

**Suppl. Table 1. The association of FokI, ApaI, and BsmI polymorphisms with COVID-19 severity**

<b>SNP Genotypes</b>	<b>Controls/ Mild symptoms</b>	<b>Severe Symptoms</b>	<b>Analysis Model</b>	<b>OR</b>	<b>95%CI</b>	<b>p- value</b>	<b>HWE control group (p- value)</b>	<b>in (p- value)</b>
<b>FokI (rs2228570)</b>								
<b>CC</b>	58	41	Additive (CC vs. CT vs. TT)			0.47	0.72	
<b>CT</b>	54	33						
<b>TT</b>	11	12						
<b>CC</b>	58	41	Homozygous (TT vs. CC)	1.54	0.62-3.84	0.35		
<b>TT</b>	11	12						
<b>CC</b>	58	41	Heterozygous (CT vs. CC)	0.86	0.48-1.56	0.63		
<b>CT</b>	54	33						
<b>CC</b>	58	41	Dominant (CT+TT vs. CC)	0.98	0.56-1.7	0.94		
<b>CT+TT</b>	65	45						
<b>CT+CC</b>	112	74	Recessive (TT vs. CT+CC)	1.65	0.69-3.94	0.26		
<b>TT</b>	11	12						
<b>C</b>	170	115	Allelic (T vs. C)	1.11	0.73-1.68	0.63		
<b>T</b>	76	57						
<b>ApaI (rs79752)</b>								
<b>TT</b>	44	35	Additive (TT vs. TG vs. GG)			0.53	0.13	
<b>TG</b>	72	44						
<b>GG</b>	7	7						
<b>TT</b>	44	35	Homozygous (GG vs. TT)	1.26	0.4-3.92	0.69		
<b>GG</b>	7	7						
<b>TT</b>	44	35	Heterozygous (TG vs. TT)	0.77	0.43-1.37	0.37		
<b>TG</b>	72	44						
<b>TT</b>	44	35	Dominant (TG+GG vs. TT)	0.81	0.46-1.43	0.47		
<b>TG+GG</b>	79	51						
<b>TG+TT</b>	116	79	Recessive (GG vs. TG+TT)	1.47	0.5-4.35	0.49		
<b>GG</b>	7	7						
<b>T</b>	160	114	Allelic (G vs. T)	0.95	0.63-1.43	0.79		
<b>G</b>	86	58						
<b>BsmI (rs1544410)</b>								
<b>AA</b>	27	27	Additive (AA vs. AG vs. GG)			0.15	0.8	
<b>AG</b>	66	35						
<b>GG</b>	30	24						
<b>AA</b>	27	27	Homozygous (GG vs. AA)	0.8	0.38-1.71	0.56		
<b>GG</b>	30	24						
<b>AA</b>	27	27	Heterozygous (AG vs. AA)	0.53	0.27-1.04	0.06		
<b>AG</b>	66	35						
<b>AA</b>	27	27	Dominant (AG+GG vs. AA)	0.61	0.33-1.15	0.13		
<b>AG+GG</b>	96	59						
<b>AG+AA</b>	93	62	Recessive (GG vs. AG+AA)	1.2	0.64-2.24	0.57		
<b>GG</b>	30	24						
<b>A</b>	120	89	Allelic (G vs. A)	0.89	0.6-1.31	0.55		
<b>G</b>	126	83						

P values are for the comparisons between the two groups by Chi-squared test.

SNP, single nucleotide polymorphism, OR: odds ratio, CI: confidence interval, HWE: hardy-weinberg equilibrium.