Supplemental Table S8. Allele Frequencies of HLA-DPA1 in Patients with ICI-T1DM

Allele	ICI-T1DM (*n*=14)					ICI-controls (*n*=26)			Controls (*n*=1,536)[a]	ICI-T1DM vs. ICI-controls			ICI-controls vs. controls
	Number	F, %	*P* value[b]	OR	95% CI	Number	F, %	*P* value[b]	F, %	*P* value[b]	OR	95% CI	*P* value[b]
DPA1*01:03	2	14.3	NS			14	53.8	NS	40.30	NS			NS
DPA1*02:01	0	0.0	NS			2	7.7	NS	16.02	NS			NS
DPA1*02:02	11	78.6	0.021[c]	4.67	1.23–17.76	10	38.5	NS	43.52	0.022[c]	5.87	1.31--26.33	NS
DPA1*02:07	1	7.1	NS			0	0.0	NS	0.00	NS			NS
Others	0	0.0	NS			0	0.0	NS	0.16	NS			NS
Total	14	100.00				26	72.22		100.00				

Alleles with frequencies more than 1.0% in controls were included to the analysis (4 alleles).

HLA-DPA1, human leukocyte antigen DPA1; ICI-T1DM, immune-checkpoint inhibitor-induced type 1 diabetes mellitus; F, frequency of the allele; OR, odds ratio; CI, confidence interval; NS, not significant.

[a]Control subjects: Japanese Society for Histocompatibility and Immunogenetics (http://jshi.umin.ac.jp/standarization/file/JSHI-hyokiallele-2021list.pdf) (JSHI2021) [16]; [b]The association of haplotype frequencies with each disease was analyzed using Fisher's exact test with 2×2 contingency tables; [c]*P* values less than 0.05.