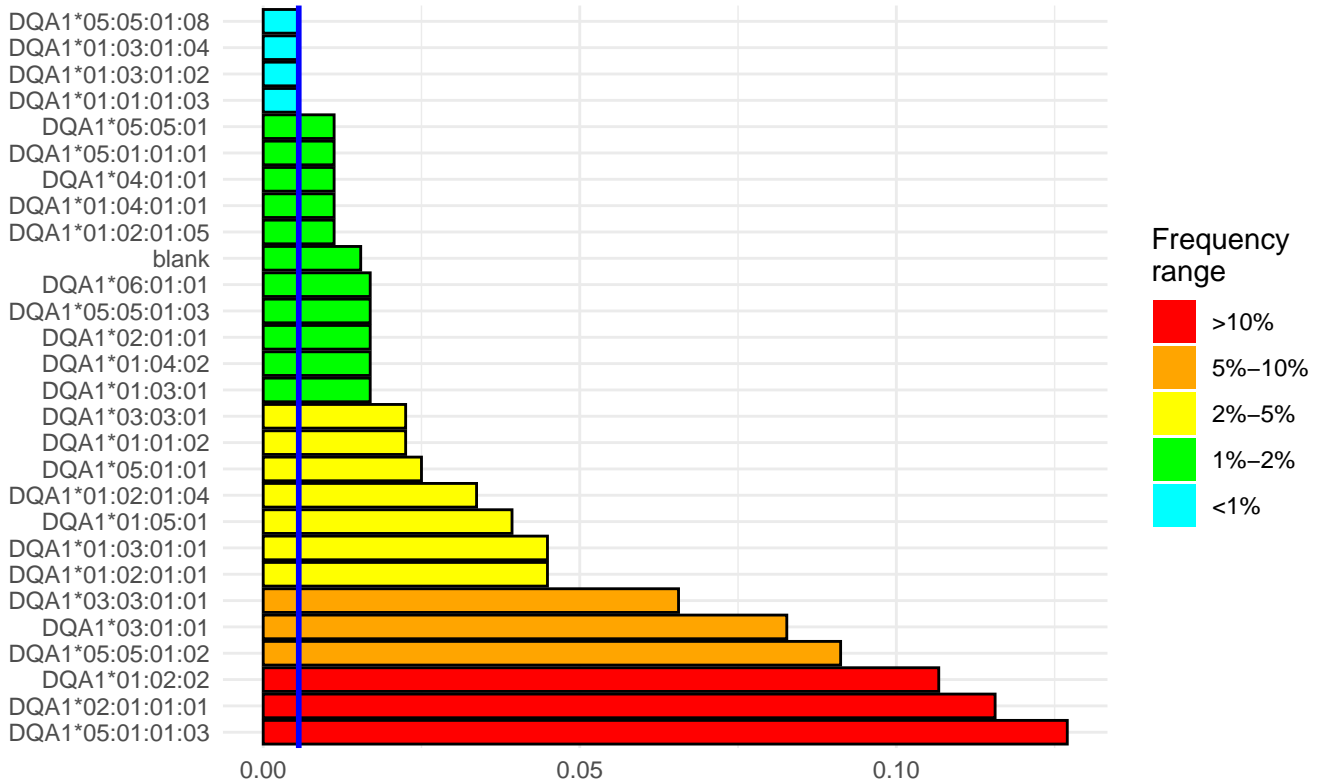


Summary results for HLA-DQA1 in EMI



Sample size: 89

Estimated heterozygosity: 0.9289

Hardy-Weinberg equilibrium test p-value: 0.8698198

Ewens-Watterson-Slatkin neutrality test: FDR p.adj min: 0.025 max: 0.050

Follows the complete list of alleles, including those with lower and null frequencies not shown before.

	Allele or Haplotype Name	Frequency Estimate
1	DQA1*01:03:01:04	0.0056
2	DQA1*01:01:01:03	0.0056
3	DQA1*01:03:01:02	0.0056
4	DQA1*05:05:01:08	0.0056
5	DQA1*04:01:01	0.0112
6	DQA1*01:02:01:05	0.0112
7	DQA1*01:04:01:01	0.0112
8	DQA1*05:01:01:01	0.0112
9	DQA1*05:05:01	0.0112
10	blank	0.0154
11	DQA1*06:01:01	0.0169
12	DQA1*01:04:02	0.0169
13	DQA1*05:05:01:03	0.0169
14	DQA1*02:01:01	0.0169
15	DQA1*01:03:01	0.0169
16	DQA1*01:01:02	0.0225
17	DQA1*03:03:01	0.0225
18	DQA1*05:01:01	0.0250
19	DQA1*01:02:01:04	0.0337
20	DQA1*01:05:01	0.0393
21	DQA1*01:02:01:01	0.0449
22	DQA1*01:03:01:01	0.0449
23	DQA1*03:03:01:01	0.0656
24	DQA1*03:01:01	0.0827
25	DQA1*05:05:01:02	0.0912
26	DQA1*01:02:02	0.1067
27	DQA1*02:01:01:01	0.1156
28	DQA1*05:01:01:03	0.1270