

交流论文

## 多重PCR 对乳腺癌中MTS1 基因外显子2 缺失的研究

黄 健<sup>1</sup> 胡春萍<sup>2</sup> 白 玲<sup>2</sup> 姚铁钧<sup>3</sup>

<sup>1</sup>桂林医学院生物工程研究所 桂林 541004 <sup>2</sup>桂林医学院生化教研室 <sup>3</sup>桂林医学院病理科

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**摘要** 为探索MTS1 基因变异在乳腺癌的发生及恶性进程中的作用,作者应用多重PCR 技术对47 例原发性乳腺癌组织进行了检测。结果显示17 例纯合性缺失,变异率为36.2%,其中淋巴结转移组的变异率60%(9/15)显著高于未转移组25%(8/32, P < 0.05),浸润性导管癌变异率显著高于其它类型癌。本研究结果提示,MTS1 基因在乳腺癌组织中有变异存在,其变异的频率与肿瘤的恶性程度及组织分型密切相关。

**关键词** [PCR](#) [乳腺癌](#) [MTS1 基因](#)

## DELETION OF EXON 2 OF MTS1 GENE IN BREAST CARCINOMAS BY MULTIDELETION OF EXTIPLEX- PCR

Huang J , et al

Institute of Bioengineering of Guilin Medical College , Guilin 541004

**Abstract** This study sought to address the relationship of breast carcinoma with deletion of MTS1 gene. 17 of 47 cases showed MTS1 gene was deleted by multiplex - PCR. The rate of deletion of MTS1 gene was 36.2%.the rate of deletion in metastatic breast carcinoma of lymph node was 60%(9/15), that in nonmetastatic breast carcinoma of lymph node was 25%(8/32). There were significant differences in the rate of deletion of MTS1 gene between them, and between the rate of infiltrating type of breast carcinoma and the others. These suggest that deletion of MTS1 gene was associated with progression and type of breast carcinoma.

**Keywords** [PCR](#) [Breast carcinoma](#) [MTS1 gene](#)

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