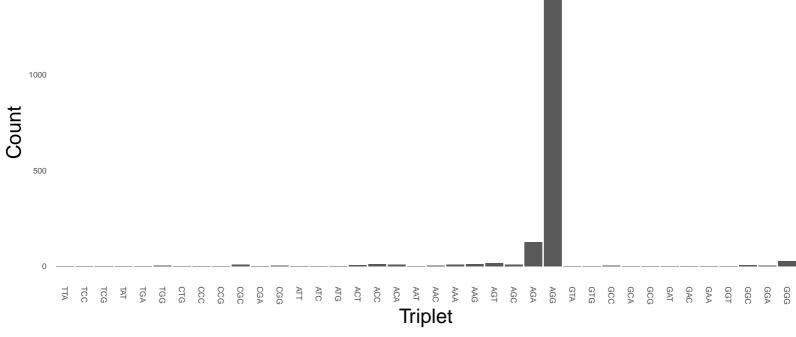
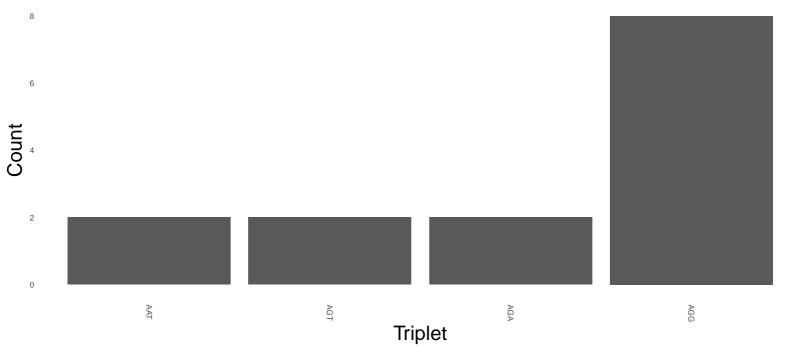
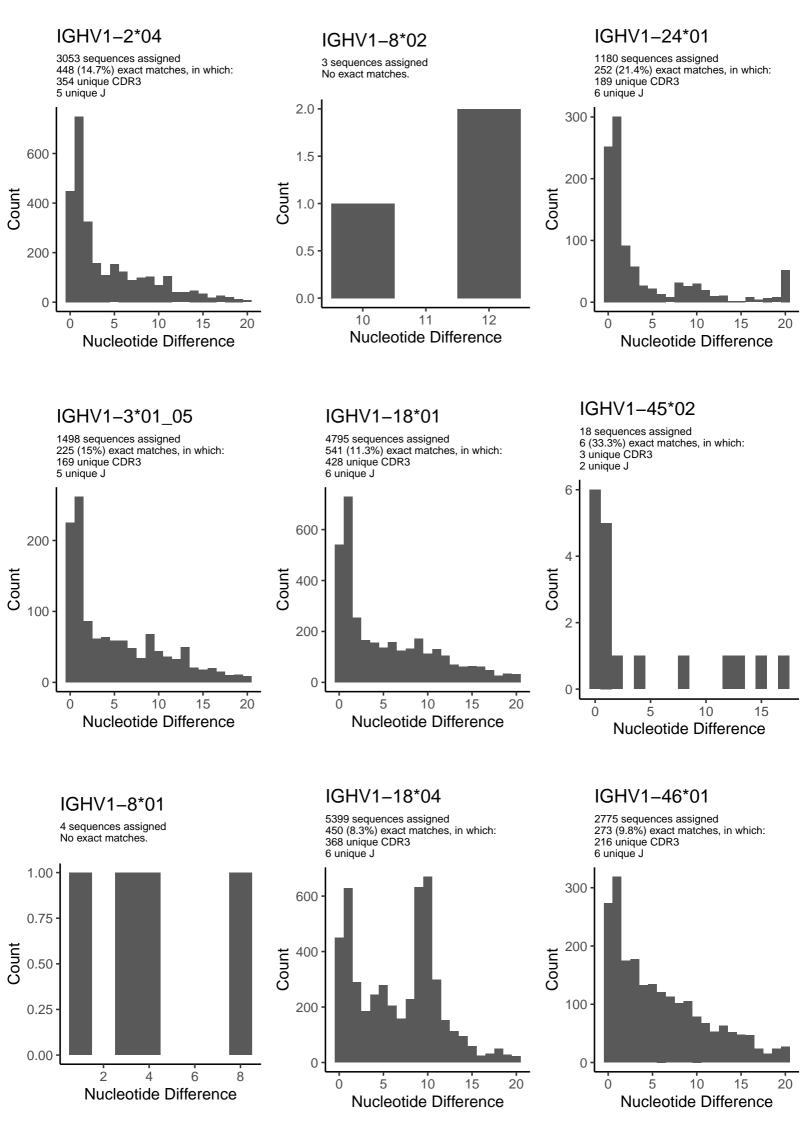


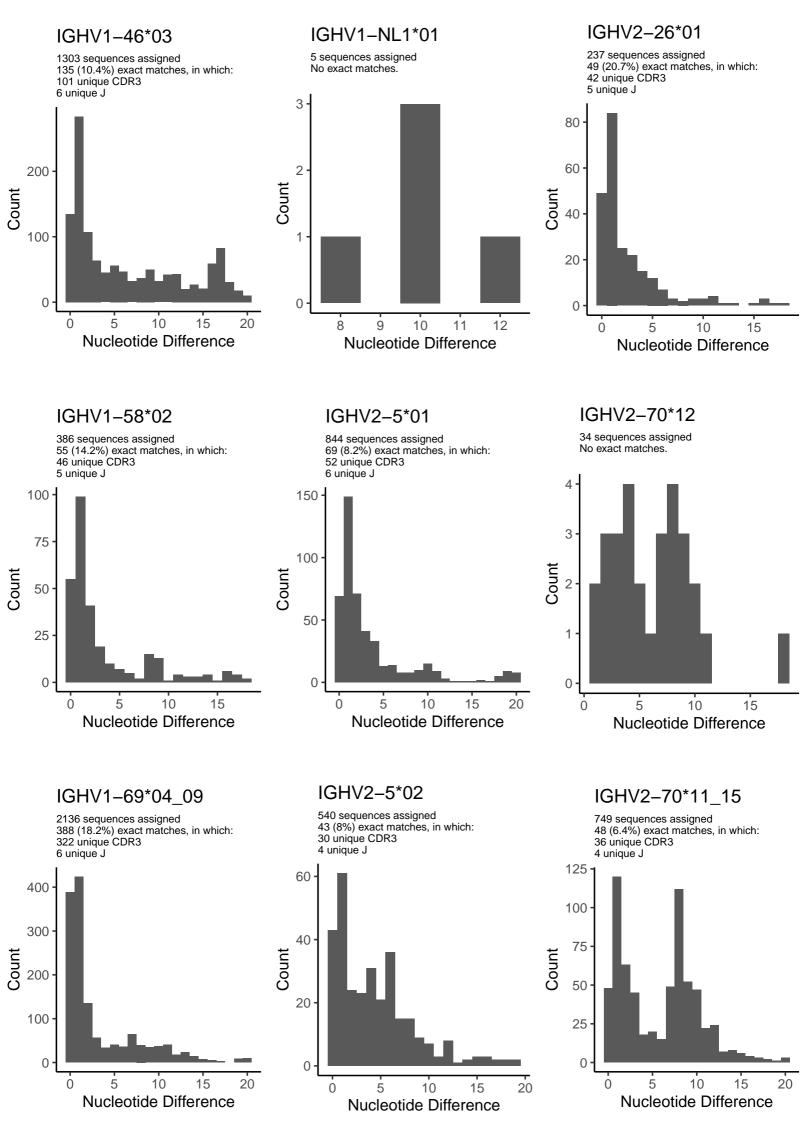
IGHV3-30*18_G261C_G303A- Final 3 nucleotides as a triplet

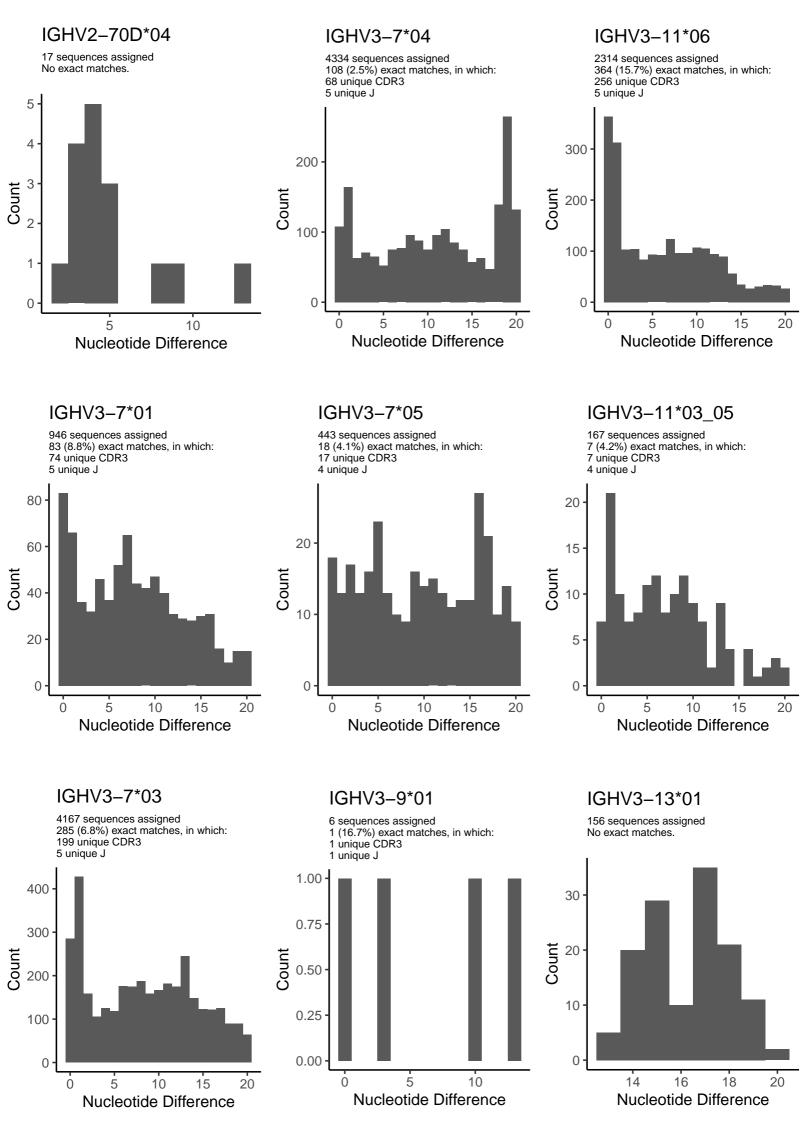


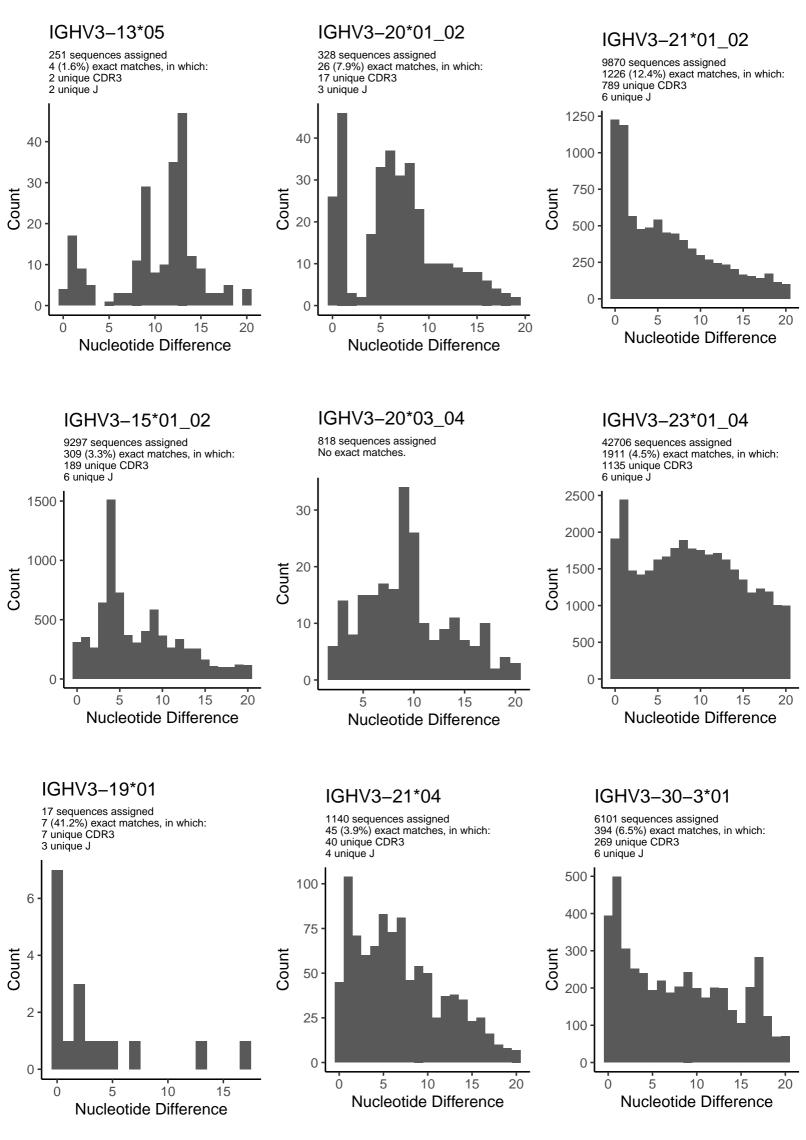
IGHV3-NL1*01_G261C_G303A- Final 3 nucleotides as a triplet

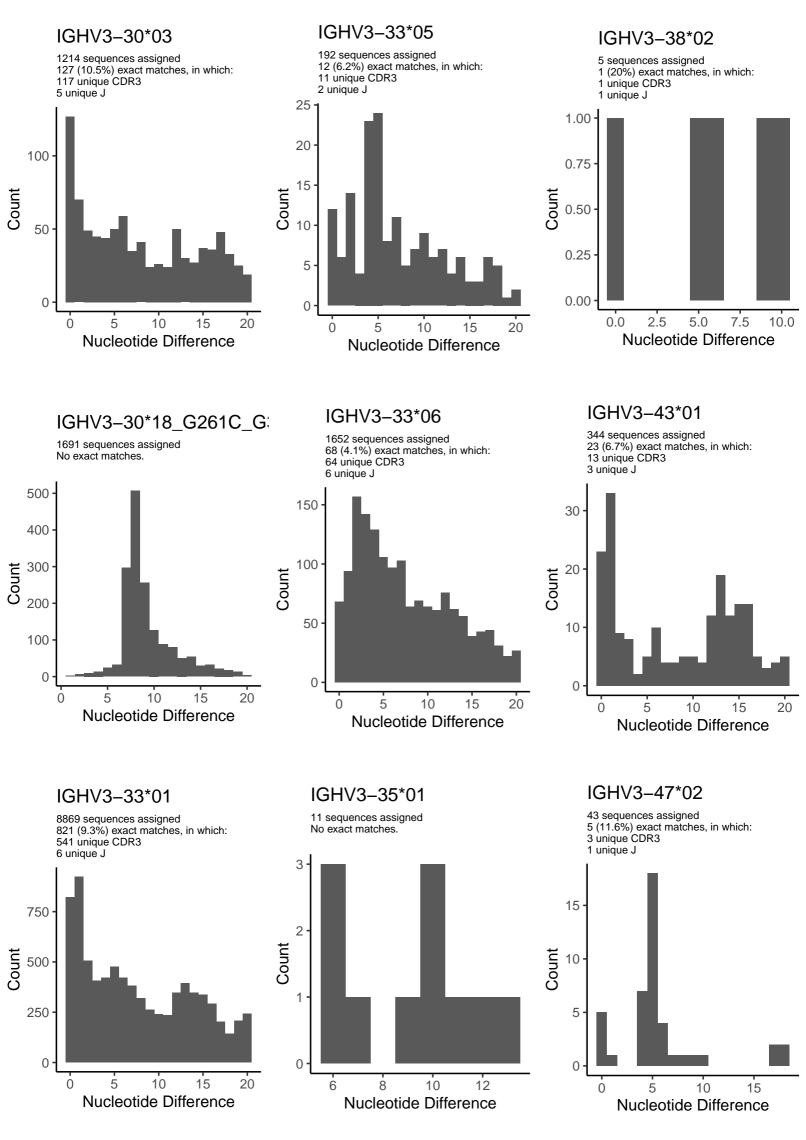


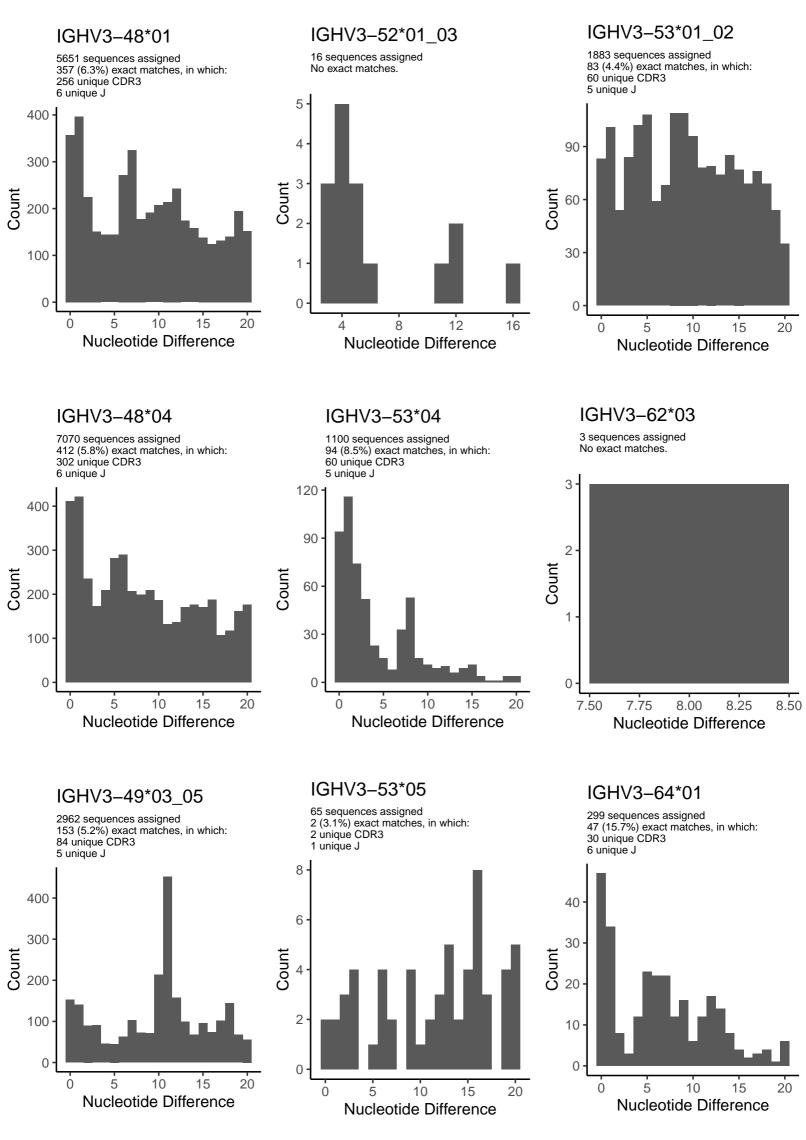


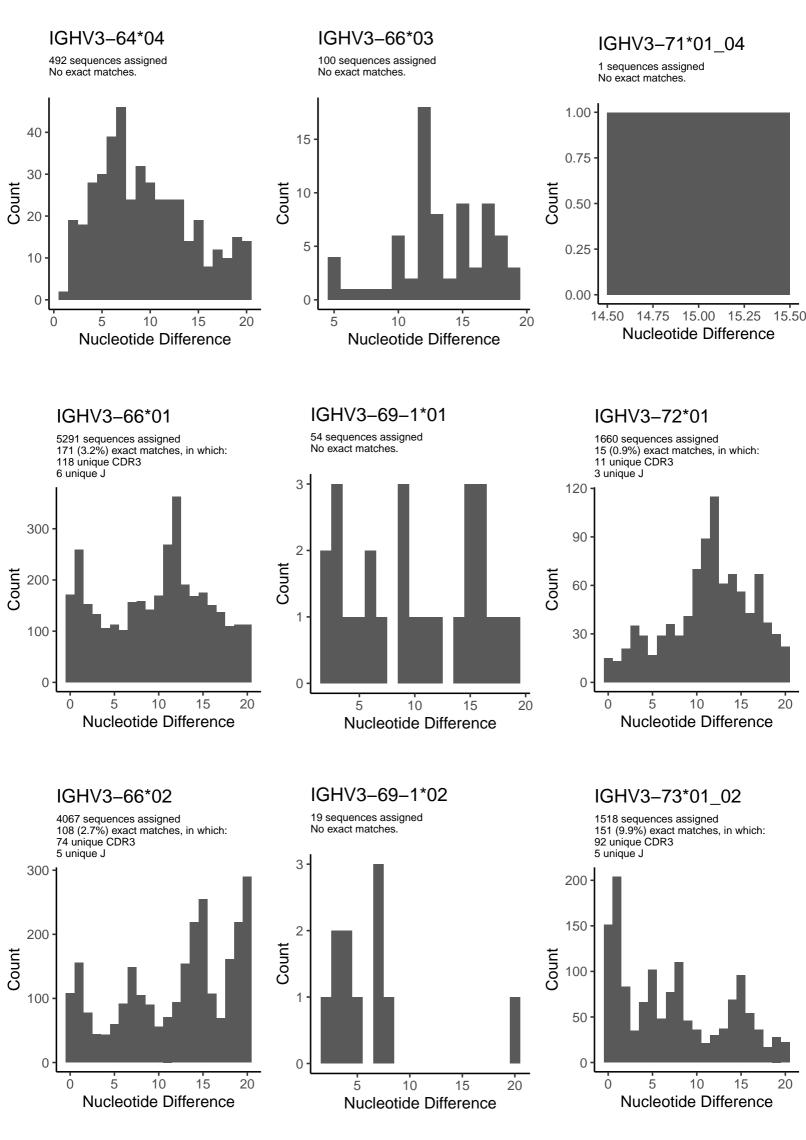


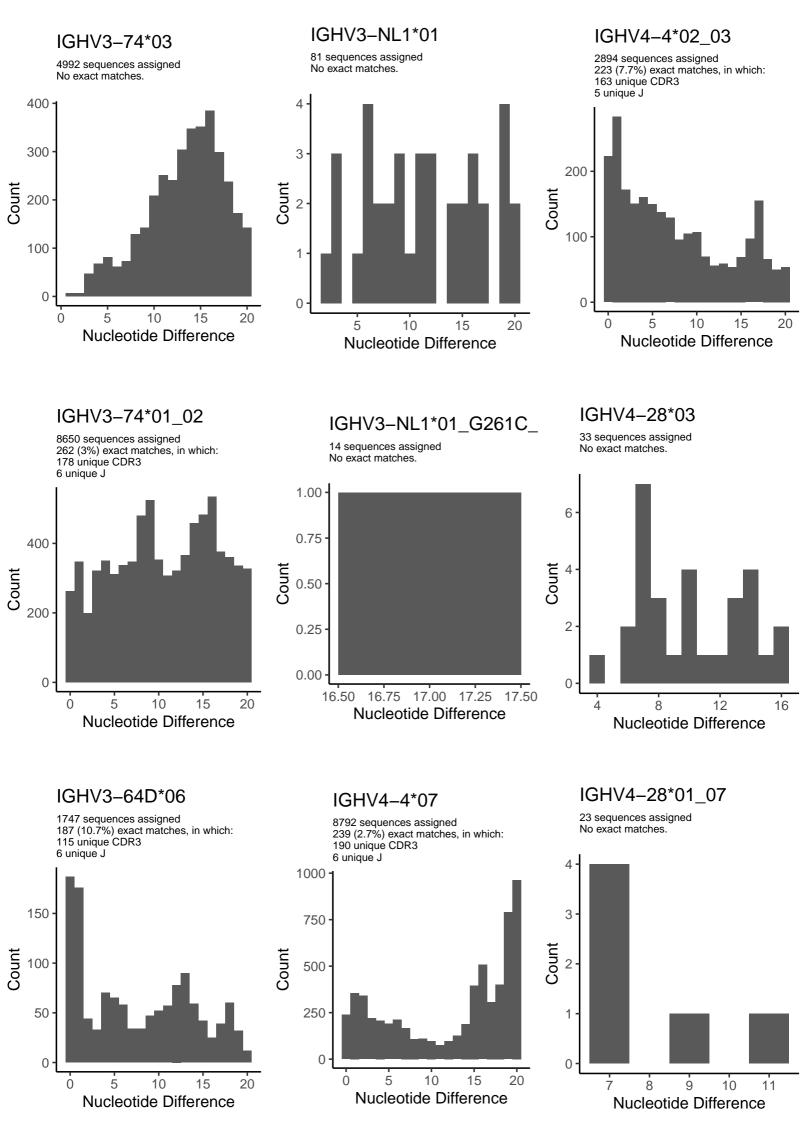


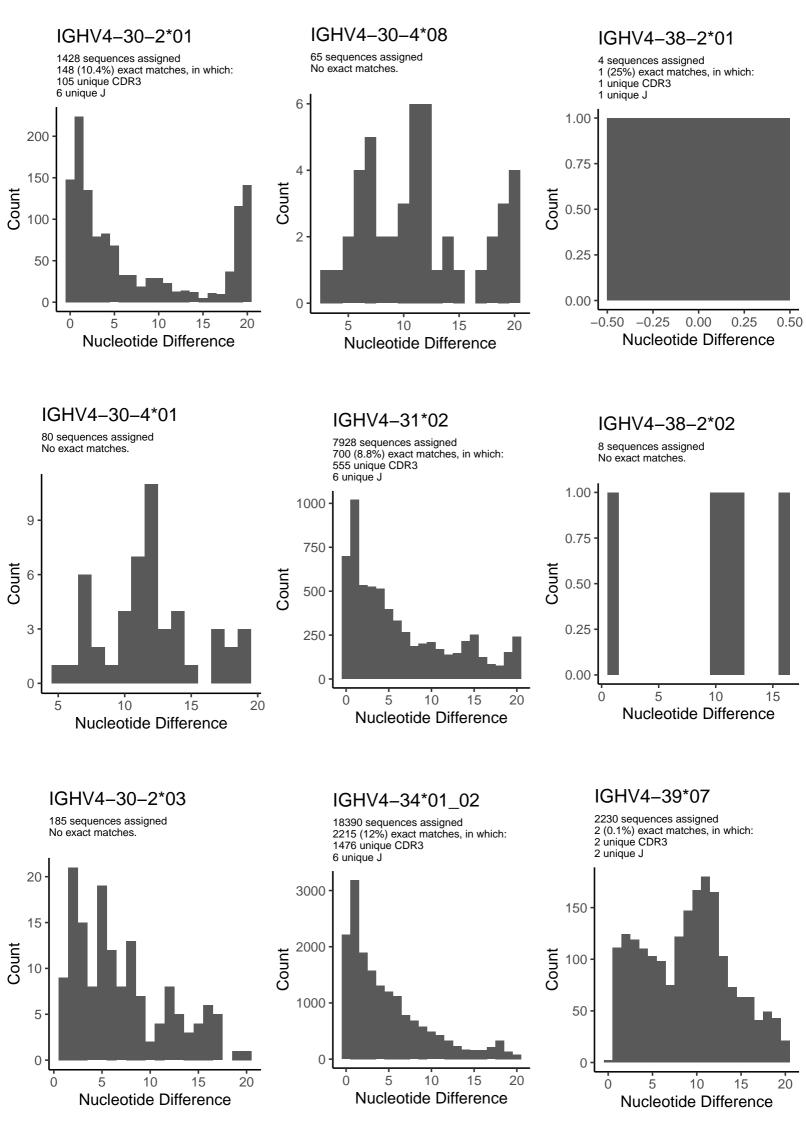


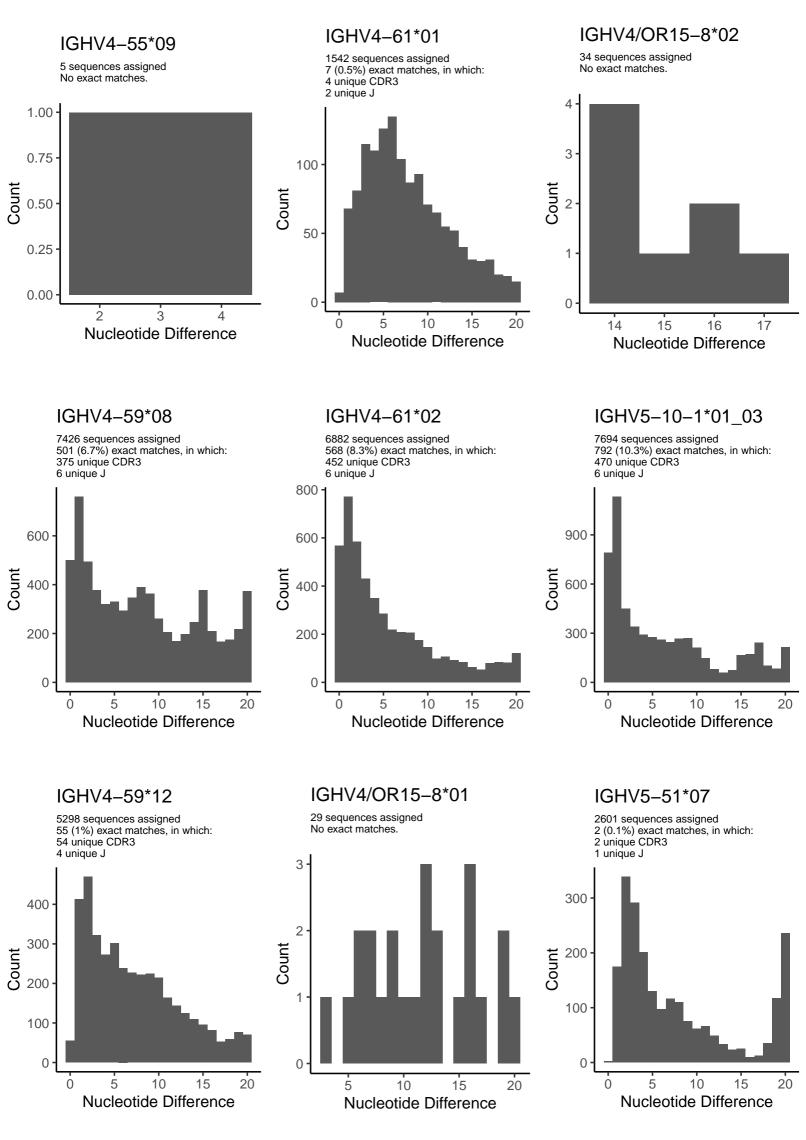












IGHV5-51*01_03 IGHV3/OR16-10*01_03 7716 sequences assigned 457 (5.9%) exact matches, in which: 258 unique CDR3 2 sequences assigned No exact matches. 6 unique J 1.00 -1000 0.75 750 Count 0.50 Count 500 0.25 250 0.00 0 10 15 20 0 10 **Nucleotide Difference Nucleotide Difference** IGHV6-1*01_02 IGHV3/OR16-13*01 10020 sequences assigned 141 (1.4%) exact matches, in which: 112 unique CDR3 3 sequences assigned No exact matches. 5 unique J 1.00 -1200 0.75 800 Count Count Count 400 0.25 0.00 15 16 10 20 **Nucleotide Difference Nucleotide Difference** IGHV3/OR16-9*01 IGHV7-4-1*02 2 sequences assigned 1 sequences assigned No exact matches. No exact matches. 1.00 -1.00 0.75 0.75 Count Count Count 0.25 0.25 0.00 0.00 6.50 6.75 7.00 7.25 7.50 9.5 10.0 10.5 11.0 11.5

Nucleotide Difference

Nucleotide Difference



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