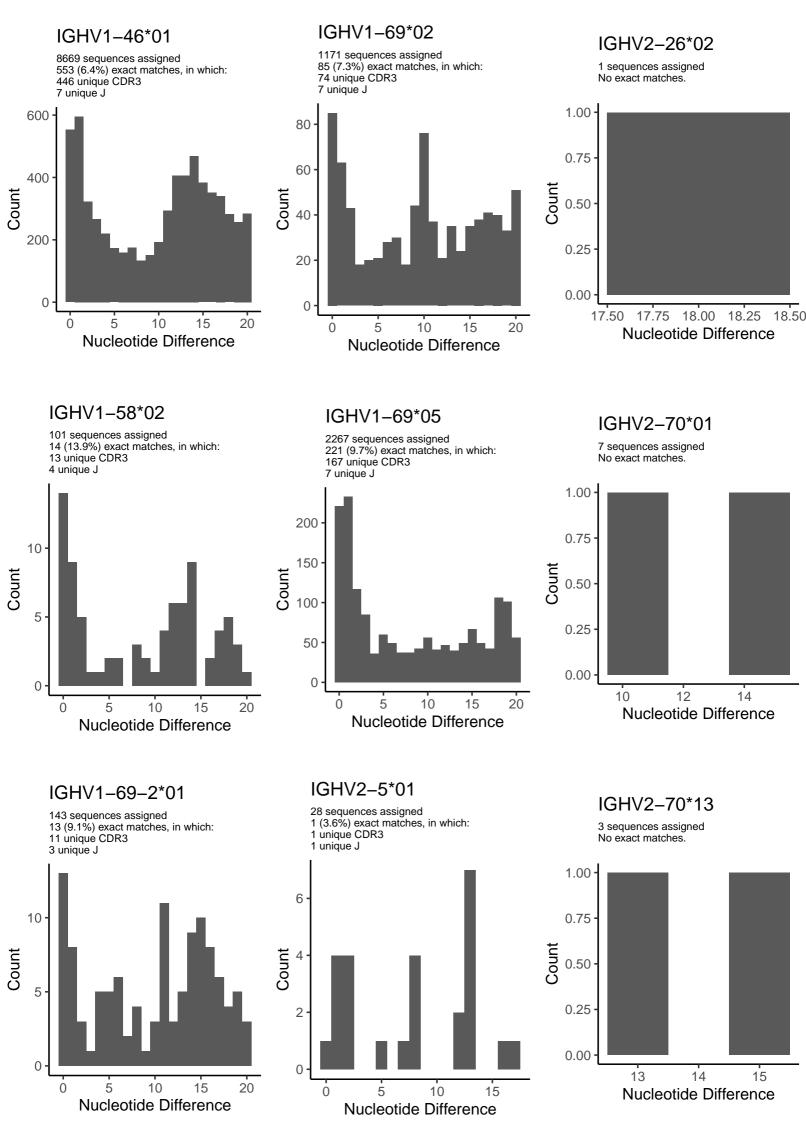
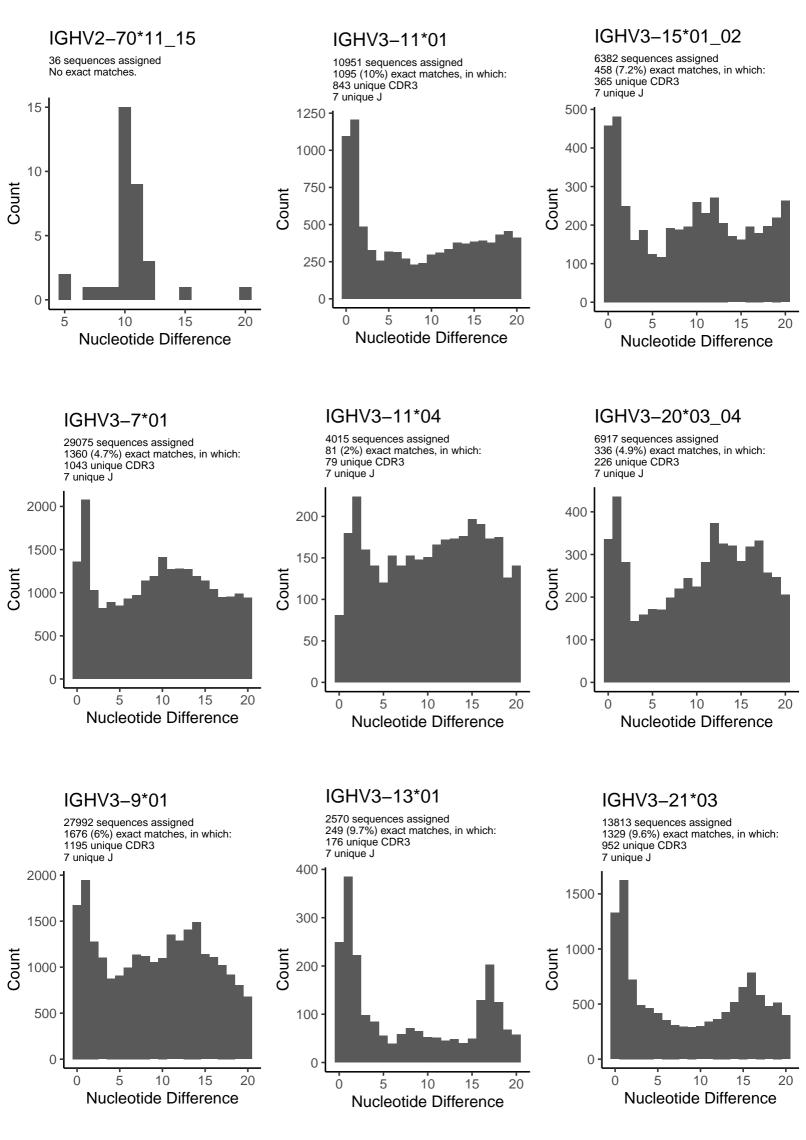
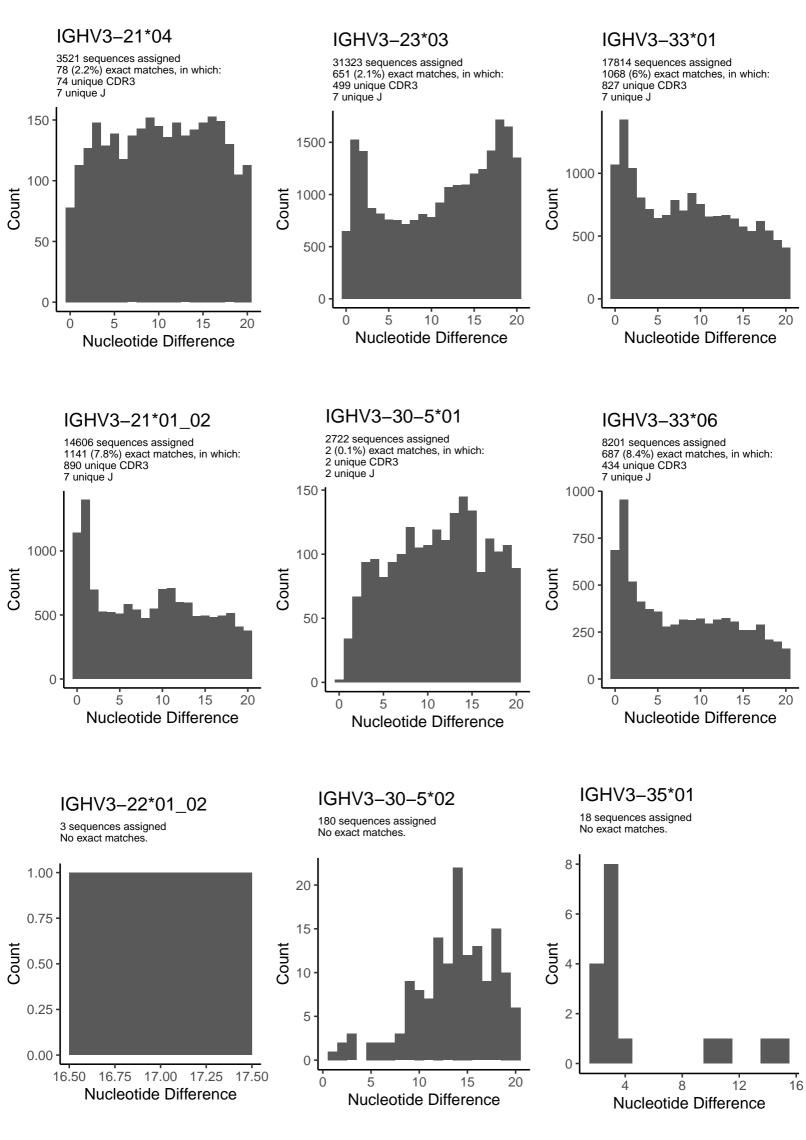
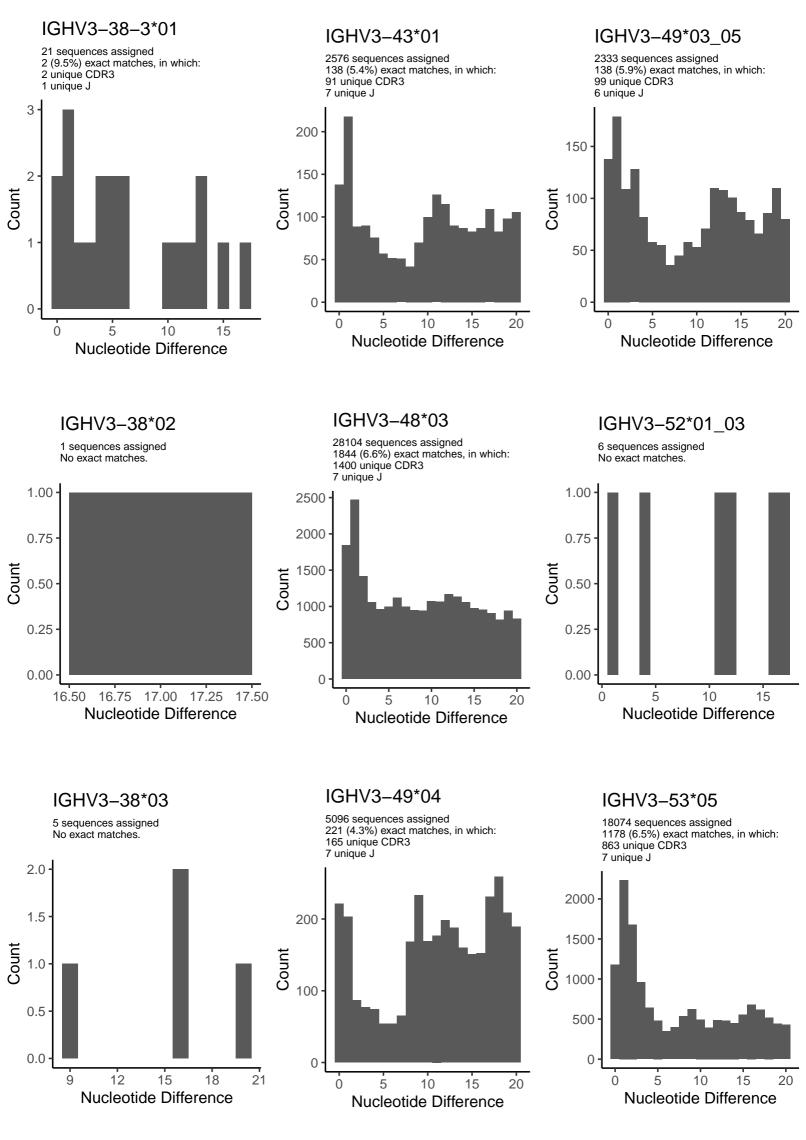
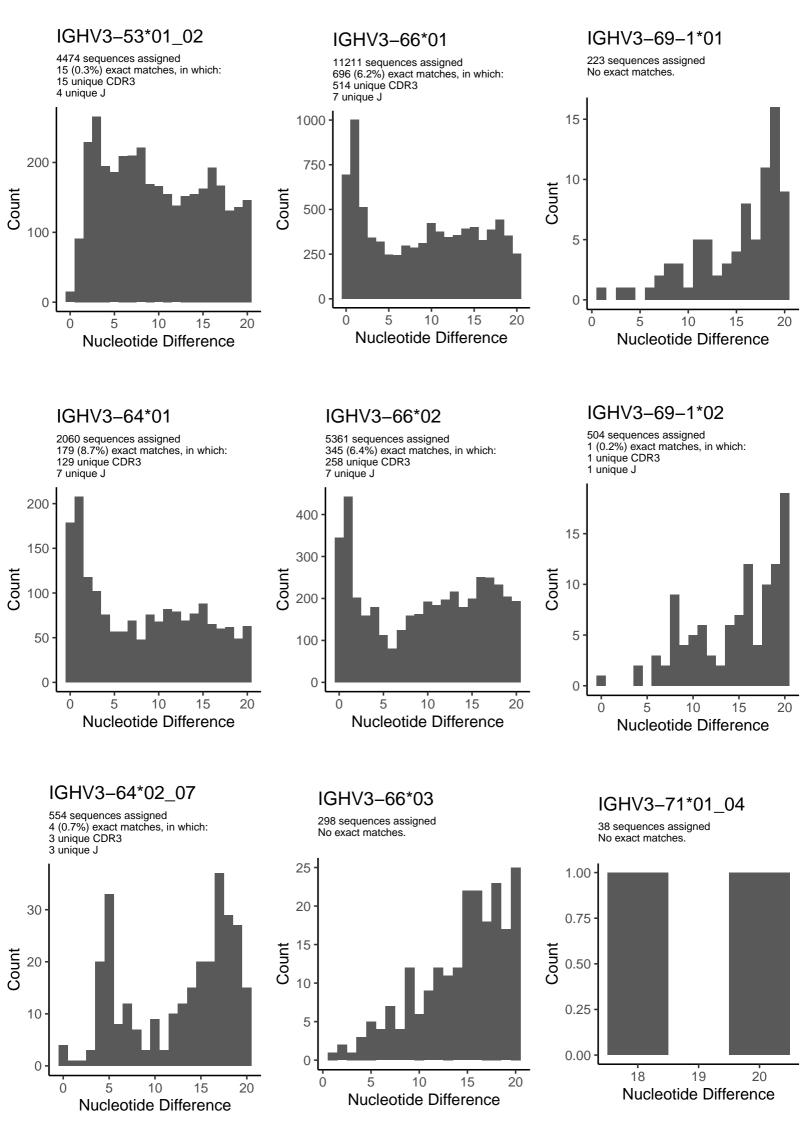
IGHV1-3*01_05 IGHV1-2*02 IGHV1-18*01 680 sequences assigned 49 (7.2%) exact matches, in which: 5568 sequences assigned 36469 sequences assigned 2082 (5.7%) exact matches, in which: 366 (6.6%) exact matches, in which: 41 unique CDR3 302 unique CDR3 1609 unique CDR3 6 unique J 7 unique J 7 unique J 80 3000 300 60 2000 Count Count Count 200 40 1000 100 20 0 0 0 0 5 10 15 15 5 10 20 0 10 15 **Nucleotide Difference** Nucleotide Difference Nucleotide Difference IGHV1-24*01 IGHV1-2*06 IGHV1-8*01 201 sequences assigned 25 (12.4%) exact matches, in which: 5052 sequences assigned 9435 sequences assigned 1187 (12.6%) exact matches, in which: 373 (7.4%) exact matches, in which: 25 unique CDR3 303 unique CDR3 868 unique CDR3 4 unique J 7 unique J 7 unique J 400 25 1500 20 300 15 1000 Count Count Count 200 10 500 100 5 0 0 0 0 5 10 15 20 10 15 20 0 5 10 15 20 0 Nucleotide Difference Nucleotide Difference Nucleotide Difference IGHV1-45*02 IGHV1-8*02 IGHV1-3*04 18 sequences assigned 1256 sequences assigned 119 sequences assigned 1 (5.6%) exact matches, in which: 5 (0.4%) exact matches, in which: No exact matches. 1 uniqué CDR3 4 uniqué CDR3 1 unique J 2 unique J 10.0 2.0 100 7.5 75 1.5 Count Count Count 5.0 50 1.0 2.5 25 0.5 0.0 0 0.0 10 20 15 5 10 15 20 10 15 5 **Nucleotide Difference Nucleotide Difference** Nucleotide Difference

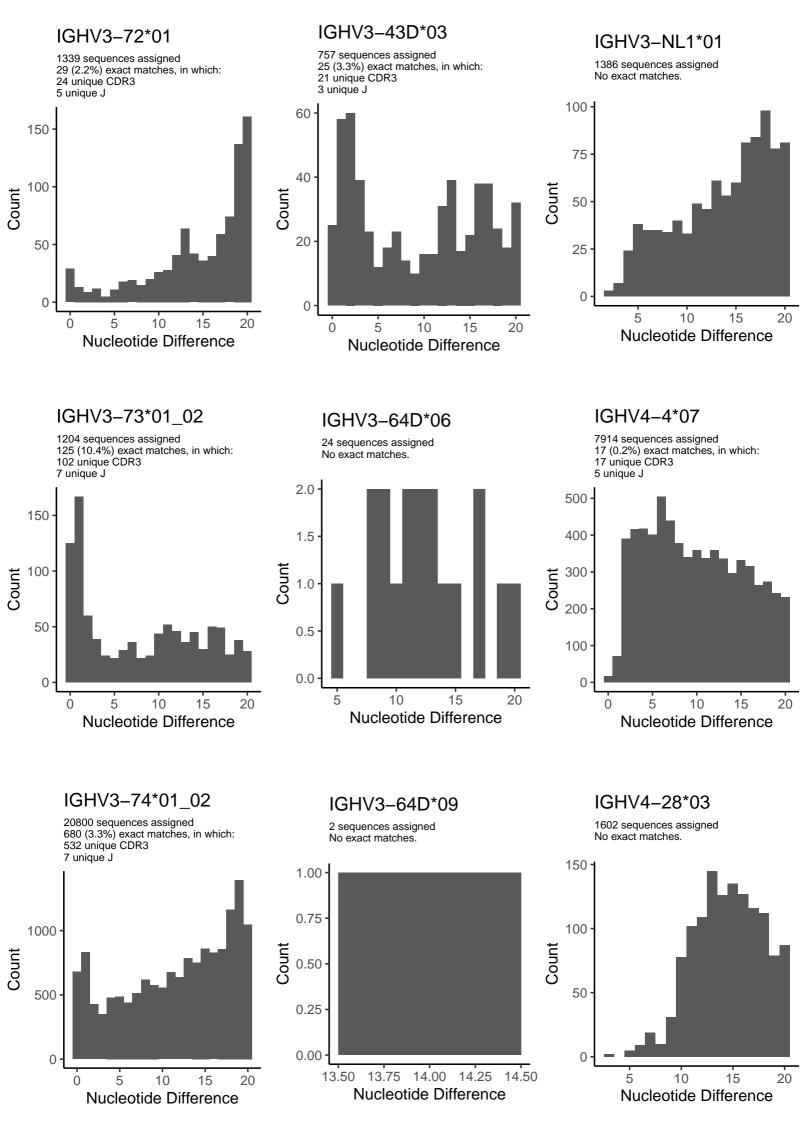


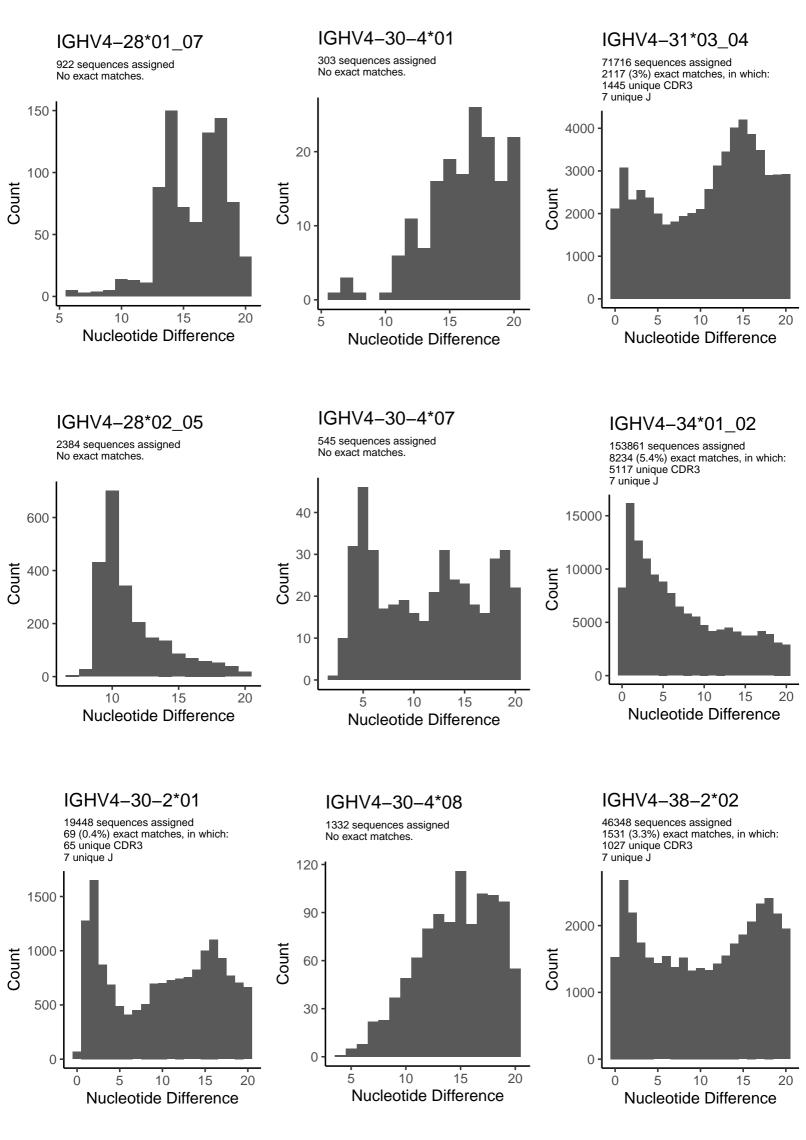


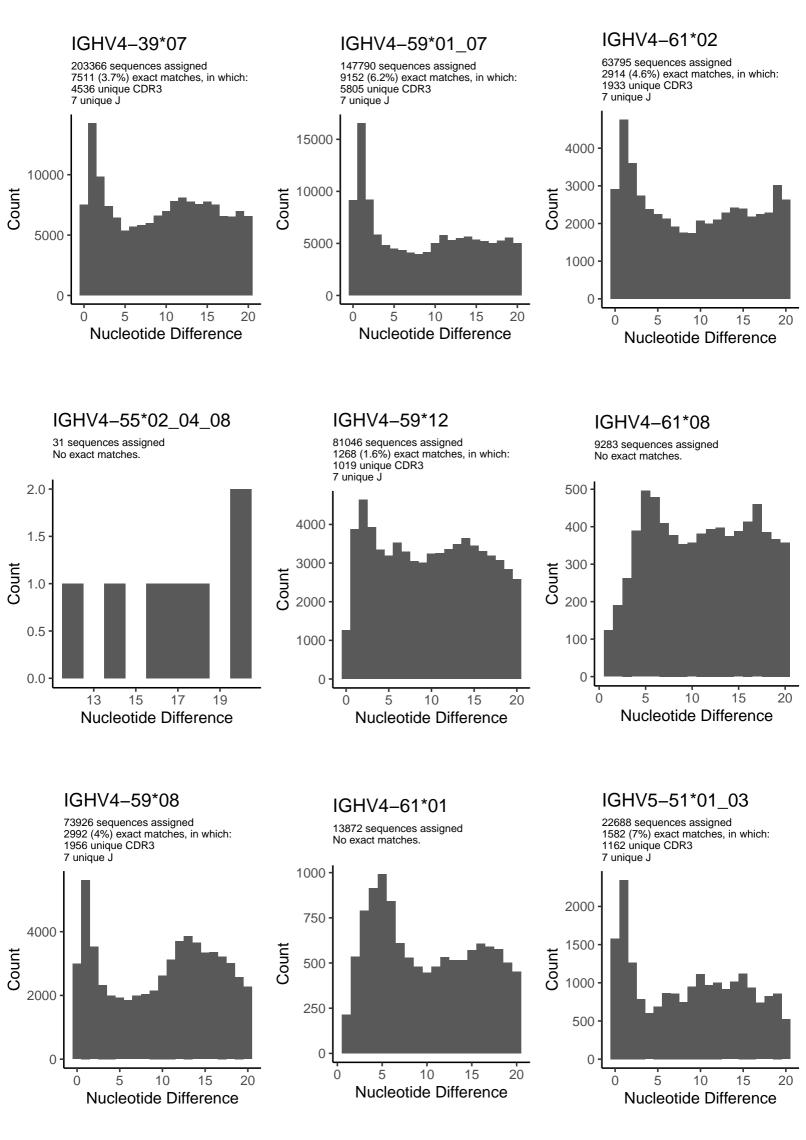






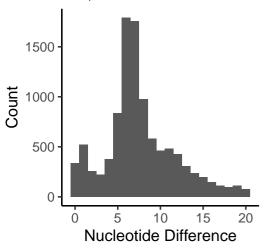






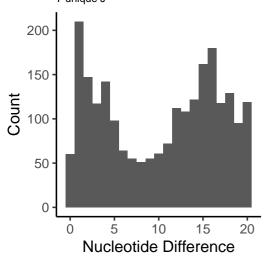
IGHV6-1*01_02

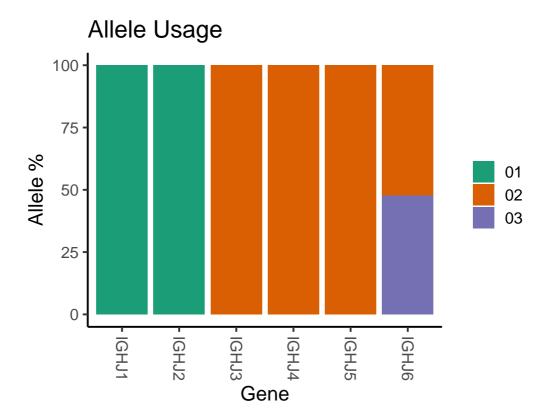
10909 sequences assigned 339 (3.1%) exact matches, in which: 247 unique CDR3 7 unique J



IGHV7-4-1*02

3405 sequences assigned 60 (1.8%) exact matches, in which: 52 unique CDR3 7 unique J





Sequence Count by IGHJ6 allele usage

