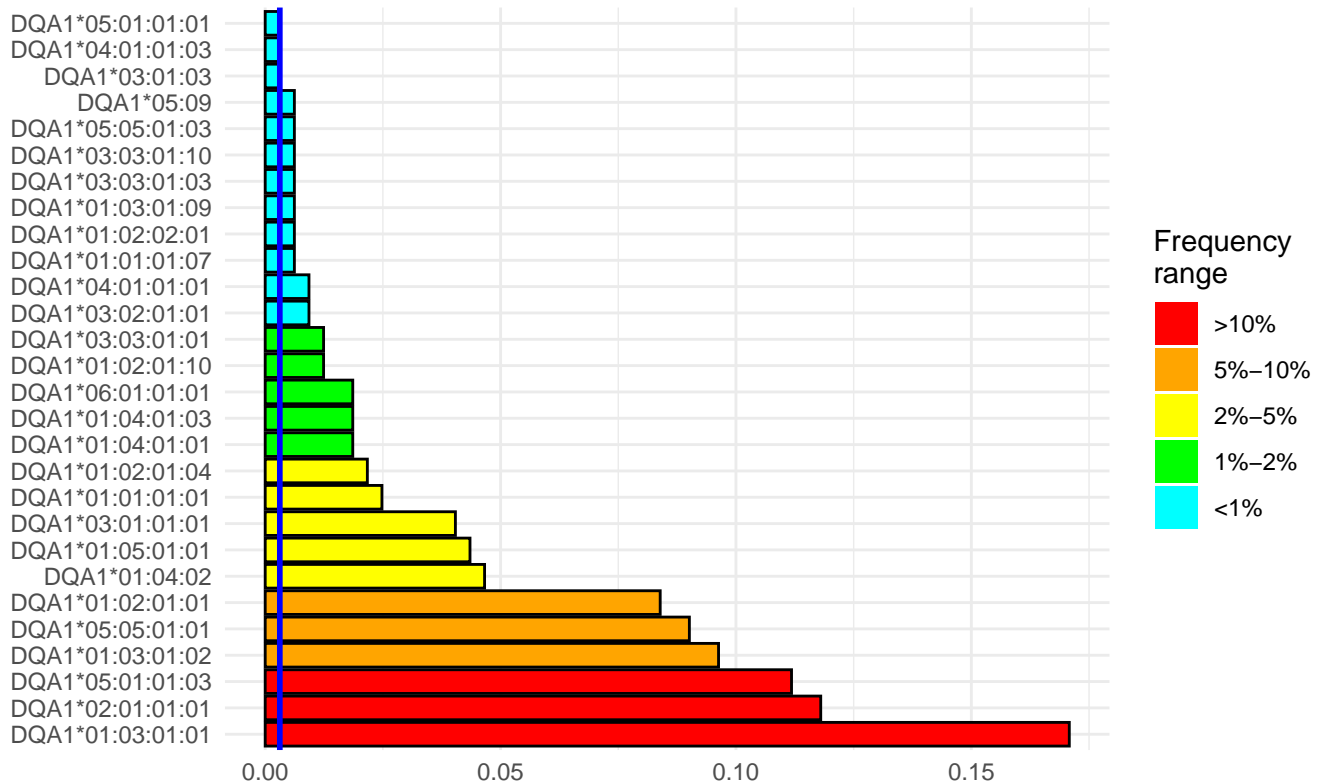


Summary results for HLA-DQA1 in Punjab-Khatri



Sample size: 161

Estimated heterozygosity: 0.9114

Hardy-Weinberg equilibrium test p-value: 1

Ewens-Watterson-Slatkin neutrality test: FDR p.adj min: 0.195 max: 0.960

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

	Allele or Haplotype Name	Frequency Estimate
1	DQA1*03:01:03	0.0031
2	DQA1*04:01:01:03	0.0031
3	DQA1*05:01:01:01	0.0031
4	DQA1*01:03:01:09	0.0062
5	DQA1*05:05:01:03	0.0062
6	DQA1*01:02:02:01	0.0062
7	DQA1*05:09	0.0062
8	DQA1*01:01:01:07	0.0062
9	DQA1*03:03:01:03	0.0062
10	DQA1*03:03:01:10	0.0062
11	DQA1*04:01:01:01	0.0093
12	DQA1*03:02:01:01	0.0093
13	DQA1*01:02:01:10	0.0124
14	DQA1*03:03:01:01	0.0124
15	DQA1*06:01:01:01	0.0186
16	DQA1*01:04:01:01	0.0186
17	DQA1*01:04:01:03	0.0186
18	DQA1*01:02:01:04	0.0217
19	DQA1*01:01:01:01	0.0248
20	DQA1*03:01:01:01	0.0404
21	DQA1*01:05:01:01	0.0435
22	DQA1*01:04:02	0.0466
23	DQA1*01:02:01:01	0.0839
24	DQA1*05:05:01:01	0.0901
25	DQA1*01:03:01:02	0.0963
26	DQA1*05:01:01:03	0.1118
27	DQA1*02:01:01:01	0.1180
28	DQA1*01:03:01:01	0.1708