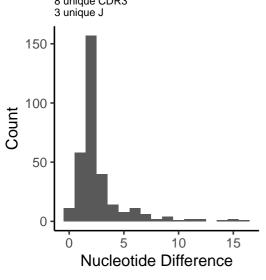
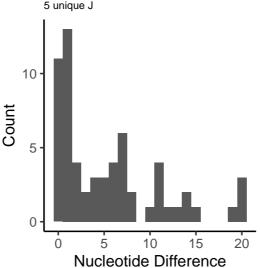


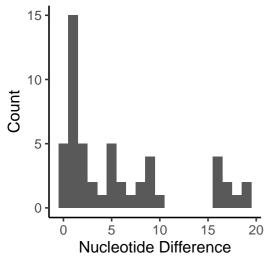
IGHV4-61*08 IGHV5-51*01_03 559 sequences assigned 27 (4.8%) exact matches, in which: 17 unique CDR3 3 unique J 31 sequences assigned No exact matches. 8 150 6 Count ⁴ 100 50 2 0 0 20 10 15 5 10 15 0 **Nucleotide Difference Nucleotide Difference** IGHV6-1*01_02 IGHV5-10-1*01_03 63 sequences assigned 11 (17.5%) exact matches, in which: 8 unique CDR3 328 sequences assigned 11 (3.4%) exact matches, in which: 8 unique CDR3 5 unique J 3 unique J 150





IGHV5-51*07

55 sequences assigned 5 (9.1%) exact matches, in which: 4 unique CDR3 2 unique J





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