

ACT ATC

ATT

CGG CCT CTA

TGG

TGA
TGC
TGT
TAA
TAC
TCT
TTC

ACA

**Triplet** 

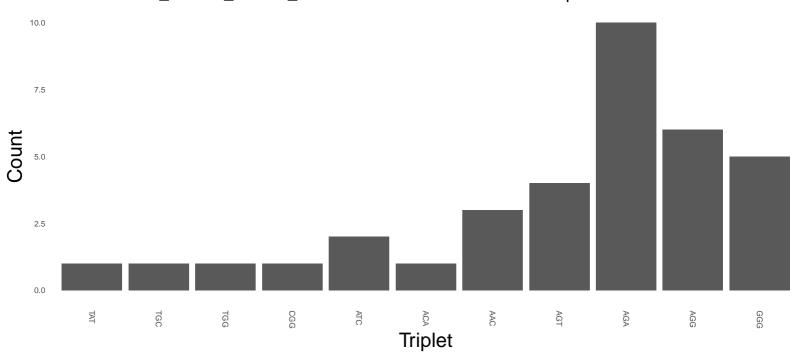
ACC

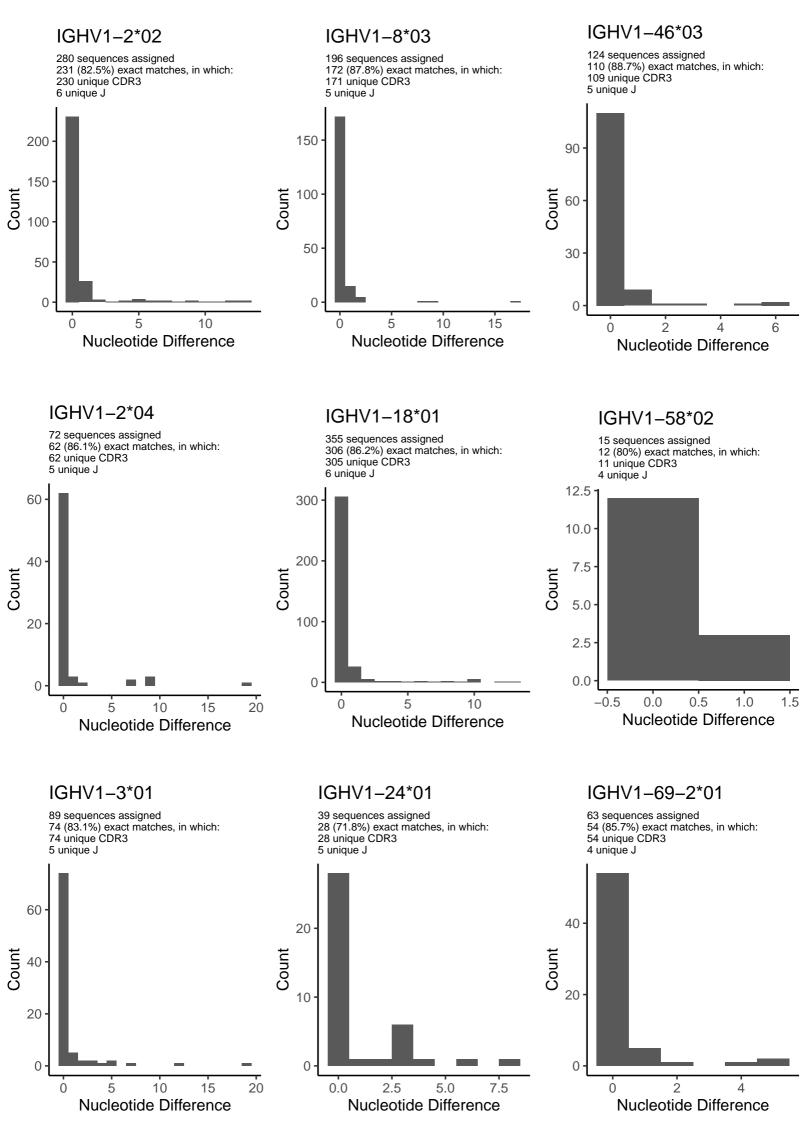
AAT ACG

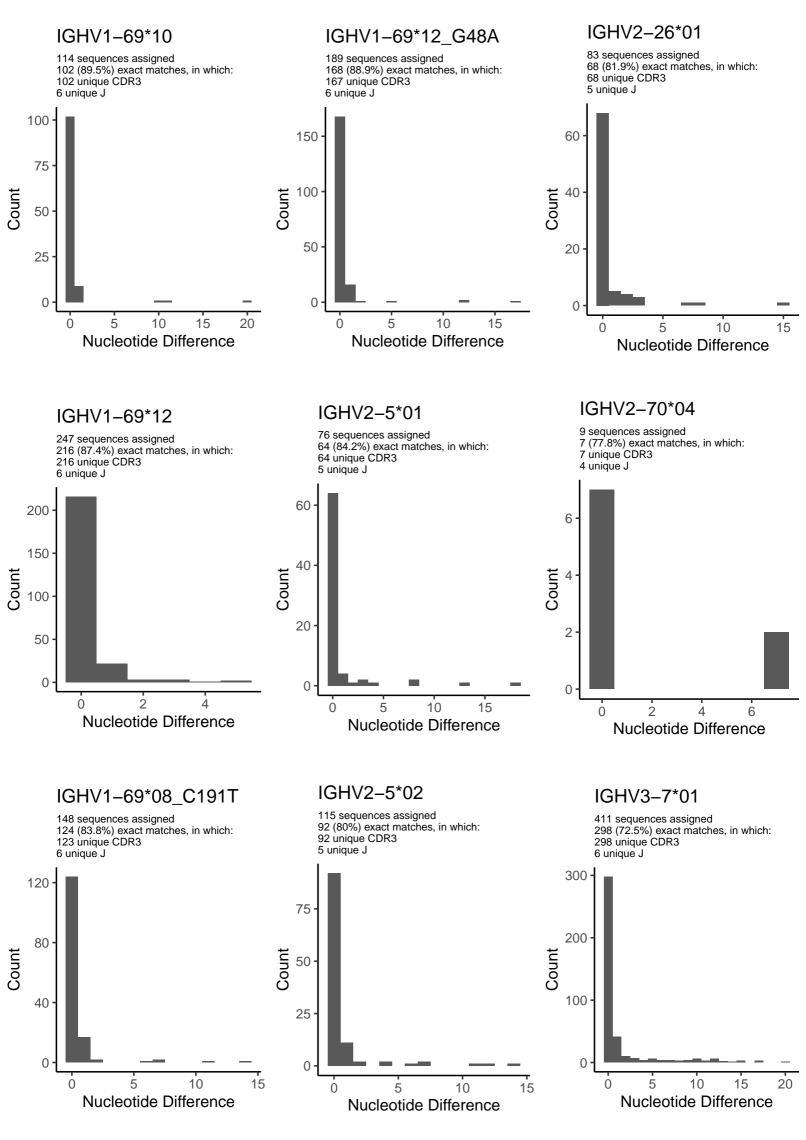
AAA AAC

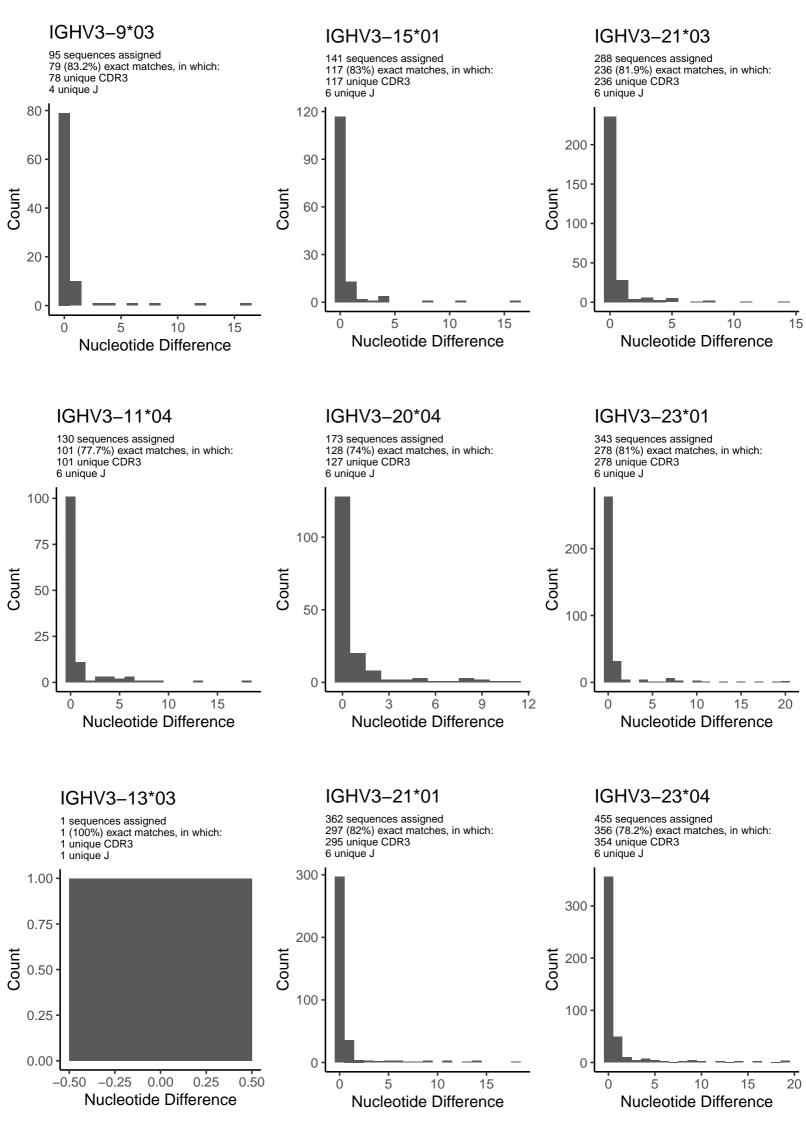
AGG AGA AGT GCG GCA GTG GGT

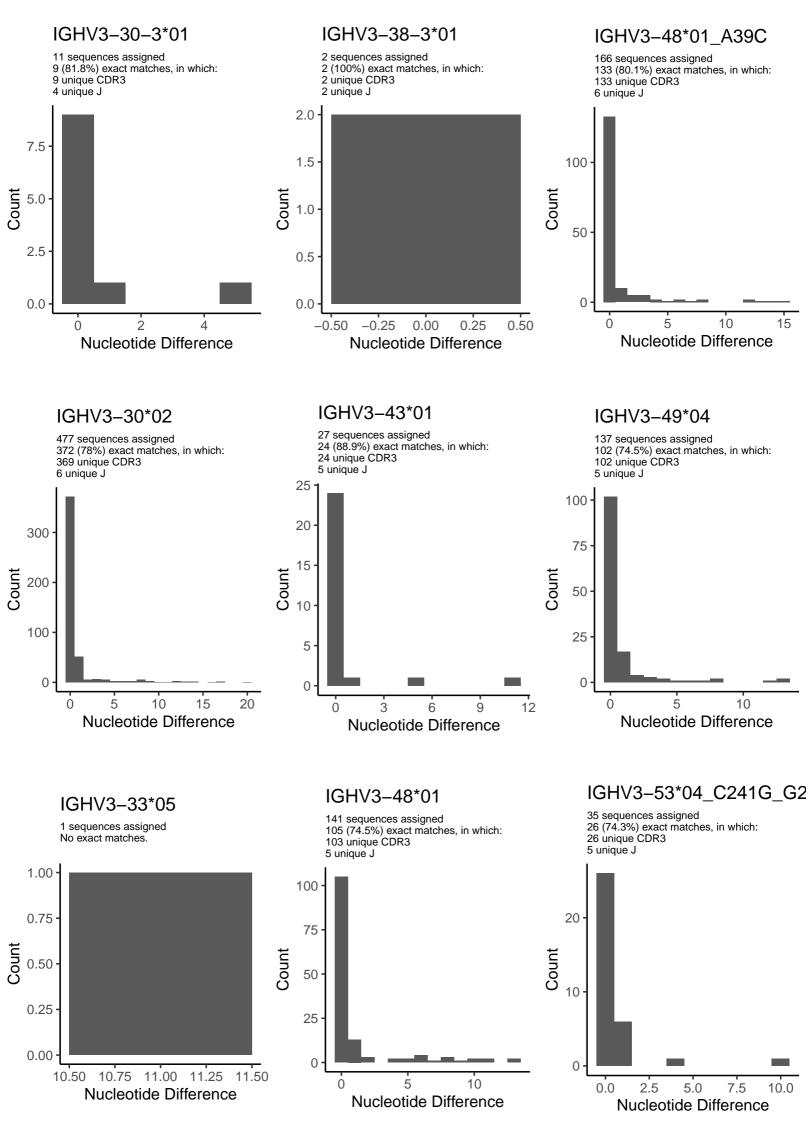
IGHV3-53\*04\_C241G\_G273A\_C300T- Final 3 nucleotides as a triplet

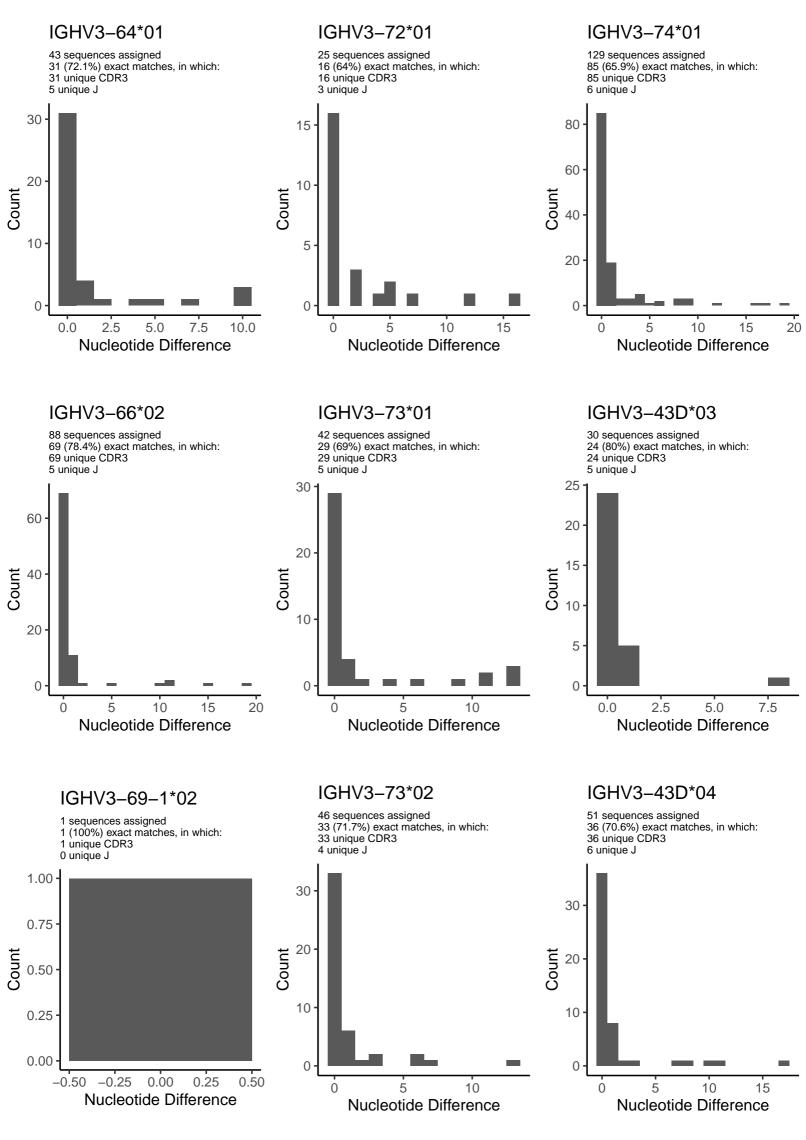


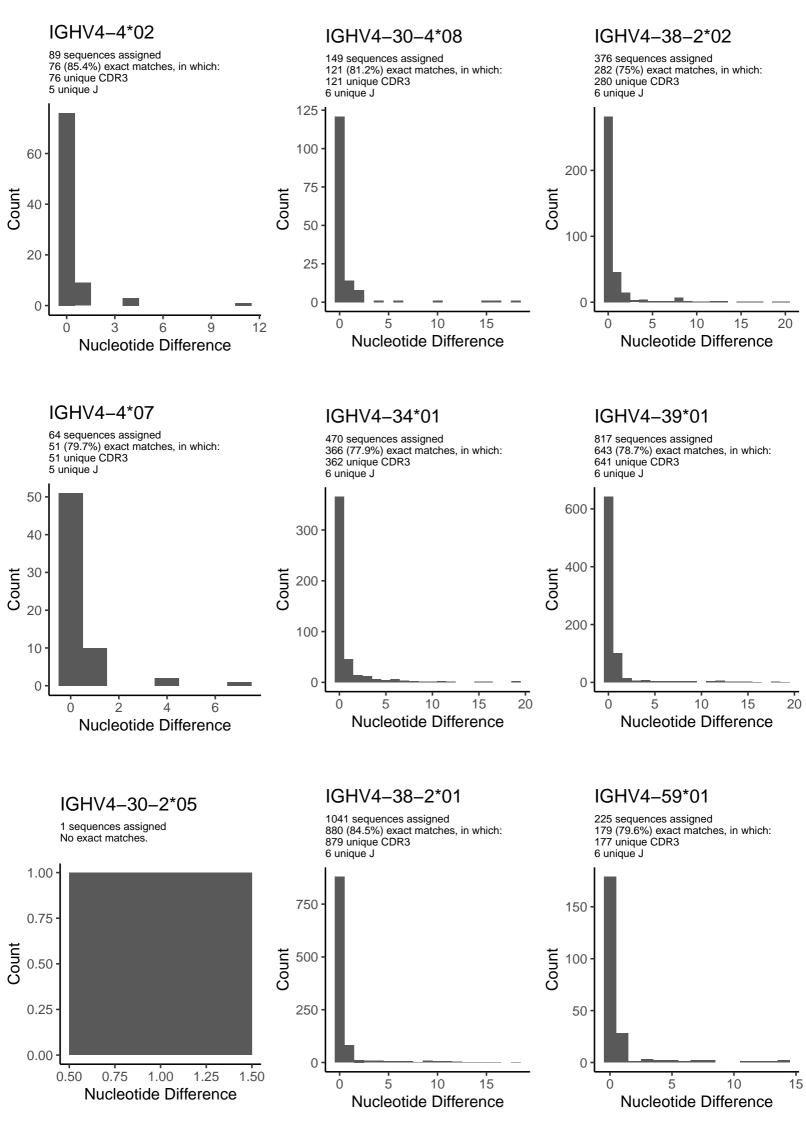












## IGHV4-59\*08 IGHV6-1\*01 94 sequences assigned 77 (81.9%) exact matches, in which: 77 unique CDR3 41 sequences assigned 27 (65.9%) exact matches, in which: 27 unique CDR3 4 unique J 6 unique J 80 60 20 Count Count 00 10 20 0 0 5 10 15 **Nucleotide Difference** Nucleotide Difference IGHV4-61\*02 IGHV7-4-1\*02 194 sequences assigned 148 (76.3%) exact matches, in which: 131 sequences assigned 102 (77.9%) exact matches, in which: 147 unique CDR3 102 unique CDR3 6 unique J 6 unique J 150 -100 75 100 Count 50 50 25 0 0 5 10 15 0 8 0 **Nucleotide Difference** Nucleotide Difference IGHV5-51\*01

404 sequences assigned 317 (78.5%) exact matches, in which: 317 unique CDR3 6 unique J

