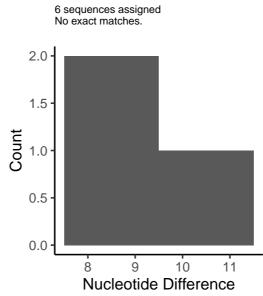


34 sequences assigned No exact matches. 7.5 - 2.5 - 0.0 - 11 13 15 17 Nucleotide Difference

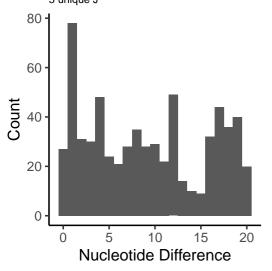
IGHV4-61*08



IGHV7-4-1*01

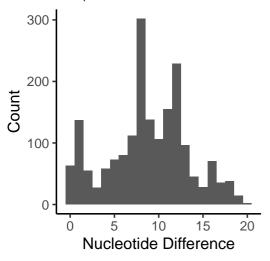
IGHV5-51*01

1353 sequences assigned 27 (2%) exact matches, in which: 16 unique CDR3 5 unique J



IGHV6-1*01

1899 sequences assigned 63 (3.3%) exact matches, in which: 27 unique CDR3 3 unique J





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