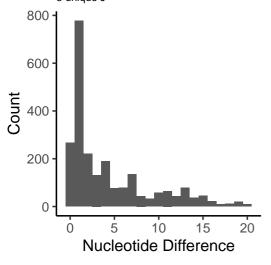


IGHV5-51*06 IGHV3/OR16-9*01 21 sequences assigned 11 (52.4%) exact matches, in which: 11 unique CDR3 1 sequences assigned No exact matches. 3 unique J 1.00 -9 0.75 Count Count Count 9 0.25 3 0.00 0 10.50 10.75 11.00 11.25 **Nucleotide Difference Nucleotide Difference** IGHV5-51*07 IGHV7-4-1*01 56 sequences assigned 27 (48.2%) exact matches, in which: 23 unique CDR3 4 unique J 69 sequences assigned 20 (29%) exact matches, in which: 16 unique CDR3 4 unique J 30 20 Count Count Count 10 10 0 0 0 12 0.0 2.5 5.0 7.5 **Nucleotide Difference Nucleotide Difference** IGHV6-1*01_02

2464 sequences assigned 267 (10.8%) exact matches, in which: 169 unique CDR3 5 unique J





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