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(54) **Genetic polymorphisms associated with myocardial infarction, methods of detection and uses thereof**

(57) The present invention is based on the discovery of genetic polymorphisms that are associated with myocardial infarction. In particular, the present invention relates to nucleic acid molecules containing the polymorphisms, variant proteins encoded by such nucleic acid

molecules, reagents for detecting the polymorphic nucleic acid molecules and proteins, and methods of using the nucleic acid and proteins as well as methods of using reagents for their detection.

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EUROPEAN SEARCH REPORT

Application Number
EP 12 16 3341

DOCUMENTS CONSIDERED TO BE RELEVANT			
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 19 October 2012	Examiner Aguilera, Miguel
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.02 (P04C01)



EUROPEAN SEARCH REPORT

Application Number
EP 12 16 3341

DOCUMENTS CONSIDERED TO BE RELEVANT			
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Place of search The Hague		Date of completion of the search 19 October 2012	Examiner Aguilera, Miguel
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EUROPEAN SEARCH REPORT

Application Number
EP 12 16 3341

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EUROPEAN SEARCH REPORT

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EPO FORM 1503 03 82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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19-10-2012


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专利名称(译)	与心肌梗塞相关的遗传多态性，检测方法及其用途		
公开(公告)号	EP2500440A3	公开(公告)日	2012-11-28
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申请(专利权)人(译)	塞雷拉基因组公司		
当前申请(专利权)人(译)	塞雷拉基因组公司		
[标]发明人	DEVLIN JAMES CARGILL MICHELE IAKOUBOVA OLGA		
发明人	DEVLIN, JAMES CARGILL, MICHELE IAKOUBOVA, OLGA		
IPC分类号	C12Q1/68 A61B C07H21/00 C07H21/04 C07K14/47 C07K16/18 C12N15/12 C12P19/34 G01N33/53		
CPC分类号	C12Q1/6883 C12Q2600/156		
审查员(译)	AGUILERA , MIGUEL		
优先权	60/434778 2002-12-20 US 60/466412 2003-04-30 US 60/453135 2003-03-10 US 60/504955 2003-09-23 US		
其他公开文献	EP2500440B1 EP2500440A2		
外部链接	Espacenet		

摘要(译)

本发明基于与心肌梗塞相关的遗传多态性的发现。特别地，本发明涉及含有多态性的核酸分子，由这种核酸分子编码的变体蛋白，用于检测多态性核酸分子和蛋白质的试剂，以及使用该核酸和蛋白质的方法以及使用方法。用于检测的试剂。

 <div> <p>European Patent Office</p> <p>Office européen des brevets</p> <p>Europäisches Patentamt</p> </div>		<p align="center">EUROPEAN SEARCH REPORT</p>		<p>Application Number</p> <p align="center">EP 12 16 3341</p>
<p align="center">DOCUMENTS CONSIDERED TO BE RELEVANT</p>				
Category	Classification of documents with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
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A	<p>EP 0 609 059 A (CLONIT S A [IT] CLONIT S R L [IT]) 3 August 1994 (1994-08-03)</p> <p>* page 6, lines 5-9; claim 17; figures 1,2</p> <p align="center">-----</p> <p align="center">-/-</p>	1-24		
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<p>Page of search</p>		<p>Date of completion of the search</p>		<p>Examiner</p>
<p>The Inque</p>		<p>19 October 2012</p>		<p>Aguielre, Huguel</p>
<p>CATEGORY OF CITED DOCUMENTS</p>				
A2	<p>particularly relevant if taken alone</p> <p>literature relevant if combined with another</p> <p>A1: not relevant</p> <p>A: technological background</p> <p>A: non-technical description</p>	<p>I: theory or principle underlying the invention</p> <p>II: prior art relevant if taken alone or after the filing date</p> <p>III: document that is not applicable</p> <p>A: number of the same patent family, corresponding</p>		