Table 3. Details of the transmission disequilibrium test (TDT) results for the SNPs IFN-AR2-F8S and IL-10RB-K47E

(*a*) Results for IFN-AR2-F8S

	TRANSMIT		PDT			
IFNAR2-F8S allele	Obs	Exp	T	NT	HBsAg +	Anti-HBc +/HBsAg -
T (Phe)	293	281.2	206	190	312	292
C (Ser)	21	32.5	12	28	28	32
Overall χ^2		8.26				6.63
Overall *P* value		**0.004**				**0.010**

(*b*) Results for IL-10RB-K47E

	TRANSMIT		PDT			
IL10RB-K47E allele	Obs	Exp	T	NT	HBsAg +	Anti-HBc+/HBsAg -
A (Lys)	345	339.9	265	259	327	339
G (Glu)	17	22.1	11	17	21	21
Overall χ^2		2.96				5.55
Overall *P* value		0.085				**0.019**

(*c*) Results of haplotype analysis of IFN-AR2-F8S and IL-10RB-K47E

	TRANSMIT			PDT				
F8S allele-K47E allele	Obs	Exp	Haplotype *P* value	T	NT	HBsAg+	Anti-HBc+/HBsAg -	Haplotype *P* value
T-A (Phe/Lys)	319.7	303.2	**3×10^{-4}**	161	120	230	219	**0.001**
C-A (Ser/Lys)	26.2	36.9	**0.001**	32	58	26	31	**0.021**
T-G (Phe/Glu)	14.6	21.1	**0.022**	14	29	17	16	0.079
C-G (Ser/Glu)	1.5	0.9	NS	3	3	3	4	NS

	TRANSMIT			PDT				
F8S allele-K47E allele	Obs	Exp	Haplotype *P* value	T	NT	HBsAg+	Anti-HBc+/HBsAg -	Haplotype *P* value
Overall χ^2		16.59					14.523	
Overall *P* value		**0.001**					**0.002**	

Results shown are from family data generated using both PDT and TRANSMIT to test for transmission disequilibrium (1–3). The overall χ^2 and *P* values are shown in the final two lines of the table. All *P* values shown in bold are considered significant ($P<0.05$). The amino acids encoded by the alleles are indicated in each table. (*a*) Results from the analysis of IFN-AR2-F8S SNP. (*b*) Results from the analysis of IL-10RB-K47E SNP. (*c*) Results of haplotype analysis by using IFN-AR2-F8S and IL-10RB-K47E. TDT test results for each individual haplotype are presented in the indicated columns within the table, whereas the overall χ^2 and *P* values are presented as before.

1. Martin, E. R., Monks, S. A., Warren, L. L. & Kaplan, N. L. (2000) *Am. J. Hum. Genet.* **67,** 146–154.

2. Martin, E. R., Bass, M. P. & Kaplan, N. L. (2001) *Am. J. Hum. Genet.* **68,** 1065–1067.

3. Clayton, D. (1999) *Am. J. Hum. Genet.* **65,** 1170–1177.