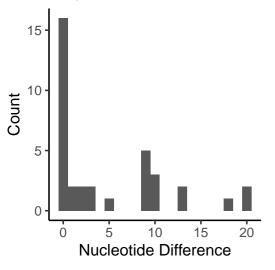


IGHV5-51*06 IGHV7-4-1*01 14 sequences assigned 4 (28.6%) exact matches, in which: 4 unique CDR3 44 sequences assigned 17 (38.6%) exact matches, in which: 14 unique CDR3 3 unique J 4 unique J 15 3 Count 2 10 5 1 0 0 0 10 5 15 Nucleotide Difference **Nucleotide Difference**

IGHV5-51*07

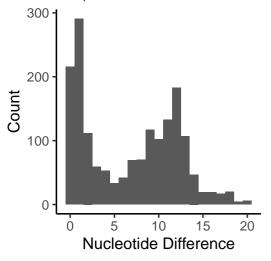
4 unique J

38 sequences assigned 16 (42.1%) exact matches, in which: 13 unique CDR3



IGHV6-1*01_02

1888 sequences assigned 216 (11.4%) exact matches, in which: 175 unique CDR3 6 unique J





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