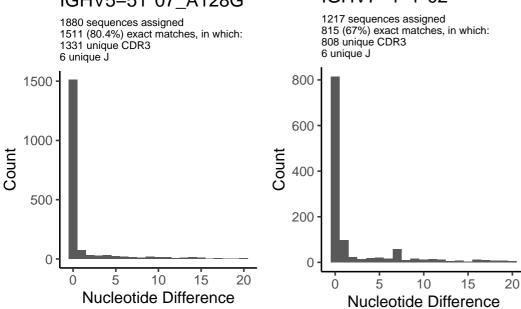
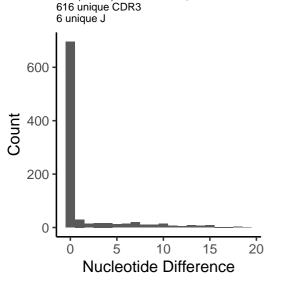


## IGHV6-1\*01\_02 IGHV5-10-1\*01\_03 372 sequences assigned 165 (44.4%) exact matches, in which: 1 sequences assigned No exact matches. 165 unique CDR3 5 unique J 1.00 -150 0.75 Count 0.50 100 50 0.25 0.00 0 5.50 5.75 6.00 6.25 6.50 5 10 15 20 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1\*02 IGHV5-51\*07\_A128G 1217 sequences assigned 815 (67%) exact matches, in which: 808 unique CDR3



## IGHV5-51\*07\_A128G\_A263T



919 sequences assigned 696 (75.7%) exact matches, in which:



