

## عنوان مقاله:

A Comparative Study of NLRP1 Gene for Iraqi Vitiligo Patients with 1000 Genomes

## محل انتشار:

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## خلاصه مقاله:

Generalized Vitiligo (GV) is a complicated disease with many factors that can influence its severity. The GV pathway and its severity are influenced by genetic, epigenetic deleted the comma, and environmental factors. Many genes have been identified at the genetic level that may be involved in this type of disease. As a result, the primary goal of this project is to investigate the impact of some SNPs in the promoter region of the NLRP1 gene. A total of 50 GV patients and 2504 healthy controls were recruited to see if single nucleotide polymorphisms (SNPs) in the NLRP1 gene (rs925595, rs925596, rs 925597, rs925598, rs11569898, rs2716936, rs79376273, rs1156990, rs8072203, and rs2670642) contribute to determine the relationship between GV and these SNPs, the data was statistically analyzed. Three SNPs (rs1156989, rs925595, and rs925597) showed a significant association with GV among ten tested SNPs. The three SNPs were found within a linkage disequilibrium block. Haplotypes H3, H8, H9, and H10 which included rs1156989, rs925595, and rs925597 were found to be associated with GV. The findings suggest that NLRP1 polymorphisms are .linked to GV development

## کلمات کلیدی:

Generalized Vitiligo (GV), SNPs, NLRP1 gene, Autoimmune Disease, rs1156989

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