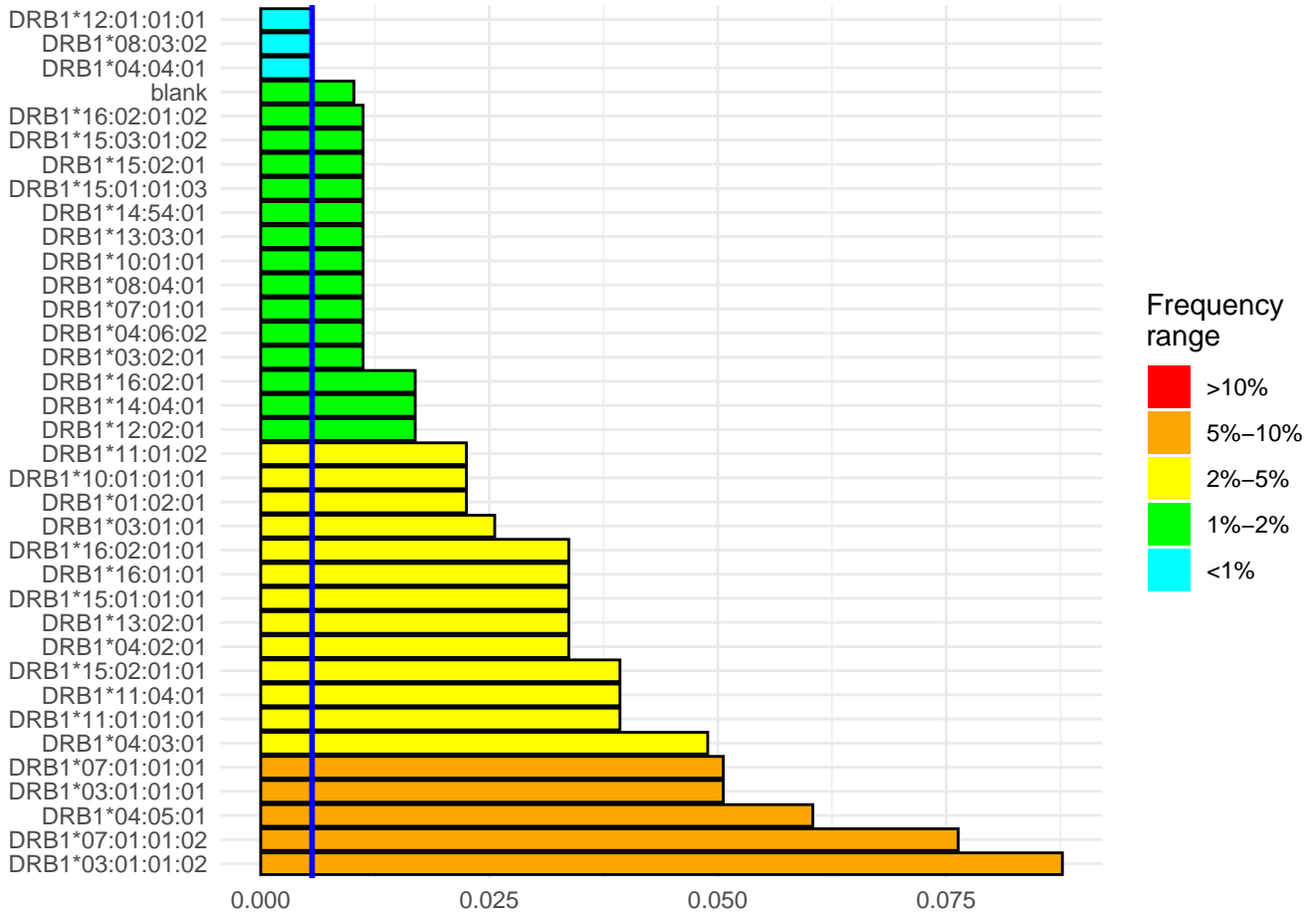


Summary results for HLA-DRB1 in EMI



Sample size: 89

Estimated heterozygosity: 0.9602

Hardy-Weinberg equilibrium test p-value: 0.9273117

Ewens-Watterson-Slatkin neutrality test: FDR p.adj min: 0.003 max: 0.203

There are 8 low frequency alleles or haplotypes not shown above.

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

	Allele or Haplotype Name	Frequency Estimate
1	DRB1*04:04:01	0.0056
2	DRB1*12:01:01:01	0.0056
3	DRB1*08:03:02	0.0056
4	DRB1*01:01:01	0.0056
5	DRB1*11:02:01	0.0056
6	DRB1*13:01:01:01	0.0056
7	DRB1*15:02:01:02	0.0056
8	DRB1*15:01:01:02	0.0056
9	DRB1*04:01:01:01	0.0056
10	DRB1*16:01	0.0056
11	DRB1*13:01:01	0.0056
12	blank	0.0102
13	DRB1*13:03:01	0.0112
14	DRB1*08:04:01	0.0112
15	DRB1*03:02:01	0.0112
16	DRB1*15:03:01:02	0.0112
17	DRB1*14:54:01	0.0112
18	DRB1*04:06:02	0.0112
19	DRB1*16:02:01:02	0.0112
20	DRB1*15:01:01:03	0.0112
21	DRB1*07:01:01	0.0112
22	DRB1*10:01:01	0.0112
23	DRB1*15:02:01	0.0112
24	DRB1*12:02:01	0.0169
25	DRB1*14:04:01	0.0169
26	DRB1*16:02:01	0.0169
27	DRB1*11:01:02	0.0225
28	DRB1*10:01:01:01	0.0225
29	DRB1*01:02:01	0.0225
30	DRB1*03:01:01	0.0256
31	DRB1*13:02:01	0.0337
32	DRB1*16:02:01:01	0.0337
33	DRB1*15:01:01:01	0.0337
34	DRB1*04:02:01	0.0337
35	DRB1*16:01:01	0.0337
36	DRB1*11:01:01:01	0.0393

	Allele or Haplotype Name	Frequency Estimate
37	DRB1*11:04:01	0.0393
38	DRB1*15:02:01:01	0.0393
39	DRB1*04:03:01	0.0489
40	DRB1*07:01:01:01	0.0506
41	DRB1*03:01:01:01	0.0506
42	DRB1*04:05:01	0.0604
43	DRB1*07:01:01:02	0.0763
44	DRB1*03:01:01:02	0.0877