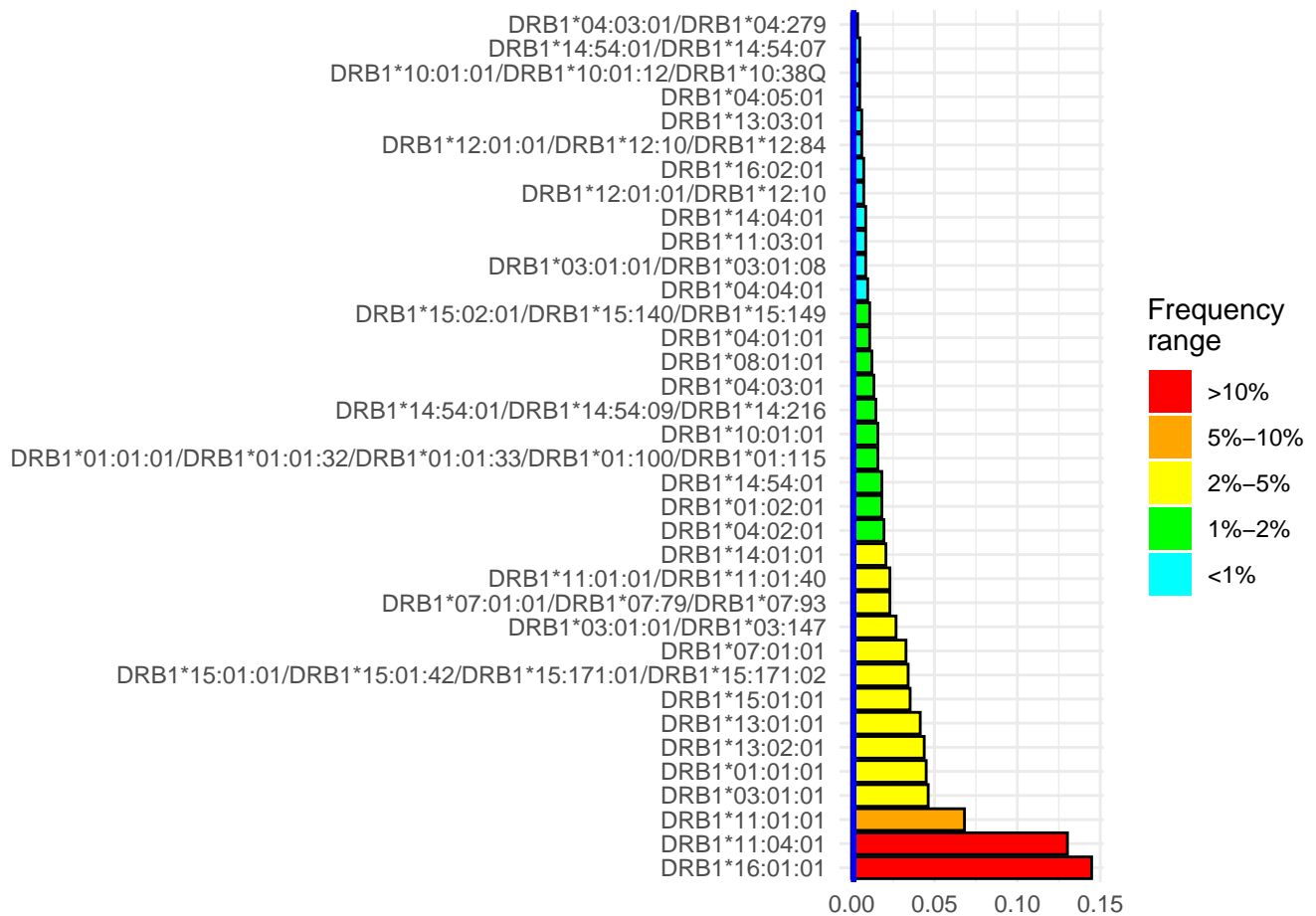


Summary results for HLA-DRB1



Sample size: 411

Estimated heterozygosity: 0.9409

Hardy–Weinberg equilibrium test p–value: 0.08344413

Ewens–Watterson–Slatkin neutrality test: FDR p.adj min: 0.361 max: 0.989

There are 31 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	Freq
DRB1*04:03:14/DRB1*04:04:01	
DRB1*04:06:04/DRB1*04:04:02	
DRB1*07:01:18/DRB1*07:102	
DRB1*15:10/DRB1*15:18	
DRB1*16:01:01/DRB1*16:34/DRB1*16:49/DRB1*16:01:10/DRB1*16:15/DRB1*16:01:07/DRB1*16:01:08	
DRB1*16:01:01/DRB1*16:49/DRB1*16:01:10/DRB1*16:01:08	
DRB1*12:01:01	
DRB1*15:02P	
DRB1*04:73:01	
DRB1*04:361/DRB1*04:53:02	
DRB1*08:06	
DRB1*11:01/DRB1*11:01:30	
DRB1*13:01:01/DRB1*13:01:27	
DRB1*11:198	
DRB5*02:02:01	
DRB1*13:01:01/DRB1*13:01:19	
DRB1*15:02:01/DRB1*15:149/DRB1*15:140	
DRB1*11:03:01/DRB1*11:03:04	
DRB1*16:02:01/DRB1*16:64	
DRB1*09:01:02/DRB1*09:21/DRB1*09:31	
DRB1*08:02:01	
DRB1*04:01:01/DRB1*04:274	
DRB1*11:04:01/DRB1*11:04:17	
DRB1*01:03:01	
DRB1*08:03:02	
DRB1*08:04:01	
DRB1*09:01:02	
DRB1*04:07:01	
DRB1*11:04	
DRB1*11:01:01/DRB1*11:01:30	
DRB1*04:03:01/DRB1*04:279	
DRB1*11:04:01/DRB1*11:04:20	
DRB1*04:05:01	
DRB1*10:01:01/DRB1*10:01:12/DRB1*10:38Q	
DRB1*14:54:01/DRB1*14:54:07	
DRB1*12:01:01/DRB1*12:10/DRB1*12:84	

Allele or Haplotype Name	Frequency Esti
DRB1*13:03:01	0.0061
DRB1*12:01:01/DRB1*12:10	0.0073
DRB1*16:02:01	0.0073
DRB1*11:03:01	0.0085
DRB1*14:04:01	0.0085
DRB1*03:01:01/DRB1*03:01:08	0.0085
DRB1*04:04:01	0.0097
DRB1*15:02:01/DRB1*15:140/DRB1*15:149	0.0109
DRB1*04:01:01	0.0109
DRB1*08:01:01	0.0122
DRB1*04:03:01	0.0134
DRB1*14:54:01/DRB1*14:54:09/DRB1*14:216	0.0146
DRB1*01:01:01/DRB1*01:01:32/DRB1*01:01:33/DRB1*01:100/DRB1*01:115	0.0158
DRB1*10:01:01	0.0158
DRB1*01:02:01	0.0182
DRB1*14:54:01	0.0182
DRB1*04:02:01	0.0195
DRB1*14:01:01	0.0207
DRB1*07:01:01/DRB1*07:79/DRB1*07:93	0.0231
DRB1*11:01:01/DRB1*11:01:40	0.0231
DRB1*03:01:01/DRB1*03:147	0.0268
DRB1*07:01:01	0.0328
DRB1*15:01:01/DRB1*15:01:42/DRB1*15:171:01/DRB1*15:171:02	0.0341
DRB1*15:01:01	0.0353
DRB1*13:01:01	0.0414
DRB1*13:02:01	0.0438
DRB1*01:01:01	0.0450
DRB1*03:01:01	0.0462
DRB1*11:01:01	0.0681
DRB1*11:04:01	0.1302
DRB1*16:01:01	0.1448