

عنوان مقاله:

Effect of PAI-1 4G/5G polymorphism in breast cancer patients from North West of Iran

محل انتشار:

یازدهمین کنگره بین المللی سرطان پستان (سال: 1394)

تعداد صفحات اصل مقاله: 1

نویسندگان:

.Mahdieh Younesi - *Department of Animal Biology, Faculty of Natural Sciences, University of Tabriz, Tabriz, Iran*

Mohammadali Hosseinpour Feizi - *Department of Animal Biology, Faculty of Natural Sciences, University of Tabriz, Tabriz, Iran*

.Nasser Pouladi - *Department of Biology, Faculty of Sciences, Azarbaijan Shahid Madani University, Tabriz, Iran*

خلاصه مقاله:

Introduction: Among the variants of the PAI-1 gene, the 4G/5G polymorphism has been the most frequently studied, because its location at the promoter of the gene indicates its possible role in the regulation of PAI-1 transcription. Therefore, the aim of this study was to investigate the effect of this polymorphism in patients with breast cancer from North West of Iran. Methods: 200 breast cancer patients and 200 healthy controls from North West of Iran were selected. Peripheral blood-DNA samples were used for PCR amplification using the allele specific primers. The collected data were analyzed through using Fisher's exact tests and SPSS software, with a significance level of 0.05. Results: Based on molecular studies, all patients and control group were divided into three genotypes 4G/4G, 4G/5G and 5G/5G. Genotype distribution and alleles frequencies between patients and control group were calculated. Discussion and conclusion: Results indicate that the genotypic and allelic frequencies of PAI-1 4G/5G polymorphism showed no significant difference between breast cancer patients and control individuals in this cohort

کلمات کلیدی:

PAI-1 4G/5G polymorphism, breast cancer, North West of Iran

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/726834>

