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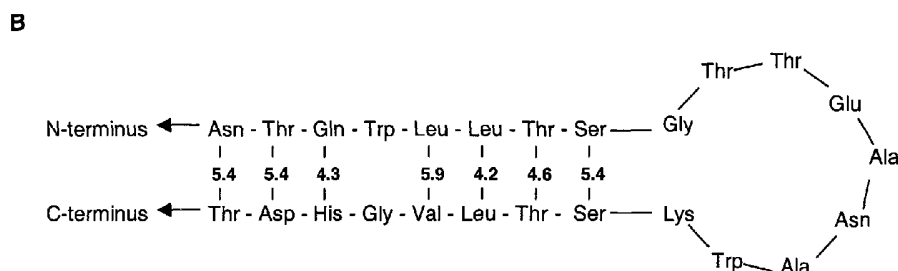
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- (74) Agent: **BLAKEY, Alison, Jane**; Oxford GlycoSciences (UK) Ltd, The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB).
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[Continued on next page]

(54) Title: PROTEIN-NUCLEIC ACID COMPLEXES

A
NTQWLLTSGTTEANAWKSTLVGHDT



(57) Abstract: Methods for the production of recombinant proteins that self-assemble into complexes with nucleic acids in solution or on supports, and protein-nucleic acid complexes produced according to the method e.g. in array format.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N15/10 C12Q1/68 C12P21/02 G01N33/68				
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 C07H C12Q C12P				
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, WPI Data, BIOSIS				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	DOI N ET AL: "STABLE: protein-DNA fusion system for screening of combinatorial protein libraries in vitro" FEBS LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 457, no. 2, 27 August 1999 (1999-08-27), pages 227-230, XP004260157 ISSN: 0014-5793 the whole document <div style="text-align: center; margin-top: 10px;"> --- -/-- </div>	1-20		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C: </td> <td style="width: 50%; border: none;"> <input checked="" type="checkbox"/> Patent family members are listed in annex. </td> </tr> </table>			<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C:	<input checked="" type="checkbox"/> Patent family members are listed in annex.
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<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> *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 </td> <td style="width: 50%; border: none;"> *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 </td> </tr> </table>			*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
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Date of the actual completion of the international search <div style="text-align: center; font-weight: bold;">7 March 2003</div>		Date of mailing of the international search report <div style="text-align: center; font-weight: bold;">26/03/2003</div>		
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 <div style="text-align: center; font-weight: bold;">Aslund, J</div>		

INTERNATIONAL SEARCH REPORT

PCT/GB 02/03351

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>STRICKER N L ET AL: "USING THE LAC REPRESSOR SYSTEM TO IDENTIFY INTERACTING PROTCINS" METHODS IN ENZYMOLOGY, ACADEMIC PRESS INC, SAN DIEGO, CA, US, vol. 303, 1999, pages 451-468, XP000943989 ISSN: 0076-6879 -& WO 98 23781 A (STRICKER NICOLE L ;BREDT DAVID S (US); LI MIN (US); CHRISTOPHERSON) 4 June 1998 (1998-06-04)</p>	1-20
X	<p>WO 95 11922 A (AFFYMAX TECH NV ;DOWER WILLIAM J (US); MATTHEAKIS LARRY C (US)) 4 May 1995 (1995-05-04) figure 10</p>	1-20
X	<p>NILSSON MIKAEL T I ET AL: "Functional expression and affinity selection of single-chain Cro by phage display: Isolation of novel DNA-binding proteins." PROTEIN ENGINEERING, vol. 13, no. 7, July 2000 (2000-07), pages 519-526, XP002233554 ISSN: 0269-2139 the whole document</p>	1-20
X	<p>CEBE REGIS ET AL: "Size of the ligand complex between the N-terminal domain of the gene III coat protein and the non-infectious phage strongly influences the usefulness of in vitro selective infective phage technology" BIOCHEMICAL JOURNAL, THE BIOCHEMICAL SOCIETY, LONDON, GB, vol. 352, no. 3, 2000, pages 841-849, XP002211404 ISSN: 0264-6021 figure 5</p>	1-20
A	<p>BRADBURY A: "Evolution of the display technologies" TRENDS IN BIOTECHNOLOGY, ELSEVIER, AMSTERDAM, NL, vol. 18, no. 5, May 2000 (2000-05), pages 183-184, XP004195994 ISSN: 0167-7799</p>	

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9511922 A	04-05-1995	AU 8124694 A	22-05-1995
		WO 9511922 A1	04-05-1995
		US 5922545 A	13-07-1999
