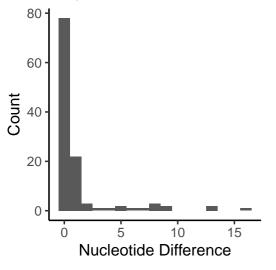


IGHV4-61*01 IGHV6-1*01 36 sequences assigned 26 (72.2%) exact matches, in which: 26 unique CDR3 4 unique J 11 sequences assigned 9 (81.8%) exact matches, in which: 9 unique CDR3 3 unique J 7.5 20 Count 5.0 10 2.5 0.0 0 3 6 12 10 **Nucleotide Difference** Nucleotide Difference

IGHV5-51*01

117 sequences assigned 78 (66.7%) exact matches, in which: 76 unique CDR3 5 unique J



IGHV5-51*03

51 sequences assigned 38 (74.5%) exact matches, in which: 38 unique CDR3 5 unique J

