ارتباط پلی‌مورفیسم زن VEGF 405C/G با سرطان پستان در شمال ایران

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در تحقیقی...
فعالیت ژاکی گاهی داخلی و رود ریزوموزوم و انفیازی ترجمه در چندون آغاز و تنظیم بیان از ورم نژادی VEGF در سطح نزدیک از AUG و می‌شود (9). این پل مورفیسم در ژاکی گاهی پاتولوژی اصلی عامل واقع شده و اثر مستقیم بر مولکولیتیون و باعث از ورم VEGF در سطح خونی و LPS می‌شود (10). نزدیکی بین VEGF یکی و ۵۰ نزدیکی با و و مولکولیتیون و باعث از ورم VEGF در سطح خونی و LPS می‌شود (10). نزدیکی بین VEGF یکی و ۵۰ نزدیکی با و

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mGAPH and microkaryotic RoI in pancreatic acini in both normal and tumors from patients with tumors from patients with tumors at different stages. However, there is no clear significance in the relationship between mGAPH and the stage of tumor progression. Therefore, further studies are needed to clarify the role of mGAPH in pancreatic tumors.

References


Original Paper

Association of VEGF gene +405C/G polymorphism with the risk of breast cancer in northern Iran

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Abstract

\textbf{Background and Objective:} Breast cancer is a cancer in women with high prevalence worldwide. Vascular endothelial growth factor (VEGF) is one of the most important Pro-angiogenic factors. +405C/G is one of the common VEGF polymorphism which may have an impact on the level of gene expression and overloading of gene products. This study was done to evaluate the association between VEGF +405C/G gene polymorphism and breast cancer risk in northern Iran.

\textbf{Methods:} This case-control study was carried out on 50 patients with breast cancer and 50 normal age-matched controls in northern Iran. Genomic DNA was extracted from peripheral blood cells. To determine the genotype of +405C/G VEGF gene polymorphism, PCR-RFLP method was used.

\textbf{Results:} The prevalence of genotypic frequencies of GG, GC and CC in controls were 42\%, 48\% and 10\%, respectively and in patients were 22\%, 46\% and 32\%, respectively (P<0.05). The +405C allele was considered as a risk factor in breast cancer (P<0.05).

\textbf{Conclusion:} It seems +405 C/G VEGF gene polymorphism may be associated with the breast cancer in northern Iran.

\textbf{Keywords:} Breast cancer, Polymorphism VEGF, +405C/G gene, Iran

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