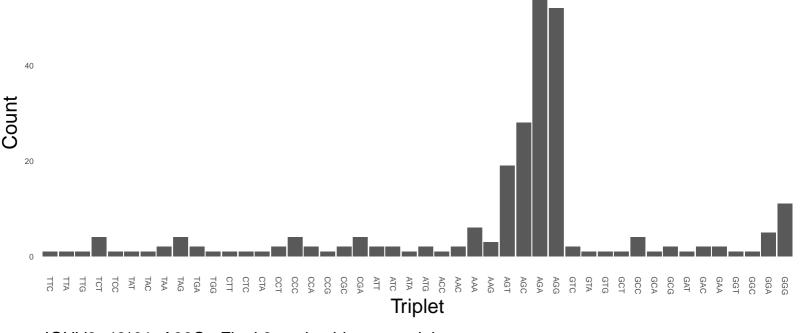
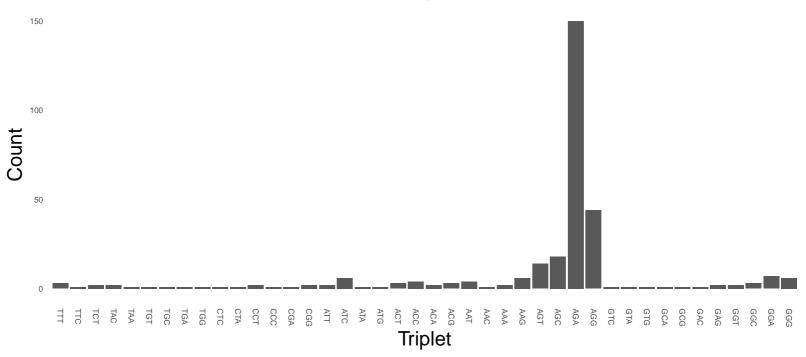
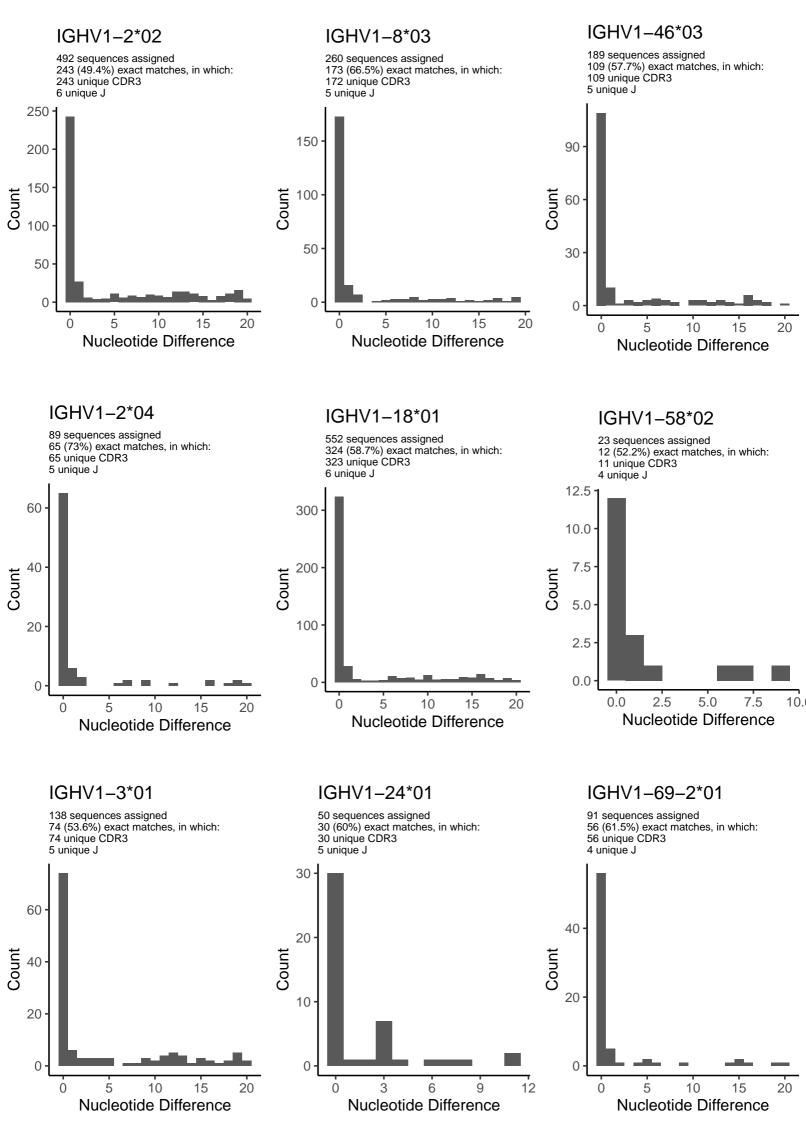


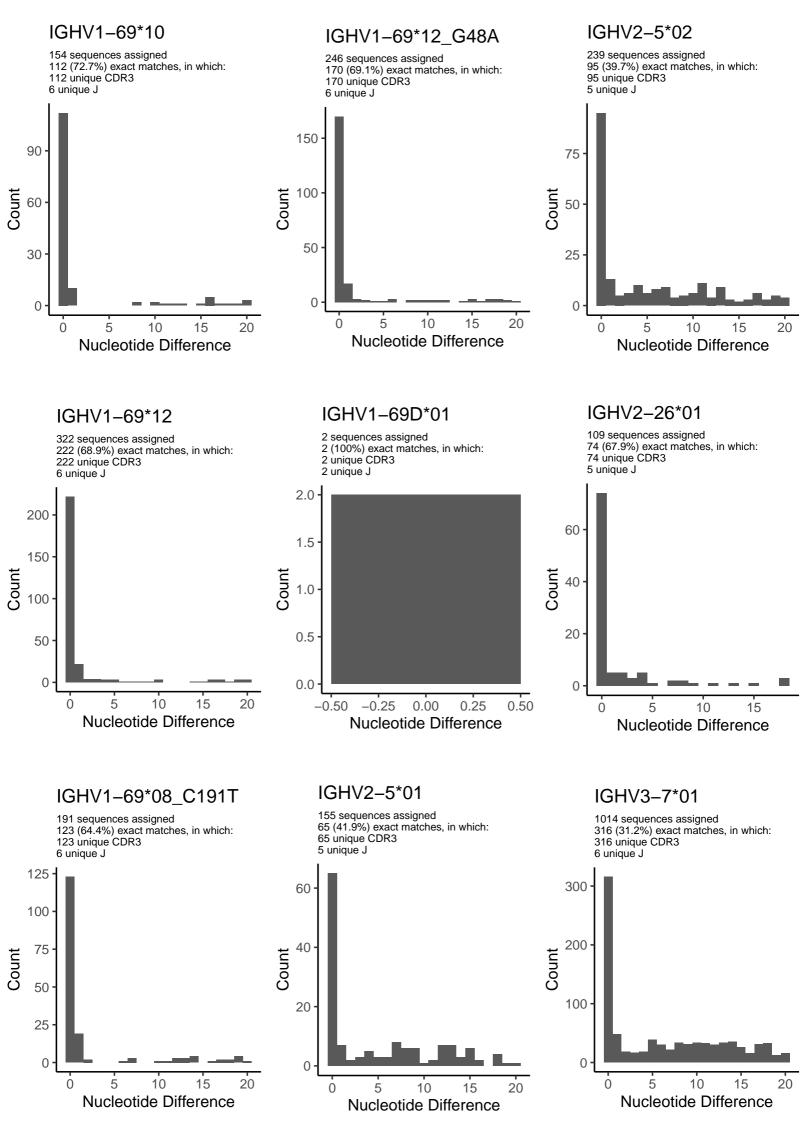
IGHV1-69*12_G48A- Final 3 nucleotides as a triplet

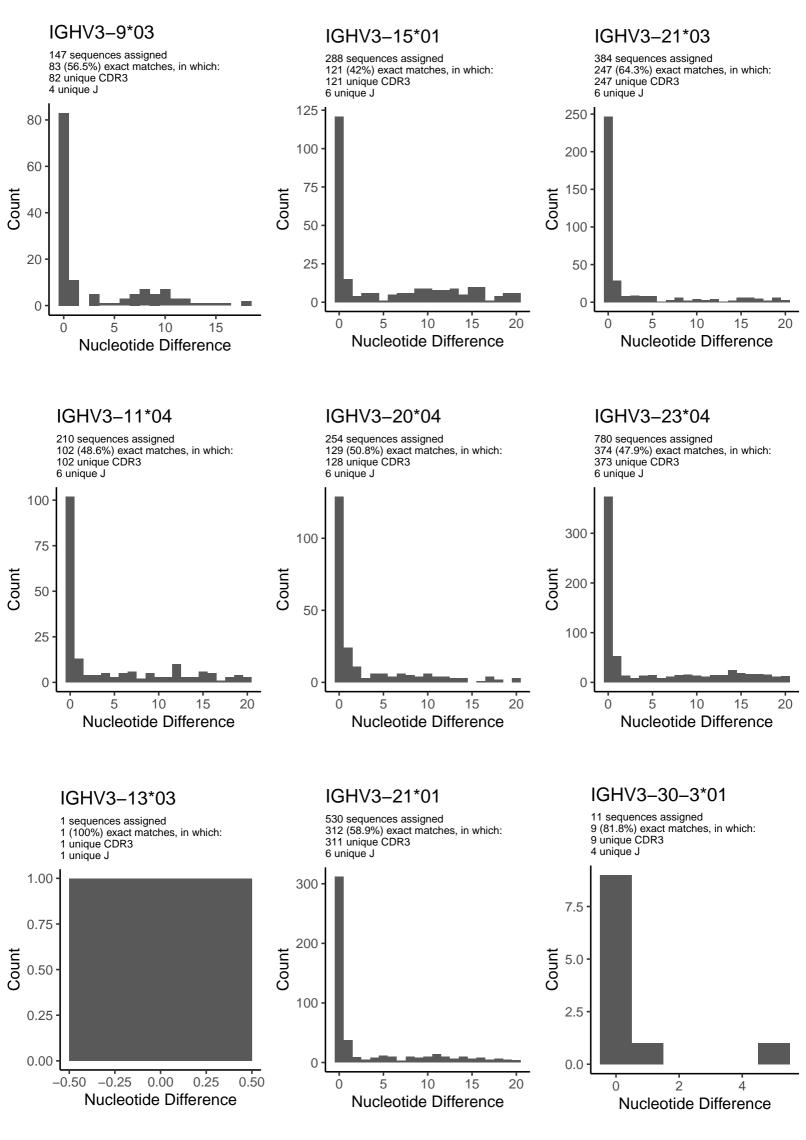


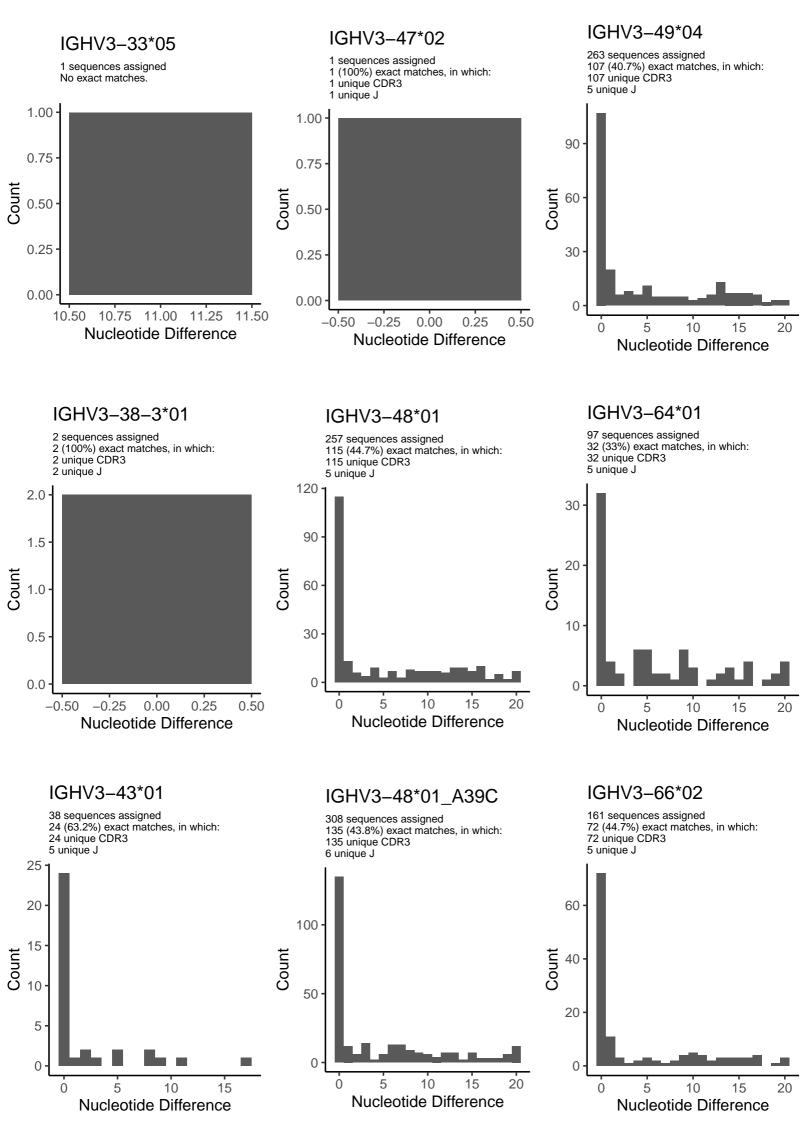
IGHV3-48*01_A39C- Final 3 nucleotides as a triplet

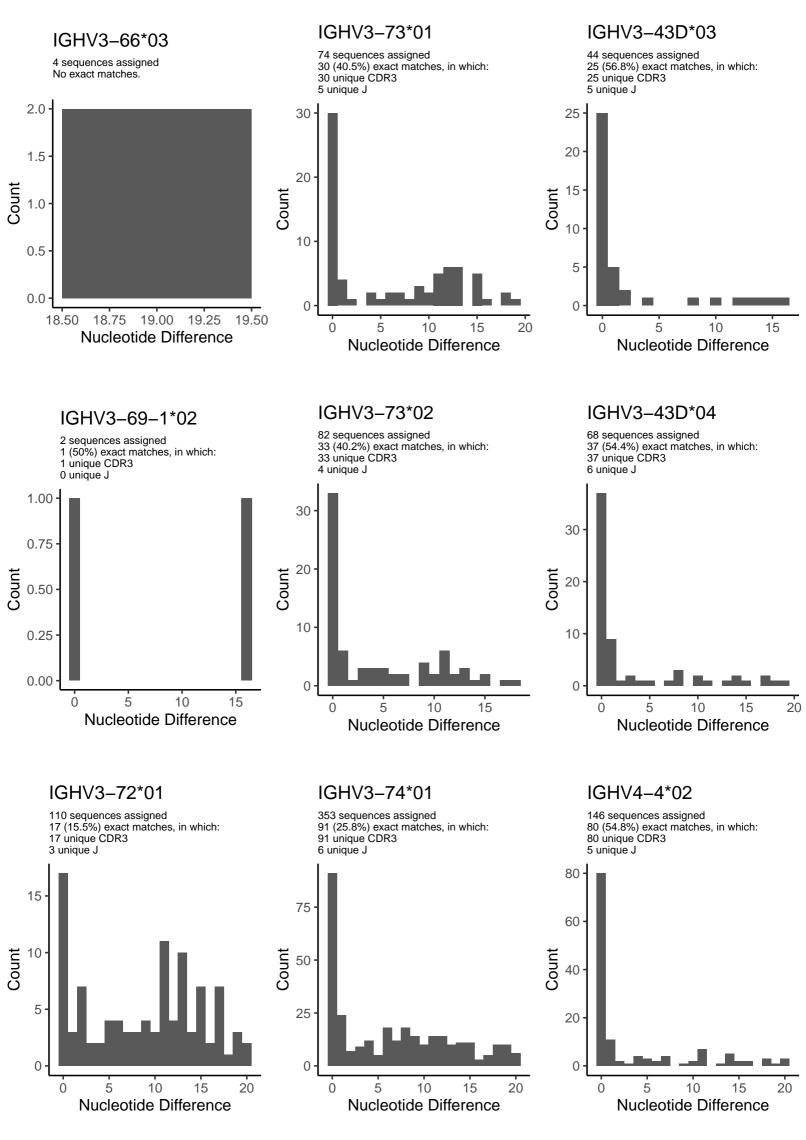


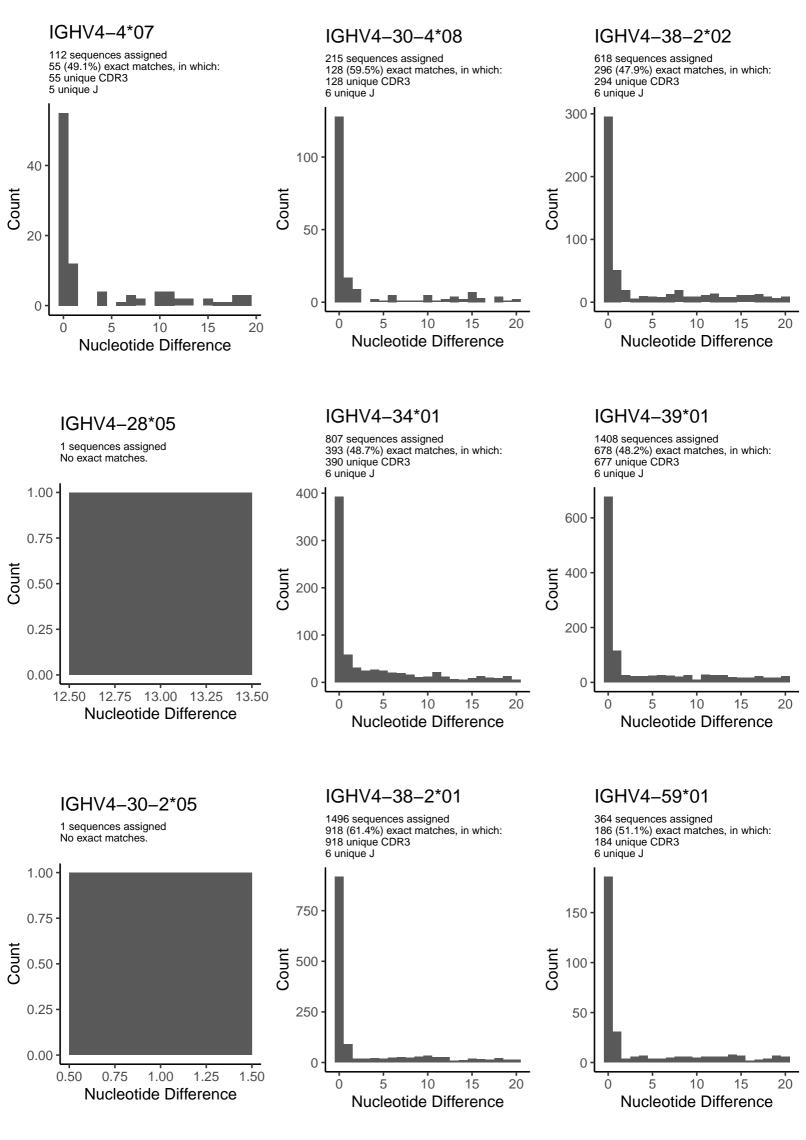








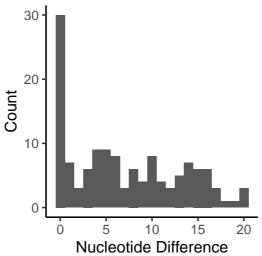




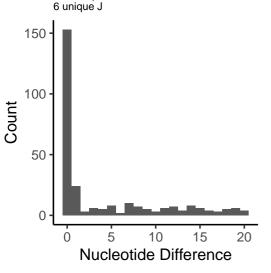
IGHV4-59*08 184 sequences assigned 80 (43.5%) exact matches, in which: 80 unique CDR3 6 unique J 80 60 Count 40 20 0 0 5 10 15 20 Nucleotide Difference IGHV4-61*02

IGHV6-1*01

137 sequences assigned 30 (21.9%) exact matches, in which: 30 unique CDR3 4 unique J

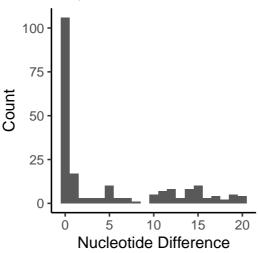


312 sequences assigned 153 (49%) exact matches, in which: 153 unique CDR3



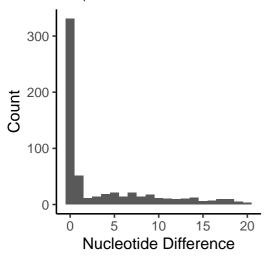
IGHV7-4-1*02

224 sequences assigned 106 (47.3%) exact matches, in which: 106 unique CDR3 6 unique J



IGHV5-51*01

655 sequences assigned 331 (50.5%) exact matches, in which: 331 unique CDR3 6 unique J





Warning – no inferred sequences found.

Warning – no inferred sequences found.