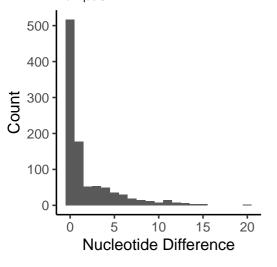


IGHV5-51*01 IGHV7-4-1*02 1692 sequences assigned 756 (44.7%) exact matches, in which: 696 unique CDR3 533 sequences assigned 269 (50.5%) exact matches, in which: 250 unique CDR3 7 unique J 7 unique J 600 200 Count 400 100 200 0 15 20 10 15 10 0 Nucleotide Difference **Nucleotide Difference**

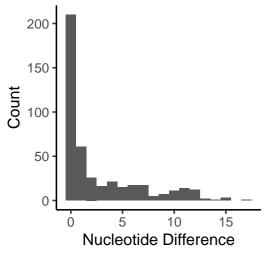
IGHV5-51*01_C45G

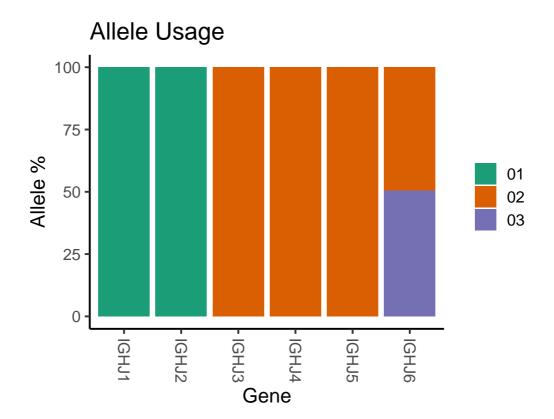
1009 sequences assigned 517 (51.2%) exact matches, in which: 479 unique CDR3 7 unique J



IGHV6-1*01

439 sequences assigned 210 (47.8%) exact matches, in which: 197 unique CDR3 7 unique J





Sequence Count by IGHJ6 allele usage

