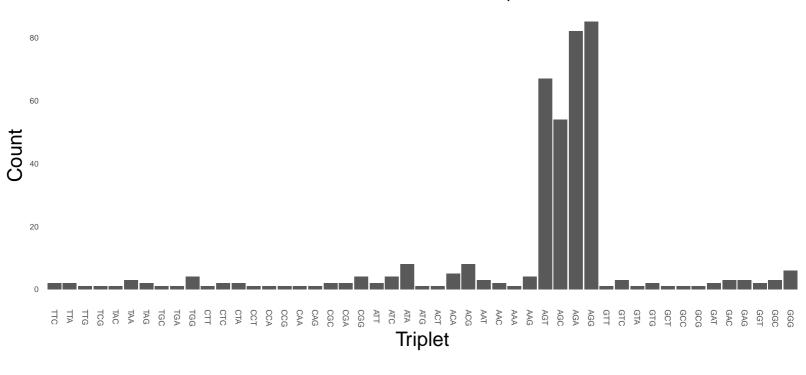
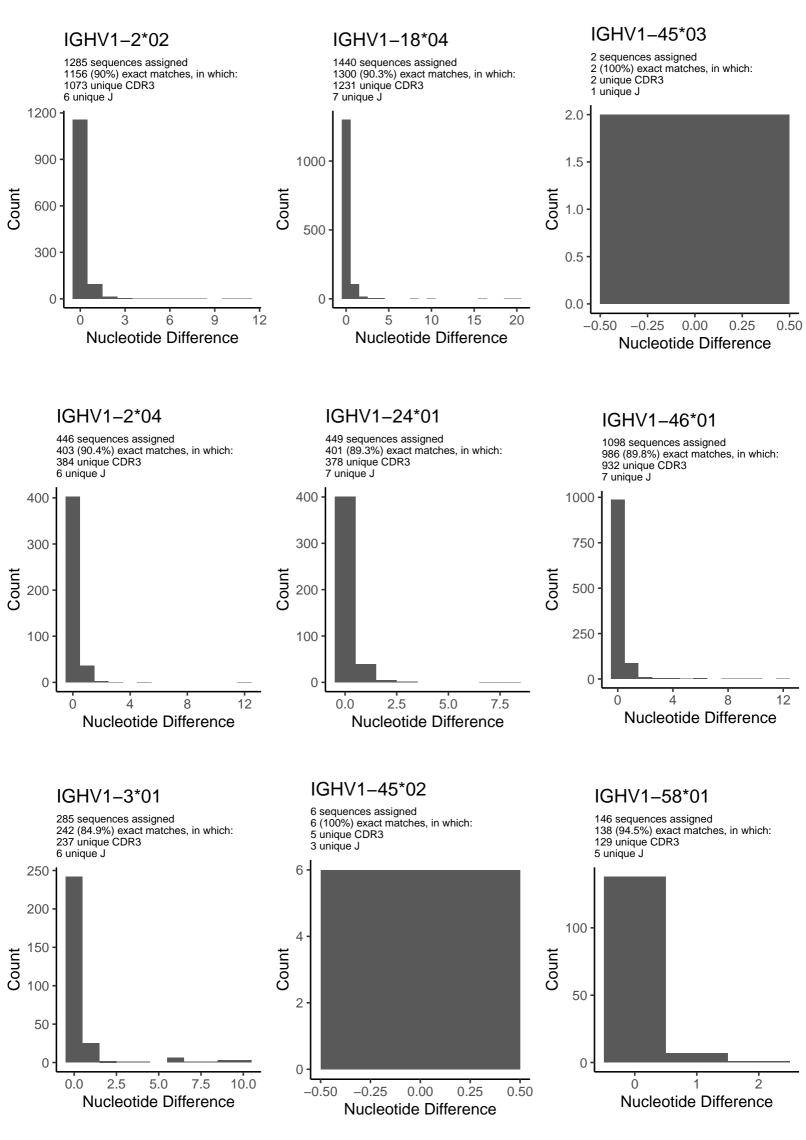
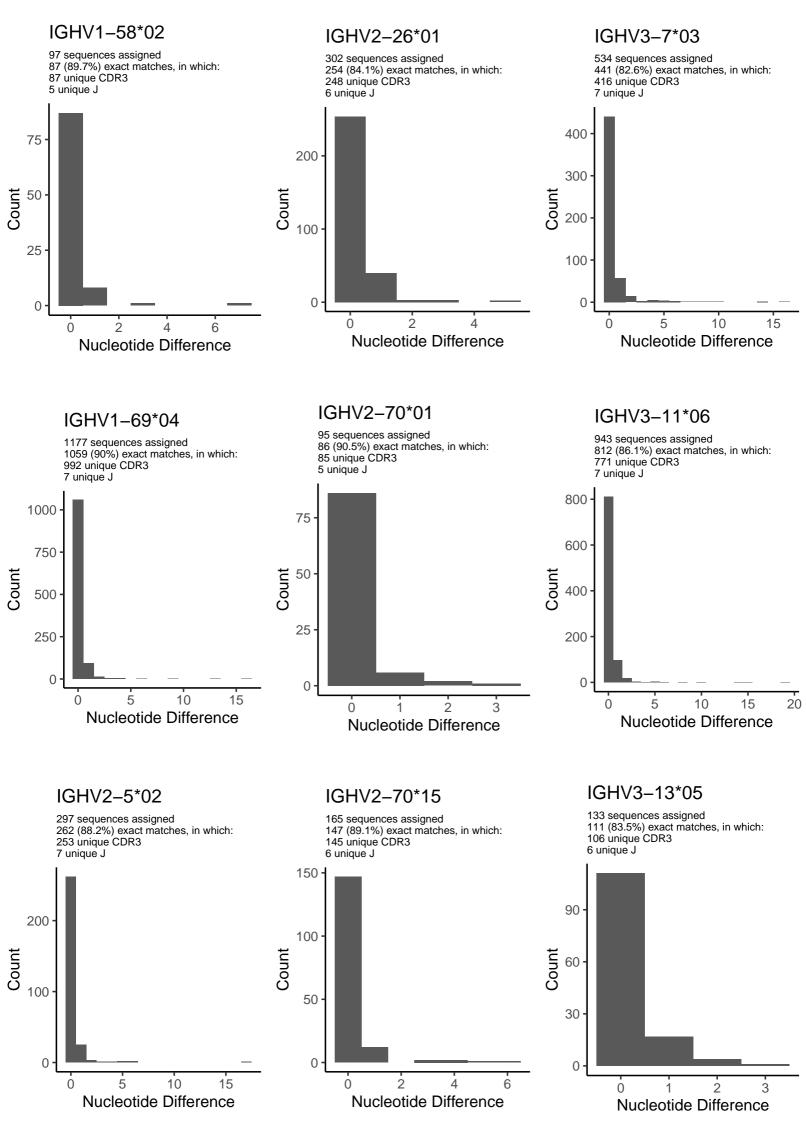
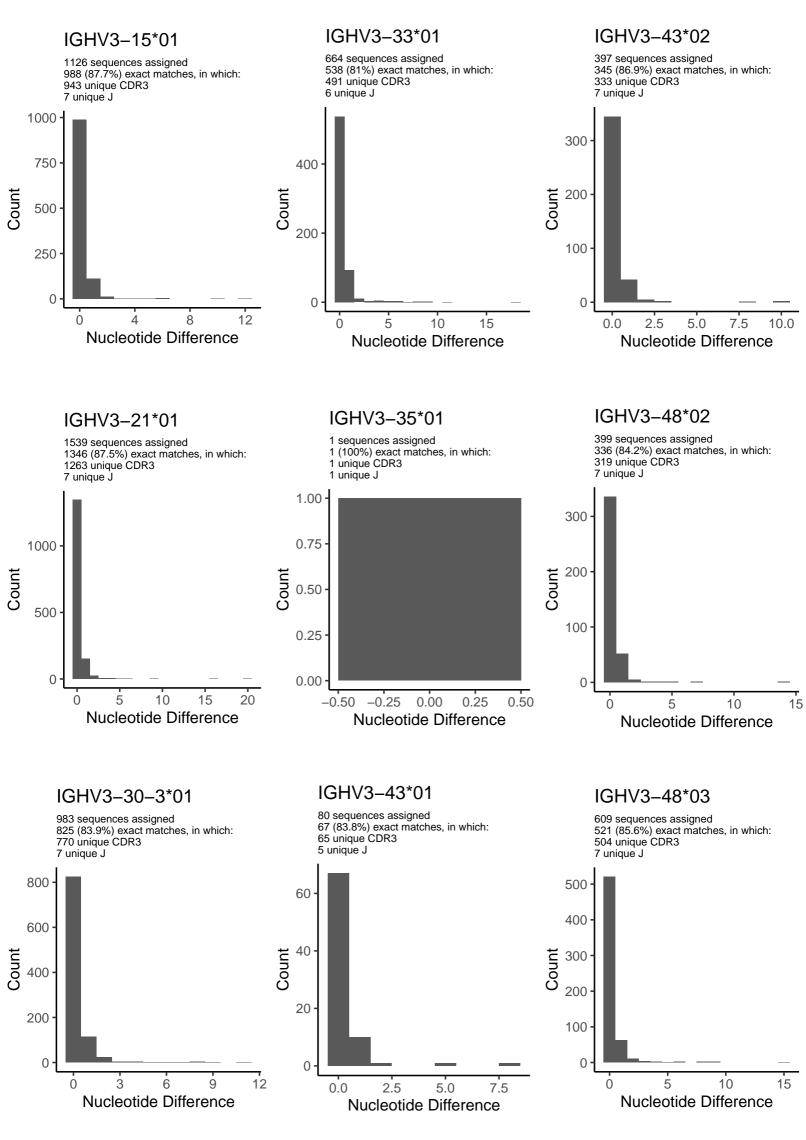


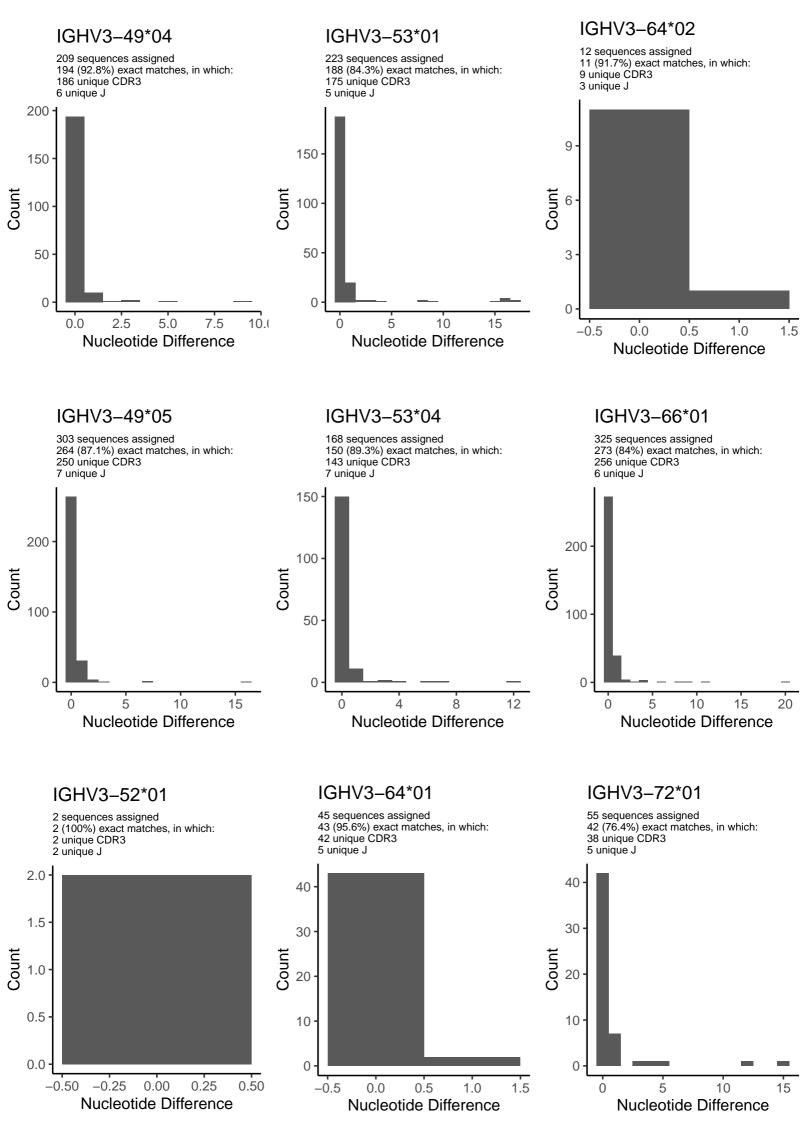
IGHV4-30-4\*01\_A70G\_A107G- Final 3 nucleotides as a triplet

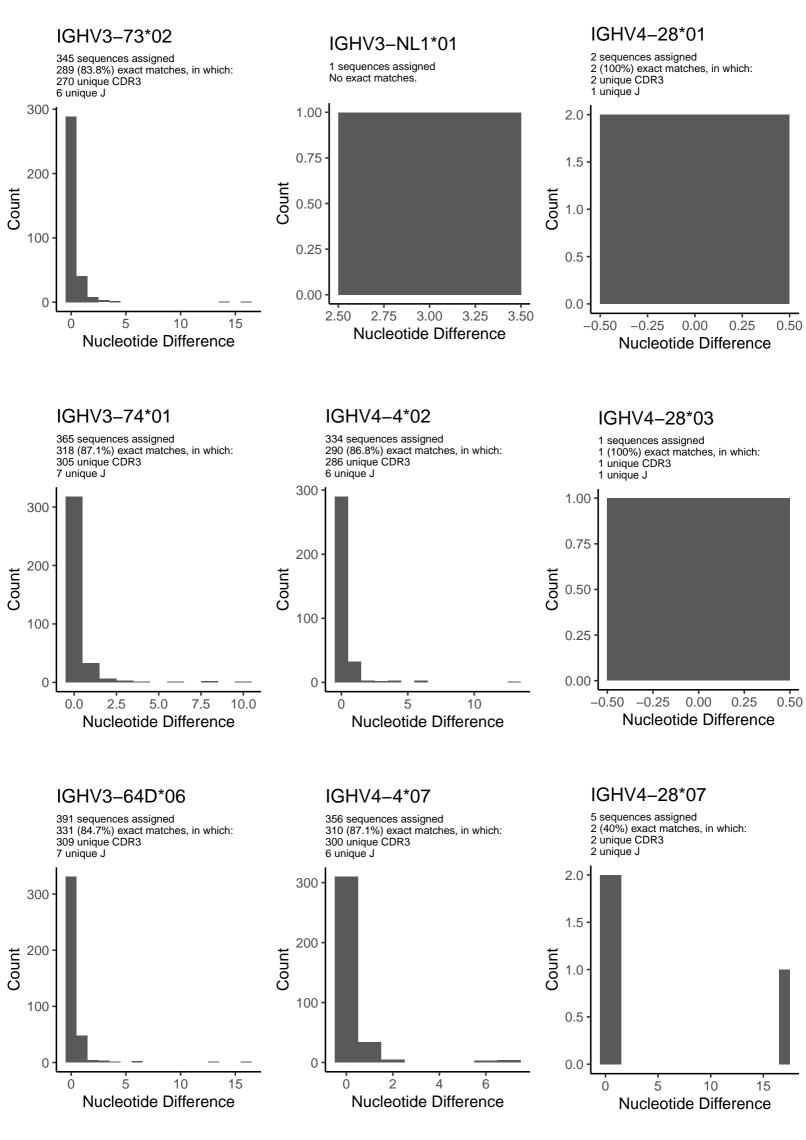


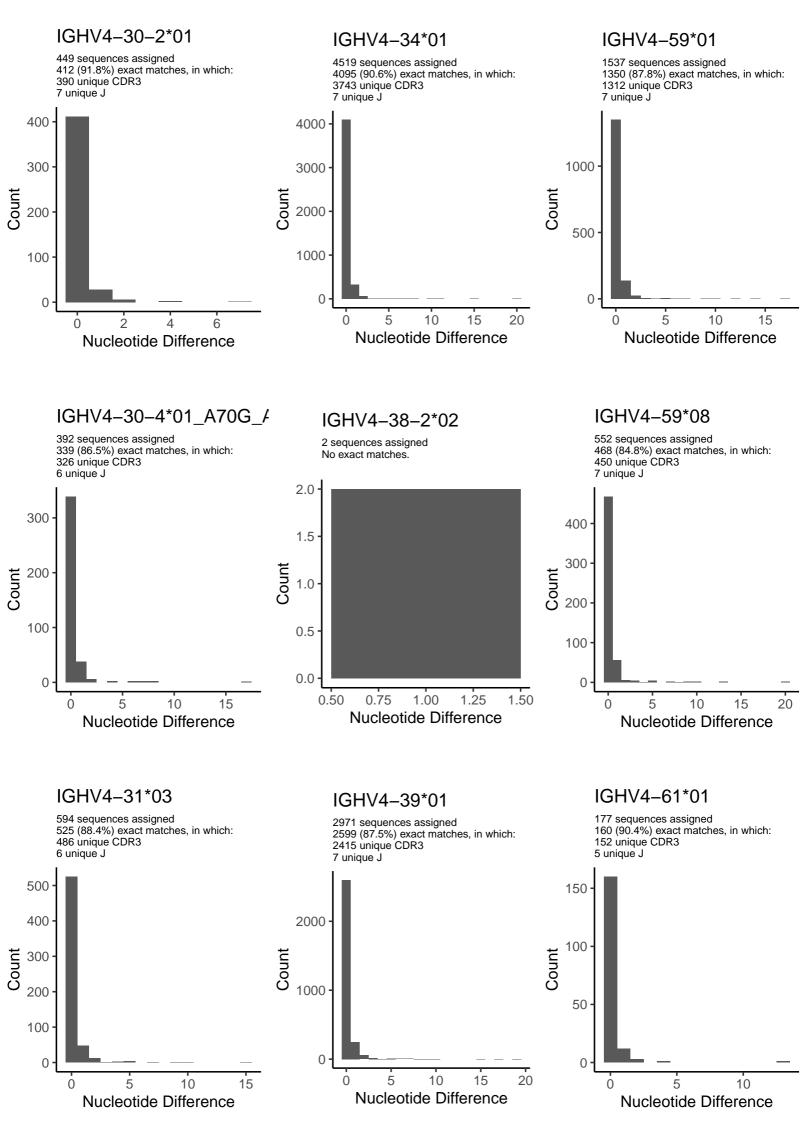








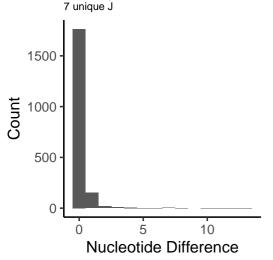




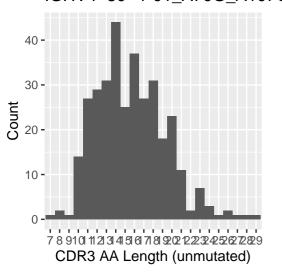
## IGHV6-1\*01 IGHV1/OR15-2\*01 215 sequences assigned 182 (84.7%) exact matches, in which: 175 unique CDR3 1 sequences assigned 1 (100%) exact matches, in which: 1 unique CDR3 1 unique J 7 unique J 1.00 150 0.75 Count Count Count 100 50 0.25 0.00 0 -0.250.00 0.25 0.50 -0.500 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1\*01 IGHV5-10-1\*03 18 sequences assigned 13 (72.2%) exact matches, in which: 13 unique CDR3 1175 sequences assigned 1059 (90.1%) exact matches, in which: 1000 unique CDR3 4 unique J 7 unique J 1000 10 750 Count 500 5 250 0 0 7.5 0.0 2.5 5.0 0 **Nucleotide Difference Nucleotide Difference**

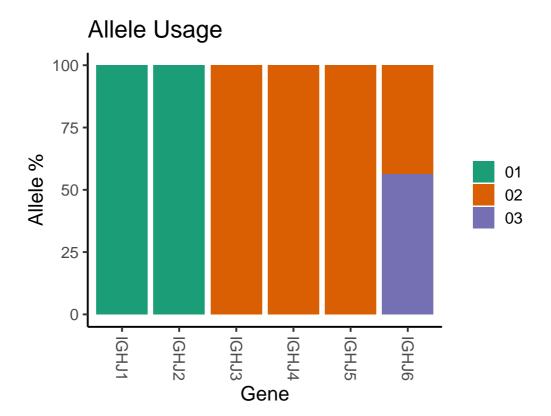
## IGHV5-51\*01

1972 sequences assigned 1764 (89.5%) exact matches, in which: 1650 unique CDR3

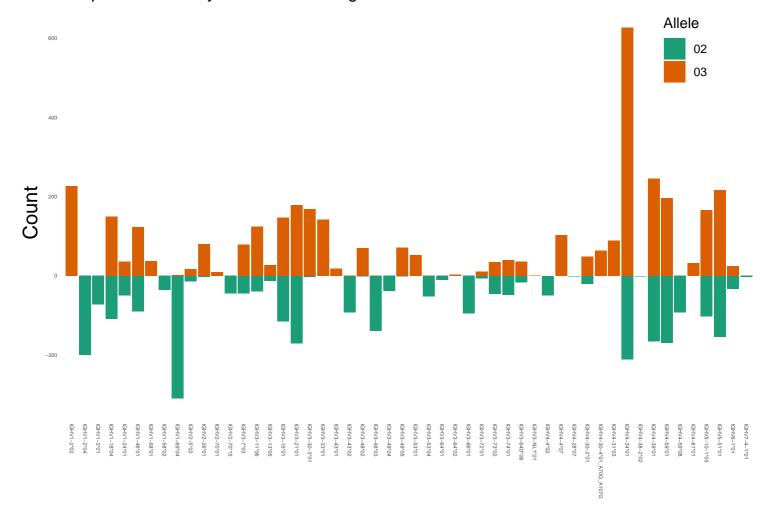


IGHV4-30-4\*01\_A70G\_A107G





## Sequence Count by IGHJ6 allele usage



Warning – no inferred sequences found.

Warning – no inferred sequences found.