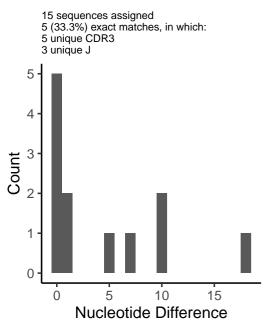


75 sequences assigned 26 (34.7%) exact matches, in which: 26 unique CDR3 6 unique J 20 0 5 10 15 20 Nucleotide Difference

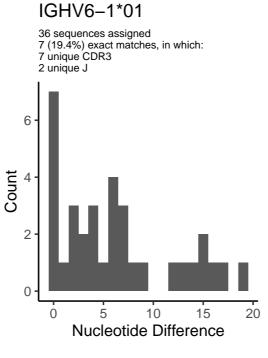
IGHV4-59*01

121 sequences assigned 46 (38%) exact matches, in which: 46 unique CDR3 6 unique J 40 40 40 5 10 5 Nucleotide Difference

IGHV5-51*01



IGHV4-61*01



IGHV4-61*02

71 sequences assigned 31 (43.7%) exact matches, in which: 31 unique CDR3 6 unique J

