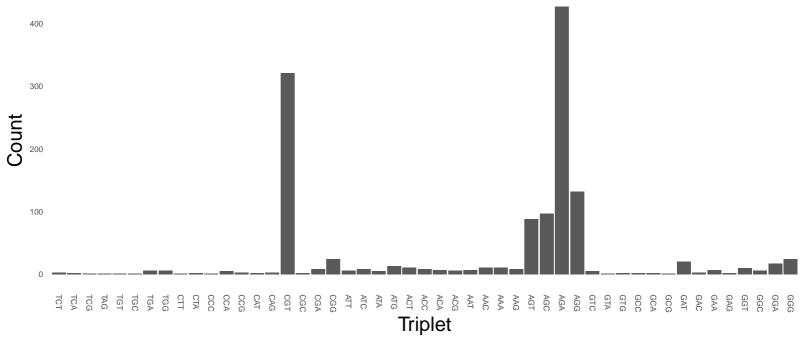
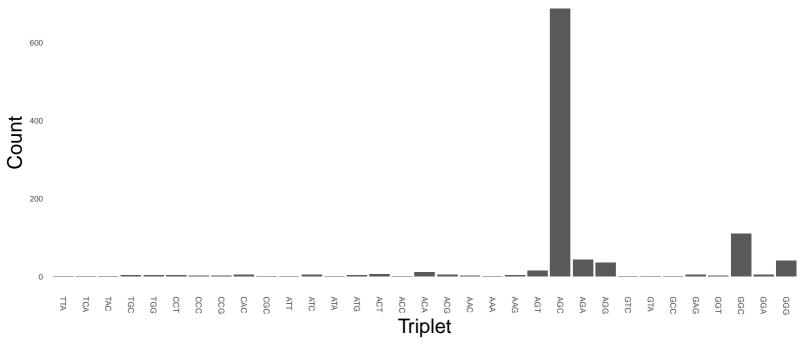


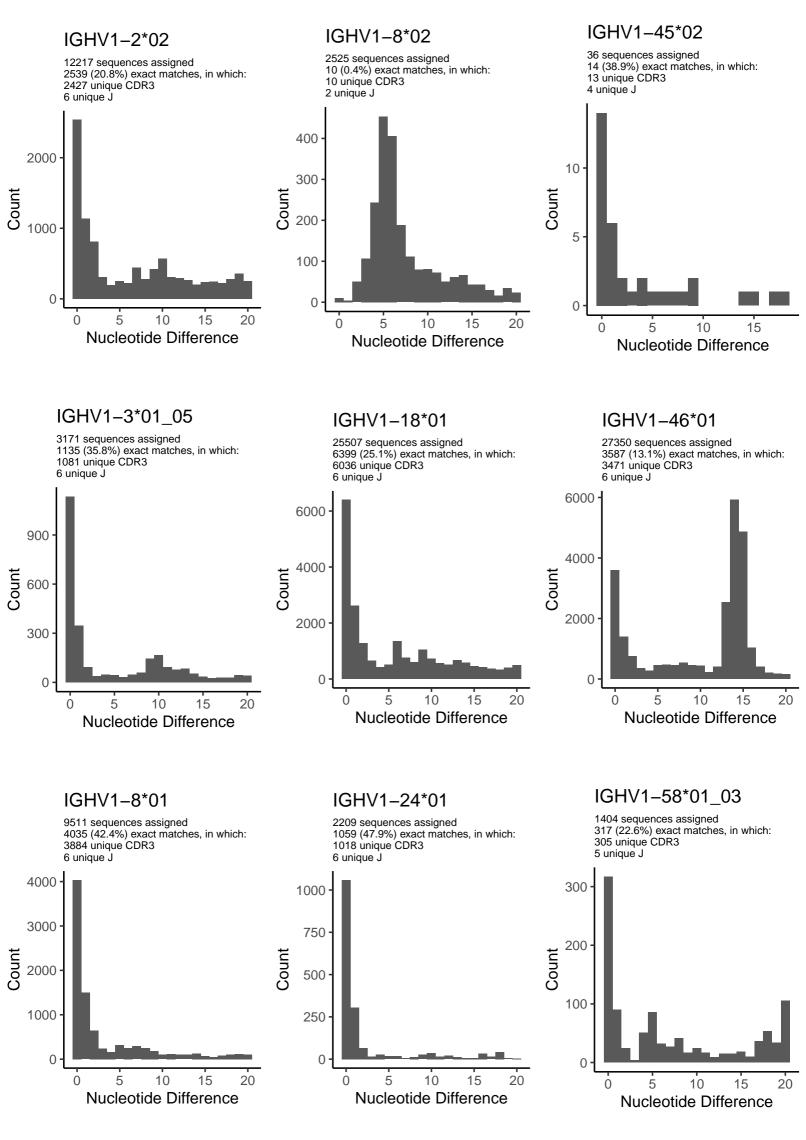
Position

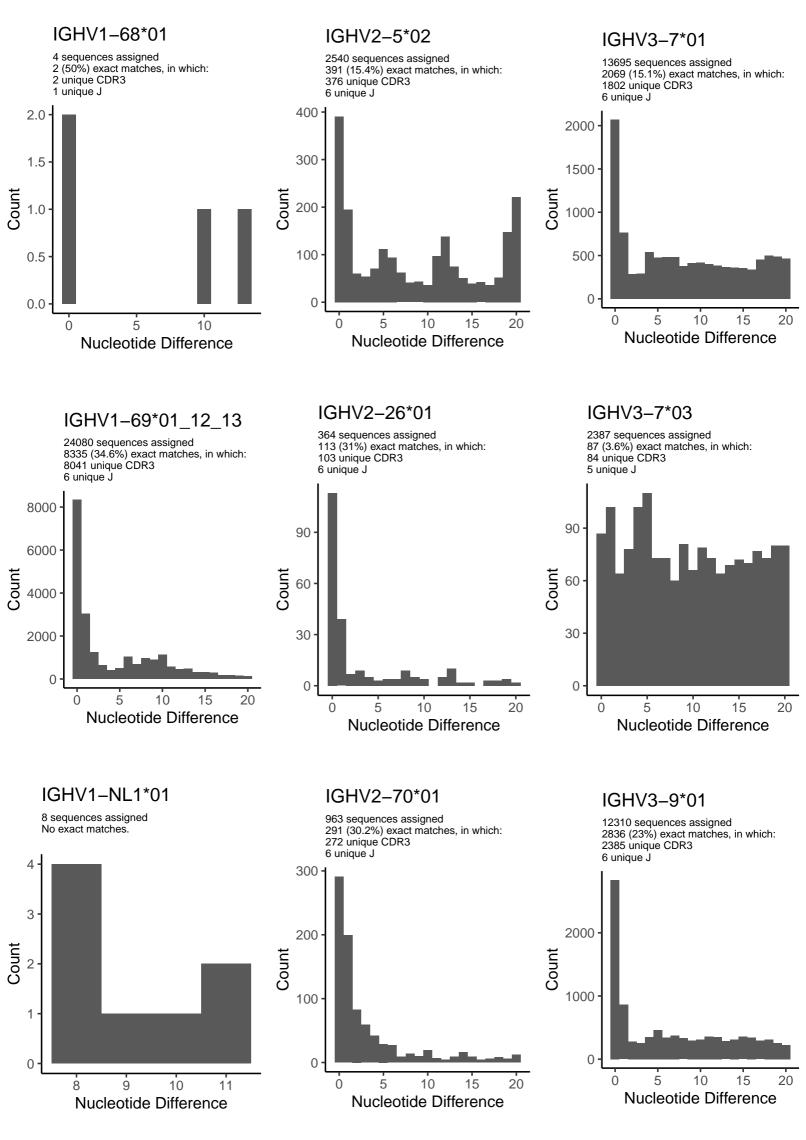
IGHV3-20*03_04_A104G- Final 3 nucleotides as a triplet

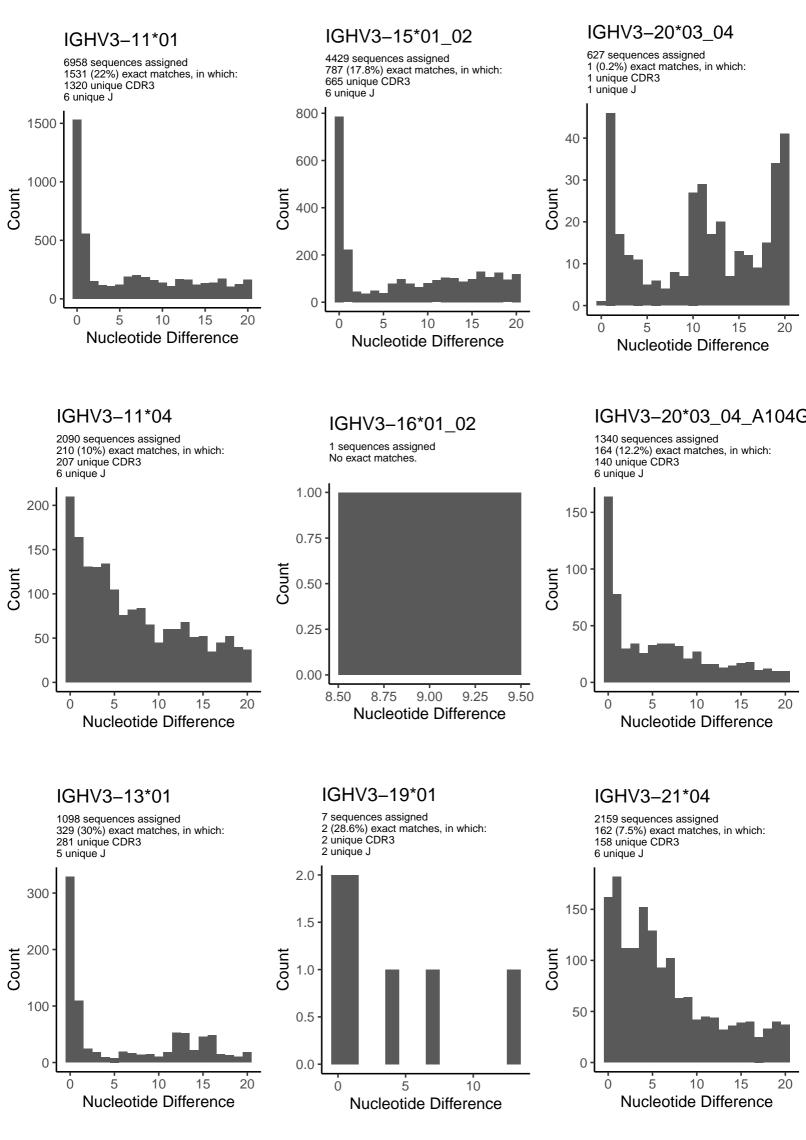


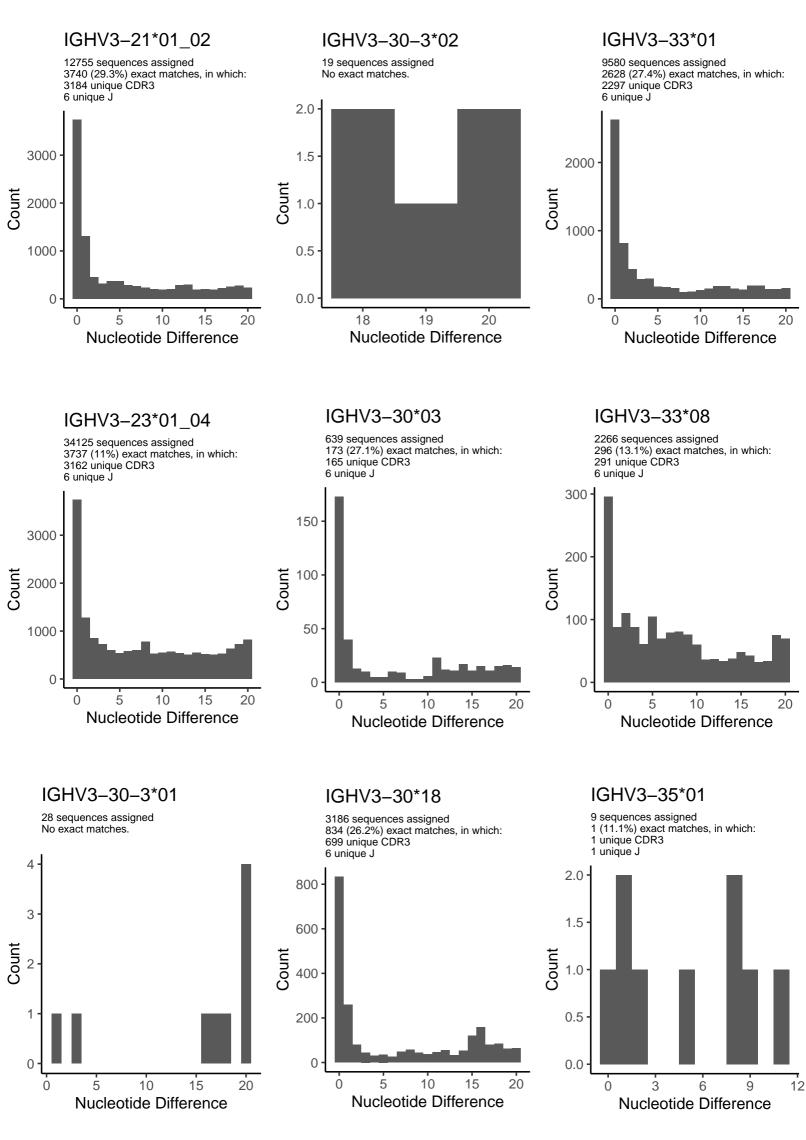
IGHV6-1*01_02_A315G- Final 3 nucleotides as a triplet

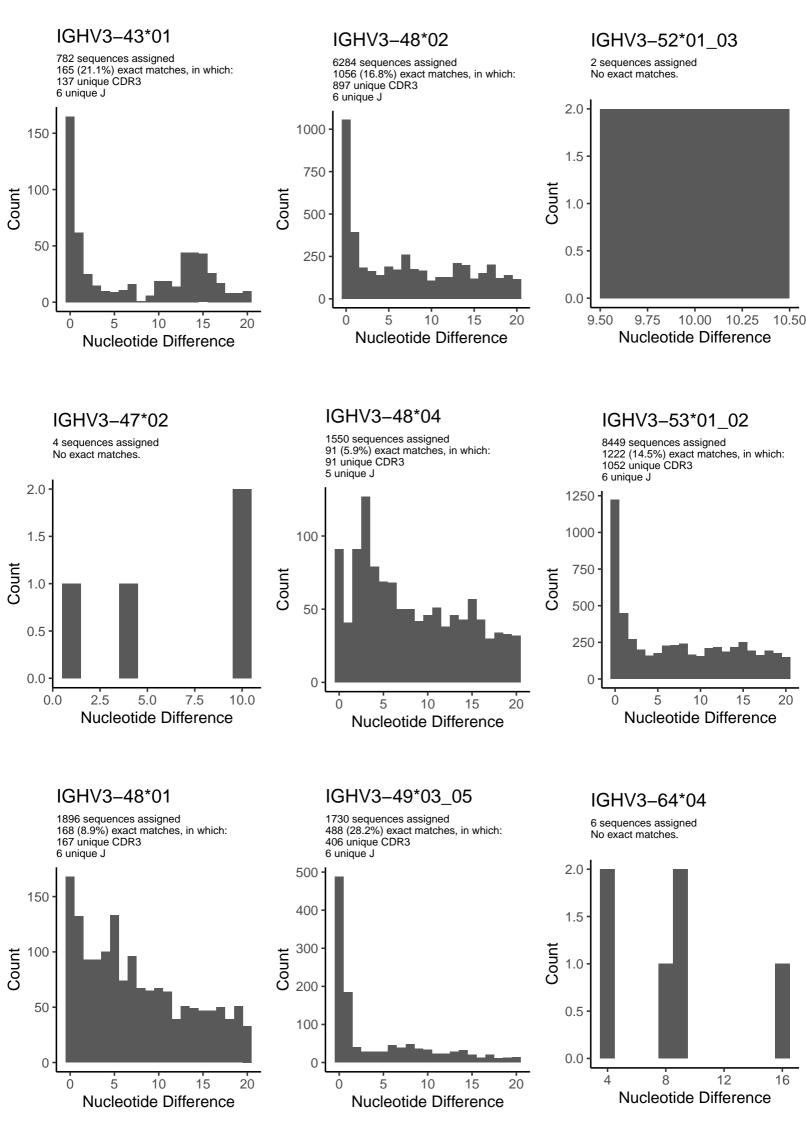


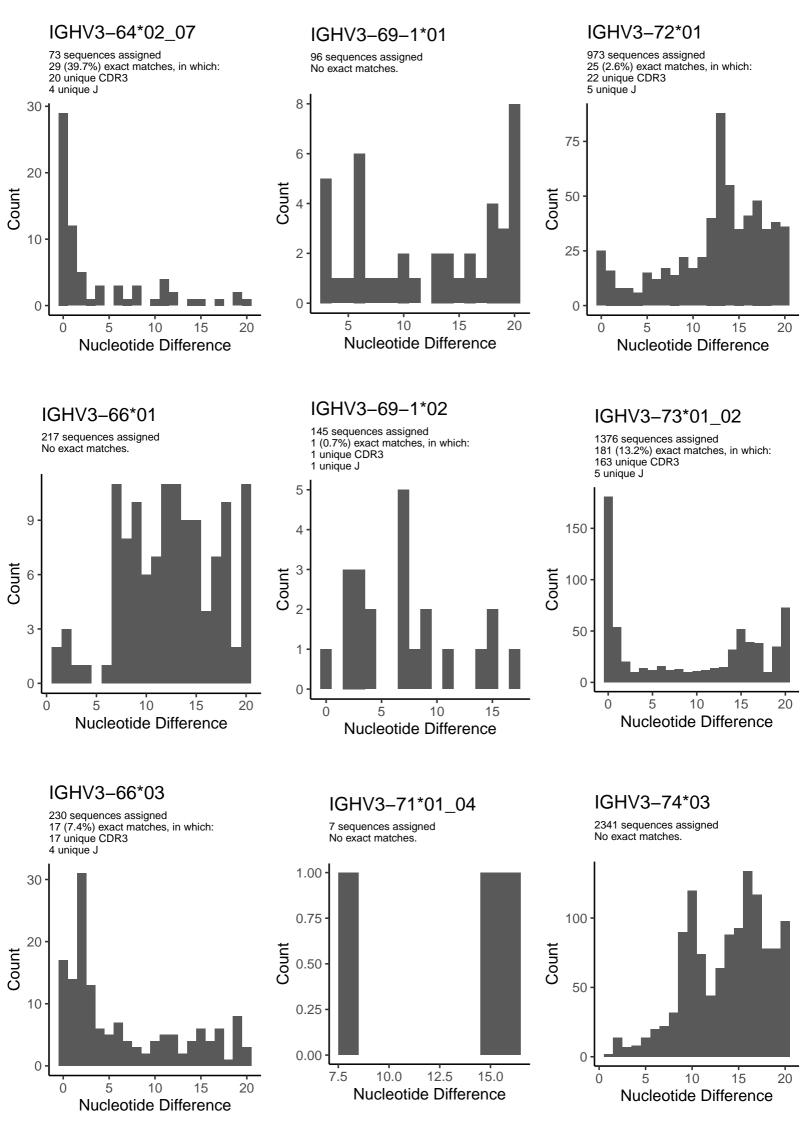


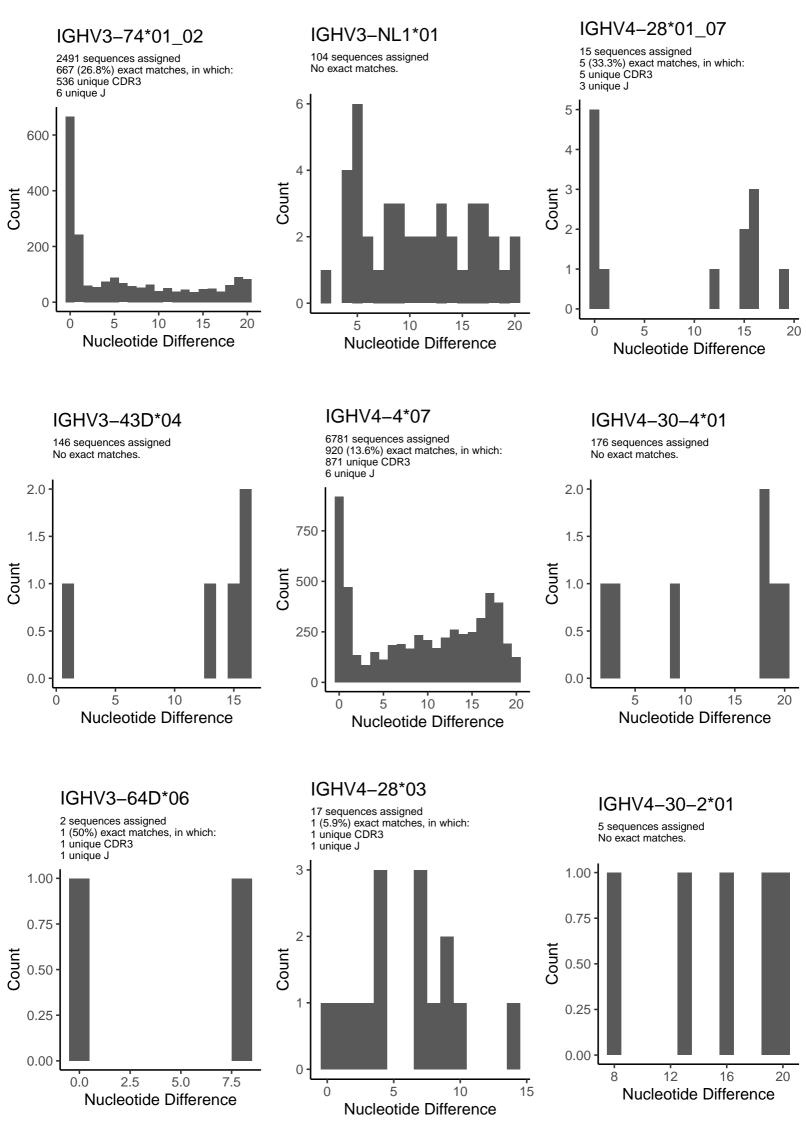


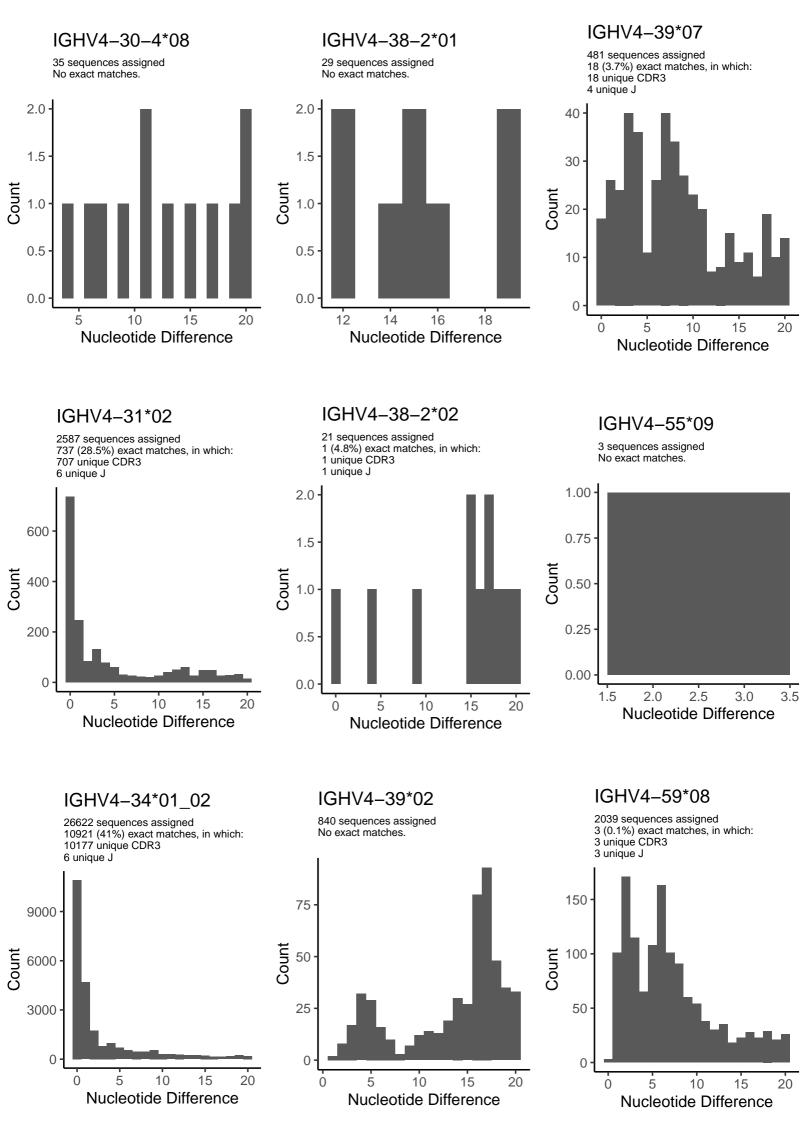


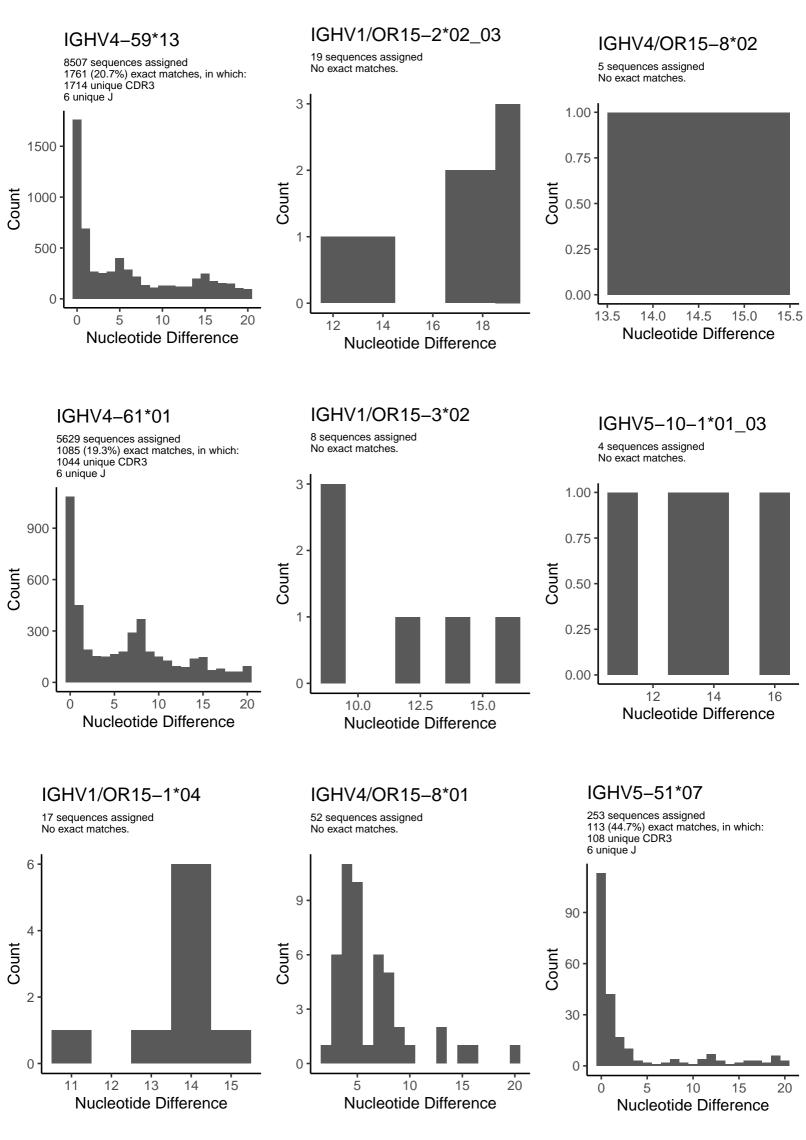






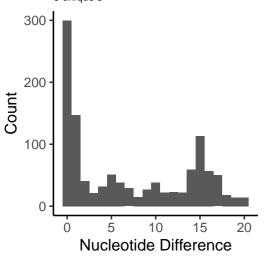






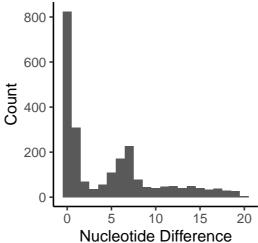
IGHV6-1*01_02

1311 sequences assigned 300 (22.9%) exact matches, in which: 288 unique CDR3 6 unique J



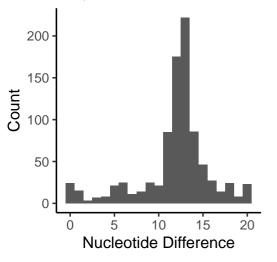
IGHV7-4-1*02

2948 sequences assigned 825 (28%) exact matches, in which: 793 unique CDR3 6 unique J



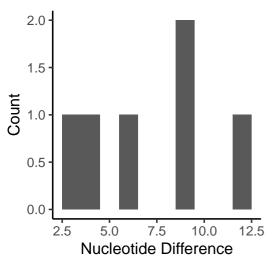
IGHV6-1*01_02_A315G

1002 sequences assigned 24 (2.4%) exact matches, in which: 24 unique CDR3 4 unique J

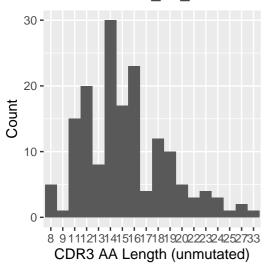


IGHV3/OR16-9*01

7 sequences assigned No exact matches.



IGHV3-20*03_04_A104G



IGHV6-1*01_02_A315G

