



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
	No further relevant documents disclosed -----		INV. C12N15/12 C12N15/52 C12N9/00 C07K14/47 C07K16/18 C07K16/40 C07K16/42 G01N33/48 G01N33/50 G01N33/68
			TECHNICAL FIELDS SEARCHED (IPC)
			C12N C07K
	The supplementary search report has been based on the last set of claims valid and available at the start of the search.		
	Place of search Munich	Date of completion of the search 1 June 2006	Examiner Seranski, P
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	



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-8 (partially)



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-8 (partially)

Methods of detecting cancer by assessing the expression of nucleic acids at human chromosomal locus 8q22.3, in particular the expression of the EDD gene.

2. claims: 1-8 (all partially)

Methods of detecting cancer by assessing the expression of nucleic acids at human chromosomal locus 8q22.3, in particular the expression of the p53R2 gene.

3. claim: 9

Isolated nucleic acid molecules for detecting a cancer cell.

4. claims: 10-12, 15-22 (partially)

Isolated or recombinant protein complexes comprising EDD protein or a portion thereof and a nuclear protein; kit for detecting said complex; kit for producing said complex; Method for isolating said complex; Method for determining a predisposition for disease comprising detecting said protein complex; Method for detecting a modulator influencing said complex.

5. claims: 10-12, 15-22 (partially)

Isolated or recombinant protein complexes comprising EDD protein or a portion thereof and a protein having cell cycle modulatory activity; kit for detecting said complex; kit for producing said complex; Method for isolating said complex; Method for determining a predisposition for disease comprising detecting said protein complex; Method for detecting a modulator influencing said complex.

6. claims: 10-12, 15-22 (partially)

Isolated or recombinant protein complexes comprising EDD protein or a portion thereof and a protein associated with DNA repair or damage; kit for detecting said complex; kit for producing said complex; Method for isolating said complex; Method for determining a predisposition for disease comprising detecting said protein complex; Method for detecting a modulator influencing said complex.



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

7. claims: 10-12, 15-22(partially)

Isolated or recombinant protein complexes comprising EDD protein or a portion thereof and a nuclear targeting protein; kit for detecting said complex; kit for producing said complex; Method for isolating said complex; Method for determining a predisposition for disease comprising detecting said protein complex; Method for detecting a modulator influencing said complex.

8. claims: 10-12, 15-22(partially)

Isolated or recombinant protein complexes comprising EDD protein or a portion thereof and a progesterone receptor protein; kit for detecting said complex; kit for producing said complex; Method for isolating said complex; Method for determining a predisposition for disease comprising detecting said protein complex; Method for detecting a modulator influencing said complex.

9. claim: 14

An isolated antibody binding to an antibody.

10. claims: 23-27

A compound and its use to influence EDD expression in a cell and a pharmaceutical composition comprising said compound.

11. claim: 28

A method for determining the ability of a cell to phosphorylate CHK2 in response to a DNA damaging agent.

专利名称(译)	新的诊断和治疗方法及其试剂		
公开(公告)号	EP1539957A4	公开(公告)日	2006-10-11
申请号	EP2003793494	申请日	2003-09-05
申请(专利权)人(译)	加文医学研究所的研究		
当前申请(专利权)人(译)	加文医学研究所的研究		
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IPC分类号	G01N33/50 A61K31/7088 A61K45/00 A61K48/00 A61P35/00 A61P43/00 C07K14/47 C07K16/18 C07K16/30 C07K16/40 C07K19/00 C12N9/00 C12N15/09 C12N15/12 C12Q1/02 C12Q1/68 G01N33 /15 G01N33/53 G01N33/574 C07K16/42 C12N15/52 G01N33/48 G01N33/68		
CPC分类号	C07K16/40 C07K16/30 C12N9/93 C12Q1/6886 C12Q2600/112 C12Q2600/118 C12Q2600/136 C12Q2600/158 G01N33/574 G01N2333/9015 G01N2500/00		
优先权	60/425218 2002-11-07 US 2002951346 2002-09-05 AU		
其他公开文献	EP1539957A1		
外部链接	Espacenet		

摘要(译)

本发明提供了检测或治疗与由与人基因组的图谱位置8q22.3连接的基因编码的核蛋白的表达相关的异常细胞周期调节的新方法，以及对其有用的新试剂。更具体地，本发明提供了新的核酸和蛋白质探针，用于检测与人基因组的图谱位置8q22.3或其表达产物连接的基因，其中所述基因的表达或升高的表达与外观或与癌症，DNA损伤和孕激素受体介导的细胞相关的肿瘤的发生。本发明还提供了用于检测或调节基因表达产物的试剂和方法，例如，用于诊断或治疗癌症，细胞增殖，DNA损伤或孕酮受体介导的对细胞的作用。

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Place of search		Date of completion of the search	Examiner
Munich		1 June 2006	Seranski, P
<small>CATEGORY OF CITED DOCUMENTS</small> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background Q : prior art document F : intermediate document			
<small>T : theory or principle underlying the invention E : earlier patent document, not published on, or after the filing date D : document cited for the application L : document cited for other reasons & : member of the same patent family, corresponding document</small>			