287~291.Ets-1、VEGF在乳腺浸润性导管癌组织的表达及其临床意义[J].刘 涛,张敬川,何景生.中国肿瘤生物治疗杂志,200

Ets-1、VEGF在乳腺浸润性导管癌组织的表达及其临床意义 点此下载全文

刘 涛 张敬川 何景生

徐州矿物集团第一医院 肿瘤科, 江苏 徐州 221000;徐州医学院 附属医院 肿瘤科,江苏 徐州 221000;徐州矿物集团第一医

基金项目：广西桂林市科学研究与技术开发计划项目(No.20070514)

DOI：10.3872/j.issn.1007-385X.2009.3.016

摘要：

目的: 探讨Ets 1和VEGF在乳腺浸润性导管癌(invasive ductal carcinoma，IDC)组织中的表达规律，分析其与临床
0例乳腺浸润性导管癌患者手术切除癌组织和癌旁组织标本，通过免疫组织化学和RT PCR方法检测Ets 1和VEGF蛋白和mR
在乳腺IDC组织中高表达，明显高于癌旁乳腺组织（ P <0.01）;癌组织中Ets 1蛋白表达高于VEGF，且两者呈正相关（
1和VEGF蛋白表达与年龄、肿瘤大小无关，与临床分期、淋巴结转移密切相关（ P <0.05）。（2）Ets 1 mRNA、VEG
旁乳腺组织(P <0.01);Ets 1mRNA水平明显高于VEGF mRNA (P <0.01)，且两者正相关（ r =0.984， P
A表达与年龄、肿瘤大小无关，与临床分期、淋巴结转移密切相关（ P <0.05）。结论:乳腺浸润性导管癌组织中Ets 1和
表达间均呈正相关；两者表达均与肿瘤临床分期和淋巴结转移相关。

关键词：乳腺浸润性导管癌 Ets-1 血管内皮生长因子 免疫组织化学 逆转录聚合酶链反应

Expression of Ets-1 and VEGF in breast invasive ductal carcinoma and its clinical significance Dow

LIU Tao ZHANG Jing chuan HE Jing sheng

Department of Oncology, First Hospital of Xuzhou Mining Group, Xuzhou 221000, Jiangsu, China;Departm
of Xuzhou Medical College, Xuzhou 221000, Jiangsu, China;Department of Oncology, First Hospital of Xu
Jiangsu, China

Fund Project:Supported by the Scientific Research and Technological Development Program of Guilin, Gu

Abstract:

Objective:To study the expression of Ets 1 and VEGF in breast invasive ductal carcinoma (IDC) tissue
with clinicopathologic characteristics of IDC. Methods: Forty breast IDC tissues and their adjacent norma
from clinical diagnosed breast IDC patients after surgery. Expression of Ets 1 and VEGF protein and
immunohistochemistry and RT PCR. Results:（1）Expression of Ets 1 and VEGF protein in breast IDC tissu
that in adjacent normal tissues (P <0.01). Expression of Ets 1 protein in breast IDC tissues was signif
and their expressions were positively correlated (r =0.8827, P <0.05). Expression of Ets 1 and VE
clinical stages of breast IDC and lymph node metastasis (P <0.05).（2）Expression of Ets 1 and VEGF
significantly higher than that in adjacent normal tissues (P <0.01). Expression of Ets 1 mRNA in breas
higher than the expression of VEGF and they were positively correlated (r =0.984, P <0.01). Expre
was correlated with the clinical stage and lymph node metastasis of breast IDC (P <0 05), but not w
volumes. Conclusion: Ets 1 and VEGF are highly expressed in breast IDC tissues at both mRNA and prote
correlated with each other. Their expression is associated with the clinical stages and lymph node metas

Keywords:breast invasive ductal carcinoma Ets-1 VEGF immunohistochemistry RT-PCR