

Supplementary table S3. Association between different polymorphisms and influenza severity.

Gen/SNP	Genotype	UCI	NO UCI			
		GF (%)	GF (%)	P	OR	CI 95%
<i>TNF</i>						
rs361525	GG	54 (83.07)	51 (100)			
	GA	8(12.30)	0	0.007	16.06	(1.53-285.45)
	AA	3(4.61)	0	0.36	6.16	(0.59-131.21)
rs1800629	GG	62(95.38)	49(96.07)			
	GA	3(4.61)	2(3.92)	0.76	1.10	(0.23-5.10)
	AA	0	0	---	----	-----
rs1800750	GG	61(93.84)	49(96.07)			
	GA	3(4.61)	1(1.96)	0.79	2.41	(0.24-23.97)
	AA	1(1.53)	1(1.96)	0.57	0.80	(0.049-13.17)
<i>IL1B</i>						
rs16944	AA	25(39.06)	17(33.33)			
	AG	26(40.62)	27(52.94)	0.42	0.65	(0.28-1.48)
	GG	13(20.31)	7 (13.72)	0.89	1.26	(0.41-3.81)
rs3136558	TT	21(31.34)	18(36.73)			
	TC	31(46.26)	22(44.89)	0.81	1.20	(0.52-2.77)
	CC	15 (22.38)	9(18.36)	0.68	1.42	(0.50-4.03)
<i>IL6</i>						
rs18181879	GG	14(21.53)	10(20.83)			
	GA	30(46.15)	24(50)	0.98	0.89	(0.33-2.36)

rs2069840	AA	21(32.30)	14(29.16)	0.88	1.07	(0.37-3.08)
	CC	30(46.87)	26(50.98)			
	CG	28(43.75)	20(39.21)	0.77	1.21	(0.55-2.64)
	GG	6(9.37)	5(9.80)	0.78	1.04	(0.28-3.80)
rs2066992	GG	44(70.96)	31(60.78)			
	GT	18(29.03)	20(39.21)	0.34	0.63	(0.29-1.38)
	TT	0	0	--	-----	----
<i>CCL1</i>						
rs2282691	TT	21(38.88)	23(50)			
	TA	28(51.85)	14(30.43)	0.086	2.19	(0.91-5.24)
	AA	15(27.77)	9(19.56)	0.36	1.82	(0.66-5.04)
<i>IL8</i>						
rs2227307	TT	26(40.62)	20(39.21)			
	TG	32(50)	23(45.01)	0.97	1.07	(0.48-2.36)
	GG	6(9.37)	8(15.68)	0.55	0.57	(0.17-1.93))
<i>LTA</i>						
rs909253	GG	29(44.61)	22(43.3)			
	GA	28(43.07)	23(45.09)	1.00	0.92	(0.42-2.01)
	AA	8(12.30)	6(11.76)	0.77	1.01	(0.30-3.34)

Association between different polymorphisms studied and influenza severity, the analyzed genotype and allele frequencies were

compared between hospitalized patients who required admission to the ICU and those who did not require admission. Abbreviations: OR:

odds ratio; CI: confidence interval

