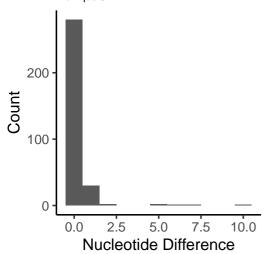
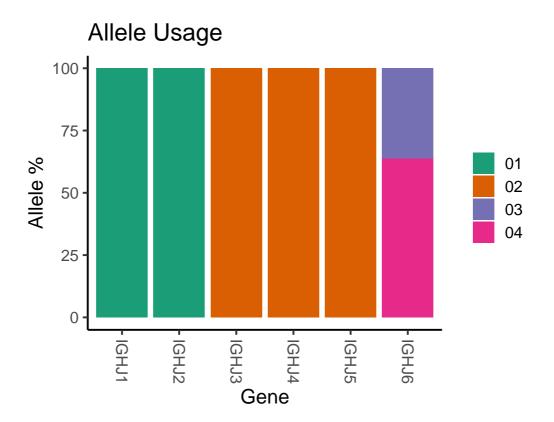


IGHV6-1*01 IGHV4-61*02 66 sequences assigned 186 sequences assigned 123 (66.1%) exact matches, in which: 54 (81.8%) exact matches, in which: 54 unique CDR3 123 unique CDR3 6 unique J 6 unique J 125 -100 40 75 Count 50 20 25 0 0 0 0.0 2.5 5.0 7.5 **Nucleotide Difference** Nucleotide Difference IGHV5-10-1*03 IGHV7-4-1*01 154 sequences assigned 139 (90.3%) exact matches, in which: 1 sequences assigned 1 (100%) exact matches, in which: 139 unique CDR3 1 unique CDR3 7 unique J 1 unique J 1.00 0.75 100 Count Count Count 50 0.25 0.00 0 -0.25 0.00 0.25 0.50 -0.500 **Nucleotide Difference Nucleotide Difference** IGHV5-51*01

317 sequences assigned 280 (88.3%) exact matches, in which: 279 unique CDR3 7 unique J





Sequence Count by IGHJ6 allele usage



