

**Supplementary Table S1. Statistical power of genetic association of less than 0.05 *p*-value in Table 2**

Characteristic	AOR (95% CI)	Statistical power (%)
<i>STAT3</i> rs1053004 AG	0.623 (0.409-0.947)	68.1
<i>STAT3</i> rs1053004 GG	0.513 (0.269-0.978)	86.7
<i>STAT3</i> rs1053004 Dominant	0.601 (0.406-0.889)	76.5
<i>IL-6</i> rs1800796 GG	2.472 (1.083-5.645)	78.3
<i>IL-6</i> rs1800796 Recessive	2.374 (1.053-5.350)	63.0
<i>TNF-<math>\alpha</math></i> rs1800629 GA	2.127 (1.200-3.769)	77.2
<i>TNF-<math>\alpha</math></i> rs1800629 Dominant	2.198 (1.246-3.878)	80.8

AOR, adjusted odds ratio.