

Table SII. Comparison of frequency of haplotypes according to the algorithms expectation-maximization (EM) and Excoffier-Laval-Balding (ELB) between cutaneous T-cell lymphoma patients and healthy controls and between patients in different stages of the disease (p-Fisher's exact test)

	Algorithm EM/ELB							
	AAA	AAG	AGA	AGG	GAA	GAG	GGA	GGG
Patients vs. healthy control	0.392/1,000	0.282/1,000	1,000/0.234	0.285/0.407	0.422/0.136	0.558/0.756	0.234/0.252	0.776/1,000
IA vs. IB	0.466/0.466	–	0.127/0.056	0.335/0.244	0.598/0.804	0.047/0.043	0.421/0.421	0.637/0.637
IA vs. IIB	1,000/1,000	–	0.155/0.097	0.553/0.308	0.155/0.313	0.173/0.567	0.709/0.709	1,000/1,000
IA vs. III	1,000/1,000	–	0.143/0.071	1,000/0.577	0.623/1,000	1,000/1,000	1,000/1,000	0.183/0.183
IA vs. IV	1,000/1,000	–	0.641/0.324	1,000/1,000	0.382/0.679	0.582/0.575	1,000/1,000	1,000/1,000
IB vs. IIB	1,000/1,000	–	1,000/0.756	1,000/1,000	0.329/0.352	1,000/1,000	1,000/1,000	0.524/0.524
IB vs. III	1,000/1,000	–	0.687/0.675	1,000/1,000	1,000/1,000	0.267/0.142	0.601/0.601	0.1800.180
IB vs. IV	1,000/1,000	–	0.710/1,000	0.317/0.439	0.690/0.708	1,000/1,000	0.645/0.645	0.710/0.710
IIB vs. III	1,000/1,000	–	1,000/1,000	1,000/1,000	0.667/0.667	0.333/0.333	0.578/0.578	0.525/0.525
IIB vs. IV	1,000/1,000	–	0.667/0.667	0.384/0.384	1,000/1,000	1,000/1,000	0.625/0.625	1,000/1,000
III vs. IV	1,000/1,000	–	0.607/0.607	1,000/1,000	1,000/1,000	0.444/0.444	1,000/1,000	0.477/0.477
Early vs. advanced stages	1,000/1,000	–	0.481/0.227	1,000/0.443	0.159/0.359	0.443/1,000	1,000/1,000	0.234/0.234
IA vs. other	0.338/0.338	–	0.078/0.021	0.335/0.118	0.264/0.517	0.017/0.044	0.463/0.463	1,000/1,000