

Table S1 List of polymorphic sites at the *HLA* genes that were discovered in the 1000 Genomes project exclusively on the high-coverage exome experiments. Positions in coordinates relative to the human reference genome hg19 build and relative to the ARS exons are given.

Gene	hg19_position	ARS_position
A	29910673	140
A	29910682	149
A	29910717	184
A	29910719	186
A	29910750	217
A	29910752	219
A	29910761	228
A	29910768	235
B	31324570	140
B	31324589	146
B	31324595	165
C	31238984	412
DQB1	32632598	128
DQB1	32632599	131
DQB1	32632601	244
DQB1	32632714	246
DQB1	32632717	247
DRB1	32552067	65
DRB1	32552072	69
DRB1	32552075	75
DRB1	32552079	77
DRB1	32552081	81
DRB1	32552087	84
DRB1	32552091	89