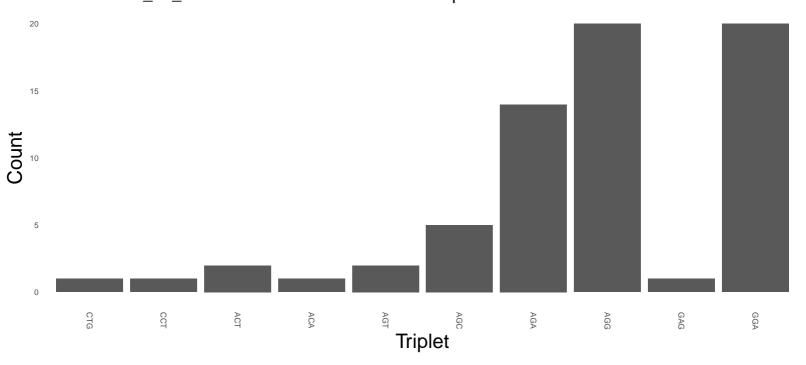
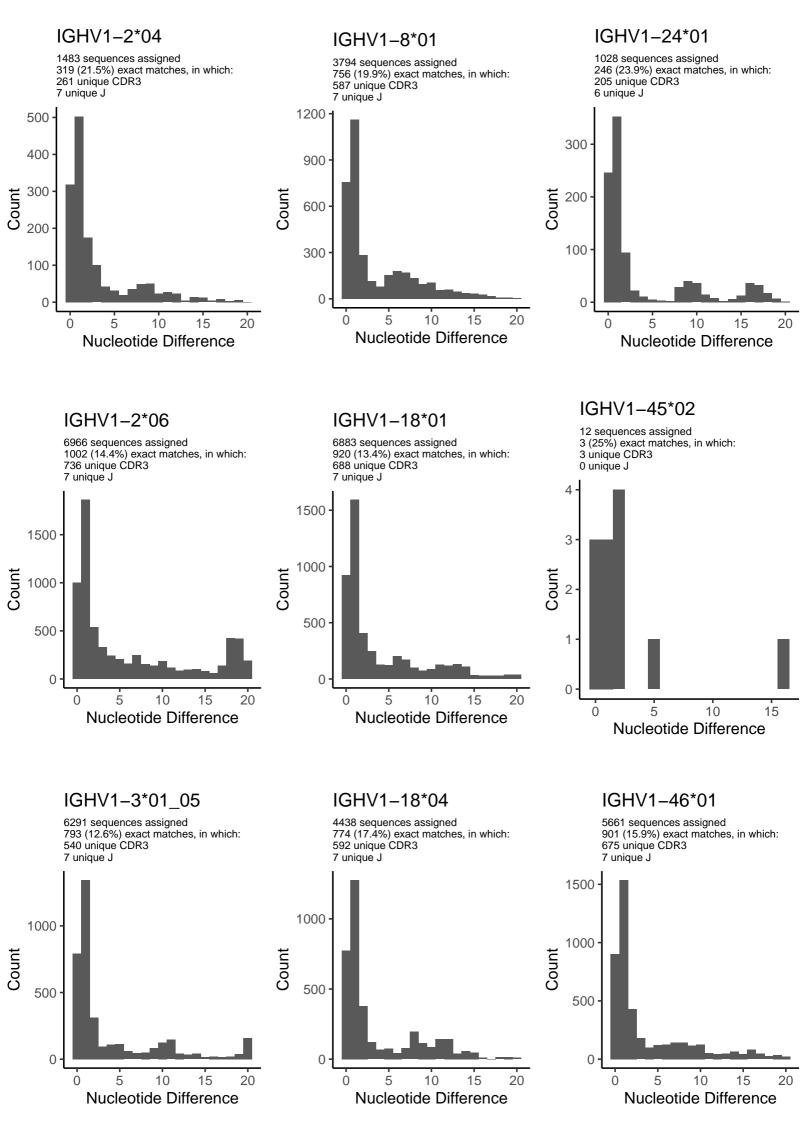
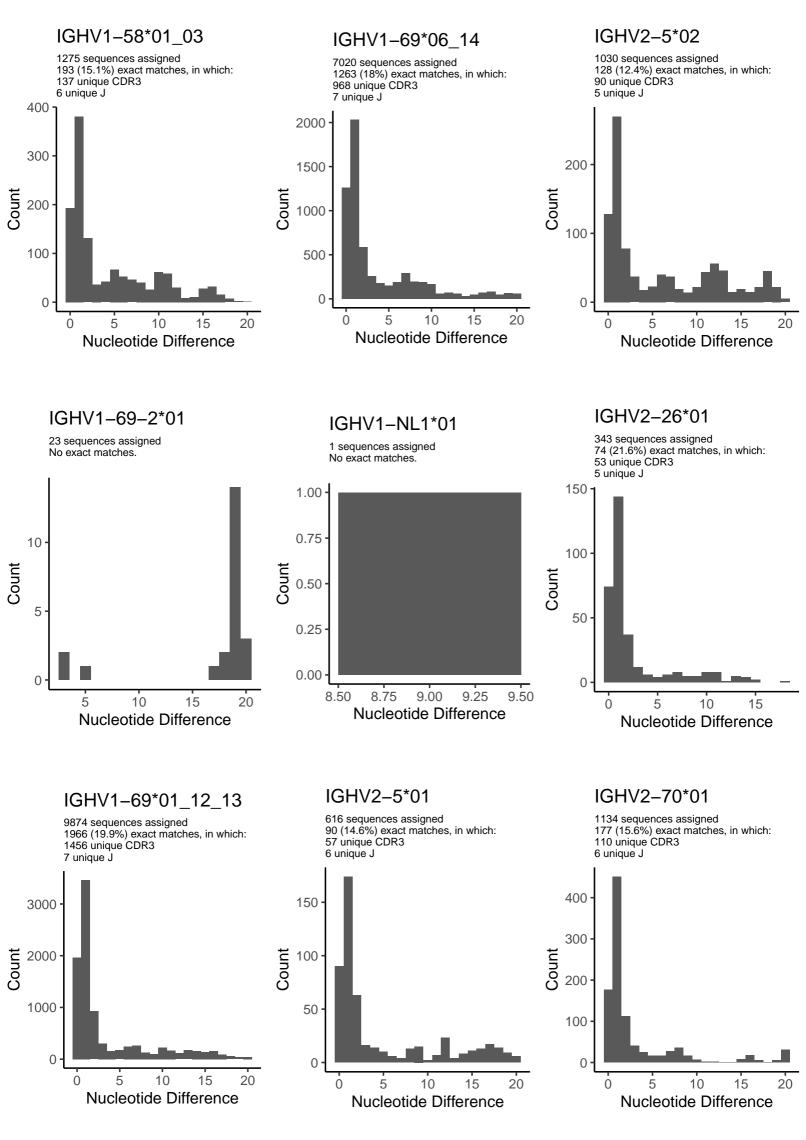
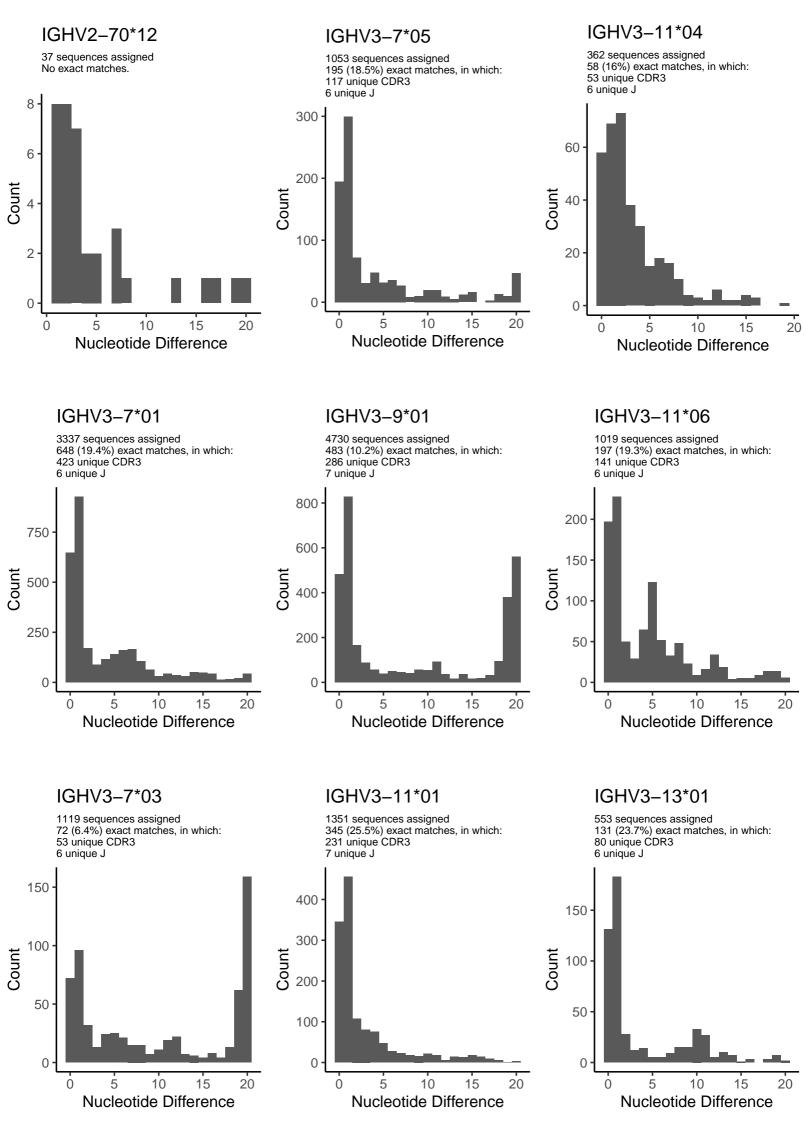


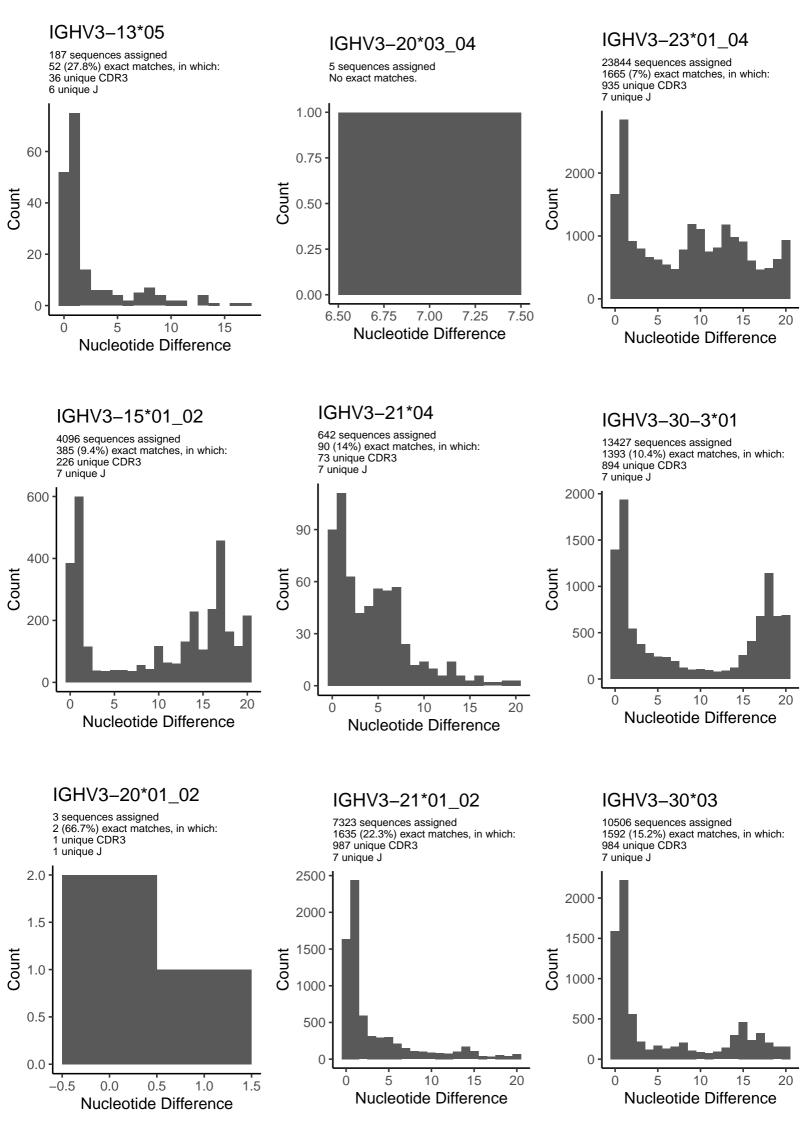
IGHV6-1*01_02_A315G- Final 3 nucleotides as a triplet

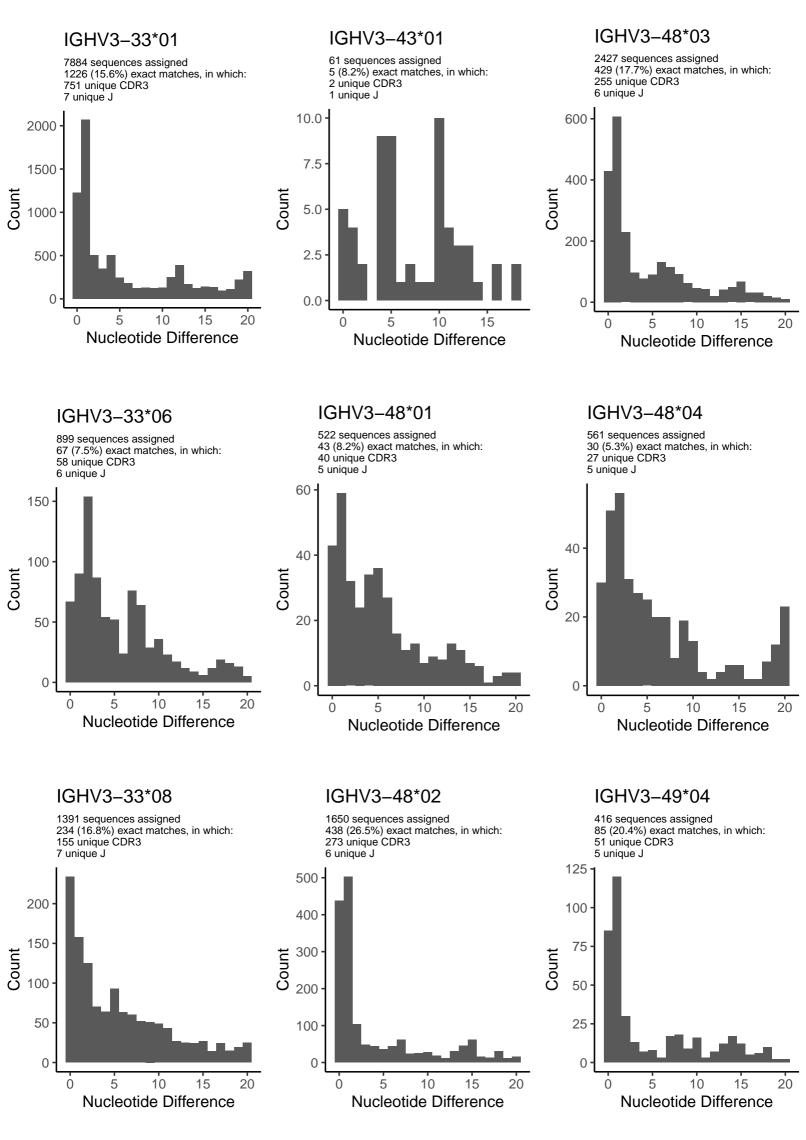


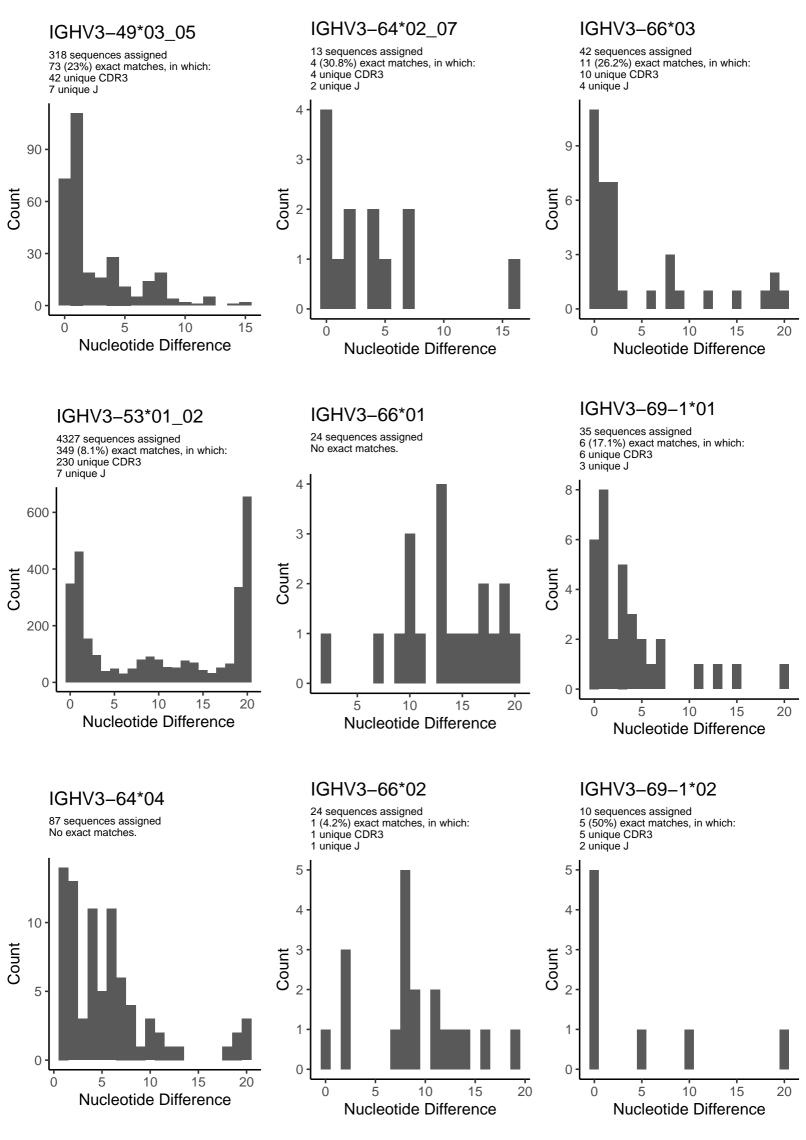


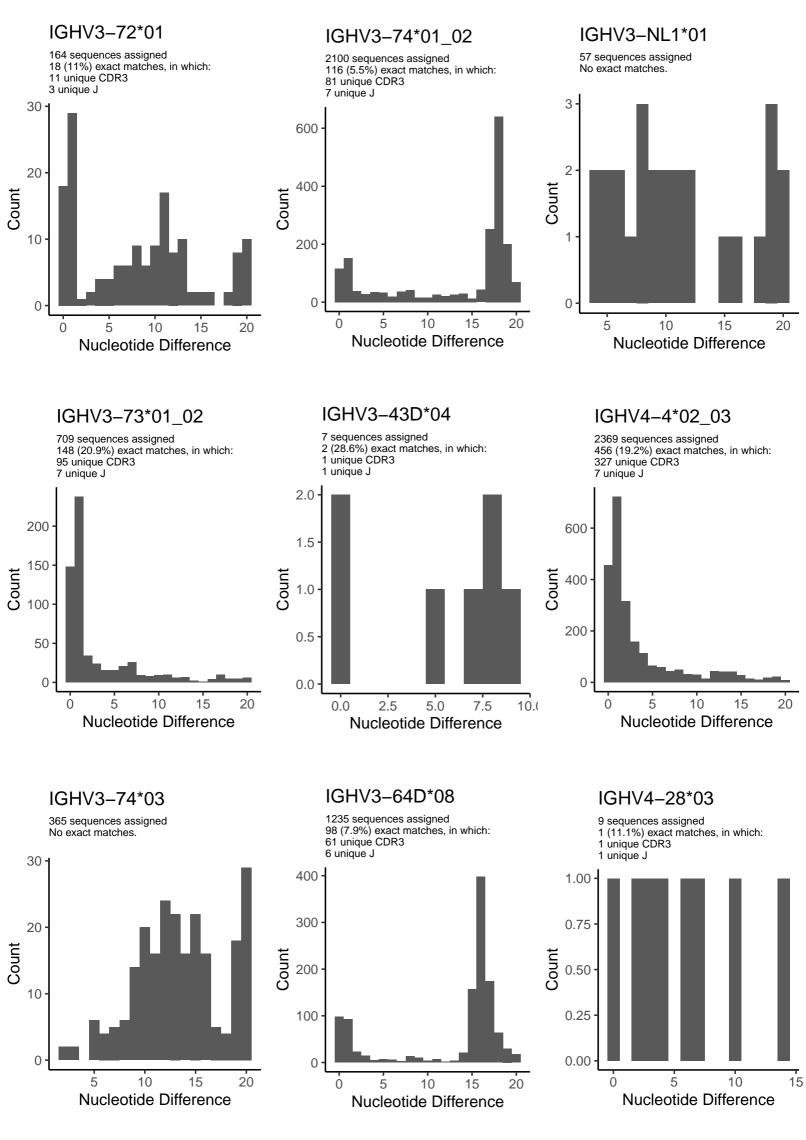


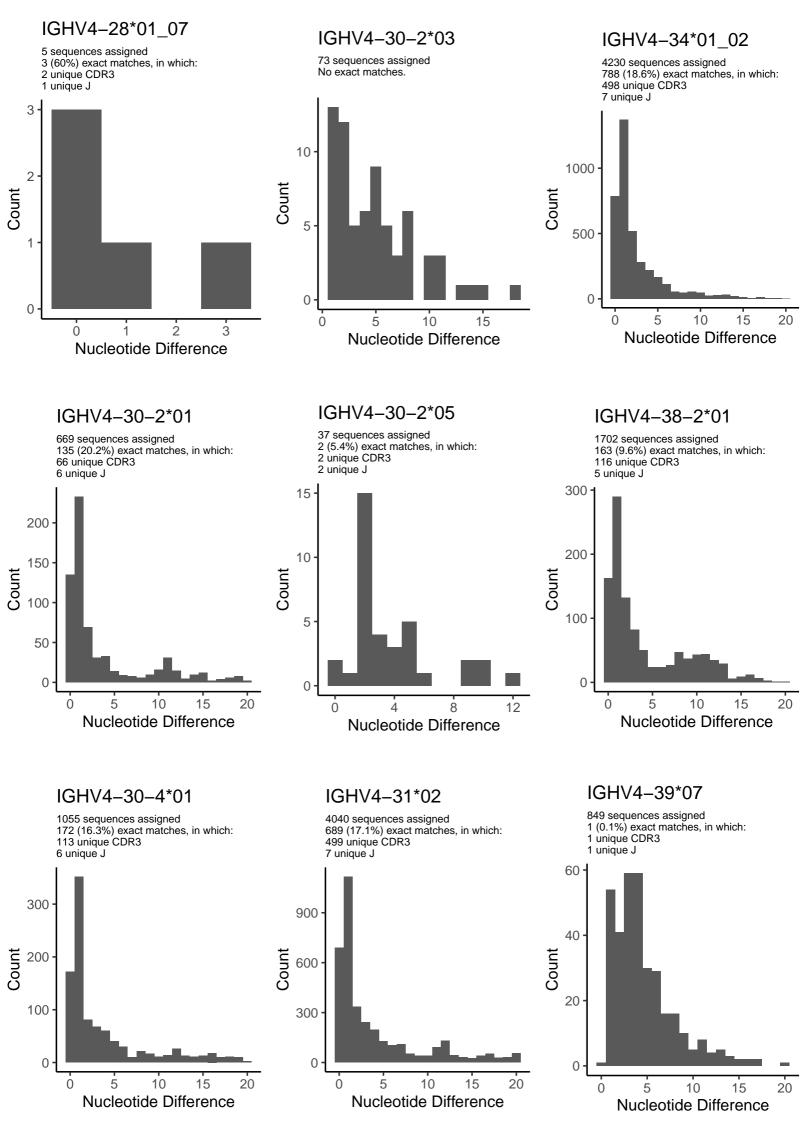


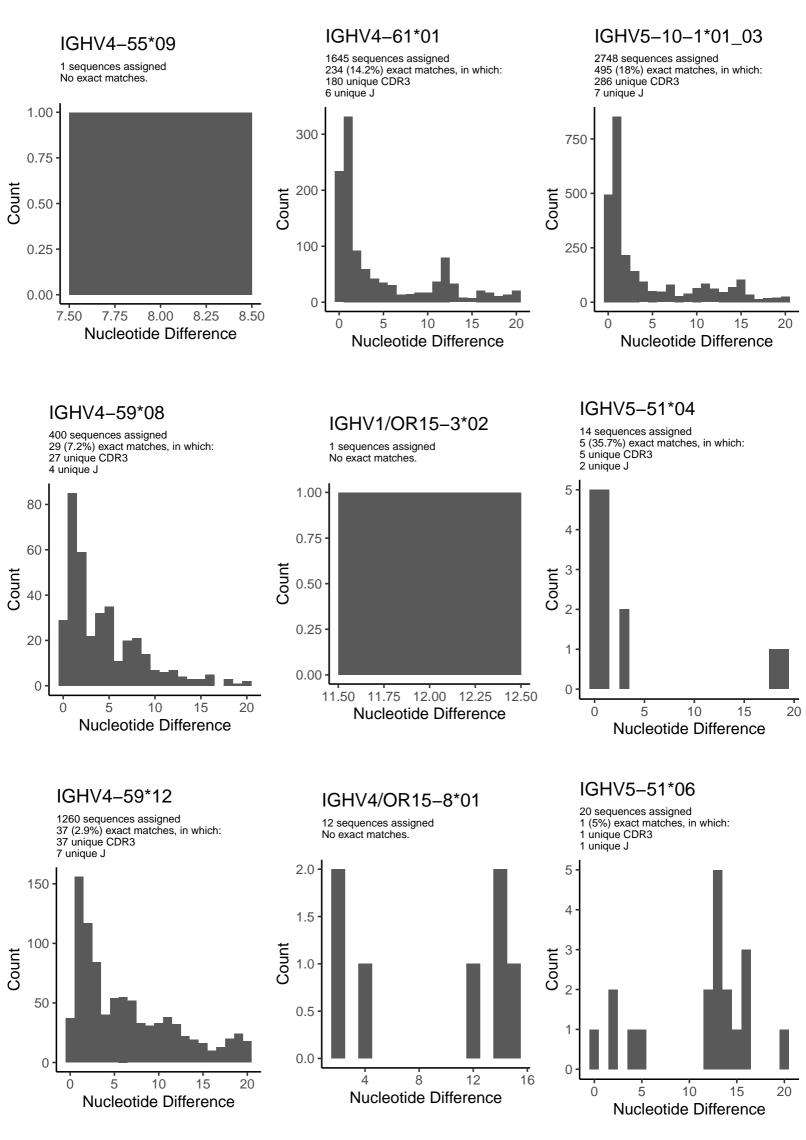




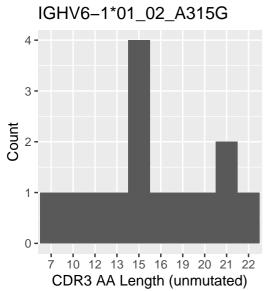


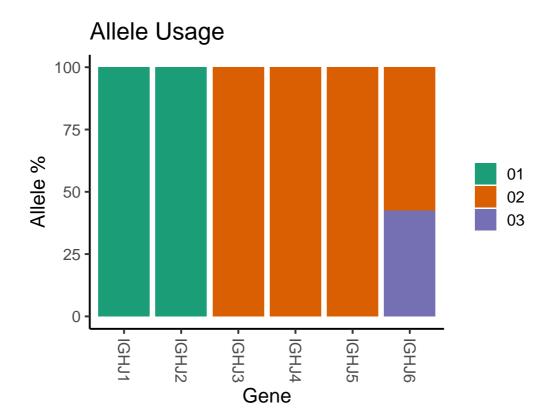




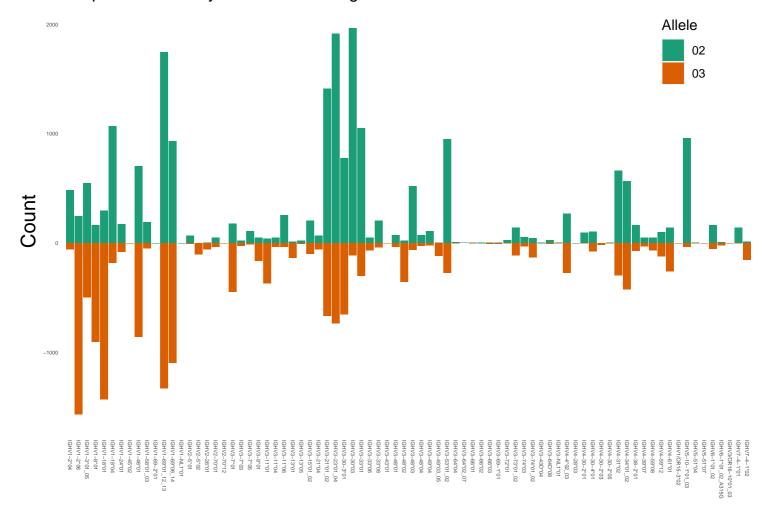


IGHV5-51*07 IGHV7-4-1*01 13 sequences assigned 558 sequences assigned 5 (38.5%) exact matches, in which: 5 unique CDR3 148 (26.5%) exact matches, in which: 109 unique CDR3 3 unique J 5 unique J 4 200 Count 2 100 0 0 0 10 15 **Nucleotide Difference Nucleotide Difference** IGHV6-1*01_02 IGHV7-4-1*02 915 sequences assigned 110 (12%) exact matches, in which: 1183 sequences assigned 231 (19.5%) exact matches, in which: 75 unique CDR3 145 unique CDR3 5 unique J 6 unique J 300 400 300 200 Count 200 100 100 0 0 5 10 15 20 10 15 20 0 0 **Nucleotide Difference Nucleotide Difference** IGHV6-1*01_02_A315G IGHV7-81*01 67 sequences assigned 1 sequences assigned 14 (20.9%) exact matches, in which: 14 unique CDR3 No exact matches. 4 unique J 1.00 15 0.75 Count Count 0.25 5 0.00 0 9.50 9.75 10.00 10.25 10.50 10 0 15 20 **Nucleotide Difference** Nucleotide Difference





Sequence Count by IGHJ6 allele usage



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