

Supplementary Table 1: Primers and restriction enzymes used for genotyping of IL-18 SNPs

IL-18 position (SNP)	Primer sequence	Restriction endonuclease
-1297 T/C (rs360719) ¹¹	Forward: 5'CAACAGTGATTACAAAGGAAGT3'	NlaIII
	Reverse: 5'TAAATGGGTAGGAATAAGTGAGA3'	
-607 A/C (rs1946518) ¹²	Forward: 5'TGTTGCAGAAAGTGTA AAAATTAGTA3'	RsaI
	Reverse: 5'TTACTTTTCAGTGGAACAGGAG3'	
-137 G/C (rs187238) ¹³	Forward: 5'TGCTTCTAATGGACTAAGGAGGTG3'	BglII
	Reverse: 5'CTTCTTTTAATGTAATATCACTATTTTCATGAGA3'	
+105 A/C (rs549908) ¹⁴	Forward: '5TGTTTATTGTAGAAAACCTGGAATT3'	TaqI
	Reverse: 5'CCTCTACAGTCAGAATCAGT3'	

Supplementary Table 2: Outcomes of LD between IL-18 gene polymorphisms in patients and controls

Locus 1	Locus 2	Group	D'	r ²	Confidence Interval
rs360719	rs187238	Patient	0.649	0.196	0.5 - 0.8
		Control	0.165	0.014	0.01 - 0.02

The D' and r² are the measures to assess the strength of linkage disequilibrium (LD). The measure r² denotes the statistical correlation between two loci. The value of r² varies from 0 to 1. D' is a normalized value of D (linkage disequilibrium coefficient) obtained by dividing it by the theoretical maximum difference between observed and expected allele frequencies.

Supplementary Figure 1: Linkage Disequilibrium (LD) plot for IL-18 polymorphisms (-1297T/C, -137G/C) in [A] Patients and [B] Controls

