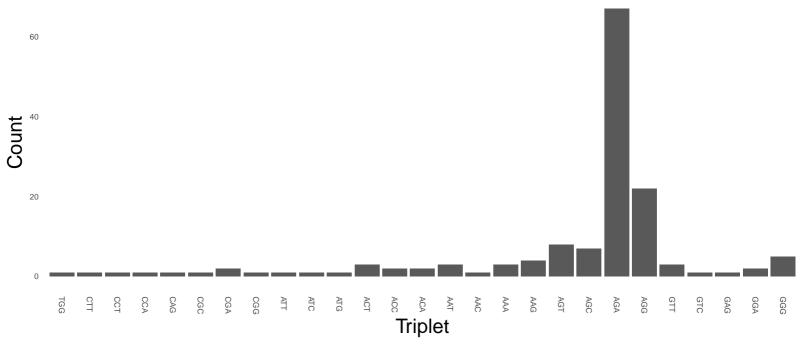
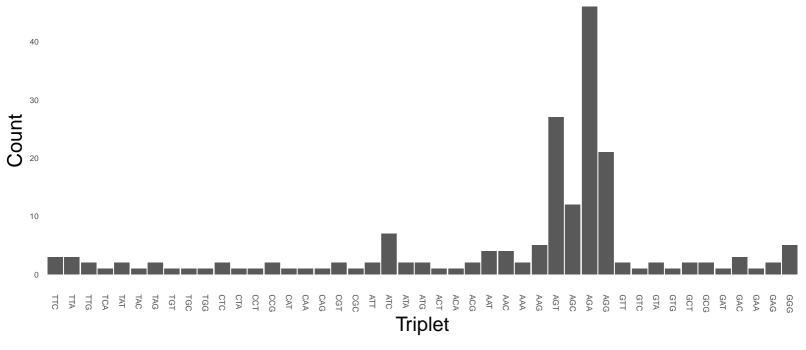
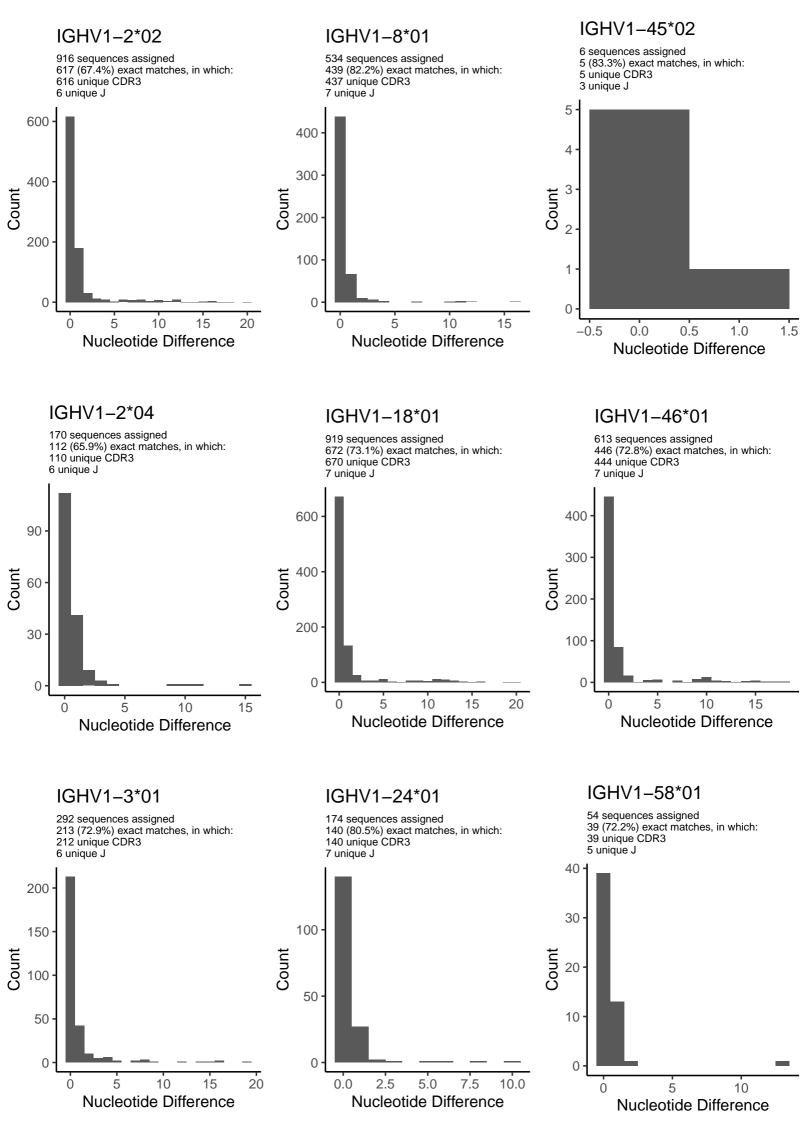


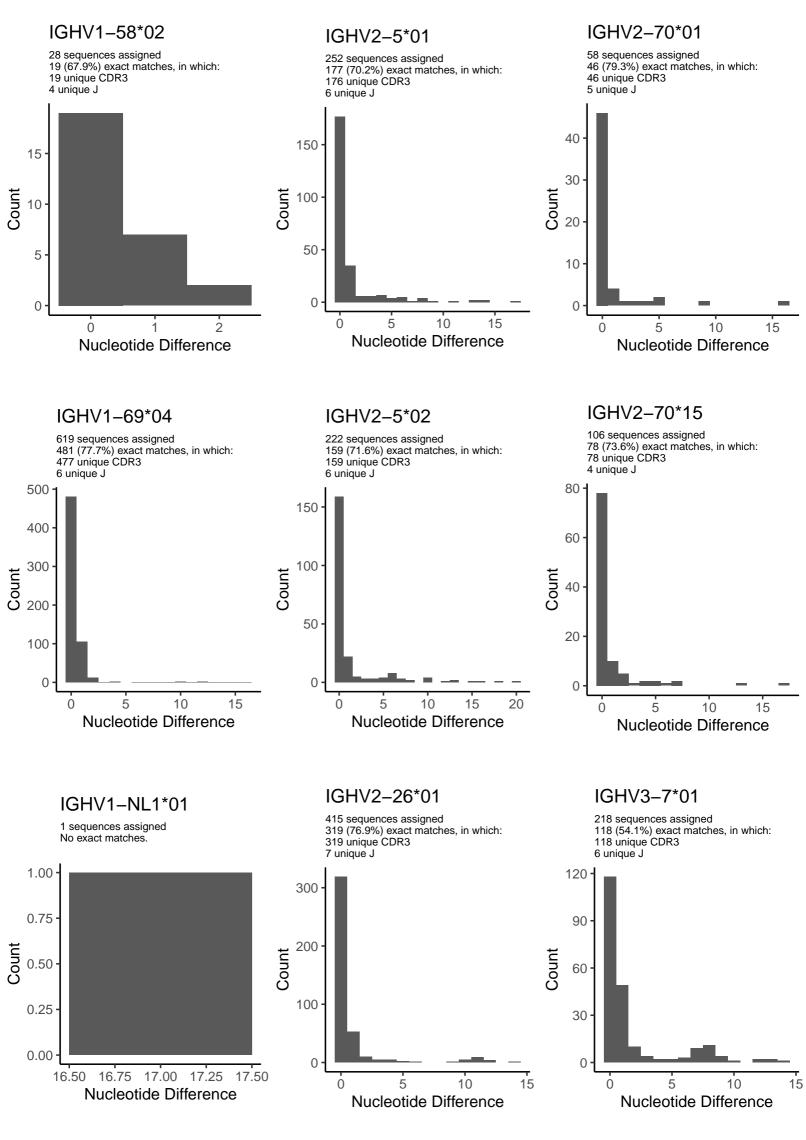
IGHV3-30\*18\_T158G- Final 3 nucleotides as a triplet

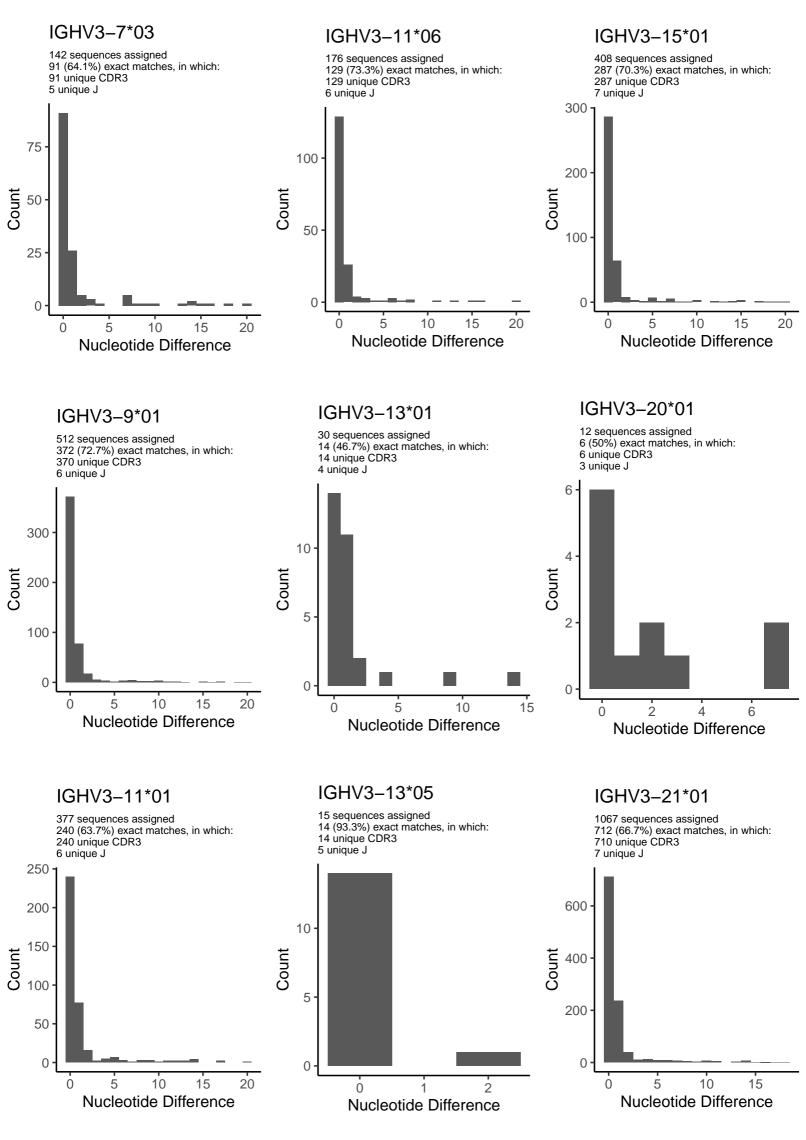


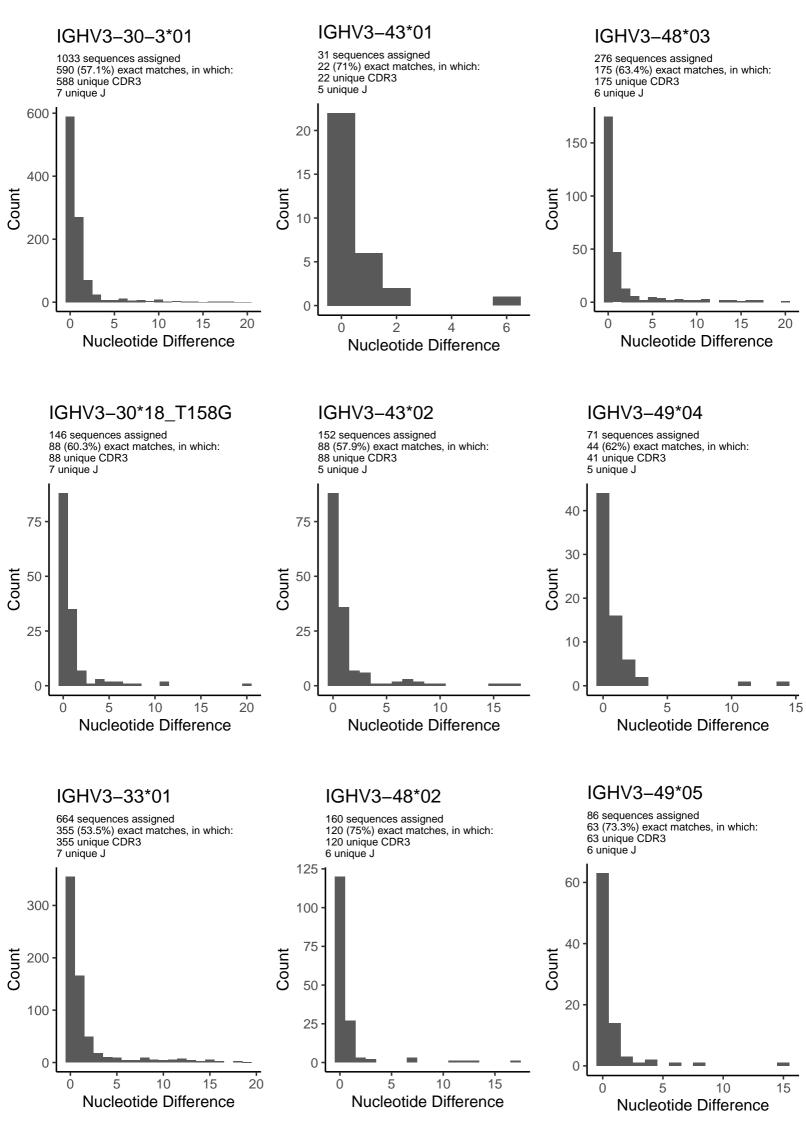
IGHV4-4\*02\_C20T- Final 3 nucleotides as a triplet

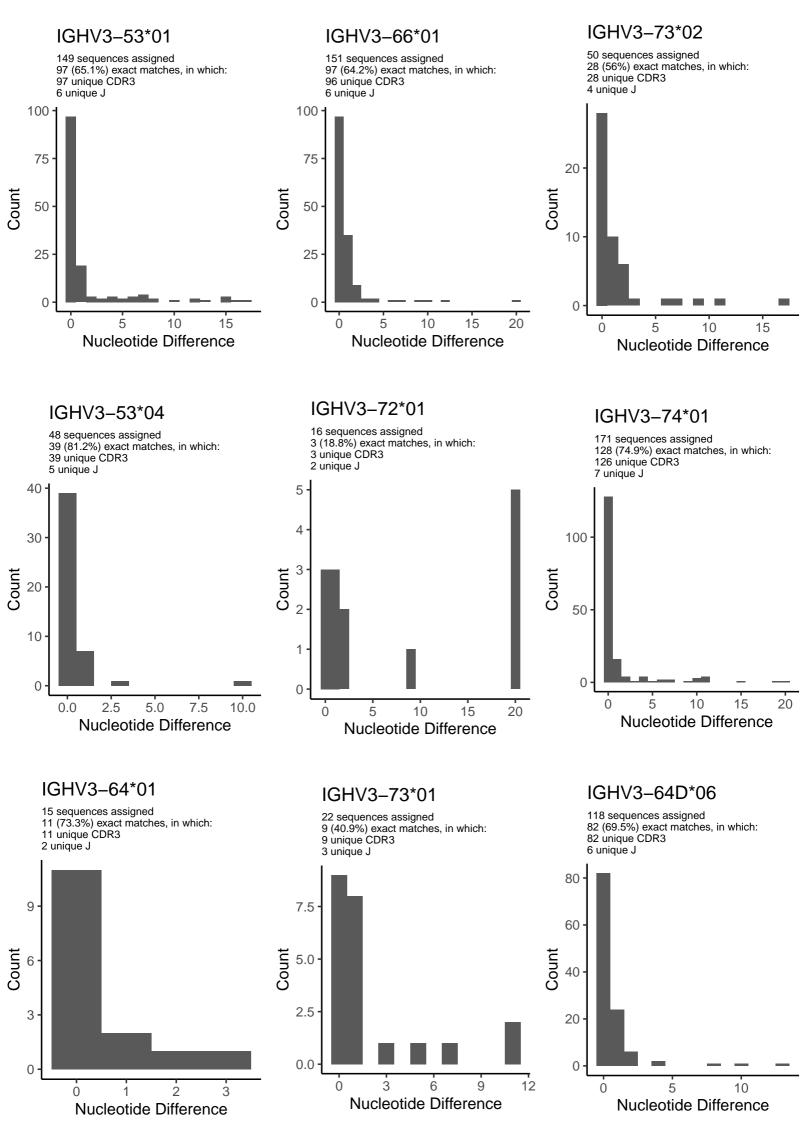


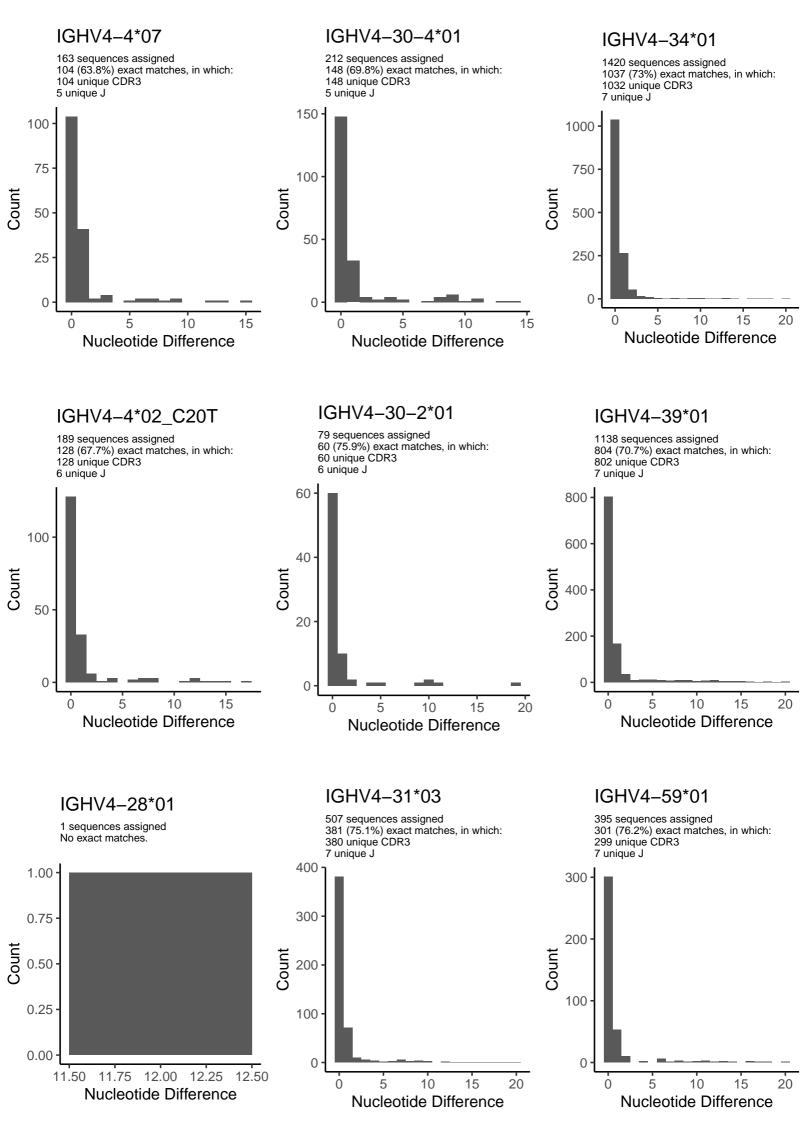




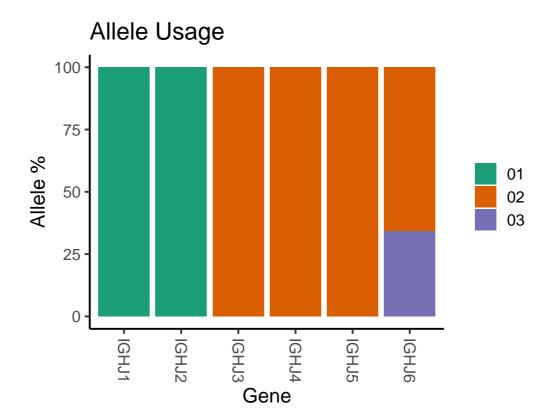




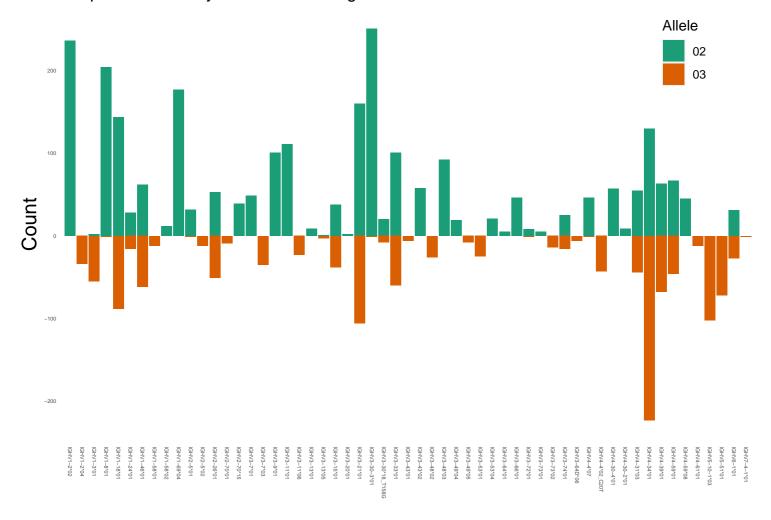




## IGHV4-59\*08 IGHV5-51\*01 140 sequences assigned 93 (66.4%) exact matches, in which: 392 sequences assigned 248 (63.3%) exact matches, in which: 248 unique CDR3 92 unique CDR3 6 unique J 6 unique J 250 -75 200 150 Count 150 Count 50 25 50 0 0 5 10 15 20 0 5 10 15 **Nucleotide Difference** Nucleotide Difference IGHV4-61\*01 IGHV6-1\*01 46 sequences assigned 31 (67.4%) exact matches, in which: 31 unique CDR3 4 unique J 183 sequences assigned 120 (65.6%) exact matches, in which: 120 unique CDR3 6 unique J 125 30 100 20 75 Count Count 50 10 25 0 0 5 10 15 20 0 10 0 15 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1\*01 IGHV5-10-1\*03 4 sequences assigned 4 (100%) exact matches, in which: 4 unique CDR3 393 sequences assigned 280 (71.2%) exact matches, in which: 279 unique CDR3 3 unique J 6 unique J 3 200 Count 2 Count 100 1 0 10 20 -0.250.00 0.25 0.50 -0.50**Nucleotide Difference Nucleotide Difference**



## Sequence Count by IGHJ6 allele usage



Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.