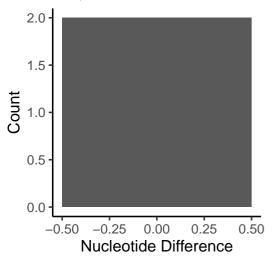


IGHV5-10-1*01_03 IGHV7-4-1*02 48 sequences assigned 45 (93.8%) exact matches, in which: 45 unique CDR3 5 unique J 225 sequences assigned 206 (91.6%) exact matches, in which: 205 unique CDR3 6 unique J 200 40 150 30 Count 20 100 50 10 0 0 0 **Nucleotide Difference Nucleotide Difference**

IGHV5-51*01_03

2 unique J

2 sequences assigned 2 (100%) exact matches, in which: 2 unique CDR3



IGHV6-1*01_02

242 sequences assigned 232 (95.9%) exact matches, in which: 231 unique CDR3 6 unique J

