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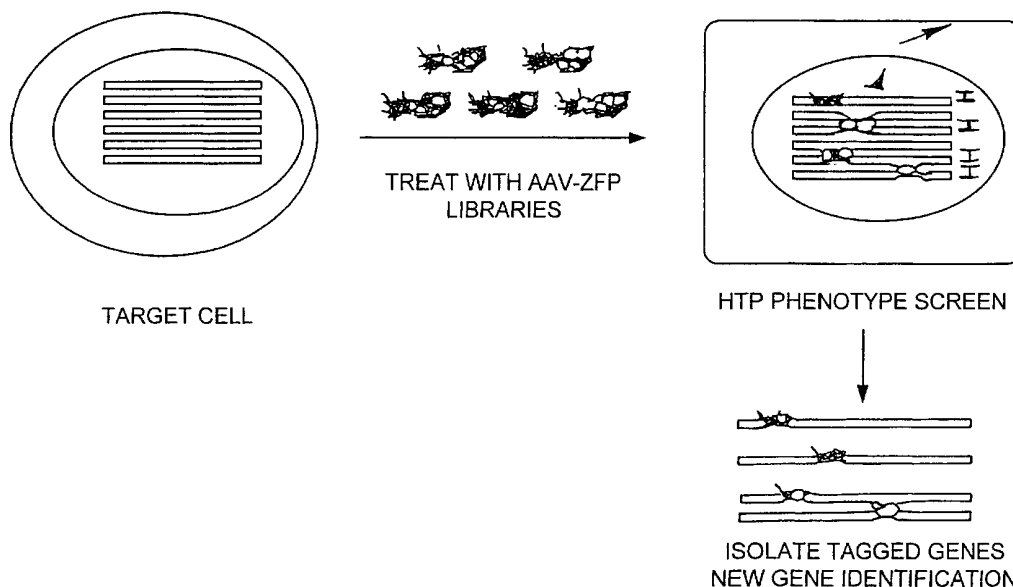
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- (74) Agent: PASTERNAK, Dahna, S.; Robins & Pasternak LLP, Suite 180, 90 Middlefield Road, Menlo Park, CA 94025 (US).
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- (71) Applicant (*for all designated States except US*): SANG-AMO BIOSCIENCES, INC. [US/US]; Point Richmond Tech. Center, 501 Canal Boulevard, Suite A100, Richmond, CA 94804 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): CASE, Casey, Christopher [US/US]; 605 Barroilhet Avenue, San Mateo, CA 94402 (US). LIU, Qiang [US/US]; 55 Williams Lane, Foster City, CA 94404 (US). REBAR, Edward, J. [US/US]; 1609 Roger Court, El Cerrito, CA 94530 (US).
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(54) Title: METHODS OF USING RANDOMIZED LIBRARIES OF ZINC FINGER PROTEINS FOR THE IDENTIFICATION OF GENE FUNCTION



(57) Abstract: The present invention relates to methods of using libraries of randomized zinc finger proteins to identify genes associated with selected phenotypes.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/50 C12Q1/68 C12N15/10

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)

IPC 7 C12N C12Q

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)

MEDLINE, BIOSIS, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>BEERLI ROGER R ET AL: "Toward controlling gene expression at will: Specific regulation of the erbB-2/HER-2 promoter by using polydactyl zinc finger proteins constructed from modular building blocks" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 95, no. 25, December 1998 (1998-12), pages 14628-14633, XP002187156 ISSN: 0027-8424 page 14629 page 14633</p> <p align="center">--- -/--</p>	1-29

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

van Klompenburg, W

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International Application No

PCT/US 00/33086

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99 41371 A (KECK JAMES G ;WONG JUSTIN G P (US); STRATA BIOSCIENCES INC (US)) 19 August 1999 (1999-08-19) claims 1-38 page 4, line 27 -page 5, line 20 ---	1-29
A	WO 99 35494 A (CONNELLY GENE ;TAO JIANSHI (US); GALLANT PAUL L (US); TALLY FRANCI) 15 July 1999 (1999-07-15) claims 11,12 ---	1-29
A	LIU QIANG ET AL: "Design of polydactyl zinc-finger proteins for unique addressing within complex genomes" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 94, no. 11, May 1997 (1997-05), pages 5525-5530, XP002169348 ISSN: 0027-8424 page 5529 -----	1-29

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