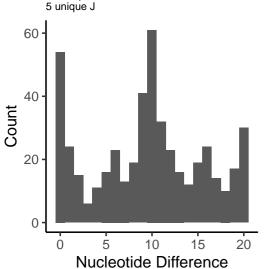


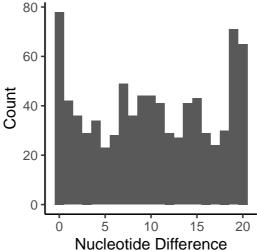
IGHV4-59*01

881 sequences assigned 54 (6.1%) exact matches, in which: 52 unique CDR3



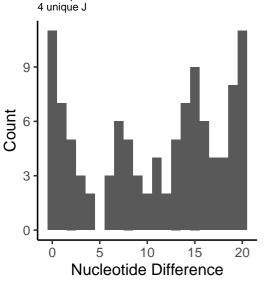
IGHV5-51*01

1088 sequences assigned 78 (7.2%) exact matches, in which: 76 unique CDR3 4 unique J



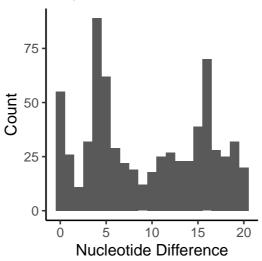
IGHV4-61*01

160 sequences assigned 11 (6.9%) exact matches, in which: 11 unique CDR3



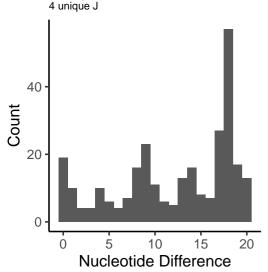
IGHV6-1*01

839 sequences assigned 55 (6.6%) exact matches, in which: 54 unique CDR3 5 unique J



IGHV5-10-1*03

413 sequences assigned 19 (4.6%) exact matches, in which: 19 unique CDR3





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