Table S29. Association of benralizumab genetic polymorphisms with responders to at least one criterion.

Gene	SNPs	Genotype	N	Response		χ^2	p-value	Ref Cat	OR	CI 95%
				R N (%)	NR N (%)					
IL1RL1	rs1420101	CC	18	17 (94.4)	1 (5.6)		0.470*			
		CT	27	27 (100)	0 (0)					
		TT	6	6 (100)	0 (0)					
		C	45	44 (97.8)	1 (2.2)		1*			
		T	33	33 (100)	0 (0)		0.353*			
	rs17026974	AA	4	4 (100)	0 (0)		1*			
		AG	18	18 (100)	0 (0)					
		GG	29	28 (96.6)	1 (3.4)					
		A	22	22 (100)	0 (0)		1*			
		G	47	46 (97.9)	1 (2.1)		1*			
	rs1921622	AA	11	11 (100)	0 (0)		0.431*			
		AG	29	29 (100)	0 (0)					
		GG	11	10 (90.9)	1 (9.1)					
		A	40	40 (100)	0 (0)		0.216*			
		G	40	39 (97.5)	1 (2.5)		1*			
IL5	rs4143832	GG	33	32 (97)	1 (3)		1*			
		GT	13	13 (100)	0 (0)					
		TT	5	5 (100)	0 (0)					
		G	46	45 (97.8)	1 (2.2)		1*			
		T	18	18 (100)	0 (0)		1*			
	rs17690122	AA	36	35 (97.2)	1 (2.8)		1*			
		AG	11	11 (100)	0 (0)					
		GG	4	4 (100)	0 (0)					
		A	47	46 (97.9)	1 (2.1)		1*			
		G	15	15 (100)	0 (0)		1*			
GATA2	rs4857855	CC	37	36 (97.3)	1 (2.7)		1*			
		CT	12	12 (100)	0 (0)					
		TT	2	2 (100)	0 (0)					
		C	49	48 (98)	1 (2)		1*			
		T	14	14 (100)	0 (0)		1*			
IKZF2	rs12619285	AA	24	24 (100)	0 (0)		0.157*			
		AG	19	19 (100)	0 (0)					
		GG	8	7 (87.5)	1 (12.5)					
		A	43	43 (100)	0 (0)		0.157*			
		G	27	26 (96.3)	1 (3.7)		1*			
RAD50	rs11739623	CC	26	25 (96.2)	1 (3.8)		1*			
		CT	22	22 (100)	0 (0)					
		TT	3	3 (100)	0 (0)					
		C	48	47 (97.9)	1 (2.1)		1*			
		T	25	25 (100)	0 (0)		1*			
	rs4705959	CC	3	3 (100)	0 (0)		1*			
		CT	19	19 (100)	0 (0)					
		TT	29	28 (96.6)	1 (3.4)					
		C	21	21 (100)	0 (0)		1*			
		T	48	47 (97.9)	1 (2.1)		1*			
FCER1A	rs2251746	CC	5	5 (100)	0 (0)		1*			
		CT	17	17 (100)	0 (0)					
		TT	29	28 (96.6)	1 (3.4)					
		C	22	22 (100)	0 (0)		1*			
		T	46	45 (97.8)	1 (2.2)		1*			
	rs2427837	AA	5	5 (100)	0 (0)		1*			
		AG	15	15 (100)	0 (0)					
		GG	31	30 (96.8)	1 (3.2)					
		A	20	20 (100)	0 (0)		1*			
		G	46	45 (97.8)	1 (2.2)		1*			
FCER1B	rs1441586	CC	11	11 (100)	0 (0)		0.196*			
		CT	30	30 (100)	0 (0)					
		TT	10	9 (90)	1 (10)					
		C	41	41 (100)	0 (0)		0.196*			
		T	40	39 (97.5)	1 (2.5)		1*			
	rs573790	CC	21	21 (100)	0 (0)		1*			

Gene	SNPs	Genotype	N	Response		χ^2	p-value	Ref Cat	OR	CI 95%
				R N (%)	NR N (%)					
		CT	27	26 (96.3)	1 (3.7)					
		TT	3	3 (100)	0 (0)					
		C	48	47 (97.9)	1 (2.1)		1*			
		T	30	29 (96.1)	1 (3.3)		1*			
	rs569108	AA	46	45 (97.8)	1 (2.2)		1*			
		AG	5	5 (100)	0 (0)					
		GG	0	0 (0)	0 (0)					
		A	-	-	-					
		G	5	5 (100)	0 (0)		1*			
ZNF415	rs1054485	GG	16	15 (93.8)	1 (6.2)		0.549*			
		GT	23	23 (100)	0 (0)					
		TT	12	12 (100)	0 (0)					
		G	39	38 (97.4)	1 (2.6)		1*			
		T	35	35 (100)	0 (0)		0.314*			
FCGR2A	rs1801274	AA	13	13 (100)	0 (0)		1*			
		AG	26	25 (96.2)	1 (3.8)					
		GG	12	12 (100)	0 (0)					
		A	39	38 (97.4)	1 (2.6)		1*			
		G	38	37 (97.4)	1 (2.6)		1*			
FCGR2B	rs3219018	CC	-	-	-		0.417*			
		CG	20	19 (95)	1 (5)					
		GG	31	31 (100)	0 (0)					
		C	20	19 (95)	1 (5)		0.417*			
		G	-	-	-					
	rs1050501	CC	-	-	-		1*			
		CT	15	15 (100)	0 (0)					
		TT	36	35 (97.2)	1 (2.8)					
		C	15	15 (100)	0 (0)		1*			
		T	-	-	-					
FCGR3A	rs10127939	AA	45	44 (97.8)	1 (2.2)		1*			
		AC	5	5 (100)	0 (0)					
		CC	1	1 (100)	0 (0)					
		A	50	49 (98)	1 (2)		1*			
		C	6	6 (100)	0 (0)		1*			
	rs396991	AA	12	12 (100)	0 (0)		1*			
		CA	34	33 (97.1)	1 (2.9)					
		CC	5	5 (100)	0 (0)					
		A	46	45 (97.8)	1 (2.2)		1*			
		C	39	38 (97.4)	1 (2.6)		1*			

Ref. Cat., reference category; R, responder; NR, non-responder; OR, odds ratio; CI 95%, 95% confidence Interval 95%; *p-value for Fisher exact test.