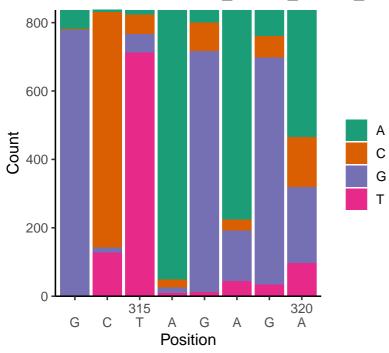
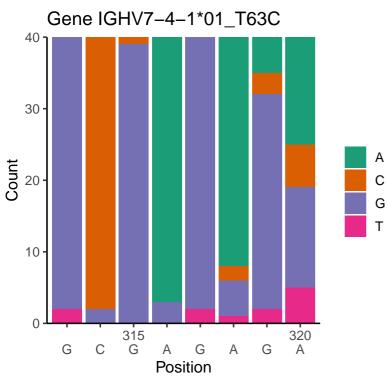
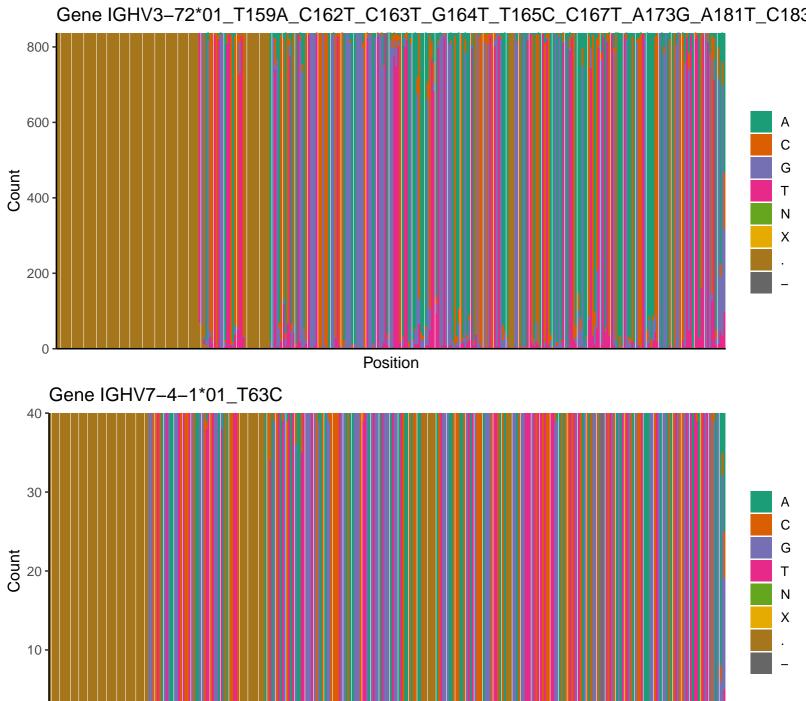
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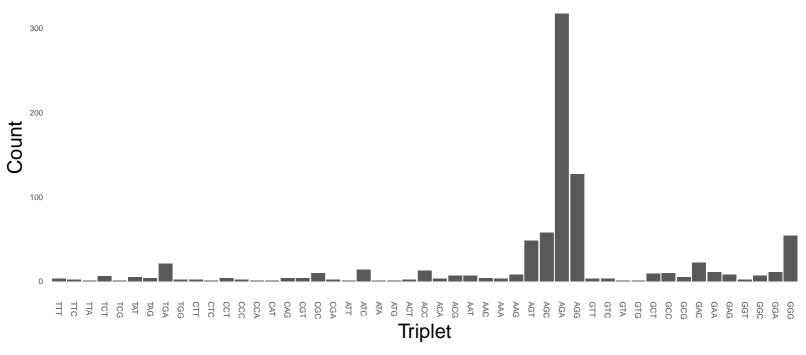




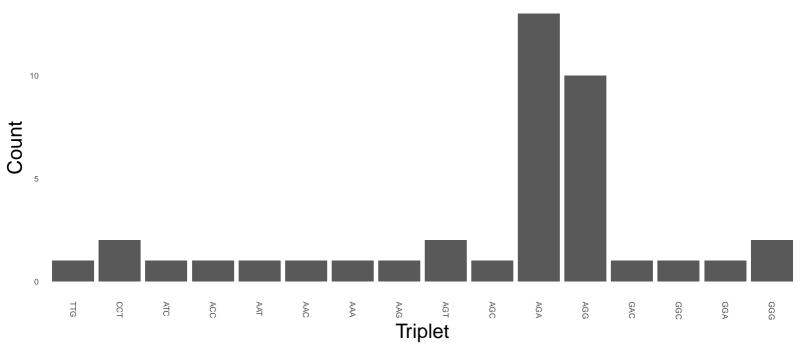


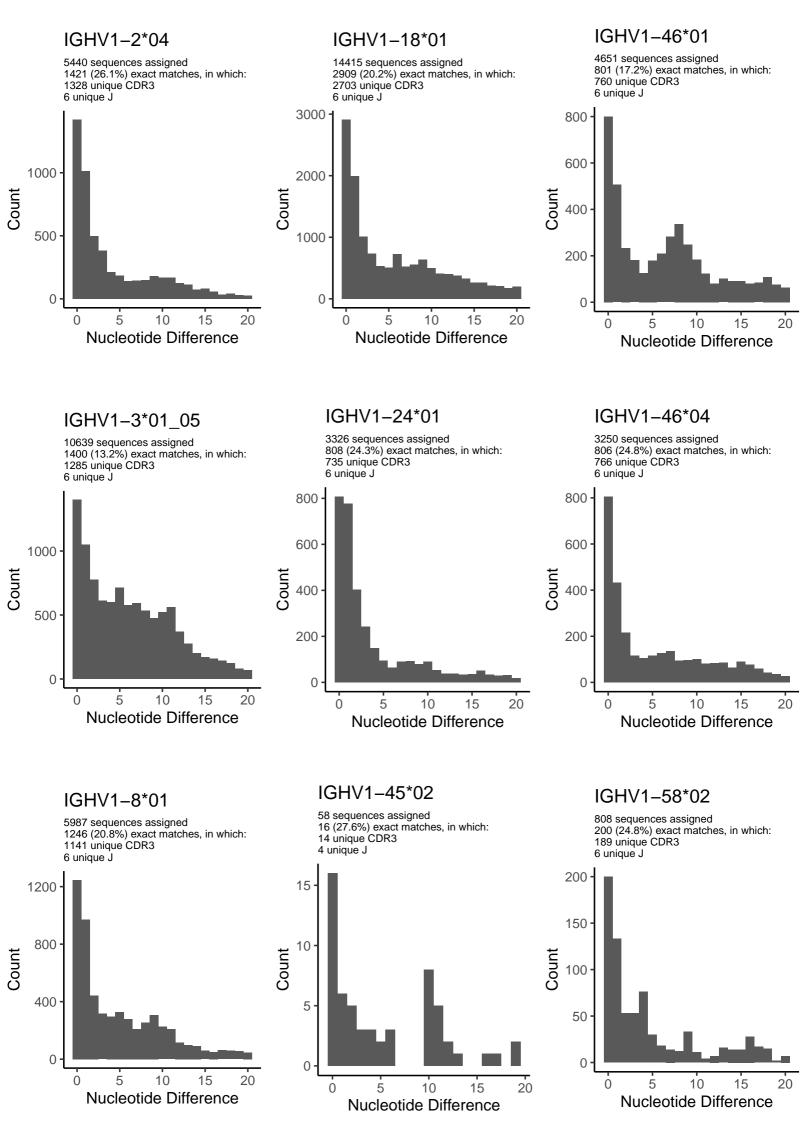
Position

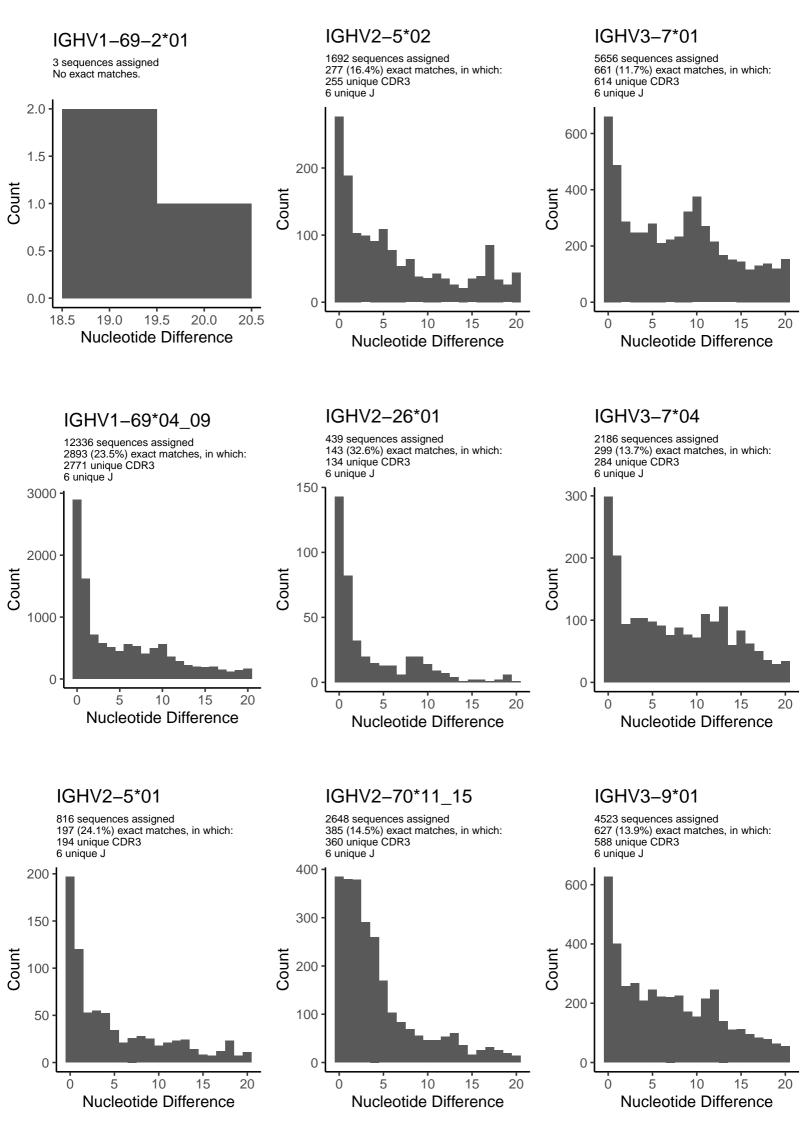
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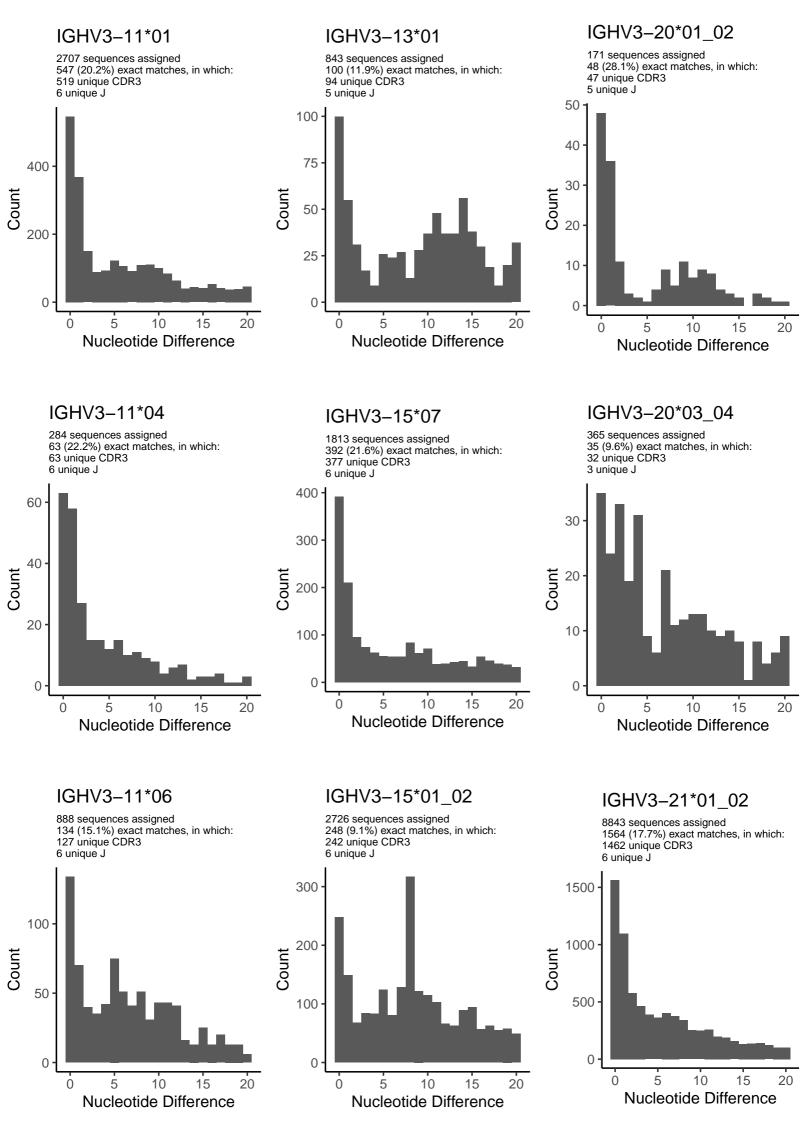


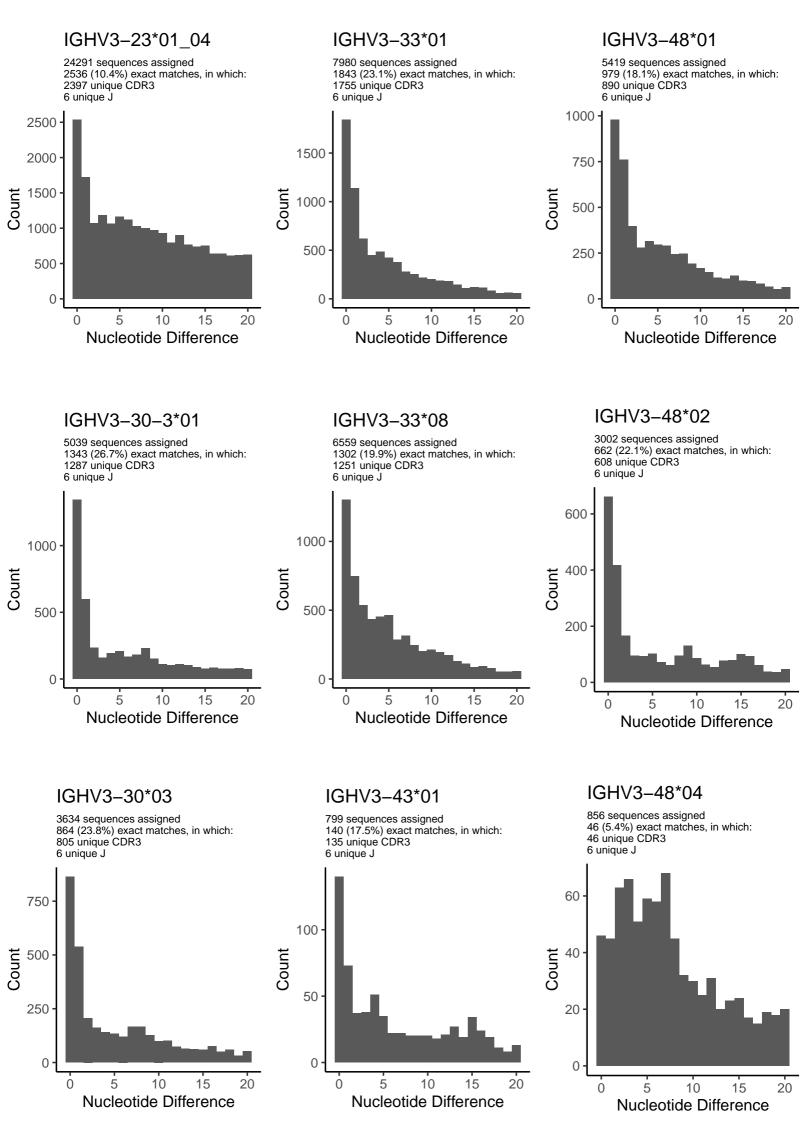
IGHV7-4-1\*01\_T63C- Final 3 nucleotides as a triplet

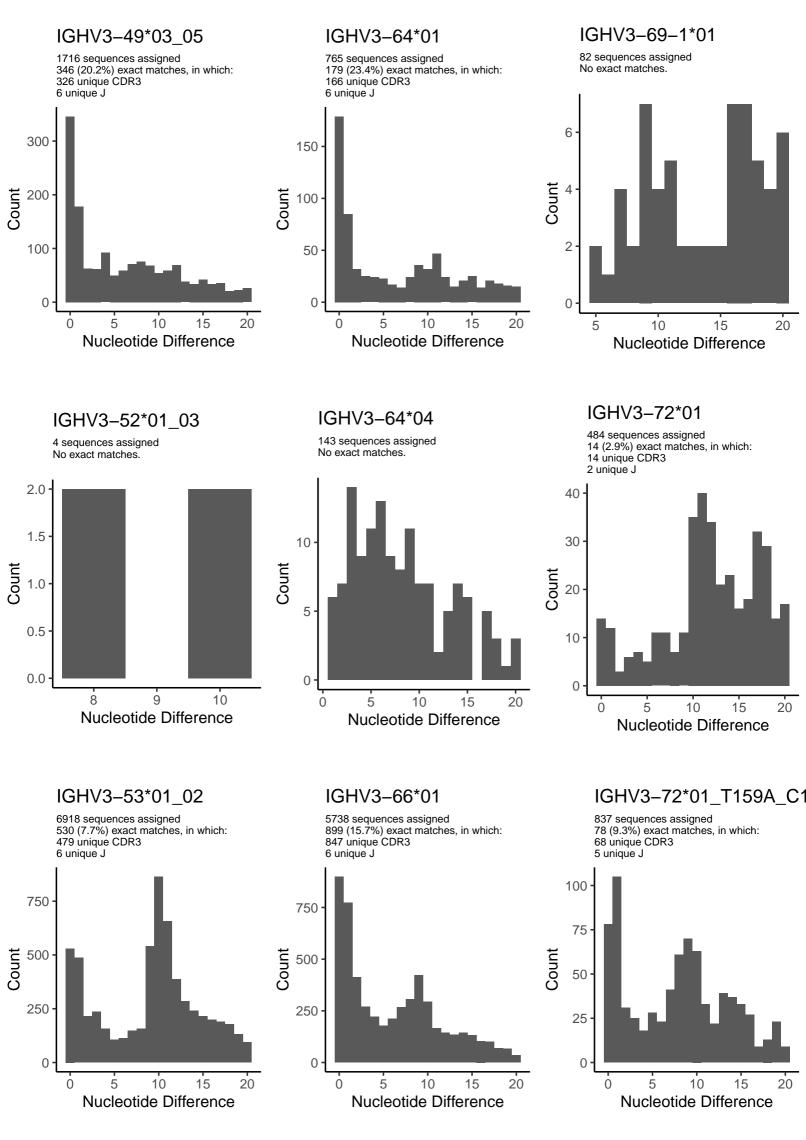


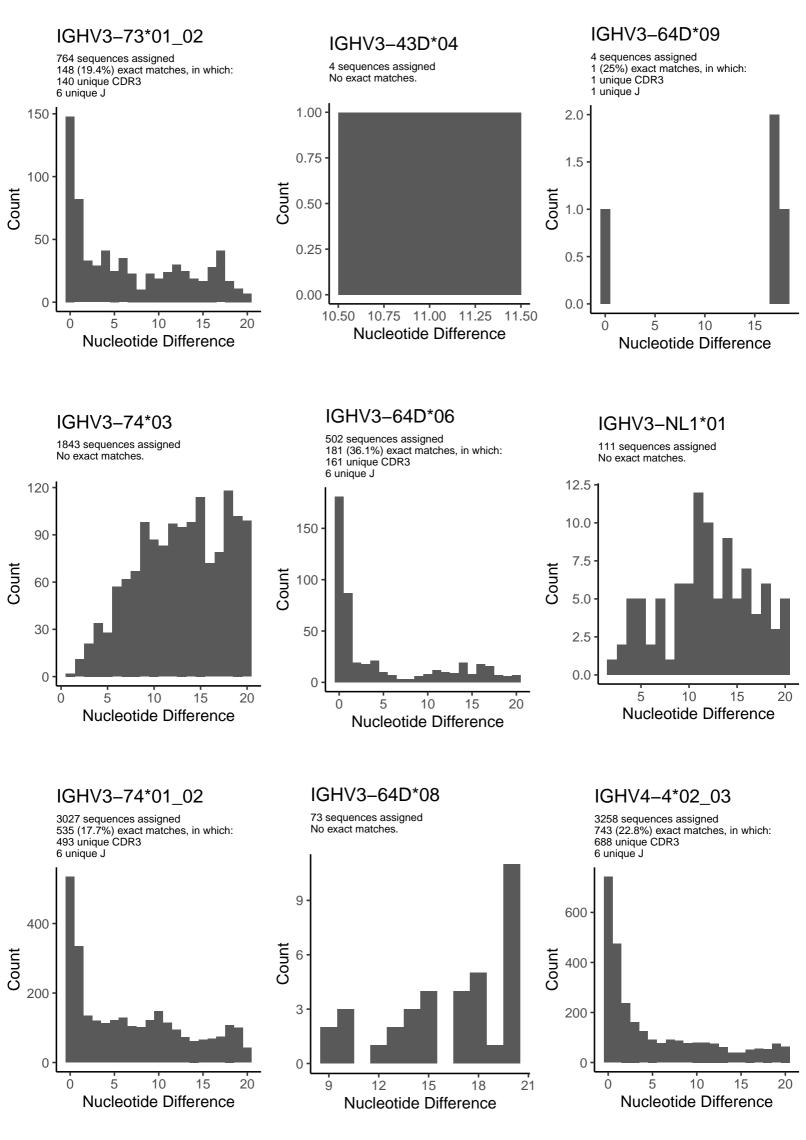


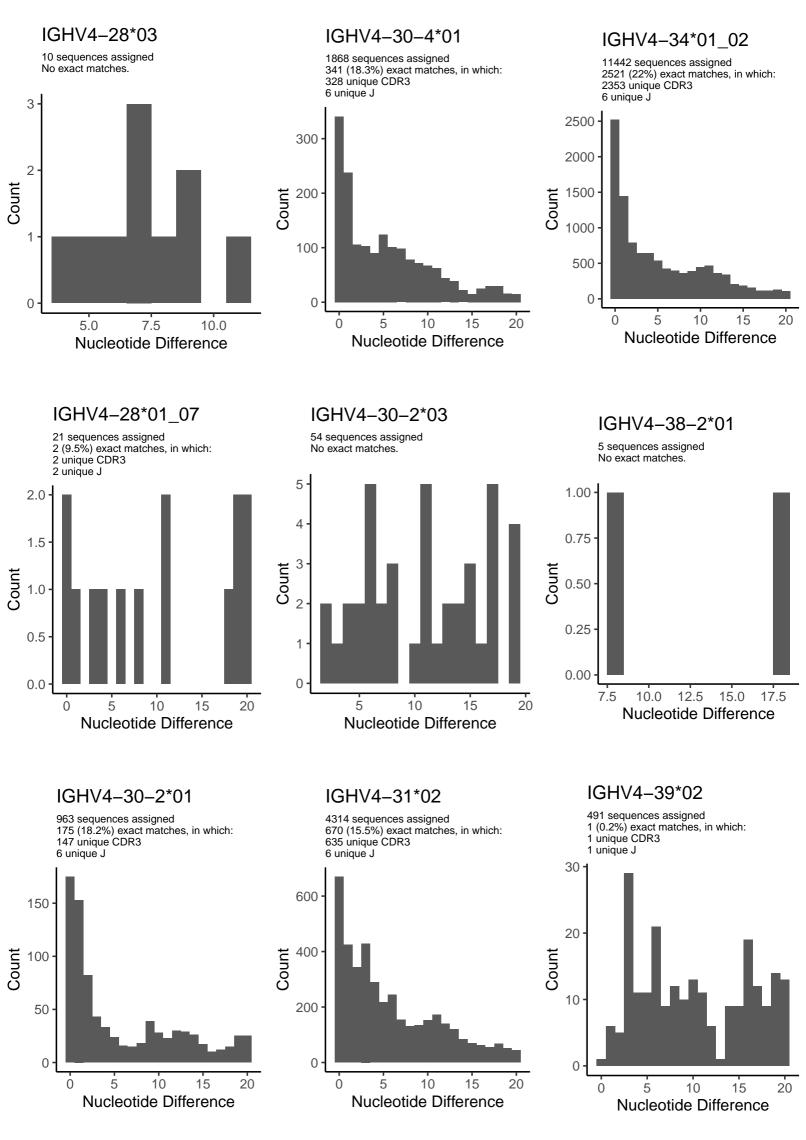


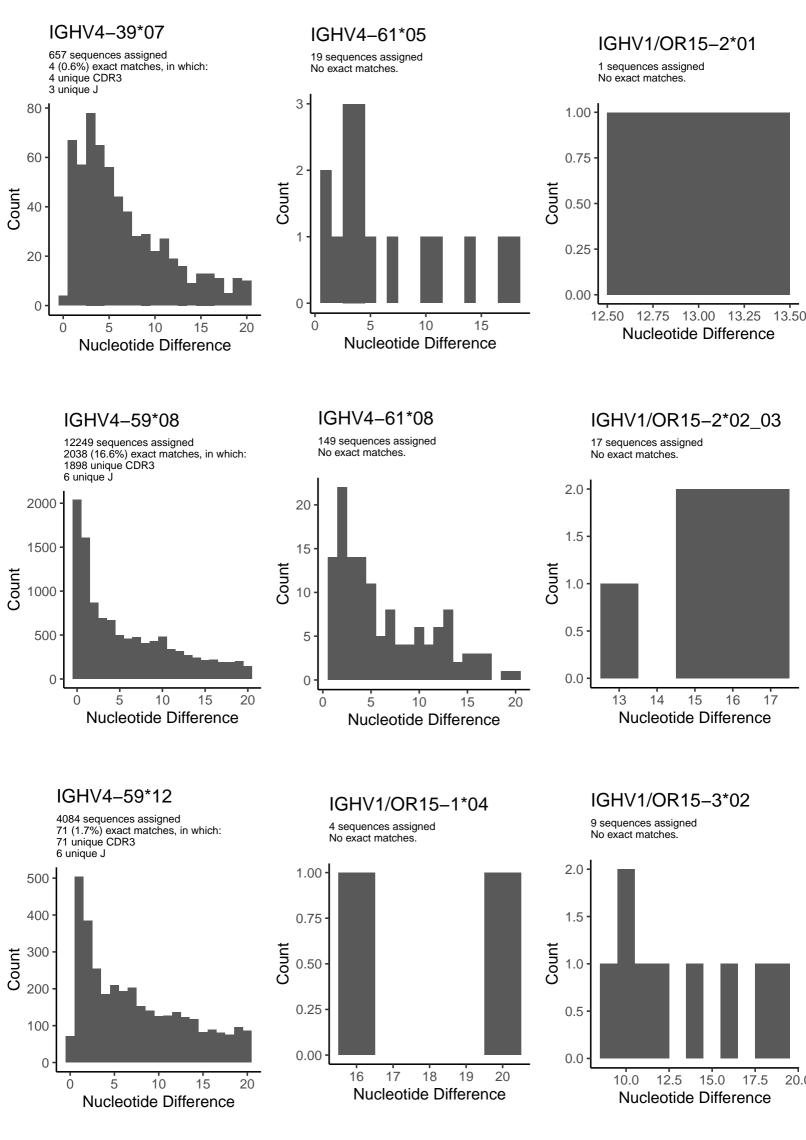


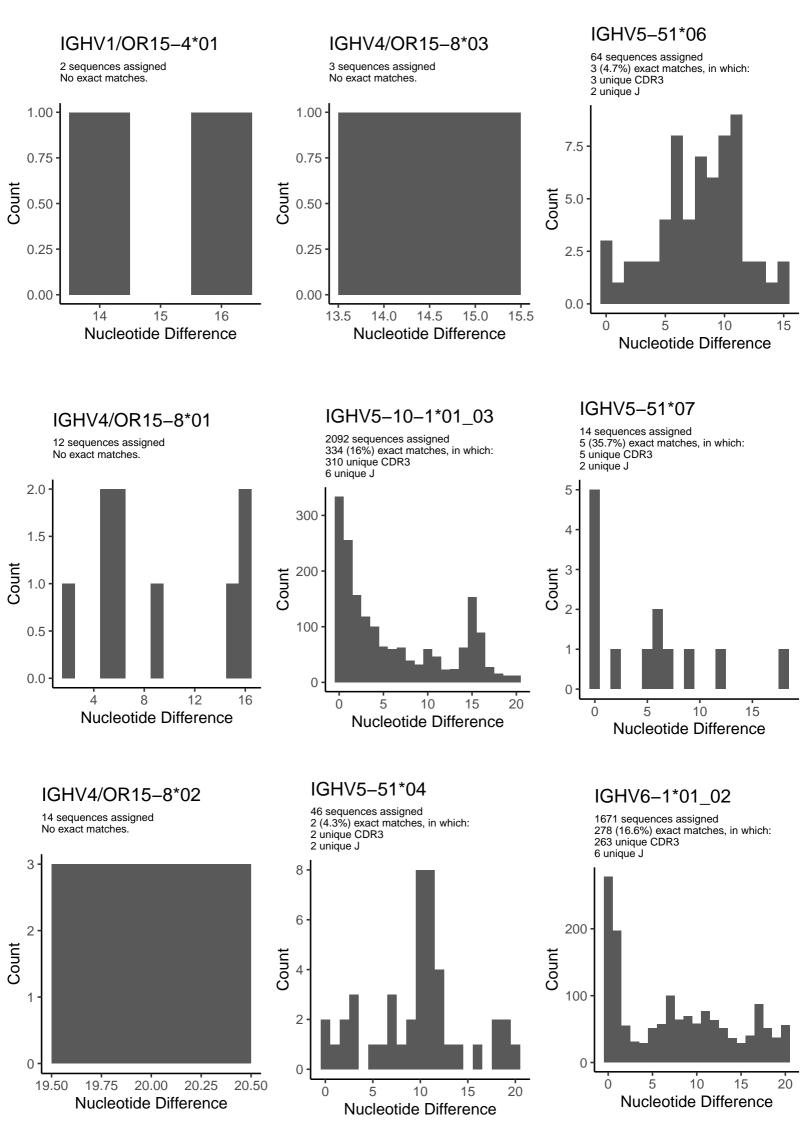






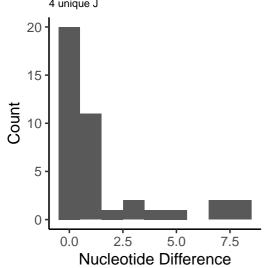






## IGHV7-4-1\*01\_T63C

40 sequences assigned 20 (50%) exact matches, in which: 20 unique CDR3 4 unique J



IGHV3-72\*01\_T159A\_C162T\_C163T\_G164T\_T165C\_C167T\_A173G\_A181T\_C183T\_A184G\_T18

