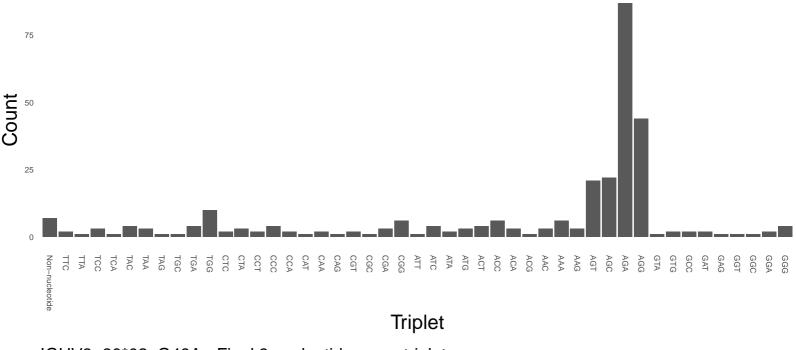
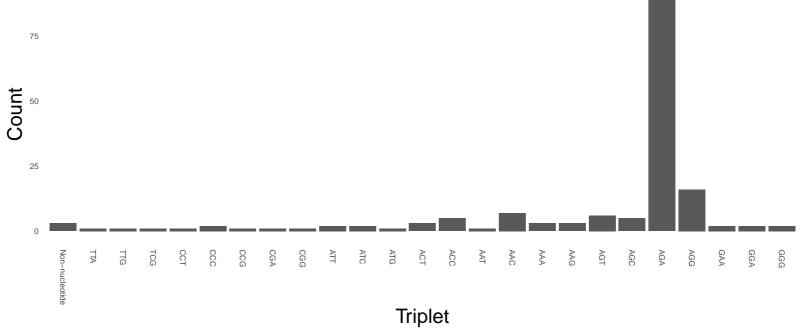


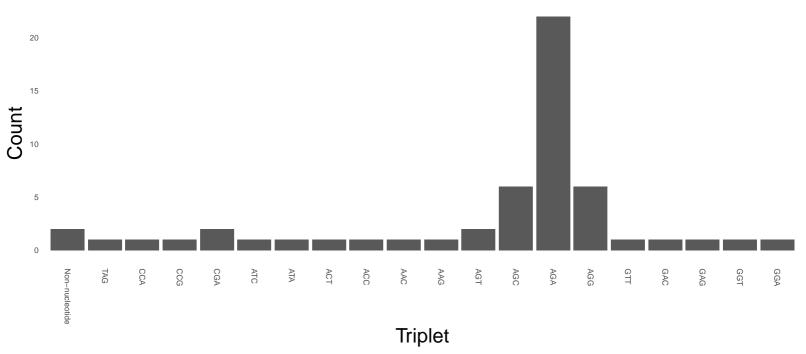
IGHV1-69*04_A163G- Final 3 nucleotides as a triplet

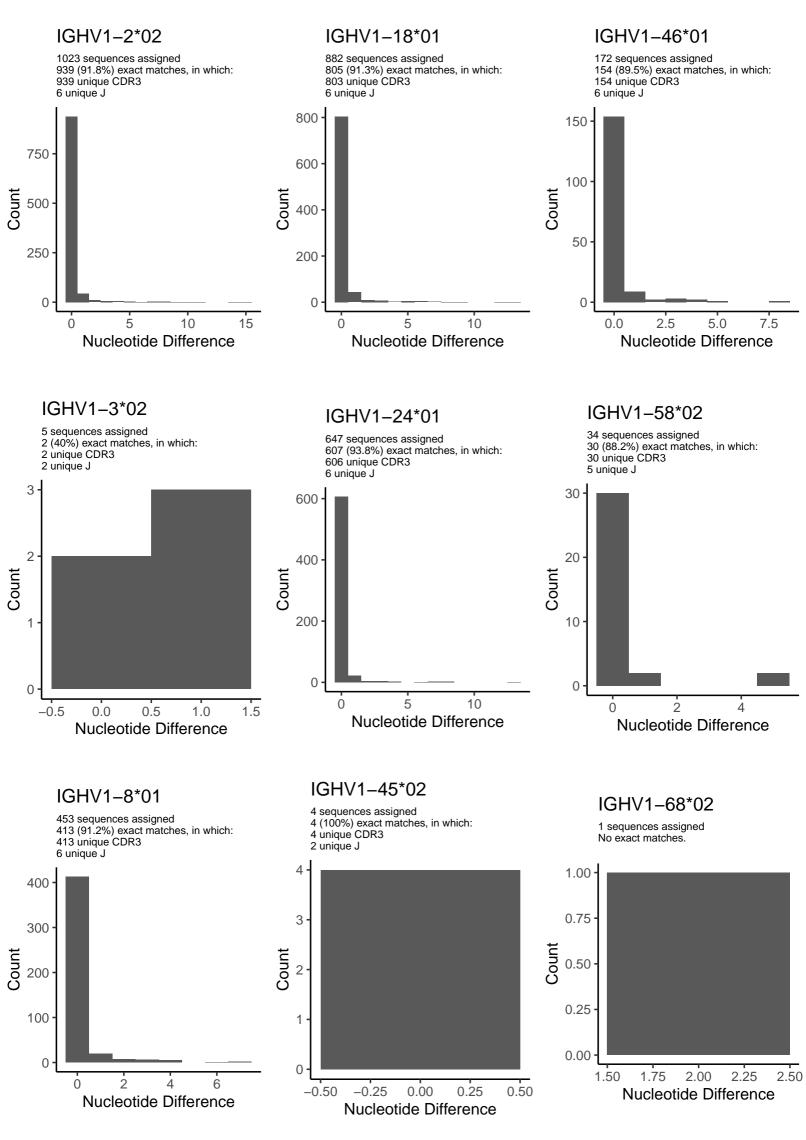


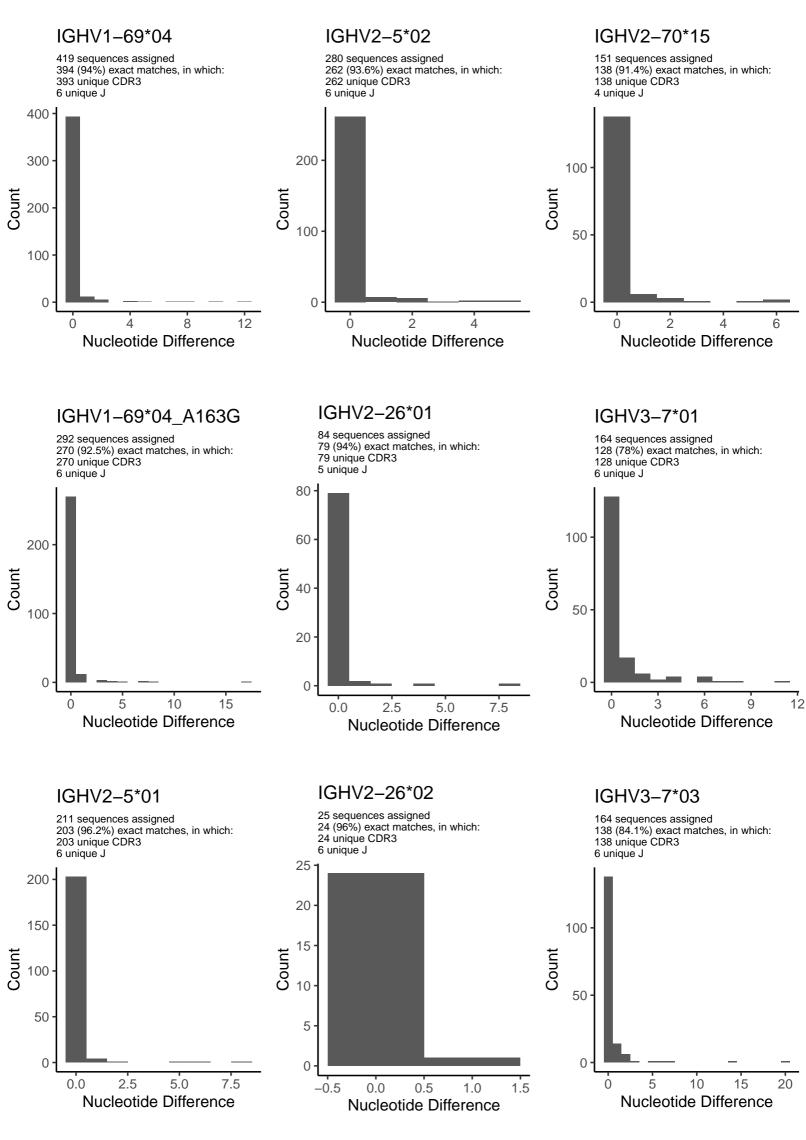
IGHV3-30*02_G49A- Final 3 nucleotides as a triplet

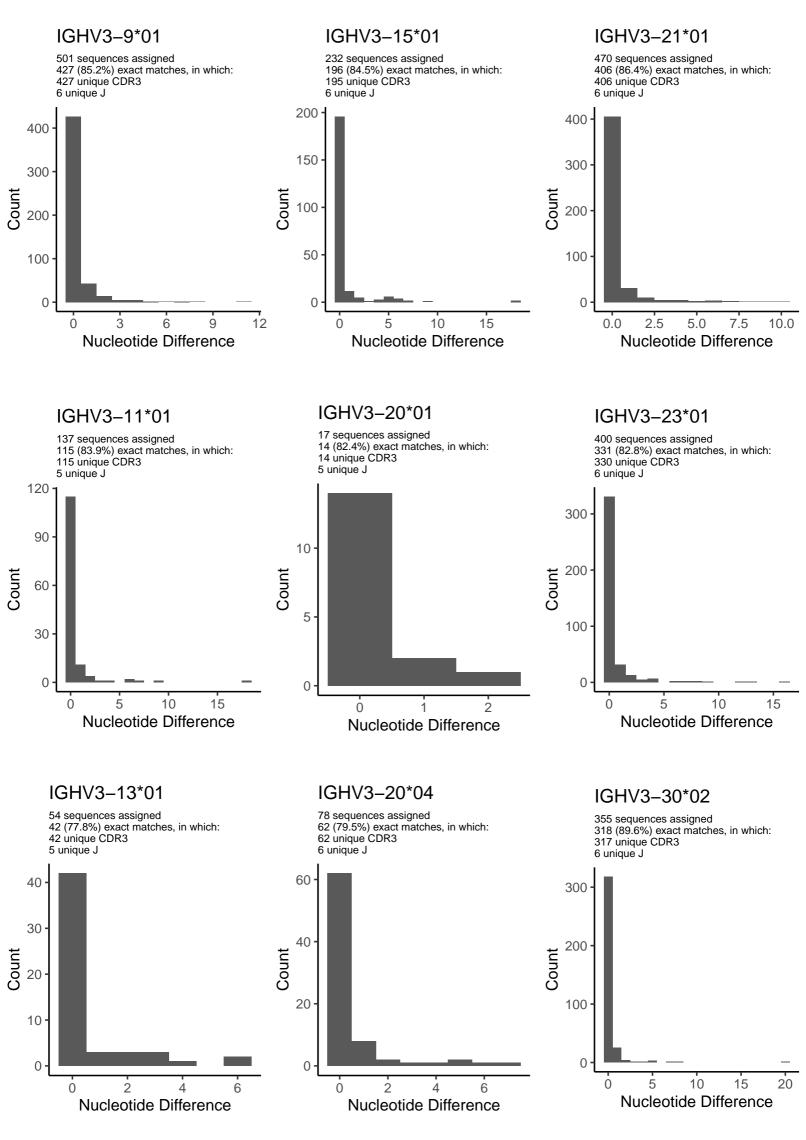


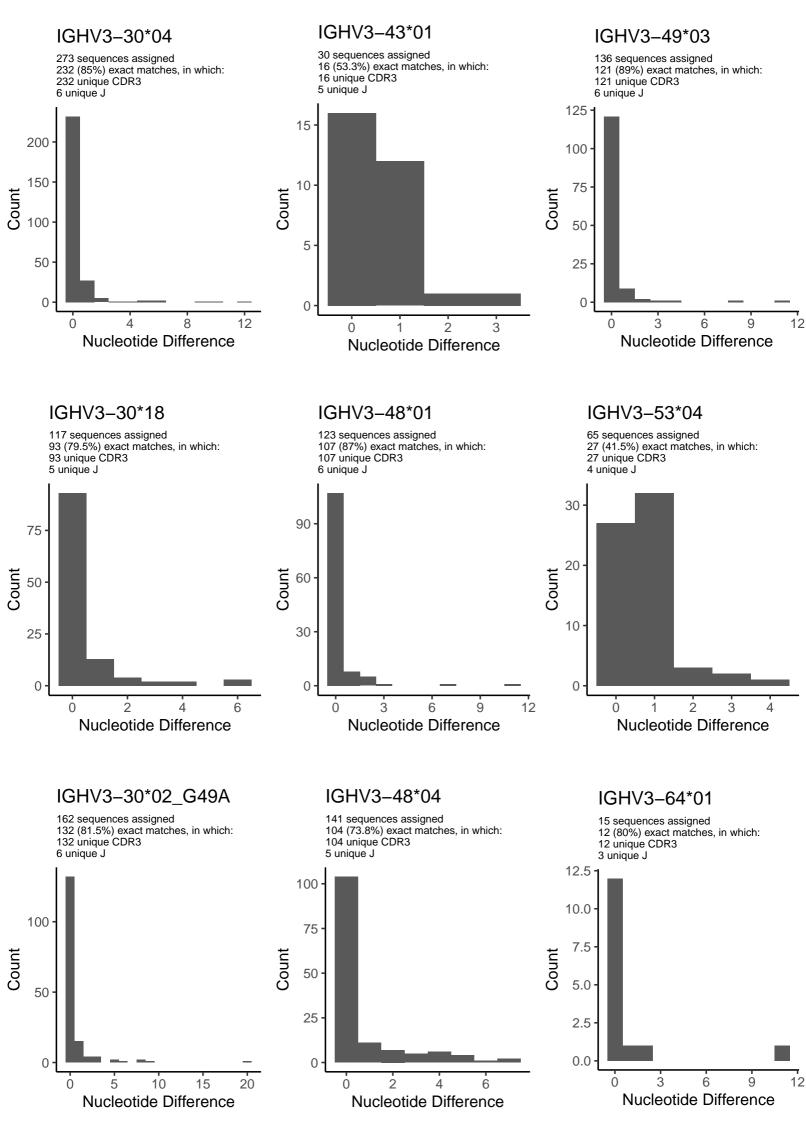
IGHV4-4*07_A70G- Final 3 nucleotides as a triplet

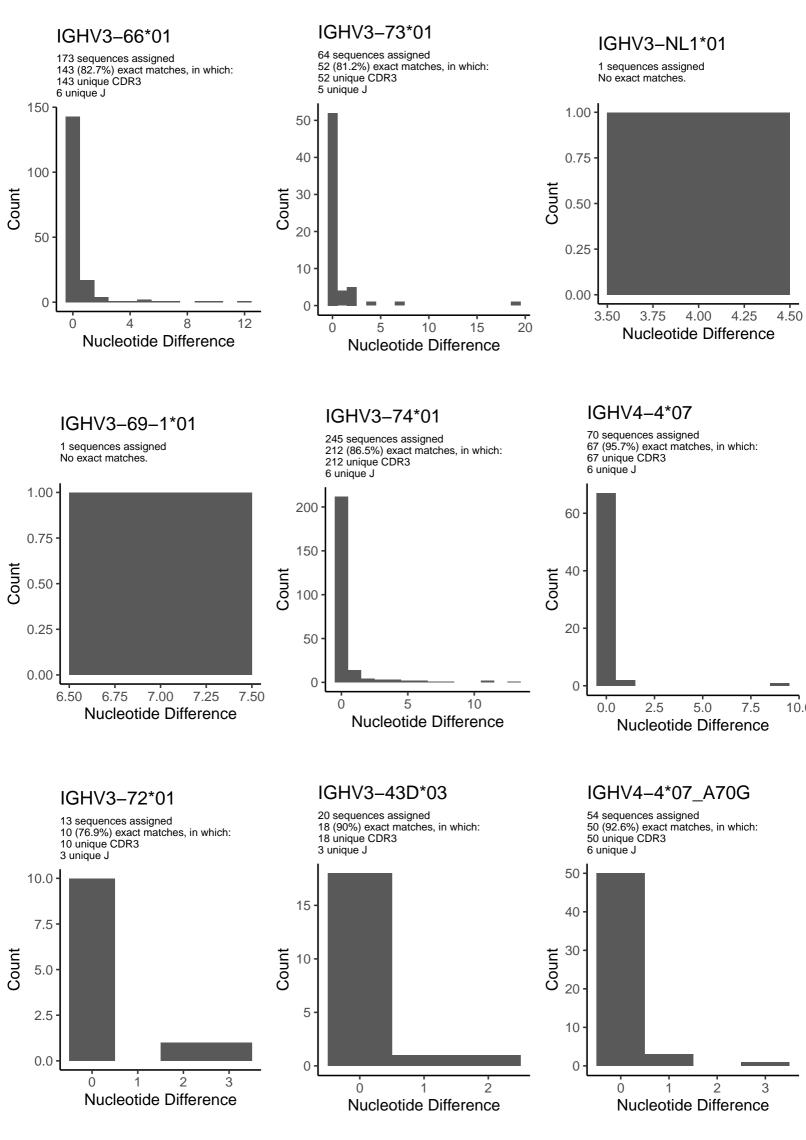


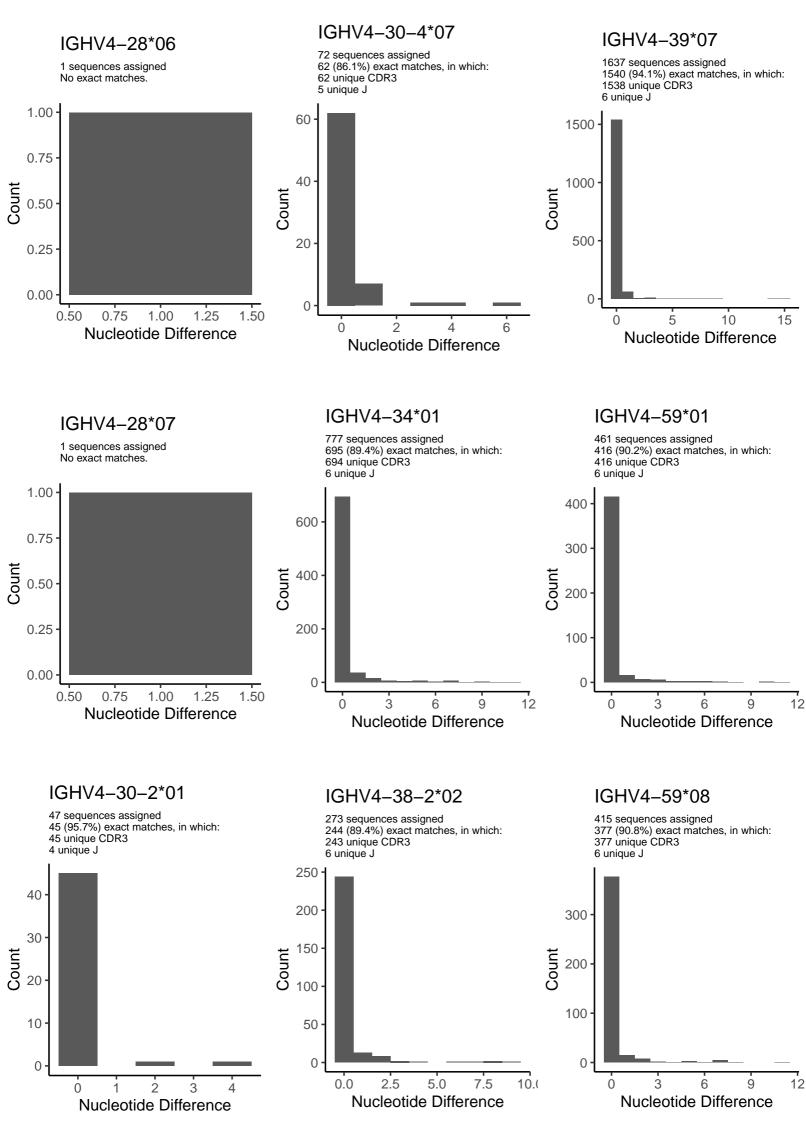






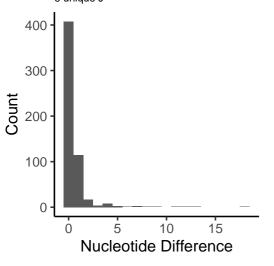






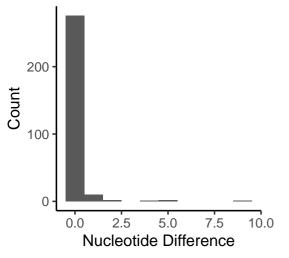
IGHV5-51*01

564 sequences assigned 408 (72.3%) exact matches, in which: 407 unique CDR3 6 unique J



IGHV5-51*03

292 sequences assigned 276 (94.5%) exact matches, in which: 276 unique CDR3 6 unique J



IGHV6-1*01

170 sequences assigned 157 (92.4%) exact matches, in which: 156 unique CDR3 6 unique J

