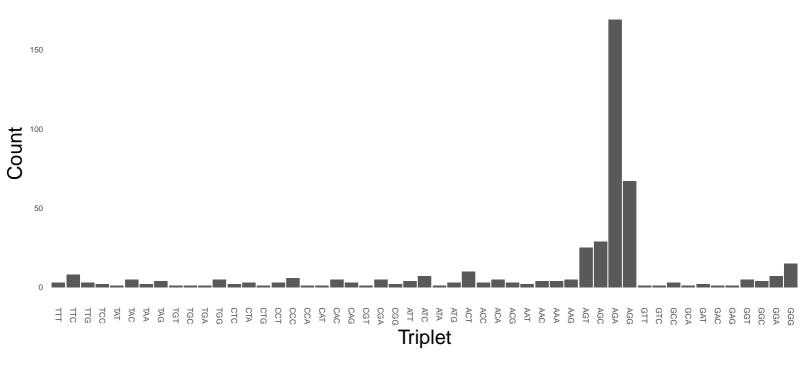
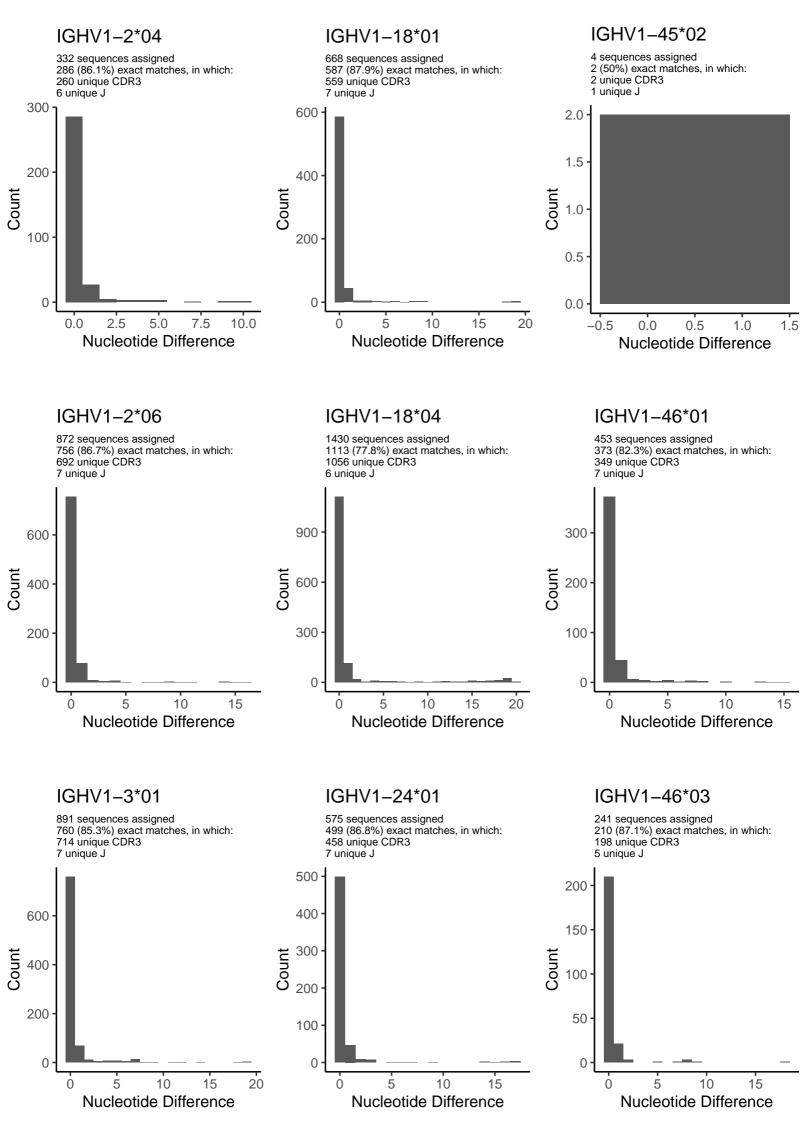
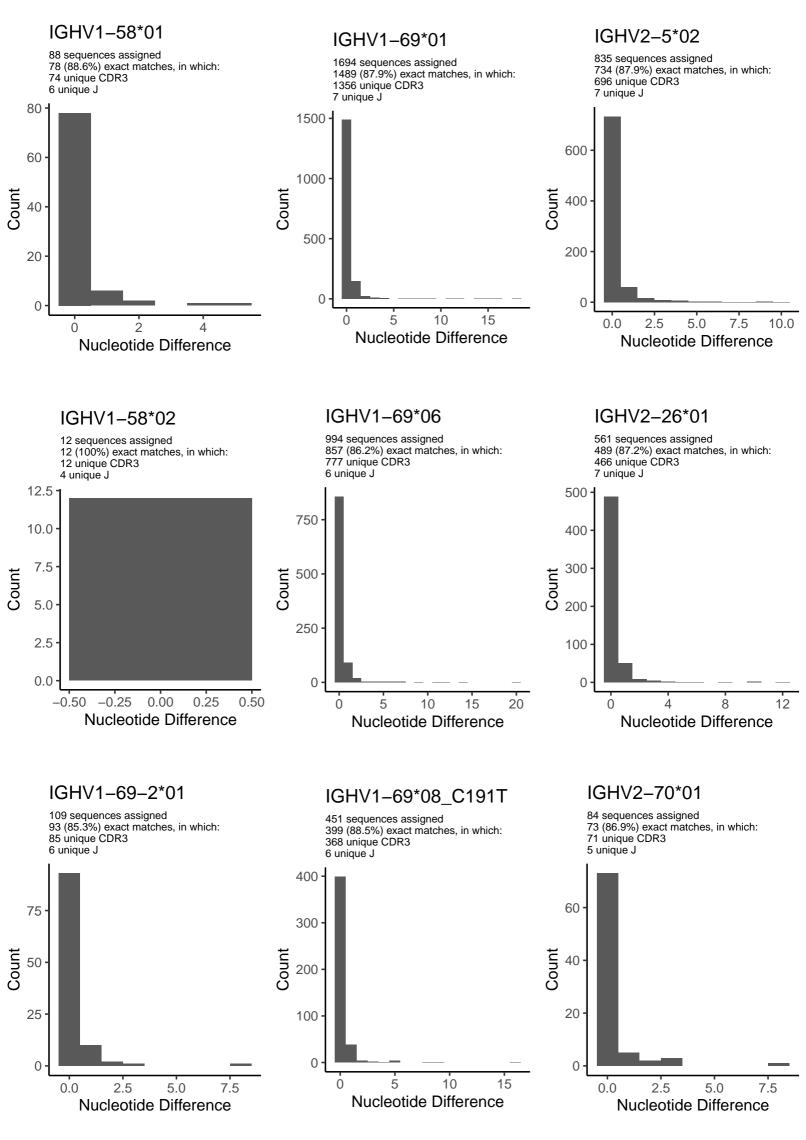
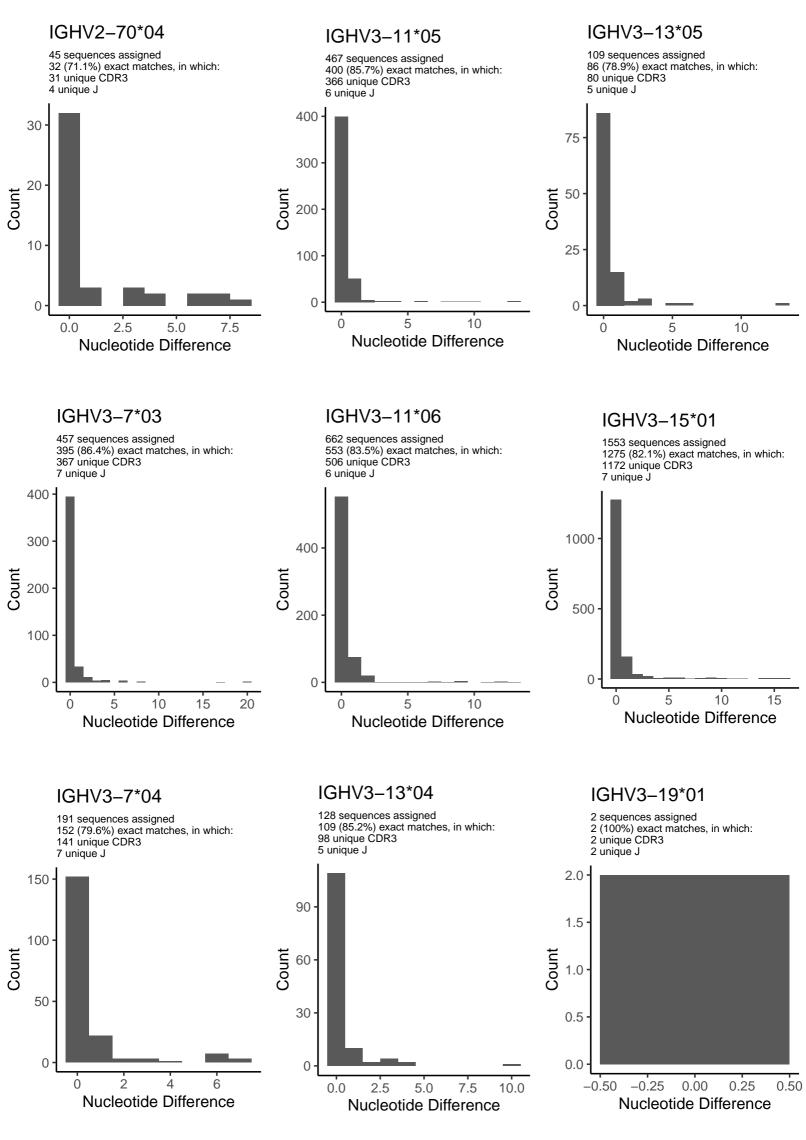


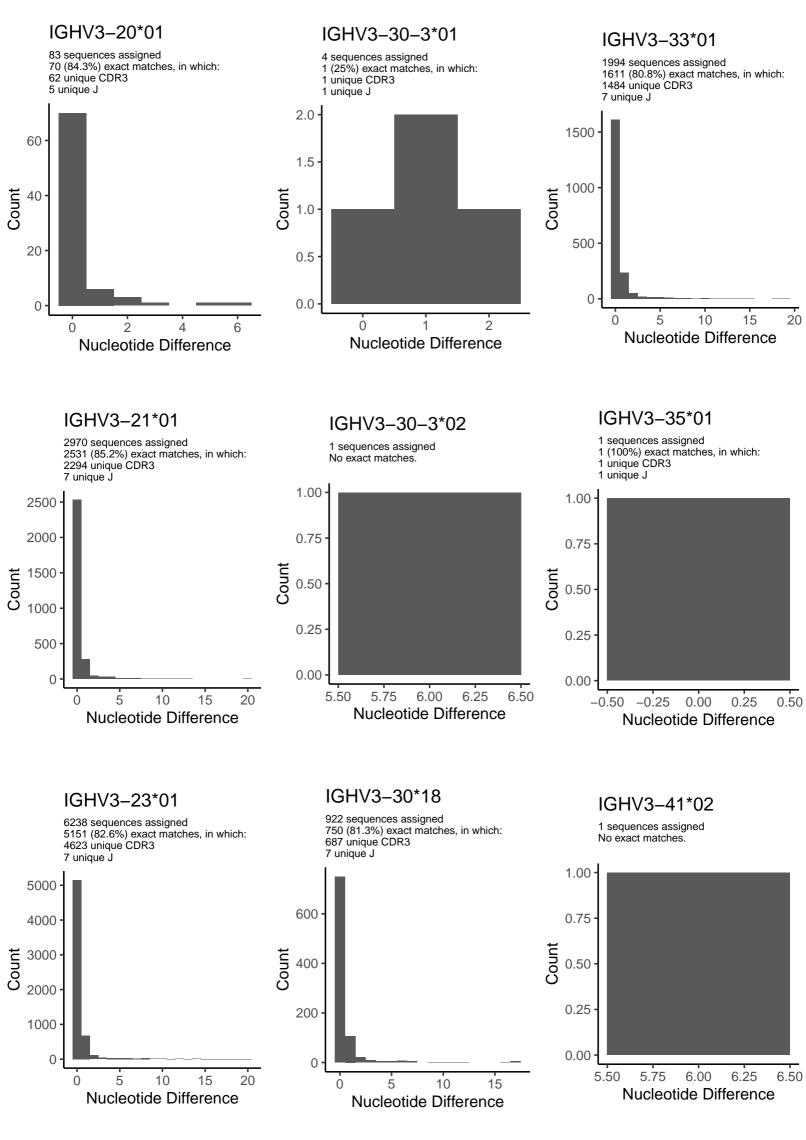
IGHV1-69*08_C191T- Final 3 nucleotides as a triplet

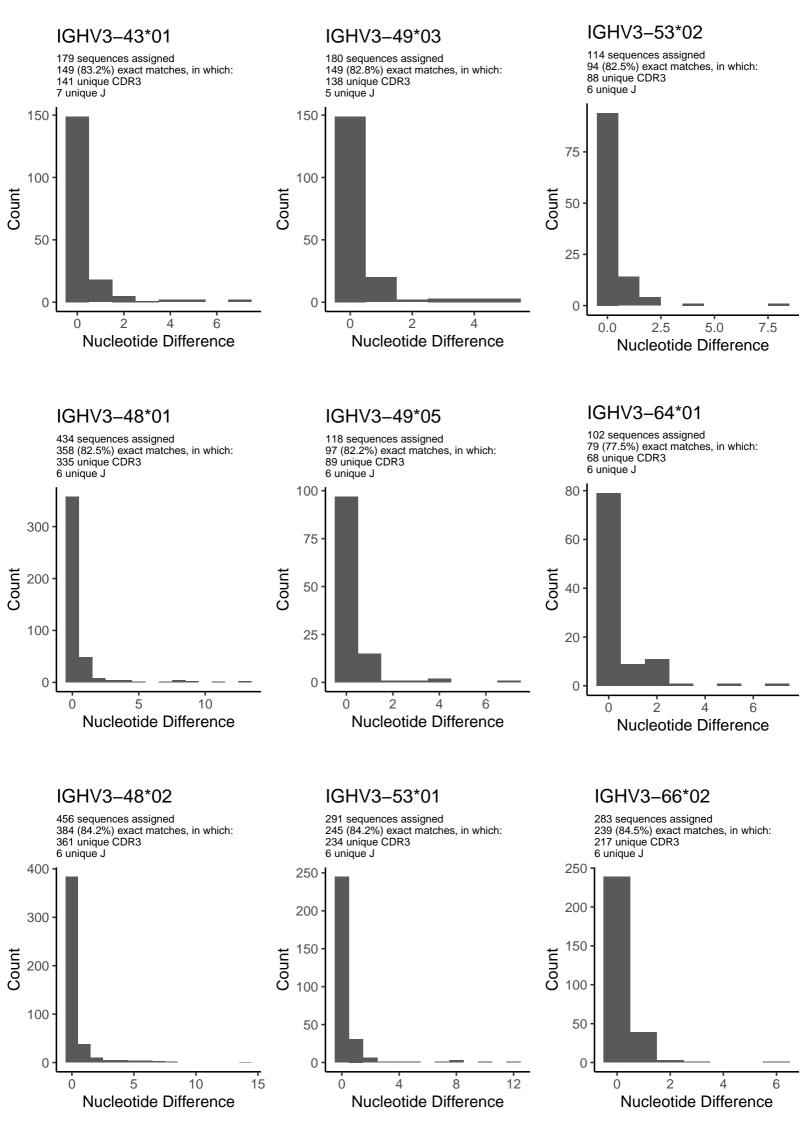


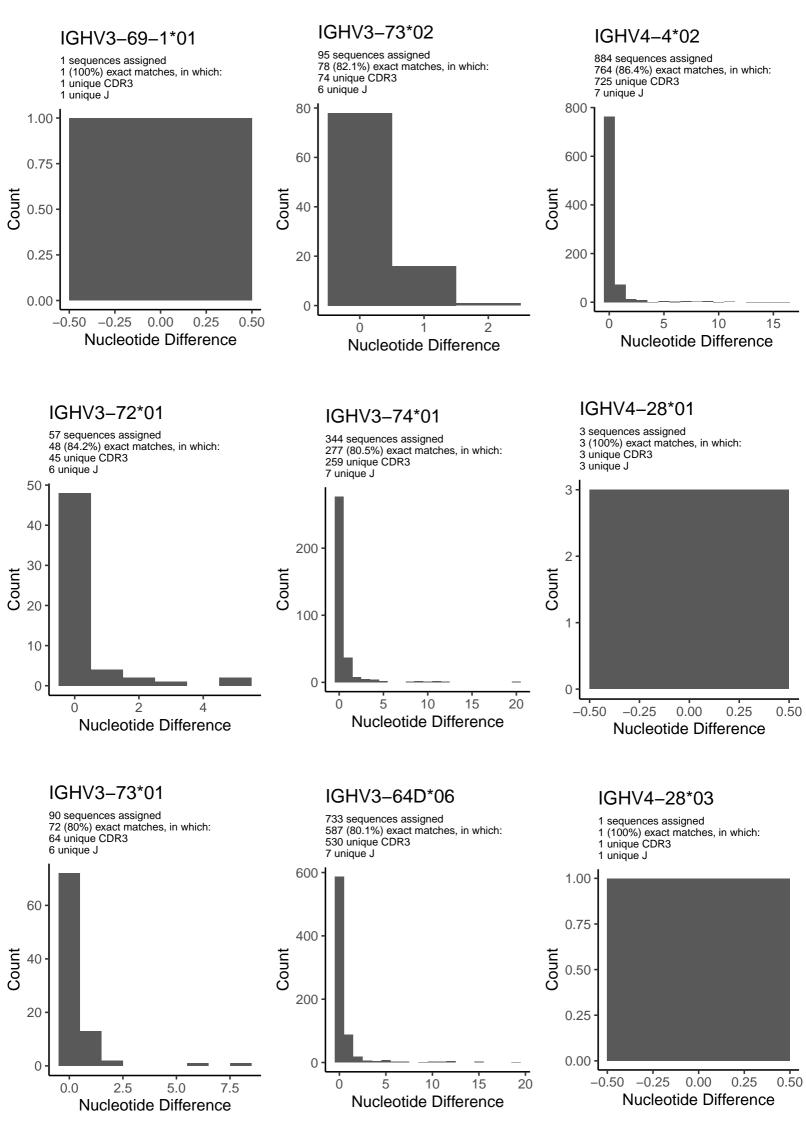


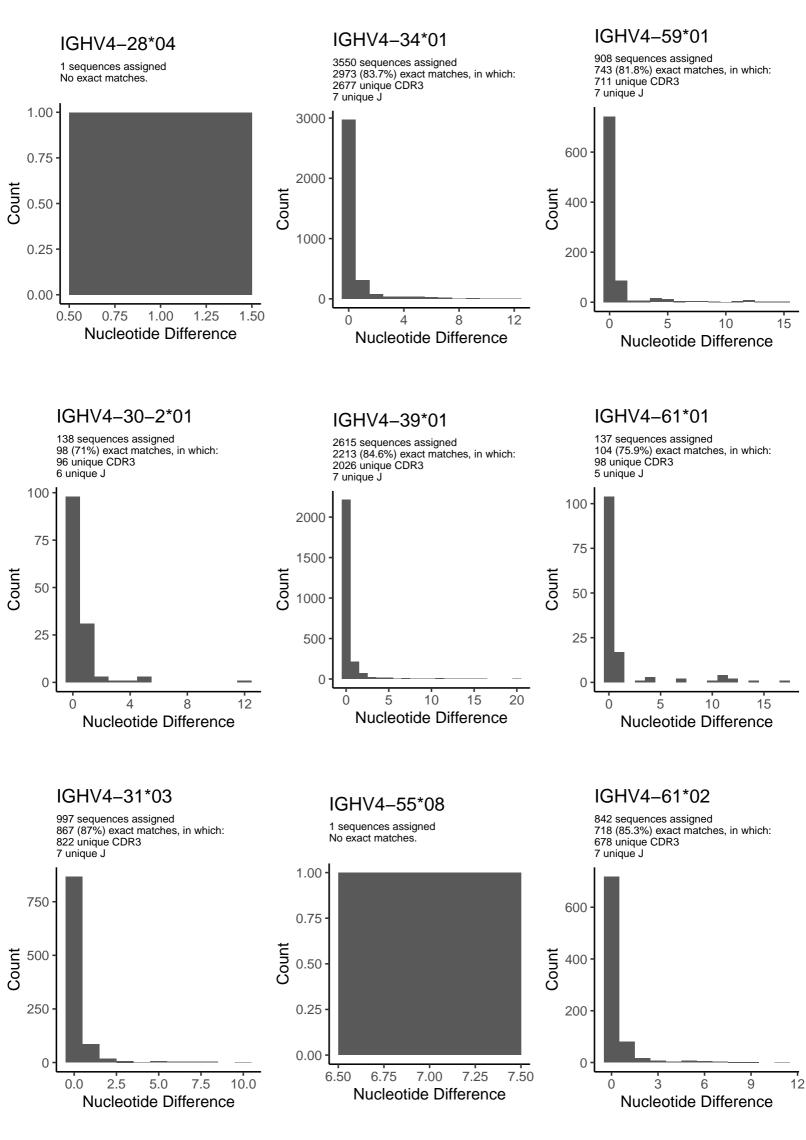




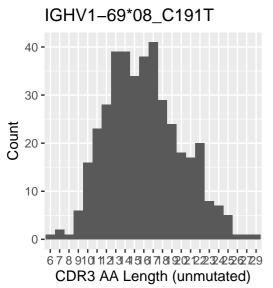


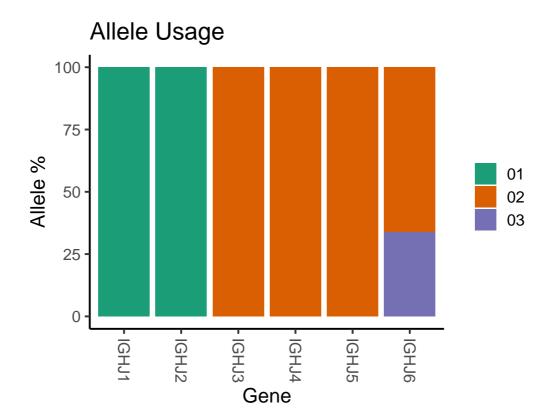






IGHV5-10-1*01 IGHV5-51*03 282 sequences assigned 245 (86.9%) exact matches, in which: 297 sequences assigned 263 (88.6%) exact matches, in which: 238 unique CDR3 229 unique CDR3 7 unique J 6 unique J 250 -200 200 150 Count 100 100 50 0 0 0.0 2.5 5.0 7.5 10.0 **Nucleotide Difference Nucleotide Difference** IGHV6-1*01 IGHV5-10-1*03 447 sequences assigned 260 (58.2%) exact matches, in which: 1114 sequences assigned 963 (86.4%) exact matches, in which: 909 unique CDR3 245 unique CDR3 6 unique J 6 unique J 1000 750 200 Count 500 100 250 0 10 15 5 10 15 0 **Nucleotide Difference** Nucleotide Difference IGHV5-51*01 IGHV7-4-1*02 743 sequences assigned 534 (71.9%) exact matches, in which: 506 sequences assigned 422 (83.4%) exact matches, in which: 501 unique CDR3 399 unique CDR3 7 unique J 7 unique J 400 400 300 Count 200 200 100 0 0 10 15 **Nucleotide Difference Nucleotide Difference**





Sequence Count by IGHJ6 allele usage

