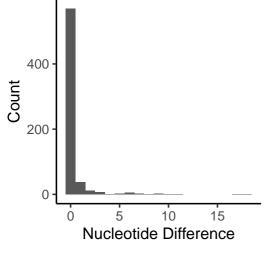


IGHV5-10-1*03 IGHV7-4-1*02 271 sequences assigned 248 (91.5%) exact matches, in which: 247 unique CDR3 181 sequences assigned 145 (80.1%) exact matches, in which: 145 unique CDR3 6 unique J 6 unique J 150 250 -200 100 Count 150 150 Count 50 50 0 0 2 0 5 10 **Nucleotide Difference Nucleotide Difference**

15

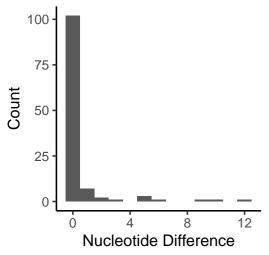
IGHV5-51*01

644 sequences assigned 570 (88.5%) exact matches, in which: 565 unique CDR3 6 unique J



IGHV6-1*01

119 sequences assigned 102 (85.7%) exact matches, in which: 102 unique CDR3 4 unique J





Warning - no inferred sequences found. Warning – no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning - no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found.