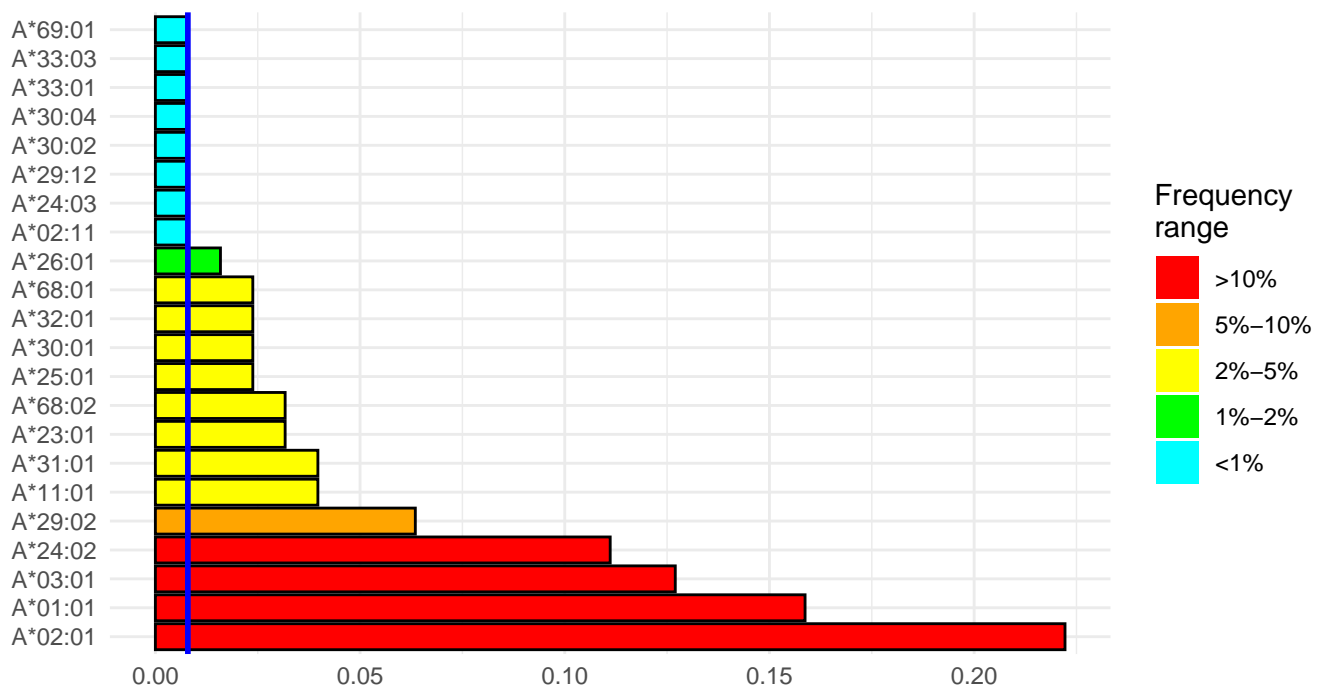


### Summary results for HLA-A in Q17



Sample size: 63

Estimated heterozygosity: 0.8848

Hardy–Weinberg equilibrium test p–value: 1

Ewens–Watterson–Slatkin neutrality test: FDR p.adj min: 0.524 max: 0.994

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

	Allele or Haplotype Name	Frequency Estimate
1	A*30:04	0.0079
2	A*33:01	0.0079
3	A*02:11	0.0079
4	A*33:03	0.0079
5	A*24:03	0.0079
6	A*69:01	0.0079
7	A*30:02	0.0079
8	A*29:12	0.0079
9	A*26:01	0.0159
10	A*68:01	0.0238
11	A*32:01	0.0238
12	A*25:01	0.0238
13	A*30:01	0.0238
14	A*23:01	0.0317
15	A*68:02	0.0317
16	A*31:01	0.0397
17	A*11:01	0.0397
18	A*29:02	0.0635
19	A*24:02	0.1111
20	A*03:01	0.1270
21	A*01:01	0.1587
22	A*02:01	0.2222