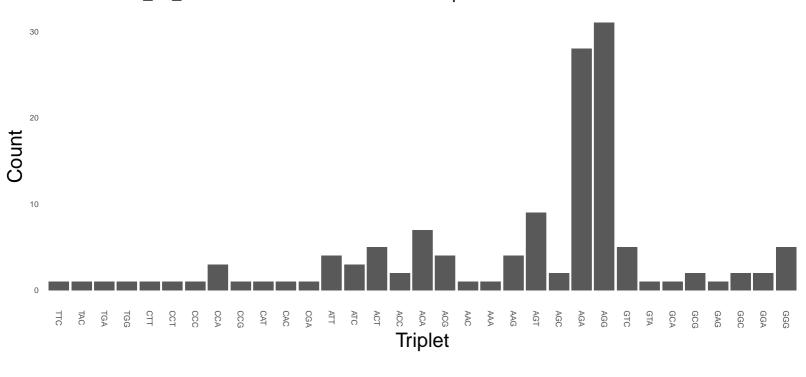
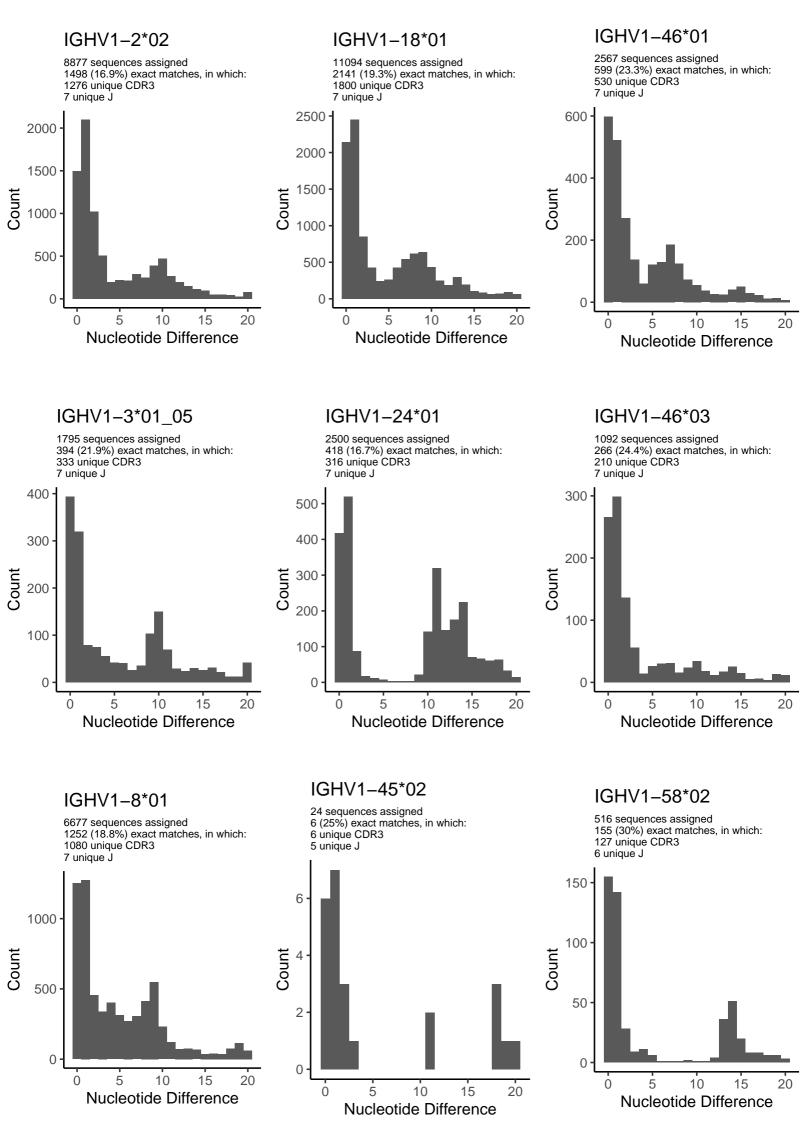
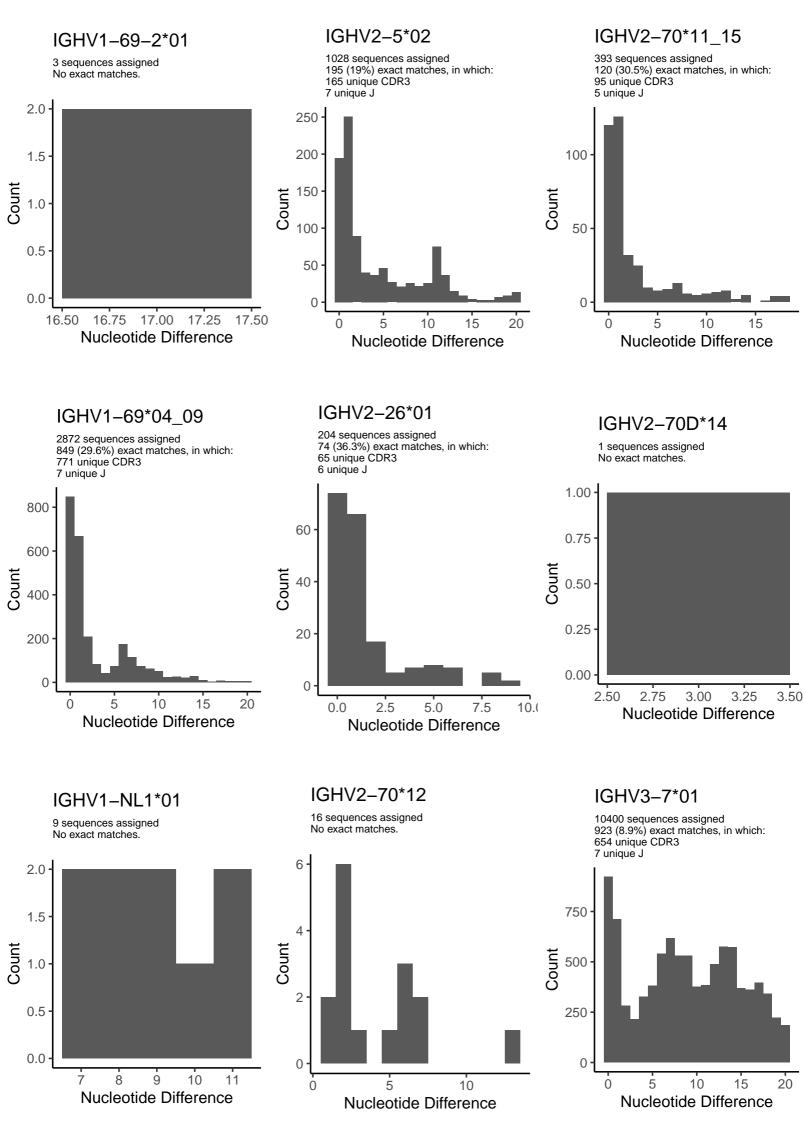
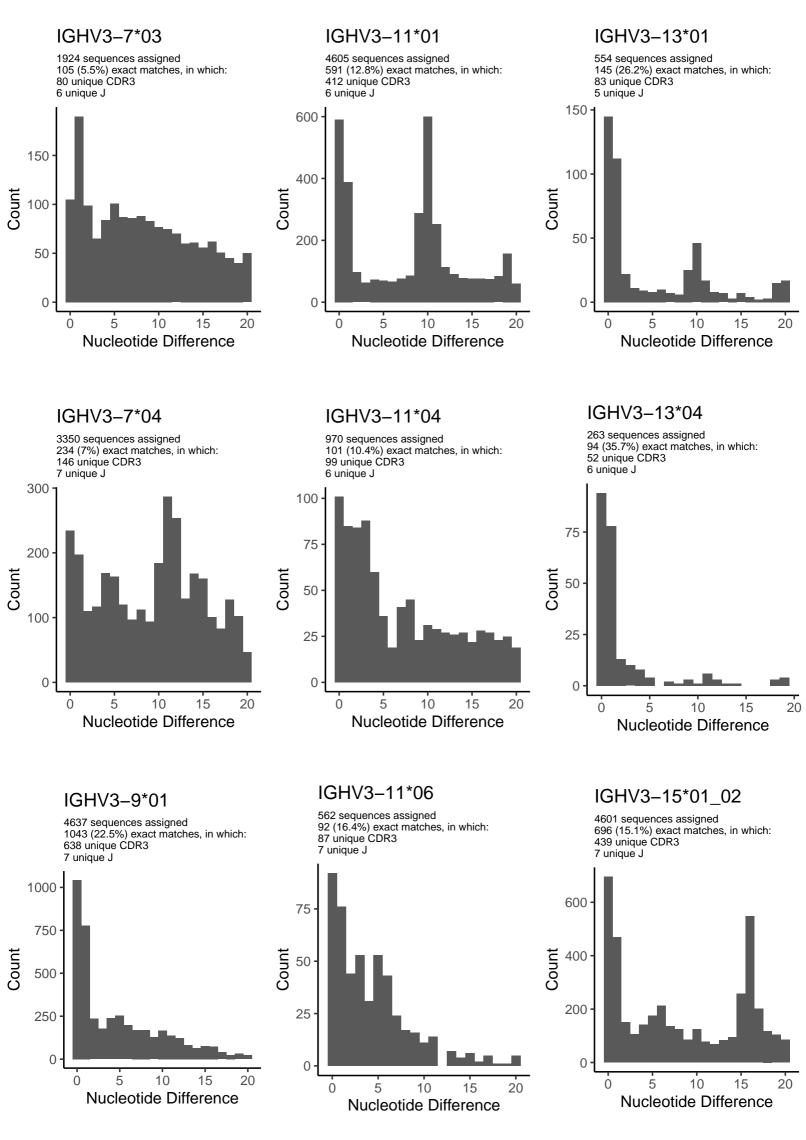


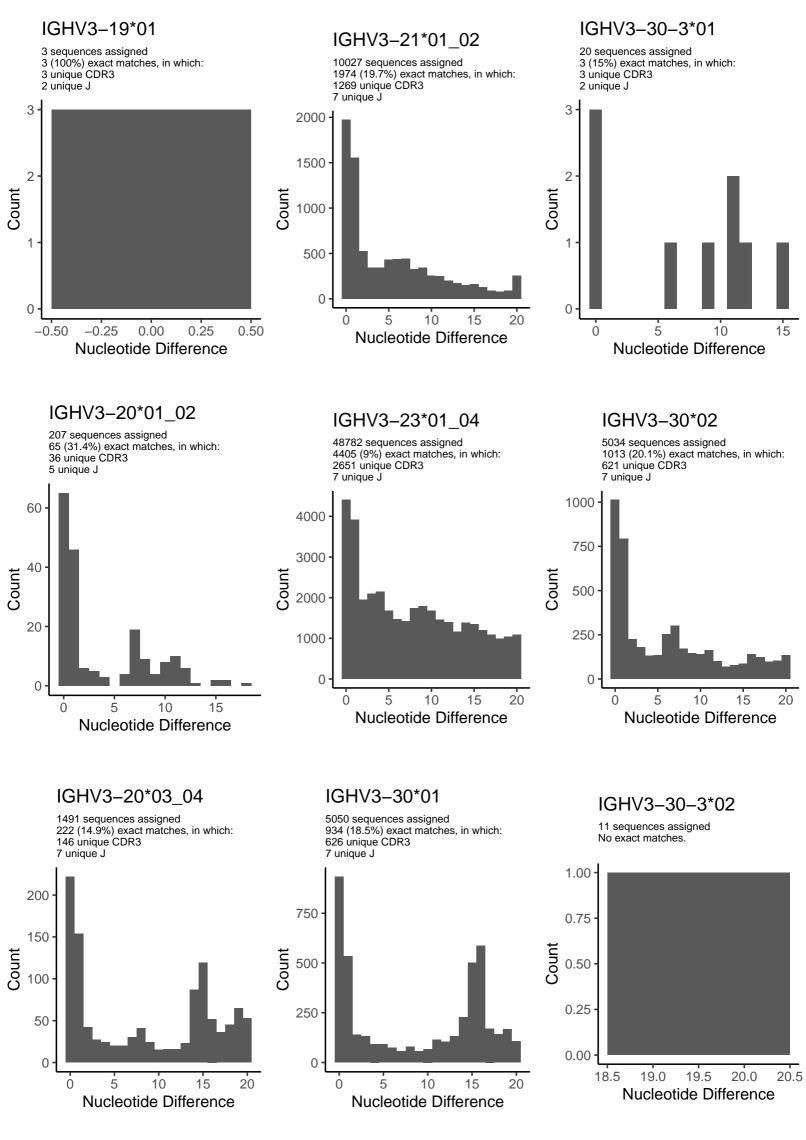
IGHV6-1*01_02_A315G- Final 3 nucleotides as a triplet

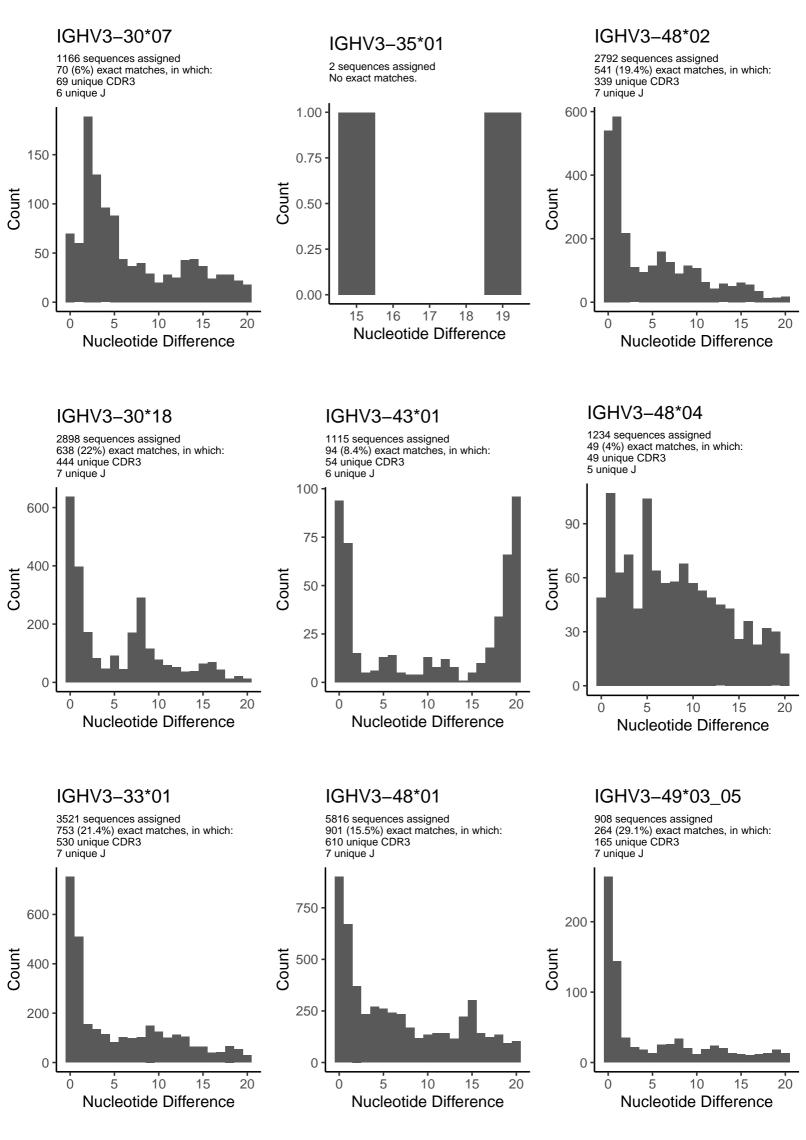


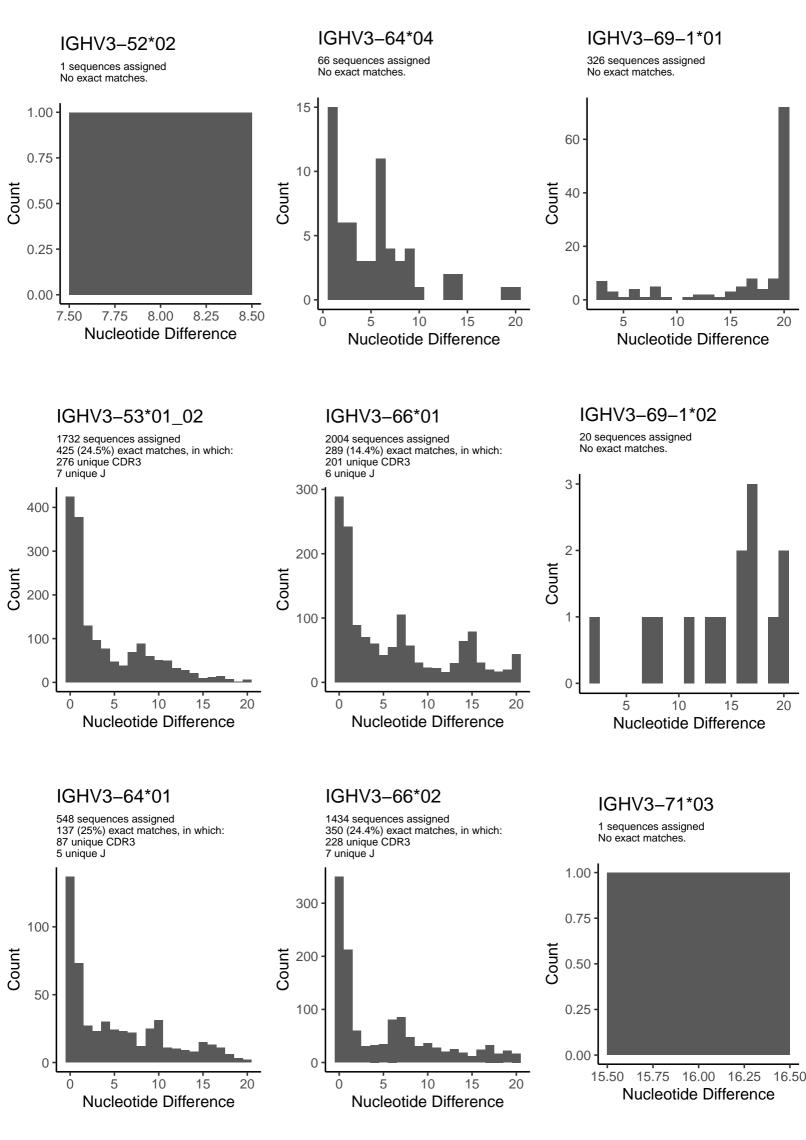


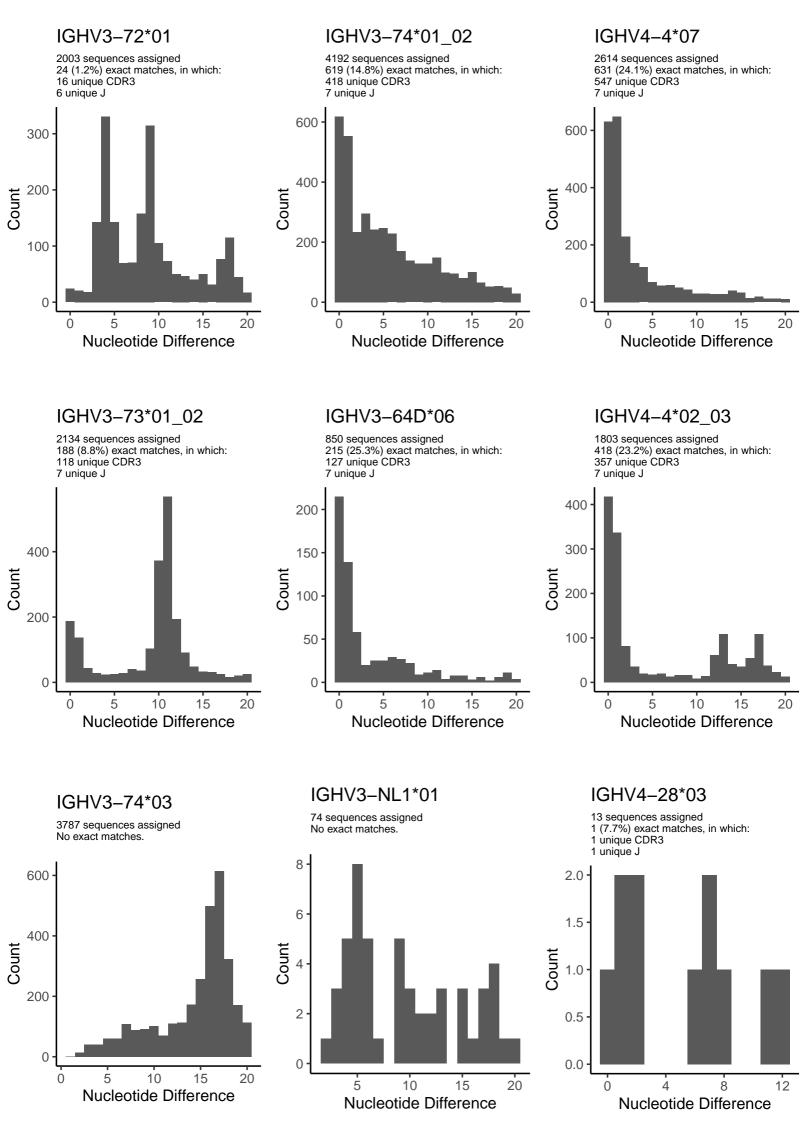


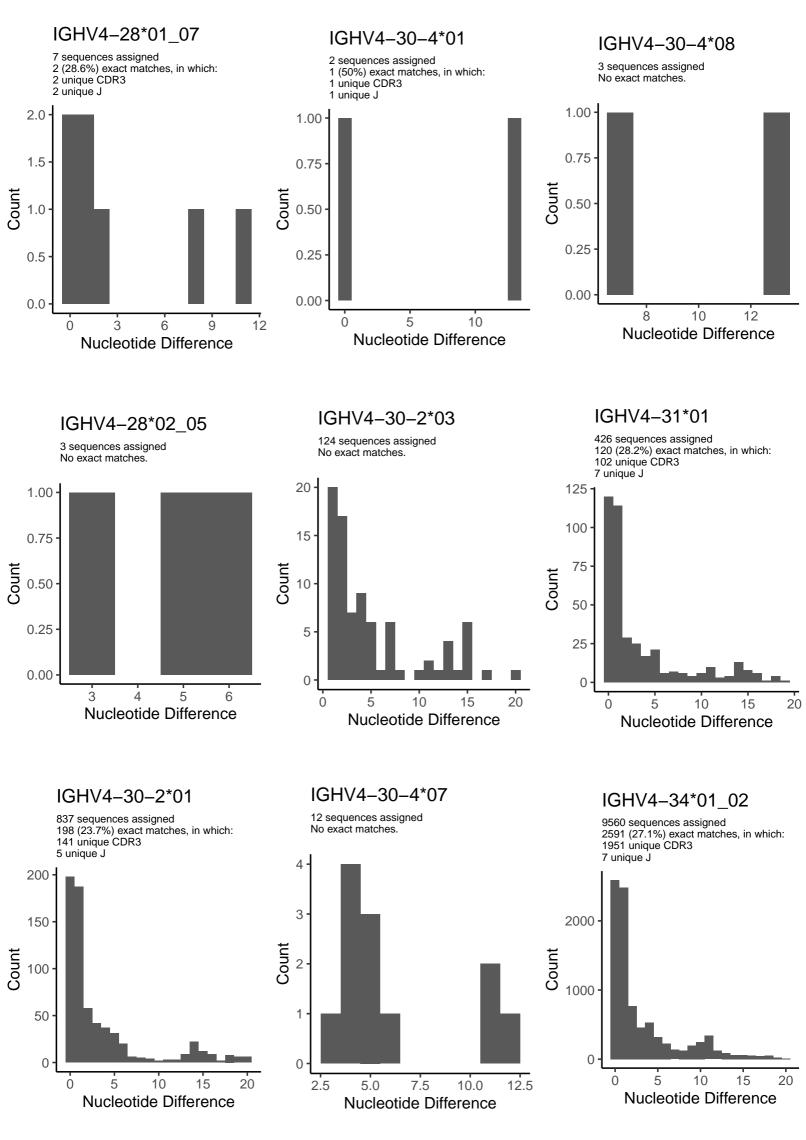


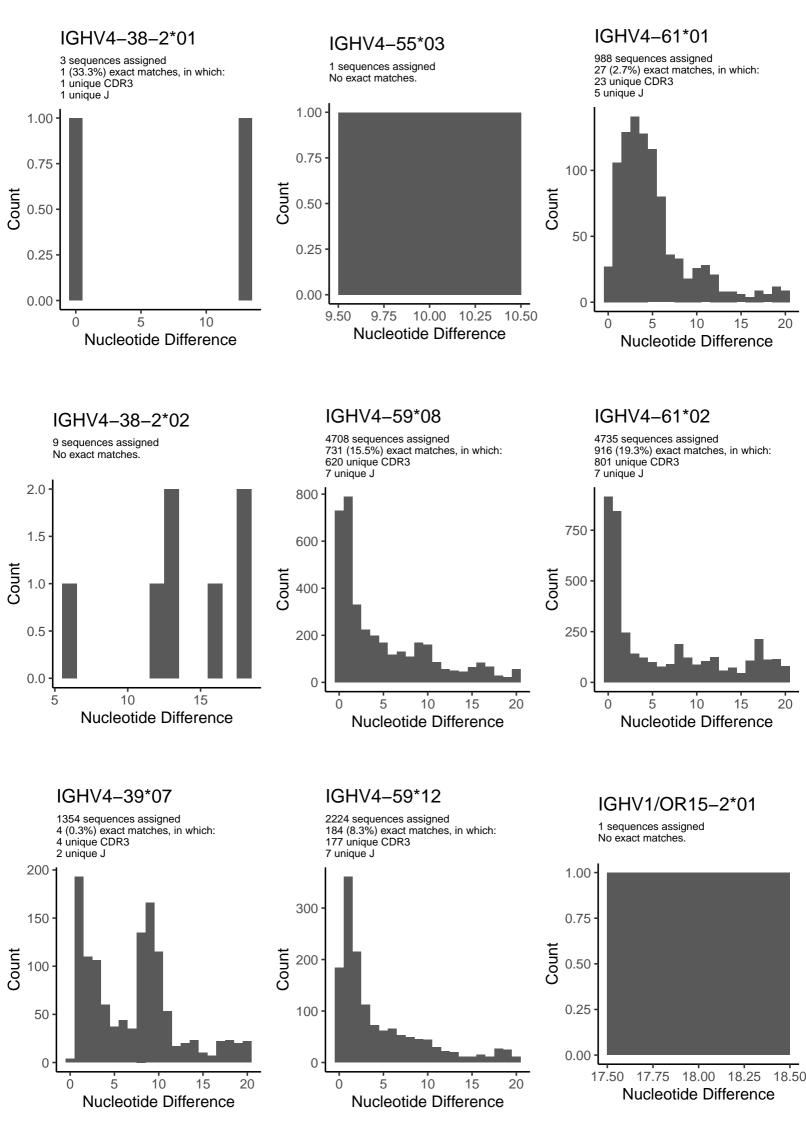


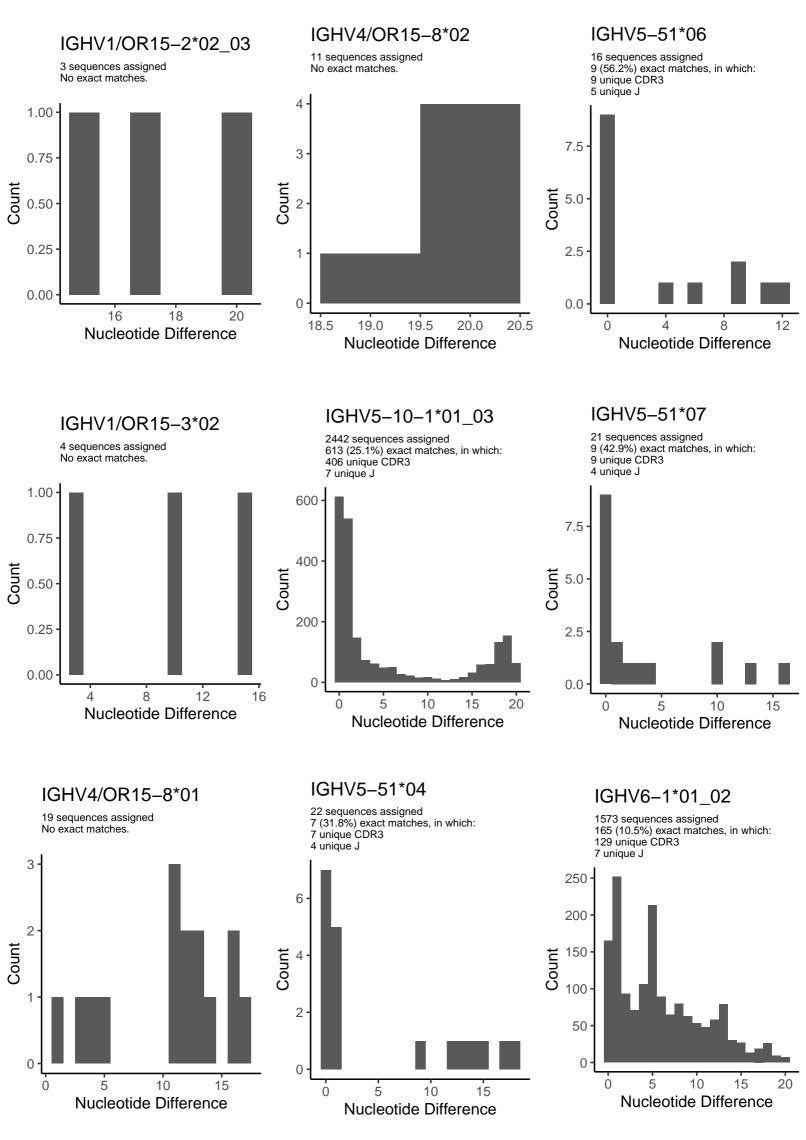






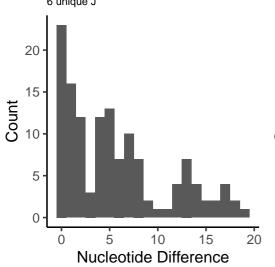






IGHV6-1*01_02_A315G

134 sequences assigned 23 (17.2%) exact matches, in which: 23 unique CDR3 6 unique J

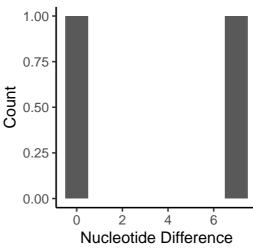


IGHV7-4-1*02

2 sequences assigned 1 (50%) exact matches, in which:

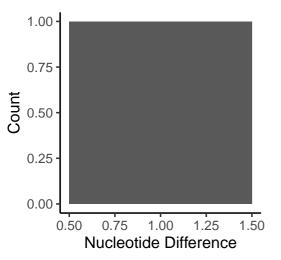
1 ùnique CDR3

1 unique J



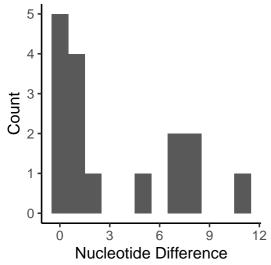
IGHV3/OR16-8*01

1 sequences assigned No exact matches.



IGHV7-4-1*01

16 sequences assigned 5 (31.2%) exact matches, in which: 5 unique CDR3 3 unique J



IGHV6-1*01_02_A315G

54112 13 14 15 16 17 18 19 20 21 23

CDR3 AA Length (unmutated)



Sequence Count by IGHJ6 allele usage

