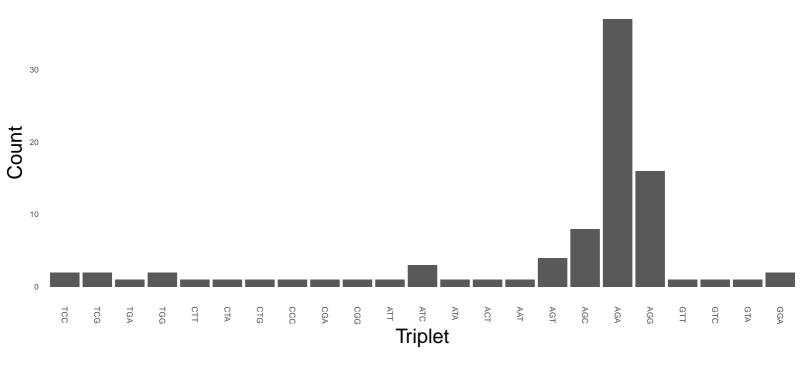
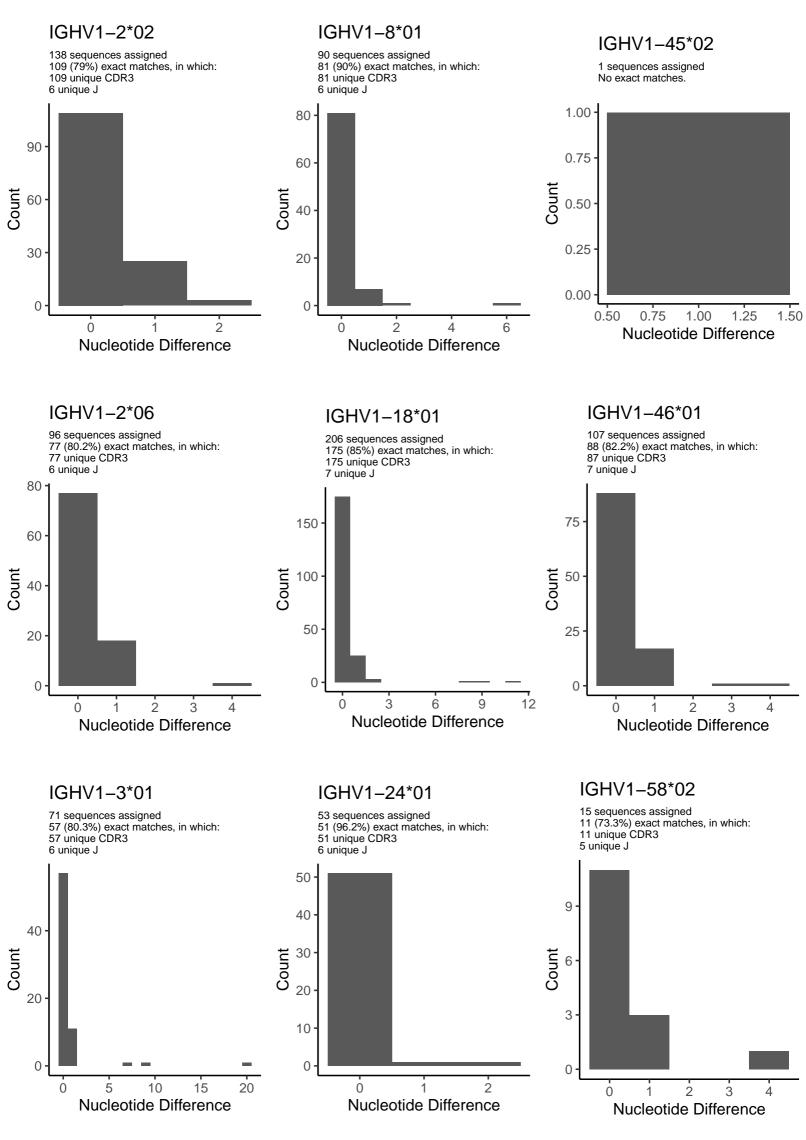
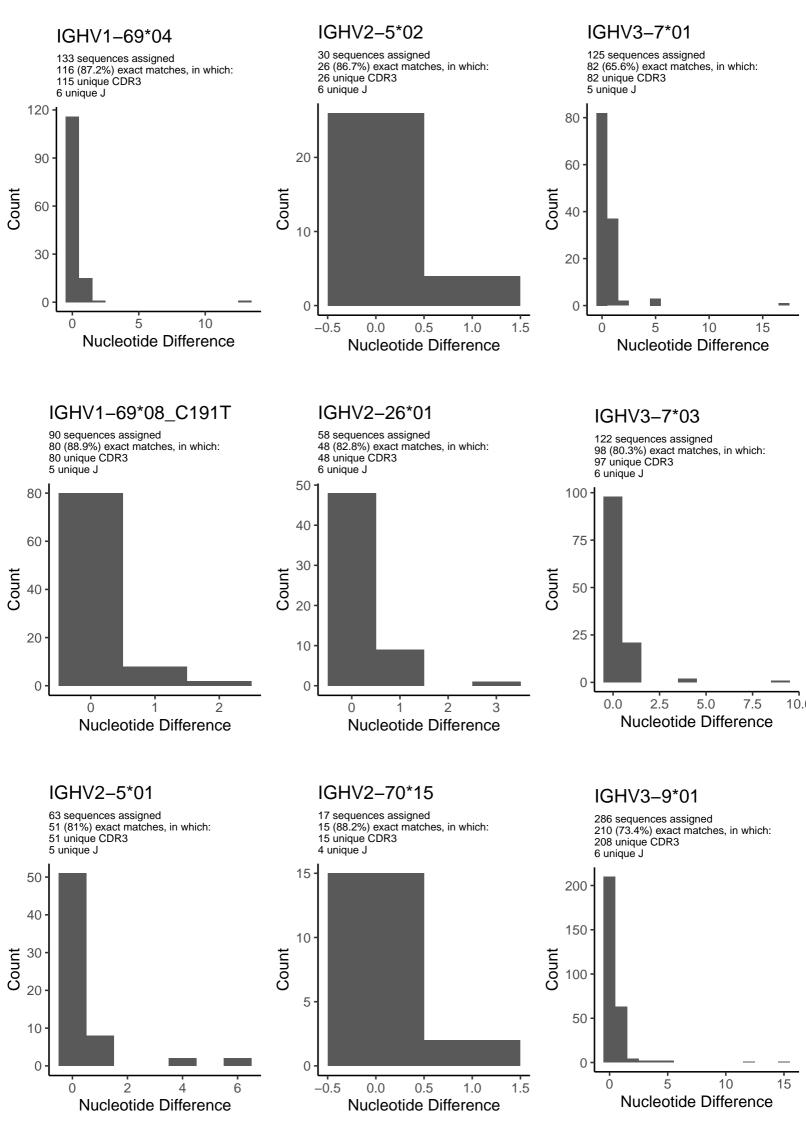
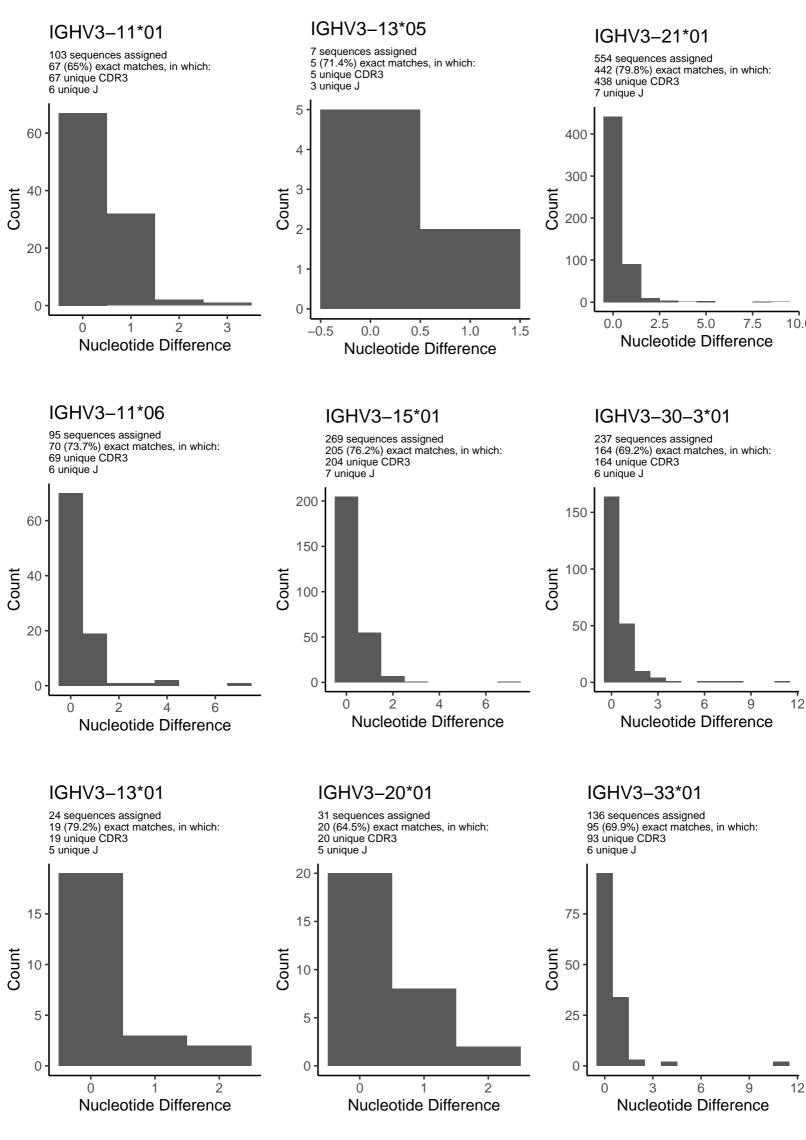


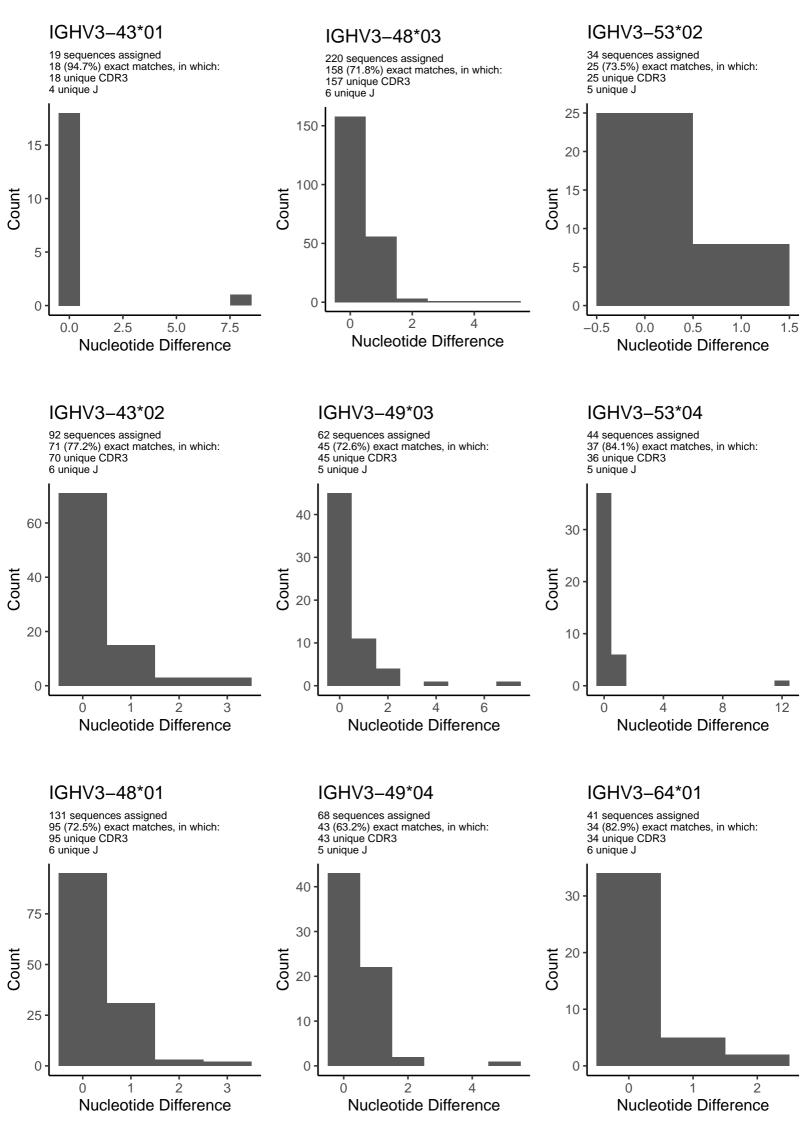
IGHV1-69*08_C191T- Final 3 nucleotides as a triplet

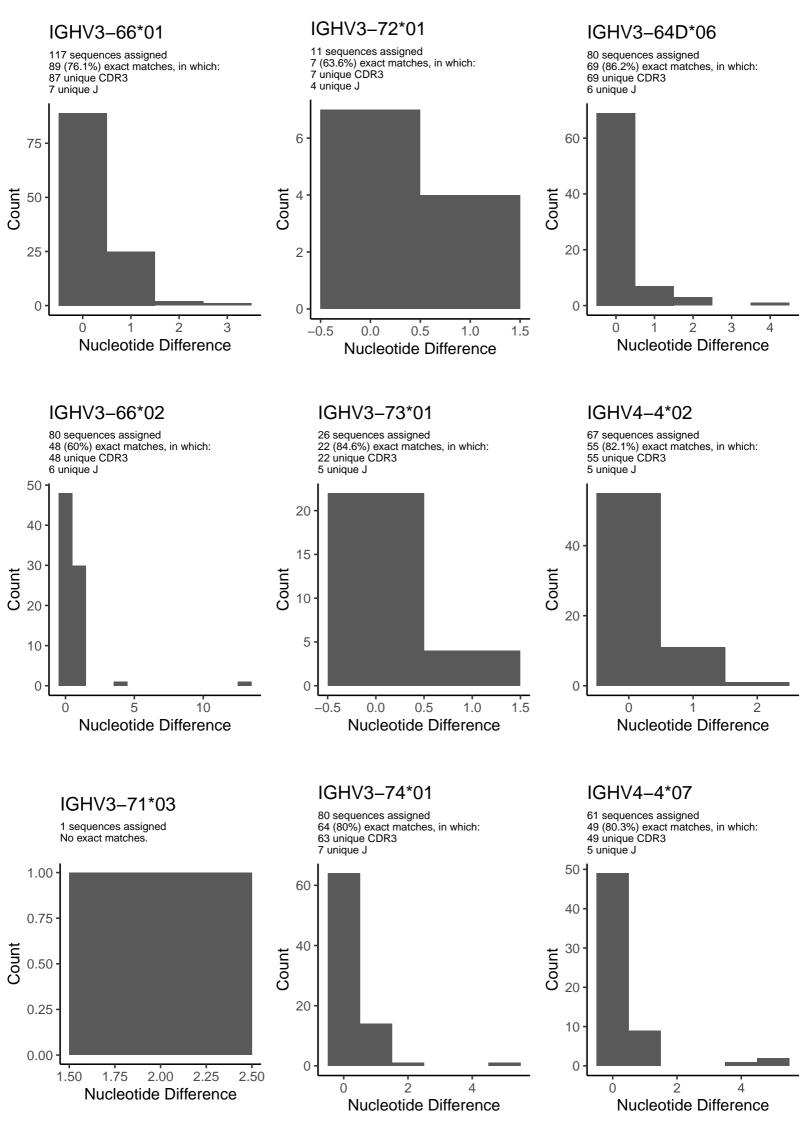


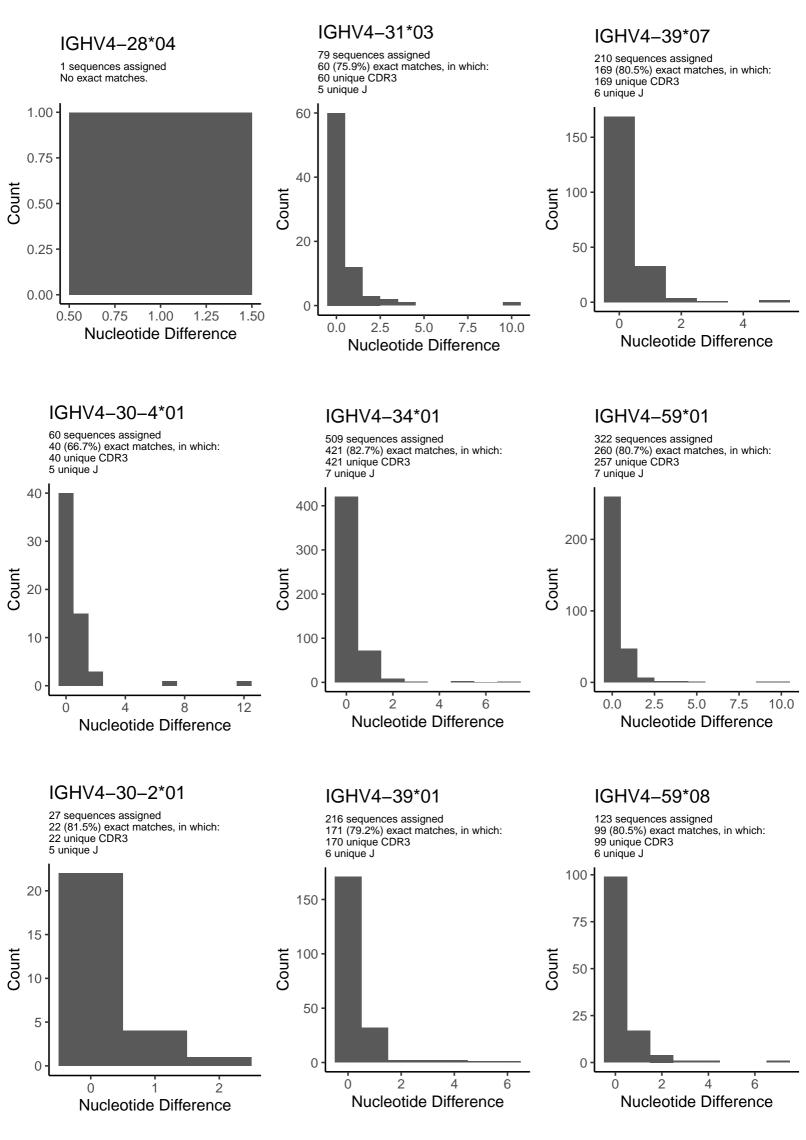






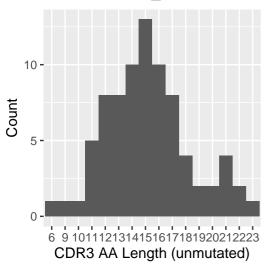


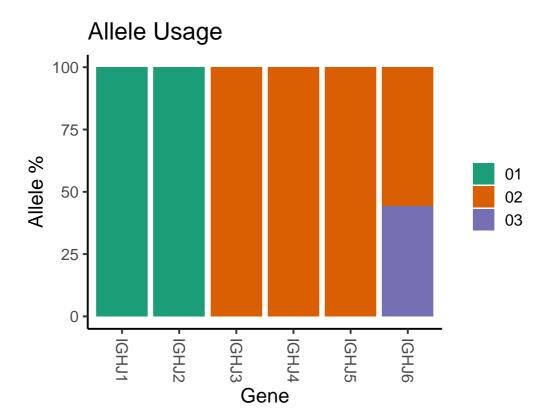




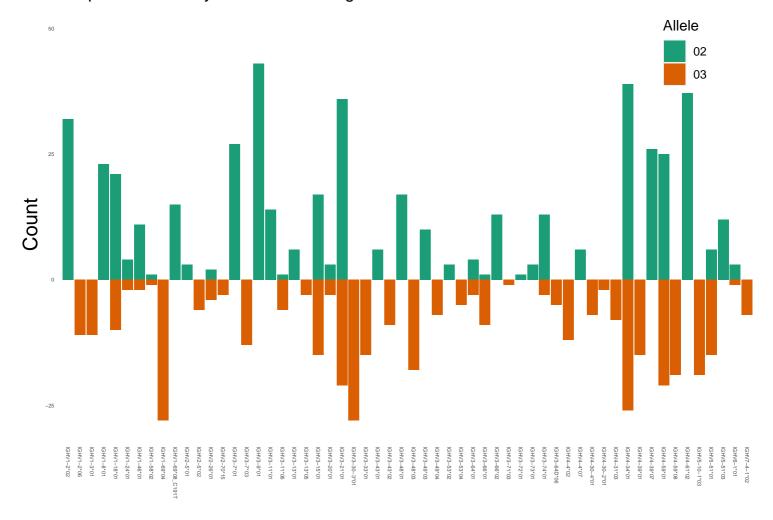
IGHV5-51*03 IGHV4-61*02 96 sequences assigned 237 sequences assigned 171 (72.2%) exact matches, in which: 87 (90.6%) exact matches, in which: 171 unique CDR3 86 unique CDR3 5 unique J 6 unique J 150 75 Count 50 Count 100 50 25 0 0 20 10 15 0.0 2.5 5.0 7.5 **Nucleotide Difference** Nucleotide Difference IGHV5-10-1*03 IGHV6-1*01 91 sequences assigned 85 (93.4%) exact matches, in which: 85 unique CDR3 54 sequences assigned 47 (87%) exact matches, in which: 47 unique CDR3 6 unique J 6 unique J 80 40 60 30 Count 40 20 20 10 0 0 -0.50.0 0.5 1.0 1.5 0 **Nucleotide Difference** Nucleotide Difference IGHV7-4-1*02 IGHV5-51*01 35 sequences assigned 176 sequences assigned 31 (88.6%) exact matches, in which: 123 (69.9%) exact matches, in which: 30 unique CDR3 5 unique J 123 unique CDR3 7 unique J 125 30 100 20 75 Count 50 10 25 0 0 2.5 5.0 **Nucleotide Difference** Nucleotide Difference

IGHV1-69*08_C191T





Sequence Count by IGHJ6 allele usage



Warning – no inferred sequences found. Warning - no inferred sequences found. Warning - no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found.