

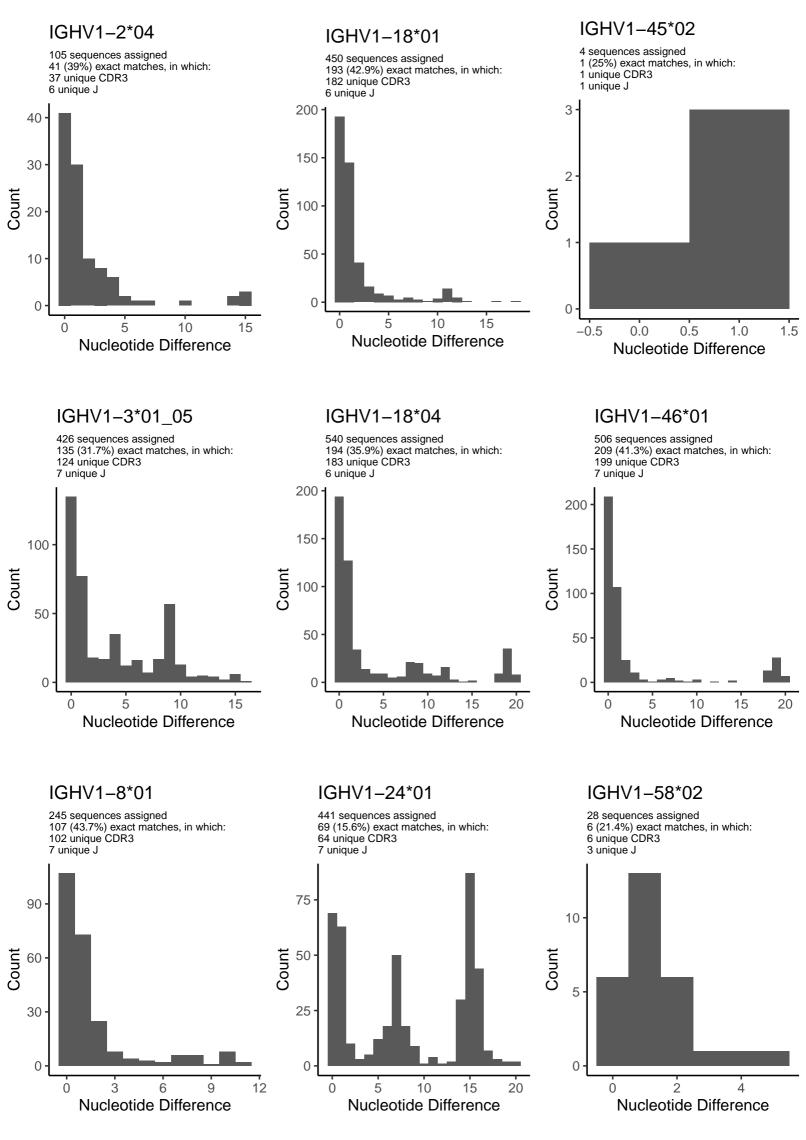
IGHV7-4-1*02_T63C- Final 3 nucleotides as a triplet

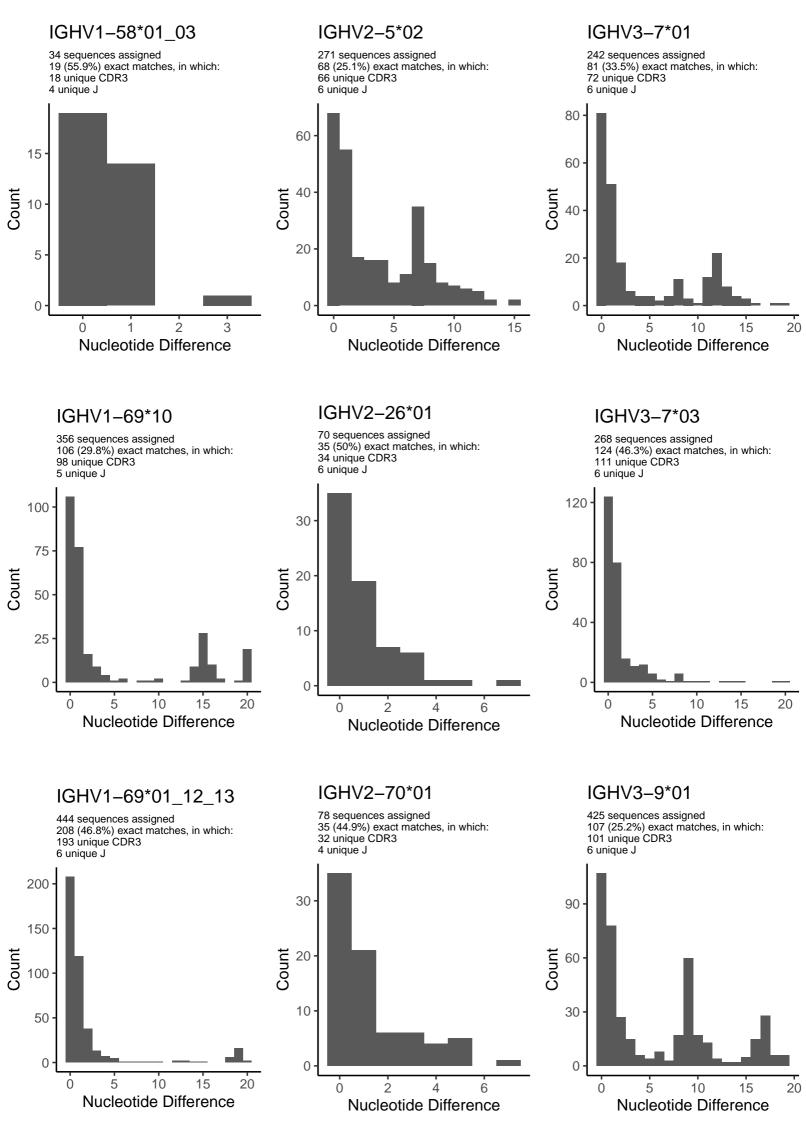
ATG
ATA
ATTC
ATTC
CGGG
CGGT
CCCA
CCTC

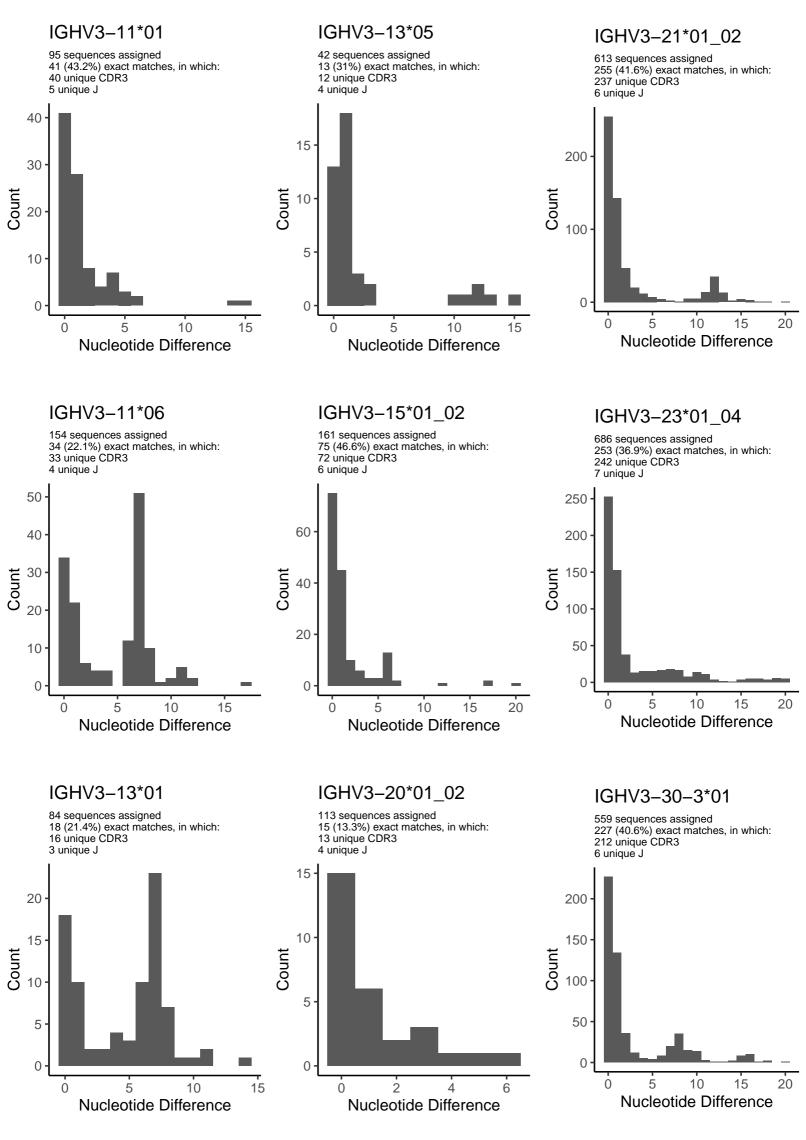
 $\exists \exists$

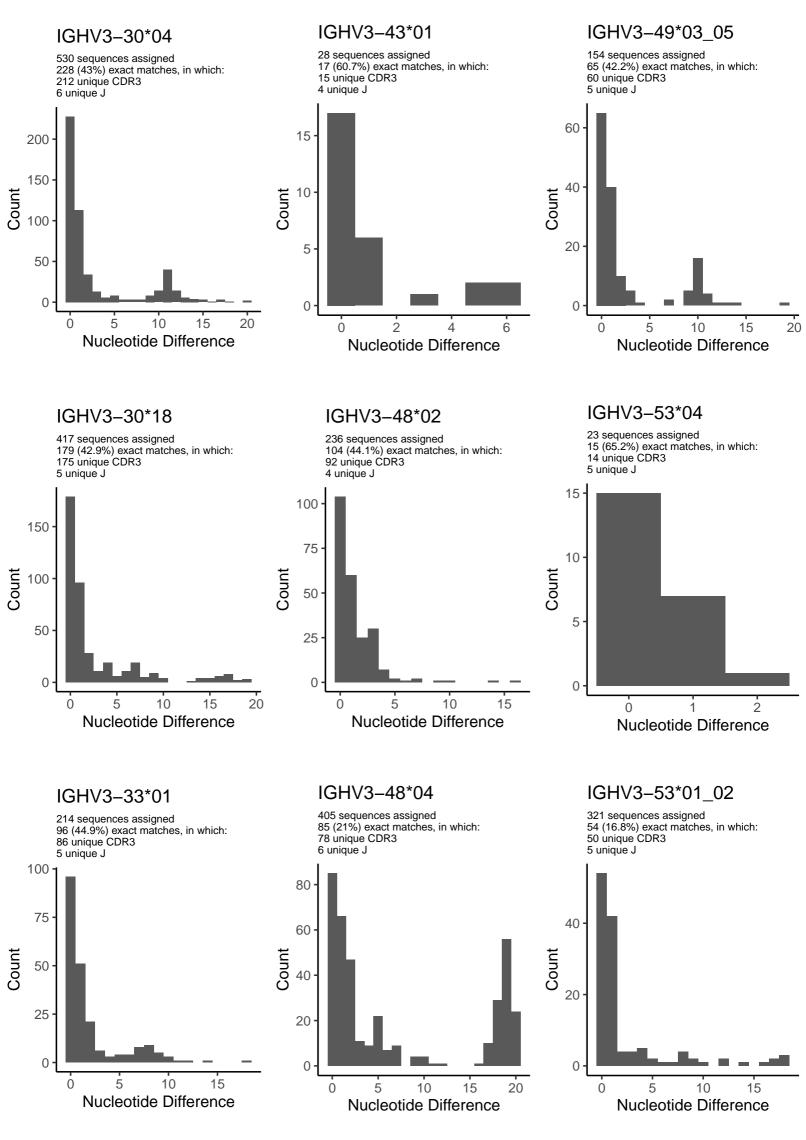
TGG TCT Triplet

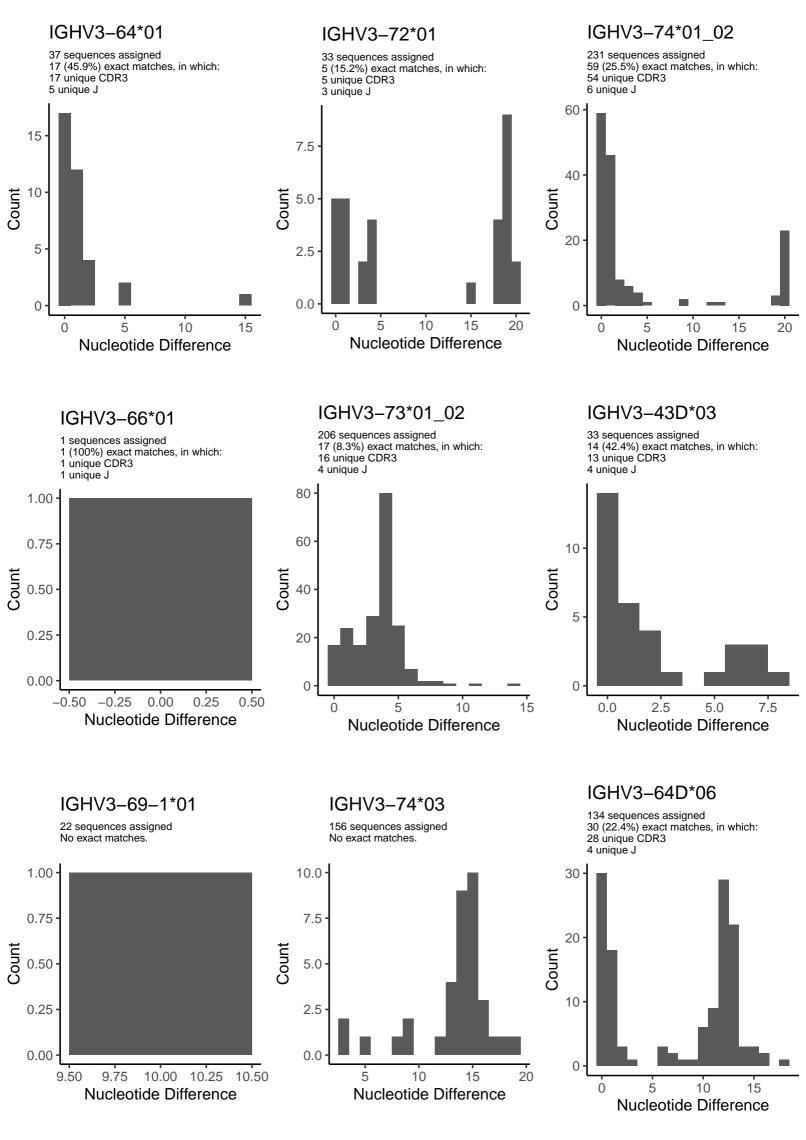
GAA GAC GCG GCG GTG

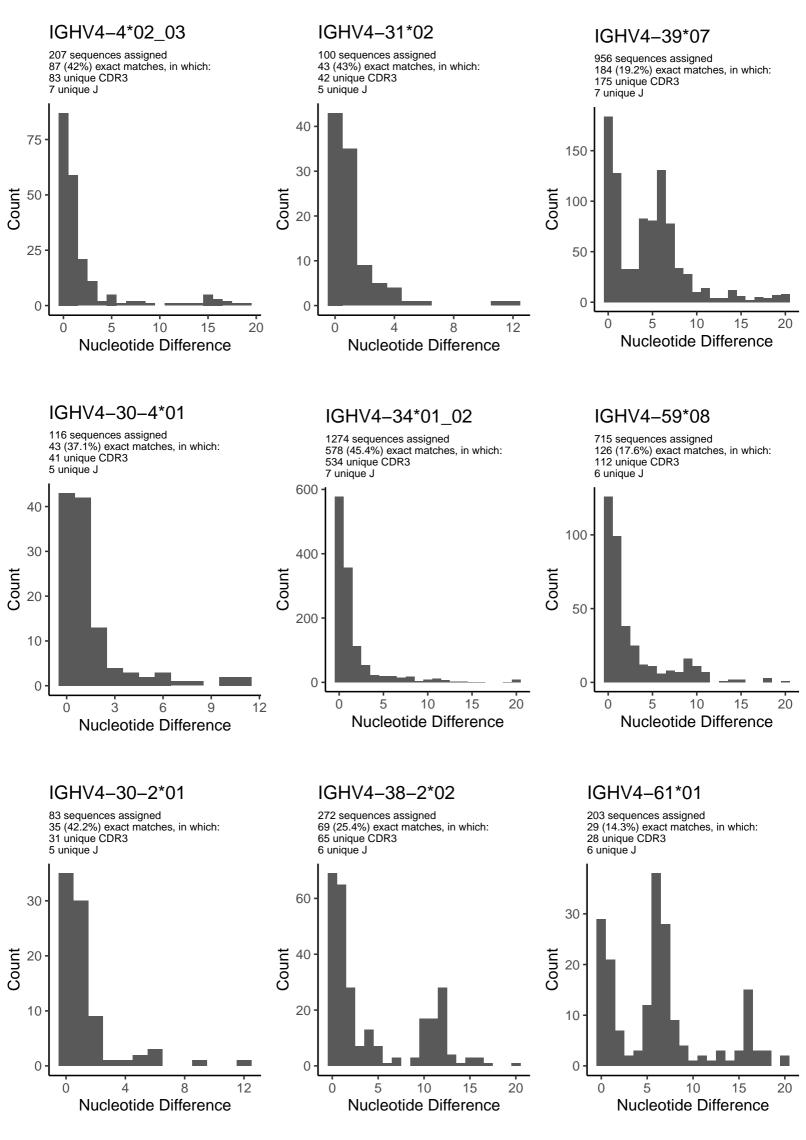




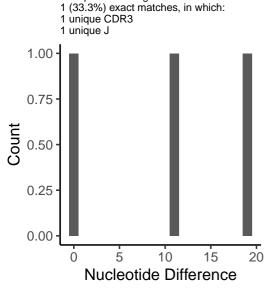




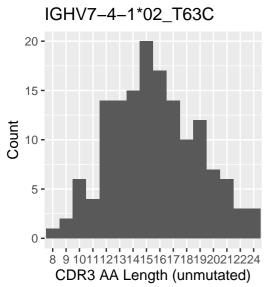


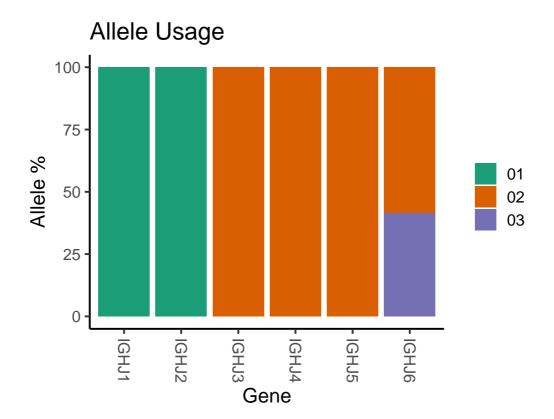


IGHV6-1*01_02 IGHV5-10-1*01_03 96 sequences assigned 26 (27.1%) exact matches, in which: 24 unique CDR3 316 sequences assigned 139 (44%) exact matches, in which: 127 unique CDR3 5 unique J 5 unique J 100 20 Count 50 10 0 0 10 0 10 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1*02_T63C IGHV5-51*04 317 sequences assigned 148 (46.7%) exact matches, in which: 3 sequences assigned No exact matches. 140 unique CDR3 7 unique J 1.00 -150 -0.75 100 Count 0.50 50 0.25 0.00 0 10.75 11.00 11.25 11.50 10.50 5 10 15 20 0 Nucleotide Difference Nucleotide Difference IGHV5-51*06



3 sequences assigned





Sequence Count by IGHJ6 allele usage

