



Polymorphisms in mucin genes in the development of gastric cancer



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Although decreasing in most countries, stomach cancer remains the fourth in cancer incidence ... To date, many distinct mucin genes have been identified. ... that the MUC6 VNTR polymorphism is involved in the stomach cancer development.

### Polymorphisms in MUC1, MUC2, MUC5B and MUC6 genes ...

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作者: B Frank - 2012 - 被引用次数: 4 - 相关文章

Mucins represent major components of the mucous layer in the stomach, ... role of genetic variation in mucin genes in the development of gastric cancer (GC).

**Name of journal:** World Journal of Gastroenterology

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**Polymorphisms in mucin genes in the development of gastric cancer**

Rong Wen, Fang Gao, Cheng-Jiang Zhou, Yan-Bin Jia

### Abstract

Gastric cancer (GC) is the third leading cause of cancer-related death worldwide. In areas of high prevalence, such as Japan, Korea and China, most cases of GC are related to *Helicobacter pylori* (*H. pylori*), which involves well-characterized sequential stages, including infection, atrophic gastritis, intestinal metaplasia, dysplasia, and GC. Mucins are the most abundant

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[www.ncbi.nlm.nih.gov/pubmed/21596555](http://www.ncbi.nlm.nih.gov/pubmed/21596555) [翻译此页](#)作者: B Frank - 2012 - 被引用次数: 5 - [相关文章](#)2011年5月17日 - [Polymorphisms](#) in MUC1, MUC2, MUC5B and MUC6 genes are not ... variation in [mucin genes in the development of gastric cancer](#) (GC).

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F Carvalho, R Seruca, L David, A Amorim... - Glycoconjugate ..., 1997 - Springer

... number of tandem repeats), might influence the function of MUC1 **mucins**, ie could ... The Monte Carlo test applied to the study of highly **polymorphic genes**, as described by ... We except that the molecular epidemiology of **mucin genes polymorphism** will allow the establishment of ...

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F Silva, F Carvalho, A Peixoto, M Seixas... - ... of Human **Genetics**, 2001 - researchgate.net

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CA Reis, L David, P Correa, F Carneiro, C de Bolós... - **Cancer Research**, 1999 - AACR

... to complete **intestinal** metaplasia with loss of expression of the "gastric" **mucins**, MUC1, MUC5AC ... D. Molecular cloning and expression of human tumor-associated **polymorphic** epithelial **mucin**. ... **mucin gene** MUC5AC: a consensus cysteine-rich domain for 11p15 **mucin genes**? ...

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S Tsukashita, R Kushima, M Bamba... - ... journal of **cancer**, 2001 - Wiley Online Library

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SB Ho, GA Niehans, C Lyftogt, PS Yan, DL Cherwitz... - **Cancer research**, 1993 - AACR

... This **gene** is highly **polymorphic** due to variable numbers of tandem repeats in each alÃ-ele. In addition, 2 ... Interestingly, ovarian **mucinous** cystadenocarcinomas fre ... Colonie adenocarcinomas expressed **mucin** core peptides and mRNA corresponding to all 3 **mucin genes** (Figs. ...

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