【公報種別】特許法第１７条の２の規定による補正の掲載
【部門区分】第１部門第１区分
【発行日】平成17年12月22日(2005.12.22)

【公表番号】特表2004-522415(P2004-522415A)
【公表日】平成16年7月29日(2004.7.29)
【年通号数】公開・登録公報2004-029
【出願番号】特願2002-524518(P2002-524518)
【国際特許分類第７版】
　Ｃ１２Ｎ　15/09
　Ａ６１Ｋ　 9/127
　Ａ６１Ｋ　38/00
　Ａ６１Ｋ　39/00
　Ａ６１Ｋ　45/00
　Ａ６１Ｐ　31/12
　Ａ６１Ｐ　35/00
　Ｃ０７Ｋ　 7/06
【ＦＩ】
　Ｃ１２Ｎ　15/00　　ＺＮＡＡ
　Ａ６１Ｋ　 9/127
　Ａ６１Ｋ　39/00　　Ｚ
　Ａ６１Ｋ　45/00
　Ａ６１Ｐ　31/12
　Ａ６１Ｐ　35/00
　Ｃ０７Ｋ　 7/06
　Ａ６１Ｋ　37/02

【手続補正書】
【提出日】平成16年7月23日(2004.7.23)
【手続補正１】
【補正対象書類名】明細書
【補正対象項目名】００９１
【補正方法】変更
【補正の内容】
【００９１】
【表７】

ペプチド	AA	配列	抗原タンパク質または分子		第1の位置	B*0702
1292.01	9	SPRTLNAWI	HIV	GAG	180	0.4200
1292.02	9	KPCVKLTPI	HIV	ENV	130	0.1100
1292.03	9	SPAIFQSSI	HIV	POL	335	0.3100
1292.07	10	LPQGWKGSPI	HIV	POL	328	0.0740
1292.13	9	HPVHAGPIA	HIV	GAG	248	0.1100
1292.14	9	HPVHAGPII	HIV	GAG	248	0.4100
1292.17	9	PPVVHGCPL	HIV	NS5	2317	0.0140
1292.19	10	KPTLHGPTPI	HIV	NS3	1614	0.2600
1292.20	10	APTLWARMII	HIV	NS5	2835	0.3900
1292.22	10	LPRRGPRLGI	HIV	Core	37	0.6700
1292.23	9	SPGQRVEFI	HIV	NS5	2615	0.0140
1292.24	9	LPGCSFSII	HIV	Core	169	0.1500
1292.26	10	SPGALVVGVI	HIV	NS4	1887	0.0220
1292.27	10	TPLLYRLGAI	HIV	NS3	1621	0.0220
27.0136	9	APAAPTPAA	p53		76	0.3000
27.0262	10	APAPAAPTPA	p53		74	0.0190
27.0264	10	APSWPLSSSV	p53		88	0.0230
28.0418	9	FPWDILFPA	HDV		194	0.0200
34.0074	8	IPWQRLLL	CEA		13	0.1100
34.0075	8	RPGVNLSL	CEA		428	0.0720
34.0081	8	SPGGLREL	HER2/neu		133	0.0550
34.0084	8	WPDSLPDL	HER2/neu		415	0.0200
34.0085	8	IPVAIKVL	HER2/neu		748	0.0120
34.0086	8	SPYVSRLL	HER2/neu		779	0.0440
34.0087	8	VPIKWMAL	HER2/neu		884	1.4000
34.0089	8	SPKANKEI	HER2/neu		760	0.0580
34.0095	8	RPRFRELV	HER2/neu		966	0.0410
34.0099	8	SPGKNGVV	HER2/neu		1174	0.0230
34.0110	8	VPISHLYI	MAGE2		170	0.0170
34.0111	8	MPKTGLLI	MAGE2		196	0.0190

34.0117	8	MPKAGLLI	MAGE3	196	0.1300	
34.0121	8	APAPSWPL	p53	86	0.0540	
34.0178	9	GPLPAARPI	HER2/neu		1155	0.0550
34.0180	9	LPTNASLSI	HER2/neu		65	0.0110
34.0181	9	SPAFDNLYI	HER2/neu		1214	0.0190
34.0182	9	SPKANKEII	HER2/neu		760	0.0150
34.0183	9	SPLTSIISI	HER2/neu		649	0.0640
34.0184	9	SPREGPLPI	HER2/neu		1151	0.1200
34.0187	9	GPHISYPPI	MAGE3	296	0.0220	
34.0190	9	RPILTIITI	p53	249	0.0460	
34.0192	9	SPQPKKKPI	p53	315	0.0480	
34.0260	10	GPASPLDSTF	HER2/neu		995	0.0110
34.0265	10	SPREGPLPAI	HER2/neu		1151	0.0660
34.0268	10	VPISHLYILI	MAGE2	170	0.0150	
34.0271	10	MPKAGLLIII	MAGE3	196	0.0170	
34.0273	10	APAPAPSWPI	p53	84	0.1300	
34.0361	11	SPLDSTFYRSL	HER2/neu		998	0.0640
34.0362	11	LPAARPAGATL	HER2/neu		1157	0.0140
34.0365	11	KPYDGIPAREI	HER2/neu		921	0.0430
34.0368	11	SPLTSIISAVV	HER2/neu		649	0.0250
34.0374	11	CPSGVKPDLSY	HER2/neu		600	0.0300
34.0382	11	GPRALIETSYV	MAGE2	274	0.1300	
34.0387	11	MPKAGLLIIVL	MAGE3	196	0.0280	
34.0389	11	GPRALVETSYV	MAGE3	274	0.1900	
34.0390	11	APRMPEAAPPV	p53	63	0.4500	
34.0397	11	SPALNKMFBQI	p53	127	0.1800	

【配列表】

SEQUENCE LISTING

<110> Epimmune Inc.

<120> HLA Binding Peptides and Their Uses

<130> SK-A0307

<140> JP 2002-524518
<141> 2000-09-01

<160> 127

<170> FastSEQ for Windows Version 3.0

<210> 1
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV1 REV73

<400> 1
Val Pro Leu Gln Leu Pro Pro Leu
1 5

<210> 2
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> HCV 2869

<400> 2
Ala Pro Thr Leu Trp Ala Arg Met
1 5

<210> 3
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> HCV 1378

<400> 3
Ile Pro Phe Tyr Gly Lys Ala Ile
1 5

<210> 4
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> HCV 137

<400> 4
Ile Pro Leu Val Gly Ala Pro Leu
1 5

<210> 5
<211> 8

<212> PRT
<213> Artificial Sequence

<220>
<223> HCV 2608

<400> 5
Lys Pro Ala Arg Leu Ile Val Phe
1 5

<210> 6
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> HCV 169

<400> 6
Leu Pro Gly Cys Ser Phe Ser Ile
1 5

<210> 7
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> HCV 37

<400> 7
Leu Pro Arg Arg Gly Pro Arg Leu
1 5

<210> 8
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> HCV 1720

<400> 8
Leu Pro Tyr Ile Glu Gln Gly Met
1 5

<210> 9
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV1 ENV 285

<400> 9
Cys Pro Lys Val Ser Phe Glu Pro Ile
 1   5

<210> 10
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV1 ENV 293

<400> 10
Ile Pro Ile His Tyr Cys Ala Pro Ala
 1   5

<210> 11
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV1 GAG 248

<400> 11
His Pro Val His Ala Gly Pro Ile Ala
 1   5

<210> 12
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV1 VIF 48

<400> 12
His Pro Arg Ile Ser Ser Glu Val His Ile
 1   5   10

<210> 13
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<223> HCV

<400> 13
Leu Pro Ile Asn Ala Leu Ser Asn Ser Leu
 1   5   10

<210> 14
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV1 POL 883

<400> 14
Ile Pro Tyr Asn Pro Gln Ser Gln Gly Val Val
 1   5   10

<210> 15
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> HCV 2869

<400> 15
Ala Pro Thr Leu Trp Ala Arg Met Ile Leu Met
 1   5   10

<210> 16
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Lassa np 179

<400> 16
Met Pro Ser Leu Thr Leu Ala Cys Leu
 1   5

<210> 17
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Lassa gp 11

<400> 17
Val Pro His Val Ile Glu Glu Met Met
1 5

<210> 18
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Lassa np 317

<400> 18
Trp Pro Tyr Ile Ala Ser Arg Thr Ser Ile
1 5 10

<210> 19
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 analog

<400> 19
Phe Pro Val Thr Pro Gln Val Pro Leu
1 5

<210> 20
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 analog

<400> 20
Phe Pro Val Arg Pro Gln Phe Pro Leu
1 5

<210> 21
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HBV ENV 313

<400> 21
Ile Pro Ile Pro Ser Ser Trp Ala Phe

1 5

<210> 22
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HBV ENV 313 analog

<400> 22
Phe Pro Ile Pro Ser Ser Trp Ala Phe
1 5

<210> 23
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HBV ENV 313 analog

<400> 23
Ile Pro Ile Thr Ser Ser Trp Ala Phe
1 5

<210> 24
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HBV ENV 313 analog

<400> 24
Ile Pro Ile Leu Ser Ser Trp Ala Phe
1 5

<210> 25
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HBV POL 541 analog

<400> 25
Phe Pro His Cys Leu Ala Phe Ser Leu
1 5

<210> 26
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HCV Core 168

<400> 26
Leu Pro Gly Cys Ser Phe Ser Ile Phe
 1   5

<210> 27
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HCV Core 168 analog

<400> 27
Phe Pro Gly Cys Ser Phe Ser Ile Phe
 1   5

<210> 28
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HCV Core 168 analog

<400> 28
Leu Pro Val Cys Ser Phe Ser Ile Phe
 1   5

<210> 29
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HCV Core 168 analog

<400> 29
Leu Pro Gly Cys Ser Phe Ser Tyr Phe
 1   5

<210> 30
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<223> MAGE2 170

<400> 30
Val Pro Ile Ser His Leu Tyr Ile Leu
 1   5

<210> 31
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> MAGE2 170 analog

<400> 31
Phe Pro Ile Ser His Leu Tyr Ile Leu
 1   5

<210> 32
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> MAGE2 170 analog

<400> 32
Val Pro Ile Ser His Leu Tyr Ala Leu
 1   5

<210> 33
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> MAGE3 196 analog

<400> 33
Met Pro Val Ala Gly Leu Leu Ile Ile
 1   5

<210> 34
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 analog

<400> 34
Phe Pro Val Arg Met Gln Val Pro Leu
 1   5

<210> 35
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HBV ENV 313 analog

<400> 35
Ile Pro Ile Pro Met Ser Trp Ala Phe
 1   5

<210> 36
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HBV POL 541 analog

<400> 36
Phe Pro His Cys Leu Ala Phe Ala Leu
 1   5

<210> 37
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HCV Core 168 analog

<400> 37
Leu Pro Gly Cys Met Phe Ser Ile Phe
 1   5

<210> 38
<211> 9
<212> PRT
<213> Artificial Sequence

<220>

<223> MAGE2 170 analog

<400> 38
Val Pro Ile Ser Met Leu Tyr Ile Leu
1 5

<210> 39
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92

<400> 39
Phe Pro Val Arg Pro Gln Val Pro Leu
1 5

<210> 40
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 (a)

<400> 40
Phe Pro Val Thr Met Phe Phe Ala Leu
1 5

<210> 41
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 (a)

<400> 41
Phe Pro Val Thr Met Phe Phe Ala Met
1 5

<210> 42
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 (a)

<400> 42
Phe Pro Val Arg Met Phe Phe Ala Phe
1 5

<210> 43
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 (a)

<400> 43
Phe Pro Val Arg Met Phe Phe Ala Leu
1 5

<210> 44
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 (a)

<400> 44
Phe Pro Val Thr Phe Phe Phe Ala Leu
1 5

<210> 45
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 (a)

<400> 45
Phe Pro Val Thr Met Gln Phe Ala Phe
1 5

<210> 46
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 (a)

<400> 46
Phe Pro Val Thr Met Gln Phe Ala Leu

1 5

<210> 47
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 (a)

<400> 47
Phe Pro Val Thr Met Phe Ser Ala Phe
1 5

<210> 48
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 (a)

<400> 48
Phe Pro Val Thr Met Phe Ser Ala Leu
1 5

<210> 49
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 (a)

<400> 49
Phe Pro Val Arg Pro Gln Val Pro Ala
1 5

<210> 50
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 (a)

<400> 50
Phe Pro Val Arg Pro Gln Val Pro Val
1 5

<210> 51
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 (a)

<400> 51
Phe Pro Val Arg Pro Gln Val Pro Ile
 1   5

<210> 52
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 (a)

<400> 52
Phe Pro Val Arg Pro Gln Val Pro Met
 1   5

<210> 53
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 (a)

<400> 53
Phe Pro Val Arg Pro Gln Val Pro Phe
 1   5

<210> 54
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 (a)

<400> 54
Phe Pro Val Arg Pro Gln Val Pro Trp
 1   5

<210> 55
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<223> HIV nef 84-92 (a)

<400> 55
Phe Pro Val Arg Pro Gln Val Pro His
 1   5

<210> 56
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HBV ENV.313

<400> 56
Ile Pro Ile Pro Ser Ser Trp Ala Phe
 1   5

<210> 57
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HBV POL.429

<400> 57
His Pro Ala Ala Met Pro His Leu Leu
 1   5

<210> 58
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> HBV POL.530

<400> 58
Phe Pro His Cys Leu Ala Phe Ser Tyr Met
 1   5   10

<210> 59
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HBV POL.640

<400> 59
Tyr Pro Ala Leu Met Pro Leu Tyr Ala
 1   5

<210> 60
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HBV X.58

<400> 60
Leu Pro Val Cys Ala Phe Ser Ser Ala
 1   5

<210> 61
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HCV CORE.169

<400> 61
Leu Pro Gly Cys Ser Phe Ser Ile Phe
 1   5

<210> 62
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV1 NEF.89

<400> 62
Phe Pro Val Arg Pro Gln Val Pro Leu
 1   5

<210> 63
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<223> HIV1 GAG.552

<400> 63
Tyr Pro Leu Ala Ser Leu Arg Ser Leu Phe
 1   5   10

<210> 64
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV1 REV.73

<400> 64
Val Pro Leu Gln Leu Pro Pro Leu
 1   5

<210> 65
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Plasmodium falciparum SSP2.539

<400> 65
Thr Pro Tyr Ala Gly Glu Pro Ala Pro Phe
 1   5   10

<210> 66
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> MAGE3.196

<400> 66
Met Pro Lys Ala Gly Leu Leu Ile Ile
 1   5

<210> 67
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> MAGE2.170

<400> 67
Val Pro Ile Ser His Leu Tyr Ile Leu
1 5

<210> 68
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> MAGE3.71

<400> 68
Leu Pro Thr Thr Met Asn Tyr Pro Leu
1 5

<210> 69
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Her2/neu.941

<400> 69
Leu Pro Gln Pro Pro Ile Cys Thr Ile
1 5

<210> 70
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Her2/neu.65

<400> 70
Leu Pro Thr Asn Ala Ser Leu Ser Phe
1 5

<210> 71
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Her2/neu.706

<400> 71
Met Pro Asn Gln Ala Gln Met Arg Ile

1 5

<210> 72
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV GAG 180, peptide 1292.01

<400> 72
Ser Pro Arg Thr Leu Asn Ala Trp Ile
1 5

<210> 73
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV ENV 130, peptide 1292.02

<400> 73
Lys Pro Cys Val Lys Leu Thr Pro Ile
1 5

<210> 74
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV POL 335, peptide 1292.03

<400> 74
Ser Pro Ala Ile Phe Gln Ser Ser Ile
1 5

<210> 75
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV POL 328, peptide 1292.07

<400> 75
Leu Pro Gln Gly Trp Lys Gly Ser Pro Ile
1 5 10

<210> 76
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV GAG 248, peptide 1292.13

<400> 76
His Pro Val His Ala Gly Pro Ile Ala
 1   5

<210> 77
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV GAG 248, peptide 1292.14

<400> 77
His Pro Val His Ala Gly Pro Ile Ile
 1   5

<210> 78
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV NS5 2317, peptide 1292.17

<400> 78
Pro Pro Val Val His Gly Cys Pro Leu
 1   5

<210> 79
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV NS3 1614, peptide 1292.19

<400> 79
Lys Pro Thr Leu His Gly Pro Thr Pro Ile
 1   5   10

<210> 80
<211> 10

<212> PRT
<213> Artificial Sequence

<220>
<223> HIV NS5 2835, peptide 1292.20

<400> 80
Ala Pro Thr Leu Trp Ala Arg Met Ile Ile
 1   5   10

<210> 81
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV Core 37, peptide 1292.22

<400> 81
Leu Pro Arg Arg Gly Pro Arg Leu Gly Ile
 1   5   10

<210> 82
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV NS5 2615, peptide 1292.23

<400> 82
Ser Pro Gly Gln Arg Val Glu Phe Ile
 1   5

<210> 83
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV Core 169, peptide 1292.24

<400> 83
Leu Pro Gly Cys Ser Phe Ser Ile Ile
 1   5

<210> 84
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV NS4 1887, peptide 1292.26

<400> 84
Ser Pro Gly Ala Leu Val Val Gly Val Ile
 1   5   10

<210> 85
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> HIV NS3 1621, peptide 1292.27

<400> 85
Thr Pro Leu Leu Tyr Arg Leu Gly Ala Ile
 1   5   10

<210> 86
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> p53 76, peptide 27.0136

<400> 86
Ala Pro Ala Ala Pro Thr Pro Ala Ala
 1   5

<210> 87
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> p53 74, peptide 27.0262

<400> 87
Ala Pro Ala Pro Ala Ala Pro Thr Pro Ala
 1   5   10

<210> 88
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<223> p53 88, peptide 27.0264

<400> 88
Ala Pro Ser Trp Pro Leu Ser Ser Ser Val
1 5 10

<210> 89
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HDV 194, peptide 28.0418

<400> 89
Phe Pro Trp Asp Ile Leu Phe Pro Ala
1 5

<210> 90
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> CEA 13, peptide 34.0074

<400> 90
Ile Pro Trp Gln Arg Leu Leu Leu
1 5

<210> 91
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> CEA 428, peptide 34.0075

<400> 91
Arg Pro Gly Val Asn Leu Ser Leu
1 5

<210> 92
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 133, peptide 34.0081

<400> 92
Ser Pro Gly Gly Leu Arg Glu Leu
1 5

<210> 93
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 415, peptide 34.0084

<400> 93
Trp Pro Asp Ser Leu Pro Asp Leu
1 5

<210> 94
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 748, peptide 34.0085

<400> 94
Ile Pro Val Ala Ile Lys Val Leu
1 5

<210> 95
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 779, peptide 34.0086

<400> 95
Ser Pro Tyr Val Ser Arg Leu Leu
1 5

<210> 96
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 884, peptide 34.0087

<400> 96
Val Pro Ile Lys Trp Met Ala Leu

1 5

<210> 97
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 760, peptide 34.0089

<400> 97
Ser Pro Lys Ala Asn Lys Glu Ile
1 5

<210> 98
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 966, peptide 34.0095

<400> 98
Arg Pro Arg Phe Arg Glu Leu Val
1 5

<210> 99
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 1174, peptide 34.0099

<400> 99
Ser Pro Gly Lys Asn Gly Val Val
1 5

<210> 100
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> MAGE2 170, peptide 34.0110

<400> 100
Val Pro Ile Ser His Leu Tyr Ile
1 5

<210> 101
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> MAGE2 196, peptide 34.0111

<400> 101
Met Pro Lys Thr Gly Leu Leu Ile
1 5

<210> 102
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> MAGE3 196, peptide 34.0117

<400> 102
Met Pro Lys Ala Gly Leu Leu Ile
1 5

<210> 103
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> p53 86, peptide 34.0121

<400> 103
Ala Pro Ala Pro Ser Trp Pro Leu
1 5

<210> 104
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 1155, peptide 34.0178

<400> 104
Gly Pro Leu Pro Ala Ala Arg Pro Ile
1 5

<210> 105
<211> 9

<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 65, peptide 34.0180

<400> 105
Leu Pro Thr Asn Ala Ser Leu Ser Ile
 1   5

<210> 106
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 1214, peptide 34.0181

<400> 106
Ser Pro Ala Phe Asp Asn Leu Tyr Ile
 1   5

<210> 107
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 760, peptide 34.0182

<400> 107
Ser Pro Lys Ala Asn Lys Glu Ile Ile
 1   5

<210> 108
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 649, peptide 34.0183

<400> 108
Ser Pro Leu Thr Ser Ile Ile Ser Ile
 1   5

<210> 109
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 1151, peptide 34.0184

<400> 109
Ser Pro Arg Glu Gly Pro Leu Pro Ile
 1   5

<210> 110
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> MAGE3 296, peptide 34.0187

<400> 110
Gly Pro His Ile Ser Tyr Pro Pro Ile
 1   5

<210> 111
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> p53 249, peptide 34.0190

<400> 111
Arg Pro Ile Leu Thr Ile Ile Thr Ile
 1   5

<210> 112
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> p53 315, peptide 34.0192

<400> 112
Ser Pro Gln Pro Lys Lys Lys Pro Ile
 1   5

<210> 113
<211> 10
<212> PRT
<213> Artificial Sequence

<220>

<223> HER2/neu 995, peptide 34.0260

<400> 113
Gly Pro Ala Ser Pro Leu Asp Ser Thr Phe
 1   5   10

<210> 114
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 1151, peptide 34.0265

<400> 114
Ser Pro Arg Glu Gly Pro Leu Pro Ala Ile
 1   5   10

<210> 115
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> MAGE2 170, peptide 34.0268

<400> 115
Val Pro Ile Ser His Leu Tyr Ile Leu Ile
 1   5   10

<210> 116
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> MAGE3 196, 34.0271

<400> 116
Met Pro Lys Ala Gly Leu Leu Ile Ile Ile
 1   5   10

<210> 117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> p53 84, peptide 34.0273

<400> 117
Ala Pro Ala Pro Ala Pro Ser Trp Pro Ile
 1   5   10

<210> 118
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 998, peptide 34.0361

<400> 118
Ser Pro Leu Asp Ser Thr Phe Tyr Arg Ser Leu
 1   5   10

<210> 119
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 1157, peptide 34.0362

<400> 119
Leu Pro Ala Ala Arg Pro Ala Gly Ala Thr Leu
 1   5   10

<210> 120
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 921, peptide 34.0365

<400> 120
Lys Pro Tyr Asp Gly Ile Pro Ala Arg Glu Ile
 1   5   10

<210> 121
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 649, peptide 34.0368

<400> 121
Ser Pro Leu Thr Ser Ile Ile Ser Ala Val Val

1 5 10

<210> 122
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> HER2/neu 6000, peptide 34.0374

<400> 122
Cys Pro Ser Gly Val Lys Pro Asp Leu Ser Tyr
1 5 10

<210> 123
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> MAGE2 274, peptide 34.0382

<400> 123
Gly Pro Arg Ala Leu Ile Glu Thr Ser Tyr Val
1 5 10

<210> 124
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> MAGE3 196, peptide 34.0387

<400> 124
Met Pro Lys Ala Gly Leu Leu Ile Ile Val Leu
1 5 10

<210> 125
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> MAGE3 274, peptide 34.0389

<400> 125
Gly Pro Arg Ala Leu Val Glu Thr Ser Tyr Val
1 5 10

<210> 126
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> p53 63, peptide 34.0390

<400> 126
Ala Pro Arg Met Pro Glu Ala Ala Pro Pro Val
 1   5   10

<210> 127
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> p53 127, peptide 34.0397

<400> 127
Ser Pro Ala Leu Asn Lys Met Phe Asx Gln Ile
 1   5   10