

**Supplementary Table 2.** Association results of 14 candidate SNPs selected from KD patients older than 5 years of age

Locus	Chr	SNP	Risk allele	Collection	KD (age > 5 y) vs. Controls				KD (age ≤ 5 y) vs. Controls			
					No. (case/control)	RAF (case/control)	OR (95% CI)	p-value	No. (case/control)	RAF (case/control)	OR (95% CI)	p-value
<i>SLAMF1</i>	1	rs2295613	T	GWAS	45/1,000	0.422/0.259	2.09 (1.36–3.21)	6.08 × 10 <sup>-4</sup>	251/1,000	0.285/0.259	1.14 (0.92–1.42)	0.240
				Replication	48/3,553	0.177/0.267	0.59 (0.35–1.00)	0.048				
				Combined	93/4,553	0.296/0.265	1.16 (0.85–1.60)	0.351				
<i>IL28RA</i>	1	rs7552086	A	GWAS	45/1,000	0.600/0.370	2.55 (1.66–3.93)	1.09 × 10 <sup>-5</sup>	251/1,000	0.376/0.370	1.03 (0.84–1.26)	0.788
				Replication	48/3,553	0.344/0.361	0.93 (0.61–1.42)	0.732				
				Combined	93/4,553	0.468/0.363	1.54 (1.15–2.07)	0.003				
<i>INPP5D</i>	2	rs4663337	G	GWAS	45/1,000	0.089/0.016	6.00 (2.68–13.43)	7.93 × 10 <sup>-7</sup>	251/1,000	0.022/0.016	1.38 (0.69–2.75)	0.362
				Replication	48/3,553	0.031/0.020	1.57 (0.49–5.02)	0.442				
				Combined	93/4,553	0.059/0.019	3.21 (1.71–6.01)	1.19 × 10 <sup>-4</sup>				
<i>IRAK2</i>	3	rs2302862	G	GWAS	45/1,000	0.289/0.143	2.44 (1.52–3.91)	1.45 × 10 <sup>-4</sup>	251/1,000	0.151/0.143	1.07 (0.81–1.41)	0.633
				Replication	48/3,553	0.135/0.145	0.92 (0.51–1.66)	0.789				
				Combined	93/4,553	0.210/0.145	1.57 (1.10–2.24)	0.013				
<i>IL33</i>	9	rs12349559	C	GWAS	45/1,000	0.244/0.121	2.36 (1.43–3.89)	5.24 × 10 <sup>-4</sup>	251/1,000	0.112/0.121	0.92 (0.67–1.25)	0.580
				Replication	48/3,553	0.056/0.112	0.47 (0.19–1.16)	0.093				
				Combined	93/4,553	0.150/0.113	1.38 (0.91–2.09)	0.127				
<i>NFIL3</i>	9	rs13297268	A	GWAS	45/1,000	0.133/0.042	3.51 (1.84–6.69)	5.23 × 10 <sup>-5</sup>	251/1,000	0.036/0.042	0.85 (0.50–1.42)	0.531
				Replication	48/3,553	0.083/0.059	1.46 (0.70–3.02)	0.312				
				Combined	93/4,553	0.108/0.055	2.07 (1.29–3.31)	0.002				
<i>CXCL12</i>	10	rs800314	G	GWAS	45/1,000	0.189/0.077	2.89 (1.66–5.03)	9.12 × 10 <sup>-5</sup>	251/1,000	0.094/0.077	1.26 (0.89–1.77)	0.191
				Replication	186/3,553	0.104/0.091	1.16 (0.82–1.65)	0.407				
				Combined	231/4,553	0.122/0.088	1.44 (1.07–1.93)	0.014				
<i>CIRL</i>	12	rs11613834	A	GWAS	45/1,000	0.122/0.029	4.75 (2.40–9.40)	9.47 × 10 <sup>-7</sup>	251/1,000	0.038/0.029	1.34 (0.79–2.28)	0.275
				Replication	48/3,553	0.042/0.031	1.36 (0.49–3.72)	0.554				
				Combined	93/4,553	0.081/0.031	2.79 (1.62–4.79)	1.08 × 10 <sup>-4</sup>				
<i>KLRD1</i>	12	rs2270238	T	GWAS	45/1,000	0.589/0.371	2.42 (1.58–3.72)	3.26 × 10 <sup>-5</sup>	251/1,000	0.378/0.371	1.03 (0.84–1.26)	0.772
				Replication	48/3,553	0.351/0.368	0.93 (0.61–1.42)	0.737				
				Combined	93/4,553	0.467/0.369	1.50 (1.12–2.01)	0.006				
<i>FAM174B</i>	15	rs8033443	T	GWAS	45/1,000	0.367/0.173	2.78 (1.78–4.33)	2.85 × 10 <sup>-6</sup>	251/1,000	0.185/0.173	1.09 (0.85–1.41)	0.501
				Replication	48/3,553	0.167/0.193	0.84 (0.49–1.43)	0.513				
				Combined	93/4,553	0.263/0.189	1.54 (1.11–2.14)	0.010				
<i>DYNLRB2</i>	16	rs1401197	T	GWAS	45/1,000	0.089/0.010	9.66 (4.13–22.58)	1.92 × 10 <sup>-10</sup>	251/1,000	0.016/0.010	1.60 (0.70–3.66)	0.258
				Replication	48/3,553	0.135/0.117	1.18 (0.66–2.14)	0.573				
				Combined	93/4,553	0.199/0.114	1.92 (1.34–2.77)	3.61 × 10 <sup>-4</sup>				
<i>HS3ST4</i>	16	rs3112543	G	GWAS	45/1,000	0.267/0.110	3.08 (1.89–5.03)	2.20 × 10 <sup>-6</sup>	251/1,000	0.108/0.110	1.02 (0.74–1.40)	0.893

				Replication	48/3,553	0.021/0.013	1.64 (0.40–6.76)	0.489				
				Combined	93/4,553	0.054/0.012	4.60 (2.37–8.95)	7.38 x 10 <sup>-7</sup>				
<i>MAFB</i>	20	rs6029245	C	GWAS	45/1,000	0.133/0.032	4.65 (2.41–8.97)	5.18 x 10 <sup>-7</sup>	251/1,000	0.042/0.032	1.32 (0.80–2.18)	0.279
				Replication	48/3,553	0.022/0.035	0.62 (0.15–2.55)	0.506				
				Combined	93/4,553	0.078/0.035	2.36 (1.35–4.12)	0.002				
<i>ZBED4</i>	22	rs2295407	A	GWAS	45/1,000	0.144/0.038	4.33 (2.31–8.15)	7.74 x 10 <sup>-7</sup>	251/1,000	0.040/0.038	1.07 (0.64–1.76)	0.806
				Replication	48/3,553	0.052/0.053	0.98 (0.40–2.42)	0.962				
				Combined	93/4,553	0.097/0.050	2.05 (1.25–3.36)	0.004				

SNP, single nucleotide polymorphism; KD, Kawasaki disease; Chr, chromosome; RAF, risk allele frequency; OR, odds ratio; 95% CI, 95% confidence interval; GWAS, genome-wide association study.