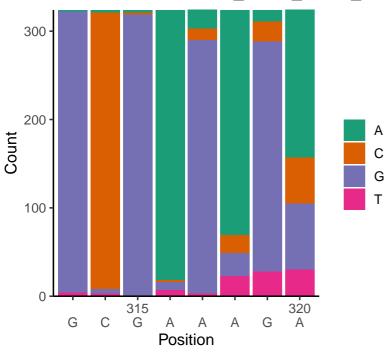
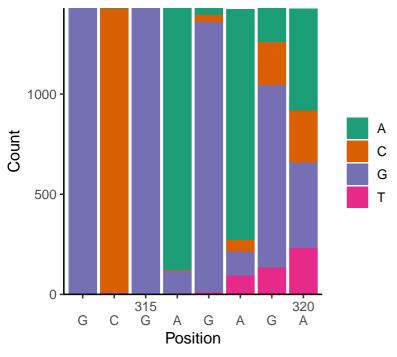
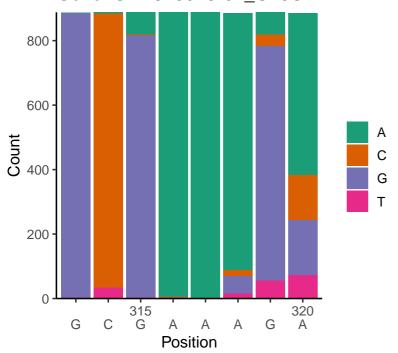
# Gene IGHV3-NL1\*01\_G49A\_G75C\_T201C\_C223A\_G267T\_T288C

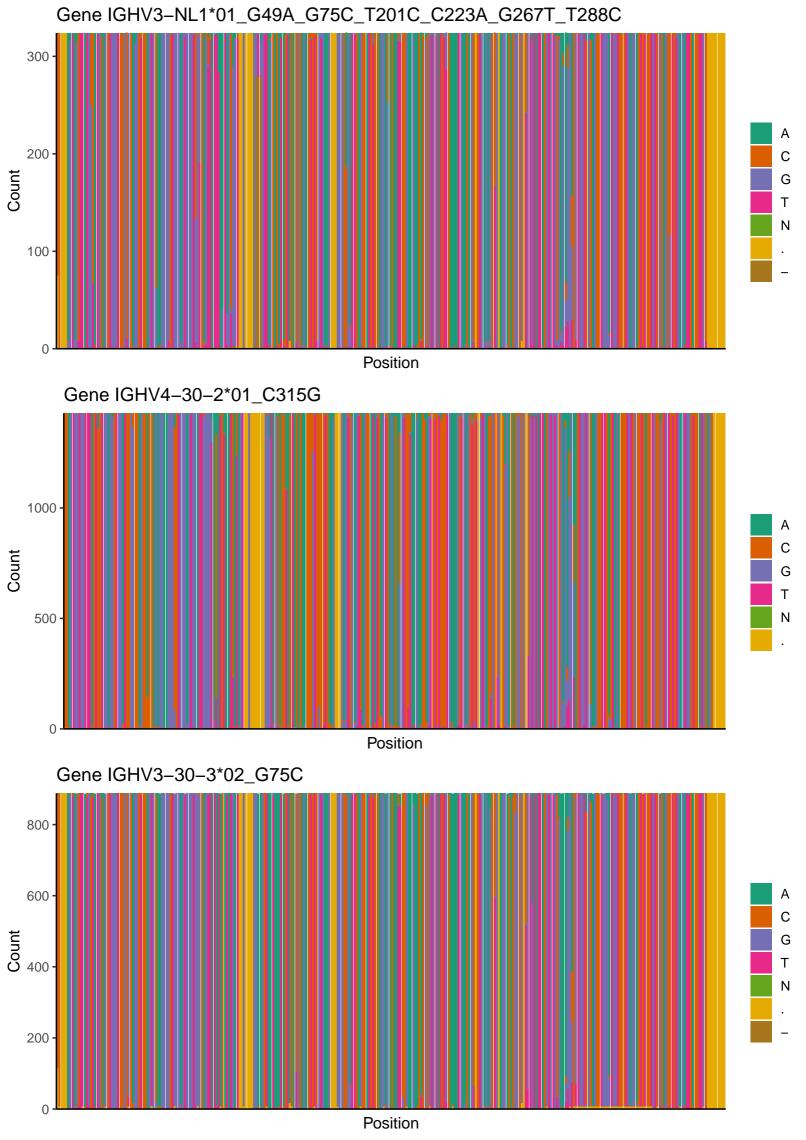


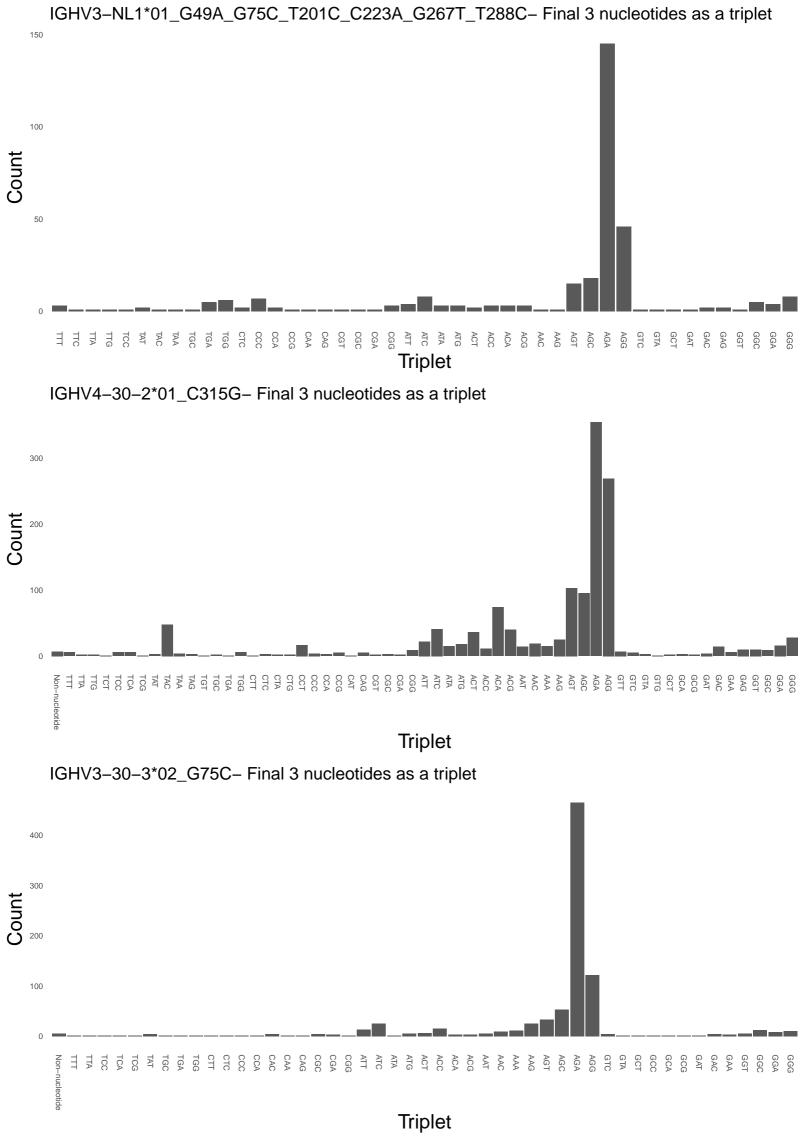
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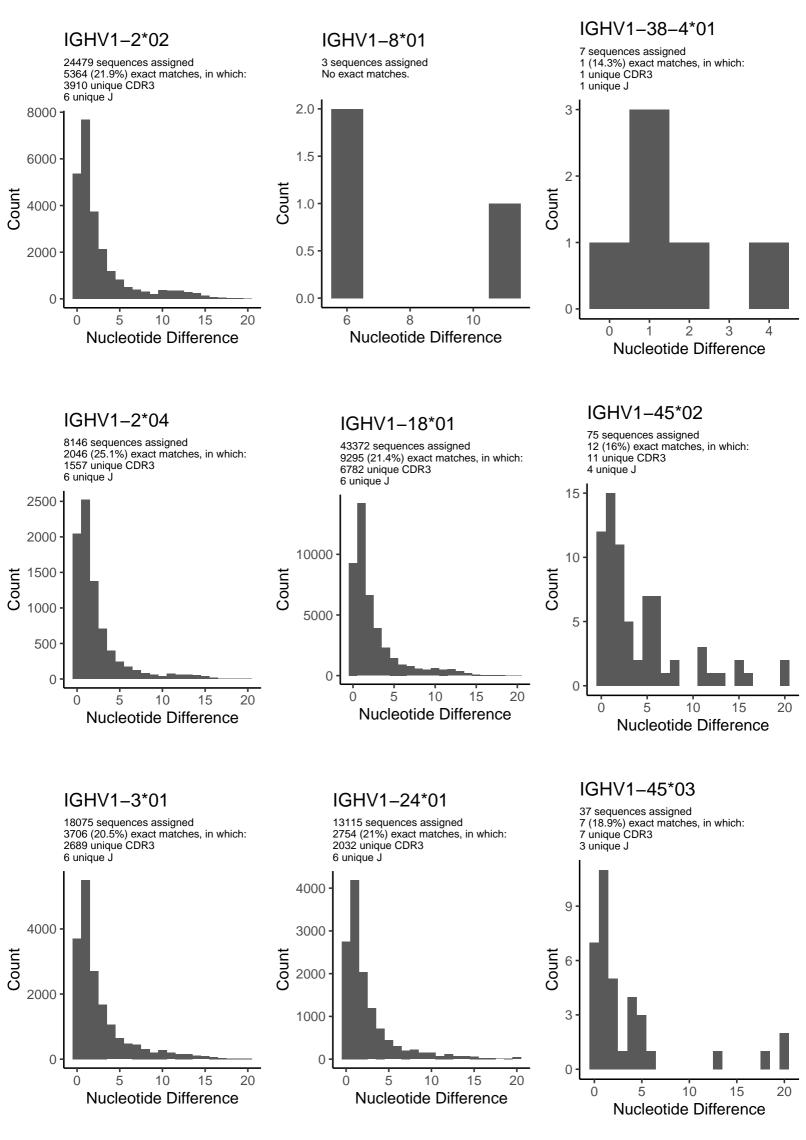


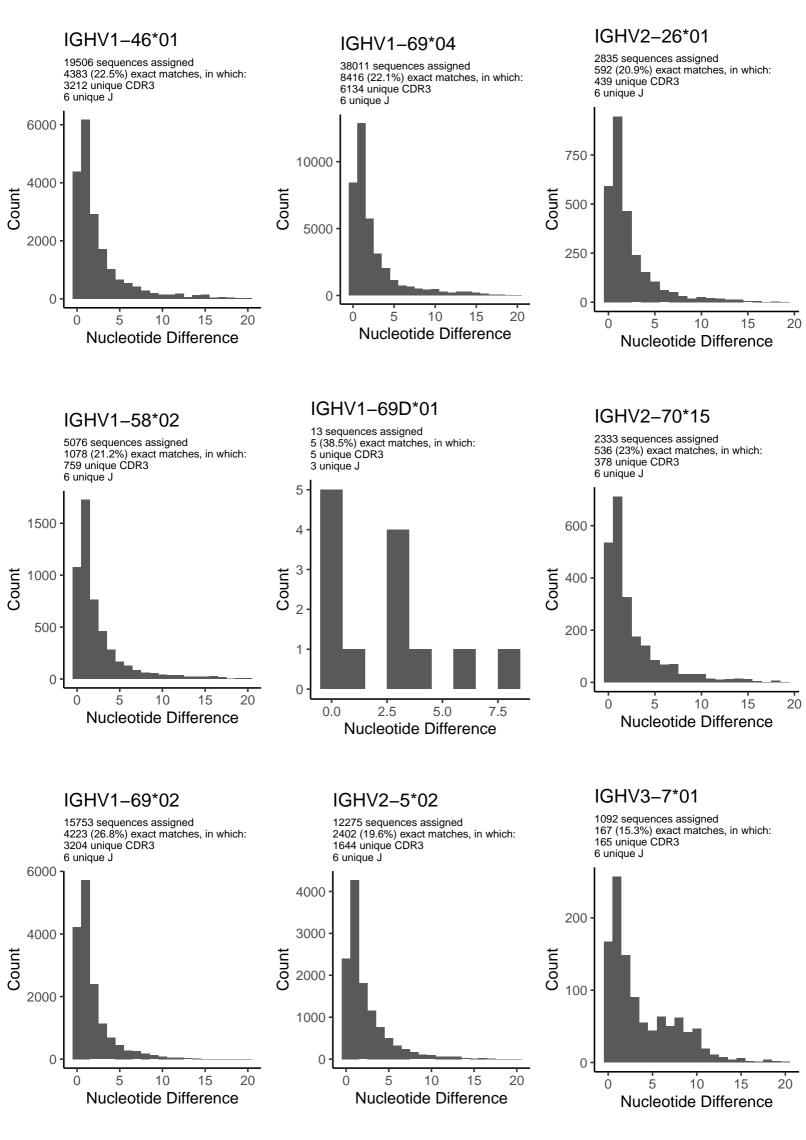
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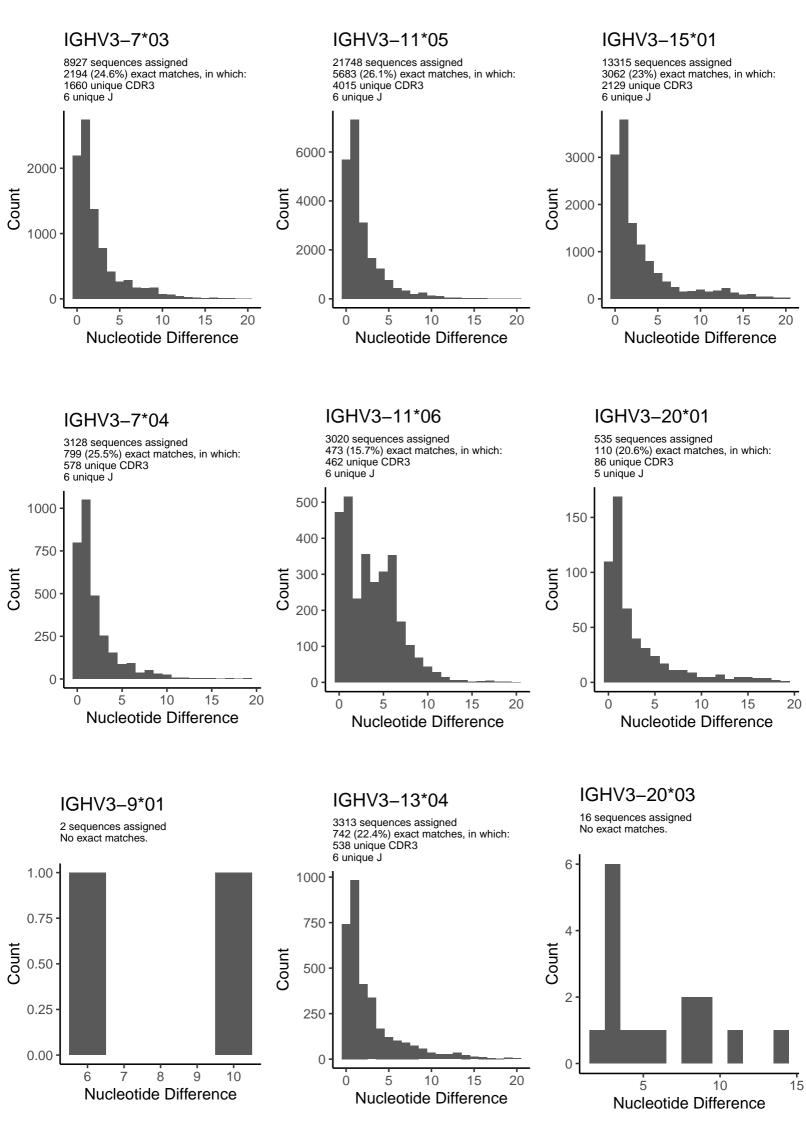


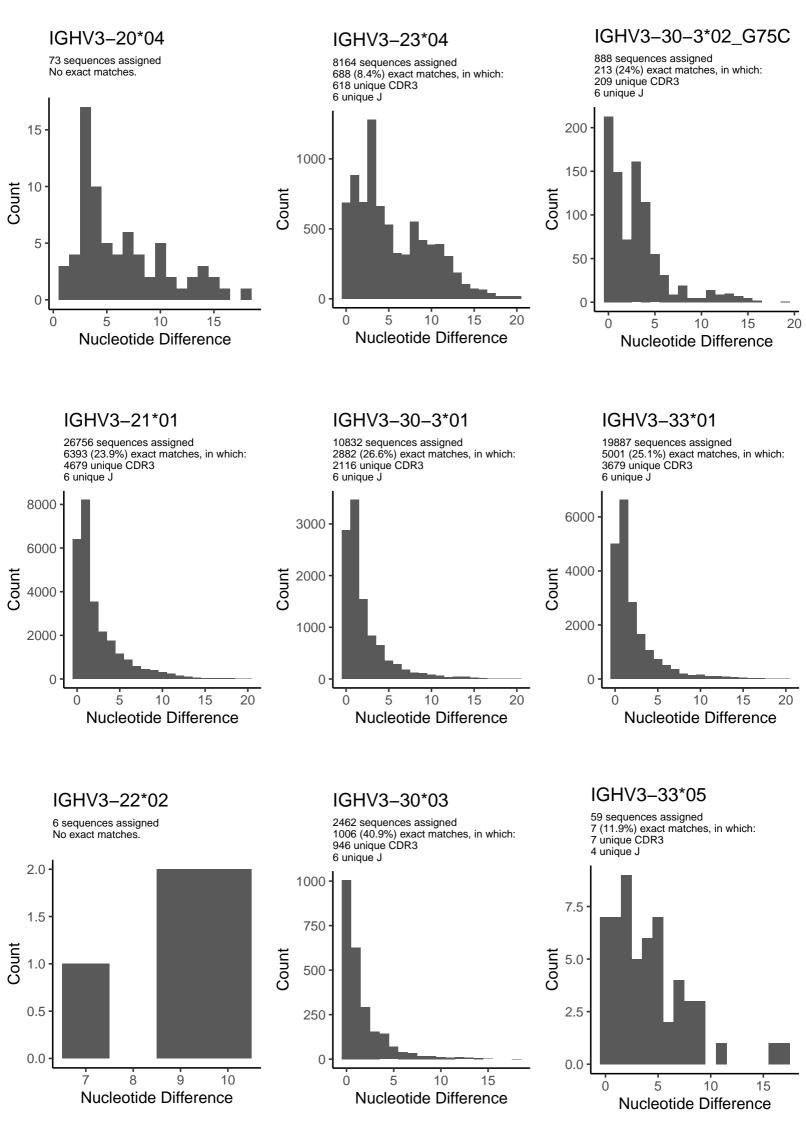


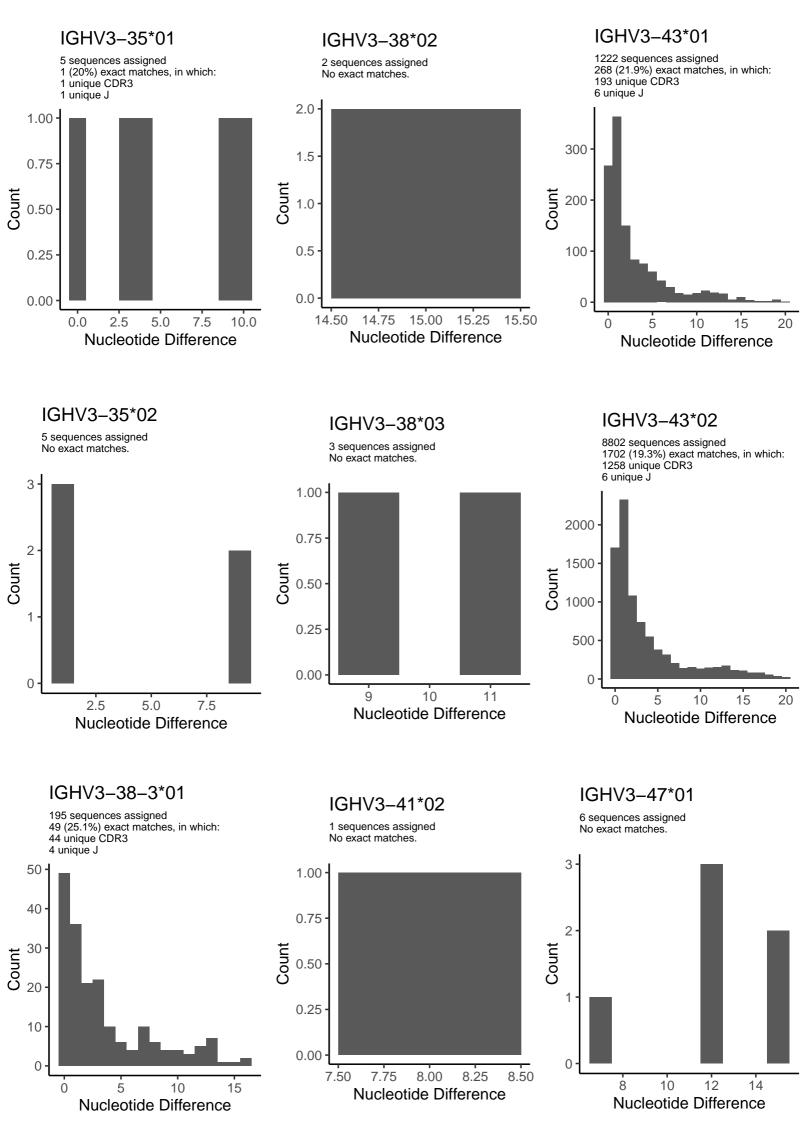


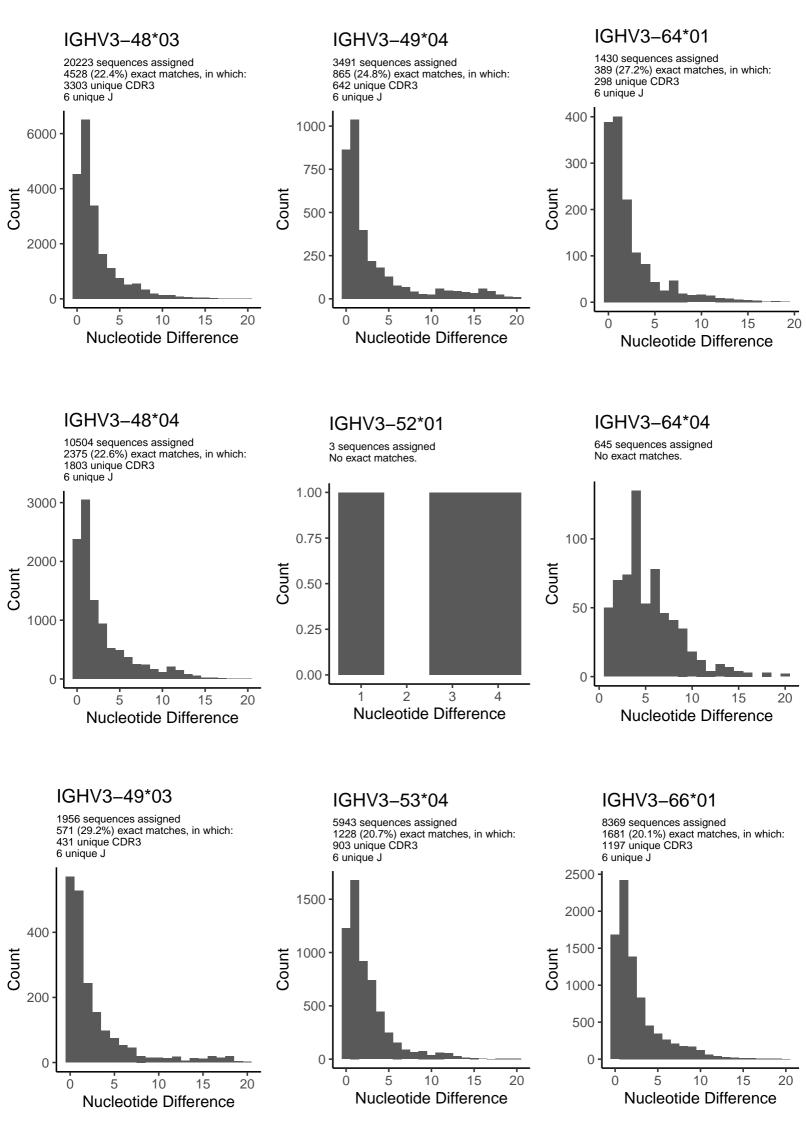


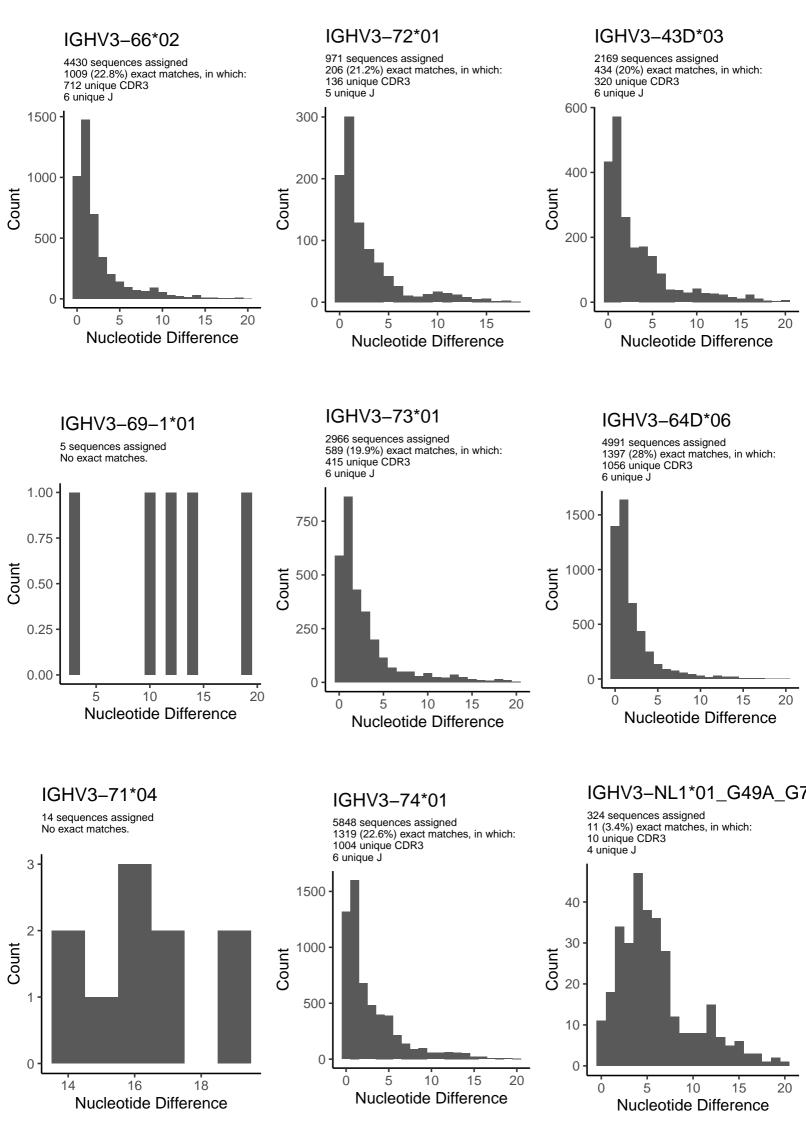


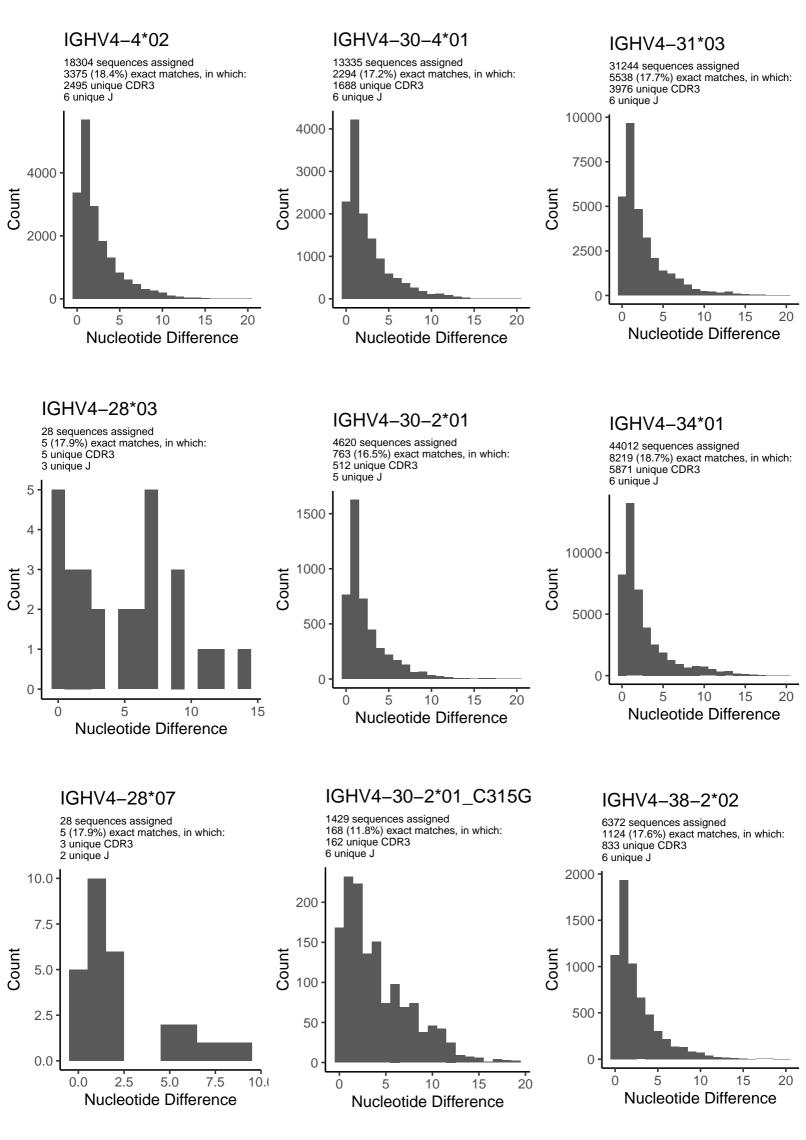


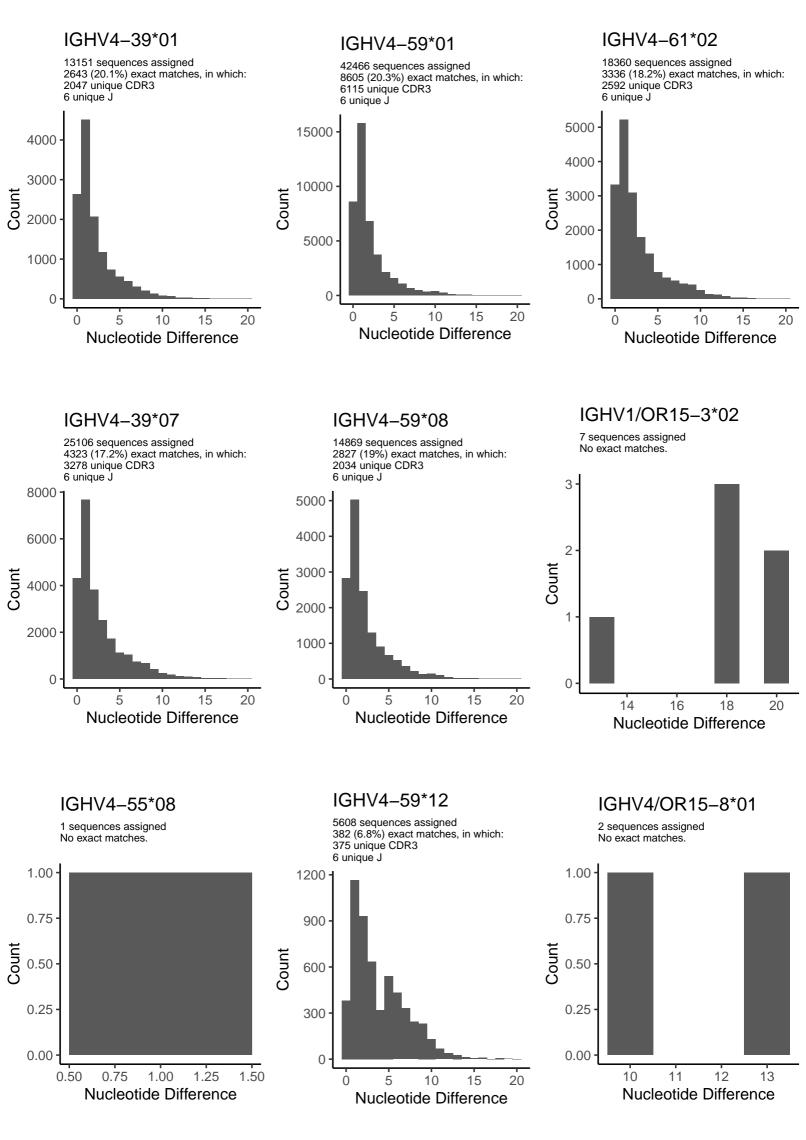




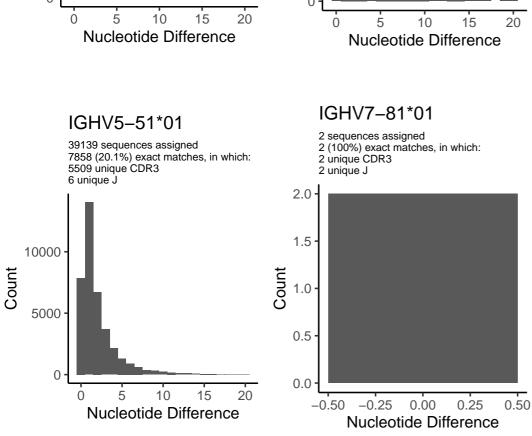


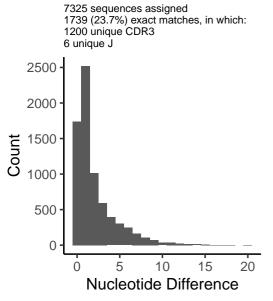






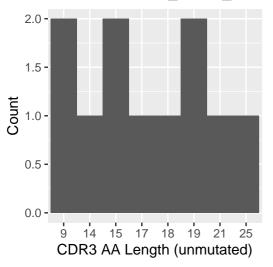
#### IGHV7-4-1\*01 IGHV5-10-1\*01 458 sequences assigned 23426 sequences assigned 5188 (22.1%) exact matches, in which: 121 (26.4%) exact matches, in which: 100 unique CDR3 3834 unique CDR3 6 unique J 6 unique J 8000 100 6000 Count Count Count 50 2000 0 0 0 10 15 20 0 5 10 15 **Nucleotide Difference Nucleotide Difference**

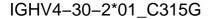


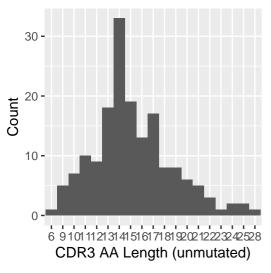


IGHV6-1\*01

#### IGHV3-NL1\*01\_G49A\_G75C\_T201C\_C223A\_G267T\_T288C







IGHV3-30-3\*02\_G75C

