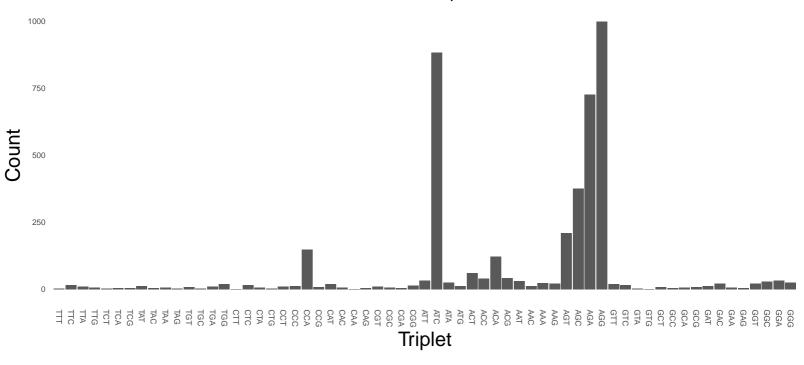
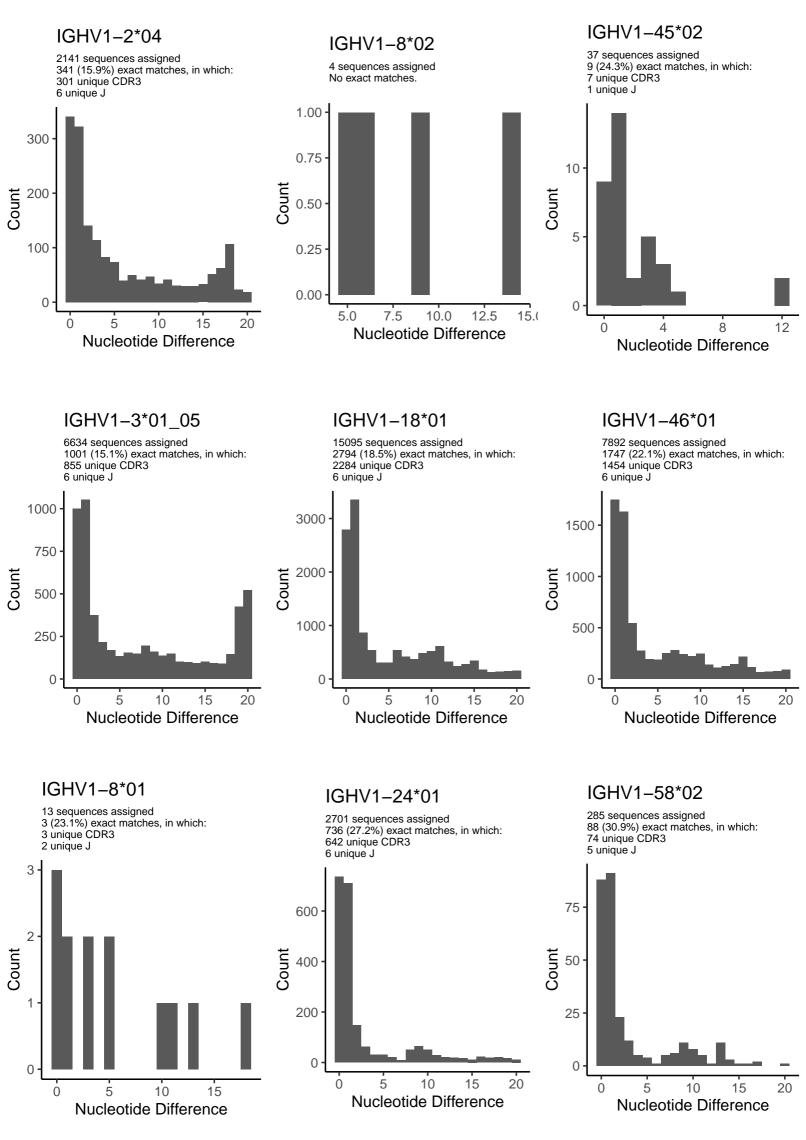
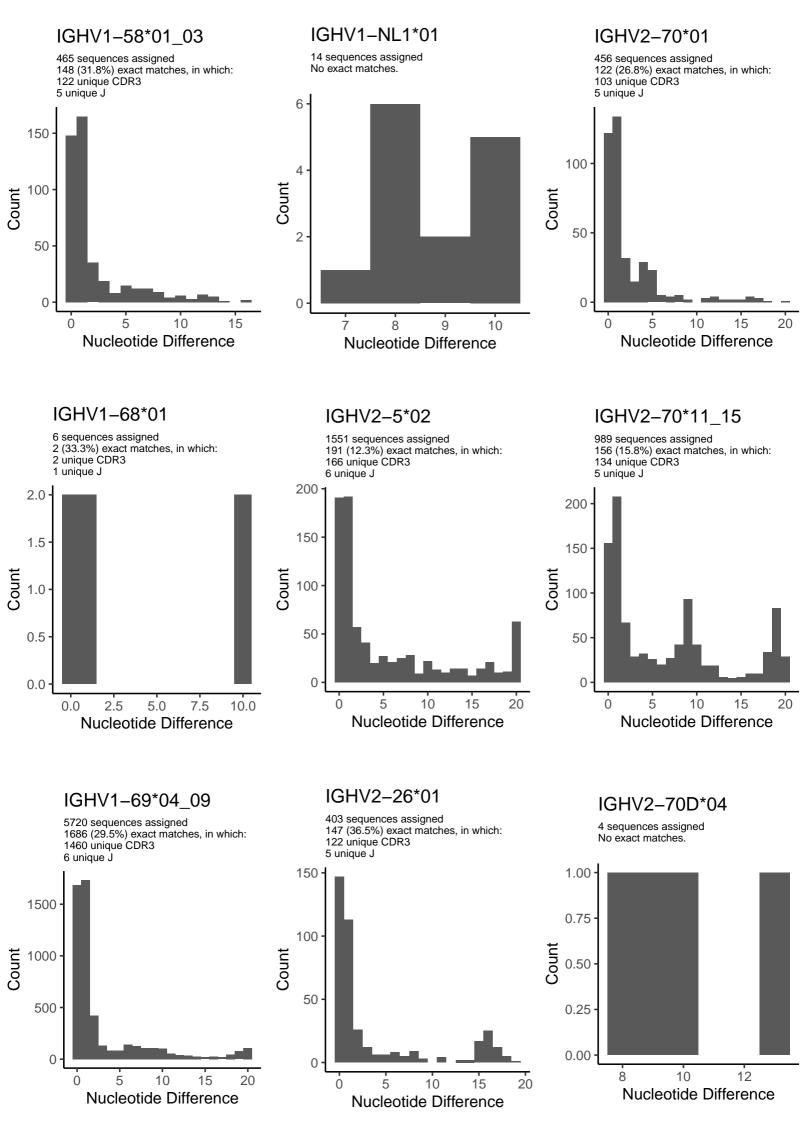


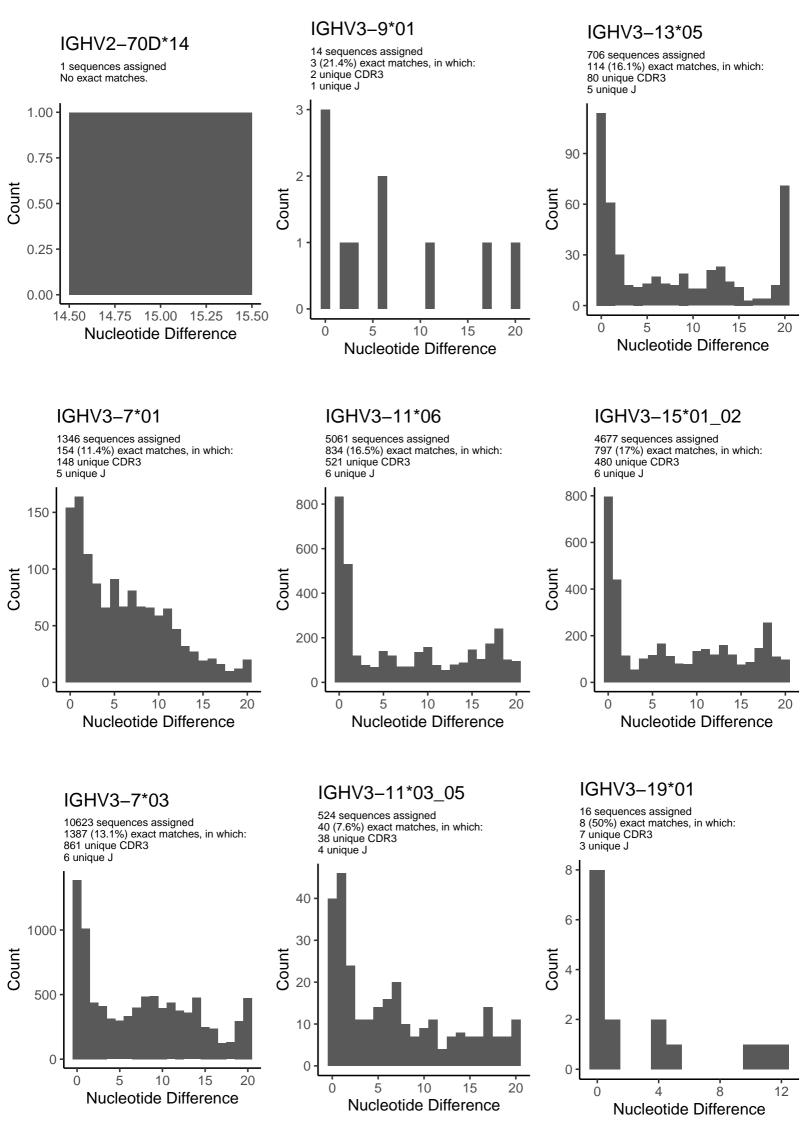


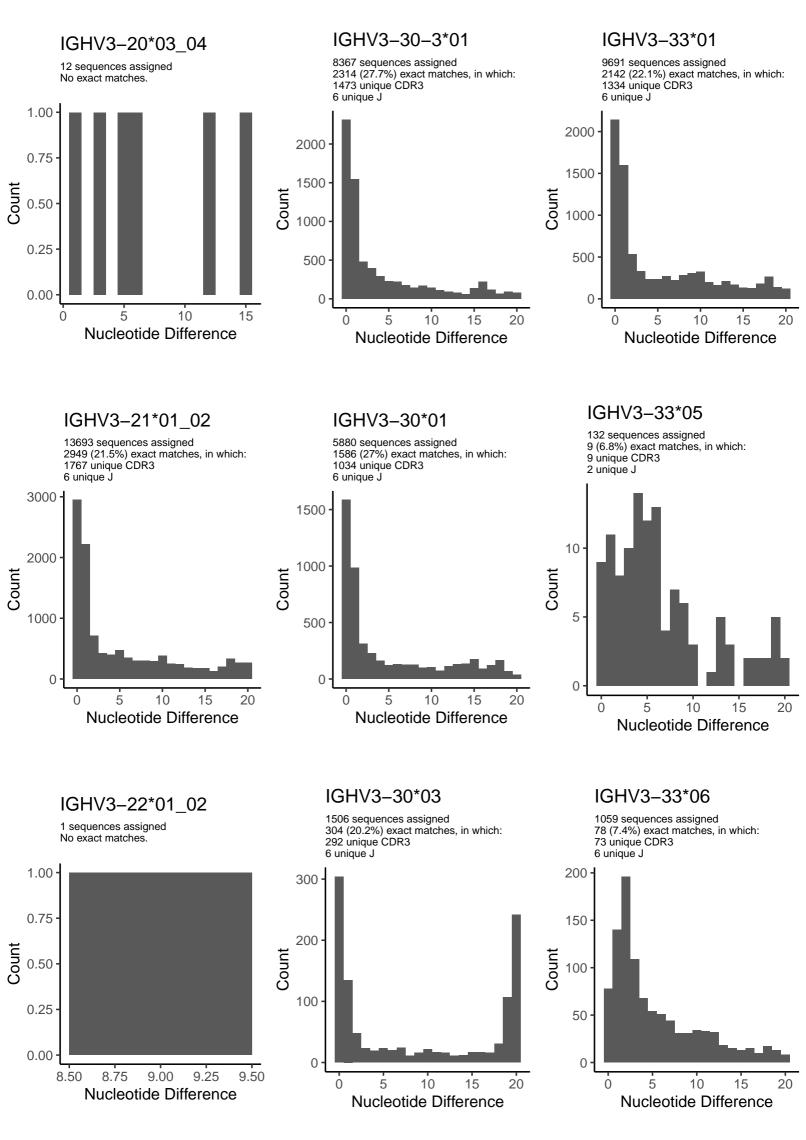
IGHV4-38-2*02_A70G- Final 3 nucleotides as a triplet

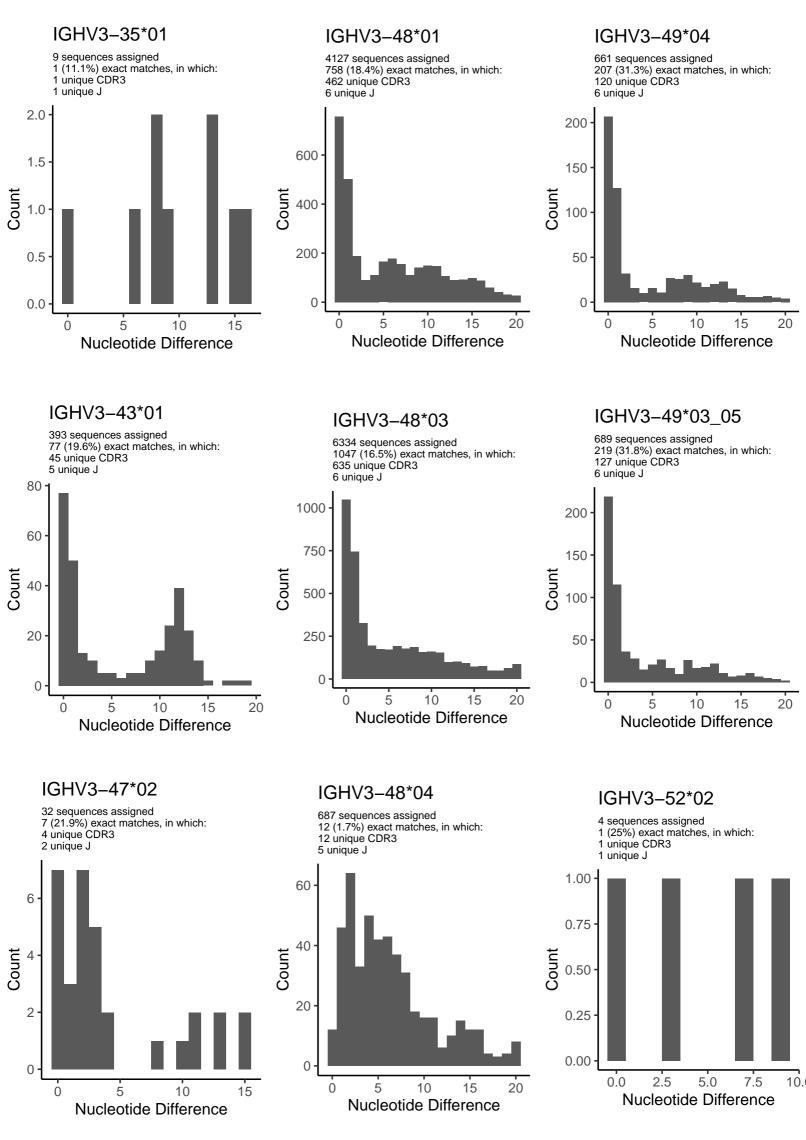


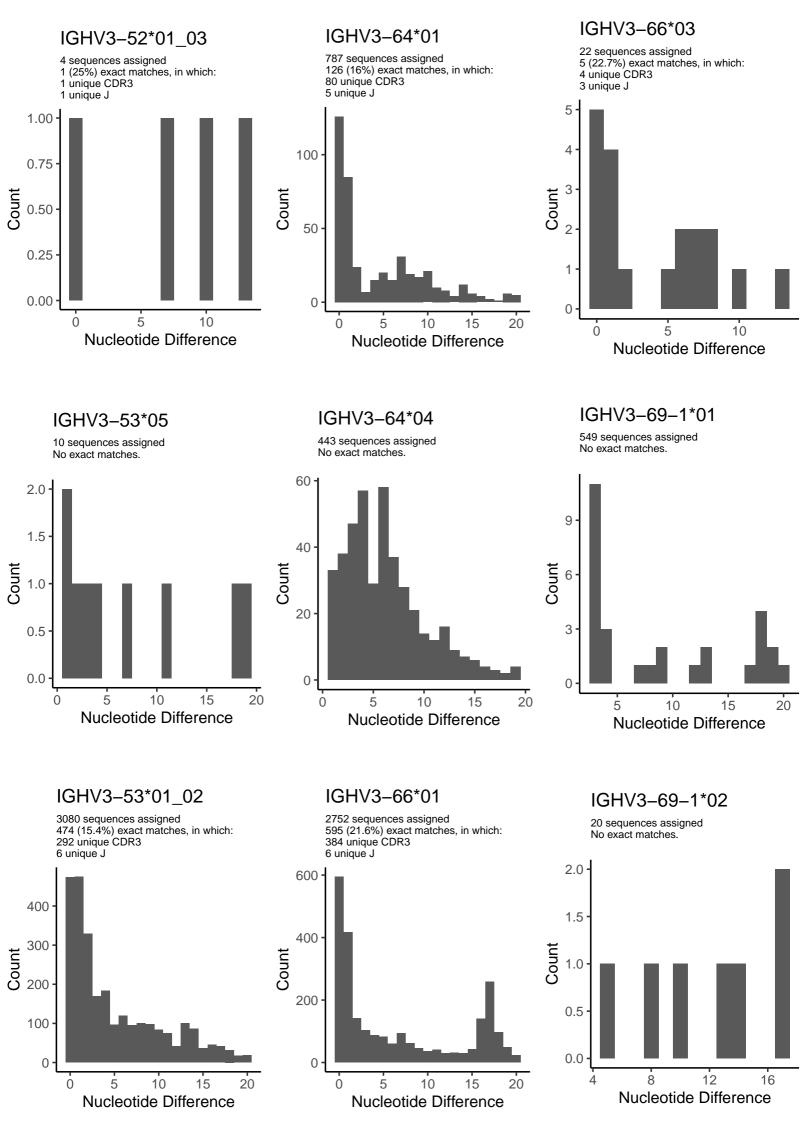


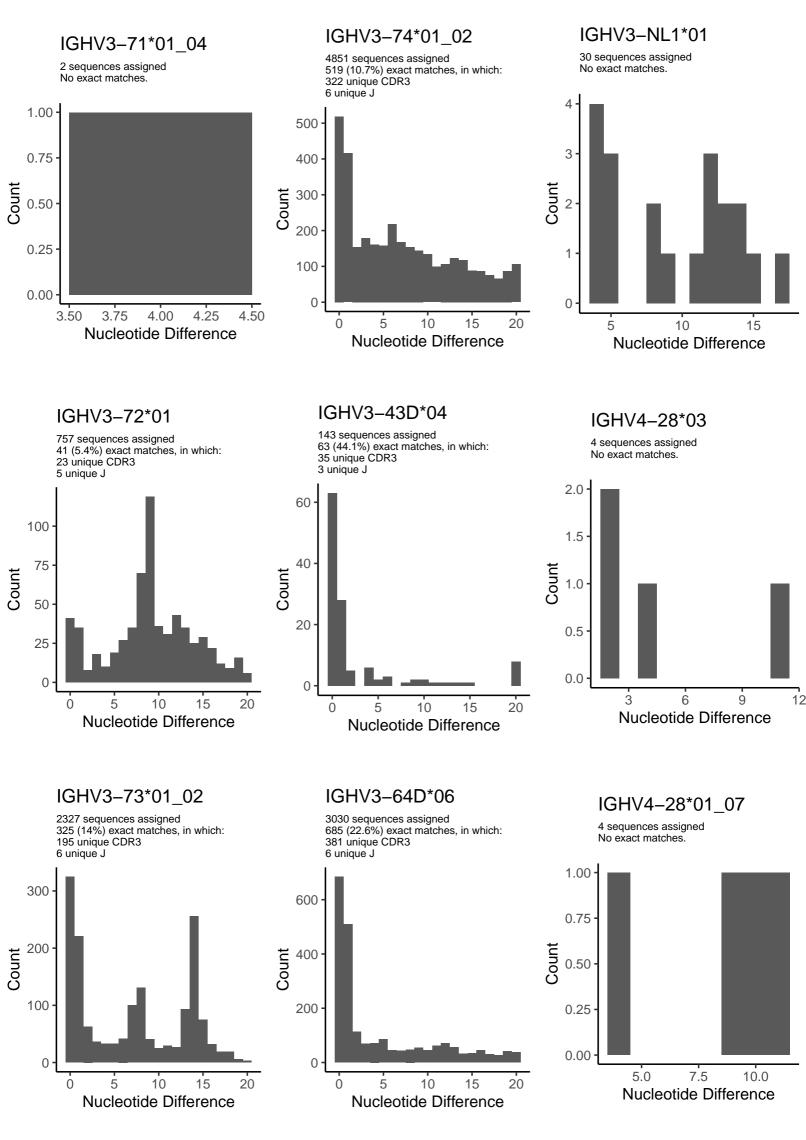


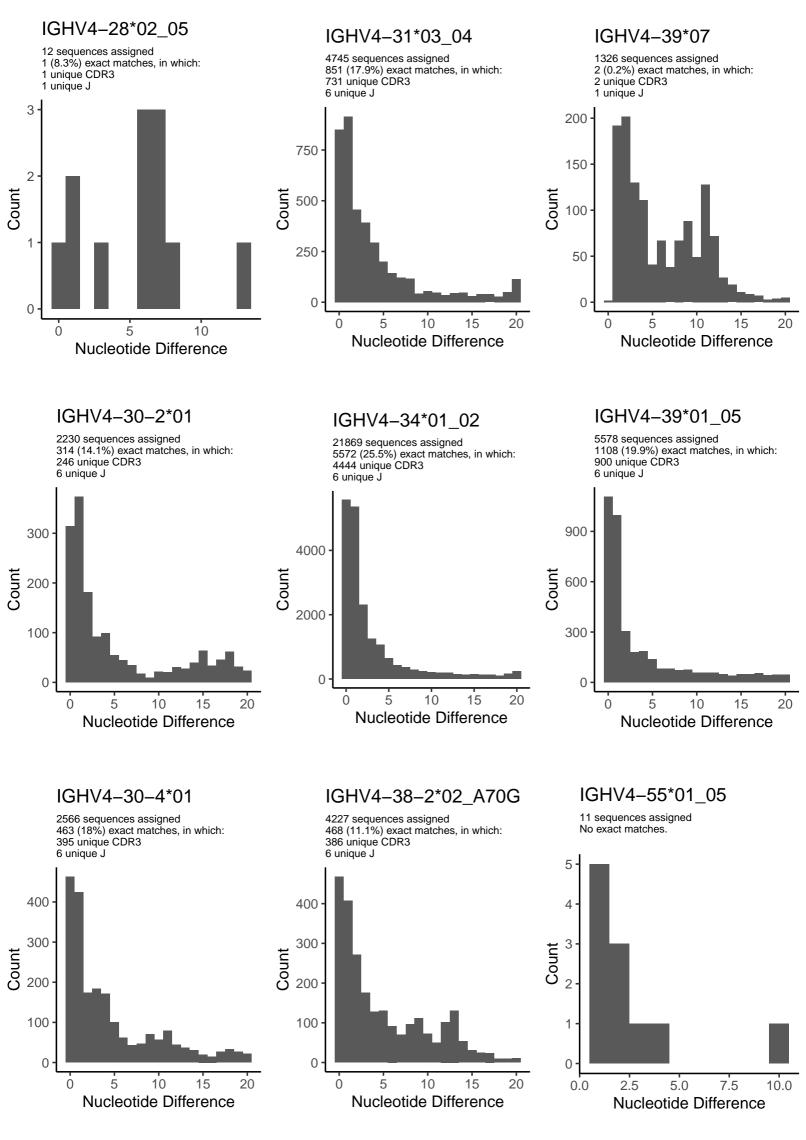


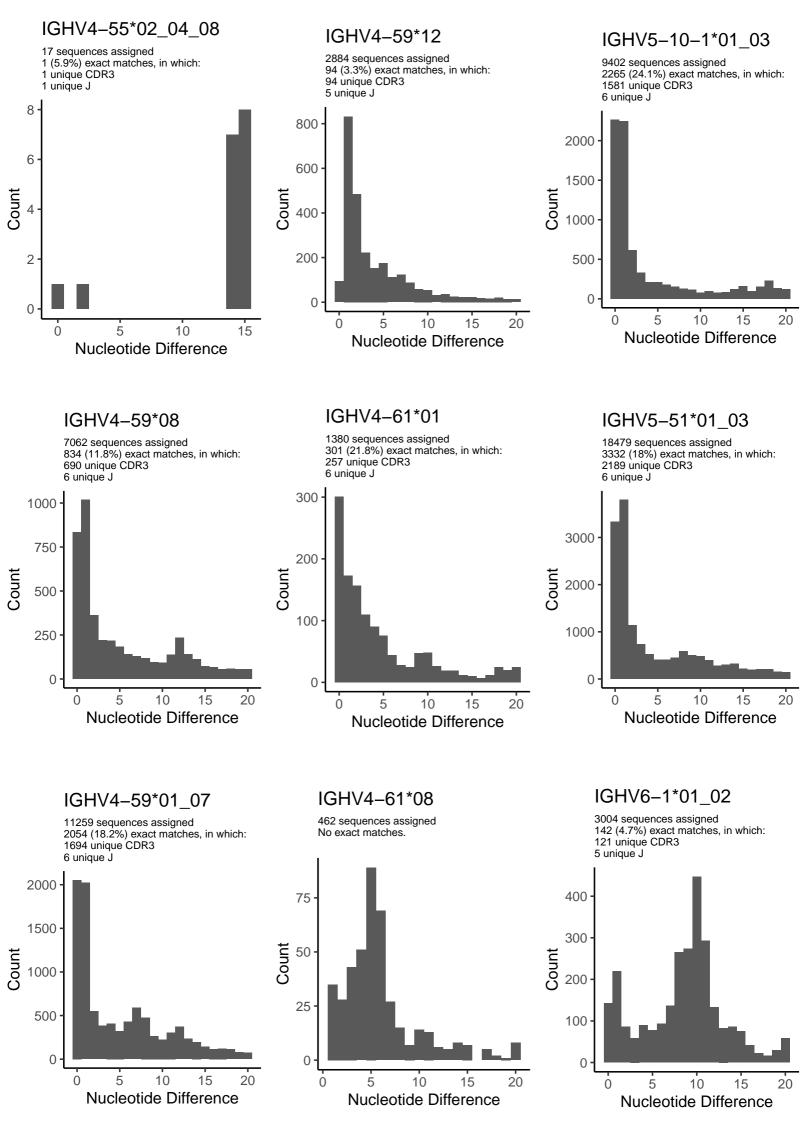






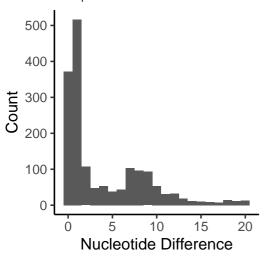






IGHV7-4-1*02

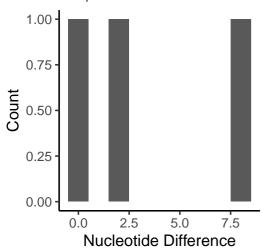
1834 sequences assigned 372 (20.3%) exact matches, in which: 312 unique CDR3 5 unique J



IGHV7-81*01

3 sequences assigned 1 (33.3%) exact matches, in which: 1 unique CDR3

1 unique J





Novel sequence(s) IGHV1-69*01_12_13_G238A IGHV3-48*03_T303G are not listed in the genotype and will be ignored.