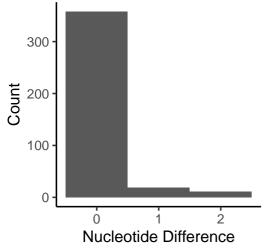


IGHV6-1*01_02 IGHV4-59*01_07 149 sequences assigned 122 (81.9%) exact matches, in which: 122 unique CDR3 1 sequences assigned 1 (100%) exact matches, in which: 1 unique CDR3 1 unique J 7 unique J 125 -1.00 100 0.75 75 Count O.50 50 0.25 25 0.00 0 0.25 -0.25 0.00 0.50 -0.50Nucleotide Difference **Nucleotide Difference**

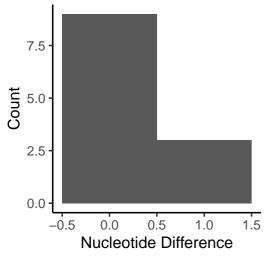
IGHV4-61*01

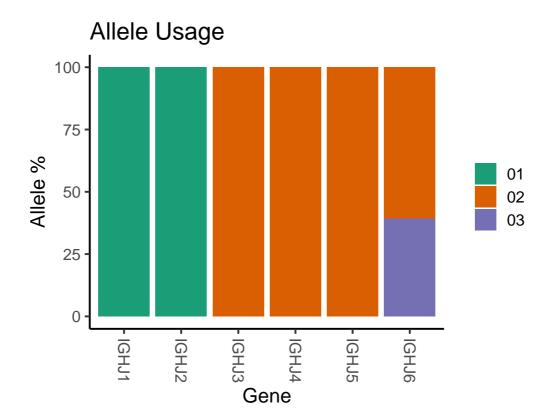
388 sequences assigned 358 (92.3%) exact matches, in which: 349 unique CDR3 7 unique J



IGHV5-10-1*01_03

12 sequences assigned 9 (75%) exact matches, in which: 9 unique CDR3 4 unique J





Sequence Count by IGHJ6 allele usage

