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(54) Title: RECOMBINATION OF NUCLEIC ACID LIBRARY MEMBERS

(57) Abstract: The invention provides, inter alia, a method of preparing a nucleic acid sequence that encodes a polypeptide that is displayed on a heterologous cell surface. The generally includes recombining a donor nucleic acid and an acceptor nucleic acid to form a recombined nucleic acid that encodes a polypeptide that is displayed. The recombination reaction is typically an in vivo reaction, in that at least the resolution of recombination intermediates occurs within a cell. Both site-specific recombination and homologous recombination can be used.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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US CL : 435/483

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/483

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 practicable, search terms used)
EAST, Medline, Biosis, Embase, Caplus

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	5,888,732 (HARTELY et al.) 30 March 1999 (30.03.99), see entire article.	1-77
A	US 5,354,847 (LIU et al), 11 October 1994 (11.10.1994), see entire article.	1-77

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
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"O" document referring to an oral disclosure, use, exhibition or other means		
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