

**Supplemental Table S2.** Distribution of HLA alleles in patients with Peripheral T-cell lymphoma not otherwise specified (PTCL-NOS) and the control group. Comparison of the most important HLA alleles at the 4-digit level between patients and the control group.

Allele	Cases n1=32	Controls n2=100	P-value	OR	95% interval	Confidence
	number	number	Chi-square or Fisher's test		Low	Upper
HLA-A*01:01	6	14	.514	.747	.313	1.781
HLA-A*02:01	7	24	.805	1.097	.522	2.304
HLA-A*02:02	0	2	1.000	.980	.953	1.008
HLA-A*03:01	2	12	.516	1.920	.454	8.128
HLA-A*11:01	5	2	.009	.128	.026	.628
HLA-A*23:01	1	0	.242	1.032	.970	1.099
HLA-A*24:02	4	6	.255	.480	.144	1.595
HLA-A*25:01	0	4	.572	.960	.922	.999
HLA-A*26:01	1	3	1.000	.960	.103	8.909
HLA-A*29:01	0	1	1.000	.990	.971	1.010
HLA-A*29:02	0	4	.572	.960	.922	.999
HLA-A*30:01	1	4	1.000	1.280	.148	11.042
HLA-A*30:02	0	1	1.000	.990	.971	1.010
HLA-A*30:04	0	1	1.000	.990	.971	1.010
HLA-A*31:01	1	5	1.000	1.600	.194	13.195
HLA-A*32:01	0	1	1.000	.990	.971	1.010
HLA-A*33:01	1	2	.568	.640	.060	6.827
HLA-A*33:03	1	0	.242	1.032	.970	1.099
HLA-A*66:01	1	1	.427	.320	.021	4.971
HLA-A*66:02	0	2	1.000	.980	.953	1.008
HLA-A*68:01	1	0	.242	1.032	.970	1.099
HLA-A*68:02	0	5	0.335	.950	.908	.994

HLA-B*07:02	2	5	.676	.800	.163	3.926
HLA-B*08:01	2	8	1.000	1.280	.286	5.722
HLA-B*13:02	4	4	.097	1.097	.957	1.258
HLA-B*14:01	0	1	1.000	.990	.971	1.010
HLA-B*14:02	2	1	.146	.160	.015	1.707
HLA-B*15:01	0	1	1.000	.990	.971	1.010
HLA-B*15:10	0	1	1.000	.990	.971	1.010
HLA-B*18:01	2	8	1.000	1.280	.286	5.722
HLA-B*18:03	0	1	1.000	.990	.971	1.010
HLA-B*18:04	0	1	1.000	.990	.971	1.010
HLA-B*18:05	0	2	1.000	.980	.953	1.008
HLA-B*27:02	0	1	1.000	.990	.971	1.010
HLA-B*27:05	0	2	1.000	.980	.953	1.008
HLA-B*35:01	3	3	.153	.320	.068	1.508
HLA-B*35:02	0	6	.335	.940	.895	.988
HLA-B*35:03	3	3	.153	.320	.068	1.508
HLA-B*35:08	2	0	1.067	.975	1.166	1.067
HLA-B*37:01	0	1	1.000	.990	.971	1.010
HLA-B*38:01	0	1	1.000	.990	.971	1.010
HLA-B*39:01	0	1	1.000	.990	.971	1.010
HLA-B*39:06	1	0	.242	1.032	.970	1.099
HLA-B*40:02	0	4	.572	.960	.922	.999
HLA-B*40:06	0	1	1.000	.990	.971	1.010
HLA-B*41:01	0	3	1.000	.970	.937	1.004
HLA-B*41:02	1	2	.568	.640	.060	6.827
HLA-B*44:02	0	4	.572	.960	.922	.999
HLA-B*44:03	1	6	1.000	1.920	.240	15.357
HLA-B*49:01	0	3	1.000	.970	.937	1.004
HLA-B*51:01	0	8	.198	.920	.868	.975

HLA-B*52:01	3	4	.359	.427	.101	1.806
HLA-B*55:01	1	4	1.000	1.280	.148	11.042
HLA-B*56:01	1	0	.242	1.032	.970	1.099
HLA-B*57:01	0	1	1.000	.990	.971	1.010
HLA-B*58:01	2	1	.146	.160	.015	1.707
HLA-B*58:02	0	1	1.000	.990	.971	1.010
HLA-B*59:01	0	1	1.000	.990	.971	1.010
HLA-B*81:01	0	6	.335	.940	.895	.988
HLA-C*01:02	3	7	.704	.747	.205	2.720
HLA-C*02:02	1	0	.242	1.032	.970	1.099
HLA-C*03:03	0	2	1.000	.980	.953	1.008
HLA-C*03:04	1	1	.427	.320	.021	4.971
HLA-C*04:01	6	18	.924	.960	.417	2.210
HLA-C*05:01	0	2	1.000	.980	.953	1.008
HLA-C*06:02	4	7	.461	.560	.175	1.790
HLA-C*07:01	3	15	.560	1.600	.495	5.176
HLA-C*07:02	3	5	.401	.533	.135	2.109
HLA-C*07:04	0	1	1.000	.990	.971	1.010
HLA-C*08:02	2	2	.247	.320	.047	2.181
HLA-C*12:02	6	0	.0001	1.231	1.042	1.454
HLA-C*12:03	1	8	.687	2.560	.333	19.696
HLA-C*12:12	0	1	1.000	.990	.971	1.010
HLA-C*15:02	1	2	.568	.640	.060	6.827
HLA-C*15:13	0	2	1.000	.980	.953	1.008
HLA-C*16:01	0	4	.572	.960	.922	.999
HLA-C*16:02	0	1	1.000	.990	.971	1.010
HLA-C*16:04	0	1	1.000	.990	.971	1.010
HLA-C*17:01	0	2	1.000	.980	.953	1.008
HLA-C*17:03	1	3	1.000	.960	.103	8.909

HLA-C*18:01	0	1	1.000	.990	.971	1.010
HLA-DPB1*01:01	0	9	.133	.910	.856	.968
HLA-DPB1*02:01	2	14	.355	2.240	.538	9.333
HLA-DPB1*02:02	0	1	1.000	.990	.971	1.010
HLA-DPB1*03:01	5	10	.358	.640	.236	1.734
HLA-DPB1*04:01	7	31	.376	1.417	.692	2.903
HLA-DPB1*04:02	5	15	.932	.960	.379	2.434
HLA-DPB1*05:01	0	4	.572	.960	.922	.999
HLA-DPB1*09:01	1	2	.568	.640	.060	6.827
HLA-DPB1*10:01	0	3	1.000	.970	.937	1.004
HLA-DPB1*13:01	0	1	1.000	.990	.971	1.010
HLA-DPB1*14:01	0	1	1.000	.990	.971	1.010
HLA-DPB1*17:01	0	3	1.000	.970	.937	1.004
HLA-DPB1*18:01	0	1	1.000	.990	.971	1.010
HLA-DPB1*23:01	0	1	1.000	.990	.971	1.010
HLA-DPB1*104:01	0	3	1.000	.970	.937	1.004
HLA-DPB1*105:01	0	1	1.000	.990	.971	1.010
HLA-DQB1*02:01	3	12	1.000	1.280	.385	4.254
HLA-DQB1*02:02	5	10	.358	1.667	.524	5.298
HLA-DQB1*03:01	8	21	.630	.840	.413	1.709
HLA-DQB1*03:02	1	3	1.000	.960	.103	8.909
HLA-DQB1*03:19	0	1	1.000	.990	.971	1.010
HLA-DQB1*04:02	0	3	1.000	.970	.937	1.004
HLA-DQB1*05:01	3	9	1.000	.960	.277	3.332
HLA-DQB1*05:02	5	14	.779	.896	.350	2.295
HLA-DQB1*05:03	1	5	1.000	1.600	.194	13.195
HLA-DQB1*05:04	0	1	1.000	.990	.971	1.010

HLA-DQB1*06:01	3	2	.092	.213	.037	1.221
HLA-DQB1*06:02	1	7	.679	2.240	.286	17.525
HLA-DQB1*06:03	1	5	1.000	1.600	.194	13.195
HLA-DQB1*06:04	1	3	1.000	.960	.103	8.909
HLA-DQB1*06:09	0	1	1.000	.990	.971	1.010
HLA-DRB1*01:01	1	7	.679	2.240	.286	17.525
HLA-DRB1*01:02	1	0	.242	1.032	.970	1.099
HLA-DRB1*03:01	3	13	.760	1.387	.422	4.561
HLA-DRB1*03:02	0	1	1.000	.990	.971	1.010
HLA-DRB1*04:01	0	3	1.000	.970	.937	1.004
HLA-DRB1*04:04	2	0	.057	1.067	.975	1.166
HLA-DRB1*04:05	0	1	1.000	.990	.971	1.010
HLA-DRB1*07:01	5	13	.769	.832	.321	2.155
HLA-DRB1*08:01	0	2	1.000	.980	.953	1.008
HLA-DRB1*10:01	0	2	1.000	.980	.953	1.008
HLA-DRB1*11:01	4	2	.03	.160	.031	.833
HLA-DRB1*11:02	0	2	1.000	.980	.953	1.008
HLA-DRB1*11:03	0	1	1.000	.990	.971	1.010
HLA-DRB1*11:04	2	11	.733	1.760	.412	7.526
HLA-DRB1*12:01	1	2	.568	.640	.060	6.827
HLA-DRB1*13:01	1	5	1.000	1.600	.194	13.195
HLA-DRB1*13:02	0	6	.335	.940	.895	.988
HLA-DRB1*13:03	1	3	1.000	.960	.103	8.909
HLA-DRB1*13:05	0	1	1.000	.990	.971	1.010
HLA-DRB1*14:01	0	1	1.000	.990	.971	1.010
HLA-DRB1*14:04	0	1	1.000	.990	.971	1.010
HLA-DRB1*14:54	1	4	1.000	1.280	.148	11.042
HLA-DRB1*15:01	0	7	.194	.930	.881	.981
HLA-DRB1*15:02	4	3	.059	.240	.057	1.016

<b>HLA-DRB1*16:01</b>	5	7	.162	.448	.153	1.314
<b>HLA-DRB1*16:02</b>	1	1	.427	.320	.021	4.971

\* Statistical significance was determined after calculating the *p*-value, OR (odds ratio), and CI (confidence interval). The chi-square test or Fisher's test was used to estimate the differences between the patient and control groups; *n*: number of alleles in the patient and control groups.