9	3.93		20414	7.19	5.14	2.87	1.77	11.48	90.43	30	7.19
17744	18.02	8.84	26.72	20.21	18.02	30.84	2.84	10.08		20415	7.01	4.98	2.81	2.15	11.48	88.79	30	7.01
17745	18.02	8.84	37.34	23.53	18.02	44.48	3.13	10.9		20416	4.81	4.81	1.95	2.4	6.32	84.53	30	1.22
17746	15.08	11.41	45.82	3.75	4.52	74.65	35.75	15.08		20417	4.62	4.62	1.95	1.45	6.32	80.65	32.85	1
17747	15.33	11.41	48.88	3.75	6.72	77.32	29.38	15.33		20418	6.32	4.88	15.32	1.57	6.32	80.36	35.55	0.99
17748	18.87	29.97	28.33	3.75	17.74	47.51	18.87	13.47		20419	14.97	14.97	21.28	2.3	6.32	80.55	45.12	0.95
17749	17.25	26.82	24.9	3.75	16.21	41.35	17.25	13.47		20420	11.03	15.08	11.03	2.15	6.32	82.73	27.38	0.94
17750	15.52	25.32	25.01	7.32	15.09	34.85	15.52	13.47		20421	11.03	46.28	11.03	2.3	6.32	83.93	27.51	2.3
17751	15.25	22.12	25.75	7.3	6.61	32.64	15.25	13.47		20422	6.32	57.17	4.41	4.41	6.32	82.29	25.02	3.3
17752	19.61	14.24	35.37	19.61	13.29	67.19	33.06	14.13		20423	8.66	7.76	7.31	4.32	17.07	75.48	20.46	8.66
17753	15.43	11.66	40.8	15.43	13.29	59.05	33.06	14.13		20424	4.35	3.06	0.51	4.35	13.66	61.15	29.52	0.96
17754	13.29	5.24	29.72	7.66	13.29	43.8	22.28	5.79		20425	2.48	2.48	0.17	0.48	13.6	53.15	21.59	0.78
17755	7.76	7.76	29.72	4.69	5.72	25.04	22.28	5.79		20426	2.34	2.34	0.15	0.46	13.65	49.77	21.23	0.78
17756	7.72	7.72	29.72	4.12	5.82	19.14	29.22	5.79		20427	1.54	1.97	0.15	0.46	18.18	52.17	1.54	0.78
17757	11.93	11.93	28.38	4.64	5.68	14.78	38.63	5.79		20428	0.93	2.05	0.14	0.43	20.08	56.73	0.93	0.78
17758	11.85	11.85	29.72	5.04	5.68	15.85	43.68	6.35		20429	1.34	2.75	0.19	0.46	20.08	66.16	0.93	1.34
17759	19.3	19.3	29.72	10.47	9.48	21.07	48.01	7.55		20430	1.93	3.14	0.63	1.93	20.08	76.69	1.28	1.67
17760	13.69	27.71	10.17	8.61	13.69	26.57	42.49	11.42		20431	3.28	3.28	19.29	1.97	28.01	73.01	0.41	2.37
17761	18.46	40.03	10.28	9.24	18.46	38.58	42.04	11.6		20432	17.52	3.07	19.29	17.52	28.01	70.44	0.42	3.18
17762	16.06	53.74	11.78	14.69	0.31	49.57	39.49	16.06		20433	19.29	3.67	19.29	23.38	28.01	71.89	0.46	8.36
17763	18.1	57.52	12.04	18.1	0.29	56.16	37.71	16.02		20434	17.71	7.21	67.77	33.62	14.9	17.71	51.05	11.11

Table 3

17764	18.69	13.77	7.3	48.69	0.98	42.76	21.97	18.69		20435	15.23	3.67	15.23	20.62	11.13	8.85	30.74	21.62
17765	18.25	7.76	7.47	48.8	0.1	30.61	18.25	19.55		20436	11.13	3.67	17.47	16.68	11.13	4.04	25.6	6.95
17766	8.92	5.24	1.64	1.33	56.34	14.8	23.54	8.92		20437	11.13	3.67	21.82	17.49	11.13	3.56	23.01	6.43
17767	5.12	4.45	1.73	1.2	55.49	5.12	9.81	5.85		20438	18.72	3.67	23.11	18.72	22.63	3.13	19.77	4.62
17768	4.44	4.44	2.53	1.18	54.68	3.62	7.4	5.8		20439	16.4	3.67	25.93	20.95	31.86	4.93	16.4	5.34
17769	4.44	4.44	3.29	2.56	57.82	2.77	6.77	5.98		20440	17.43	3.67	33.49	29.96	42.39	9.81	17.43	8.24
17770	4.51	4.51	4.5	2.77	64.58	3.35	6.51	6.6		20441	18.49	33.84	9.42	15.64	18.49	40.77	18.21	19.08
17771	6.45	10.19	5.61	4.42	69.06	4.52	6.45	12.04		20442	13.91	59.83	9.42	13.9	6.73	37.68	13.91	16.38
17772	7.42	2.8	7.42	4.42	72.04	17.04	9.62	2.44		20443	11.28	58.28	11.72	6.19	6.73	37.33	11.28	8.42
17773	19.74	47.83	18.27	14.23	9.96	22.21	38.82	19.74		20444	10.34	67.21	15.15	7.12	6.73	39.23	10.34	8.42
17774	11.07	9.61	13.07	11.07	0.01	1.43	33.28	14.34		20445	18.75	69.73	18.75	8.62	6.73	44.14	18.87	8.42
17775	11.64	9.61	16.95	11.64	2.13	0.21	26.76	14.34		20446	6.73	46.87	0.31	4.42	6.73	27.05	12.95	3.31
17776	14.34	9.61	19.5	16.76	2.19	0.09	24.31	14.34		20447	6.73	46.8	0.45	4.42	6.73	21.23	14.82	3.3
17777	14.34	9.61	22.92	17.04	2.41	0.08	23.64	14.34		20448	3.34	1.55	0.43	4.42	3.34	6.7	17.09	0.82
17778	14.34	9.61	26.73	19.95	4.24	0.17	19.56	14.34		20449	2.81	1.55	0.61	4.42	3.54	2.81	35.71	0.81
17779	17	9.61	27.64	32.48	7.52	0.63	19.56	17		20450	1.74	1.55	0.81	9.66	3.77	1.74	34.27	0.75
17780	13.47	9.61	16.41	29.23	10.59	9.27	19.56	13.47		20451	1.88	1.55	1.12	10.18	3.95	1.88	37.33	0.79
17781	17.29	15.02	22.82	36.02	10.59	36.32	17.29	13.47		20452	3.5	1.55	1.59	10.54	6.21	3.5	38.2	0.83
17782	15.84	15.02	25.13	35.9	10.59	25.39	15.84	13.47		20453	9.77	1.55	11.78	48.16	9.77	8.29	49.17	2.7
17783	15.02	15.02	25.13	37.41	10.59	22.5	11.49	13.47		20454	11.89	1.55	0.45	25.33	11.89	23.68	25.02	1.97
17784	15.02	15.02	25.13	41.44	10.59	21.55	9.54	13.47		20455	3.82	20.93	0.16	8.57	0.26	24.92	3.01	3.82
17785	19.02	4.75	83.15	19.02	23.58	40.13	5.34	3.29		20456	3.81	20.93	0.16	8.65	0.27	25.28	3.01	3.81
17786	18.49	18.49	9.71	30.95	63.36	39.92	9.44	18.44		20457	2.52	14.41	0.15	2.52	0.28	24.92	3.01	1.66
17787	17.83	18.15	10.32	17.83	75.22	22.64	8.89	17.8		20458	2.32	4.33	0.48	2.32	1.09	26.82	3.01	2.02
17788	17.21	17.21	8.64	17.24	74.15	14.59	8.66	17.8		20459	2.11	4.01	0.43	2.11	1.06	35.99	3.01	1.92
17789	17.8	16.8	11.47	18.04	74.97	15.8	22	17.8		20460	3.01	3.99	1.68	1.59	3.07	37.87	3.01	2.25
17790	18.22	9.11	15.07	18.22	75.22	19.44	26.58	17.8		20461	2.22	2.22	1.62	1.59	0.39	31.77	3.01	2.25
17791	11.59	27.56	14.41	11.59	27.07	10.09	10.59	0.86		20462	6.23	2.22	27.02	2.68	27.45	34.75	6.23	5.66

Table 3

17792	11.95	28.77	18.11	11.95	27.07	7.95	8.63	0.86		20463	6.03	2.22	31.65	2.87	27.22	31.31	6.03	2.69
17793	14.06	41.58	22.81	14.06	67.82	6.8	6.81	0.86		20464	7.39	2.22	42.11	4.09	26.19	32.25	7.39	3.44
17794	7.44	24.63	26.45	7.44	69.74	5.02	6.62	0.26		20465	2.72	1.71	46.7	1.04	3.99	43.62	2.72	2.15
17795	12.03	19.4	31.19	7.44	72.92	4.88	12.03	0.26		20466	2.26	2.26	46.7	1.02	3.99	53.34	2.09	2.18
17796	7.44	5.04	31.19	7.44	73.1	7.02	14.42	0.26		20467	7.08	7.08	66.26	1.01	10.67	61.9	3.92	3.21
17797	14.59	4.35	43.33	7.44	75.22	15.62	14.59	0.26		20468	9.14	9.14	14.01	0.31	9.82	63.26	4.42	2.6
17798	13.76	4.61	13.76	10.3	69.7	39.36	35.52	1.11		20469	5.97	9.56	14.01	0.26	5.97	59.63	5.52	3.11
17799	15.76	3.93	16	19.93	27.9	10.23	15.76	1.87		20470	6.49	18.54	14.01	0.38	5.63	40.72	6.49	5.44
17800	4.21	2.91	3.55	15.59	18.24	4.21	15.76	1.87		20471	12.16	18.16	14.01	0.39	4.13	28.18	12.16	4.59
17801	4.84	1.85	3.62	14.92	18.24	4.84	17.99	1.87		20472	16.1	28.29	14.01	0.46	16.1	23.88	25.59	4.07
17802	3.44	1.04	3.44	15.25	18.24	3.22	17.56	1.71		20473	16.1	30.86	14.01	0.57	16.1	20.51	42.16	7.03
17803	3.82	2.07	3.45	15.25	18.24	3.82	19.62	1.87		20474	16.1	30.02	14.01	0.57	16.1	19.36	42.71	7.03
17804	10.06	3.93	10.06	17.13	18.24	6.57	36.55	1.87		20475	16	15.43	16	9.5	35.59	23.45	54.55	7.03
17805	18.23	3.93	10.38	18.66	18.24	18.23	35.57	1.87		20476	13.04	13.04	6.47	13.58	20.29	11.61	57.09	3.4
17806	12.23	6.66	40.85	7.98	75.22	51	0.52	12.23		20477	13.04	13.04	6.68	13.27	18.26	5.78	57.09	2.63
17807	12.23	6.24	46.9	8.04	75.22	50.95	0.4	12.23		20478	10.04	10.04	9.18	13.4	17.79	4.69	56.16	2.57
17808	12.23	5.4	52.8	8.12	75.22	49.66	0.4	12.23		20479	9.04	6.72	9.04	12.15	15.62	3.66	38.14	2.9
17809	12.23	6.66	55.97	7.9	75.22	47.26	1.17	12.23		20480	10.63	10.63	10.48	11.93	18.25	4.11	37.97	5.53
17810	12.23	6.66	58.61	10.1	75.22	46.59	1.65	12.23		20481	13.44	15.97	13.44	8.91	23.04	7.09	34.08	9.91
17811	19.31	6.66	36.73	19.31	23.01	44.71	3.47	12.23		20482	17.38	6.18	14.66	5.76	26.65	19.18	35.1	17.38
17812	14.53	7.76	52.54	31.47	14.53	18.09	7.15	9.44		20483	19.01	31.93	14.66	5.93	29.26	38.97	15.61	19.01
17813	11.73	7.76	77.84	33.29	14.53	11.73	7.54	9.44		20484	18.02	28.96	14.66	5.93	33.77	51.26	8.52	18.02
17814	7.76	7.76	80.42	30.15	14.53	7.73	6.79	5.79		20485	5.17	5.17	0.66	3.63	10.79	32.09	8.52	1.05
17815	7.76	7.76	71.76	31.98	14.53	6.23	7.1	5.79		20486	5.17	5.17	1.06	2.62	11.28	23.97	8.52	1.05
17816	11.85	7.76	71.37	26.3	14.53	8.41	11.85	5.79		20487	3.33	4.72	1.2	2.77	10.53	21.25	3.33	0.78
17817	13.09	13.05	75.09	29.64	14.53	11.66	13.09	5.79		20488	2.83	2.66	2.24	2.83	10.76	18.15	3.32	0.78
17818	19.94	9.61	44.89	24.19	75.22	18.88	19.94	3.73		20489	3.23	2.66	1.5	3.23	13.88	17.42	4.95	0.62
17819	8.97	8.97	8.78	27.16	60.94	23.83	4.24	7.18		20490	4.48	3.28	2.05	4.48	17.3	21.34	7.82	1.11

Table 3

17820	8.88	8.88	8.78	27.16	58.28	14.01	2.8	7.1		20491	7.18	3.07	2.46	7.18	22.92	26.21	9.18	1.08
17821	10.51	8.83	10.51	28.61	56.49	13.82	2.61	7.17		20492	13.63	4.31	8.27	13.63	37.57	29.13	13.99	1.67
17822	10.54	8.81	10.54	27.16	55.4	12.83	2.6	7.03		20493	5.68	4.31	5.68	19.35	4.07	10.17	7.15	1.2
17823	7.79	6.64	17.8	7.79	63.14	9.51	0.91	5.79		20494	8.31	12.08	6.98	25.42	4.05	8.31	16.63	2.26
17824	8.41	10.68	17.84	8.41	33.39	8.11	0.91	5.79		20495	8.98	8.98	8.76	26.75	4.37	9.15	13.2	2.32
17825	7.69	8.48	43.51	7.69	33.39	7.08	0.87	5.79		20496	9.69	8.98	14.08	26.64	4.54	9.69	10.08	4.27
17826	5.79	4.29	15.89	6.08	33.39	4.42	0.61	5.79		20497	12.73	8.98	17.95	26.74	6.93	12.73	24.18	4.97
17827	5.79	4.29	22.12	6.39	33.39	4.86	1.12	5.79		20498	6.18	6.18	2.84	4.53	9.67	21.45	8.6	3.71
17828	5.79	4.29	21.26	13.87	32.98	4.65	5.59	5.79		20499	3.45	6.18	3.45	3.23	9.67	45.85	3.26	3.26
17829	11.33	4.29	22.32	13.65	16.59	6.8	11.33	5.79		20500	7.29	23.29	7.29	3.28	9.67	69.14	3.26	3.78
17830	18.84	6.73	29.74	21.52	18.14	13.88	18.84	20.38		20501	9.67	9.79	9.83	2.44	9.67	63.95	3.26	3.68
17831	14.54	14.92	14.54	6.06	37.32	54.49	6.85	4.34		20502	9.56	9.56	12.85	2.44	9.67	61.37	3.26	3.77
17832	11.59	11.59	17.57	6	49.66	45.7	5.07	4.12		20503	9.6	9.6	17.36	4.01	9.67	49.5	3.26	4.02
17833	4.08	4.08	10.46	3.91	17.82	24.82	3.08	4.01		20504	9.54	9.54	19.45	4.48	9.67	45.48	5.39	4.09
17834	4.01	2.65	13.21	4	16.71	19.9	2.53	4.01		20505	12.36	12.36	35.16	7.45	16.28	38.08	6.7	4.46
17835	8.81	1.74	16.21	8.81	16.68	18.38	1.88	4.01		20506	16.28	9.7	39.28	4.8	16.28	36.26	23.76	5.42
17836	9.74	1.28	19.47	9.74	17.42	18.6	1.38	4.01		20507	14.68	9.67	38.76	5.08	16.28	39.74	14.68	5.42
17837	14.08	2.63	27.91	14.08	30.73	23.15	2.27	4.01		20508	16.28	10.67	32.35	6.46	16.28	37.56	19.18	7.81
17838	18.65	5.17	48.91	18.65	48.73	26.58	7.33	10.53		20509	9.72	5.68	25.55	6.18	0.91	18.33	14.69	9.72
17839	13.27	1.77	53.12	13.27	63.66	24.99	8.05	10.53		20510	8.14	5.68	26.84	6.89	0.82	15.22	16.42	8.14
17840	15.36	6.98	22.11	15.36	75.22	22.54	15.22	12.23		20511	10.45	5.68	28.48	6.95	0.78	10.45	17.33	15.91
17841	18.81	18.81	8.74	6.07	75.22	48.75	42.67	4.54		20512	8.41	5.68	29.92	7.14	0.78	8.41	26.92	15.91
17842	14.96	1.99	17.01	14.96	17.27	32.03	2.86	11.66		20513	15.91	5.68	34.06	18.73	1.31	10.69	38.46	15.91
17843	14.47	1.94	14.47	14.54	17.46	15.94	2.13	11.66		20514	17.04	10.69	41.41	30.27	2.23	17.04	61.79	15.91
17844	12.95	1.93	18.91	12.95	17.45	13.44	1.95	8.42		20515	14.65	13.04	14.65	5.56	30.27	48.35	58.68	2.68
17845	10.42	1.8	18.74	10.42	17.14	10.69	1.93	8.42		20516	17.85	13.04	17.85	5.39	33.68	48.93	25.62	2.68
17846	10.98	1.73	18.91	10.98	22.1	11.98	4.62	8.42		20517	17.58	13.04	17.58	8.01	34.42	51.51	25.62	2.68
17847	12.95	4.7	18.91	12.95	28.2	15.2	5.75	8.42		20518	14.23	6.62	14.23	8.01	31.14	50.01	25.62	2.68

Table 3

17848	15.54	4.72	27.9	15.54	35.21	27.95	6.97	8.42		20519	9.25	6.62	9.25	4.75	38.79	47.88	25.62	2.68
17849	13.05	12.33	36.74	13.05	70.51	50.7	12.73	8.42		20520	13.15	6.62	13.15	10.6	42.82	49.64	25.62	3.7
17850	17.74	13.04	15.07	25.35	70.51	33.03	17.74	15.26		20521	17.6	6.62	17.6	11.87	42.44	56.19	25.62	3.67
17851	19.73	4.77	69.58	19.73	74.94	45.02	14.57	3.19		20522	8.88	3.67	12.8	8.88	16.29	8.22	23.41	3.21
17852	14.96	14.96	16.13	4.42	43.81	16.9	0.45	7.39		20523	8.08	3.67	17.3	8.08	15.29	4.84	15.86	2.92
17853	2.81	9.33	0.04	2.88	28.73	1.81	0.45	2.81		20524	3.96	3.67	20.71	2.88	14.32	3.96	5.94	2.92
17854	2.78	5.7	0.06	2.88	26.88	0.66	0.46	2.78		20525	4.09	3.67	25.13	2.88	13.73	4.09	6.4	2.92
17855	2.82	3.68	0.13	2.88	24.58	0.67	0.73	2.82		20526	3.44	3.67	3.44	2.15	15.96	2.06	5.83	1.05
17856	2.97	2.8	0.25	5.36	23.56	0.86	2.99	2.97		20527	0.75	3.67	0.18	0.06	17.7	0.37	4.47	0.75
17857	4.02	5.48	0.4	11.98	30.18	1.81	3.93	4.02		20528	0.57	3.67	0.16	0.06	19.65	0.08	3.71	0.57
17858	9.36	9.36	0.68	16.93	36.33	4.93	5.1	9.43		20529	0.39	3.26	0.16	0.05	21.05	0.07	4.46	0.39
17859	16.6	16.6	1.12	32.53	44.6	24.93	10.37	12.48		20530	0.51	2.21	0.14	0.06	13.07	0.04	4.52	0.51
17860	18.44	16.6	16.25	26.61	42.53	21.99	10.93	18.44		20531	0.72	2.84	0.15	0.06	11.38	0.01	5.43	0.72
17861	17.89	16.6	17.89	22.1	43.66	10.09	10.62	18.44		20532	0.86	3.19	0.31	0.17	11.28	0.02	3.06	0.86
17862	14.26	14.26	19.56	22.25	39.55	4.84	10.58	12.24		20533	0.86	4.29	0.42	0.38	11.42	0.06	1.65	0.86
17863	16.14	11.13	35.23	15.04	65.39	19.24	16.14	16		20534	4.01	4.37	4.01	16.42	17.63	0.08	2.51	0.91
17864	19.26	13.74	39.24	15.04	75.04	17.63	21.35	19.26		20535	4.14	4.37	4.14	10.42	28.15	0.69	1.54	1.88
17865	18.29	4.77	55.24	18.29	52.61	17.09	17.75	22.2		20536	5.24	5.24	8.98	2.37	39.03	5.36	0.94	1.62
17866	18.97	4.29	61.6	55.2	6.21	51.89	18.97	12.09		20537	6.18	5.24	17.01	2.06	13.91	11.23	0.74	6.18
17867	15.43	4.29	64.75	54.83	9.57	67.64	15.43	12.09		20538	5.24	5.24	16.98	1.21	13.91	8.1	0.66	4.69
17868	15.91	12.86	45.93	15.91	26.46	31.86	1.74	15.8		20539	2.1	1.99	7.26	0.97	13.91	2.1	0.62	4.69
17869	15.56	12.86	39.07	14.67	22.55	26.27	1.12	15.56		20540	3.58	3.58	5.37	0.94	13.91	0.67	2.04	4.69
17870	13.28	12.86	22.84	13.28	9.01	19.84	0.88	13.79		20541	3.11	2.95	4.16	1.34	13.91	0.43	3.11	4.69
17871	12.86	12.86	26.78	12.8	6.11	20.24	0.86	13.88		20542	4.59	3.95	4.59	2.08	13.91	0.44	6.96	4.69
17872	16.15	12.86	32.66	15.74	43.04	22.89	0.77	16.15		20543	6.57	4.46	6.57	6.12	13.91	0.86	16.72	8.31
17873	15.91	7.64	59.39	13.92	5.4	57.22	53.09	15.91		20544	9.06	7.82	9.06	5.79	39.56	3.51	22.14	13.77
17874	15.91	7.64	51.96	15.36	4.76	41.51	60.28	15.91		20545	9.28	8.64	9.28	1.04	32.97	23.66	13.9	5.05
17875	16.57	7.29	54.94	16.57	4.41	33.87	61.96	15.91		20546	19.29	26.99	19.29	0.94	24.55	65.68	1.76	5.05

Table 3

17876	19.96	5.05	47.53	19.96	4.24	27.92	74.98	15.91		20547	5.05	4.37	5.77	0.9	7.26	46.13	0.7	5.05
17877	18.93	7.16	37.73	44.73	6.34	18.93	55.9	11.09		20548	5.05	4.37	7.17	1.15	6.94	30.71	0.73	5.05
17878	14.57	7.64	37.73	47.14	9.53	14.57	55.9	9.91		20549	2.2	4.37	2.2	1.2	6.6	16.04	1.51	2.16
17879	12.87	7.64	29.24	47.59	12.53	12.87	55.9	9.04		20550	2.02	4.37	2.01	1.29	6.18	7.86	1.42	2.02
17880	13.64	12.2	37.22	13.64	40.09	57.35	1.12	11.66		20551	3.31	3.31	2.73	2.58	7.69	4.56	3.67	1.87
17881	13.64	12.2	37.22	13.64	40.73	47.26	1.07	11.66		20552	1.87	3.31	0.85	1.01	9.9	1.81	5.38	1.87
17882	11.66	5.24	37.22	5.61	45.39	44.31	0.91	11.66		20553	1.87	3.31	0.87	1.04	11.91	0.93	14.52	1.87
17883	11.66	5.24	37.22	5.61	49.48	46.78	0.92	11.66		20554	2.03	3.31	1.68	2.03	27.81	1.22	16.85	1.87
17884	11.66	5.24	37.22	5.61	57.43	54.56	4.32	11.66		20555	1.87	3.31	0.9	1.83	15.61	1.62	18.55	1.87
17885	11.66	5.24	37.22	7.32	68.15	58.55	4.32	11.66		20556	3.31	3.31	1.12	2.52	15.52	2.6	19.35	3.46
17886	11.66	5.24	37.22	7.43	6.18	56.34	17.31	11.66		20557	5.98	3.31	1.54	5.98	16.5	7.09	29.02	4.86
17887	15.36	15.36	33.15	6.07	28.83	37.17	10.29	4.69		20558	14.24	14.24	2.41	6.46	18.38	15.65	21.2	5.05
17888	8.34	8.34	35.41	6.07	28.03	25.83	8.33	4.69		20559	14.01	2.71	14.01	5.84	37.07	48.67	22.29	2.44
17889	8.34	8.34	29.68	6.07	23.18	22.5	6.86	4.69		20560	14.01	2.71	14.01	5.98	15.31	60.89	20.04	2.44
17890	11.47	8.34	35.69	6.07	23.18	26.21	11.47	4.69		20561	3.38	1.14	31.19	3.38	7.23	63.81	0.49	1.53
17891	9.6	8.98	9.6	6.76	16.37	34.46	31.25	2.59		20562	2.58	1.14	31.19	2.58	7.23	63.9	0.49	1.53
17892	10.15	8.98	10.15	6.85	16.54	17.72	27.83	2.58		20563	2.87	1.14	31.19	2.87	7.23	68.98	0.56	2.16
17893	11.1	8.98	11.1	6.8	16.88	12.55	24.43	2.53		20564	2.81	2.68	3.16	2.81	1.37	79.48	1.24	4.19
17894	12.13	8.98	12.29	7.01	16.96	12.13	22.94	2.61		20565	2.65	2.65	3.03	1.97	1.48	89.54	1.56	5.27
17895	11.31	8.98	13.91	6.98	20.44	11.31	27.97	2.56		20566	5.12	9.44	5.12	1.2	3.13	91.22	2.83	7.22
17896	6.83	12.83	0.53	13.53	6.02	6.83	26.26	0.15		20567	4.75	18.7	4.75	1.15	0.86	88.52	2.22	8.37
17897	6.13	8.88	0.56	13.71	6.13	2.42	26.93	0.07		20568	2.99	2.99	4.51	1.27	0.61	43.2	3.3	1.05
17898	6.33	6.98	0.61	19.96	6.33	1.69	32.28	0.05		20569	2.37	2.99	2.37	1.2	0.57	23.36	4.38	1.05
17899	6.22	6.22	0.79	20.05	6.77	1.64	40.82	0.04		20570	2.37	2.99	2.37	1.5	0.13	16.25	4.73	1.05
17900	10.75	11.06	1.22	22.99	10.75	2.72	24.58	0.07		20571	3.47	2.99	5.84	2.92	7.04	16.76	3.47	1.05
17901	17.19	20.64	1.93	22.85	17.19	6.13	19.99	0.18		20572	3.35	2.99	8.2	3.35	7.04	17.74	0.83	1.05
17902	19.08	23.56	10.34	22.85	5.19	21.83	5.67	19.08		20573	7.04	9.29	11.49	3.82	7.04	20.81	0.83	2.03
17903	9.06	23.56	3.63	22.85	4.78	9.06	5.67	19.08		20574	9.97	9.97	15.06	3.75	11.09	33.35	1.18	2.27

Table 3

17904	5.67	23.56	3.41	26.68	4.49	5.25	5.67	17.06		20575	7.8	36.62	7.8	2.28	11.09	52.35	1.32	7.43
17905	5.67	19.86	4.12	28.54	4.48	4.45	5.67	12.29		20576	11.09	41.08	12.55	4.32	11.09	61.9	3.89	7.94
17906	7.06	18.07	6.09	35.69	7.06	5.64	5.67	15.99		20577	12.93	17.6	12.93	5.07	11.09	61.78	9.59	13.89
17907	11.52	19.4	9.58	47.42	10.47	11.52	5.67	19.08		20578	13.98	18.44	17.07	5.16	11.09	63.41	9.98	13.98
17908	19.08	30.42	15.62	46.82	16.59	34.01	11.01	19.08		20579	18.38	8.84	33.5	17.5	14.66	81.73	18.38	45.91
17909	5.02	5.02	2.65	1.15	23.58	49.53	11.01	0.12		20580	17.04	10.22	7.29	48.85	4.21	79.39	72.21	17.04
17910	4.49	4.49	2.18	0.16	23.58	40.39	11.01	0.12		20581	10.22	10.22	7.69	45.54	3.78	58.32	72.21	7.07
17911	3.04	0.88	3.04	0.16	26.63	21.59	11.01	0.12		20582	10.22	10.22	7.4	20.29	3.42	46.94	25.97	6.61
17912	4.86	0.87	4.86	0.16	26.63	18.26	11.01	0.12		20583	10.22	10.22	6.93	19.5	2.9	34.99	27.4	6.42
17913	4.86	0.86	4.86	0.16	26.63	17.04	11.01	0.12		20584	10.22	10.22	8.01	18.77	4.96	31.02	27.94	6.3
17914	4.86	0.9	4.86	0.18	26.63	20.41	11.01	0.21		20585	10.22	10.22	9.42	18.43	7.74	30.85	49.62	7.34
17915	4.86	0.92	4.86	0.76	26.63	29.98	25.53	0.22		20586	13.9	10.22	11.57	18.65	12	37.88	52.22	13.9
17916	6.05	3.88	6.05	1.42	68.77	35.93	23.64	1.96		20587	12.69	13.04	12.69	10.72	10.07	40.6	16.1	9.44
17917	13.47	1.77	21.11	27.18	0.01	26.41	13.47	2.06		20588	10.07	13.04	5.05	4.88	10.07	33.35	16.39	9.44
17918	19.8	1.12	25.09	32.28	0.01	19.8	13.47	22.83		20589	10.38	13.04	4.9	4.39	10.38	27.82	12.85	6.59
17919	15.8	0.56	29.71	32.88	0.01	15.8	13.47	23.08		20590	9.98	13.04	3.81	4.02	10.25	24.42	9.98	3.43
17920	16.76	0.45	38.91	40.99	0.01	16.76	13.47	30.6		20591	8.84	12.33	5.53	4.02	13.53	19.98	8.84	0.7
17921	18.09	0.75	43.58	41.15	0.01	18.09	9.15	30.14		20592	6.27	12.33	7.32	4.3	6.27	22.35	3.76	0.7
17922	12.23	4.2	32.16	10.58	55.11	45.43	4.97	12.23		20593	7.73	12.33	9.54	7.73	6.27	31.82	3.49	0.7
17923	12.23	3.84	32.16	9.37	55.11	43.6	4.47	12.23		20594	6.27	3.93	14.66	6.5	6.27	35.24	2.29	0.7
17924	11.66	2.22	15.6	9.14	57.16	28.73	3.3	11.66		20595	3.93	3.93	14.66	1	6.27	41.34	3.1	0.7
17925	11.66	1.77	18.13	9.39	57.16	21.27	2.88	11.66		20596	3.93	3.93	14.66	1	6.27	47.57	3.4	1.13
17926	11.66	1.77	19.72	10.02	57.16	18.93	4.52	11.66		20597	6.08	6.08	25.57	1	21.2	32.09	4.37	1.2
17927	18.34	1.77	21.67	18.34	69.69	19.12	4.91	11.66		20598	5.57	5.57	9.21	1	4.92	12.93	5.19	10.53
17928	15.9	15.9	8.71	1.93	75.22	48.5	32.92	7.03		20599	8.87	8.87	9.21	1	4.48	7.25	32.74	9.94
17929	15.7	15.7	13.09	1.92	75.22	48.05	22.51	7.03		20600	8.11	9.39	9.21	2.22	4.1	6.59	30.74	8.11
17930	19.74	18.67	19.74	1.98	75.22	52.78	21.11	7.03		20601	7.12	11.43	9.21	3.53	3.54	7.12	59.47	6.04
17931	19.46	18.67	20.27	7.12	75.22	57.38	19.46	7.07		20602	11.1	18.08	9.27	45.58	5.32	11.1	65.67	8.95

Table 3

17932	19.36	3.73	20.1	6.56	73.24	49.71	19.36	7.03		20603	4.07	37.73	0.51	1.33	4.07	81.02	49.63	1.44
17933	17.29	13.66	17.29	21.39	64.47	34.24	3.76	11.66		20604	4.07	41.11	0.41	1.04	4.07	78.6	33.89	1.26
17934	17.58	6.18	5.3	17.58	20.52	23.42	5.09	18.44		20605	4.07	18.86	0.41	1.08	4.07	77.93	26.24	1.31
17935	17.64	6.18	6.65	17.64	19.94	15.22	19.76	18.44		20606	4.07	14.42	0.41	1.14	4.07	76.42	23.47	1.1
17936	17.35	3.47	6.8	17.35	17.58	10.88	21.77	18.44		20607	4.07	13.9	0.41	1.18	4.07	72.67	23.47	1.1
17937	11.17	2.32	7.79	22.84	16.73	11.17	4.71	18.44		20608	4.07	14.37	1.1	3.87	4.07	70.99	23.47	2.53
17938	16.13	4.98	9.98	23.12	27.97	16.13	3.24	18.44		20609	4.07	10.91	0.27	0.37	4.07	62.63	23.47	0.62
17939	14.75	14.75	41.46	13.64	49.7	75.47	1	12.92		20610	9.77	9.77	7.6	0.38	17.21	56.25	23.47	0.62
17940	4.48	4.48	20.33	0.37	1.48	22.68	0.72	7.03		20611	7.6	4.77	7.6	0.37	11.83	54.21	23.47	0.62
17941	4.24	4.24	23.74	0.37	1.45	10.51	0.71	7.03		20612	9.37	4.77	9.37	0.32	11.78	52.66	23.47	0.62
17942	3.48	3.48	27.26	0.37	1.14	7.41	3.08	7.03		20613	10.12	4.77	10.12	0.32	12.92	54.49	28.22	0.62
17943	5.52	3.35	30.05	0.37	1.08	5.52	5.59	7.03		20614	4.77	4.77	12.11	1.01	0.69	59.41	26.13	0.62
17944	5.23	4.07	30.19	0.37	1.25	5.23	5.59	7.03		20615	4.77	4.77	16.5	0.85	0.8	66.87	17.86	0.62
17945	6.18	6.18	35.95	1.62	2.94	8.24	5.59	10.78		20616	9.2	6.58	23.99	1.93	0.56	68.17	17.86	9.2
17946	7.47	7.47	46.03	2.15	3.3	20.99	5.85	14.6		20617	9.54	2.83	14.99	2.33	0.5	67.13	17.86	9.54
17947	11.34	10.3	32.35	11.34	20.91	38.12	6.91	9.97		20618	3.33	2.55	14.99	0.89	0.5	67.34	17.86	3.33
17948	10.55	10.55	27.45	9.79	20.91	26.71	5.43	9.97		20619	3.53	2.54	14.99	1.2	0.47	68.87	17.86	3.53
17949	9.97	8.25	23.27	9.96	20.91	19.65	4.75	9.97		20620	3.83	2.44	14.99	1.52	0.47	69.43	17.86	3.83
17950	9.97	5.69	25.97	9.14	20.91	8.8	11.43	9.97		20621	8.48	5.06	13.96	1.52	8.48	61.28	17.86	3.67
17951	9.97	3.55	30.41	9.84	20.91	6.79	23.51	9.97		20622	8.09	5.27	14.99	1.91	8.09	61.34	23.04	6.18
17952	16.66	1.86	34.89	16.66	20.12	6.33	29.71	9.97		20623	11.15	11.15	14.99	6.11	0.26	54.65	21.83	9.16
17953	9.97	1.32	46.38	21.22	16.83	7.57	8.22	9.97		20624	9.03	2.44	17.64	6.2	0.01	32.46	21.83	9.03
17954	15.91	2.46	64.49	39.08	16.8	10.55	3.7	15.91		20625	17.58	1.8	23.51	17.58	0.01	27.65	21.83	15.88
17955	17.47	4.95	70.13	43.52	17.47	15.74	3.42	26.29		20626	14.09	1.38	17.06	14.09	13.17	8.71	53.28	14.13
17956	19.57	27.29	43.36	12	19.57	27.42	1.13	16.57		20627	14.13	1.3	17.06	14.38	12.23	5.6	55.01	14.13
17957	6.53	2.71	11.54	11.05	7.52	6.53	0.89	3.01		20628	14.13	0.75	17.06	14.48	11.95	4.18	63.29	14.13
17958	3.17	2.18	11.56	12.69	3.55	2.23	3.17	3.12		20629	14.13	0.51	17.06	11.76	15.13	4.54	64.15	14.13
17959	2.89	1.06	10.63	12.04	3.34	0.81	1.85	2.89		20630	17.06	1.1	17.06	10.26	25.53	8.03	51.35	20.4

Table 3

17960	2.86	0.56	10.32	14.86	3.01	0.58	1.06	2.86		20631	17.06	2.28	17.06	15.14	41.28	14.51	51.35	23.85
17961	2.94	0.91	10.75	24.77	3.04	0.9	1.12	2.94		20632	19.72	17.27	45.76	17.14	11.65	43.32	19.72	32.04
17962	3.55	2.17	23.34	33.54	3.55	3.08	1.4	8.93		20633	17.27	17.27	58.87	19.1	12.81	28.35	15.59	2.02
17963	15.09	3.93	24.37	51.36	62.92	15.09	1.37	9.23		20634	12.9	17.27	53.72	5.52	12.9	21.26	11	2.01
17964	18.57	8.55	65.58	16.68	20.03	43.25	4.47	18.57		20635	12.5	16.64	52.41	4.82	12.5	16.72	8.86	1.92
17965	18.09	5.04	61.98	15.71	20.03	28.72	5.14	18.09		20636	7.26	5.69	56.66	5.79	19.35	11.06	7.26	1.87
17966	16	3.06	36.56	15.33	20.03	19.01	9.38	16		20637	8.58	5.24	44.81	8.58	26.31	8.95	2.52	2
17967	17.18	15.89	53.55	17.19	2.78	56.81	10.78	17.18		20638	9.5	7.09	50.06	11.1	30.92	9.5	2.47	4.45
17968	10.53	6.5	49.26	10.98	0.6	14.59	8.27	10.53		20639	5.35	5.24	7.42	1.11	30.92	6.12	3.35	5.35
17969	9.24	4.72	54.3	10.98	0.61	9.24	8.24	10.53		20640	4.09	5.94	10.8	0.78	55.78	4.09	2.44	3.99
17970	11.71	3.6	59.94	16.04	0.53	8.36	11.71	15.61		20641	3.72	4.85	4.3	0.69	54.29	1.62	2.53	3.72
17971	7.88	2.69	62.95	22.49	0.53	7.79	7.88	16.1		20642	4.15	5.42	6.45	0.72	57.24	1.56	2.14	4.15
17972	17.3	3.31	40	17.3	23.39	18.15	9.18	4.76		20643	3.6	5.53	8.12	0.73	57.24	1.81	2.33	3.6
17973	13.42	3.31	37.62	17.05	23.39	9.22	13.42	8.77		20644	9.07	9.07	10.75	1.11	57.24	3.35	21.36	3.64
17974	16.76	3.31	28.75	16.76	23.39	4.41	23.57	6.59		20645	11.37	11.37	14.37	1.11	57.24	7.76	43.25	7.11
17975	18.44	3.31	32.48	16.94	23.39	3.35	23.57	18.44		20646	16.44	15.36	16.44	34.6	55.66	15.81	37.54	10.99
17976	18.84	3.31	34.7	18.84	23.39	2.69	22.01	18.44		20647	13.71	10.25	13.71	17.79	45.81	9.29	17.82	9.7
17977	18.44	3.31	36.56	27.81	23.39	2.85	8.55	18.44		20648	14.05	8.66	14.05	18.1	41.3	10.69	14.47	11.92
17978	18.44	3.31	41.92	29.92	23.39	4.9	8.32	18.44		20649	6.89	3.26	7.19	8.24	43.97	6.89	2.66	2.5
17979	18.87	1.33	58.04	26.41	10.78	18.87	8.58	31.96		20650	6.86	3.26	7.19	8.57	46.46	6.86	1.49	2.84
17980	14.01	1.28	61.81	26.33	10.78	14.01	8.65	28.64		20651	6.87	3.38	13.07	9.06	45.21	6.87	1.19	2.75
17981	10.78	1.19	59.1	34.12	10.78	9.45	6.63	30.62		20652	5.44	5.94	26.33	5.44	12.57	4.37	0.94	3.22
17982	11.15	1.24	64.51	31.54	10.78	11.15	5.92	25.68		20653	3.1	0.04	34.49	5.61	1.1	3.1	0.95	3.31
17983	17.84	3.86	69.73	31.19	10.78	15.41	17.84	28.4		20654	2.93	0.04	38.78	9.46	0.84	2.93	1.91	9.05
17984	18.88	11.47	57.34	8.28	33.02	18.88	51.48	12.23		20655	3.91	0.04	38.78	9.6	0.76	3.36	3.91	9.28
17985	15.3	12.85	57.34	8.61	30.67	15.3	43.28	12.23		20656	5.91	0.04	47.45	12.45	0.73	4.39	5.91	27.93
17986	12.29	12.29	57.34	7.96	32.43	10.89	28.74	12.23		20657	17.96	0.04	70.96	21.86	1.36	7.44	17.96	28.54
17987	9.09	10.86	56.29	6.62	16.16	9.09	4.69	6.3		20658	14.08	3.67	14.08	11.69	7.43	18.72	45.81	21.62

Table 3

17988	8.88	16.54	56.29	6.5	16.16	8.88	4.69	6.26		20659	13.5	10.28	13.5	10.83	34.32	5.25	34.71	21.62
17989	13.1	22.5	56.29	13.1	16.16	12.73	5.69	11.3		20660	7.95	5.17	0.25	8.14	9.99	2.1	26.48	7.95
17990	11.09	1.14	56.29	13.03	2.83	18.31	3.75	11.09		20661	7.88	5.06	0.43	7.88	10.54	1.3	21.93	7.95
17991	14.39	1.14	30.85	18.86	2.23	22.97	3.22	14.39		20662	7.95	4.98	0.73	12.59	9.84	1.18	24.51	7.95
17992	19.11	19.11	13.07	15.64	35.27	27.8	49.28	9.44		20663	7.27	6.65	1.2	14.35	9.84	2.29	29.2	7.27
17993	11.73	9.84	14.19	11.73	32.25	20.92	10.7	7.46		20664	8.18	4.29	1.8	11.64	9.84	8.18	14.72	7.95
17994	12.97	9.61	12.97	13.55	32.25	13.52	8.77	7.46		20665	9.84	7.12	2.63	12.39	9.84	26.03	15.91	7.95
17995	12.7	9.61	12.7	20.42	32.25	10.55	13.19	11.93		20666	9.84	7.12	2.63	11.56	9.84	37.74	10.55	7.95
17996	13.38	9.61	15.98	27.47	32.25	13.38	10.64	11.87		20667	11.69	7.12	22.11	11.69	12.47	31.56	5.84	6.6
17997	17.15	10.92	29.97	32.16	17.15	37.17	0.88	12.29		20668	9.84	7.12	11.16	10.81	9.84	12.4	4.27	5.42
17998	17.15	10.92	32	36.06	17.15	31.73	6.91	12.03		20669	7.12	7.12	11.85	14.61	16.85	5.98	2.92	5.42
17999	17.15	10.92	36.58	36.79	17.15	31.37	15.61	12.11		20670	7.12	7.12	14.22	19.35	16.85	4.39	3.66	5.42
18000	7.21	7.21	24.61	5.61	8.49	14.6	1.34	1.54		20671	8.84	8.84	19.05	24.57	16.85	5.47	5.41	5.42
18001	6.35	7.21	21.83	5.61	8.49	6.35	1.65	1.46		20672	14.41	14.41	33.49	28.46	16.85	8.36	12.79	5.42
18002	5.61	7.21	23.74	5.61	8.49	3.04	1.92	1.4		20673	16.85	14.41	39.4	34.45	16.85	15.14	17.82	6.76
18003	3.43	6.71	28.34	3.43	8.49	2.08	2.48	1.4		20674	15.14	10.25	43.51	29.61	15.14	38.01	14.77	5.42
18004	6.71	6.71	29.26	3.43	8.49	1.8	8.87	1.4		20675	20	10.25	43.51	29.97	15.14	56.74	20	11.65
18005	6.71	6.71	35.37	3.49	8.49	2.36	15.42	1.9		20676	11.14	13.37	31.19	8.01	11.14	31.35	9.28	5.29
18006	6.71	6.71	41.95	5.2	8.49	5.68	11.08	2		20677	12.18	15	31.19	4.81	12.18	20.92	9.28	6.38
18007	17.42	6.71	56.98	18.78	56.26	12.13	17.42	12.23		20678	12.18	14.8	31.19	4.66	12.18	16.24	9.28	5.97
18008	11.83	6.71	1.98	18.77	37.63	13.91	11.83	5.66		20679	12.18	5	63.62	3.75	12.18	14.66	14.97	6.63
18009	9.54	5.86	2.63	18.17	36.85	16.1	7.23	9.54		20680	11.25	4.78	60.92	3.75	12.18	16.04	11.25	6.78
18010	9.07	6.33	3.93	17.4	36.58	12.66	4.63	9.07		20681	15.74	4.7	69.61	7.53	44.08	23.52	15.74	13.93
18011	9.47	6.31	6.21	21.43	36.74	12.47	3.44	9.47		20682	13.33	4.4	40.48	8.08	41.43	28	13.33	13.21
18012	8.89	5.35	6.21	20.13	51.26	14.06	2.47	8.89		20683	9.97	7.64	5.32	7.32	45.95	31.48	35.27	9.97
18013	10.52	8.41	6.21	25.61	55.8	18.26	3.61	10.52		20684	12.46	7.64	5.97	12.46	45.95	39.74	34.97	9.97
18014	14.12	8.46	6.21	27.48	55.8	26.56	3.47	14.12		20685	12.46	7.64	5.82	12.46	45.95	50.07	36.86	9.97
18015	13.66	4.37	30.93	4.12	23.33	14.22	4.54	13.66		20686	18.7	18.7	12.27	12.23	29.29	37.25	35.89	6.6

Table 3

18016	8.09	2.99	34.75	4.25	22.65	8.09	7.57	10.53		20687	12.23	23.54	5.95	12.23	6.62	26.27	26.58	6.6
18017	7.29	2.99	39.05	4.3	22.42	7.29	7.25	10.53		20688	11.69	21.14	6.21	11.69	6.62	20.9	20.08	6.6
18018	9.21	2.99	45.36	6.13	23.07	9.21	7.47	10.59		20689	9.58	15.37	9.58	9.9	6.62	21.84	9.05	6.6
18019	11.96	2.99	49.94	11.15	29.12	12.72	7.68	11.96		20690	9.51	14.71	12.36	9.51	6.62	22.03	9.05	4.01
18020	15.78	7.92	36.42	38.56	13.78	15.69	22.43	15.78		20691	9.05	17.24	16.44	7.7	6.62	28.3	9.05	7.61
18021	15.41	5.27	38.87	44.58	12.17	12.13	22.43	15.41		20692	9.05	16.85	20.86	7.88	6.62	34.39	9.05	5.1
18022	15.29	6.52	43.28	51.82	11.97	12.49	15.29	15.43		20693	9.05	17.51	32.65	5.5	3.58	34.12	9.05	5.42
18023	13.87	7.55	70.61	7.88	17.09	28.99	13.87	3.19		20694	9.05	12.33	47.29	8.75	2.31	24.39	9.05	5.39
18024	14.6	14.6	71.38	7.9	17.7	16.24	13.87	3.19		20695	9.05	12.33	53.94	6.61	3.41	21.26	9.05	4.86
18025	14.58	14.58	74.21	7.92	18.55	12.95	15.26	3.19		20696	12.33	12.33	60.42	4.18	3.49	17.48	19.35	4.93
18026	12.18	17.3	74.58	7.49	18.75	12.18	10.06	3.19		20697	13.66	13.66	60.42	3.14	3.92	16.06	17.31	5.37
18027	15.11	16.55	76.84	7.53	21.72	15.11	2.04	3.19		20698	8.34	8.34	42.98	3.14	4.2	8.65	20.05	0.49
18028	15.26	14.96	51.66	12.51	59.48	42.29	0.63	15.26		20699	1.08	8.34	1.08	3.59	0.02	0.37	19.99	0.26
18029	15.26	14.96	47.51	12.04	56.74	28.7	0.74	15.26		20700	5.33	8.34	0.96	5.33	7.12	0.07	24.57	0.2
18030	15.26	14.96	50.86	12.02	57.82	26.23	0.74	15.26		20701	6.66	8.34	0.81	9.24	6.66	0.04	26.57	0.18
18031	15.26	11	56.92	12.15	63.07	27.79	2.57	15.26		20702	6.02	8.34	0.63	11.17	6.02	0.04	26.57	0.23
18032	9.21	8.34	53.51	4.88	9.21	28.21	32.36	8.25		20703	8.34	8.34	0.88	12.96	10.58	0.07	26.57	0.45
18033	10.5	21.69	40.33	9.17	9.21	10.5	32.36	5.49		20704	8.34	8.34	1.1	26.72	19.94	0.17	9.31	0.7
18034	11.7	21.69	44.07	9.17	11.7	7.44	32.36	4.05		20705	8.86	13.62	1.73	28.03	36.72	6.66	8.86	0.7
18035	10.91	18.08	47.08	9.17	10.91	5.92	32.36	5.72		20706	12.68	9.46	74.61	26.6	12.68	24.41	0.79	3.73
18036	10.6	18.08	45.85	9.17	10.6	5.84	32.36	6.95		20707	12.68	9.45	76.43	26.85	12.68	22.74	1.14	3.7
18037	13.43	18.08	48.38	13.43	11.8	7.23	19.45	8.64		20708	12.68	9.57	80.17	33.3	12.68	25.2	7.29	3.89
18038	18.08	18.08	60.42	13.43	17.34	20.95	5.51	22.78		20709	16.43	6.91	13.75	16.43	59.09	54.33	30.64	5.58
18039	15.42	14.56	46.17	15.42	27.06	34.75	0.16	6.6		20710	16.31	5.08	14.88	16.31	63.11	36.34	62.36	11.32
18040	14.21	13.72	42.72	14.21	27.06	23.53	0.16	6.6		20711	18.15	16.04	20.07	16.41	63.11	18.15	55.81	14.34
18041	13.98	8.34	40.75	13.98	27.06	16.74	0.26	6.6		20712	16.1	16.1	20.07	13.18	63.11	14.21	50.8	14.34
18042	14.24	8.34	44.8	14.24	27.06	14.57	0.32	6.6		20713	17.28	16.18	20.07	13.71	75.22	17.28	53.81	14.34
18043	17.32	8.34	49.61	17.62	75.22	17.32	0.55	9.42		20714	13.99	4.34	13.99	13.39	75.22	38.1	59.68	6.6

Table 3

18044	10.05	12.2	10.05	26.7	9.68	18.54	0.23	7.46		20715	19.21	4.29	22.04	14.98	45.19	19.21	28.96	5.42
18045	10.01	12.2	11.63	16.29	10.01	8	0.13	7.46		20716	12.87	4.29	22.07	12.87	44.29	8.68	28.96	5.42
18046	11.62	12.2	16.58	15.97	11.62	6.66	0.14	7.46		20717	13.1	4.29	25.7	13.1	47.43	8.18	28.96	5.42
18047	12.2	12.2	20.99	15.71	12.86	5.43	0.14	7.46		20718	11.56	11.56	10.14	5.44	9.78	42.13	48.79	15.43
18048	8.98	8.98	31.45	15.88	21.17	6.66	0.14	5.05		20719	14.73	11.56	14.73	5.52	9.69	38.55	47.07	15.39
18049	9.49	8.98	35.21	11.56	21.17	9.49	0.46	5.05		20720	14.54	11.56	14.81	5.05	9.06	33.99	48.79	14.54
18050	12.96	8.98	41.67	12.96	21.17	18.47	1.06	5.05		20721	14.53	7.19	20.01	5.05	12.87	26.69	48.79	14.53
18051	14	8.98	58.62	14	21.17	32.46	3.37	5.05		20722	19.65	7.19	19.65	5.7	17.79	20.25	48.79	21.76
18052	17.96	11.49	34.01	12.84	59.46	30.02	17.96	5.05		20723	19.08	7.19	29.8	13.06	21.06	10.84	39.1	19.08
18053	19.61	12.1	19.61	26.42	60.71	25.35	1.93	7.03		20724	14.32	7.19	25.13	14.32	26.02	7.23	36.53	3.69
18054	18.15	23.7	16.13	24.82	40.91	18.15	5.23	7.03		20725	8.73	3.67	12.84	8.73	15.97	5.06	29.49	2.94
18055	19.26	19.26	59.26	14.17	57	46.49	15.94	18.92		20726	7.84	3.67	17.46	7.84	15.26	4.15	21.72	2.92
18056	19.59	12.98	50.47	14.48	55.37	32.67	19.59	3.72		20727	4.04	3.67	21.08	2.88	14.32	4.04	7.86	2.92
18057	16.17	10.09	50.47	13.08	48.51	16.17	32.64	3.54		20728	16.17	16.17	27.33	6.54	21.3	8.15	42.36	0.18
18058	16.96	10.09	50.47	22.21	34.61	3.39	16.96	7.95		20729	13.49	13.49	21.47	6.54	20.48	3.79	34.19	0.07
18059	15.42	10.09	50.47	26.8	44.63	3.02	15.42	7.95		20730	11.26	11.26	18.83	6.54	20.78	2.6	47.27	0.04
18060	19.53	19.53	50.47	28.35	48.48	4.99	19.24	7.99		20731	4.8	4.12	22.1	4.8	27.66	2.7	47.77	0.02
18061	16	13.31	26.63	35.92	9.26	60.12	14.69	16		20732	5.64	5.64	17.78	5.14	32.44	4.9	32.23	0.07
18062	13.79	12.77	13.79	34.98	9.26	52.06	45.06	11.65		20733	13.37	13.37	17.78	12.71	36.61	8.88	27.44	0.14
18063	13.11	10.92	34.66	17.93	13.11	26.29	11.67	6.18		20734	6.94	8.67	1.9	0.23	39.63	9.44	6.94	0.31
18064	11.67	10.92	34.66	2.58	16.71	14.15	11.67	9.48		20735	5.72	11.27	2.97	0.24	39.63	6.12	5.72	3.09
18065	10.15	10.15	34.66	2.46	13.11	8.01	11.67	7.51		20736	2.7	2.56	2.75	0.2	39.63	2.44	4.49	2.7
18066	7.73	7.73	34.66	2.71	13.11	6.73	13.07	5.77		20737	2.91	2.71	4.96	0.21	39.63	2.18	3.24	2.91
18067	10.92	10.92	15.46	2.48	13.11	5.8	14.86	2.68		20738	2.67	2.67	6.65	0.21	39.63	2.22	2.73	2.34
18068	10.92	10.92	17.73	2.66	31.73	4.95	14.46	2.68		20739	3.95	3.21	9.66	1.01	55.45	3.95	4.55	3.21
18069	10.92	10.92	21.65	7.32	35.52	7.88	18.08	2.68		20740	8.36	3.4	12.51	1.31	75.22	9.62	8.36	3.98
18070	12.63	14.28	25.06	7.74	35.52	12.63	3.02	2.68		20741	15.71	13.89	38.78	7.01	34.97	15.71	1.47	25.52
18071	16.53	3.38	24	16.53	40.47	18.75	4.59	14		20742	6.33	0.04	38.78	7.63	1.1	6.33	1.47	21.11

Table 3

18072	19.22	3.51	28.08	21.83	53.27	19.22	4.43	14.56		20743	4.51	0.04	38.78	11.3	0.84	4.51	2.24	26.47
18073	16.5	16.5	8.9	8.61	46.92	36.28	22.79	1.16		20744	4.95	0.04	38.78	11.43	0.76	4.12	4.95	26.57
18074	18.78	31.94	12.91	8.65	46.92	30.58	18.78	1.54		20745	18.43	17.98	15.67	35.14	32.72	18.43	34.58	16.57
18075	15.52	20.18	11.01	7.96	46.92	24.39	15.52	1.54		20746	11.53	8.31	11.03	29.63	42.02	11.53	27.85	4.85
18076	11.28	15.45	8.97	4.75	37.18	22.3	11.28	1.54		20747	11.03	8.21	11.03	31.1	51.42	8.57	27.85	4.74
18077	9.67	9.61	9.67	4.37	30.95	25.1	12.63	1.54		20748	11.03	10.46	11.03	35.22	75.22	8.04	27.85	7.17
18078	9.61	9.61	11.1	6.08	27.18	33.24	7.06	1.69		20749	11.6	10.41	11.03	34.87	75.22	11.6	27.85	7.08
18079	9.61	9.61	14.79	6.24	25.11	49.42	7.06	1.69		20750	18.25	10.44	11.03	36.71	75.22	18.25	27.85	9.31
18080	9.61	9.61	27.88	7.67	31.19	63.17	7.06	8.57		20751	15.39	8.44	14.67	5.88	63.37	55.15	15.39	22.82
18081	12.59	9.61	34.5	12.59	31.32	74.28	7.06	9.76		20752	12.87	7.72	12.87	4.79	43.52	36.87	11.65	14.99
18082	15.76	6.03	17.45	15.76	25.89	32.25	14.2	14.13		20753	15.07	7.72	16.6	4.88	40.78	34.19	8.87	15.07
18083	15.73	6.05	19.68	15.73	25.89	29.96	9.11	14.13		20754	15.03	7.72	20.56	4.98	39.16	33.58	8.15	15.03
18084	15.82	5.67	22.7	15.82	25.89	28.98	6.74	14.13		20755	17.18	7.72	24.66	6.4	43.87	39.55	15.05	17.18
18085	14.13	5.59	19.35	9.87	25.89	21.86	4.3	14.13		20756	10.33	10.33	4.98	3.11	29.33	19.29	30.12	2.24
18086	14.13	9.64	20.52	11.34	26.39	23.49	3.44	14.13		20757	9.68	10.33	4.9	3.11	53.55	9.68	30.08	2.24
18087	14.13	2.22	20.1	12.34	16.47	17.42	2.85	14.13		20758	4.74	8.84	4.59	3.11	62.02	4.74	30.64	0.86
18088	11.85	6.88	18.01	11.85	16.47	8.74	5.47	14.67		20759	6.4	8.84	6.4	3.11	65.3	4.04	26.12	0.86
18089	12.85	4.02	29.21	12.85	16.47	5.92	7.56	14.67		20760	7.79	8.84	7.79	3.11	67.86	4.5	49.4	0.86
18090	15.86	2.3	30.21	19.64	15.86	3.64	17.89	14.67		20761	8.84	8.84	9.11	8.69	75.22	6.03	59.65	0.86
18091	16.47	2.94	37.21	25.22	16.47	4.92	19.62	14.67		20762	12.61	17.15	11.03	10.08	75.22	12.61	61.38	0.86
18092	18.1	3.87	47.92	34.49	16.47	6.64	18.1	23.35		20763	14.59	5.59	5.49	24.62	75.22	14.59	42.01	12.23
18093	18.44	6.85	54.52	41.34	37.37	14.81	9.72	18.44		20764	14.76	5.59	6.86	26.21	75.22	14.76	43.06	12.23
18094	17.15	17.15	69.82	11.19	21.54	42.78	8.11	6.18		20765	18.53	5.59	8.64	28.98	75.22	18.53	54.19	12.23
18095	17.15	17.15	75.66	11.48	21.33	42.1	10.32	6.18		20766	19.36	3.62	17.58	19.36	75.22	24.75	52.92	10.19
18096	10	4.02	74.36	10	34.9	30.72	5.28	6.18		20767	16.4	3.61	28.74	16.4	75.22	30.55	5.33	15.91
18097	14.33	3.95	18.91	14.33	34.9	16.18	5.49	12.23		20768	17.42	3.39	17.42	24.06	31.73	23.19	5.46	15.91
18098	12.23	3.54	18.91	18.79	34.9	10.53	10.33	12.23		20769	17.42	3.26	17.42	24.41	31.73	20.01	7.21	15.91
18099	12.23	3.51	18.91	19.08	34.9	9.99	10.53	12.23		20770	18.64	5.72	4.3	18.64	49.31	23.67	29.38	15.27

Table 3

18100	18.91	3.58	18.91	25.19	34.9	14.52	18.79	21.82		20771	19.47	5.4	4.54	21.77	49.31	19.47	29.38	15.27
18101	18.01	30.02	21.96	12.46	21.92	18.01	16.3	8.92		20772	18.62	18.62	17.42	17.92	75.22	22.82	31.53	7.46
18102	19.01	29.85	22.35	17.88	19.01	14.57	20.97	8.92		20773	18.62	18.62	17.42	18.49	75.22	21.45	29.16	7.46
18103	18.55	29.73	22.43	17.71	20.42	14.96	18.55	8.92		20774	19.57	18.62	22.48	19.26	75.22	19.57	24.36	7.46
18104	19.78	25.71	21.5	7.56	21.85	17.82	19.78	8.92		20775	18.9	14.96	37.35	24.19	18.9	10.26	21.17	1.16
18105	16.19	26.29	17.06	6.43	7.5	16.29	16.19	3.76		20776	16.43	14.96	39.52	16.43	24.94	11.18	21.87	1.16
18106	11.7	19.28	13.26	6.99	7.6	11.7	15.48	3.68		20777	16.43	14.96	45.92	16.43	27.41	15.62	22.34	1.16
18107	7.84	14.56	13.13	6.26	7.84	6.5	15.93	1.27		20778	14.23	6.71	14.23	20.63	12.84	77.81	82.83	5.79
18108	8.72	16.19	16.51	8.72	8.15	6.54	26.41	1.27		20779	13	6.71	13	19.17	10.26	55.42	72.11	5.79
18109	12.94	16.65	19.83	11.56	12.94	7.11	27.37	1.27		20780	15.2	6.71	15.2	18.49	9.81	44.52	72.11	5.79
18110	17.48	17.29	24.01	17.48	21.57	8.51	27.25	1.27		20781	18.14	6.71	18.14	19.04	9.77	41.94	67.47	5.79
18111	16.01	16.01	41.4	15.98	28.63	32.28	7.66	7.41		20782	18.73	6.71	21.45	18.73	14.39	41.82	66.92	5.79
18112	16.73	16.46	42.98	16.73	26.18	34.9	10.34	15.24		20783	12.13	6.64	1.5	26	20.8	12.13	51.35	0.72
18113	12.68	6.44	41.34	7.76	2.84	27.9	22.46	12.68		20784	3.35	3.22	1.43	25.4	18.78	3.35	51.35	0.45
18114	9.87	5.06	47.34	9.87	3.02	17.06	17.18	3.59		20785	3.35	2.16	1.62	25.4	17.74	3.35	51.35	0.45
18115	9.79	4.98	55.47	9.79	3.24	14.53	14.27	3.54		20786	2.67	1.33	1.83	25.4	17.31	2.67	51.35	0.37
18116	9.17	4.89	57.34	9.17	4.99	13.45	14.06	3.47		20787	3.64	2.33	2.16	25.4	28.75	3.64	51.35	0.6
18117	10.98	6.75	53.65	10.98	8.35	16.96	29.88	3.31		20788	9.62	4.34	2.99	31.72	47.12	9.62	51.35	0.86
18118	13.93	4.01	43.51	13.93	12.8	23.95	32.38	3.67		20789	13.58	0.18	46.97	13.58	9.42	31.8	64.18	3.63
18119	15.15	15.15	7.18	31.19	40.35	14.91	31.71	9.97		20790	11.89	0.18	14.31	11.89	8.7	14.08	38.3	3.32
18120	15.15	15.15	10.16	32.15	40.35	12.68	31.71	9.97		20791	8.53	0.18	14.19	11.52	8.53	8	38.3	2.44
18121	19.73	15.15	24.24	24.12	15.99	27.05	19.73	9.97		20792	8.34	0.18	15.16	12.23	8.34	7.11	55.49	2.44
18122	15.99	13	36.41	7.47	15.99	36.43	17.97	13.66		20793	11.21	0.18	18.61	14.42	11.21	7.7	54.07	2.44
18123	13.66	13	36.84	3.87	7.6	23.08	19.03	13.66		20794	13.81	0.53	15.32	22.28	13.81	8.41	53.98	2.44
18124	13.66	13	41.7	4.04	7.6	23.76	26.49	13.66		20795	17.36	0.61	23.62	17.36	17.95	15.72	36.43	2.44
18125	13.66	13	45.58	3.59	7.6	25.24	29.02	13.66		20796	7.73	6.18	1.15	10.24	23.73	7.73	11.16	3.73
18126	14.67	13	48.79	4.4	7.6	31.07	36.23	14.67		20797	6.18	6.18	1.15	10.28	23.99	4.74	9.61	3.73
18127	5.39	2.15	26.65	5.18	5.39	34.19	2.62	8.42		20798	6.18	6.18	1.15	13.75	25.92	4.05	8.55	3.73

Table 3

18128	8.42	13.53	4.6	4.26	9.23	38.22	2.59	8.42		20799	7.43	6.18	7.43	14.56	27.59	5.09	8.74	3.73
18129	8.42	12.15	4.65	3.21	9.33	37.35	2.6	8.42		20800	6.18	6.18	9.2	2.23	35.6	7.12	4.67	2.24
18130	4.01	3.92	4.01	1.08	7.68	26.99	1.07	8.42		20801	6.32	6.32	12.29	2.79	43.65	11.07	5.18	2.24
18131	3.4	3.4	4.01	0.81	7.95	7.7	0.84	1.41		20802	6.86	6.18	16.99	2.5	51.54	24.16	6.86	2.24
18132	3.62	3.62	4.01	0.83	9.54	4.78	1.26	0.97		20803	15.15	15.15	48.27	5.61	51.54	25.74	5.54	2.24
18133	3.53	3.62	4.01	0.94	9.93	3.53	1.25	0.63		20804	15.15	15.15	37.73	5.61	51.54	21.71	4.2	2.3
18134	2.82	3.6	4.01	2.82	7.22	1.63	1.51	0.45		20805	14.9	14.9	37.73	7.51	51.54	19.53	2.83	4.82
18135	4.6	3.6	9.46	4.6	35.15	1.2	17.6	0.81		20806	15.15	15.15	37.73	7.69	51.54	20.37	2.35	4.85
18136	5.18	3.6	9.46	5.18	32.36	0.96	16.21	1.24		20807	15.15	15.15	37.73	11.01	44.8	25.39	12.47	2.85
18137	5.18	3.6	9.18	5.18	27.5	0.83	18.47	1.83		20808	14.67	14.41	4.19	11.61	32.56	20.46	33.18	14.67
18138	6.82	2.99	6.82	15.04	39.28	1.01	31.27	2.05		20809	11.81	11.81	5.34	11.61	32.56	10.57	33.18	14.67
18139	8.4	2.99	8.4	15.04	52.27	0.94	43.11	2.05		20810	12.44	12.44	6.82	11.61	32.56	10.37	31.68	14.67
18140	10.32	2.79	10.32	15.78	59.61	1.4	43.11	2.05		20811	13.37	11.89	5.13	13.37	32.56	9.3	26.9	14.67
18141	12.85	2.11	12.85	19.66	61.21	1.88	43.11	2.05		20812	13.77	9.38	4.54	13.77	50.83	10.9	22.84	14.67
18142	17.25	2.99	17.25	35.73	61.21	3.61	50.93	2.05		20813	18.91	5.13	5.43	26.95	60.15	16.85	51.78	18.91
18143	19.5	11.89	3.51	23.79	28.82	19.5	30.84	11.49		20814	13.05	13.05	21.28	11.52	13.41	54.95	8.41	5.79
18144	14.45	11.29	3.16	22.83	28.82	14.45	30.64	10.99		20815	12.84	12.84	22.98	11.43	20.43	37.87	8.41	5.79
18145	17.74	11.38	3.21	24.13	28.82	17.74	38.13	11.28		20816	12.33	12.33	24.8	12.11	34.21	30.93	8.41	5.79
18146	14.78	14.78	4.16	3.18	26.94	35.75	17.83	10.53		20817	12.11	8.92	29.38	12.11	29.65	28.58	8.41	5.79
18147	12.27	13.92	4.47	3.67	22.08	32.9	12.27	9		20818	12.64	9.1	35.2	12.64	30.56	32.18	8.41	5.79
18148	10.53	8.4	4.25	3.61	21.71	27.76	12.9	10.53		20819	16.67	16.67	7.64	13.87	66.4	65.45	61.05	14.67
18149	10.53	9.06	7	4.68	24.02	28.32	11.68	10.53		20820	16.67	16.67	8.55	13.87	65.53	43.42	57.09	14.67
18150	9.75	6.71	9.75	2.37	22.96	29.97	10.63	7.03		20821	14.67	13.57	10	13.91	65.53	31.38	54.33	14.67
18151	16	6.71	16	4.41	25.05	31.7	40.81	2.68		20822	14.67	13.57	12.7	13.55	66.42	27.58	54.6	14.67
18152	16	6.71	16	0.79	25.62	40.17	26.26	2.68		20823	15.45	13.57	15.45	13.55	75.22	30.01	60.39	14.67
18153	16	8.25	16	0.79	25.62	49.36	27.2	2.68		20824	19.08	7.76	21.68	11.89	75.22	15.46	51.11	19.08
18154	16	2.56	16	0.79	25.62	59.23	27.09	2.68		20825	19.08	7.76	22.68	11.76	75.22	5.17	51.11	19.08
18155	19.21	0.62	22.95	1.76	35.94	33.58	19.21	5.88		20826	19.08	7.76	25.14	13.9	75.22	4.77	51.11	19.08

Table 3

18156	2.67	1.59	19.93	1.76	41.52	9.95	2.67	0.55		20827	19.08	7.76	26	17.93	75.22	4.68	51.11	19.08
18157	2.25	1.59	22.95	2.25	46.84	4.72	1.62	0.55		20828	19.08	7.76	28.39	18.94	75.22	5.91	56.41	19.08
18158	2.32	1.59	24.24	2.32	54.11	3.31	0.83	0.55		20829	11.32	3.36	7.82	11.32	75.22	30.54	30.49	8.92
18159	2.71	3.36	21.63	2.71	48.66	2.57	0.14	0.55		20830	11.23	3.22	7.75	11.23	75.22	16.91	23.85	8.92
18160	4.01	4.01	24.33	4.43	50.27	3.19	0.14	0.55		20831	11.23	3.22	7.51	11.23	75.22	12.67	19.5	8.92
18161	7.74	12.2	28.04	7.74	49.73	5.9	0.16	1.14		20832	11.45	3.23	7.82	11.45	75.22	12.37	17.76	8.92
18162	9.27	9.27	31.75	9.19	53.8	19.35	0.14	1.17		20833	16.5	3.32	7.82	18.43	75.22	16.5	41.11	8.92
18163	13.85	9.47	67.72	12.5	74.17	38.26	0.14	13.85		20834	8.76	8.04	27.84	8.76	4.1	7.12	18.92	11.9
18164	14.3	14.3	6.91	13.88	48.17	75.64	18.21	4.59		20835	10.8	8.66	27.84	10.8	5.29	3.6	23.2	14.13
18165	14.3	14.3	9.79	11.52	49.44	63.14	17.4	4.51		20836	13.01	10.35	27.84	13.01	4.75	3.71	32.29	14.13
18166	14.3	14.3	14.08	10.7	43.6	47.12	15.9	4.07		20837	14.13	10.86	27.84	16.05	4.38	4.54	32.64	14.13
18167	14.74	14.3	17.64	9.32	47.98	34.29	14.74	4.02		20838	14.13	10.59	24.87	33.72	6.28	6.27	43.16	14.13
18168	14.3	14.3	18.76	9.48	46.55	27.97	13.87	3.9		20839	18.56	12.21	52.31	30.61	8.33	18.56	62.18	11.99
18169	16.49	14.3	22.83	13.05	47.24	24.92	16.49	7.58		20840	13.67	11.76	22.78	29.89	8.33	13.67	62.18	11.91
18170	15.36	9.61	15.36	16.41	53.53	23.02	14.74	7.16		20841	16.73	1.12	42.98	33.67	16.73	77.55	16.16	14.94
18171	16.4	14.53	13.54	36.05	41.56	32.19	7.26	16.4		20842	16.16	1.22	43.51	33.87	15.4	72.56	16.16	15.24
18172	19.64	5.1	62.17	19.64	59.75	45.7	0.78	2.92		20843	16.55	1.29	48.32	34.28	14.32	73.47	16.55	15.78
18173	19.98	9.61	67.94	19.98	63.58	45.63	0.79	2.92		20844	17.29	17.29	38.18	8.79	51.62	29.13	3.2	11.31
18174	17.72	8.58	65.84	17.72	62.94	47.78	1.86	2.92		20845	19.39	20.21	35.68	7.72	51.62	19.39	3.11	13.46
18175	12.08	7.76	12.08	24.67	62.94	33.94	4.61	4.02		20846	16.09	21.1	26.91	7.23	51.62	16.09	3.11	13.69
18176	7.76	7.76	5.68	26.29	4.51	12.49	12.44	5.05		20847	17.45	21.96	26.91	8.24	19.83	17.45	3.11	13.29
18177	7.4	7.76	7.4	27.43	4.2	7.18	19.15	5.05		20848	14.88	4.26	26.91	14.88	2.01	24.79	5.63	24.39
18178	7.76	7.76	9.39	30.39	4.03	6.07	23.56	5.05		20849	17.93	4.29	17.93	28.54	0.51	24.41	24.44	12.23
18179	7.8	7.8	10.38	35.36	3.7	6.14	31.55	5.05		20850	15.29	15.89	11.45	20.37	11.44	11.41	15.29	21.62
18180	9.14	8.89	14.86	47.03	6.24	9.14	20.63	5.05		20851	12.94	15.89	12.94	22.2	11.14	8.77	12.39	21.62
18181	15.96	8.89	19.81	51.68	10.91	20.12	15.96	5.48		20852	14.34	15.89	14.34	22.25	11.4	7.68	10.96	21.62
18182	18.45	17.2	34.75	51.21	18.45	49.92	13.72	6.6		20853	18.11	15.89	16.95	27.73	18.11	10.39	29.05	27.55
18183	14	11.5	25.86	21.81	14	47.4	7.99	11.3		20854	16.39	14.24	5.42	39.42	10.4	61.99	75.58	16.39

Table 3

18184	14.36	12.21	30.21	22.55	14.36	47.89	8.78	11.65		20855	17.15	17.15	11.89	12.96	75.22	38.72	82.52	13.66
18185	18.44	9.61	3.88	8.06	69.66	38.5	47.05	18.44		20856	17.15	17.15	12.11	12.95	75.22	33.91	80.4	13.66
18186	18.44	9.61	4.48	7.94	68.55	25.93	47.05	18.44		20857	17.15	17.15	13.24	12.95	75.22	39.6	83.87	13.66
18187	18.2	9.61	4.5	7.55	64.59	18.2	47.05	18.44		20858	16.05	4.44	37.69	11.15	47.35	19.52	14.05	16.05
18188	18.44	9.61	5.82	7.57	69.07	19.3	46.27	18.44		20859	12.5	12.5	21.11	7.41	47.63	26.73	10.85	7.95
18189	18.44	9.61	7.23	15.21	75.22	24.12	47.05	18.44		20860	15.99	4.52	43.51	12.02	60.51	25.79	15.99	15.75
18190	12.03	10.92	12.03	28.97	14.52	9.65	47.81	6.34		20861	3.67	3.67	7.47	1.13	62.98	9.29	1.16	2.24
18191	11.93	10.92	11.93	28.86	13.39	4.75	47.81	6.18		20862	10.37	17.95	10.37	2.13	62.98	22.22	1.19	2.24
18192	12.2	10.92	12.5	34.5	12.2	3.14	14.18	6.18		20863	13.53	7.21	17.05	17.04	13.53	20.27	1.07	8.92
18193	10.92	10.92	12.6	38.44	11.77	3.01	3.77	6.18		20864	8.92	7.21	16.65	17.04	7.22	15.49	1.41	8.92
18194	10.92	10.92	15.94	21.83	18.17	4.15	2.76	6.18		20865	17.04	7.21	17.1	17.04	6.8	20.38	17.67	8.92
18195	9.28	11.15	9.28	12.18	21.48	4.75	0.71	4.69		20866	14.15	7.21	14.15	24.09	5.85	23.73	27.62	9.09
18196	10.23	11.3	10.23	12.18	22.39	7.57	0.71	4.69		20867	16.03	7.21	16.03	24.58	7.2	40.81	31.97	9.38
18197	8.53	13.57	19.37	8.53	22.39	6.66	0.77	4.69		20868	17.05	28.38	1.57	17.05	31.71	7.44	25.57	1.98
18198	8.46	13.57	21.79	8.46	22.39	4.81	0.78	4.69		20869	15.15	15.15	1.65	17.04	32.91	4.19	23.56	2.05
18199	8.73	13.57	24.72	8.73	43.86	4.97	0.9	4.69		20870	15.15	15.15	1.73	17.04	33.52	4.2	22.44	2.05
18200	12.93	13.57	26.51	12.93	35.56	6.82	1.92	4.69		20871	15.15	15.15	1.76	17.04	32.42	3.64	23.9	2.05
18201	13.66	13.66	24.24	13.77	35.56	12.65	5.92	5.24		20872	15.15	15.15	1.76	19.92	43.52	4.92	29.67	2.05
18202	13.25	13.57	24.24	13.25	35.56	11.74	10.85	6.18		20873	15.15	15.15	5.57	17.04	52.89	8.74	21.7	3.1
18203	10.92	10.92	24.24	12.74	35.56	7.81	9.28	5.05		20874	10.5	4.01	10.5	6.85	41.05	72.37	72.16	6.18
18204	11.31	10.92	24.24	15.76	35.56	8.48	11.31	5.05		20875	10.5	4.01	10.5	6.6	39.96	71.19	28.96	6.36
18205	14.01	10.92	25.95	20.25	35.56	8.45	14.01	5.44		20876	10.5	4.01	10.5	6.46	42.48	69.82	28.96	6.23
18206	14.01	10.92	26.54	23.95	35.56	11.65	14.01	5.49		20877	10.5	4.01	10.5	6	45.91	54.22	16.73	5.98
18207	7.03	1.99	8.04	5.8	38.91	20.11	4.19	7.03		20878	10.5	4.01	10.5	7.01	13.76	32.78	14.1	4.83
18208	2.32	2	2.32	1.23	27.06	11.67	2.59	1.25		20879	13.19	4.38	16.6	13.19	13.76	23.26	8.34	8.57
18209	2.4	2.56	1.2	0.99	24.51	6.92	2.4	1.14		20880	8.76	4.01	8.76	13.93	13.76	16.15	5.56	8.25
18210	1.65	1.65	1.2	0.97	23.99	6.82	2.42	1.12		20881	8.92	3.99	2.7	15.76	13.76	11	3.98	8.92
18211	2.31	2.31	1.2	1.02	25.13	9.06	2.6	1.17		20882	9.09	3.99	3.95	15.5	13.76	10.58	3.61	9.09

Table 3

18212	2.44	2.44	1.2	1.37	30.69	12.78	5.75	1.37		20883	12.3	3.99	5.38	18.75	13.76	12.3	2.54	13.57
18213	3.45	2.56	1.2	3.45	36.57	23.94	7.74	3.44		20884	13.76	3.99	8.28	21.73	13.76	18.46	2.5	14
18214	5.7	2.9	2.11	5.7	42.29	49.58	10.76	3.81		20885	17.33	3.99	14.15	21.47	58.64	26.62	3.08	17.33
18215	11.59	11.59	1.2	8.22	17.09	36.72	32.09	3.98		20886	10.98	5.2	14.43	10.98	0.9	12.67	22.35	7.46
18216	9.43	3.93	3.06	9.43	15.67	22.54	68.25	3.7		20887	7.46	5.2	16.57	10.98	0.72	7.44	54.99	7.46
18217	8.01	3.93	2.09	8.01	14.33	13.82	75.37	3.52		20888	7.46	5.2	17.06	10.98	0.62	4.75	54.99	7.46
18218	8.01	3.93	2.89	8.01	15.17	14.09	75.63	4.83		20889	10.98	5.2	17.06	10.98	0.5	6.32	54.99	11.66
18219	8.01	3.93	3.73	8.01	25	16.72	76	4.91		20890	10.98	5.2	17.06	10.98	0.91	7.57	54.99	11.66
18220	13.18	3.93	4.79	10.81	37.03	21.22	75.76	13.18		20891	12.57	5.2	15.58	23.17	1.66	12.57	54.99	11.66
18221	13.43	10.3	6.41	11.98	38.4	38.19	31.3	13.43		20892	17.06	5.2	17.06	23.5	3.02	36.01	54.99	11.66
18222	15.27	0.36	3.03	16.38	52.96	10.19	18.99	15.27		20893	18.7	8.1	7.69	47.57	21.65	28.7	18.7	13.2
18223	14.87	0.36	3.16	14.87	52.96	7.37	15.61	15.27		20894	15.12	32.89	0.15	6.54	36.99	15.12	44.75	6.18
18224	15.1	0.36	3.16	15.23	52.96	7.44	15.1	15.27		20895	14.1	24.36	0.2	6.54	46.61	14.1	37.93	6.18
18225	7.59	0.36	3.16	8.1	52.96	6.08	7.59	15.27		20896	8.98	8.98	0.31	6.54	55.54	12.18	29.96	6.18
18226	8.85	0.97	3.16	8.85	52.96	10.58	7.66	15.27		20897	8.98	8.98	0.48	6.54	60.31	12.07	27.26	6.18
18227	11.91	0.96	3.16	11.91	52.96	20.99	7.03	15.27		20898	11.87	8.98	0.74	11.87	61.16	16.48	23.93	6.18
18228	11.96	9.57	3.16	11.96	52.96	31.36	8.31	17.8		20899	12	6.18	1.1	12	61.16	29.84	21.96	5.05
18229	18.9	9.5	21.28	18.9	24.42	46.52	13.47	18.86		20900	17.96	28.76	44.83	17.96	47.09	12.49	0.3	7.46
18230	19.41	19.41	8.64	17.04	49.63	25.64	49.63	6.6		20901	15.19	16.72	45.55	15.19	15.79	6.79	0.51	8.84
18231	19.41	19.41	11.39	16.81	39.4	24.69	42.38	14.67		20902	13.37	16.01	50.91	13.37	15.79	4.54	1.14	7.46
18232	19.41	19.41	13.22	16.05	39.4	22.44	37.07	14.67		20903	13.06	14.9	39.46	13.06	15.37	3.61	3.29	7.46
18233	19.41	19.41	15.71	17.35	39.4	22.25	19.41	14.67		20904	12.66	18.05	19.68	14.21	12.66	2.98	6.21	7.46
18234	18.65	19.41	18.65	17.93	39.4	26.75	15.23	14.67		20905	14.37	18.18	19.68	14.37	12.49	6.54	14.67	7.46
18235	15.25	5.84	26.91	26.78	15.25	59.75	10.99	14.67		20906	19.68	31.04	19.68	25.92	12.87	12.82	47.26	9.97
18236	18.91	0.75	31.18	18.91	0.01	19.77	56.65	10.64		20907	17.2	10.89	17.2	20.72	22.35	4.2	41.95	1.74
18237	16.04	0.75	35.36	21.08	0.01	16.04	44.9	10.62		20908	10.89	10.89	5.89	19.34	19.86	1.09	36.73	1.65
18238	16.15	0.81	43.84	21.51	0.01	16.15	38.14	10.99		20909	8.21	8.21	6.73	19.59	19.6	0.63	31.14	1.56
18239	17.61	0.83	47.76	22.18	0.01	17.61	37.96	10.98		20910	5.34	3.96	5.34	20.2	16.22	0.52	26.01	1.54

Table 3

18240	19.5	12.63	5.67	19.5	40.67	39.36	33.97	12.55		20911	6.51	3.32	6.51	23.77	24.9	0.67	42.1	2.74
18241	19.29	5.3	19.29	16.29	55.11	53.5	49.37	17.8		20912	7.96	2.94	7.96	36.26	34.98	2.02	60.22	4.85
18242	9.71	2.56	9.71	5.61	60.96	12.55	27.83	0.78		20913	18.44	5.2	10.98	23.25	36.6	16.4	39.4	18.44
18243	5.51	2.48	9.71	5.51	48.23	4.76	21.72	0.78		20914	13.24	7.72	9.97	8.51	45.71	34.83	13.24	29.06
18244	3.93	2.41	8.86	3.93	48.23	3.47	17.15	0.78		20915	13.64	7.72	9.97	13.64	45.71	24.51	13.24	20.38
18245	2.42	2.41	6.4	2.11	36	2.42	5.59	0.78		20916	13.64	7.72	9.97	13.64	45.71	25.3	13.24	20.38
18246	2.96	2.41	6.4	2.55	36	2.96	7.16	0.78		20917	10.3	6.18	9.97	6.95	38.58	20.17	11.43	10.3
18247	5.02	3.22	6.4	2.92	36	5.02	10.16	0.78		20918	11.25	6.18	11.65	7.18	33.71	22.94	11.25	10.48
18248	6.71	6.71	6.4	6.2	36	12.76	16.77	0.78		20919	11.77	6.18	11.77	15.04	29.76	25.38	5	10.26
18249	16.51	4.77	16.65	9.26	33.76	24.92	16.51	4.75		20920	14.99	11.91	12.15	14.99	26.97	33.89	3.69	15.1
18250	14.51	13.3	18.53	9.56	32.57	14.51	16.51	4.98		20921	19.29	6.18	27.55	19.29	38.24	39.09	3.36	15.59
18251	12.75	12.75	17.56	9.08	28.61	8.94	16.51	4.63		20922	17.41	13.99	46.23	39.25	17.41	58.12	16.49	9.69
18252	16.09	16.09	18.53	8.93	27.55	8	16.51	4.63		20923	12.97	1.59	4.61	20.54	17.41	12.97	23.76	4.01
18253	16.51	17.48	18.53	9.58	37.31	10.28	16.51	4.74		20924	5.4	4.01	3.88	20.09	17.41	4.86	23.34	5.4
18254	18.53	22	18.53	24.04	37.31	16.24	16.51	13.79		20925	5.63	4.01	4.52	19.91	16.53	3.31	26.16	5.63
18255	16.26	7.25	21.4	40.07	4.06	16.26	42.78	2.81		20926	7.03	4.01	6.2	20.52	17.41	3.47	27.34	7.03
18256	11.42	5.13	25.49	42.85	3.97	11.42	38.6	2.57		20927	8.6	4.01	8.6	28.86	25.53	6.35	46.52	7.03
18257	11.33	4.78	27.88	43.56	3.79	11.33	42.73	2.57		20928	12.45	4.01	10.53	30.49	28.45	12.45	28.03	7.03
18258	12.53	6.6	36.64	32.84	5.46	12.53	22.81	3.15		20929	17.13	14.41	14.56	17.13	45.46	43.29	23.26	7.03
18259	7.89	7.69	42.3	26.04	7.89	18.23	7.12	2.03		20930	4.52	15.59	0.19	9.13	2.19	4.52	24.18	2.93
18260	11.8	9.61	54.72	27.76	11.8	30.09	5.46	5.42		20931	2.4	15.53	0.19	8.11	2.13	1.9	35.93	2.4
18261	12.72	8.21	12.72	9.1	56.21	20.9	51.94	7.29		20932	2.28	15.53	0.19	11.24	2.24	1.4	43.26	2.28
18262	17.28	8.21	17.28	9.1	58.86	25.99	52.94	7.62		20933	2.26	15.58	0.18	10.85	2.26	1.18	25.52	2.05
18263	16.5	8.21	16.5	12.39	68.19	28.29	56.29	15.05		20934	4.32	24.78	0.29	14.99	4.32	2.75	47.9	3.86
18264	13.92	4.72	32.11	13.63	44.98	63.83	0.5	13.92		20935	8.19	38.43	0.56	13.85	7.96	8.19	47.9	4.01
18265	13.69	4.44	34.08	11.94	48.28	69.68	0.52	13.69		20936	15.51	43.57	0.94	15.51	10.3	16.64	42.98	4.01
18266	9.45	0.1	43.28	9.79	9.45	34.78	3.15	5.79		20937	19.3	25.99	10.37	19.3	10.3	15.58	33.9	21.15
18267	8.35	0.1	20.21	8.35	9.23	21.54	3.98	5.79		20938	19.3	20.46	14.56	19.3	10.3	15.65	20.14	19.74

Table 3

18268	7.94	0.1	21.45	7.94	9.25	15.75	5.1	5.79		20939	14.66	14.6	14.66	19.3	10.3	13.04	17.4	19.74
18269	9.43	0.1	23.41	11.26	9.43	14.14	6.7	5.79		20940	18.1	14.51	14.66	28.78	20.99	15.94	18.1	22.85
18270	10.29	0.1	22.1	7.76	13.27	10.29	12.74	5.79		20941	15.72	15.72	6.45	40.7	0.14	17.4	72.58	7.46
18271	9.36	0.1	22.11	7.42	17.05	9.36	32.5	5.79		20942	9.58	15.45	5.58	50.16	0.13	9.58	69.67	7.46
18272	8.44	0.1	22.11	5.53	21.02	8.44	35.7	6.6		20943	7.51	11.66	6.75	53.39	0.13	7.51	60.67	7.46
18273	8.75	8.34	8.75	3.58	11.85	7.72	34.57	11.11		20944	10.54	11.5	9.66	47.08	0.13	10.54	50.74	7.46
18274	10.65	8.34	11.88	3.51	10.65	7.62	46.82	11.11		20945	11.74	11.2	11.74	37.67	0.23	15.03	45.55	7.46
18275	10.12	8.34	11.88	4.46	10.12	9.39	50.2	11.11		20946	15.31	6.16	15.31	28.71	0.83	34.48	37.91	7.46
18276	11.11	8.34	11.88	6.8	9.61	13.52	54.77	11.11		20947	19.56	10.36	72.16	19.56	1.13	60.89	14.83	26.03
18277	11.88	8.34	11.88	9.41	12.04	20.98	49.73	11.11		20948	18.24	10.93	74.41	18.24	3.67	60.84	14.83	25.83
18278	10.66	8.34	0.83	10.66	12.2	11.2	31.52	5.42		20949	18.54	18.54	74.41	16.7	3.61	59.68	14.83	25.96
18279	11.82	8.34	1.34	12.17	13.87	11.82	26.66	5.42		20950	19.45	18.39	73.27	19.45	3.9	57.14	14.83	25.93
18280	11.16	8.84	1.37	13.37	21.25	11.16	24.92	5.42		20951	19.21	19.75	18.21	34.22	19.21	21.24	12.18	11.03
18281	9.64	8.84	1.37	12.37	19.29	9.64	15.37	5.42		20952	18.87	18.87	16.52	28.73	19.93	19.18	14.3	10.94
18282	10.33	8.84	1.37	12.45	24.98	10.33	10.87	5.42		20953	18.46	21.59	18.34	30.81	18.46	22.73	14.3	13.52
18283	12.27	8.84	1.37	25.24	28.73	15.19	8.34	12.27		20954	13.94	3.87	13.94	12.18	32.03	14.56	27.3	5.2
18284	13.26	8.84	1.37	25.88	27.79	29.8	10.27	13.26		20955	12.45	3.02	18.38	12.18	31.22	12.45	23.74	4.99
18285	17.93	7.31	34.66	12.22	39.17	33.09	11.44	17.93		20956	13.35	3.01	23.66	12.18	39.95	13.35	23.16	5.02
18286	17.16	13.04	34.66	9.79	42.1	32.07	12.5	17.16		20957	14.6	2.99	22	11.61	58.51	14.6	21.42	5.98
18287	15.67	12.73	34.66	1.7	43.04	28.78	15.67	5.02		20958	12.33	12.33	2.14	9.17	17.83	14.45	46.7	2.44
18288	15.77	14.31	34.66	1.46	43.04	28.16	15.77	3.78		20959	3.97	2.9	1.36	9.17	17.72	3.97	46.7	2.44
18289	17.76	13.04	34.66	1.26	43.04	26.71	17.76	3.79		20960	2.66	2.66	0.94	9.17	16.42	1.57	46.7	2.02
18290	9.12	9.16	0.19	1.26	43.04	9.12	21.89	1.4		20961	2.48	2.48	0.66	9.17	15.11	0.64	64.69	1.21
18291	5.1	12.69	0.21	1.72	73.37	5.1	27.04	1.4		20962	2.46	2.46	0.68	9.17	23.25	0.86	67.05	1.59
18292	11.11	17.12	0.27	2.13	73.37	3.82	49.35	11.11		20963	3.57	3.57	0.88	16.25	33.85	2.06	67.05	2.22
18293	11.11	21.03	0.59	4.84	73.37	4.69	59.58	11.11		20964	8.23	5.73	1.29	17.62	50	8.23	47.29	2.44
18294	17.6	17.9	17.6	14.08	72.95	25.14	7.3	7.03		20965	11.01	4.37	22.24	9.49	20.62	14.22	9.72	11.01
18295	11.51	3.74	22.86	11.51	73.98	23.49	6.09	7.03		20966	11.21	4.37	25.87	9.45	20.62	12.39	9.44	11.21

Table 3

18296	11.51	3.67	31.82	11.51	73.93	23.37	5.31	7.03		20967	11.74	4.37	28.21	11.74	20.62	16	11.71	10.79
18297	10.98	3.67	33.26	10.98	71.99	22.16	4.26	7.03		20968	14.61	3.54	32.37	14.61	20.62	17.17	11.71	11.19
18298	10.98	3.67	36.96	10.98	68.2	21.01	3.25	7.03		20969	17.87	17.96	7.39	17.87	2.79	24.83	47.5	17.8
18299	10.98	3.67	19.42	10.98	51.27	23.29	7.14	9.89		20970	14.67	17.96	7.39	17.87	2.96	12.93	35.24	14.67
18300	15.04	8.25	24.33	10.98	44.17	25.14	7.3	15.04		20971	14.67	17.96	7.39	17.87	2.96	11.65	29.63	14.67
18301	14.93	2.19	14.93	5.82	11.07	16.83	22.05	19.14		20972	14.67	17.96	7.39	17.87	3.15	9.33	27.42	14.67
18302	16.85	2.19	22.7	10.43	11.5	16.85	21.09	20.66		20973	10.53	11.76	7.39	17.87	5.71	8.42	25.08	10.53
18303	18.01	2.19	24.69	12.91	10.91	20.39	18.01	27.06		20974	10.53	5.97	6.61	17.87	10.57	9.56	25.08	10.53
18304	12.28	12.28	0.21	9.36	28.43	31	13.62	1.73		20975	11.74	3.56	7.39	18.34	17.82	11.74	22.84	10.53
18305	10.43	24	0.19	8.78	24.8	10.43	13.62	1.59		20976	11.88	2.03	11.88	21.29	9.33	17.76	19.64	10.53
18306	7.24	7.24	0.19	8.41	24.23	4.5	13.62	0.86		20977	14.8	2.63	19.29	22.77	9.33	22.54	14.8	10.53
18307	5.52	5.52	0.17	7.39	21.88	1.89	13.62	0.78		20978	9.33	2.99	2.53	16.18	9.33	25.31	39.36	4.69
18308	5.17	5.17	0.17	7.47	25.99	1.25	13.62	0.78		20979	9.33	2.99	1.22	14.17	9.33	10.39	44.59	4.69
18309	5.45	5.45	0.48	14.07	28.43	2.11	13.62	1.03		20980	4.69	2.99	0.89	13.91	9.33	4.65	45.02	4.69
18310	7.09	5.52	0.67	16.19	37.35	7.09	14.5	1.08		20981	4.69	2.99	0.89	13.82	14.47	3.47	54.15	4.69
18311	14.91	16.48	12.17	13.57	39.4	14.91	18.99	10.53		20982	4.69	2.99	0.92	14.98	15.29	3.61	78.59	4.69
18312	13.92	5.24	24.89	6.54	43.07	14.8	13.92	0.86		20983	5.52	2.99	1.87	18.74	15.24	5.52	82.21	4.69
18313	5.57	0.22	15.03	1.66	31.03	5.57	11.81	0.86		20984	9.56	2.99	1.9	20.45	18.15	9.56	78.14	4.69
18314	2.65	0.22	18.85	1.61	31.48	2.65	9.57	0.86		20985	15.61	8.94	10.67	19.86	15.61	19.84	28.09	15.39
18315	2.69	0.22	21.68	1.66	30.86	2.69	7.98	0.86		20986	12.36	8.94	2.78	16.48	12.36	15.59	28.09	7.09
18316	3.61	0.22	27.02	1.79	30.32	3.61	7.29	0.86		20987	11.97	16.19	2.81	15.39	11.97	8.64	28.09	6.65
18317	5.98	0.29	30.51	4.91	35.01	5.98	15.25	0.86		20988	5.55	2.99	3.84	12.05	13.11	5.55	28.09	5.05
18318	17.57	1.37	35.46	7.45	39.38	17.57	25.97	0.99		20989	5.05	2.99	4.77	11.29	13.39	4.12	28.09	5.05
18319	19.22	1.42	52.58	12.78	8.09	23.09	20.78	19.22		20990	6.12	2.99	6.12	12.6	15.61	4.38	25.36	5.05
18320	16.64	1.42	40.11	11.85	7.64	16.64	21.4	17.95		20991	7.19	2.99	7.19	15.96	15.61	7.06	21.17	6.54
18321	19.25	2.19	34.95	19.25	11.21	16.72	37.97	20.38		20992	10.32	2.99	1.17	10.32	26.33	19.18	42.53	9.25
18322	16.38	16.38	41.4	15.51	71.06	46.51	3.33	10.81		20993	14.46	14.46	1.98	12.34	29	30.17	36.74	10.73
18323	12.89	5.5	55.77	19.53	12.6	38.1	1.93	12.89		20994	15.3	15.3	2.7	13.64	32.09	39.74	33.12	10.34

Table 3

18324	12.6	4.1	56.09	20.69	12.6	27.88	1.75	12.02		20995	16.54	16.54	6.65	14.8	28.24	50.7	22.73	10.53
18325	14.59	4.01	40.4	26.65	12.6	23.59	1.99	14.59		20996	17.55	15.89	34.91	17.55	31.98	16.5	48.82	9.97
18326	18.64	3.88	39.47	32.59	12.6	20.39	4.3	18.64		20997	19.31	14.56	38.94	18.16	34.65	19.31	47.69	10.13
18327	19.77	3.88	43.24	36.09	12.6	22.14	4.4	19.77		20998	11.54	9.56	2.28	16.13	30.08	11.54	43.02	10.45
18328	12.86	12.86	0.21	32.49	9.75	9.68	45.55	14.67		20999	9.12	8.21	2.53	15.44	23.91	9.12	39.26	8.11
18329	12.86	12.86	0.21	28.22	10	4.12	30.41	14.67		21000	9.62	8.21	3.78	17.68	24.07	9.62	37.27	8.54
18330	6.18	6.18	0.21	23.73	11.2	2.46	30.41	5.49		21001	11.44	8.21	5.9	18.55	23.22	10.08	32.86	11.44
18331	6.18	6.18	0.52	26.21	13.35	2.62	30.41	5.77		21002	13.79	8.21	7.02	26.77	24.29	13.79	45.99	11.76
18332	6.18	6.18	0.74	27.26	18.3	3.52	30.41	5.68		21003	17.58	12.33	17.58	6.36	21.02	40.22	46.78	9.5
18333	7.44	6.18	1.2	10.08	18.3	7.44	30.41	7.34		21004	19.58	12.33	19.58	6.07	20.43	29.13	46.78	6.82
18334	7.26	6.18	1.98	5.35	18.3	25.38	30.41	7.26		21005	19.28	12.33	20.6	7.51	19.28	25.66	46.78	6.94
18335	19.13	19.13	22.95	0.81	55.07	16.4	44.44	9.93		21006	16.91	12.33	21.91	7.9	16.91	23.53	46.78	6.81
18336	12.07	7.21	21.7	11.64	40.61	12.07	49.96	3.73		21007	19.48	12.33	25.71	12.66	19.48	31.07	83.08	6.92
18337	15.13	7.21	19.77	12.27	44.93	15.13	36.94	3.73		21008	13.89	7.24	56.88	13.89	13.51	19.76	66.04	0.67
18338	13.45	3.1	49	17.72	6.81	13.45	49.96	8.92		21009	13.51	5.22	57.93	13.99	13.51	11.37	63.2	0.57
18339	9.66	2.17	53.67	17.79	6.81	9.66	49.42	8.92		21010	13.51	5.22	63.45	16.58	13.51	13.13	61.55	0.59
18340	10.37	3.29	55.24	21.37	6.81	10.37	62.81	8.92		21011	13.51	5.22	46.94	19.52	13.51	10.05	59.81	0.55
18341	12.07	5.15	26.46	21.59	6.81	12.07	62.1	9.97		21012	13.51	5.22	50.79	24.85	13.51	9.66	69.69	0.58
18342	11.03	8.17	11.03	9.24	12.21	16.5	49.66	7.03		21013	13.51	5.22	45.92	35.45	13.51	10.87	73.98	1.7
18343	12.27	14.53	11.03	12.27	12.21	27.09	42.54	7.03		21014	13.64	7.76	10.95	13.64	75.22	48.94	31.31	4.93
18344	12.27	14.34	11.03	12.27	12.21	35.64	30.78	7.03		21015	15.11	6.71	15.11	13.64	75.22	48.17	31.31	7.02
18345	9.61	9.61	3.86	9.14	12.21	27.14	30.59	3.73		21016	19.68	6.71	19.68	13.64	75.22	50.59	31.31	10.83
18346	7.49	9.61	1.29	7.49	12.21	17.76	7.03	3.73		21017	19.68	6.71	19.68	13.64	75.22	57.92	31.31	17.54
18347	9.61	9.61	2.16	12.82	12.21	15.92	5.37	4.96		21018	17.8	2.22	46.7	60.4	9.14	61.7	15.9	17.8
18348	9.61	9.61	3.84	13.49	34.76	16.15	4	5.05		21019	17.8	2.03	46.7	44.12	3.86	50.4	15.5	17.8
18349	12.96	12.96	6.45	16.88	32.72	20.44	3.29	7.02		21020	19.15	2.1	50.88	32.6	4.48	41.51	19.15	17.8
18350	17.1	17.1	9.46	21.51	40.11	26.82	3.08	15.95		21021	19.47	6.51	26.91	24.97	17.1	19.47	24.48	17.8
18351	18.62	18.62	9.46	28.94	45.47	39.56	4.07	4.51		21022	15.03	10.25	9.57	22.3	56.28	28.92	15.03	14.94

Table 3

18352	18.62	18.62	9.46	29.28	49.58	45.06	5.07	18.44		21023	15.69	12.14	3.84	15.69	57.61	33.15	34.58	6.8
18353	11.77	8.89	3.75	25.55	37.23	11.77	50.72	6.18		21024	15.33	12.14	3.37	15.33	45.35	15.94	34.58	6.27
18354	8.44	8.44	2.19	25.48	38.35	4.29	10.36	6.18		21025	11.05	12.14	1.06	11.05	29.87	8.99	34.58	5.79
18355	6.18	3.85	2.19	25.14	36.47	2.2	10.78	6.18		21026	10.79	12.14	1.22	10.79	22.71	6.83	34.58	5.84
18356	6.18	3.43	2.19	27.61	40.44	2.48	12.78	6.18		21027	11.3	12.14	1.69	11.3	21.08	7.44	34.58	8.41
18357	6.18	3.16	2.19	28.83	40.44	3.52	14.81	6.18		21028	12.14	12.14	2.67	13.85	5.89	12.61	23.08	9.64
18358	13.97	6.71	2.19	43.06	40.44	7.12	20.96	13.97		21029	13.57	12.14	8.57	17.83	5.89	26.26	19.93	13.57
18359	18.6	9.61	7.06	18.6	2.49	68.12	28.26	19.74		21030	12.76	15.09	12.76	1.21	4.42	25.13	44.69	2.92
18360	14.94	9.61	8.55	14.94	2.5	62.87	28.26	19.74		21031	9.6	9.6	12.76	3.81	4.42	28.26	21.51	2.92
18361	13.93	9.61	6.49	13.93	1.99	46.2	28.26	15.26		21032	12.76	30.3	12.76	5.5	4.42	38.18	23.13	3.57
18362	14.62	8.74	8.22	14.62	1.96	37.93	28.26	15.26		21033	9.72	25.41	7.8	5.49	9.72	24.85	21.01	2.92
18363	15.26	9.61	9.98	16.21	1.99	36.49	28.26	15.26		21034	9.43	14.9	5.13	8.28	9.43	10.26	17.26	3.73
18364	15.26	9.61	8.6	25.81	5.07	38.67	28.26	15.26		21035	8.35	11	6.16	8.35	9.74	5.76	14.52	3.73
18365	15.26	13.04	11.41	30.71	5.06	49.39	28.26	15.26		21036	8.61	11.15	7.72	8.61	10.47	4.12	13.57	3.73
18366	15.19	14.24	10.59	15.19	23.05	68.76	10.86	20.38		21037	11.15	11.15	10.31	11.22	15.86	4.44	12.62	3.73
18367	16.05	14.24	16.05	12.87	23.05	73.66	10.86	18.12		21038	13.81	11.85	13.81	17.92	21.04	7.24	36.2	4.06
18368	19.62	14.24	20.75	16.18	23.05	78.31	10.86	19.62		21039	17.49	17.49	14.04	20.1	32.44	13.07	36.2	3.89
18369	18.53	10.76	18.53	2.61	47.51	72.12	40.61	6.6		21040	17.37	10.42	18.82	14.94	35.69	17.89	17.37	16.02
18370	9.71	9.3	9.71	2.24	43.12	59.93	40.61	6.6		21041	17.48	11.24	19.25	18.77	35.69	17.42	17.48	16.46
18371	9.71	8.99	9.71	1.78	42.17	52.36	37.65	6.6		21042	18.18	15.95	54.97	5.27	27.26	42.64	18.18	2.34
18372	7.76	7.76	6.51	1.06	31.23	40.85	32.38	7.03		21043	17.92	16.79	61.69	7.22	26.65	42.87	17.92	2.43
18373	9.2	7.76	9.2	1.24	29.4	39.76	33.92	7.03		21044	16.27	10.25	0.05	25.84	49.37	16.27	36.78	10.43
18374	9.51	7.76	9.51	1.83	30.19	40.28	28.73	7.03		21045	14.98	10.25	0.1	27.2	49.37	14.98	38.86	10.4
18375	9.71	8.1	9.71	3.63	34.22	47.78	24.4	7.03		21046	16.39	10.25	0.21	27.99	49.37	16.39	36.03	10.39
18376	9.83	9.83	9.71	8.26	42.31	56	30.51	7.03		21047	18.9	10.25	0.34	28.37	49.37	18.9	35.49	10.02
18377	15.93	10.09	15.93	22.51	7.63	27.98	32.33	5.79		21048	16.25	10.25	0.96	39.9	49.37	60.43	16.25	7.85
18378	12.5	9.13	12.5	28.74	12.26	30.74	29.18	8.66		21049	15.23	5.69	7.64	15.23	71.9	39.46	10.28	20.23
18379	11.11	8.34	11.03	1.73	43.88	49.79	17.79	11.11		21050	14.78	5.69	8.38	14.78	71.12	18.77	6.64	15.91

Table 3

18380	11.11	7.21	11.03	1.69	43.88	37.54	17.79	11.11		21051	15.22	5.69	10.27	15.35	70.33	15.22	4.45	15.91
18381	11.11	7.21	11.03	1.69	43.88	29.7	17.79	11.11		21052	10.89	5.69	7.5	24.65	53.02	10.89	4.47	15.91
18382	11.11	7.21	11.03	1.71	43.88	26.41	17.79	11.11		21053	13.45	5.69	9.75	26.26	37.98	13.45	4.56	15.91
18383	11.11	7.21	11.03	4.16	43.88	30.8	17.79	11.11		21054	18.39	13.73	14.57	34.36	37.98	18.39	21.92	15.91
18384	11.11	7.21	11.11	6.5	43.88	27.97	17.79	11.11		21055	15.91	8.2	56.28	9.1	33.01	69.92	10.01	15.91
18385	18.97	3.31	31.37	13.79	65.86	18.97	41.89	11.11		21056	15.9	8.19	62.7	8.01	32.57	56.58	7.06	15.9
18386	7.4	3.31	6.12	14.23	64.8	5.31	33.31	7.4		21057	15.9	8.09	67.45	8.01	32.72	50.06	5.46	15.9
18387	6.8	3.31	6.8	14.06	64.76	2.11	25.34	4.17		21058	15.9	7.56	66.51	8.01	30.51	40.83	4.25	15.9
18388	8.12	3.31	8.12	14.14	65.49	1.88	20.29	4.69		21059	8.01	7.62	22.53	8.01	41.64	37.8	6.31	5.12
18389	10.11	3.31	10.11	15.26	67.52	2.37	18.94	6.34		21060	9.62	18.61	8.6	8.21	50.61	32.99	9.62	6.08
18390	11.03	3.31	11.03	24.39	75.22	4.75	36.88	8.42		21061	12.53	13.11	12.53	8.88	58.13	35.43	11.6	6.3
18391	18.49	3.66	11.03	22.58	75.22	18.49	49.01	8.42		21062	11.09	10.25	11.09	14.53	18.63	35.19	8.5	6.02
18392	19.3	7.21	70.42	19.3	30.07	60.53	8.2	15		21063	14.28	10.25	14.28	14.82	18.63	33.07	9.82	5.21
18393	19.77	7.21	73.57	19.77	30.07	60.15	5.8	15.01		21064	16.15	10.25	14.06	23.74	18.63	30.09	16.15	7.75
18394	15.69	7.21	73.57	15.69	30.07	51.36	3.97	13.21		21065	18.63	10.25	17.19	28.38	18.63	36.37	19.11	7.93
18395	7.14	7.21	6.12	7.14	30.07	29.89	1.64	6.79		21066	15.91	1.26	19.91	26.17	30.25	12.47	13.84	15.91
18396	8.69	8.73	8.69	8.28	30.07	20.9	1.86	6.78		21067	19.86	1.16	19.29	23.86	29.54	8.44	19.86	24.13
18397	7.65	8.72	6.34	7.65	30.07	14.89	1.97	6.57		21068	13.55	1.9	19.29	13.55	38.32	6.08	15.89	1.08
18398	6.35	13.45	6.35	6.31	54.26	12.89	3.28	6.15		21069	12.46	3.32	12.46	17.93	38.66	6.61	15.48	1.07
18399	8.3	14.24	8.12	6.36	54.21	14.64	8.3	5.05		21070	13.87	5.78	13.87	17.93	38.66	7.96	20.13	1.05
18400	8.99	15.48	8.31	8.99	35.05	16.85	6.83	5.05		21071	13.58	10.25	13.58	13.64	37.86	10.5	19.14	1.1
18401	10.74	15.67	10.74	9.9	35.05	26.07	3.72	5.05		21072	16.06	10.25	21.94	13.64	37.86	16.06	19.14	1.15
18402	14.24	14.24	16.97	5.44	35.05	27.94	3.11	7.95		21073	19.14	10.25	26.55	13.64	37.86	24.35	19.14	3.36
18403	18.93	22.62	18.93	6.31	35.05	22.44	2.83	5.79		21074	19.14	10.25	30.25	13.64	37.86	29.81	19.14	3.38
18404	18.26	20.48	20.48	6.04	35.05	18.26	2.8	8.88		21075	16.52	31.13	13.38	17.52	16.12	15.14	25.22	16.52
18405	13.06	13.06	16	4.06	35.05	14.92	4.26	5.16		21076	13.75	31.13	8.97	13.75	16.12	7.06	19.17	1.16
18406	12.08	12.08	21.54	4.06	30.99	17.08	4.2	6.84		21077	13.69	31.13	9.09	13.69	16.12	6.27	18.8	1.16
18407	13.85	13.85	27.47	7.69	27.94	21.24	8.21	7.65		21078	13.64	32.04	12.46	21.73	16.12	7.68	13.64	1.16

Table 3

18408	9.77	9.77	31.63	7.49	28.1	27.87	9.68	7.78		21079	11.4	3.31	12.72	11.4	16.12	7.27	13.64	1.16
18409	11.15	10.64	40.88	11.15	35.54	41.32	9.67	8.29		21080	8.18	3.31	11.45	2.62	16.12	8.18	13.64	1.16
18410	14.34	11.59	31.97	15.76	57.19	9.82	13.63	14.34		21081	12.47	2.61	14.74	2.17	16.12	12.47	13.64	1.16
18411	14.34	12.14	24.3	14.99	53.78	3.31	13.63	14.34		21082	13.64	1.91	15.9	2.33	24.93	17.42	13.64	1.16
18412	14.34	11.39	26.5	15.43	51.27	3.31	13.63	14.34		21083	13.64	3.2	26.33	2.08	24.93	17.2	13.64	5.35
18413	14.34	10.25	29.32	15.86	49.58	3.88	13.63	14.34		21084	13.64	3.31	21.43	3.2	24.93	15.68	13.64	6.37
18414	14.26	12.14	31.34	14.26	34.65	4.92	13.63	14.34		21085	17.63	3.31	20.88	4.81	38.83	17.63	20.15	8.96
18415	14.34	12.14	24.69	21.69	34.65	8.66	13.63	14.34		21086	10.92	10.92	3.43	5.81	23.23	20.67	19.71	2.49
18416	7.41	19.18	7.41	1.57	28.36	4.32	42.27	0.15		21087	4.61	1.77	4.59	4.61	22.78	12.71	19.71	2.1
18417	5.63	17.32	5.63	1.43	25.38	0.82	36	0.13		21088	4.28	1.74	4.28	3.77	23.02	8.92	19.71	2.57
18418	6.87	19.82	6.87	1.42	26.04	0.55	37.29	0.11		21089	7.06	1.86	7.06	4.59	25.55	9.72	34.76	4.51
18419	9.01	18.67	9.01	1.31	25.32	0.7	36.43	0.11		21090	9.55	1.86	9.55	5.71	36.19	11.63	34.74	7.17
18420	9.71	25.96	9.71	2.01	31.97	1.04	49.4	0.15		21091	13.23	2.7	13.23	7.02	47.07	18.11	47.9	8.92
18421	9.71	26.91	9.71	2.61	42.78	1.81	31.67	0.15		21092	17.85	7.01	17.85	10.16	57.94	39.03	47.9	8.92
18422	9.71	22.33	9.71	7.01	42.31	4.84	29.29	0.15		21093	19.73	31.47	13.39	12.8	60.03	19.73	28.81	6.52
18423	14.88	2.87	24.77	14.88	42.31	6.34	22.89	2.49		21094	18.68	27.22	15.76	14.33	68.95	18.68	27.46	5.05
18424	14.24	2.79	33.58	17.43	14.24	4.23	22.46	1.74		21095	15.87	31.37	12.67	17.6	65.92	15.87	11.65	5.05
18425	12.87	2.78	37.21	22.19	13.49	3.61	12.87	1.25		21096	18.46	34.56	15.03	31.52	66.97	18.46	10.43	5.05
18426	12.35	2.77	37.91	18.19	12.86	3.93	12.35	1.71		21097	15.7	18.11	15.7	12.25	71.31	18.34	10.07	5.05
18427	12.74	2.71	41.9	19.88	12.74	5.31	14.5	3.28		21098	16.17	17.67	16.17	11.53	74.88	20.59	9.51	5.05
18428	15.21	2.31	25.13	19.23	15.21	9.62	16.34	3.54		21099	15.89	15.89	18.57	6.55	54.97	24.94	11.32	6.31
18429	11.28	2.23	5.11	11.28	15.21	12.55	14.97	0.95		21100	17.03	17.03	21.21	4.33	50.96	26.85	13.05	5.41
18430	11.59	11.59	3.46	14.59	15.21	6.09	18.54	0.95		21101	17.03	17.03	26.49	4.59	45.36	31.21	13.89	7.03
18431	8.61	8.61	3.9	15.04	32.67	4.55	19.54	0.95		21102	14.88	9.61	14.88	15.56	11.63	44.82	14.31	20.38
18432	11.47	11.47	2.73	12.04	32.67	4.03	22.13	0.93		21103	12.6	18.4	8.3	12.6	11.63	33.28	9.04	20.38
18433	11.59	11.59	3.63	18.43	32.67	5.6	22.13	0.95		21104	14.32	18.55	13.03	14.32	11.63	28.96	6.41	21.01
18434	11.59	11.59	4.71	21.07	32.67	8.47	27.53	0.95		21105	11.63	6.71	17.04	14.04	11.63	21.26	4.95	8.92
18435	18.67	4.75	28.43	43.28	10.03	37.18	18.67	10.53		21106	11.63	10.84	21	14.32	11.63	17.77	4.42	8.92

Table 3

18436	16.14	4.75	32.84	46.97	8.54	34.51	16.14	10.53		21107	10.36	12.22	24.92	10.36	4.01	20.6	7	8.92
18437	13.54	4.17	38.54	33.76	7.9	33.15	13.54	10.53		21108	17.54	33.46	23.56	17.54	4.01	22.76	8.31	8.92
18438	14.95	1.77	41.3	32.97	6.61	31.7	14.95	10.53		21109	13.71	6.71	30.27	32.47	4.01	32.39	13.71	11.28
18439	15.51	2.72	44.56	33.27	11.04	38.29	15.51	10.53		21110	13.98	6.71	34.47	32.33	4.01	38.43	13.98	11.21
18440	14.56	13.66	14.56	11.68	35.36	18.75	29.41	13.69		21111	18.98	17.89	53.12	18.98	4.43	65.45	13.87	21.07
18441	13.69	10.92	18.87	12.17	32.45	11.77	35.17	13.69		21112	17.18	4.37	53.12	7.96	17.97	25.39	2.64	17.18
18442	18.64	10.92	19.29	18.64	32.39	8.16	26.8	13.69		21113	17.09	4.37	58.83	8.03	17.09	17.14	2.58	17.18
18443	13.69	10.92	19.29	22.71	7.45	6.79	23.52	13.69		21114	14.44	4.37	61.5	7.94	15.97	14.44	2.85	14.67
18444	10.92	10.92	18.04	14.12	7.45	7.23	4.72	13.69		21115	14.95	6.18	66.81	8.75	14.99	14.95	2.85	17.04
18445	10.92	10.92	19.29	16.73	7.45	10.52	3.67	13.69		21116	15.54	3.31	10.85	16.37	26.29	27.8	2.18	15.54
18446	16.04	10.92	19.29	16.04	7.45	21.46	3.15	18.49		21117	17.41	3.31	11.63	29.16	29.22	44.13	3.69	17.41
18447	14.73	10.92	36.71	14.73	7.45	44.46	2.66	19.48		21118	17.33	3.31	12.08	33.33	33.76	37.95	3.3	17.33
18448	13.64	11.59	36.71	13.64	7.45	54.02	1.97	23.35		21119	15.5	3.31	14.88	22.9	31.64	39.94	2.55	15.5
18449	13.73	11.59	36.71	13.73	7.45	58.14	1.56	23.35		21120	18	3.31	18	20.45	37.82	44.66	3.62	16.01
18450	14.65	11.59	46.8	14.65	11.05	55.2	2.89	23.35		21121	14.67	5.24	15.13	12.6	4.76	54.95	25.89	14.67
18451	8.62	8.21	29.27	16.74	5.17	44.82	4.56	8.62		21122	4.69	3.61	25.57	2.61	7.46	7.59	2.18	4.69
18452	12.5	8.21	37.02	24.32	5.17	44.14	4.3	12.5		21123	0.35	3.22	0.45	0.35	0.04	0.19	1.13	0.05
18453	8.21	8.21	41.69	28.28	5.3	41.35	4.91	5.79		21124	0.31	2.79	0.34	0.31	0.03	0.06	1.04	0.05
18454	12.3	12.3	46.41	39.08	5.78	43.69	4.91	6.64		21125	0.26	1.49	0.27	0.26	0.03	0.01	0.8	0.05
18455	8.21	8.21	38.78	39.67	5.17	41.61	4.91	6.52		21126	0.23	1.51	0.29	0.23	0.03	0.01	0.73	0.05
18456	8.21	8.21	42.86	41.13	5.17	46.81	4.91	6.72		21127	0.33	1.7	0.35	0.33	0.03	0.02	0.9	0.05
18457	18.79	8.21	52.56	43.56	18.79	54.77	15.18	7.08		21128	0.53	1.65	0.53	1.39	0.36	0.08	1.35	0.27
18458	18.85	11.13	42.57	4.1	62.52	18.85	36.41	7.46		21129	1.88	2.71	0.83	1.88	17.47	2.33	1.46	0.28
18459	19.75	9.68	24.97	4.61	62.03	19.75	30.96	7.46		21130	14.66	4.95	14.66	9.28	33.38	34.38	1.72	19.51
18460	16.9	2.1	16.9	22.89	54.19	40.07	0.42	6.34		21131	8.12	6.86	39.31	8.12	36.07	54.15	2.05	3.46
18461	15.07	2.28	24.26	15.07	57.98	38.87	0.52	6.83		21132	5.19	7.25	5.19	0.1	37.96	54.7	2.22	1.05
18462	15.33	2.25	29.95	15.33	63.7	37.56	0.56	6.79		21133	2.5	7.12	2.3	0.09	36	42.28	2.5	1.05
18463	17.3	2.28	36.76	17.3	67.96	37.67	1.51	7.26		21134	2.49	1.55	2.49	0.04	38.56	28.98	2.51	1.05

Table 3

18464	8.42	2.29	8.42	8.51	69.97	33.59	3.04	4.17		21135	1.85	1.55	1.85	0.03	35.19	16.67	4.47	1.05
18465	8.15	8.15	8.74	8.03	49.83	27.78	6.64	5.94		21136	3.04	1.55	3.04	0.04	36.63	16.15	31.45	1.05
18466	9.58	7.88	10.05	8.61	49.83	26.73	9.58	6.05		21137	4.19	1.55	4.19	0.09	40.08	15.06	27.15	1.2
18467	13.76	41.21	13.76	8.69	49.83	24.49	12.82	6.85		21138	6.16	1.75	6.16	0.16	43.1	17.08	32.47	2.92
18468	11.16	15.72	14.37	8.61	1.51	11.16	12.82	4.01		21139	7.65	1.75	7.65	4.8	49.25	20.75	30.23	2.92
18469	15.72	15.72	19.01	16.1	1.34	9.63	28.54	4.01		21140	9.86	1.75	9.86	7.1	54.14	13.62	30.23	0.47
18470	15.72	15.72	26.57	23.08	1.58	11.48	25.53	4.04		21141	10.03	2.71	11.03	7.1	56.27	10.03	30.23	0.47
18471	14.87	14.87	28.3	39.07	1.61	10.92	37.32	13.37		21142	9.86	2.71	11.03	7.16	58.04	9.86	30.23	0.48
18472	19.12	15.72	48.32	50.86	3.3	19.12	46.27	13.69		21143	7.21	2.71	11.03	7.21	53.12	7	30.23	0.47
18473	14.63	44.04	14.63	2.04	8.77	18.02	68.92	0.86		21144	10.34	2.71	11.03	10.34	61.02	7.29	30.23	0.49
18474	12.08	31.08	12.08	1.78	9.83	13.22	68.92	0.7		21145	10.34	2.71	15.67	10.34	66.11	10.16	30.23	1.85
18475	11.49	31.56	15.15	1.75	11.49	11.33	29.37	0.76		21146	19.57	13.31	40.43	19.57	6.92	40.56	44.82	18.44
18476	12.71	31.57	18.34	7.41	12.71	12.05	26.93	0.81		21147	14.41	14.41	26.09	13.73	26.37	13.85	61.6	0.07
18477	15.64	28.94	21.89	7.41	15.64	13.88	39.99	2.2		21148	14.41	14.41	33.03	14.24	33.89	10.51	61.27	0.07
18478	14.62	33.16	8.85	12.31	15.64	14.62	26.42	2.02		21149	17.13	14.41	35.02	17.13	36.89	8.12	63.02	0.07
18479	15.9	23.72	10.78	27.2	13.96	14.14	16.31	15.9		21150	10.21	10.21	42.4	10.21	37.18	6.66	65.88	0.06
18480	13.96	23.72	7.66	28.16	13.96	7.23	14.84	12.4		21151	10.58	10.58	12.76	10.67	8.48	7.02	15.47	0.04
18481	13.96	19	7.89	42.55	13.96	5.02	14.84	6.81		21152	11.52	13.41	21.61	8.11	11.52	8.04	18.79	0.09
18482	13.96	15.45	9.94	35.39	13.96	5.87	14.84	5.42		21153	13.35	3.54	20.43	6.53	13.35	16.08	27.33	0.09
18483	14.84	20.59	29.43	38.33	13.96	8.35	14.84	7.4		21154	8.35	4.37	53.12	7.18	8.35	5.25	13.86	9.97
18484	9.54	8.34	7.92	9.75	31.66	19.01	9.54	1.92		21155	7.99	4.37	58.47	7.24	7.99	1.62	11.23	9.97
18485	9.03	8.34	9.03	9.75	40.47	12.96	7.45	1.91		21156	7.76	3.74	60.25	7.24	7.76	0.99	8	9.97
18486	9.75	8.34	11.72	9.75	75.22	12.72	5.79	1.95		21157	7.86	2.86	62.1	7.86	7.77	0.94	8.13	9.97
18487	9.75	8.34	12.26	9.75	75.22	11.63	5.58	1.81		21158	10.31	4.77	62.43	12.19	12.99	1.88	8.88	10.31
18488	11.97	8.34	15.15	11.97	75.22	16.4	5.13	1.93		21159	13.95	4.77	62.27	13.95	20.35	4.74	6.73	24.2
18489	16.88	8.34	17.35	16.88	75.22	20.02	4.23	5.51		21160	17.74	25.03	11.91	3.63	17.74	88.3	24.73	4.14
18490	17.8	8.84	17.78	24.21	57.22	16.6	24.1	17.8		21161	17.74	20.06	6.16	3.43	17.74	71.47	24.73	3.81
18491	17.8	8.84	17.78	32.53	12.89	19.9	22.66	17.8		21162	8.01	4.44	8.01	3.56	17.74	36.1	24.73	3.41

Table 3

18492	17.8	8.84	17.78	32.45	12.99	24.4	22.66	17.8		21163	6.83	4.17	6.83	3.93	18.41	19.91	24.73	3.44
18493	17.8	10.22	17.78	34	11.41	28.24	22.66	17.8		21164	8.67	4.19	8.12	8.67	16.89	18.77	24.73	6.38
18494	17.8	10.22	17.78	34.82	11.6	36.26	22.66	17.8		21165	10.99	3.59	10.34	10.99	16.78	16.39	27.42	5.72
18495	17.08	5.69	15.14	23.3	10.94	22.72	44.45	17.08		21166	19.56	10.25	13.13	23.66	24.54	19.56	27.54	9.43
18496	18.73	5.69	22.17	18.73	9.35	21.31	16.43	27.27		21167	19.24	58.7	35.16	12.39	12.85	51.99	19.24	6.92
18497	10.8	5.69	24.59	2.5	10.8	17.14	10.55	27.55		21168	19.24	70.94	28.78	12.2	17.12	33.61	19.24	6.84
18498	3.74	1.59	9.99	0.58	10.72	13.04	3.74	1.41		21169	19.24	70.94	28.78	12.51	17.21	34.59	19.24	7.08
18499	3.7	1.59	14.34	0.42	10.72	10.98	3.7	1.29		21170	19.24	70.94	28.78	12.32	16.47	31.11	19.24	5.78
18500	3.79	1.59	15.67	0.41	10.72	9.34	3.79	1.27		21171	19.24	70.94	28.78	12.69	13.7	35.45	19.24	5.87
18501	3.18	1.59	15.67	0.44	10.72	7.79	3.18	1.1		21172	11.34	1.63	31.78	11.34	47.66	10.84	74.9	0.38
18502	3.1	1.59	15.67	0.64	10.72	8.18	3.1	1.1		21173	17.06	1.73	32.96	17.06	46.85	5.24	74.9	0.38
18503	5.16	5.16	15.67	1.15	10.72	10.28	4.87	2.23		21174	2.36	1.61	2.14	10.19	42.36	2.36	61.93	0.38
18504	6.57	4.44	15.67	2.5	10.72	17.04	6.57	2.14		21175	1.73	1.51	1.73	9.72	34.78	1.22	24.69	0.38
18505	15.26	5.69	43.3	8.01	29.58	20	15.26	3.73		21176	2.24	1.49	2.24	11.8	34.78	1.57	24.69	0.38
18506	5.69	5.69	36.56	2.92	26.32	16.9	2.78	3.73		21177	3.73	3.73	2.36	10.92	18.6	2.16	24.69	0.75
18507	5.69	5.69	40.58	2.43	23.76	14.63	2.78	3.73		21178	6.66	3.85	2.7	11.89	18.6	6.66	24.69	0.81
18508	5.69	5.69	46.69	2.08	32.17	14.28	2.63	3.73		21179	18.6	15.02	4.21	21.56	18.6	25.27	24.69	5.05
18509	5.69	5.69	24.57	1.93	41.7	15.3	2.78	3.73		21180	18.62	18.62	5.95	24.7	18.6	47.06	24.69	5.05
18510	4.08	5.69	1.1	2.36	41.05	17.11	2.94	4.08		21181	16.15	26.99	41.93	3.58	3.25	16.15	54.52	14.79
18511	8.16	7.76	1.17	8.16	56.77	23.78	6.24	11.66		21182	19.19	0.68	32.84	41.2	0.05	19.19	61.08	10.73
18512	12.22	23.47	0.89	10.26	37.89	21.61	11.14	12.22		21183	16.59	0.68	25.4	32.53	0.04	7.49	34.77	16.59
18513	18.55	9.61	32.83	18.55	10.99	27.91	0.22	18.75		21184	15.91	0.68	29.46	33.98	0.05	5.09	32.33	15.91
18514	15.26	15.09	41.65	18.55	11.41	29.04	0.25	15.26		21185	15.91	0.68	34.4	33.97	0.05	4.65	30.63	15.91
18515	15.26	15.09	40.39	16.16	10.87	30.39	0.51	15.26		21186	15.91	0.68	39.15	34.26	0.14	5.68	28.51	15.91
18516	14.98	4.01	47.01	15.37	16.85	14.98	0.57	7.03		21187	8.83	1.04	33.37	22.22	0.33	8.83	8.5	25.18
18517	7.03	4.01	8.03	4.63	20.54	9.49	0.23	7.03		21188	19.52	4.89	14.4	78.44	9.23	33.93	78.14	19.52
18518	7.03	4.01	10.31	5.56	20.54	9.35	0.31	7.03		21189	19.77	3.55	16.98	73.19	8.48	30.13	65.25	19.77
18519	7.03	4.01	11.97	5.52	42.7	7.44	0.31	7.03		21190	19.87	3.12	19.87	33.91	13.3	32.27	46.87	19.06

Table 3

18520	7.03	2.21	9.99	4.1	48.38	7.49	0.35	7.03		21191	6.18	31.91	0.96	5.28	32.99	4.61	83.87	6.18
18521	7.03	2.21	10.16	3.7	32.4	8.18	0.54	7.03		21192	6.18	23.41	0.99	3.8	18.26	1.21	82.85	6.18
18522	3.94	2.21	3.94	3.39	32.4	8.65	1.2	7.03		21193	6.18	19.71	1.5	3.38	15.97	0.7	79.07	6.18
18523	4.47	2.85	4.17	4.47	26.57	14.29	1.94	8.42		21194	4.16	19.76	2.39	3.86	4.16	0.67	30.78	6.18
18524	6.6	2.93	6.4	6.6	26.08	14.72	6.31	9.84		21195	5.67	20.23	3.73	5.67	4.16	1.32	23.07	6.18
18525	10.46	2.95	7.48	9.58	24.96	19.85	10.46	14.04		21196	7.26	28.79	5.27	7.26	4.16	3.71	24.3	9.35
18526	18.29	3.06	16.68	18.29	25.1	30.09	10.68	23.14		21197	7.02	16.11	5.02	0.03	4.16	27.38	9.45	7.02
18527	11.1	4.37	8.5	17.55	11.1	26.82	11.85	9.46		21198	7.25	1.87	7.25	0.03	4.16	28.75	8.76	8.04
18528	15.94	4.37	9.8	29.13	2.41	18.13	15.94	17.18		21199	4.16	0.6	3.88	0.03	4.16	8.44	8.07	7.46
18529	17.18	4.37	21.32	25.83	2.18	13.13	21.85	17.18		21200	3.88	0.6	3.88	0.02	4.16	3.79	8.16	7.46
18530	17.18	2.18	29.72	28.08	2.45	13.13	34.07	17.18		21201	3.88	0.6	3.88	0.02	10.44	2.55	8.31	7.46
18531	17.18	1.24	32.85	31.84	2.49	14.8	38.05	17.18		21202	3.88	0.6	3.88	0.03	12.5	2.74	11.69	7.46
18532	18.39	5.06	38.92	6.48	18.39	65.72	62.68	4.69		21203	4.09	0.6	3.88	0.14	15.55	4.09	26.72	7.46
18533	15.2	6.06	41.19	6.48	18.37	69.82	15.2	4.69		21204	8.83	1.29	3.88	7.67	23.17	8.83	18.28	9.17
18534	12.48	5.96	42.93	9.02	18.04	63.12	12.48	4.69		21205	3.64	2.46	3.88	0.24	19.56	24.81	3.64	0.7
18535	9.31	4.69	35.5	8.35	12.28	49.41	9.31	4.69		21206	3.64	2.63	18.16	0.24	19.56	59.47	3.64	0.7
18536	9.92	6.76	41.73	9.92	15.02	47.08	9.31	4.69		21207	3.64	1.26	18.16	0.24	19.56	74.4	3.64	0.7
18537	9.41	6.74	36.56	9.41	17.51	46.33	6.07	4.89		21208	3.64	1.26	6.99	0.1	3.86	71.67	3.64	0.7
18538	10.99	9.44	45.09	10.99	20.57	47.42	5.37	5.39		21209	3.64	1.26	6.99	0.1	3.86	72.07	3.64	0.7
18539	15.56	9.63	45.09	15.56	30.19	48.35	4.54	13.47		21210	3.64	1.26	6.99	0.3	3.86	77.82	3.64	1.46
18540	15.08	15.08	25.31	18.81	13.95	37.19	9.31	3.02		21211	7.97	21.59	0.7	7.97	28.17	5.44	59.98	5.79
18541	17.2	17.2	28.58	21.08	14.47	27.2	9.31	2.76		21212	5.79	18.19	0.74	5.57	17.34	1.64	56.06	5.79
18542	19.53	19.53	25.78	33.74	14.48	26.29	14.49	2.57		21213	5.79	16.24	1.12	5.11	15.77	1.05	61.82	5.79
18543	16.44	14.41	16.44	43.29	7.03	36.51	39.98	8.42		21214	5.78	16.24	1.83	5.78	4.16	1.05	21.23	5.79
18544	18.83	14.41	18.83	43.45	6.15	24.6	43.75	8.42		21215	6.32	16.53	2.91	8.13	4.16	1.95	15.2	6.32
18545	15.61	14.41	16.85	39.88	4.94	15.61	43.52	8.42		21216	10.43	26.44	4.17	10.43	4.16	5.58	23.39	12.94
18546	14.41	14.41	14.78	38.32	4.16	11.99	38.91	8.42		21217	8.06	15.58	4.74	0.03	4.16	32.97	9.43	8.06
18547	15.68	14.41	16.97	20.1	6.72	15.68	50.46	8.42		21218	7.36	1.87	7.36	0.03	4.16	28.97	8.78	8.04

Table 3

18548	17.9	14.41	17.9	20.1	9.8	23.78	38.07	10.83		21219	19.24	70.94	35.16	12.71	18	41.63	19.24	7.16
18549	14.41	14.41	20.99	12.08	9.8	52.96	21.94	10.57		21220	19.24	70.94	35.16	12.51	16.4	35.73	19.24	7.08
18550	15.77	15.77	38.25	11.28	9.8	63.18	12.61	19.1		21221	19.24	70.37	35.16	11.91	4.81	30.3	19.24	5.05
18551	15.77	15.77	38.25	10.24	9.8	67.87	13.07	21.29		21222	19.24	70.94	35.16	12.25	4.71	33.28	19.24	5.05
18552	15.77	15.77	38.25	10.62	9.8	73.28	12.33	30.84		21223	13.17	2.71	38.49	10.21	50.39	13.17	74.2	1.16
18553	9.8	3.51	14.84	4.37	9.8	79.31	8	19.33		21224	13.88	2.86	40.12	13.88	50.39	6.73	81.44	1.16
18554	9.8	6.3	11.59	4.62	9.8	81.68	8	12.23		21225	3.07	2.55	2.2	9.36	50.01	3.07	61.42	1.16
18555	11	6.29	11.89	4.59	30.43	83.2	8	11		21226	2.4	2.4	1.76	8.97	34.78	1.64	24.69	0.91
18556	11.59	5.84	11.59	0.81	43.75	32.86	13.44	0.11		21227	2.22	2.22	2.22	11.37	34.78	1.9	24.69	1.16
18557	11.59	4.44	11.59	0.73	37.47	17.04	36.75	0.11		21228	4.26	4.26	2.32	10.73	18.6	2.57	24.69	1.16
18558	11.59	2.46	11.59	0.83	36.93	11.65	36.75	0.11		21229	6.66	4.38	2.6	11.85	18.6	6.66	24.69	1.16
18559	8.63	2.46	11.59	0.78	36.12	8.63	32.71	0.11		21230	18.6	15.02	4.25	21.44	18.6	25.02	24.69	5.05
18560	7.66	5.67	24.69	0.74	37.36	7.66	27.59	0.11		21231	18.42	13.04	47.7	9.75	46.19	18.42	52.97	8.39
18561	8.56	5.67	24.69	0.69	42.21	8.56	22.72	0.11		21232	16.04	13.04	51.67	9.75	46.19	16.04	51.95	8.68
18562	5.67	5.67	4.12	0.66	19.51	11.62	19.82	0.11		21233	12.18	8.65	52.21	9.75	46.19	12.18	52.51	9.89
18563	5.67	5.67	2.78	1.07	19.51	14.53	20.73	3.73		21234	18.01	7.67	54.77	15.46	46.19	13.04	50.59	18.01
18564	6.93	6.93	4.31	1.71	19.51	17.59	43.53	5.05		21235	18.19	13.72	41.99	13.64	70.58	41.07	18.19	14.68
18565	8.34	23.55	3.97	6.18	8.34	16.64	10.68	5.05		21236	16.33	13.72	49.02	13.64	72.59	43.26	15.43	16.33
18566	8.91	34	5.99	8.91	8.34	22.45	10.68	5.05		21237	15.51	13.72	48.36	13.64	69.91	40.08	10.88	15.51
18567	10.68	46.81	8.6	19.48	8.34	27.16	10.68	5.05		21238	16.13	20.36	0.99	7.57	16.13	18.88	78.06	1.27
18568	10.68	70.94	8.5	17.24	8.34	29.13	10.68	5.05		21239	11.27	22.06	1.45	7.84	17.58	11.27	78.06	1.27
18569	17.16	30.67	17.16	23.8	8.34	30.77	10.68	11.66		21240	8.31	21.21	1.5	8.31	18.65	7.18	83.87	1.27
18570	10.68	8.9	21.47	13.41	8.34	22.62	10.68	4.01		21241	7.82	20.18	1.41	7.82	19.93	6.08	83.87	1.13
18571	8.34	7.72	21.19	12.32	8.34	16.04	7.63	4.01		21242	8.66	20.32	2.01	7.01	27.57	8.66	81.82	1.27
18572	13.16	7.74	27.05	13.16	24.65	16.9	6.12	4.72		21243	19.02	44.74	3.1	9.83	37.48	19.02	44.9	1.58
18573	15.17	7.72	33.71	15.17	24.65	20.01	2.81	4.79		21244	7.14	3.31	9.91	7.14	23.68	6.93	37.21	3.44
18574	16.25	9.89	44.02	16.25	24.65	25.41	3.18	8.08		21245	6.5	3.31	6.5	6.92	23.04	1.81	37.21	3.44
18575	18.99	10.55	37.49	15.62	53.31	39.3	7.56	18.99		21246	6.7	3.31	6.7	7.88	21.94	1.03	49.55	3.44

Table 3

18576	19.13	7.55	43.25	15.86	27.5	26.36	6.65	19.13		21247	7.04	3.31	7.04	16.11	20.82	1.25	60.86	3.89
18577	19.64	8.05	50.52	16.32	27.5	24.75	6.29	19.64		21248	9.3	3.31	9.3	17.85	35.24	2.43	66.71	6.76
18578	17.11	8.01	57.49	17.11	27.23	22.94	10.02	8.29		21249	12.28	7.27	12.28	40.64	46.4	6.8	66.71	10.53
18579	14.38	10.63	62.06	14.38	27.25	24.77	13.58	4.28		21250	11.51	23.65	6.79	12.95	11.51	11.49	57.28	3.64
18580	19.74	6.07	10.24	23.93	4.58	33.51	40.27	19.74		21251	11.59	23.63	7.69	12.95	11.59	10.7	57.28	2.66
18581	17.11	17.11	8.27	53.3	4.59	17.49	25.04	11.99		21252	12.36	23.65	9.71	12.95	12.36	11.58	56.91	1.96
18582	11.16	13.24	8.27	49.2	8.88	10.77	20.54	11.16		21253	12.91	29.6	10.58	36.58	12.45	12.91	58.66	1.69
18583	8.4	8.24	8.64	47.81	8.4	5.98	17.62	7.9		21254	15.15	15.15	13.63	21.07	18.49	16.96	5.47	2.05
18584	9.25	6.05	9.25	41.49	23.23	4.32	13.41	5.82		21255	13.82	27.97	8.82	29.85	34	13.82	4.45	11.45
18585	12.47	12.59	12.47	32.29	23.23	7.57	6.64	5.79		21256	18.64	21.22	2.27	18.64	26.38	7.22	39.46	14.65
18586	17.15	17.15	23.46	32.84	23.23	16.78	6.42	6.61		21257	15.52	46.25	6.79	20.23	14.75	41.47	15.52	9.8
18587	12.46	0.41	39.45	28.49	13.25	12.46	2.41	10.44		21258	9.12	32.16	6.79	6.04	14.04	16.28	9.12	1.39
18588	11.66	0.4	45.74	30.55	13.39	8.65	4.4	11.66		21259	8.42	32.15	6.79	6.04	14.04	9.52	8.42	1.38
18589	13.11	0.31	52.09	33.82	13.37	7.49	4.37	13.11		21260	7.95	32.16	8.41	6.04	14.04	7.95	4.51	1.37
18590	13.1	0.27	57.92	33.23	13.58	8.38	4.51	13.1		21261	7.63	29.51	8.29	5.61	14.04	7.63	3.59	1.28
18591	15.37	0.66	40.61	21.05	16.43	9.59	15.37	4.46		21262	8.51	27.78	23.86	5.61	30.79	8.51	2.46	3.56
18592	13.94	1.01	34.82	13.94	20.55	7.36	18.15	2.98		21263	13.45	28.51	28.85	5.61	30.79	13.45	2.81	4.17
18593	15.06	1.01	38.76	15.06	24.37	9.71	19.94	3		21264	13.07	13.07	29.63	8.36	30.79	21.44	2.75	7.74
18594	13.48	9.09	38.55	13.48	28.5	9.44	19.1	3.1		21265	17.2	12.65	24.91	9.46	63.8	17.2	3.51	17.8
18595	15.93	9.65	41.4	15.93	28.5	10.42	37.12	3.22		21266	14.57	12.22	24.83	12.83	61.92	14.57	3.71	17.8
18596	9.98	1.39	6.9	9.98	43.74	46.4	10.13	9.8		21267	17.8	12.72	27.93	15.87	65.52	15.22	20.1	17.8
18597	8.14	1.39	8.14	3.04	13.48	43.69	9.15	3.43		21268	9.59	9.59	31.4	6.54	75.22	24.41	6.12	0.3
18598	4.71	1.39	11.7	2.95	13.48	40.29	4.71	3.4		21269	3.93	8.98	14.22	2.97	4.5	1.68	3.93	0.3
18599	3.47	1.39	16.73	3.42	13.48	41.46	3.47	3.46		21270	2.99	7.33	16.67	2.99	4.13	0.81	2.46	0.3
18600	3.82	1.39	25.13	1.38	13.48	44.39	3.82	3.81		21271	2.9	2.92	17.75	2.9	3.81	0.44	2.05	0.3
18601	4.22	1.39	36.19	0.43	13.48	42.34	4.22	2.74		21272	2.19	1.74	16.52	2.77	3.47	0.36	2.19	0.3
18602	3.93	1.39	19.99	0.32	13.48	23.28	1.64	3.93		21273	5.61	2.61	20.81	5.61	5.84	0.6	8.16	0.71
18603	9.38	9.38	19.04	0.32	13.48	14.77	0.79	3.74		21274	7.61	3.72	27.31	9.63	9.4	2.08	7.61	0.76

Table 3

18604	6.58	6.58	12.7	0.32	34.88	15.3	0.86	4.16		21275	14.78	6.71	41.32	24.71	14.78	20.94	8.38	11.8
18605	3.52	0.96	3.52	0.35	34.09	10.23	0.83	4.17		21276	4.85	1.14	1.75	20.79	4.85	1.88	39.71	5.42
18606	3.61	0.92	3.61	0.55	26.05	8.52	0.78	7.83		21277	4.88	1.14	1.87	21.23	4.88	0.62	36.36	5.42
18607	2.27	0.85	1.04	3.8	22.7	7.78	0.72	2.27		21278	5.08	1.14	1.92	30.72	5.08	0.63	32.73	5.42
18608	2.15	0.8	0.94	8.46	21.32	8.25	0.84	2.15		21279	5.38	1.14	2.07	34.08	5.38	0.7	26.45	5.42
18609	5.79	1.14	0.91	9.92	20.73	9.56	1.93	5.79		21280	5.42	1.14	2.84	30.52	7.59	1.81	37.02	5.42
18610	5.79	2.21	0.96	9.92	24.66	14.49	1.32	5.79		21281	10.02	1.2	6.18	12.43	10.02	4.57	37.02	10.08
18611	5.79	2.4	1.41	8.99	28.91	25.39	1.07	5.79		21282	12.39	1.22	6.27	12.55	12.39	34.74	37.02	10.14
18612	12.89	15.15	3.45	12.89	34.18	45.91	1.08	6.41		21283	15.79	15.79	13.07	13.25	50.6	43.6	15.31	29.2
18613	6.46	4.77	3.51	14.5	28.88	73.48	0.67	6.46		21284	15.31	12.1	13.26	14.14	51.13	48.76	15.31	36.94
18614	12.34	4.77	21.76	12.34	28.88	67.54	0.44	1.82		21285	17.83	9.93	17.83	17.74	52.72	52.16	15.31	30.16
18615	7.37	4.93	21.53	7.37	28.88	45.14	0.64	1.58		21286	17.7	9.94	17.7	16.16	52.72	59.11	4.8	29.19
18616	6.56	4.77	24.45	6.56	28.88	36.62	0.68	1.58		21287	14.98	2.96	8.36	27.49	52.72	20.81	2.88	14.98
18617	6.52	6.52	27	5.44	28.88	33.59	0.93	1.57		21288	15.78	3.15	13.99	28.28	61.82	20.49	6.45	15.78
18618	6.45	6.45	30.02	5.54	28.88	36.1	0.67	1.66		21289	18.13	0.59	23.49	32.53	5.77	18.13	12.35	21.62
18619	10.26	10.26	32.66	6.78	28.88	40.89	0.58	3.97		21290	16.24	16.24	6.01	6.3	55.32	20.54	43	4.4
18620	13.64	11.01	37.35	13.64	61.26	52.28	1.35	5.02		21291	10.25	10.25	16.77	8.03	69.32	10.93	0.93	6.18
18621	19.4	42.56	16.63	19.4	11.11	32.44	13.09	27.98		21292	8.18	10.25	20.12	8.18	24.62	6.92	1.33	6.18
18622	16.9	13.22	16.9	19.63	11.11	25.3	13.09	28.3		21293	7.53	10.25	17.97	7.53	24.62	3.66	1.37	6.18
18623	18.15	12.58	15.97	18.66	20.6	18.15	9.48	27.4		21294	7.65	10.25	22.65	7.65	24.62	4.5	1.56	6.18
18624	10.67	9.9	9.78	12.06	11.11	10.67	3.69	12.73		21295	9.11	14.64	26.39	9.11	24.62	7.09	2.76	6.18
18625	9.4	9.4	9.04	12.04	11.11	7.62	2.26	12.48		21296	19.96	20.86	29.11	19.96	24.62	13.67	3.94	9.08
18626	10.03	10.03	9.43	17.56	11.11	8.45	1.7	13.88		21297	9.18	6.45	34.48	17.42	6.29	33.9	6.67	9.18
18627	13.56	8.34	19.31	17.52	7.29	13.89	1.98	13.56		21298	13.8	3.38	79.71	13.8	5.58	33.03	6.67	28.38
18628	18.64	5.8	18.94	18.64	6.78	19.36	2.61	21.62		21299	13.98	1.69	83.3	13.98	5.2	28.44	8.14	29.27
18629	18.64	3.99	26.02	18.64	7.07	23	5.24	23.59		21300	12.89	0.67	47.67	12.89	4.58	23.29	8.81	27.73
18630	18.64	2.96	34.77	18.64	7.74	30.3	6.81	21.62		21301	8.57	1.16	39.61	8.57	7.61	22.73	21.06	6.6
18631	17.8	5.58	46.41	18.55	12.2	33.1	11.79	17.8		21302	13.11	1.67	37.53	8.57	13.11	21.21	23.92	6.6

Table 3

18632	14.16	9.62	65.56	14.16	19.3	31.86	4.99	2.08		21303	11.63	5.24	9.3	54.82	11.63	18.46	4.02	26.79
18633	10.94	2.36	69.3	10.94	23.38	30.85	2.27	1.99		21304	11.01	5.24	9.66	52.56	11.01	15.14	6.13	17.33
18634	10.52	8.73	63.51	10.52	23.38	30.21	0.77	1.98		21305	17.76	5.24	11.1	58.36	18.25	17.94	15.43	17.76
18635	7.49	7.49	30.13	7.3	23.38	26.16	0.41	1.92		21306	17.54	8.19	12.52	55.74	28.08	24.63	17.54	11.66
18636	8.58	8.58	32.87	7.98	23.38	27.28	0.22	1.99		21307	15.91	5.48	49.57	15.84	2.77	38.77	50.34	15.91
18637	11.94	11.94	34.97	8.01	23.38	30.15	0.15	5.55		21308	16.87	9.75	31.94	10.83	4.6	41.71	54.58	16.87
18638	14.78	12.91	38.51	14.78	23.38	40.78	0.13	5.75		21309	16.46	13.62	34.66	10.5	7.36	50.21	54.19	16.46
18639	18.54	8.34	45.63	14.53	18.54	72	39.03	15.26		21310	12.88	25.58	4.83	8.76	8.91	38.51	44.7	12.88
18640	18.54	8.34	45.63	17.78	18.54	73.93	39.03	17.72		21311	12.81	18.08	6.31	9.34	8.91	32.17	44.7	12.81
18641	18.54	7.21	45.63	11.15	18.54	62.26	33.01	16.51		21312	15.11	18.08	9.37	13.25	8.91	34.2	44.7	15.11
18642	13.35	13.35	2.84	8.57	18.54	21.12	33.34	1.25		21313	17.21	18.08	12.91	17.21	8.91	31.35	44.37	15.14
18643	8.07	7.21	2.84	8.57	32.64	8.07	29.65	1.05		21314	18.08	18.08	17.73	34.79	8.91	27.66	41.83	3.95
18644	7.21	7.21	2.84	7.41	32.64	6.65	38.22	1.05		21315	18.91	9.4	18.91	40.94	8.91	33.13	41.03	3.19
18645	7.21	7.21	2.84	7.41	32.64	4.12	42.05	1.05		21316	14.06	14.06	46.48	8.01	13.64	56.01	31.53	11.71
										21317	19.82	8.72	19.82	33.21	4.16	32.05	77.52	9.31

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Claims

What is claimed is:

1. A method for assessing whether a subject is at risk of developing an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) comprising

(a)

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with an epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the subject as at risk of developing PD, LBD or AD if in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the subject as not at risk of developing the α-synucleinopathy, PD, LBD or AD if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide, or

(b)

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into 2 or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope;

iii) determining whether each pool has increased activation after contact with the epitope peptide; and

iv) identifying the subject as at risk of developing the α-synucleinopathy, PD, LBD, or AD if and only if in step iii) 1 or more pools is determined to have increased activation after contact with the epitope peptide,

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

2. The method of claim 1, for assessing whether a subject is at risk of developing AD.

3. The method of claim 1 or 2, wherein in step ii) the leukocytes are separated into 2, 3, 4, 5, 6, 7, 8, 9, 10, 11-50 or more pools, and in step iv) the subject is identified as at risk of developing the α-synucleinopathy, PD, LBD or AD if and only if in step iii) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11-50 or more pools is determined to have increased activation after contact with the epitope peptide.

4. The method of any one of claims 1-3, wherein the subject
   a) is at least about 35, 40, 45, 50, 55, 60, 65, 70, 75 or 80 years of age;
   b) is less than about 35, 40, 45, 50, 55, 60, 65, 70, 75 or 80 years of age;
   c) has a symptom that has preceded the diagnosis of the α-synucleinopathy, PD, LBD or AD;
   d) has a symptom that has preceded the diagnosis of the α-synucleinopathy, PD, LBD or AD, wherein the symptom has preceded the diagnosis of the α-synucleinopathy, PD, LBD or AD in the subjects by at least about 5, 10, 15, 20, 25, 30 or 5-30 years;
   e) is afflicted with cognitive decline, constipation or orthostatic hypotension; and/or
   f) is afflicted with cognitive decline, and the cognitive decline is reduced spatial reasoning ability and/or reduced memory ability.

5. The method of any one of claims 1-4, further comprising directing the subject to
   (a) be monitored more frequently for the α-synucleinopathy, PD, LBD, or AD; or
   (b) receive additional diagnostic testing for the α-synucleinopathy, PD, LBD, or AD,
   if the subject is identified as at risk of developing the α-synucleinopathy, PD, LBD, or AD.

6. A method for diagnosing or confirming whether a subject is afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) comprising

(a)

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with an epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the subject as afflicted with PD if in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the subject as not afflicted with the α-synucleinopathy, PD, LBD, or AD if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide, or

(b)

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into 1 or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope;

iii) determining whether each pool has increased activation after contact with the epitope peptide; and

iv) identifying the subject as afflicted with the α-synucleinopathy, PD, LBD, or AD if and only if in step iii) 1 or more pools is determined to have increased activation after contact with the epitope peptide,

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

7. The method of claim 6, for diagnosing or confirming whether a subject is afflicted with AD.

8. The method of claim 6 or 7, wherein in step ii) the leukocytes are separated into 2, 3, 4, 5, 6, 7, 8, 9, 10, 11-50 or more pools, and in step iv) the subject is identified as afflicted

with the α-synucleinopathy, PD, LBD or AD if and only if in step iii) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11-50 or more pools is determined to have increased activation after contact with the epitope peptide.

9. The method of any one of claims 1-8, further comprising determining the presence of at least one human leukocyte antigen (HLA) allele, one T cell receptor (TCR) allele, or one *MAPT* allele in the subject.

10. The method of claim 9, wherein the subject is identified as at risk of developing the α-synucleinopathy, PD, LBD, or AD or identified as afflicted with the α-synucleinopathy, PD, LBD, or AD if

(a) the leukocytes are determined to have increased activation after contact with the epitope peptide, or 1 or more pools is determined to have increased activation after contact with the epitope peptide, and

(b) the subject has at least one HLA allele.

11. A method for assessing whether an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) has progressed in a subject afflicted with the α-synucleinopathy, PD, LBD, or AD comprising

(a)

performing each of the following steps i) to iii):

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with an epitope peptide that was previously identified to increase activation of the leukocytes; and

iii) determining the level of activation of the leukocytes after contact with the epitope peptide,

at a first and a second point in time, and then

iv) concluding that the α-synucleinopathy, PD, LBD, or AD has progressed in the subject if the leukocytes are determined to be more activated in step iii) performed at the second point in time compared to the level of

activation in step iii) performed at the first point in time, or

(b)

performing each of the following steps i) to iii):

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into two or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope;

iii) determining whether each pool has increased activation after contact with the epitope peptide;

at a first and a second point in time, and then

iv) concluding that the α-synucleinopathy, PD, LBD, or AD has progressed in the subject if more pools of leukocytes are determined to be activated in step iii) performed at the second point in time compared to the number of pools that are determined to be activated in step iii) performed at the first point in time;

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317, preferably wherein the method is

for assessing whether AD has progressed in a subject afflicted with AD.

12. A method for treating a subject afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), comprising

(a) administering to the subject a compound that is approved for use in treating subjects afflicted with the α-synucleinopathy, PD, LBD, or AD, wherein the subject has been diagnosed or confirmed to be afflicted with PD according to the method of any one of claims 6-10; or

(b) diagnosing or confirming the subject to be afflicted with the α-synucleinopathy, PD, LBD, or AD according to the

method of any one of claims 6-10, and administering to the subject a compound that is approved for use in treating subjects afflicted with PD, LBD, or AD.

13. The method of claim 13, wherein the method is for treating a subject afflicted with AD and compound is

a) a hholinesterase inhibitor, preferably donepezil, rivastigmine, galantamine, or tacrine;
b) a N-methyl-d-aspartate receptor antagonist, preferably memantine;
c) high-dose vitamin E;
d) selegiline, NSAIDs, Ginkgo biloba extracts, or statins;
e) a compound which blocks receptors of chemokines;
f) a immunosuppressive compound;
g) a glucocorticoid, preferably prednisone or prednisolone;
h) a calcineurin inhibitor, preferably cyclosporine or tacrolimus;
i) an inhibitor of mTOR, preferably rapamaycin;
j) an anti-metabolic drug, preferably azathioprine, micophenolate or mofetil;
k) an antibody for a LFA-3Ig1 fusion protein; and/or
l) a phosphodiesterase-5 inhibitor, preferably sildenafil or paclitaxel.

14. A method for assessing whether an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) is developing in a subject who has been identified as being at risk of developing the α-synucleinopathy, PD, LBD, or AD comprising

(a)

performing each of the following steps i) to iii):

i) obtaining leukocytes from the subject;
ii) contacting the leukocytes with an epitope peptide that was previously identified to increase activation of the leukocytes; and
iii) determining the level of activation of the leukocytes after contact with the epitope peptide,

at a first and a second point in time, and then

iv) concluding that the α-synucleinopathy, PD, LBD, or AD is developing in the subject if the leukocytes are determined to be more activated in step iii) performed at the second point in time compared to the level of activation in step iii) performed at the first point in time,

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317, or

(b)

performing each of the following steps i) to iii):

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into two or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope peptide;

iii) determining whether each pool has increased activation after contact with the epitope peptide;

at a first and a second point in time, and then

iv) concluding that that PD, LBD, or AD is developing in the subject if more pools of leukocytes are determined to be activated in step iii) performed at the second point in time compared to the number of pools that are determined to be activated in step iii) performed at the first point in time;

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

15. The method of claim 14, for assessing whether AD is developing in a subject who has been identified as being at risk of developing AD.

16. A method for assessing whether a subject afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) is likely to benefit from a therapy, wherein the therapy is directed to leukocytes that are activated by an epitope peptide, the method comprising

(a)

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with the epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the subject as likely to benefit from the therapy if in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the subject as unlikely to benefit from the therapy if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide, or

(b)

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with the epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the subject as having benefited from the therapy if in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the subject as not having benefitted from the therapy if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide;

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

17. The method of claim 16, for assessing whether a subject afflicted with AD is likely to benefit from a therapy.

18. A method for treating a subject afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) comprising administering to the subject a therapy that is directed to leukocytes that are activated by an epitope peptide, wherein leukocytes of the subject have been determined to have increased activation after contact with the epitope peptide;
wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

19. The method of claim 18, wherein the therapy is tolerization therapy, and the tolerization therapy is specific for leukocytes that are activated by the epitope.

20. The method of claim 19, wherein administering the tolerization therapy comprises administering to the subject the epitope peptide in an amount that is effective to reduce activation of leukocytes in the subject by the epitope peptide.

21. The method of claim 18, wherein the therapy comprises selectively killing the leukocytes that are activated by the epitope peptide in the subject.

22. The method of claim 21, wherein selectively killing the leukocytes that are activated by the epitope peptide in the subject comprises administering to the subject an effective amount of a compound comprising a major histocompatibility complex (MHC) Tetramer and a toxin to the subject, wherein the MHC Tetramer comprises the epitope peptide.

23. A method for treating a subject afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), comprising administering an immunosuppressant therapy to the subject, wherein the subject has been identified as being likely to benefit from a therapy

directed to leukocytes that are activated by an epitope peptide according to the method of claim 16.

24. The method of claim 23, wherein the immunosuppressant therapy comprises tolerization therapy, selectively killing the leukocytes that are activated by an epitope peptide in the subject, or administering an effective amount of an immunosuppressive compound to the subject.

25. The method of claim 24, wherein the immunosuppressive compound is a calcineurin inhibitor, a compound that blocks a chemokine receptor that is expressed by a leukocyte, a glucocorticoid, a mTOR inhibitor, an anti-metabolic compound, a phosphodiesterase-5 inhibitor, an antibody, or a leukocyte function antigen-3 (LFA-3)/Fc fusion protein.

26. A method for assessing whether leukocytes of a subject afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD) are activated by an epitope peptide, comprising

i) obtaining leukocytes from the subject;

ii) contacting the leukocytes with the epitope peptide;

iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and

iv) identifying the leukocytes of the subject as activated by the epitope peptide if in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the leukocytes of the subject as not activated by the epitope peptide if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide,

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

27. The method of claim 26, for assessing whether leukocytes of a subject afflicted with AD are activated by the epitope peptide.

28. The method of any one of claims 1-27, wherein in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide,
    a) if the leukocytes express or release more of at least one cytokine compared to corresponding leukocytes not contacted with the epitope peptide;
    b) if the leukocytes release at least one cytokine;
    c) if the leukocytes release at least one cytokine, wherein in step iii) the leukocytes are determined to have released the at least one cytokine if there are over 20 spot-forming cells (SFC) per million cells as measured by an ELISpot assay comprising the colorimetric detection of the at least one cytokine.

29. The method of any one of claims 1-28, wherein
    a) the leukocytes are T cells;
    b) the at least one cytokine is at least interferon-gamma (IFN-γ) or IL-5;
    c) the at least one cytokine is at least TNFα, IL-4, IL-17, IL-10, or IL-21;
    d) the at least one cytokine is two or more cytokines, wherein the two or more cytokines are at least IFN-γ and IL-5;
    e) the leukocytes are T cells are CD4+ T cells, CD8+ T cells, and/or CD4+CD8+ T cells; and/or
    f) the leukocytes are IL-4-producing CD4+ T cells, IFN-γ-producing CD4+ T cells, or IFN-γ-producing CD8+ T cells.

30. The method of claim 28 or 29, wherein in step iii) the level of the at least one cytokine that is expressed or released from the leukocytes is assayed through a process comprising an enzyme-linked immunosorbent assay (ELISA), intracellular cytokine staining (ICS), or quantitative RT-PCR.

31. The method of any one of claims 1-30, wherein determining whether the leukocytes have increased activation comprises
    (a) contacting the leukocytes with a compound comprising a major histocompatibility complex (MHC) Tetramer having four MHC molecules, wherein each MHC molecule is associated with an epitope peptide;
    (b) identifying leukocytes that become bound to the compound as activated.

32. A method for assessing whether a test compound comprises an epitope peptide to which leukocytes of a subject suffering from a neurological disorder are responsive comprising
    i) obtaining leukocytes from the subject;
    ii) contacting the leukocytes with the test compound;
    iii) determining whether the leukocytes has increased activation after contact with the test compound; and
    iv) identifying the test compound as comprising an epitope peptide to which the leukocytes are responsive if in step iii) the leukocytes are determined to have increased activation after contact with the test compound, and identifying the test compound as not comprising an epitope to which the leukocytes are responsive if in step iii) the leukocytes are determined to not have increased activation after contact with the test compound,

    wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

33. The method of claim 32, wherein the test compound is or comprises part of a compound that is produced by neurons in subjects afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD).

34. The method of any one of claims 1-33, wherein the epitope peptide is an epitope of the alpa-synuclen protein, the tau

protein, or the TDP42 protien, preferably wherein the epitope peptide consists of an amino acid sequence identical to the sequence set forth in (a) any one of SEQ ID NO: 1 to SEQ ID NO: 2, (b) any one of SEQ ID NO: 2,958 to SEQ ID NO: 3,144, or (c) any one of SEQ ID NO: 4,078 to SEQ ID NO: 4,153.

35. A kit comprising an epitope peptide as in any one of claims 1-34.

36. A compound for treating an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), comprising i) a major histocompatibility complex (MHC) Tetramer having four MHC molecules, wherein each MHC molecule is associated with an epitope peptide, and ii) a toxin,
wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

37. In a process for assessing whether a subject is at risk of developing an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), which involves an array of testing, the improvement comprising including in the array of testing the steps of:
(a)
i) obtaining leukocytes from the subject;
ii) contacting the leukocytes with an epitope peptide;
iii) determining whether the leukocytes have increased activation after contact with the epitope peptide; and
iv) identifying the subject as at risk of developing PD, LBD or AD if in step iii) the leukocytes are determined to have increased activation after contact with the epitope peptide, and identifying the subject as not at risk of developing the α-synucleinopathy, PD, LBD or AD if in step iii) the leukocytes are determined to not have increased activation after contact with the epitope peptide,

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317, or

(b)

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into 2 or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope;

iii) determining whether each pool has increased activation after contact with the epitope peptide; and

iv) identifying the subject as at risk of developing the α-synucleinopathy, PD, LBD, or AD if in step iii) 1 or more pools is determined to have increased activation after contact with the epitope peptide,

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

38. In a process for diagnosing or confirming whether a subject is afflicted with an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), which involves an array of testing, the improvement comprising including in the array of testing the steps of:

(a)

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into 1 or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope peptide;

iii) determining whether each pool has increased activation after contact with the epitope peptide; and

iv) identifying the subject as afflicted with the α-synucleinopathy, PD, LBD, or AD if and only if in step iii) 1 or more pools is determined to have increased activation after contact with an epitope peptide, or

(b)

i) obtaining leukocytes from the subject;

ii) separating the leukocytes into 1 or more pools of leukocytes and contacting each pool with an epitope peptide, wherein each pool is contacted with a different epitope peptide;

iii) determining whether each pool has increased activation after contact with the epitope peptide; and

iv) identifying the subject as afflicted with the α-synucleinopathy, PD, LBD, or AD if and only if in step iii) 1 or more pools is determined to have increased activation after contact with an epitope peptide,

wherein the epitope peptide is an oligopeptide which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317.

39. A pharmaceutical composition for treating an α-synucleinopathy, Parkinson's disease (PD), Lewy Body dementia (LBD), or Alzheimer's disease (AD), comprising i) a protein which consists of an amino acid sequence identical to the sequence set forth in any one of SEQ ID NO: 1 to SEQ ID NO: 21,317, and ii) a pharmaceutical acceptable carrier.