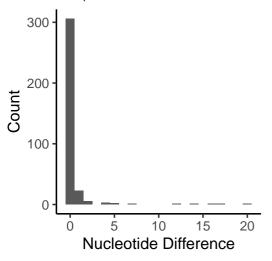
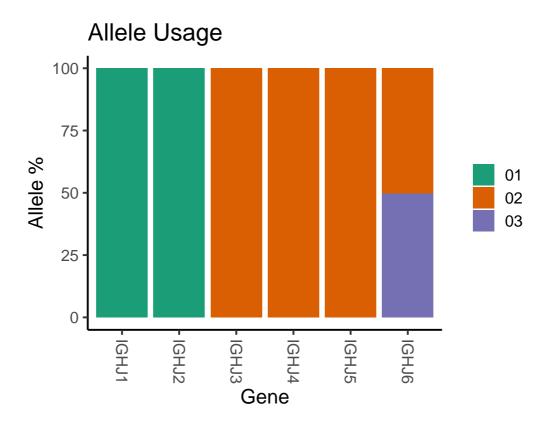


IGHV5-10-1*01 IGHV6-1*01 153 sequences assigned 132 (86.3%) exact matches, in which: 128 unique CDR3 476 sequences assigned 404 (84.9%) exact matches, in which: 394 unique CDR3 7 unique J 6 unique J 400 100 300 Count Count 200 50 100 0 0 15 2.5 5 10 20 0.0 5.0 7.5 **Nucleotide Difference Nucleotide Difference** IGHV5-51*01 IGHV7-4-1*02 737 sequences assigned 545 (73.9%) exact matches, in which: 459 sequences assigned 400 (87.1%) exact matches, in which: 528 unique CDR3 390 unique CDR3 7 unique J 7 unique J 400 -300 400 Count Count Count 200 100 0 0 5 10 15 20 5 10 15 20 0 0 **Nucleotide Difference Nucleotide Difference**

IGHV5-51*03

346 sequences assigned 306 (88.4%) exact matches, in which: 297 unique CDR3 6 unique J





Sequence Count by IGHJ6 allele usage

