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S-187 51 Taby (SE).

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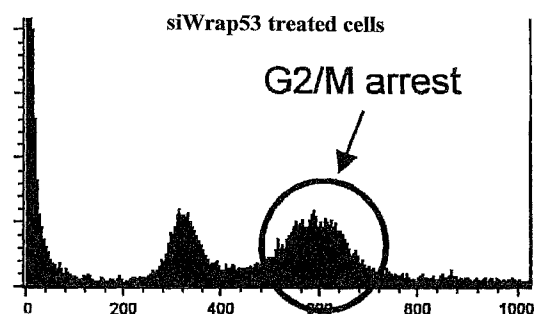
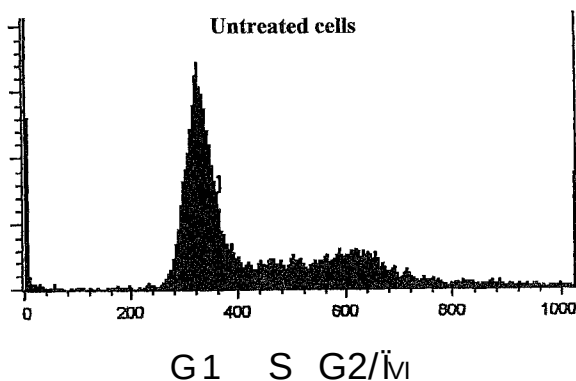
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anne** [SE/SE]; Vikingagatan 16, S-1 13 42 Stockholm (SE).(81) Designated States (unless otherwise indicated, for every
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CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG,
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European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: RNA INTERFERENCE AGAINST WRAP53 TO TREAT HYPERPROLIFERATIVE DISEASES

Fig.8.



H1299 cells (lung cancer), siWrap53 for 72 hours

(57) Abstract: A small nucleic acid molecule that down-regu-
lates expression of Wrap53 gene via RNA interference (RNAi),
wherein at least one strand of said small nucleic acid molecule
is about 15 to about 30 nucleotides in length; and wherein at
least one strand of said small nucleic acid molecule comprises
a nucleotide sequence having sufficient complementarity to an
RNA of said Wrap53 gene for the small nucleic acid molecule
to direct cleavage of said RNA via RNA interference, for use
as a medicament.



FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL,
PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*
- *with sequence listing part of description published separately in electronic form and available upon request from the International Bureau*

Declaration under Rule 4.17:

- *of inventorship (Rule 4.17(iv))*

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- *with international search report*

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9 October 2008

INTERNATIONAL SEARCH REPORT

International application No

PCT/SE2007/050692

A. CLASSIFICATION OF SUBJECT MATTER

INV. C12N15/11 A61K31/7105 A61P35/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C12N A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and where practical, search terms used)

EPO-Internal , Sequence Search, EMBASE, BIOSIS, WPI Data'

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	WO 2004/097020 A (SIRNA THERAPEUTICS INC [US]; MCSWIGGEN JAMES [US]; BEIGELMAN LEONID [U] 11 November 2004 (2004-11-11) pages 132,133 pages 151,193 -----	1-5, 7-14
P, X	FARNEBO M: "Examensarbete" INTERNET ARTICLE, [Online] 14 June 2007 (2007-06-14), pages 1-2, XP002489123 Retrieved from the Internet: URL :https://courses.ki.se/ex.arb.klas_wim an_s_group_ck_ki.pdf?node=141389> [retrieved on 2008-07-18] the whole document ----- -/-	1-14



Further documents are listed in the continuation of Box C



See patent family annex

" Special categories of cited documents

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

25 July 2008

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07/08/2008

Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No

PCT/SE2007/050692

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate of the relevant passages	Relevant to claim No
A	DATABASE UniProt [Online] 1 June 2001 (2001-06-01), "WD repeat-containing protein 79." XP002489124 retrieved from EBI accession no. UNIPROT:Q9BUR4 Database accession no. Q9BUR4 the whole document -----	1-14
A	VELÁZQUEZ-FERNÁNDEZ DAVID ET AL: "Differential RNA expression profile by cDNA microarray in sporadic primary hyperparathyroidism (pHPT): primary parathyroid hyperplasia versus adenoma." WORLD JOURNAL OF SURGERY MAY 2006, vol. 30, no. 5, May 2006 (2006-05), pages 705-713, XP002489844 ISSN: 0364-2313 cited in the application tables 2,3 -----	1-14
A	ZHANG YAN ET AL: "GEPIS - quantitative gene expression profiling in normal and cancer tissues" BIOINFORMATICS (OXFORD), vol. 20, no. 15, 12 October 2004 (2004-10-12), pages 2390-2398, XP002489845 ISSN: 1367-4803 cited in the application page 30 -----	1-14

INTERNATIONAL SEARCH REPORT

International application No
PCT/SE2007/050692

Box No II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons

- 1 ☒ Claims Nos
because they relate to subject matter not required to be searched by this Authority, namely
see FURTHER INFORMATION sheet PCT/ISA/210
- 2 **D** Claims Nos
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out specifically
- 3 ☐ Claims Nos
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6 4(a)

Box No III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application as follows

- 1 ☐ As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims
- 2 ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees
- 3 ☐ As only some of the required additional search fees were timely paid by the applicant this international search report covers only those claims for which fees were paid specifically claims Nos
- 4 ☐ No required additional search fees were timely paid by the applicant Consequently this international search report is restricted to the invention first mentioned in the claims, it is covered by claims Nos

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee
- ☐ The additional search fees were accompanied by the applicants protest but the applicable protest fee was not paid within the time limit specified in the invitation

D No protest accompanied the payment of additional search fees

FURTHER INFORMATION CONTINUED FROM POT/ISA/ 210

Continuation of Box II.1

Although claims 14 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

Continuation of Box II.1

Claims Nos. : -

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/SE2007/050692

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2004097020 A	11-11-2004	NONE	