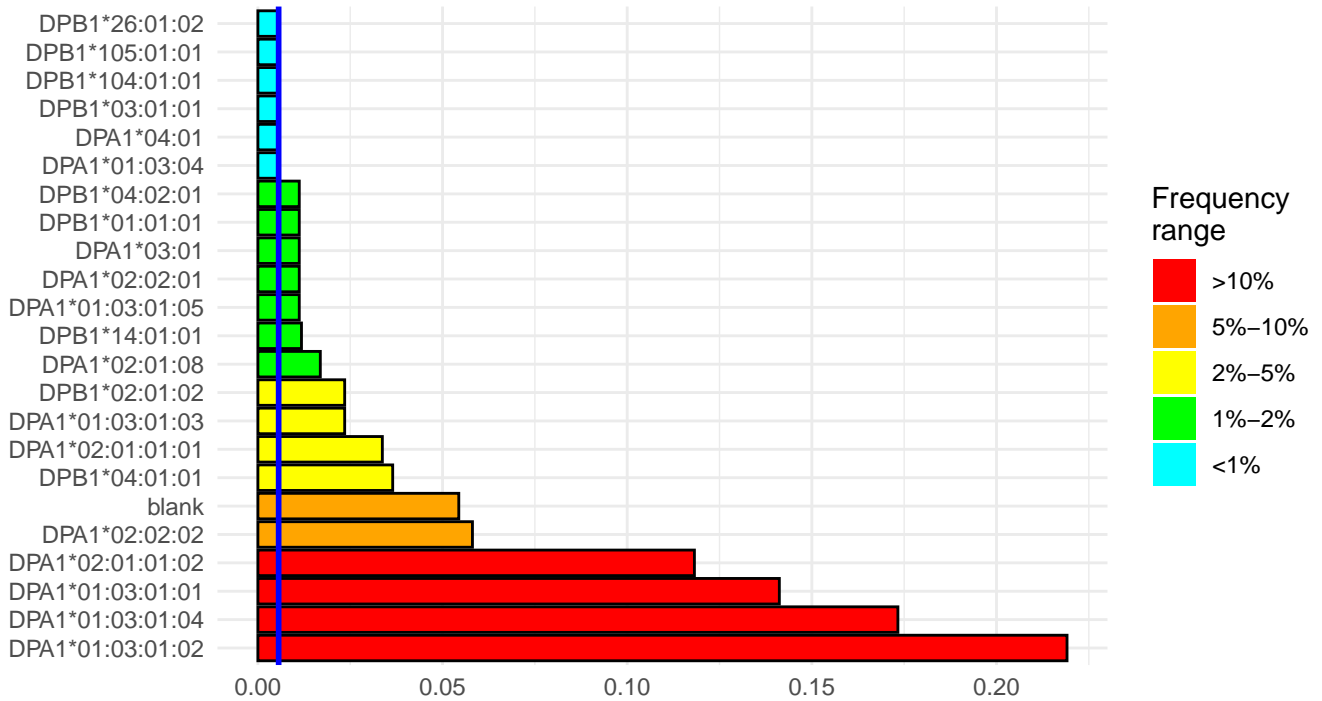


Summary results for blank,DPA1 in EMI



Sample size: 89

Estimated heterozygosity: 0.8769

Hardy-Weinberg equilibrium test p-value: 0.907

Ewens-Watterson-Slatkin neutrality test: FDR p.adj min: 0.691 max: 0.999

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

| | Allele or Haplotype Name | Frequency Estimate |
|----|---------------------------------|---------------------------|
| 1 | DPA1*04:01 | 0.0056 |
| 2 | DPA1*01:03:04 | 0.0056 |
| 3 | DPB1*105:01:01 | 0.0056 |
| 4 | DPB1*104:01:01 | 0.0056 |
| 5 | DPB1*03:01:01 | 0.0056 |
| 6 | DPB1*26:01:02 | 0.0056 |
| 7 | DPA1*02:02:01 | 0.0112 |
| 8 | DPA1*03:01 | 0.0112 |
| 9 | DPA1*01:03:01:05 | 0.0112 |
| 10 | DPB1*01:01:01 | 0.0112 |
| 11 | DPB1*04:02:01 | 0.0112 |
| 12 | DPB1*14:01:01 | 0.0118 |
| 13 | DPA1*02:01:08 | 0.0169 |
| 14 | DPA1*01:03:01:03 | 0.0235 |
| 15 | DPB1*02:01:02 | 0.0235 |
| 16 | DPA1*02:01:01:01 | 0.0337 |
| 17 | DPB1*04:01:01 | 0.0365 |
| 18 | blank | 0.0544 |
| 19 | DPA1*02:02:02 | 0.0581 |
| 20 | DPA1*02:01:01:02 | 0.1182 |
| 21 | DPA1*01:03:01:01 | 0.1412 |
| 22 | DPA1*01:03:01:04 | 0.1733 |
| 23 | DPA1*01:03:01:02 | 0.2191 |