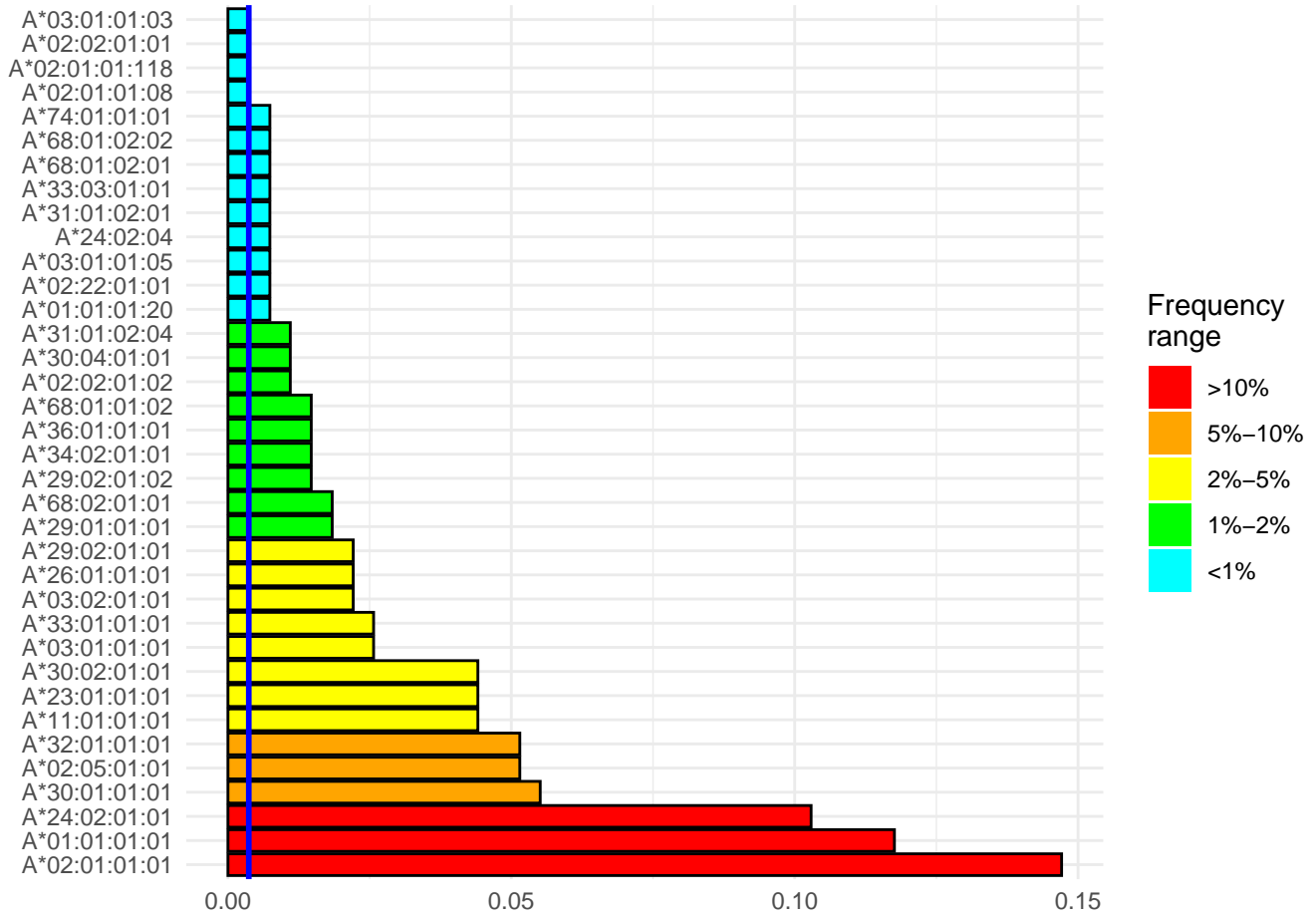


Summary results for HLA-A in TUN



Sample size: 136

Estimated heterozygosity: 0.9345

Hardy-Weinberg equilibrium test p-value: 1

Ewens-Watterson-Slatkin neutrality test: FDR p.adj min: 0.135 max: 0.533

There are 4 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*02:179	0.0000
2	A*68:164	0.0000
3	A*02:01:01:118	0.0037
4	A*03:01:01:03	0.0037
5	A*02:02:01:01	0.0037
6	A*02:01:01:08	0.0037
7	A*66:01:01:01	0.0037
8	A*69:01:01:01	0.0037
9	A*02:06:01:01	0.0037
10	A*01:02:01	0.0037
11	A*02:22:01:01	0.0074
12	A*74:01:01:01	0.0074
13	A*31:01:02:01	0.0074
14	A*01:01:01:20	0.0074
15	A*68:01:02:01	0.0074
16	A*24:02:04	0.0074
17	A*33:03:01:01	0.0074
18	A*68:01:02:02	0.0074
19	A*03:01:01:05	0.0074
20	A*02:02:01:02	0.0110
21	A*31:01:02:04	0.0110
22	A*30:04:01:01	0.0110
23	A*34:02:01:01	0.0147
24	A*36:01:01:01	0.0147
25	A*68:01:01:02	0.0147
26	A*29:02:01:02	0.0147
27	A*29:01:01:01	0.0184
28	A*68:02:01:01	0.0184
29	A*03:02:01:01	0.0221
30	A*29:02:01:01	0.0221
31	A*26:01:01:01	0.0221
32	A*03:01:01:01	0.0257
33	A*33:01:01:01	0.0257
34	A*11:01:01:01	0.0441
35	A*30:02:01:01	0.0441
36	A*23:01:01:01	0.0441

	Allele or Haplotype Name	Frequency Estimate
37	A*02:05:01:01	0.0515
38	A*32:01:01:01	0.0515
39	A*30:01:01:01	0.0551
40	A*24:02:01:01	0.1029
41	A*01:01:01:01	0.1176
42	A*02:01:01:01	0.1471