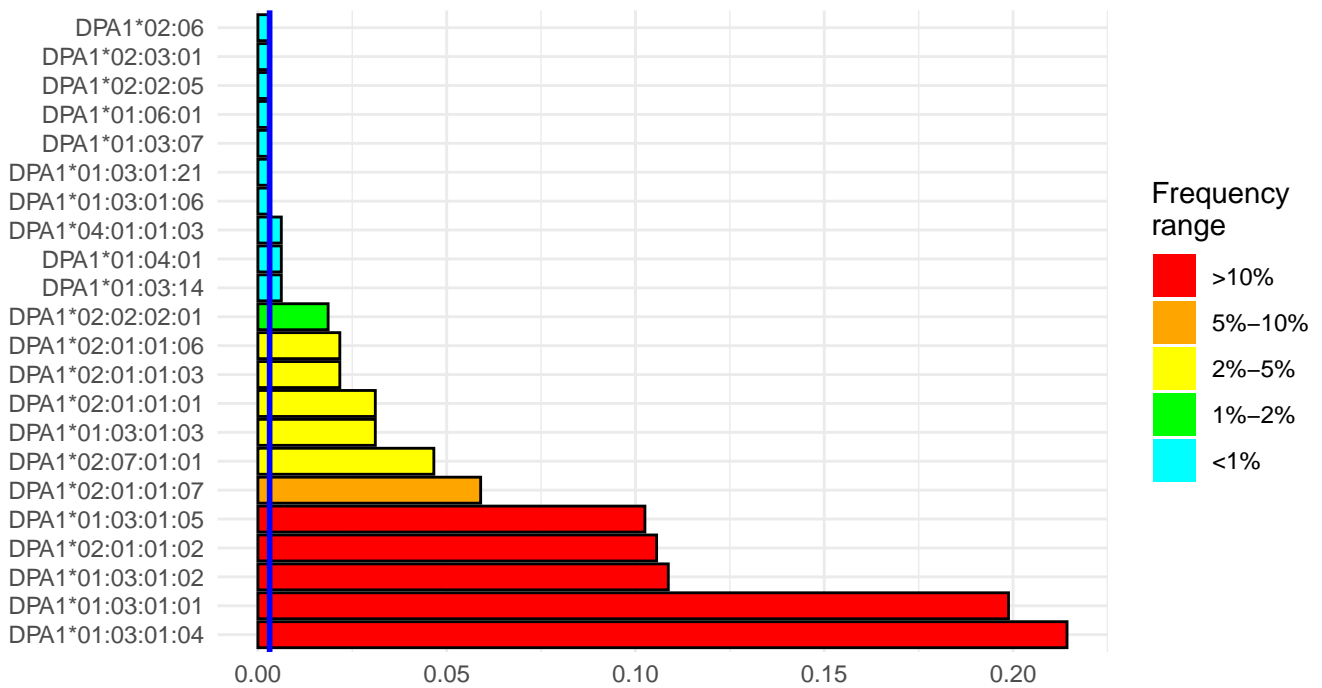


Summary results for HLA-DPA1 in Punjab-Khatri



Sample size: 161

Estimated heterozygosity: 0.8720

Hardy-Weinberg equilibrium test p-value: 0.7332365

Ewens-Watterson-Slatkin neutrality test: FDR p.adj min: 0.450 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	DPA1*02:06	0.0031
2	DPA1*01:06:01	0.0031
3	DPA1*01:03:01:21	0.0031
4	DPA1*02:03:01	0.0031
5	DPA1*01:03:07	0.0031
6	DPA1*02:02:05	0.0031
7	DPA1*01:03:01:06	0.0031
8	DPA1*01:03:14	0.0062
9	DPA1*01:04:01	0.0062
10	DPA1*04:01:01:03	0.0062
11	DPA1*02:02:02:01	0.0186
12	DPA1*02:01:01:06	0.0217
13	DPA1*02:01:01:03	0.0217
14	DPA1*01:03:01:03	0.0311
15	DPA1*02:01:01:01	0.0311
16	DPA1*02:07:01:01	0.0466
17	DPA1*02:01:01:07	0.0590
18	DPA1*01:03:01:05	0.1025
19	DPA1*02:01:01:02	0.1056
20	DPA1*01:03:01:02	0.1087
21	DPA1*01:03:01:01	0.1988
22	DPA1*01:03:01:04	0.2143