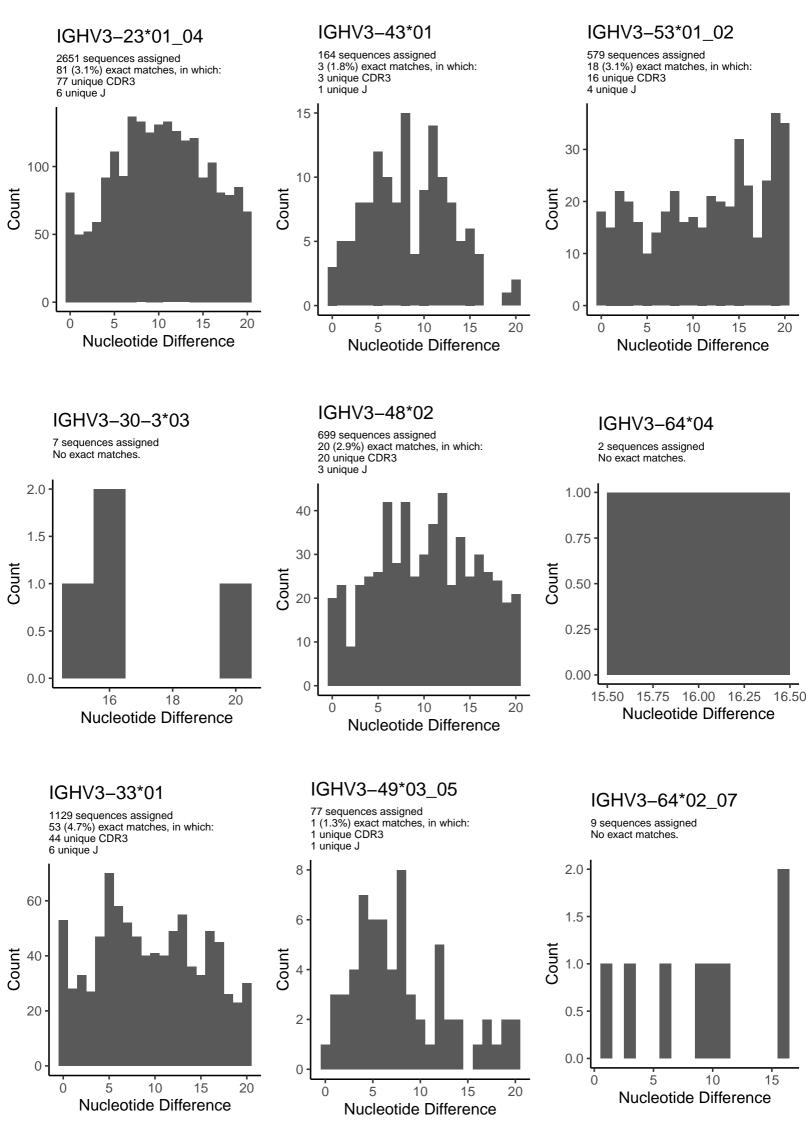
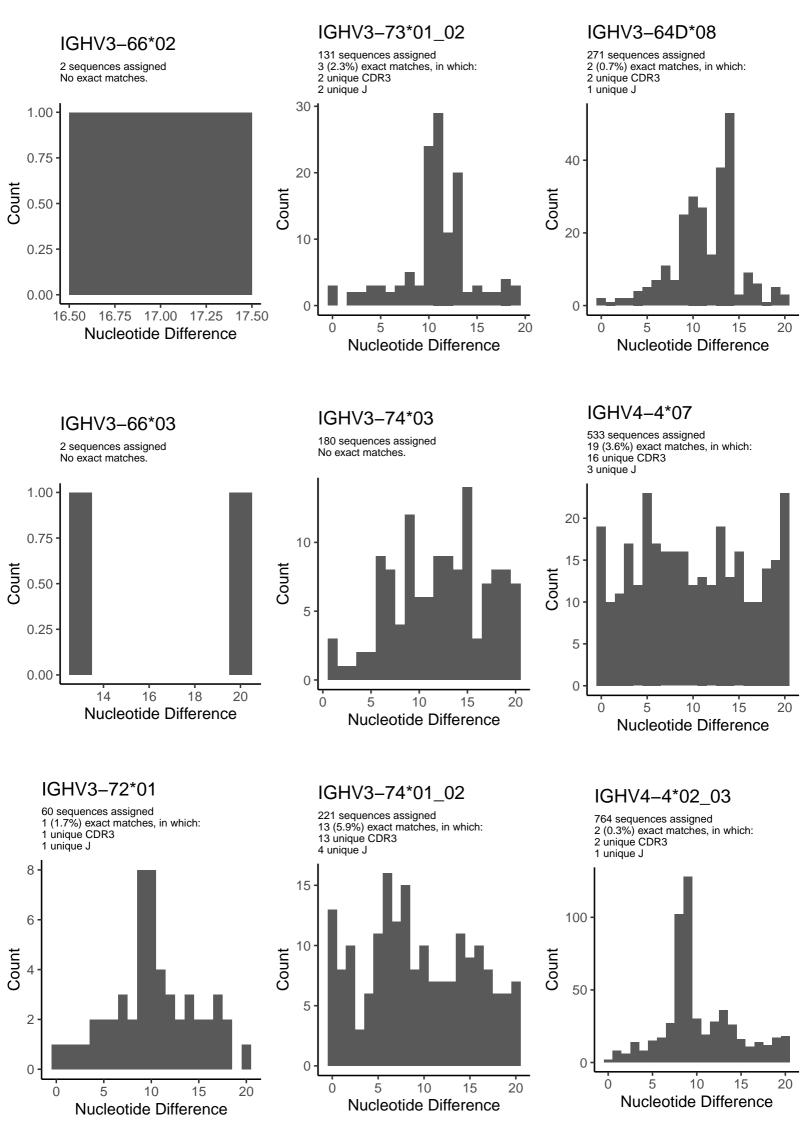
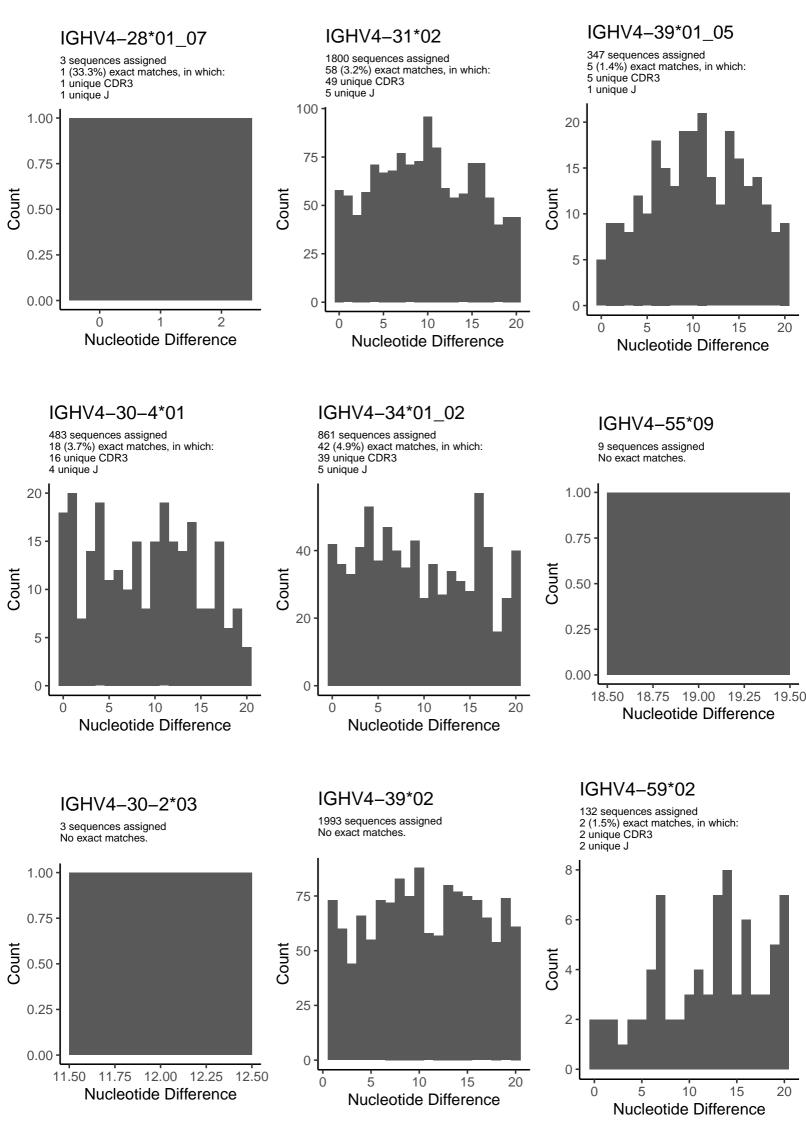
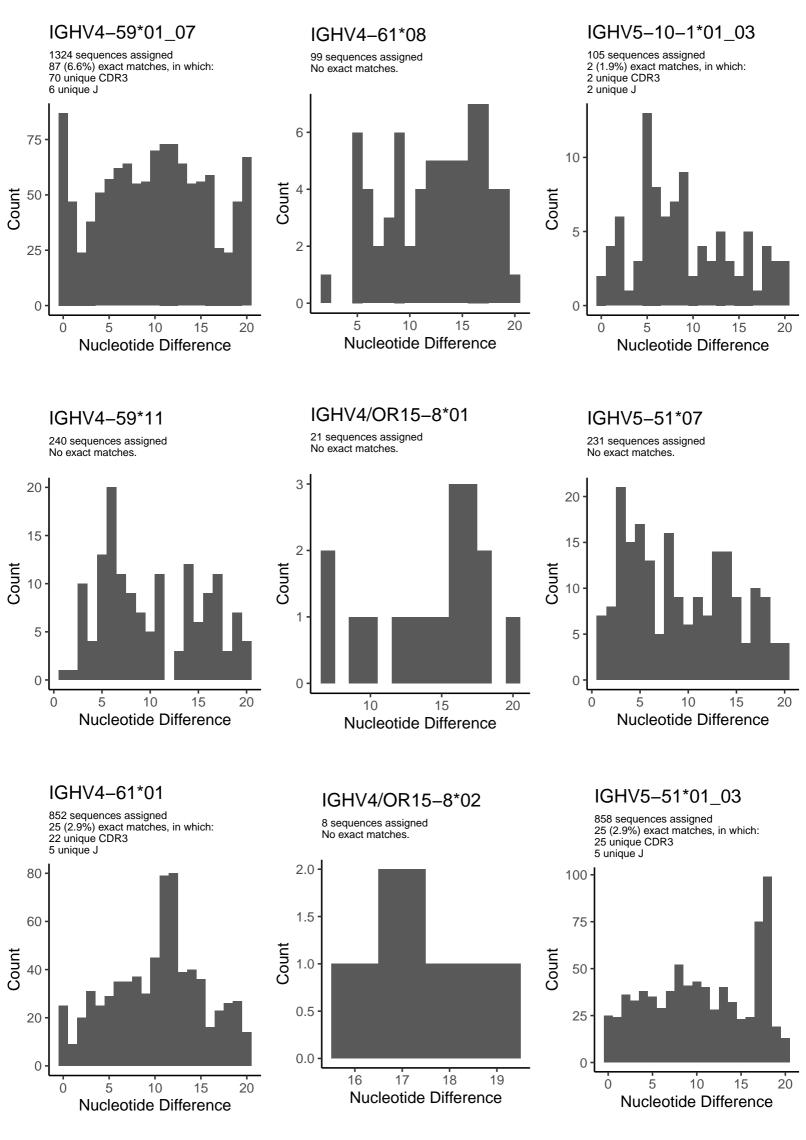


## IGHV3-9\*01 IGHV3-20\*01\_02 IGHV3-13\*01 677 sequences assigned 26 sequences assigned 103 sequences assigned 19 (2.8%) exact matches, in which: 19 unique CDR3 No exact matches. 2 (1.9%) exact matches, in which: 2 ùniqué CDR3 5 unique J 2 unique J 10.0 40 3 7.5 30 Count 2 5.0 20 2.5 10 0.0 0 20 5 10 15 0 10 15 5 10 15 20 0 **Nucleotide Difference** Nucleotide Difference **Nucleotide Difference** IGHV3-15\*07 IGHV3-20\*03\_04 IGHV3-11\*01 48 sequences assigned 1 (2.1%) exact matches, in which: 1 unique CDR3 95 sequences assigned 1 (1.1%) exact matches, in which: 659 sequences assigned 22 (3.3%) exact matches, in which: 22 unique CDR3 1 unique CDR3 1 unique J 1 unique J 3 unique J 40 6 30 3 Count Count Count 20 2 2 10 0 0 0 10 15 20 0 5 10 15 10 15 0 5 20 0 5 Nucleotide Difference Nucleotide Difference **Nucleotide Difference** IGHV3-11\*06 IGHV3-15\*01\_02 IGHV3-21\*01\_02 75 sequences assigned 2 (2.7%) exact matches, in which: 2 unique CDR3 119 sequences assigned 4 (3.4%) exact matches, in which: 742 sequences assigned 47 (6.3%) exact matches, in which: 4 unique CDR3 47 unique CDR3 2 unique J 2 unique J 4 unique J 6 40 6 30 Count P Count 20 2 2 10 0 0 0 5 10 15 20 20 0 5 10 15 0 5 10 15 20 **Nucleotide Difference** Nucleotide Difference Nucleotide Difference









## IGHV6-1\*01\_02

562 sequences assigned 5 (0.9%) exact matches, in which: 5 unique CDR3 3 unique J

