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(54) Title: METHYLMALONYL COENZYME A MUTASE (MCM) FUSION CONSTRUCTS FOR THE TREATMENT OF
DISORDERS ASSOCIATED WITH MCM DEFICIENCY

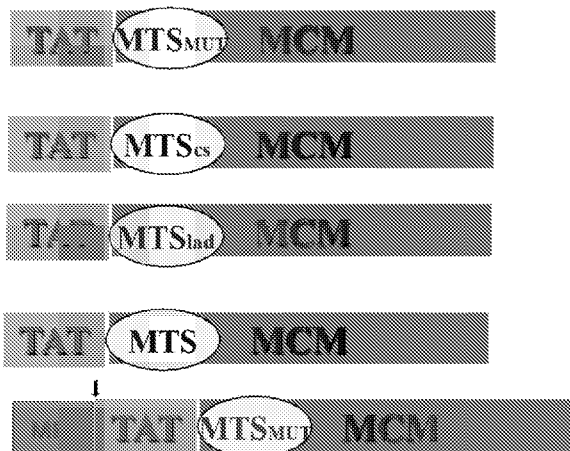


Figure 1

(57) Abstract: The present invention provides compositions and methods relating to protein replacement therapy for the treatment of disorders associated with Methylmalonyl CoA Mutase.



INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. C12N9/90
ADD.

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)
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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)

EPO-Internal, WPI Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2015/017519 A1 (PHASERX INC [US]) 5 February 2015 (2015-02-05) seq ID NO:107	1-29
Y	----- WO 2014/170896 A2 (BIO BLAST PHARMA LTD [IL]) 23 October 2014 (2014-10-23) cited in the application claims ----- -/-	1-32



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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CHANDLER R J ET AL: "Genetic and genomic systems to study methylmalonic acidemia", MOLECULAR GENETICS AND METABOLISM, ACADEMIC PRESS, AMSTERDAM, NL, vol. 86, no. 1-2, 1 September 2005 (2005-09-01), pages 34-43, XP027518212, ISSN: 1096-7192, DOI: 10.1016/J.YMGME.2005.07.020 [retrieved on 2005-10-01] the whole document	1-32
A	RAPOPORT MATAN ET AL: "TAT-mediated delivery of LAD restores pyruvate dehydrogenase complex activity in the mitochondria of patients with LAD deficiency", MOLECULAR THERAPY, NATURE PUBLISHING GROUP, GB, vol. 16, no. 4, 1 April 2008 (2008-04-01), pages 691-697, XP002532522, ISSN: 1525-0024, DOI: 10.1038/MT.2008.4 [retrieved on 2008-02-05] the whole document	1-32

INTERNATIONAL SEARCH REPORT

Information on patent family members

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