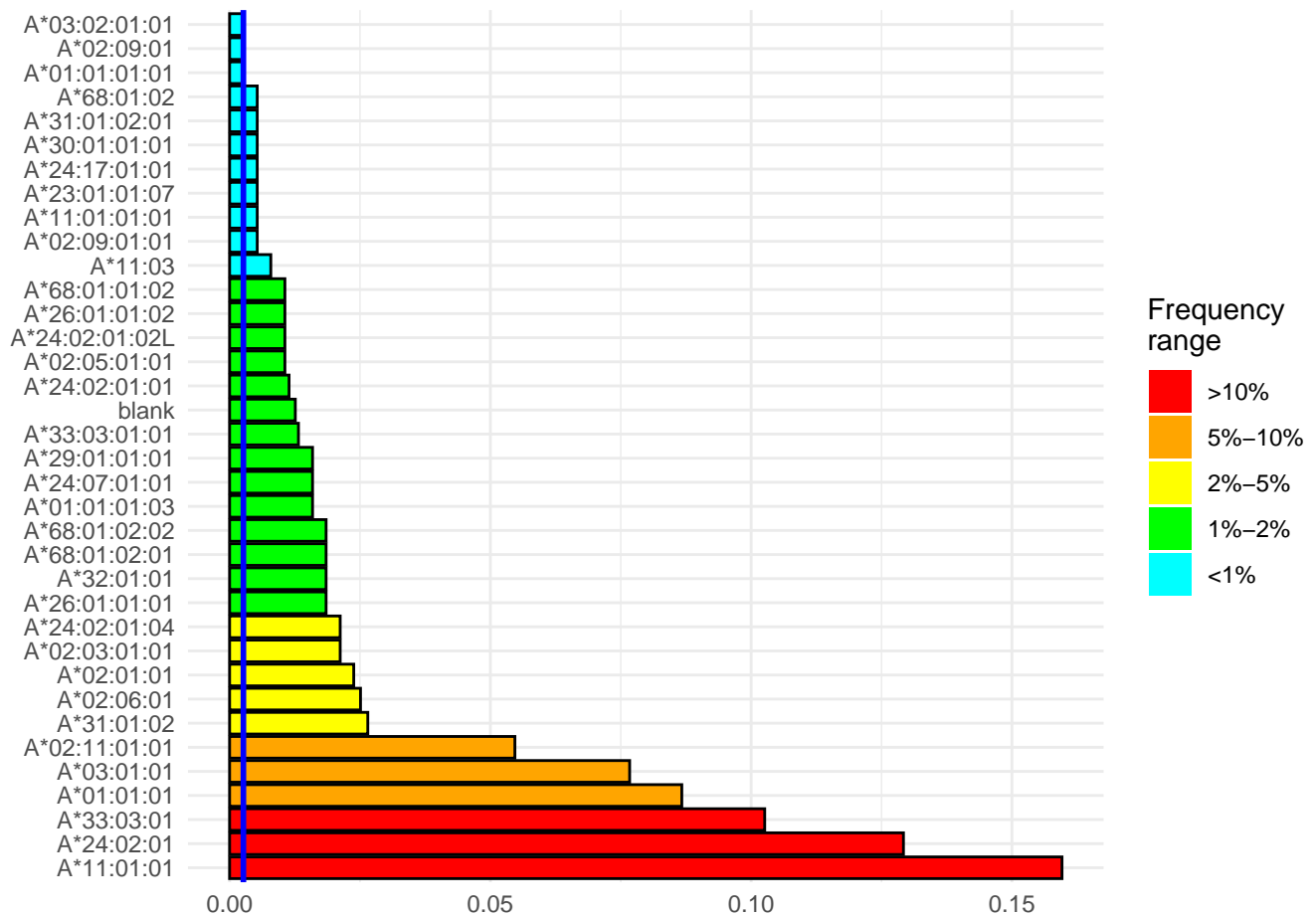


## Summary results for HLA-A in WesternIndia



Sample size: 189

Estimated heterozygosity: 0.9248

Hardy–Weinberg equilibrium test p–value: 0.842255

Ewens–Watterson–Slatkin neutrality test: FDR p.adj min: 0.302 max: 0.933

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	A*03:02:01:01	0.0026
2	A*02:09:01	0.0026
3	A*01:01:01:01	0.0026
4	A*02:06:01:01	0.0026
5	A*03:01:01:01	0.0026
6	A*02:01:08	0.0026
7	A*02:01:01:02	0.0026
8	A*11:01:01:25	0.0026
9	A*68:152	0.0026
10	A*74:02:01:02	0.0026
11	A*30:01:01:01	0.0053
12	A*11:01:01:01	0.0053
13	A*31:01:02:01	0.0053
14	A*23:01:01:07	0.0053
15	A*68:01:02	0.0053
16	A*24:17:01:01	0.0053
17	A*02:09:01:01	0.0053
18	A*11:03	0.0079
19	A*02:05:01:01	0.0106
20	A*26:01:01:02	0.0106
21	A*68:01:01:02	0.0106
22	A*24:02:01:02L	0.0106
23	A*24:02:01:01	0.0114
24	blank	0.0126
25	A*33:03:01:01	0.0132
26	A*01:01:01:03	0.0159
27	A*24:07:01:01	0.0159
28	A*29:01:01:01	0.0159
29	A*68:01:02:02	0.0185
30	A*32:01:01	0.0185
31	A*26:01:01:01	0.0185
32	A*68:01:02:01	0.0185
33	A*24:02:01:04	0.0212
34	A*02:03:01:01	0.0212
35	A*02:01:01	0.0238
36	A*02:06:01	0.0251

	Allele or Haplotype Name	Frequency Estimate
37	A*31:01:02	0.0265
38	A*02:11:01:01	0.0547
39	A*03:01:01	0.0767
40	A*01:01:01	0.0867
41	A*33:03:01	0.1026
42	A*24:02:01	0.1292
43	A*11:01:01	0.1596