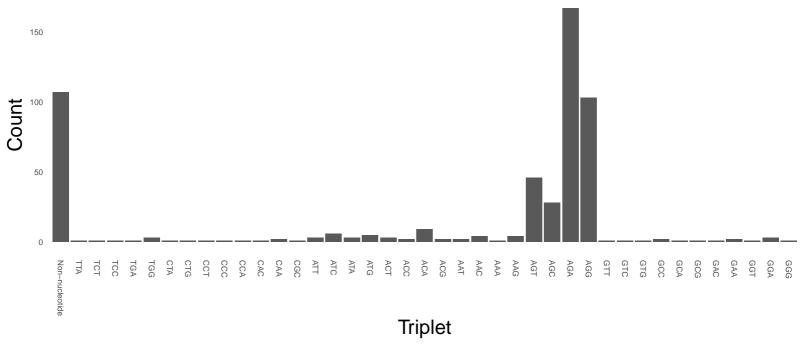
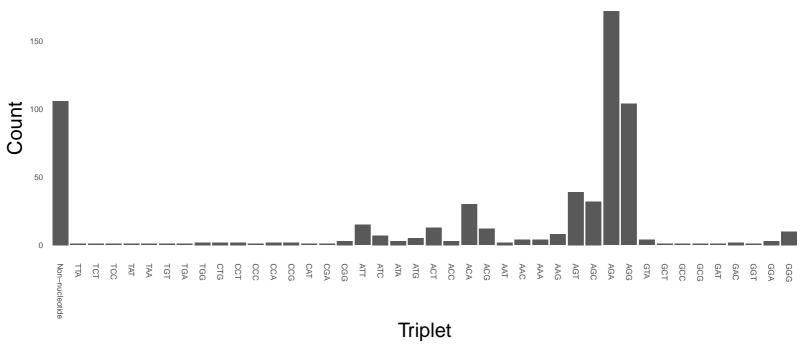
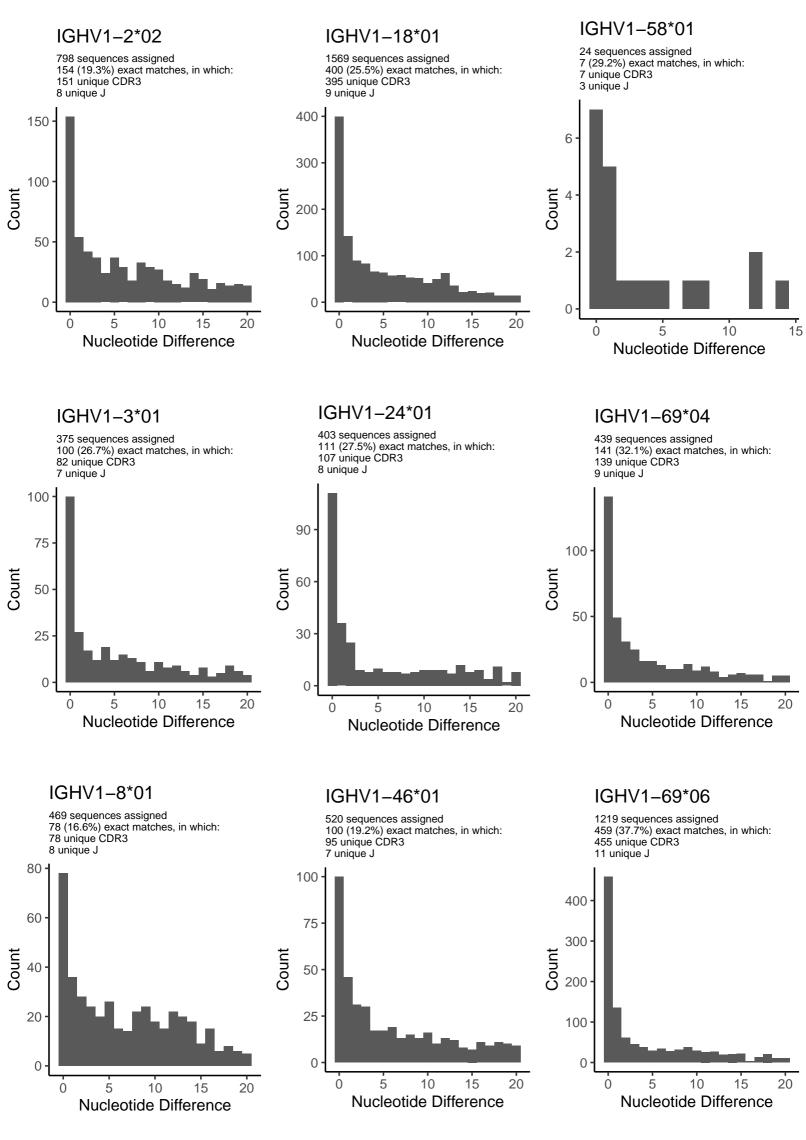


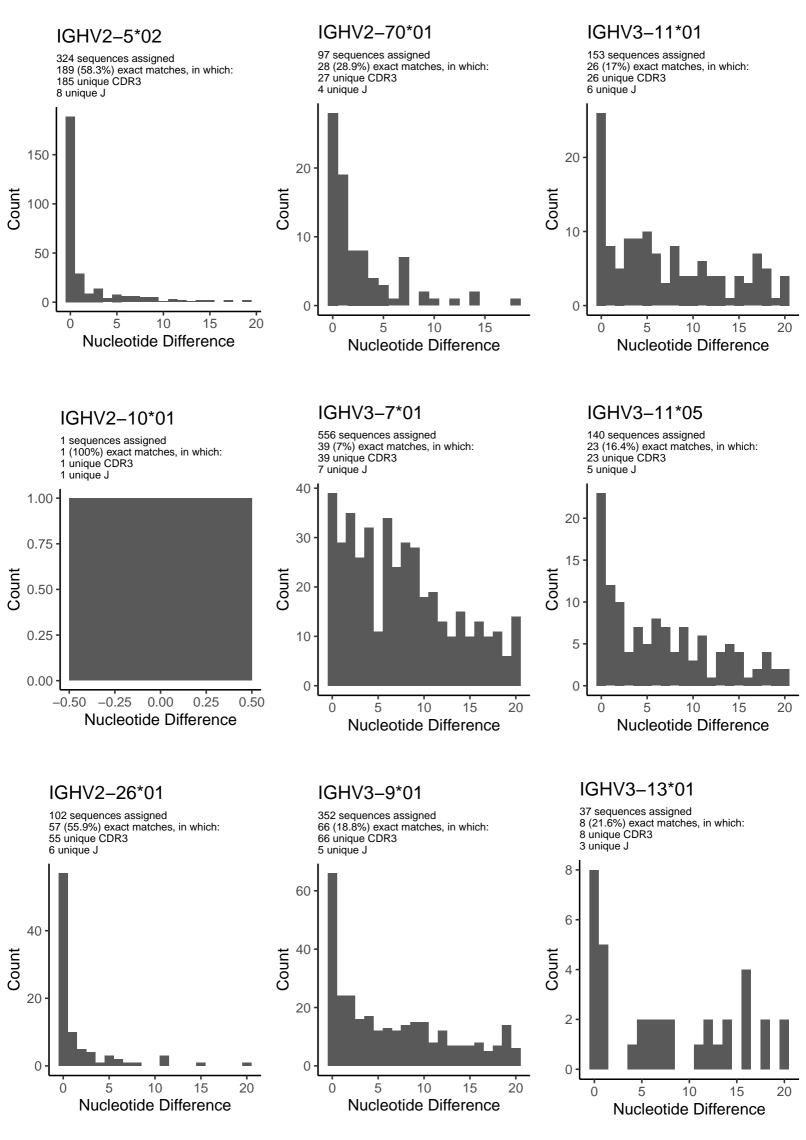
IGHV4-34*01_T300C- Final 3 nucleotides as a triplet

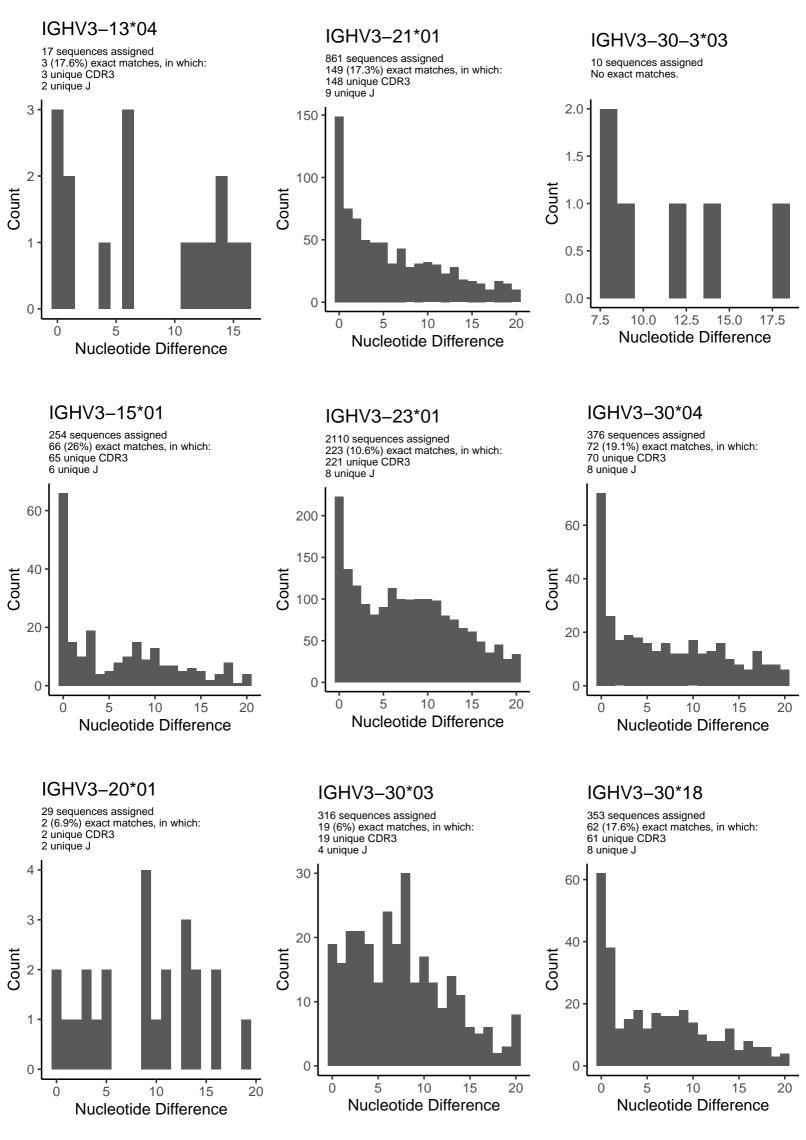


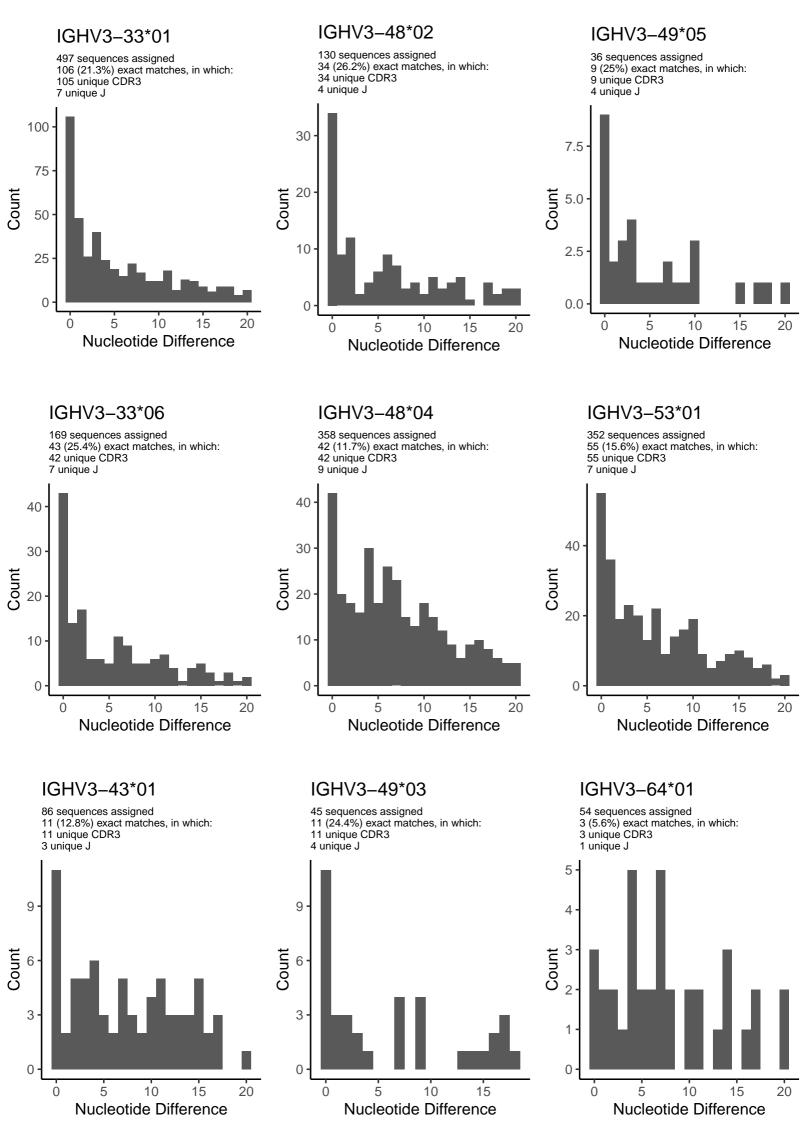
IGHV4-59*01_T288C- Final 3 nucleotides as a triplet



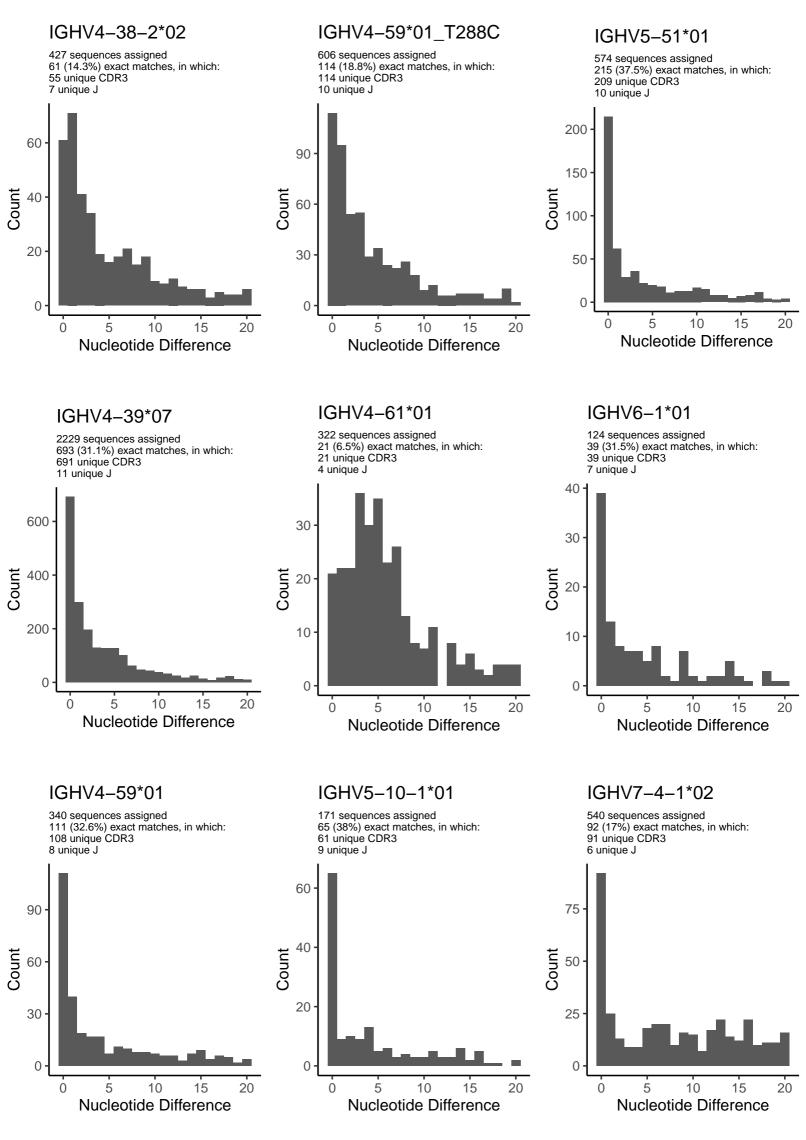


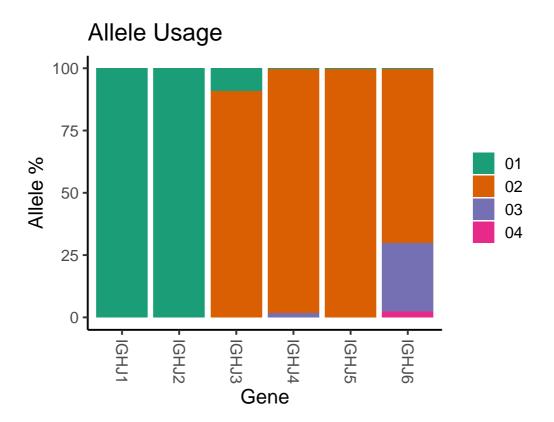






IGHV3-66*01 IGHV3-74*01 IGHV4-31*03 338 sequences assigned 20 (5.9%) exact matches, in which: 482 sequences assigned 32 (6.6%) exact matches, in which: 694 sequences assigned 123 (17.7%) exact matches, in which: 20 unique CDR3 30 unique CDR3 121 unique CDR3 6 unique J 6 unique J 9 unique J 30 125 30 100 20 20 75 Count Count Count 50 10 25 0 0 0 5 10 15 20 0 0 10 15 5 10 15 20 5 0 Nucleotide Difference **Nucleotide Difference** Nucleotide Difference IGHV3-72*01 IGHV4-34*01 IGHV3-NL1*01 14 sequences assigned 692 sequences assigned 287 (41.5%) exact matches, in which: 118 sequences assigned 1 (7.1%) exact matches, in which: No exact matches. 1 uniqué CDR3 282 unique CDR3 0 unique J 10 unique J 300 2.0 10 1.5 200 Count Count 1.0 5 100 0.5 0 0.0 20 15 5 10 0 10 15 20 15 0 5 10 0 5 **Nucleotide Difference** Nucleotide Difference Nucleotide Difference IGHV3-73*01 IGHV4-4*07 IGHV4-34*01_T300C 31 sequences assigned 2 (6.5%) exact matches, in which: 2 unique CDR3 163 sequences assigned 526 sequences assigned 39 (23.9%) exact matches, in which: 138 (26.2%) exact matches, in which: 35 unique CDR3 138 unique CDR3 2 unique J 7 unique J 8 unique J 40 30 3 100 Count Count 20 50 10 1 0 0 0 10 15 20 0 0 10 15 20 15 20 0 5 10 Nucleotide Difference Nucleotide Difference Nucleotide Difference





Sequence Count by IGHJ6 allele usage

