

Supplementary Table S1 The frequencies of the HLA-DRB1* and HLA-DQB1* alleles in the SC and NSC groups

Alleles	SC, n (%)	NSC, n (%)	P value	OR	95% C.I. for OR	
					Lower	Upper
DRB1*01	13 (10.80)	8 (3.20)	0.003*	3.65	1.47	9.05
DRB1*03	17 (14.20)	13 (5.20)	0.003*	2.98	1.40	6.37
DRB1*04	19 (15.80)	31 (12.50)	0.382	1.31	0.71	2.44
DRB1*07	10 (8.30)	22 (8.90)	0.864	0.93	0.43	2.04
DRB1*08	2 (1.70)	3 (1.20)	1.000	1.38	0.23	8.34
DRB1*09	NA	2 (0.80)	0.559	NA	NA	NA
DRB1*10	4 (3.30)	10 (4.00)	0.784	0.82	0.25	2.67
DRB1*11	18 (15.00)	74 (29.80)	0.002	0.42	0.24	0.73
DRB1*12	4 (3.30)	2 (0.80)	0.091	4.24	0.76	23.49
DRB1*13	20 (16.70)	33 (13.30)	0.389	1.30	0.71	2.38
DRB1*14	3 (2.50)	15 (6.00)	0.139	0.40	0.11	1.40
DRB1*15	8 (6.70)	24 (9.70)	0.337	0.67	0.29	1.53
DRB1*16	2 (1.70)	11 (4.40)	0.236	0.37	(0.08	1.67
DQB1*02	23 (19.20)	38 (15.30)	0.353	1.31	0.74	2.32
DQB1*03	45 (37.50)	91 (36.70)	0.881	1.04	0.66	1.63
DQB1*04	2 (1.70)	4 (1.60)	1.000	1.03	0.19	5.73
DQB1*05	26 (21.70)	60 (24.20)	0.591	0.87	0.51	1.46
DQB1*06	24 (20.00)	55 (22.20)	0.633	0.88	0.51	1.50

HLA, human leukocyte antigen; n, number; CI95%, confidence interval 95%; OR, odds ratio; NA, not applicated; NS, not seen; NSC, non-severe COVID-19; SC, severe COVID-19. **Bold, P value<0.05.**