

Supplementary Table 4. The effect of *LEF1* (rs4365796; risk allele: T) genotypes on clinical parameters of KD patients in KD age subgroups (either KD ≤0.5 y or KD ≥0.5 y)

Clinical variable	Clinical subgroup	KD ≤0.5 y (n = 118)			KD >0.5 y (n = 1,538)		
		CC (n=102)	CT/TT (n=16/0)	p-value	CC (n=1,457)	CT/TT (n=80/1)	p-value
Age (y)		0.4 (0.3–0.5)	0.3 (0.3–0.5)	0.311	2.7 (1.5–4.2)	2.8 (1.9–4.4)	0.108
Sex, n (%):							
Male		64 (62.7)	10 (62.6)	0.985	863 (59.2)	52 (62.2)	0.376
Female		38 (37.2)	6 (37.5)		594 (40.8)	29 (35.8)	
Type of KD, n (%):							
iKD		29 (28.4)	5 (31.3)	0.835	372 (25.5)	15 (18.5)	0.184
cKD		72 (70.6)	11 (68.8)		1,078 (74.0)	64 (79)	
IVIG response, n (%):							
Responder		95 (93.1)	14 (87.5)	0.430	1,207 (82.8)	63 (77.8)	0.310
Non-responder		7 (6.9)	2 (12.5)		197 (13.5)	14 (17.3)	
Coronary artery lesion							
Normal		86 (84.3)	14 (87.5)	0.742	1,130 (77.6)	69 (85.2)	0.050
CAL		16 (15.7)	2 (12.5)		318 (21.8)	10 (12.4)	
Baseline laboratory finding							
CRP (mg/L)		6.7 (4.0–9.7)	6.3 (2.6–12.6)	0.786	6.5 (3.4–10.9)	8.5 (3.8–14.7)	0.032
ESR (mm/hr)		41.0 (25.5–61.0)	35.0 (17.0–81.3)	0.890	54.0 (36.0–75.0)	51.0 (36.5–84.0)	0.743
WBC (10^9 /L)		14.6 (12.1–18.4)	15.0 (11.6–17.4)	0.847	13.3 (10.5–16.5)	12.7 (9.5–15.9)	0.247
Neutrophil (%)		54.6 (46.9–63.9)	49.0 (40.4–67.3)	0.571	65.8 (53.1–76.3)	69.2 (54.0–78.8)	0.281
Neutrophil (10^9 /L)		7.8 (5.9–10.8)	8.7 (5.4–10.0)	0.751	8.4 (6.1–11.4)	8.3 (4.9–11.6)	0.476
Non-neutrophil (10^9 /L)		6.5 (4.8–8.4)	6.3 (4.6–7.9)	0.864	4.3 (3.0–5.8)	3.9 (2.8–5.4)	0.054
Platelet (10^9 /L)		374.5 (315.8–458.3)	406.0 (332.5–508.0)	0.389	325.0 (271.0–393.0)	331.0 (274.0–401.0)	0.652
Hb (g/L)		10.9 (10.2–11.5)	10.9 (10.3–11.5)	0.691	11.5 (10.9–12.1)	11.6 (11.1–12.2)	0.183
Albumin (mg/dL)		4.0 (3.6–4.2)	4.0 (3.9–4.2)	0.420	3.9 (3.6–4.1)	3.9 (3.5–4.1)	0.493
AST (IU/L)		33.0 (25.0–48.0)	34.0 ([28.3–60.3])	0.385	34.0 (25.0–70.0)	37.0 (27.0–67.0)	0.467
ALT (IU/L)		26.0 (19.0–48.0)	24.5 (17.3–33.3)	0.448	27.0 (14.0–108.8)	42.0 (17.0–103.0)	0.089
Total protein (mg/dL)		6.2 (5.9–6.4)	6.1 (5.9–6.6)	0.719	6.6 (6.3–7.0)	6.6 (6.3–7.0)	0.791

The results for the categorical variables are presented as numbers and percentages in parentheses. For the normality test of the continuous variables, the Kolmogorov-Smirnov test was used. The continuous variables were found to be non-normally distributed and described by median and interquartile range in brackets. The difference between the groups was tested by Chi-square test for the categorical variables and Mann-Whitney test for the continuous variables.

A p-value of < 0.05 was considered as statistically significant. Significant p-values (p < 0.05) are shown in bold.

KD, Kawasaki disease; iKD, incomplete KD; cKD, complete KD; IVIG, intravenous immunoglobulin; CAL, coronary artery lesion; CRP, C-reactive protein; ESR, erythrocyte sedimentation rate; WBC, white blood cell; Hb, hemoglobin; AST, aspartate aminotransferase; ALT, alanine aminotransferase.