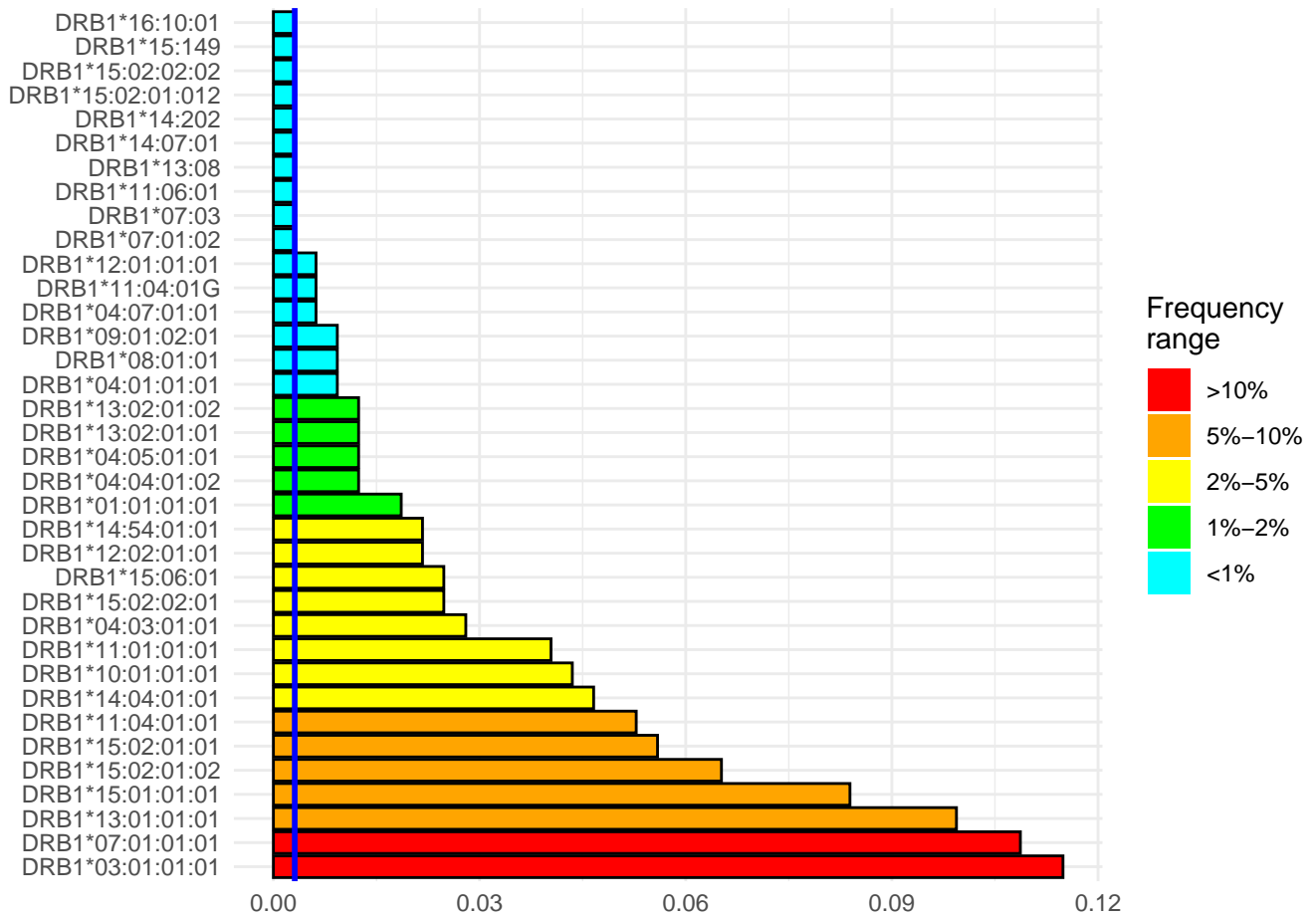


Summary results for HLA-DRB1 in Punjab-Khatri



Sample size: 161

Estimated heterozygosity: 0.9377

Hardy-Weinberg equilibrium test p-value: 0.0722771

Ewens-Watterson-Slatkin neutrality test: FDR p.adj min: 0.322 max: 0.993

There are 7 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*07:03	0.0031
2	DRB1*15:149	0.0031
3	DRB1*13:08	0.0031
4	DRB1*16:10:01	0.0031
5	DRB1*11:06:01	0.0031
6	DRB1*14:07:01	0.0031
7	DRB1*14:202	0.0031
8	DRB1*15:02:01:012	0.0031
9	DRB1*07:01:02	0.0031
10	DRB1*15:02:02:02	0.0031
11	DRB1*05:03:01:01	0.0031
12	DRB1*06:01:01:01	0.0031
13	DRB1*08:02:01:01	0.0031
14	DRB1*14:04:01G	0.0031
15	DRB1*15:02:01G	0.0031
16	DRB1*07:80	0.0031
17	DRB1*11:84:01	0.0031
18	DRB1*12:01:01:01	0.0062
19	DRB1*04:07:01:01	0.0062
20	DRB1*11:04:01G	0.0062
21	DRB1*04:01:01:01	0.0093
22	DRB1*08:01:01	0.0093
23	DRB1*09:01:02:01	0.0093
24	DRB1*13:02:01:01	0.0124
25	DRB1*13:02:01:02	0.0124
26	DRB1*04:05:01:01	0.0124
27	DRB1*04:04:01:02	0.0124
28	DRB1*01:01:01:01	0.0186
29	DRB1*12:02:01:01	0.0217
30	DRB1*14:54:01:01	0.0217
31	DRB1*15:02:02:01	0.0248
32	DRB1*15:06:01	0.0248
33	DRB1*04:03:01:01	0.0280
34	DRB1*11:01:01:01	0.0404
35	DRB1*10:01:01:01	0.0435
36	DRB1*14:04:01:01	0.0466

	Allele or Haplotype Name	Frequency Estimate
37	DRB1*11:04:01:01	0.0528
38	DRB1*15:02:01:01	0.0559
39	DRB1*15:02:01:02	0.0652
40	DRB1*15:01:01:01	0.0839
41	DRB1*13:01:01:01	0.0994
42	DRB1*07:01:01:01	0.1087
43	DRB1*03:01:01:01	0.1149