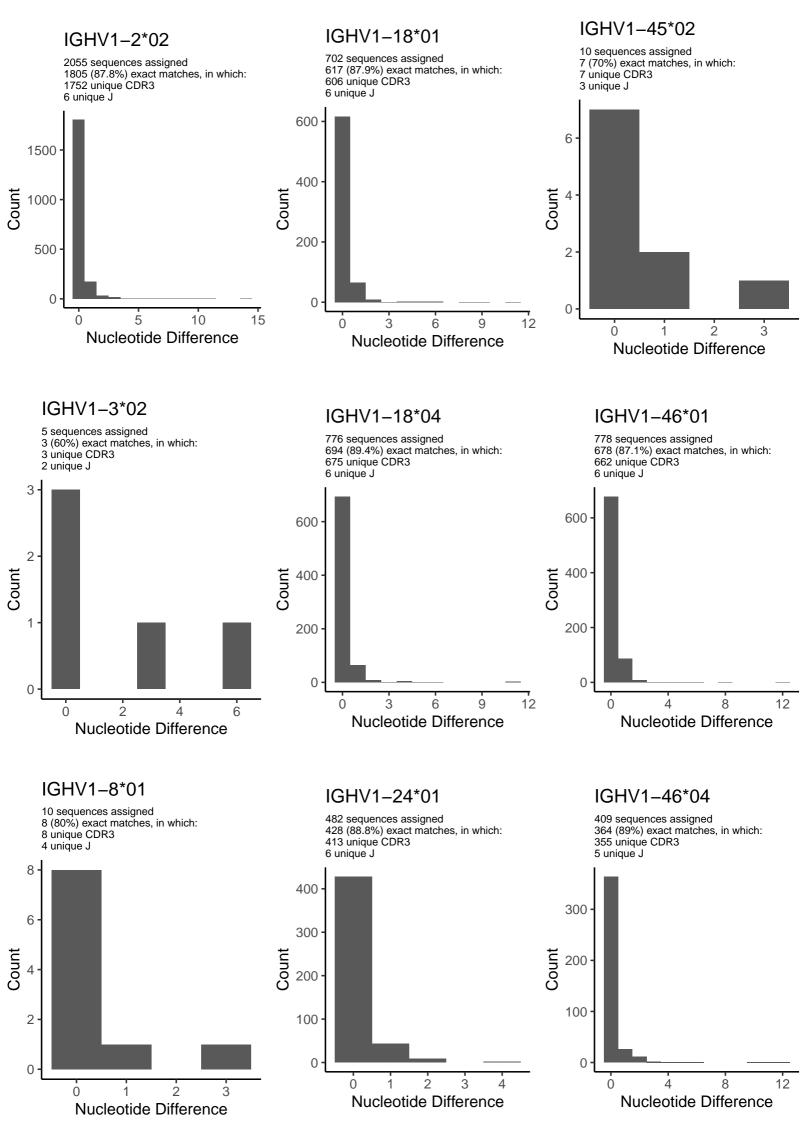
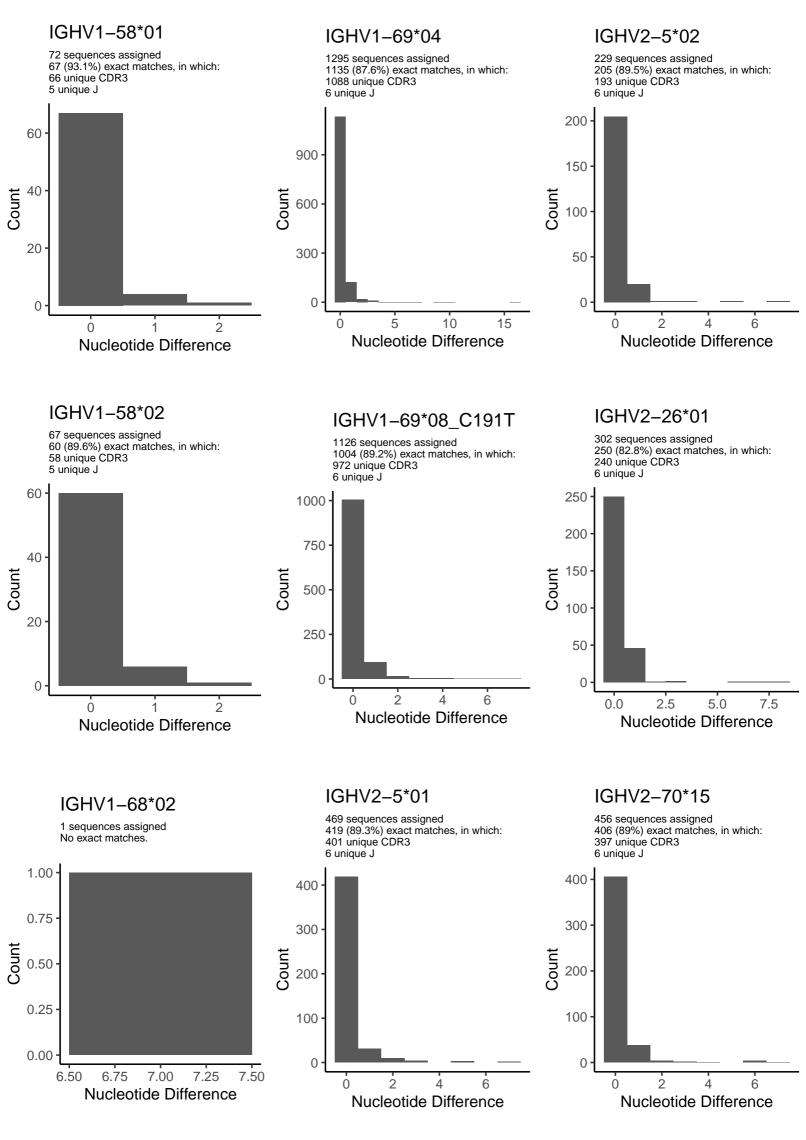
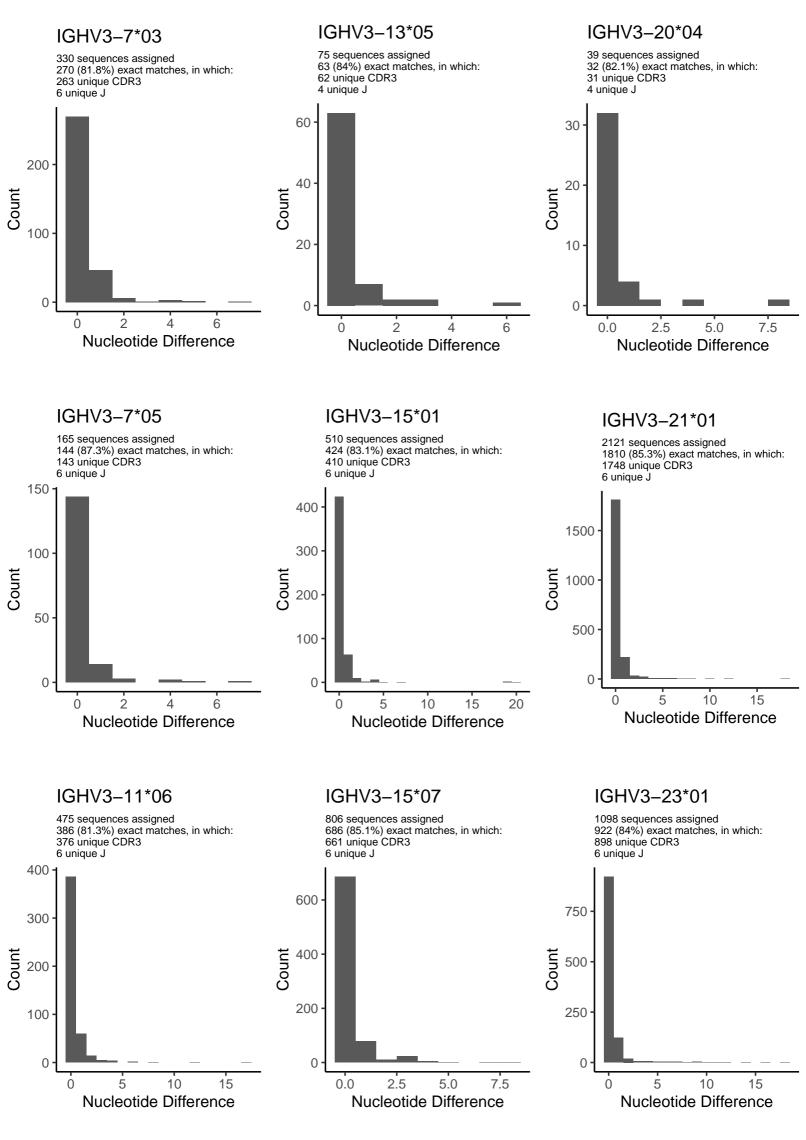
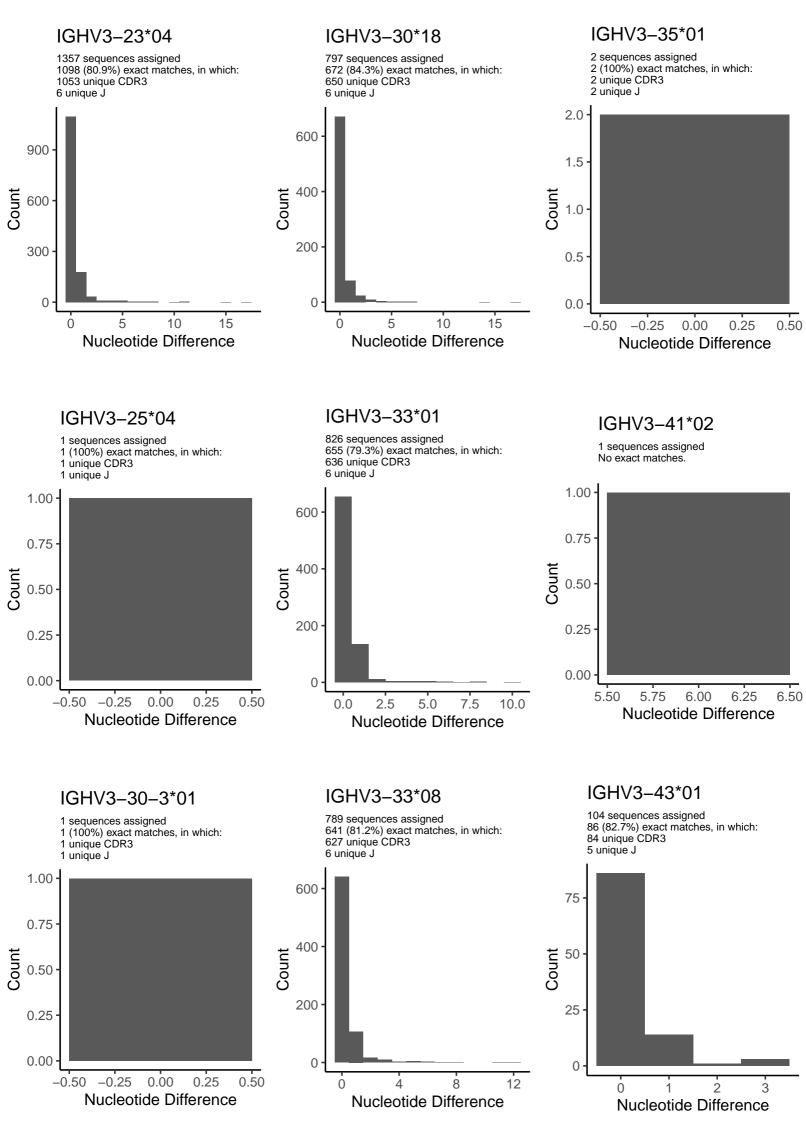


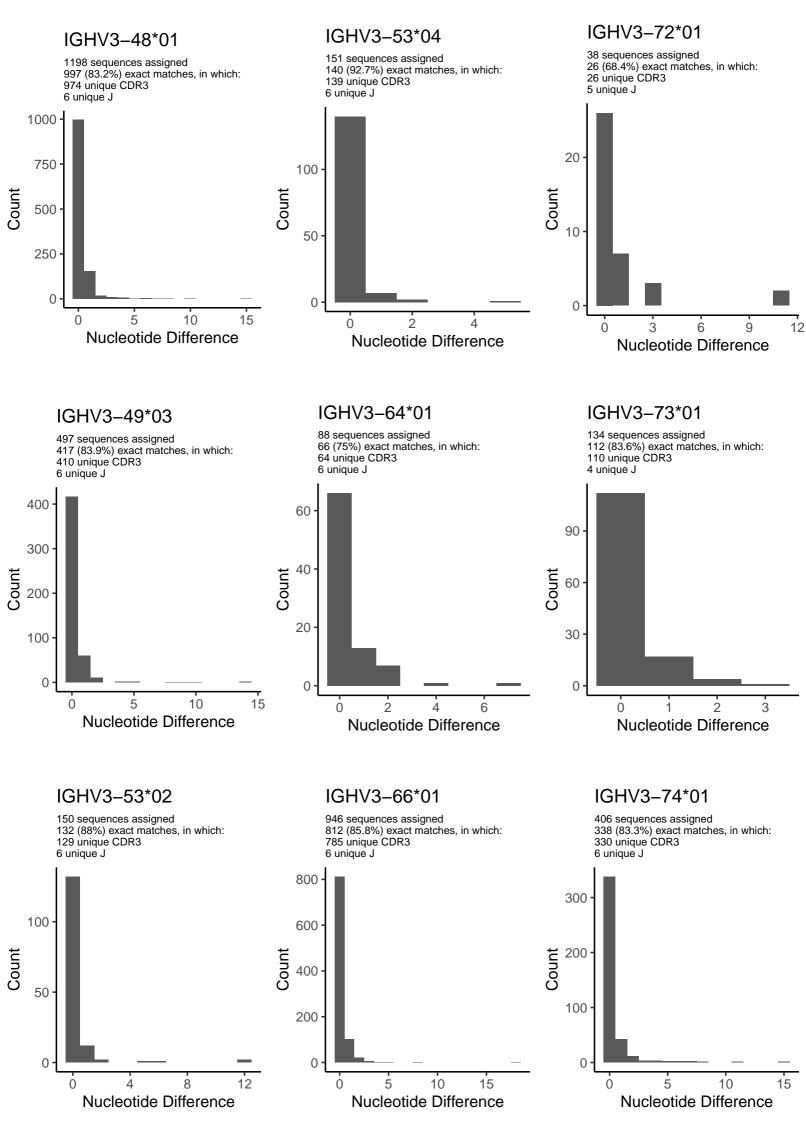
Triplet

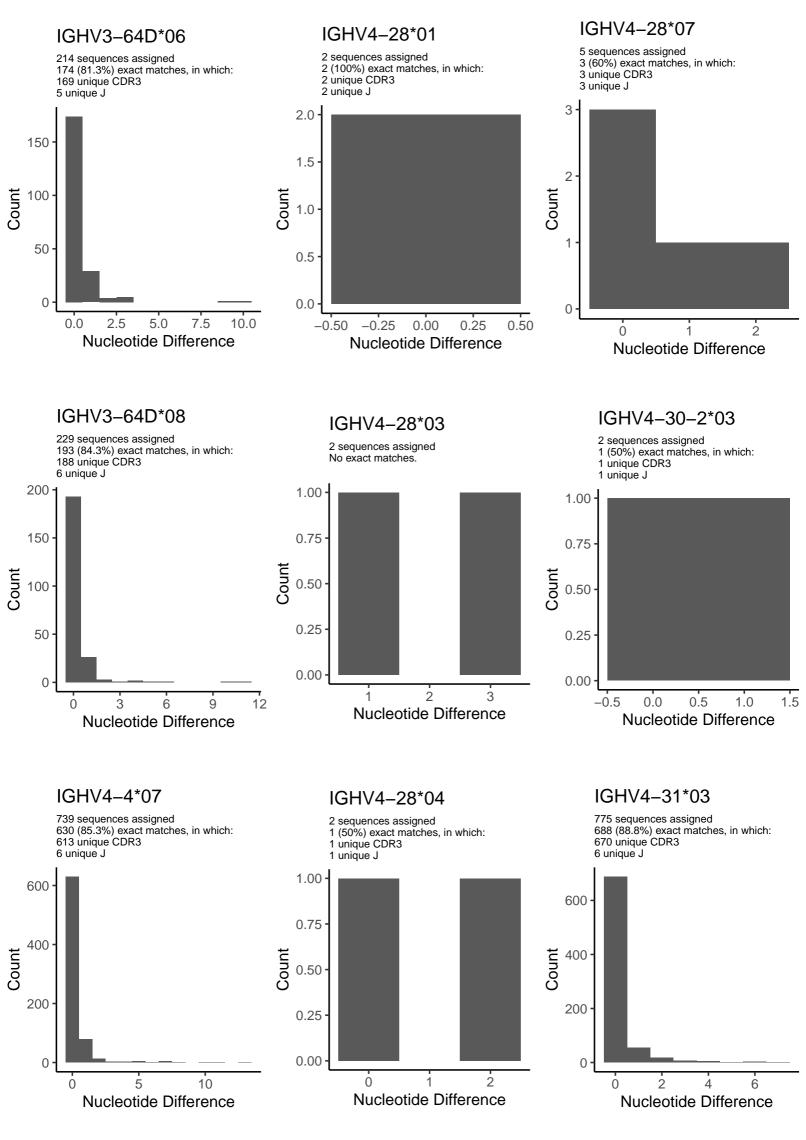


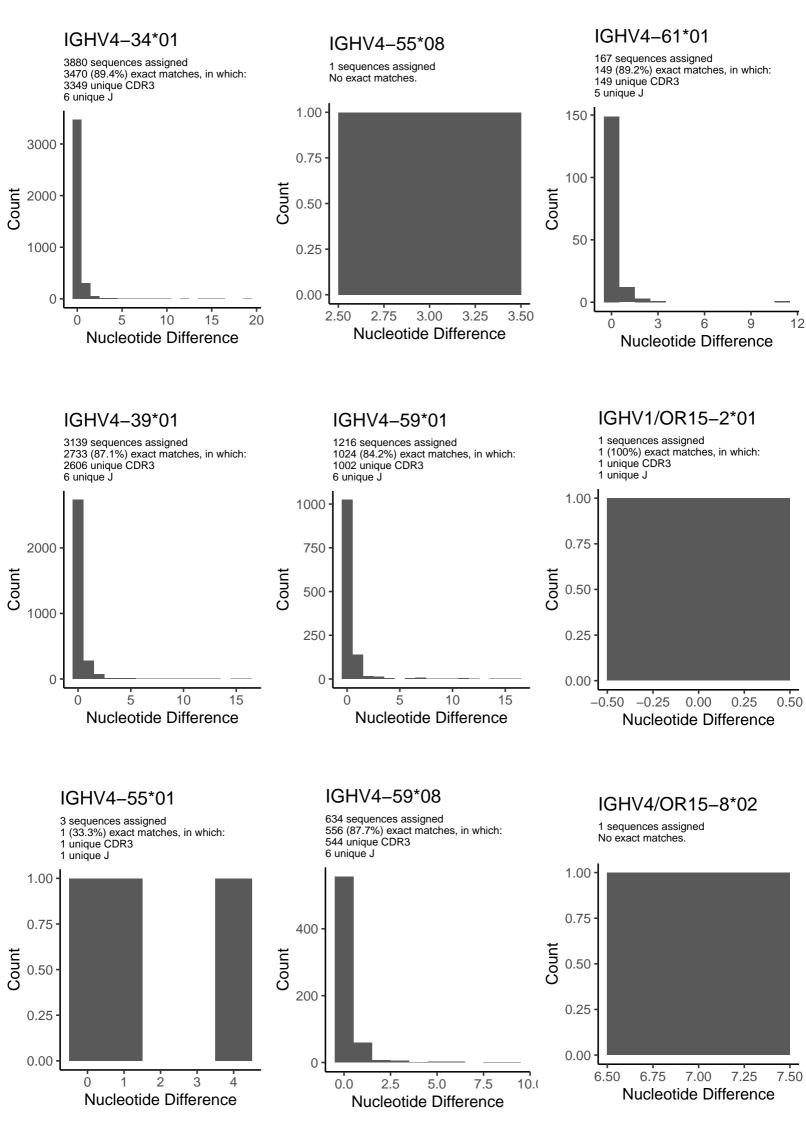




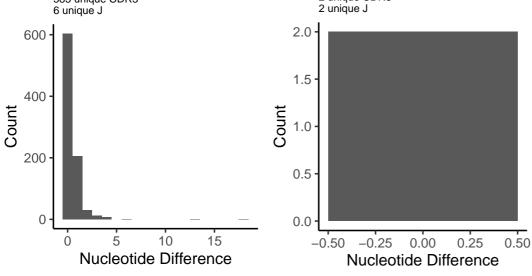








## IGHV5-10-1\*03 IGHV6-1\*01 1097 sequences assigned 948 (86.4%) exact matches, in which: 212 sequences assigned 184 (86.8%) exact matches, in which: 176 unique CDR3 912 unique CDR3 6 unique J 6 unique J 150 Count 500 100 50 250 0 0 15 5 10 5 10 15 **Nucleotide Difference Nucleotide Difference** IGHV7-81\*01 IGHV5-51\*01 862 sequences assigned 604 (70.1%) exact matches, in which: 585 unique CDR3 2 sequences assigned 2 (100%) exact matches, in which: 2 unique CDR3 2 unique J 6 unique J 2.0 600 1.5



## IGHV5-51\*03

445 sequences assigned 377 (84.7%) exact matches, in which: 367 unique CDR3 6 unique J

