

SUPPLEMENTARY DATA

Supplementary Table 1

Detailed information of the 10 *TLR10* variants

SNPs	Functional Consequence	Alleles	Location	Global MAF (frequency /count)	MAF in CHB (frequency /count)	HWE (in this study)
rs2101521	intron variant	G/A	Chr4:38811551	A=0.475/2380	A= 0.680/140	0.13
rs4129009	missense variant	T/C	Chr4:38774889	C=0.147/734	C=0.364/75	0.07
rs6841698	regulatory region variant	G/A	Chr4:38761714	A=0.415/2077	A= 0.466/96	0.17
rs7694115	intron variant	A/G	Chr4:38779094	G=0.488/2442	G=0.626/129	0.05
rs10004195	regulatory region variant	T/A	Chr4:38784724	A=0.374/1871	A=0.597/123	0.08
rs10024216	intergenic variant	G/A	Chr4:38764112	A=0.439/2200	A=0.636/131	0.09
rs10776483	synonymous variant	A/G	Chr4:38775040	G=0.299/1496	G=0.524/108	0.10
rs11466617	intron variant	T/C	Chr4:38780471	C=0.160/799	C= 0.432/89	0.10
rs11466651	missense variant	C/T	Chr4:38776320	T=0.096/481	T=0.092/19	0.81
rs11725309	intron variant	T/C	Chr4:38783848	C=0.174/870	C=0.515/106	0.06

SNPs, single nucleotide polymorphisms; MAF, minor allele frequency; CHB, Han Chinese in Beijing, China; HWE, Hardy–Weinberg equilibrium.

Supplementary Table 2

Genotype and allele frequencies of examined SNPs of *TLR10* in PIU patients and healthy controls

	SNPs	Genotype	PIU		Control		P value	Pc value	OR	95% CIs	
			Frequencies	n (%)	Frequencies	n (%)				Lower limit	Upper limit
1	rs10004195	AA	296	31.22	370	24.26	1.48×10^{-04}	4.44×10^{-03}	1.42	1.18	1.70
		AT	459	48.42	797	52.26	6.30×10^{-02}	NS	0.86	0.73	1.01
		TT	193	20.36	358	23.48	7.02×10^{-02}	NS	0.83	0.68	1.02
		A	1051	55.43	1537	50.39	5.61×10^{-04}	1.12×10^{-02}	1.22	1.09	1.37
		T	845	44.57	1513	49.61	5.61×10^{-04}	1.12×10^{-02}	0.82	0.73	0.92
2	rs10024216	GG	147	15.15	257	16.18	4.89×10^{-01}	NS	0.93	0.74	1.15
		GA	444	45.77	804	50.63	1.71×10^{-02}	NS	0.82	0.70	0.97
		AA	379	39.07	527	33.19	2.53×10^{-03}	NS	1.29	1.09	1.52
		G	738	38.04	1318	41.50	1.44×10^{-02}	NS	0.87	0.77	0.97
		A	1202	61.96	1858	58.50	1.44×10^{-02}	NS	1.16	1.03	1.30
3	rs10776483	AA	243	25.08	415	26.90	3.13×10^{-01}	NS	0.91	0.76	1.09
		AG	494	50.98	801	51.91	6.49×10^{-01}	NS	0.96	0.82	1.13
		GG	232	23.94	327	21.19	1.07×10^{-01}	NS	1.17	0.97	1.42
		A	980	50.57	1631	52.85	1.15×10^{-01}	NS	0.91	0.82	1.02
		G	958	49.43	1455	47.15	1.15×10^{-01}	NS	1.10	0.98	1.23
4	rs11466617	CC	187	19.36	226	14.87	3.37×10^{-03}	NS	1.37	1.11	1.70
		CT	443	45.86	759	49.93	4.75×10^{-02}	NS	0.85	0.72	1.00
		TT	336	34.78	535	35.20	8.33×10^{-01}	NS	0.98	0.83	1.16
		C	817	42.29	1211	39.84	8.63×10^{-02}	NS	1.11	0.99	1.24
		T	1115	57.71	1829	60.16	8.63×10^{-02}	NS	0.90	0.81	1.02

5	rs11466651	TT	8	0.83	6	0.39	1.50×10^{-01}	NS	2.14	0.74	6.19
		TC	135	14.06	189	12.32	2.08×10^{-01}	NS	1.17	0.92	1.48
		CC	817	85.10	1339	87.29	1.21×10^{-01}	NS	0.83	0.66	1.05
		T	151	7.86	201	6.55	7.81×10^{-02}	NS	1.22	0.98	1.52
		C	1769	92.14	2867	93.45	7.81×10^{-02}	NS	0.82	0.66	1.02
6	rs11725309	TT	271	28.00	467	30.40	1.98×10^{-01}	NS	0.89	0.75	1.06
		TC	469	48.45	792	51.56	1.29×10^{-01}	NS	0.88	0.75	1.04
		CC	228	23.55	277	18.03	8.02×10^{-04}	2.41×10^{-02}	1.40	1.15	1.71
		T	1011	52.22	1726	56.18	6.07×10^{-03}	NS	0.85	0.76	0.96
		C	925	47.78	1346	43.82	6.07×10^{-03}	NS	1.17	1.05	1.32
7	rs2101521	GG	128	13.39	272	18.06	2.19×10^{-03}	NS	0.70	0.56	0.88
		GA	456	47.70	770	51.13	9.71×10^{-02}	NS	0.87	0.74	1.03
		AA	372	38.91	464	30.81	3.51×10^{-05}	1.05×10^{-03}	1.43	1.21	1.70
		G	712	37.24	1314	43.63	9.05×10^{-06}	1.81×10^{-04}	0.77	0.68	0.86
		A	1200	62.76	1698	56.37	9.05×10^{-06}	1.81×10^{-04}	1.30	1.16	1.47
8	rs4129009	CC	150	15.87	176	11.73	3.37×10^{-03}	NS	1.42	1.12	1.80
		CT	414	43.81	722	48.13	3.69×10^{-02}	NS	0.84	0.71	0.99
		TT	381	40.32	602	40.13	9.28×10^{-01}	NS	1.01	0.85	1.19
		C	714	37.78	1074	35.80	1.62×10^{-01}	NS	1.09	0.97	1.23
		T	1176	62.22	1926	64.20	1.62×10^{-01}	NS	0.92	0.82	1.04
9	rs6841698	AA	241	25.05	283	18.56	1.10×10^{-04}	3.29×10^{-03}	1.47	1.21	1.78
		AG	431	44.80	778	51.02	2.53×10^{-03}	NS	0.78	0.66	0.92
		GG	290	30.15	464	30.43	8.82×10^{-01}	NS	0.99	0.83	1.18
		A	913	47.45	1344	44.07	1.94×10^{-02}	NS	1.15	1.02	1.29
		G	1011	52.55	1706	55.93	1.94×10^{-02}	NS	0.87	0.78	0.98

10	rs7694115	GG	364	37.72	503	32.14	4.07×10^{-03}	NS	1.28	1.08	1.51
		GA	456	47.25	801	51.18	5.49×10^{-02}	NS	0.85	0.73	1.00
		AA	145	15.03	261	16.68	2.72×10^{-01}	NS	0.88	0.71	1.1
		G	1184	61.35	1807	57.73	1.11×10^{-02}	NS	1.16	1.04	1.31
		A	746	38.65	1323	42.27	1.11×10^{-02}	NS	0.86	0.77	0.97

SNPs, single nucleotide polymorphisms; PIU, pediatric idiopathic uveitis; P_c value, Bonferroni corrected p value; OR, odds ratio; 95% CIs, 95% confidence intervals; NS, not significant.

Supplementary Table 3

Genotype and allele frequencies of examined SNPs of *TLR10* in Cataract+ group and healthy controls

	SNPs	Genotype	Cataract+		Control		P value	Pc value	OR	95% CIs	
			Frequencies	n (%)	Frequencies	n (%)				Lower limit	Upper limit
1	rs10004195	AA	109	26.85	370	24.26	2.84×10^{-01}	NS	1.15	0.89	1.47
		AT	210	51.72	797	52.26	8.47×10^{-01}	NS	0.98	0.79	1.22
		TT	87	21.43	358	23.48	3.84×10^{-01}	NS	0.89	0.68	1.16
		A	428	52.71	1537	50.39	2.41×10^{-01}	NS	1.10	0.94	1.28
		T	384	47.29	1513	49.61	2.41×10^{-01}	NS	0.91	0.78	1.06
2	rs10024216	GG	67	15.88	257	16.18	8.79×10^{-01}	NS	0.98	0.73	1.31
		GA	204	48.34	804	50.63	4.03×10^{-01}	NS	0.91	0.74	1.13
		AA	151	35.78	527	33.19	3.16×10^{-01}	NS	1.12	0.90	1.40
		G	338	40.05	1318	41.50	4.46×10^{-01}	NS	0.94	0.81	1.10
		A	506	59.95	1858	58.50	4.46×10^{-01}	NS	1.06	0.91	1.24
3	rs10776483	AA	107	25.72	415	26.90	6.31×10^{-01}	NS	0.94	0.74	1.20
		AG	207	49.76	801	51.91	4.36×10^{-01}	NS	0.92	0.74	1.14
		GG	102	24.52	327	21.19	1.45×10^{-01}	NS	1.21	0.94	1.56
		A	421	50.60	1631	52.85	2.49×10^{-01}	NS	0.91	0.78	1.07
		G	411	49.40	1455	47.15	2.49×10^{-01}	NS	1.09	0.94	1.28
4	rs11466617	CC	76	18.18	226	14.87	9.81×10^{-02}	NS	1.27	0.96	1.69
		CT	191	45.69	759	49.93	1.25×10^{-01}	NS	0.84	0.68	1.05
		TT	151	36.12	535	35.20	7.26×10^{-01}	NS	1.04	0.83	1.30
		C	343	41.03	1211	39.84	5.33×10^{-01}	NS	1.05	0.9	1.23
		T	493	58.97	1829	60.16	5.33×10^{-01}	NS	0.95	0.81	1.11
5	rs11466651	TT	5	1.21	6	0.39	0.06	NS	3.13	0.95	10.30

		TC	63	15.29	189	12.32	1.11×10^{-01}	NS	1.28	0.94	1.75
		CC	344	83.50	1339	87.29	4.56×10^{-02}	NS	0.74	0.55	0.99
		T	73	8.86	201	6.55	2.15×10^{-02}	NS	1.39	1.05	1.83
		C	751	91.14	2867	93.45	2.15×10^{-02}	NS	0.72	0.55	0.95
6	rs11725309	TT	127	30.46	467	30.40	9.84×10^{-01}	NS	1.00	0.79	1.27
		TC	200	47.96	792	51.56	1.92×10^{-01}	NS	0.87	0.70	1.08
		CC	90	21.58	277	18.03	9.99×10^{-02}	NS	1.25	0.96	1.63
		T	454	54.44	1726	56.18	3.67×10^{-01}	NS	0.93	0.8	1.09
		C	380	45.56	1346	43.82	3.67×10^{-01}	NS	1.07	0.92	1.25
7	rs2101521	GG	54	13.24	272	18.06	2.14×10^{-02}	NS	0.69	0.51	0.95
		GA	206	50.49	770	51.13	8.19×10^{-01}	NS	0.97	0.78	1.21
		AA	148	36.27	464	30.81	3.58×10^{-02}	NS	1.28	1.02	1.61
		G	314	38.48	1314	43.63	8.36×10^{-03}	NS	0.81	0.69	0.95
		A	502	61.52	1698	56.37	8.36×10^{-03}	NS	1.24	1.06	1.45
8	rs4129009	CC	59	14.53	176	11.73	1.28×10^{-01}	NS	1.28	0.93	1.76
		CT	168	41.38	722	48.13	1.55×10^{-02}	NS	0.76	0.61	0.95
		TT	179	44.09	602	40.13	1.51×10^{-01}	NS	1.18	0.94	1.47
		C	286	35.22	1074	35.80	7.60×10^{-01}	NS	0.98	0.83	1.15
		T	526	64.78	1926	64.20	7.60×10^{-01}	NS	1.03	0.87	1.21
9	rs6841698	AA	140	33.73	283	18.56	3.16×10^{-11}	9.48×10^{-10}	2.23	1.76	2.84
		AG	173	41.69	778	51.02	7.49×10^{-04}	2.25×10^{-02}	0.69	0.55	0.85
		GG	102	24.58	464	30.43	2.01×10^{-02}	NS	0.75	0.58	0.96
		A	453	54.58	1344	44.07	7.24×10^{-08}	1.45×10^{-06}	1.53	1.31	1.78
		G	377	45.42	1706	55.93	7.24×10^{-08}	1.45×10^{-06}	0.66	0.56	0.76
1	rs7694115	GG	148	35.84	503	32.14	1.55×10^{-01}	NS	1.18	0.94	1.48

0	GA	207	50.12	801	51.18	7.01×10^{-01}	NS	0.96	0.77	1.19
	AA	58	14.04	261	16.68	1.95×10^{-01}	NS	0.82	0.6	1.11
	G	503	60.90	1807	57.73	1.01×10^{-01}	NS	1.14	0.97	1.33
	A	323	39.10	1323	42.27	1.01×10^{-01}	NS	0.88	0.75	1.03

SNPs, single nucleotide polymorphisms; +, having this feature; Pc value, Bonferroni corrected p value; OR, odds ratio; 95% CIs, 95% confidence intervals; NS, not significant.

Supplementary Table 4

Genotype and allele frequencies of examined SNPs of *TLR10* in BK+ group and healthy controls

	SNPs	Genotype	BK+		Control		P value	Pc value	OR	95% CIs	
			Frequencies	n (%)	Frequencies	n (%)				Lower limit	Upper limit
1	rs10004195	AA	94	30.72	370	24.26	1.78×10^{-02}	NS	1.38	1.06	1.81
		AT	152	49.67	797	52.26	4.08×10^{-01}	NS	0.90	0.71	1.15
		TT	60	19.61	358	23.48	1.41×10^{-01}	NS	0.80	0.59	1.08
		A	340	55.56	1537	50.39	1.97×10^{-02}	NS	1.23	1.03	1.47
		T	272	44.44	1513	49.61	1.97×10^{-02}	NS	0.81	0.68	0.97
2	rs10024216	GG	42	13.17	257	16.18	1.76×10^{-01}	NS	0.79	0.55	1.12
		GA	152	47.65	804	50.63	3.31×10^{-01}	NS	0.89	0.70	1.13
		AA	125	39.18	527	33.19	3.93×10^{-02}	NS	1.30	1.01	1.66
		G	236	36.99	1318	41.50	3.45×10^{-02}	NS	0.83	0.69	0.99
		A	402	63.01	1858	58.50	3.45×10^{-02}	NS	1.21	1.01	1.44
3	rs10776483	AA	72	22.71	415	26.90	1.23×10^{-01}	NS	0.80	0.60	1.06
		AG	157	49.53	801	51.91	4.39×10^{-01}	NS	0.91	0.71	1.16
		GG	88	27.76	327	21.19	1.05×10^{-02}	NS	1.43	1.09	1.88
		A	301	47.48	1631	52.85	1.36×10^{-02}	NS	0.81	0.68	0.96
		G	333	52.52	1455	47.15	1.36×10^{-02}	NS	1.24	1.05	1.47
4	rs11466617	CC	67	21.20	226	14.87	5.15×10^{-03}	NS	1.54	1.14	2.09
		CT	151	47.78	759	49.93	4.87×10^{-01}	NS	0.92	0.72	1.17
		TT	98	31.01	535	35.20	1.54×10^{-01}	NS	0.83	0.64	1.07
		C	285	45.09	1211	39.84	1.43×10^{-02}	NS	1.24	1.04	1.47
		T	347	54.91	1829	60.16	1.43×10^{-02}	NS	0.81	0.68	0.96
5	rs11466651	TT	3	0.97	6	0.39	1.80×10^{-01}	NS	2.50	0.62	10.04

		TC	44	14.24	189	12.32	3.54×10^{-01}	NS	1.18	0.83	1.68
		CC	262	84.79	1339	87.29	2.35×10^{-01}	NS	0.81	0.57	1.15
		T	50	8.09	201	6.55	1.66×10^{-01}	NS	1.26	0.91	1.73
		C	568	91.91	2867	93.45	1.66×10^{-01}	NS	0.80	0.58	1.1
6	rs11725309	TT	90	28.48	467	30.40	4.97×10^{-01}	NS	0.91	0.70	1.19
		TC	147	46.52	792	51.56	1.02×10^{-01}	NS	0.82	0.64	1.04
		CC	79	25.00	277	18.03	4.21×10^{-03}	NS	1.52	1.14	2.02
		T	327	51.74	1726	56.18	4.06×10^{-02}	NS	0.84	0.70	0.99
		C	305	48.26	1346	43.82	4.06×10^{-02}	NS	1.20	1.01	1.42
7	rs2101521	GG	39	12.66	272	18.06	2.20×10^{-02}	NS	0.66	0.46	0.94
		GA	147	47.73	770	51.13	2.77×10^{-01}	NS	0.87	0.68	1.12
		AA	122	39.61	464	30.81	2.62×10^{-03}	NS	1.47	1.14	1.9
		G	225	36.53	1314	43.63	1.16×10^{-03}	2.32×10^{-02}	0.74	0.62	0.89
		A	391	63.47	1698	56.37	1.16×10^{-03}	2.32×10^{-02}	1.34	1.12	1.61
8	rs4129009	CC	49	16.01	176	11.73	3.88×10^{-02}	NS	1.43	1.02	2.02
		CT	135	44.12	722	48.13	2.00×10^{-01}	NS	0.85	0.66	1.09
		TT	122	39.87	602	40.13	9.32×10^{-01}	NS	0.99	0.77	1.27
		C	233	38.07	1074	35.80	2.86×10^{-01}	NS	1.10	0.92	1.32
		T	379	61.93	1926	64.20	2.86×10^{-01}	NS	0.91	0.76	1.09
9	rs6841698	AA	88	28.21	283	18.56	1.10×10^{-04}	3.30×10^{-03}	1.72	1.31	2.28
		AG	133	42.63	778	51.02	6.93×10^{-03}	NS	0.71	0.56	0.91
		GG	91	29.17	464	30.43	6.59×10^{-01}	NS	0.94	0.72	1.23
		A	309	49.52	1344	44.07	1.26×10^{-02}	NS	1.25	1.05	1.48
		G	315	50.48	1706	55.93	1.26×10^{-02}	NS	0.80	0.68	0.95
10	rs7694115	GG	122	38.98	503	32.14	1.91×10^{-02}	NS	1.35	1.05	1.73

	GA	153	48.88	801	51.18	4.57×10^{-01}	NS	0.91	0.72	1.16
	AA	38	12.14	261	16.68	4.52×10^{-02}	NS	0.69	0.48	0.99
	G	397	63.42	1807	57.73	8.34×10^{-03}	NS	1.27	1.06	1.52
	A	229	36.58	1323	42.27	8.34×10^{-03}	NS	0.79	0.66	0.94

SNPs, single nucleotide polymorphisms; BK, band keratopathy; +, having this feature; Pc value, Bonferroni corrected p value; OR, odds ratio; 95% CIs, 95% confidence intervals; NS, not significant.

Supplementary Table 5

Genotype and allele frequencies of examined SNPs of *TLR10* in JIA-PU patients and healthy controls

	SNPs	Genotype	JIA-PU		Control		P value	Pc value	OR	95% CIs	
			Frequencies	n (%)	Frequencies	n (%)				Lower limit	Upper limit
1	rs10004195	AA	36	29.51	370	24.26	1.96×10^{-01}	NS	1.31	0.87	1.96
		AT	63	51.64	797	52.26	8.95×10^{-01}	NS	0.98	0.67	1.41
		TT	23	18.85	358	23.48	2.44×10^{-01}	NS	0.76	0.47	1.21
		A	135	55.33	1537	50.39	1.38×10^{-01}	NS	1.22	0.94	1.59
		T	109	44.67	1513	49.61	1.38×10^{-01}	NS	0.82	0.63	1.07
2	rs10024216	GG	20	16.00	257	16.18	9.57×10^{-01}	NS	0.99	0.60	1.62
		GA	68	54.40	804	50.63	4.17×10^{-01}	NS	1.16	0.81	1.68
		AA	37	29.60	527	33.19	4.11×10^{-01}	NS	0.85	0.57	1.26
		G	108	43.20	1318	41.50	5.99×10^{-01}	NS	1.07	0.83	1.39
		A	142	56.80	1858	58.50	5.99×10^{-01}	NS	0.93	0.72	1.21
3	rs10776483	AA	30	24.79	415	26.90	6.15×10^{-01}	NS	0.90	0.58	1.37
		AG	70	57.85	801	51.91	2.08×10^{-01}	NS	1.27	0.87	1.85
		GG	21	17.36	327	21.19	3.18×10^{-01}	NS	0.78	0.48	1.27
		A	130	53.72	1631	52.85	7.95×10^{-01}	NS	1.04	0.8	1.35
		G	112	46.28	1455	47.15	7.95×10^{-01}	NS	0.97	0.74	1.26
4	rs11466617	CC	18	14.88	226	14.87	9.98×10^{-01}	NS	1.00	0.60	1.68
		CT	63	52.07	759	49.93	6.52×10^{-01}	NS	1.09	0.75	1.58
		TT	40	33.06	535	35.20	6.35×10^{-01}	NS	0.91	0.61	1.35
		C	99	40.91	1211	39.84	7.43×10^{-01}	NS	1.05	0.8	1.37
		T	143	59.09	1829	60.16	7.43×10^{-01}	NS	0.96	0.73	1.25
5	rs11466651	TT	1	0.80	6	0.39	4.23×10^{-01}	NS	2.05	0.25	17.19

		TC	10	8.00	189	12.32	1.53×10^{-01}	NS	0.62	0.32	1.20
		CC	114	91.20	1339	87.29	2.02×10^{-01}	NS	1.51	0.80	2.85
		T	12	4.80	201	6.55	2.77×10^{-01}	NS	0.72	0.40	1.31
		C	238	95.20	2867	93.45	2.77×10^{-01}	NS	1.39	0.77	2.53
6	rs11725309	TT	31	25.62	467	30.40	2.69×10^{-01}	NS	0.79	0.52	1.20
		TC	64	52.89	792	51.56	7.78×10^{-01}	NS	1.06	0.73	1.53
		CC	26	21.49	277	18.03	3.44×10^{-01}	NS	1.24	0.79	1.96
		T	126	52.07	1726	56.18	2.14×10^{-01}	NS	0.85	0.65	1.10
		C	116	47.93	1346	43.82	2.14×10^{-01}	NS	1.18	0.91	1.53
7	rs2101521	GG	14	11.67	272	18.06	7.66×10^{-02}	NS	0.60	0.34	1.06
		GA	61	50.83	770	51.13	9.50×10^{-01}	NS	0.99	0.68	1.43
		AA	45	37.50	464	30.81	1.28×10^{-01}	NS	1.35	0.92	1.98
		G	89	37.08	1314	43.63	4.89×10^{-02}	NS	0.76	0.58	1.00
		A	151	62.92	1698	56.37	4.89×10^{-02}	NS	1.31	1.00	1.72
8	rs4129009	CC	12	9.68	176	11.73	4.92×10^{-01}	NS	0.81	0.44	1.49
		CT	61	49.19	722	48.13	8.20×10^{-01}	NS	1.04	0.72	1.51
		TT	51	41.13	602	40.13	8.28×10^{-01}	NS	1.04	0.72	1.51
		C	85	34.27	1074	35.80	6.30×10^{-01}	NS	0.94	0.71	1.23
		T	163	65.73	1926	64.20	6.30×10^{-01}	NS	1.07	0.81	1.41
9	rs6841698	AA	31	25.00	283	18.56	7.89×10^{-02}	NS	1.46	0.96	2.24
		AG	55	44.35	778	51.02	1.54×10^{-01}	NS	0.77	0.53	1.11
		GG	38	30.65	464	30.43	9.59×10^{-01}	NS	1.01	0.68	1.50
		A	117	47.18	1344	44.07	3.43×10^{-01}	NS	1.13	0.88	1.47
		G	131	52.82	1706	55.93	3.43×10^{-01}	NS	0.88	0.68	1.14
10	rs7694115	GG	39	31.20	503	32.14	8.28×10^{-01}	NS	0.96	0.65	1.42

		GA	70	56.00	801	51.18	3.00×10^{-01}	NS	1.21	0.84	1.75
		AA	16	12.80	261	16.68	2.60×10^{-01}	NS	0.73	0.43	1.26
		G	148	59.20	1807	57.73	6.51×10^{-01}	NS	1.06	0.82	1.38
		A	102	40.80	1323	42.27	6.51×10^{-01}	NS	0.94	0.72	1.22

SNPs, single-nucleotide polymorphisms; JIA-PU, juvenile idiopathic arthritis associated pediatric uveitis; Pc value, Bonferroni corrected p value; OR, odds ratio; 95% CIs, 95% confidence intervals; NS, not significant.

Supplementary Table 6

The results of rs2101521, rs10004195, rs11725309 and rs6841698 in previous studies and this study

<i>TLR10</i> -SNPs	Previous study				This study			
	Diseases	Alleles/Genotype	P value	OR(95% CIs)	Diseases	Alleles/Genotype	Pc value	OR(95% CIs)
rs2101521	Allergy ⁽³⁸⁾	A	5.3×10 ⁻²¹	1.15(1.11-1.18)	PIU	A	1.81×10 ⁻⁴	1.30(1.16-1.47)
		G				G	1.81×10 ⁻⁴	0.77(0.68-0.86)
		AA				AA	1.05×10 ⁻⁰³	1.43(1.21-1.70)
rs10004195	Childhood ATID ⁽²²⁾	T	0.02	2.8(1.4-5.6)	PIU	A	1.12×10 ⁻²	1.22(1.09-1.37)
		AA	0.02	0.4 (0.2-0.7)		T	1.12×10 ⁻²	0.82(0.73-0.92)
	childhood IgAN ⁽³⁹⁾	TA	0.016	1.97(1.25–3.12)		AA	4.44×10 ⁻⁰³	1.42(1.18-1.70)
		AA	0.044	1.99(1.17–3.38)				
		Dominant model (AA/TA vs. TT)	0.0068	1.98(1.28-3.06)				
rs11725309	Organic dust-mediated cytokine response ⁽⁴⁰⁾	Dominant model (CC/TC vs. TT)	<0.0001	--	PIU	CC	2.41×10 ⁻²	1.40(1.15-1.71)
rs6841698	CD ⁽²⁶⁾	G	0.0052	1.33(1.09-1.63)	PIU	AA	3.29×10 ⁻³	1.47(1.21-1.78)

SNPs, single-nucleotide polymorphisms; PIU, pediatric idiopathic uveitis; Pc value, Bonferroni corrected p value; OR, odds ratio; 95% CIs, confidence interval; ATID, autoimmune thyroid disease; IgAN, IgA nephropathy; CD, Crohn's disease.