

## Accepted Manuscript

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PII: S0378-1119(17)31038-7  
DOI: doi:[10.1016/j.gene.2017.11.072](https://doi.org/10.1016/j.gene.2017.11.072)  
Reference: GENE 42380  
To appear in: *Gene*  
Received date: 16 October 2017  
Accepted date: 28 November 2017

Please cite this article as: Tian-Tian Lv, Jun Wu, Jun Li, Tian-Ping Zhang, Xiao-Ke Yang, Nan Xiang, Yin-Guang Fan, Hai-Feng Pan, Bin Wang , Association of interleukin-10 gene single nucleotide polymorphisms with susceptibility to systemic lupus erythematosus in a Chinese population. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Gene*(2017), doi:[10.1016/j.gene.2017.11.072](https://doi.org/10.1016/j.gene.2017.11.072)

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**Association of interleukin-10 gene single nucleotide polymorphisms with susceptibility to systemic lupus erythematosus in a Chinese population**

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**Running title:** Association of IL-10 gene SNPs with SLE

**Abstract** The aim of this study was to investigate the association of interleukin (IL)-10 gene single nucleotide polymorphisms (SNPs) with susceptibility to systemic lupus erythematosus (SLE) in a Chinese population. 848 SLE patients and 461 normal controls were recruited in this study. Nine SNPs in IL-10 gene (rs1518110, rs1518111, rs1554286, rs1800890, rs1800893, rs3024493, rs3024495, rs3024498 and rs6667202) were genotyped using TaqMan genotyping assays on Fluidigm 192.24 system. The frequency of IL-10 rs3024498-C allele was significantly higher in patient group compared with control subjects ( $OR = 5.118$ , 95%  $CI = 1.819-14.405$ ,  $P = 0.002$ ). No significant differences were

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