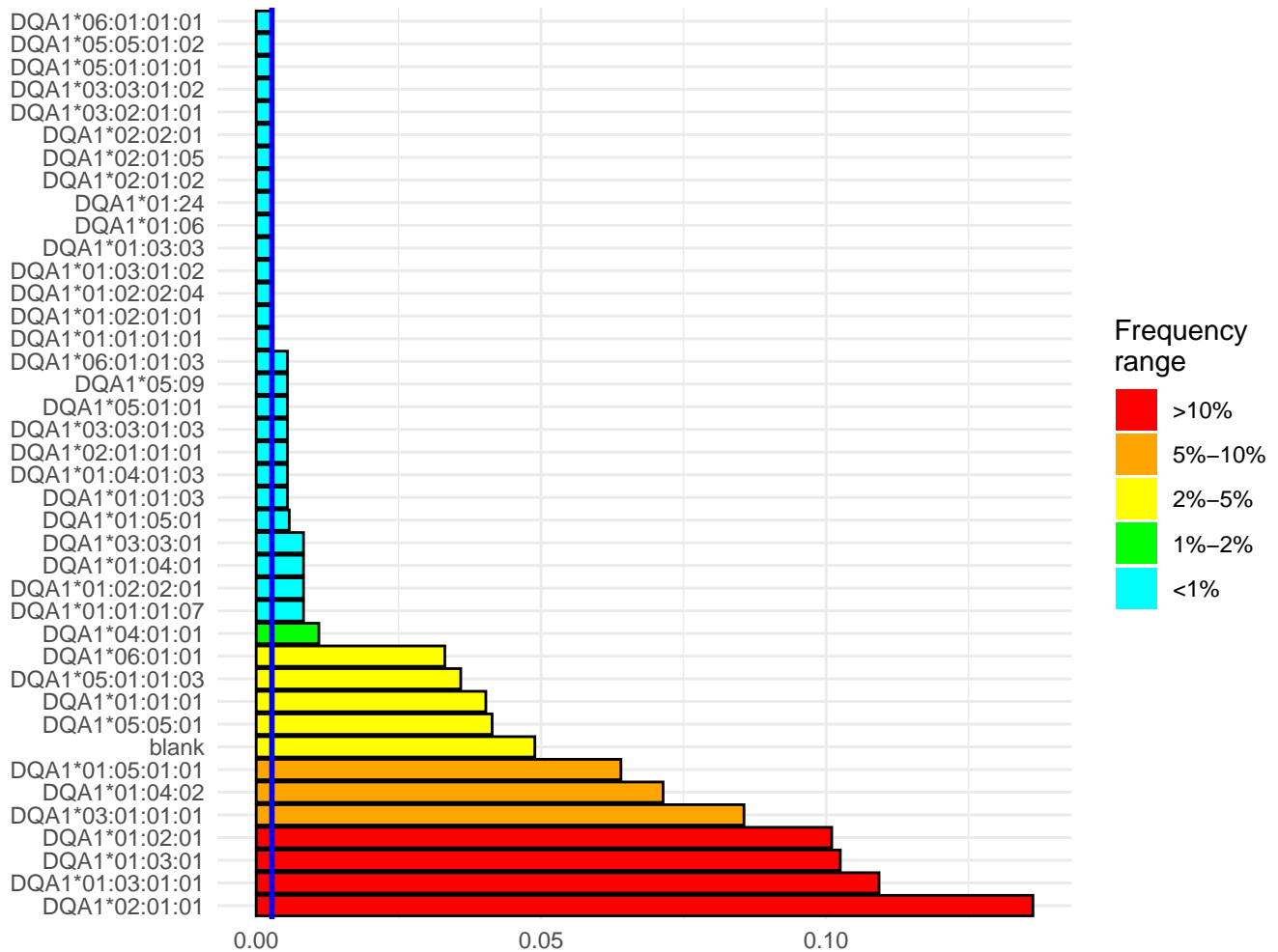


## Summary results for HLA-DQA1 in WesternIndia



Sample size: 181

Estimated heterozygosity: 0.9234

Hardy–Weinberg equilibrium test p-value: 0.1192164

Ewens–Watterson–Slatkin neutrality test: FDR p.adj min: 0.856 max: 0.999

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

	Allele or Haplotype Name	Frequency Estimate
1	DQA1*02:02:01	0.0028
2	DQA1*01:03:03	0.0028
3	DQA1*01:01:01:01	0.0028
4	DQA1*05:05:01:02	0.0028
5	DQA1*02:01:02	0.0028
6	DQA1*05:01:01:01	0.0028
7	DQA1*02:01:05	0.0028
8	DQA1*01:03:01:02	0.0028
9	DQA1*01:02:01:01	0.0028
10	DQA1*01:06	0.0028
11	DQA1*06:01:01:01	0.0028
12	DQA1*03:02:01:01	0.0028
13	DQA1*03:03:01:02	0.0028
14	DQA1*01:02:02:04	0.0028
15	DQA1*01:24	0.0028
16	DQA1*05:09	0.0055
17	DQA1*01:01:03	0.0055
18	DQA1*02:01:01:01	0.0055
19	DQA1*01:04:01:03	0.0055
20	DQA1*05:01:01	0.0055
21	DQA1*03:03:01:03	0.0055
22	DQA1*06:01:01:03	0.0055
23	DQA1*01:05:01	0.0058
24	DQA1*03:03:01	0.0083
25	DQA1*01:02:02:01	0.0083
26	DQA1*01:04:01	0.0083
27	DQA1*01:01:01:07	0.0083
28	DQA1*04:01:01	0.0110
29	DQA1*06:01:01	0.0331
30	DQA1*05:01:01:03	0.0359
31	DQA1*01:01:01	0.0403
32	DQA1*05:05:01	0.0414
33	blank	0.0489
34	DQA1*01:05:01:01	0.0640
35	DQA1*01:04:02	0.0714
36	DQA1*03:01:01:01	0.0856

	Allele or Haplotype Name	Frequency Estimate
37	DQA1*01:02:01	0.1010
38	DQA1*01:03:01	0.1025
39	DQA1*01:03:01:01	0.1093
40	DQA1*02:01:01	0.1363