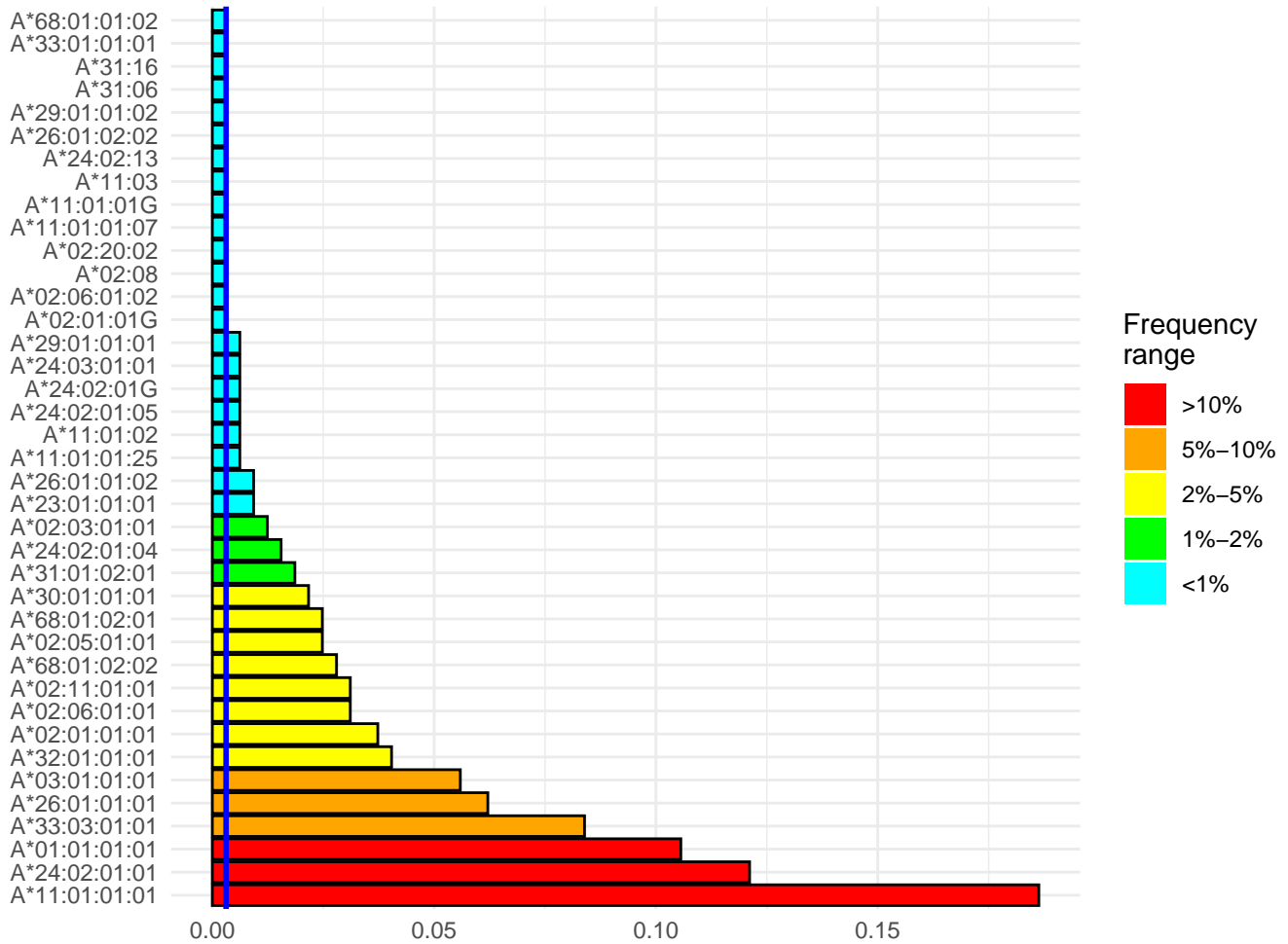


Summary results for HLA-A in Punjab-Khatri



Sample size: 161

Estimated heterozygosity: 0.9167

Hardy-Weinberg equilibrium test p-value: 0.001633396

Ewens-Watterson-Slatkin neutrality test: FDR p.adj min: 0.587 max: 0.998

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

	Allele or Haplotype Name	Frequency Estimate
1	A*31:06	0.0031
2	A*02:06:01:02	0.0031
3	A*31:16	0.0031
4	A*02:20:02	0.0031
5	A*68:01:01:02	0.0031
6	A*24:02:13	0.0031
7	A*11:03	0.0031
8	A*33:01:01:01	0.0031
9	A*26:01:02:02	0.0031
10	A*02:08	0.0031
11	A*29:01:01:02	0.0031
12	A*02:01:01G	0.0031
13	A*11:01:01G	0.0031
14	A*11:01:01:07	0.0031
15	A*11:01:02	0.0062
16	A*24:03:01:01	0.0062
17	A*29:01:01:01	0.0062
18	A*24:02:01:05	0.0062
19	A*11:01:01:25	0.0062
20	A*24:02:01G	0.0062
21	A*26:01:01:02	0.0093
22	A*23:01:01:01	0.0093
23	A*02:03:01:01	0.0124
24	A*24:02:01:04	0.0155
25	A*31:01:02:01	0.0186
26	A*30:01:01:01	0.0217
27	A*68:01:02:01	0.0248
28	A*02:05:01:01	0.0248
29	A*68:01:02:02	0.0280
30	A*02:11:01:01	0.0311
31	A*02:06:01:01	0.0311
32	A*02:01:01:01	0.0373
33	A*32:01:01:01	0.0404
34	A*03:01:01:01	0.0559
35	A*26:01:01:01	0.0621
36	A*33:03:01:01	0.0839

	Allele or Haplotype Name	Frequency Estimate
37	A*01:01:01:01	0.1056
38	A*24:02:01:01	0.1211
39	A*11:01:01:01	0.1863