

Supplementary Table 1. Gene-gene interaction analysis for the *CYP27B1* –1260 polymorphism.

	Affected Offspring ^a	Cases ^a
<i>INS</i> (rs689; –23 <i>Hph</i> I)	0.37 (1,753)	0.50 (4,203)
<i>CTLA4</i> (rs3087243; CT60)	0.0045 (2,167)	0.18 (4,163)
<i>PTPN22</i> (rs2476601; Arg620Trp)	0.37 (2,071)	0.39 (4,188)
<i>HLA-DRB1</i> ^b	0.037 (2,101)	0.033(1,897)
<i>VDR</i> (rs2544043)	0.82 (1,683)	0.55 (1,543)
<i>VDR</i> (rs12721366)	0.20 (791)	0.72 (1,555)
<i>VDR</i> (rs4303288)	0.18 (1,976)	0.12 (1,524)
<i>VDR</i> (rs10735810; <i>Fok</i> I)	0.78 (2,069)	NT
<i>VDR</i> (rs7975232; <i>Apa</i> I)	0.64 (2,285)	NT
<i>VDR</i> (rs1544410; <i>Bsm</i> I)	0.93 (2,010)	NT
<i>VDR</i> (rs731236; <i>Taq</i> I)	0.86 (1,755)	NT
Age at diagnosis	0.25 (2,460)	0.88 (5,683)
Sex	0.28 (2,515)	0.45 (5,695)

a - data are *P*-values obtained using a regression model as a score test for association (*n* individuals) as described previously (15);

b - we used the following genotype coding for the *HLA-DRB1* gene: DR3/DR3, DR3/DR4, DR4/DR4, DR3/non-DR4, DR4/non-DR3 and non-DR3/non-DR4;

NT – not tested.