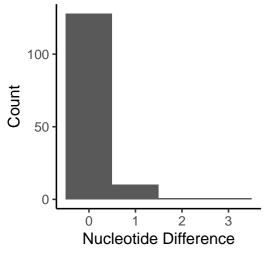


## IGHV5-51\*01\_C45G IGHV7-81\*01 281 sequences assigned 253 (90%) exact matches, in which: 252 unique CDR3 1 sequences assigned 1 (100%) exact matches, in which: 1 unique CDR3 5 unique J 1 unique J 250 1.00 200 0.75 Count 150 Count Count 0.25 50 0.00 0 0.25 0.50 -0.50 -0.25 0.00 10 5 15 **Nucleotide Difference Nucleotide Difference**

## IGHV6-1\*01

140 sequences assigned 128 (91.4%) exact matches, in which: 128 unique CDR3 6 unique J



## IGHV7-4-1\*01

2 sequences assigned 2 (100%) exact matches, in which: 2 unique CDR3 1 unique J

