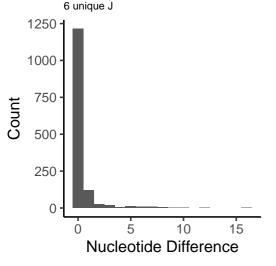


IGHV7-4-1*01 IGHV5-10-1*03 17 sequences assigned 14 (82.4%) exact matches, in which: 13 unique CDR3 437 sequences assigned 376 (86%) exact matches, in which: 364 unique CDR3 3 unique J 5 unique J 300 10 Count 200 5 100 0 0 8 0.0 2.5 5.0 7.5 **Nucleotide Difference Nucleotide Difference**

IGHV5-51*01

1430 sequences assigned 1214 (84.9%) exact matches, in which: 1173 unique CDR3



IGHV6-1*01

213 sequences assigned 179 (84%) exact matches, in which: 168 unique CDR3 6 unique J

