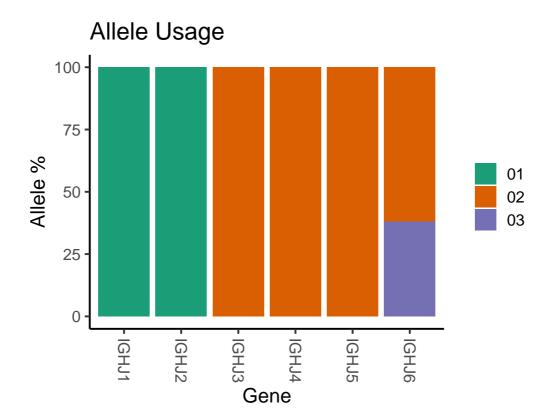


IGHV5-10-1*03 IGHV4-39*01 78 sequences assigned 66 (84.6%) exact matches, in which: 959 sequences assigned 820 (85.5%) exact matches, in which: 66 unique CDR3 812 unique CDR3 5 unique J 7 unique J 800 60 600 40 Count 400 20 200 0 0 5 10 15 **Nucleotide Difference** Nucleotide Difference IGHV4-59*01 IGHV5-51*01 301 sequences assigned 247 (82.1%) exact matches, in which: 247 unique CDR3 365 sequences assigned 318 (87.1%) exact matches, in which: 316 unique CDR3 7 unique J 7 unique J 250 -300 200 200 150 100 100 50 0 0 10 15 8 0 0 **Nucleotide Difference** Nucleotide Difference IGHV4-61*01 IGHV6-1*01 124 sequences assigned 198 sequences assigned 95 (76.6%) exact matches, in which: 165 (83.3%) exact matches, in which: 95 unique CDR3 160 unique CDR3 6 unique J 6 unique J 150 75 100 Count 50 50 25 0 0 10 10 Nucleotide Difference Nucleotide Difference



Sequence Count by IGHJ6 allele usage

