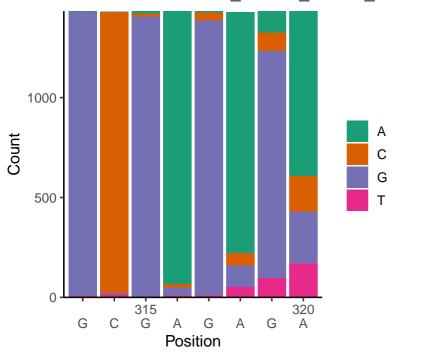
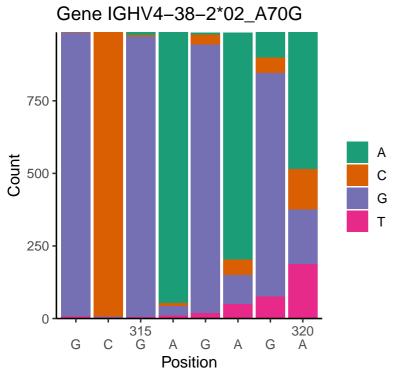
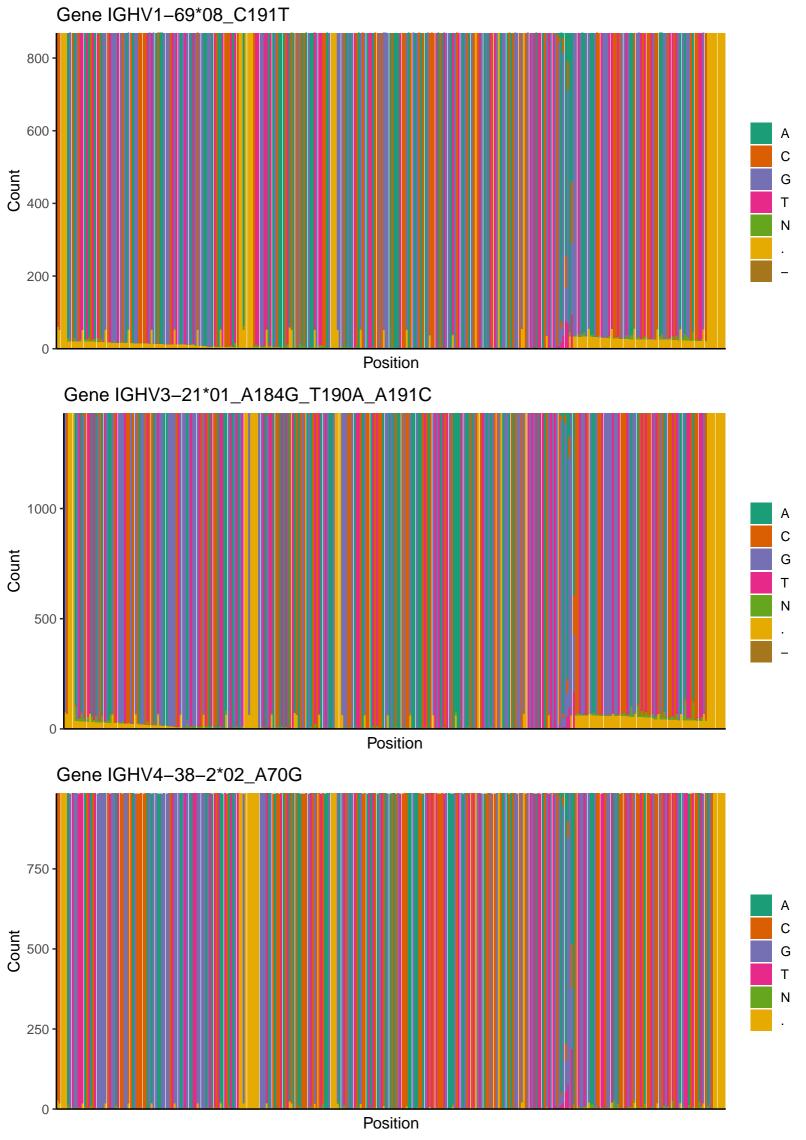
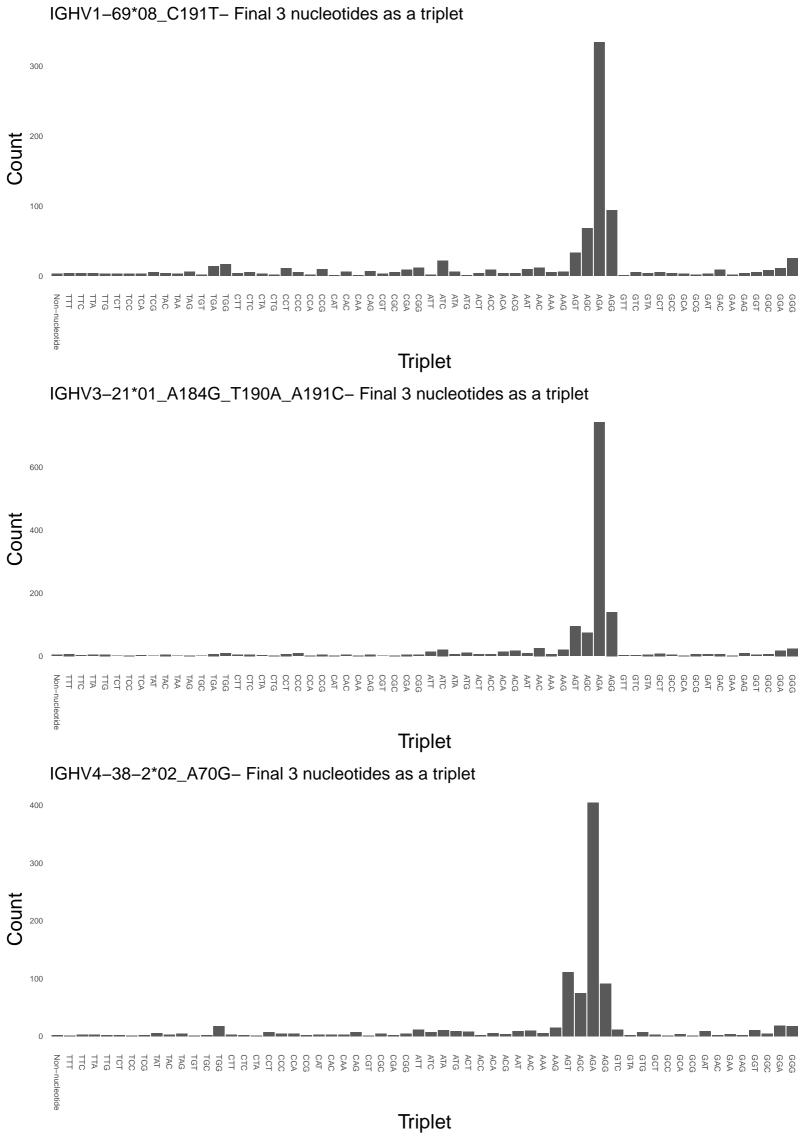


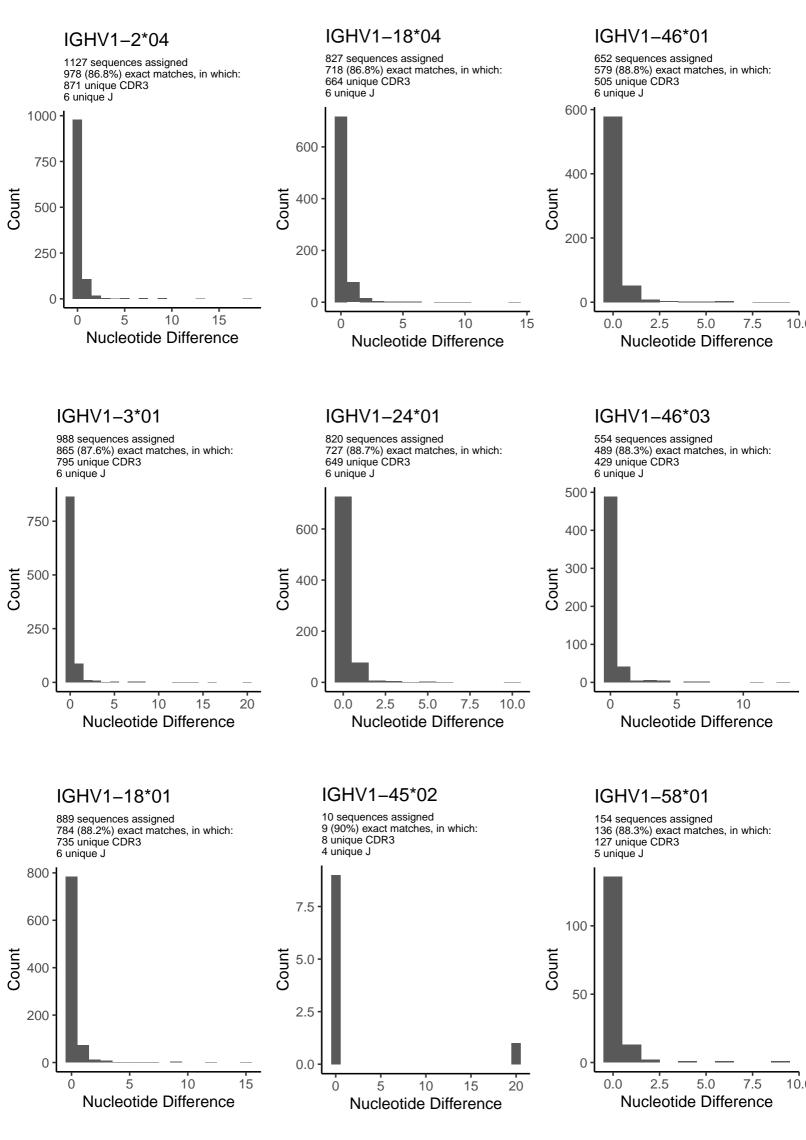
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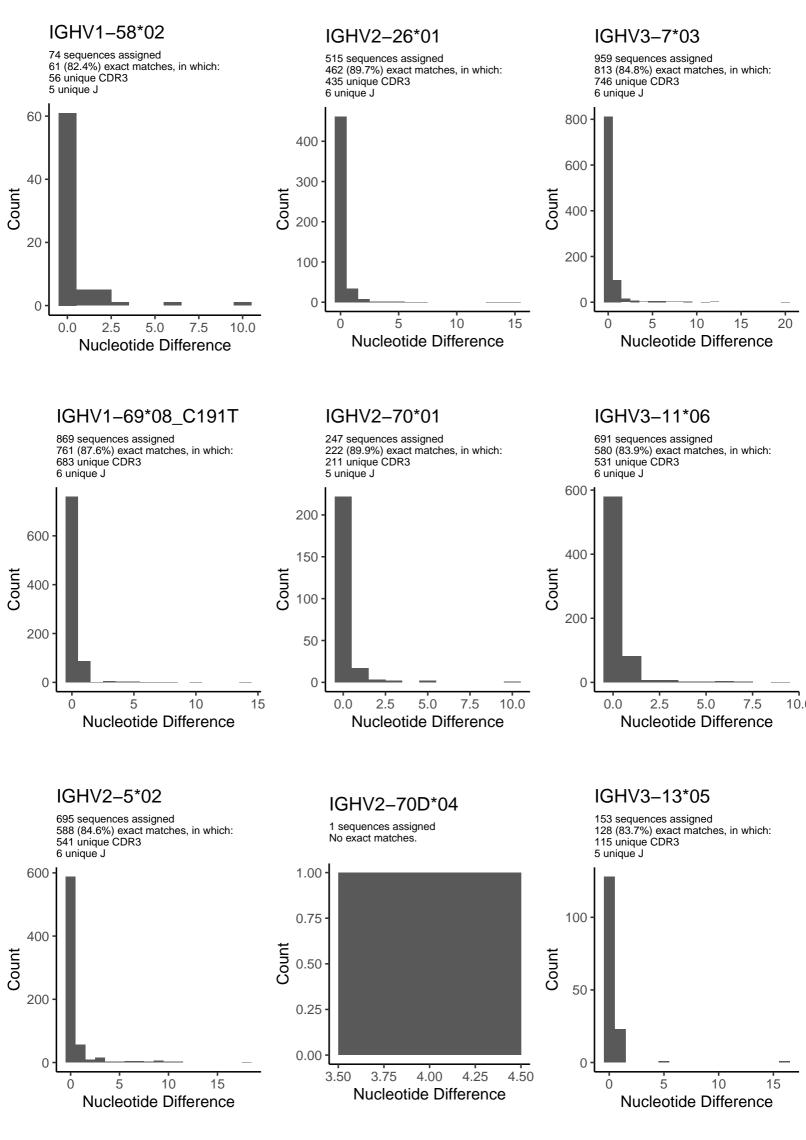


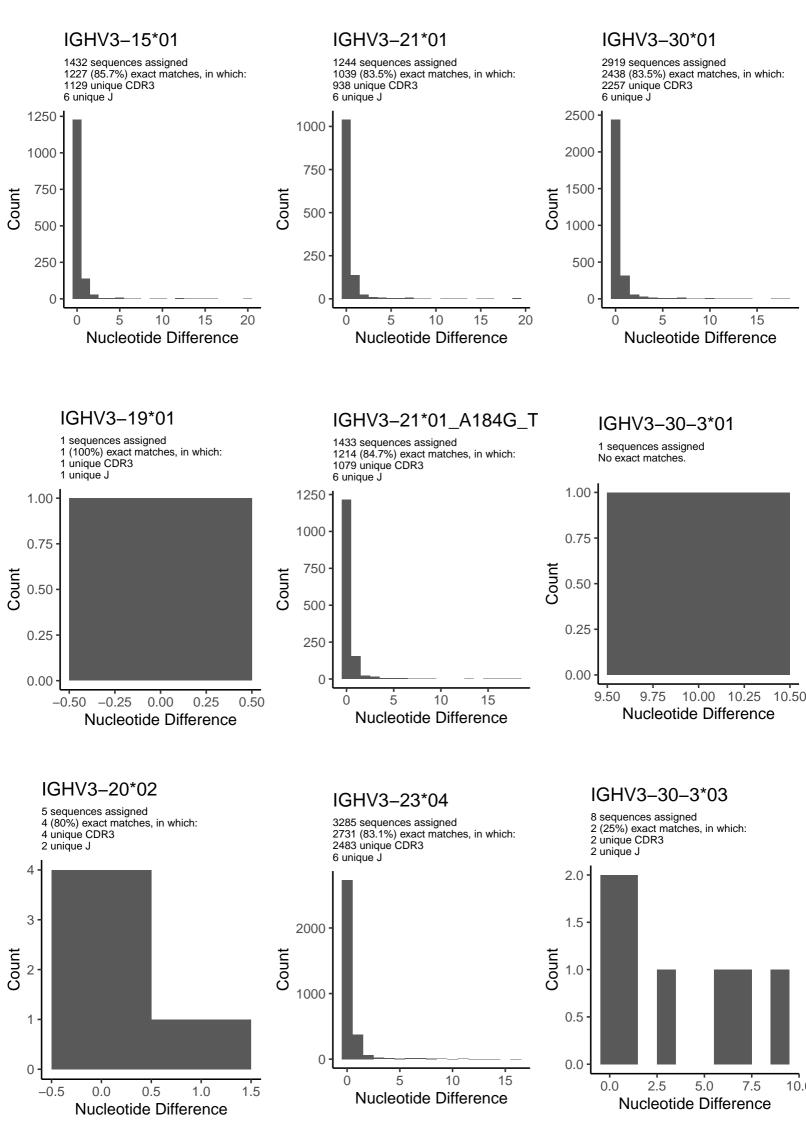


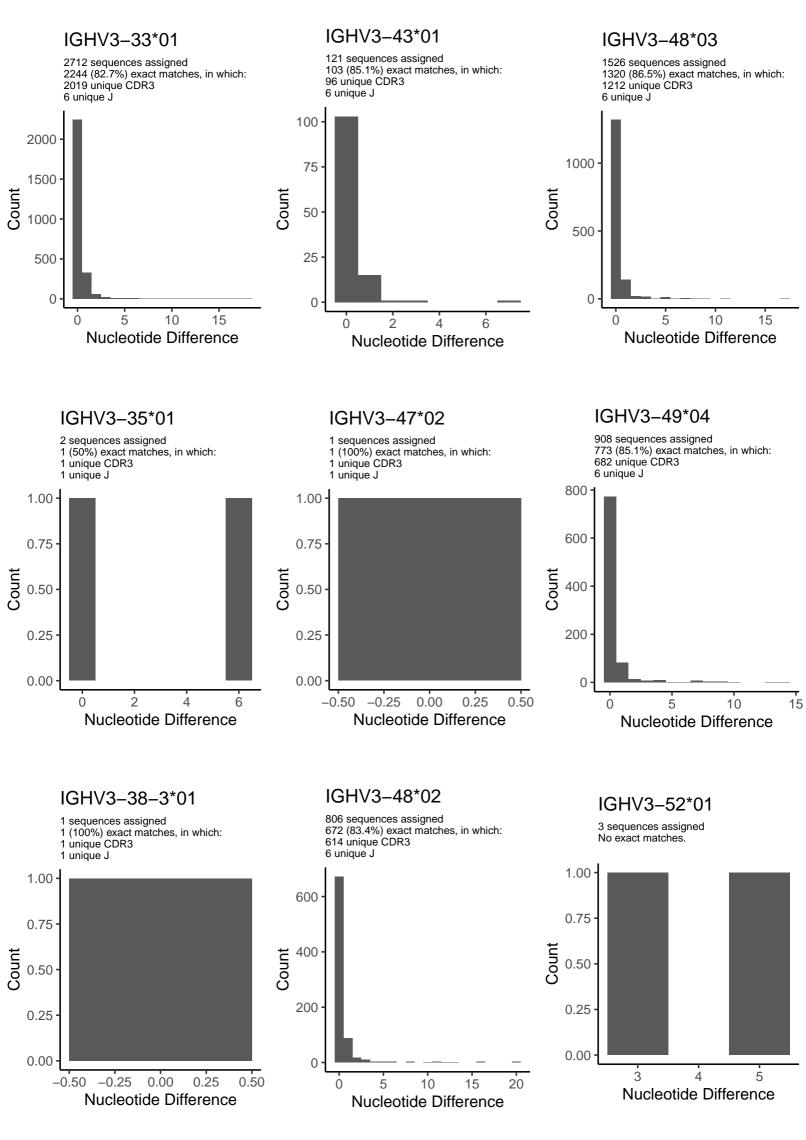


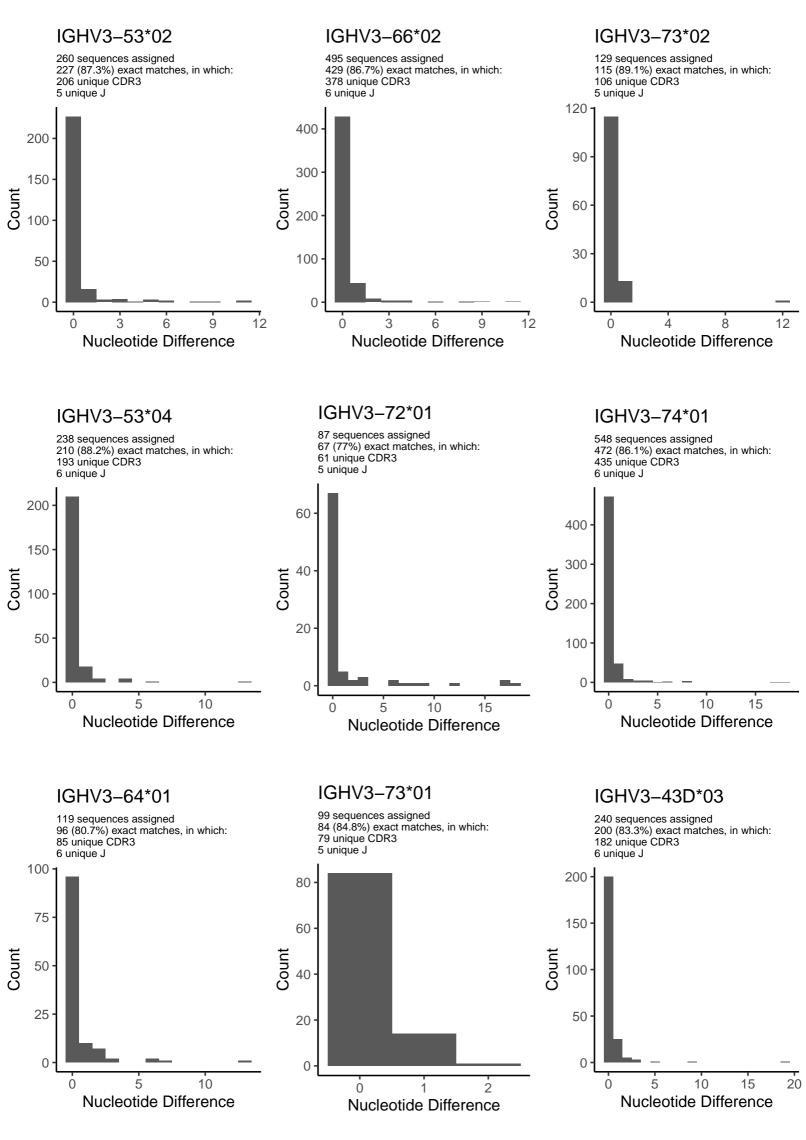


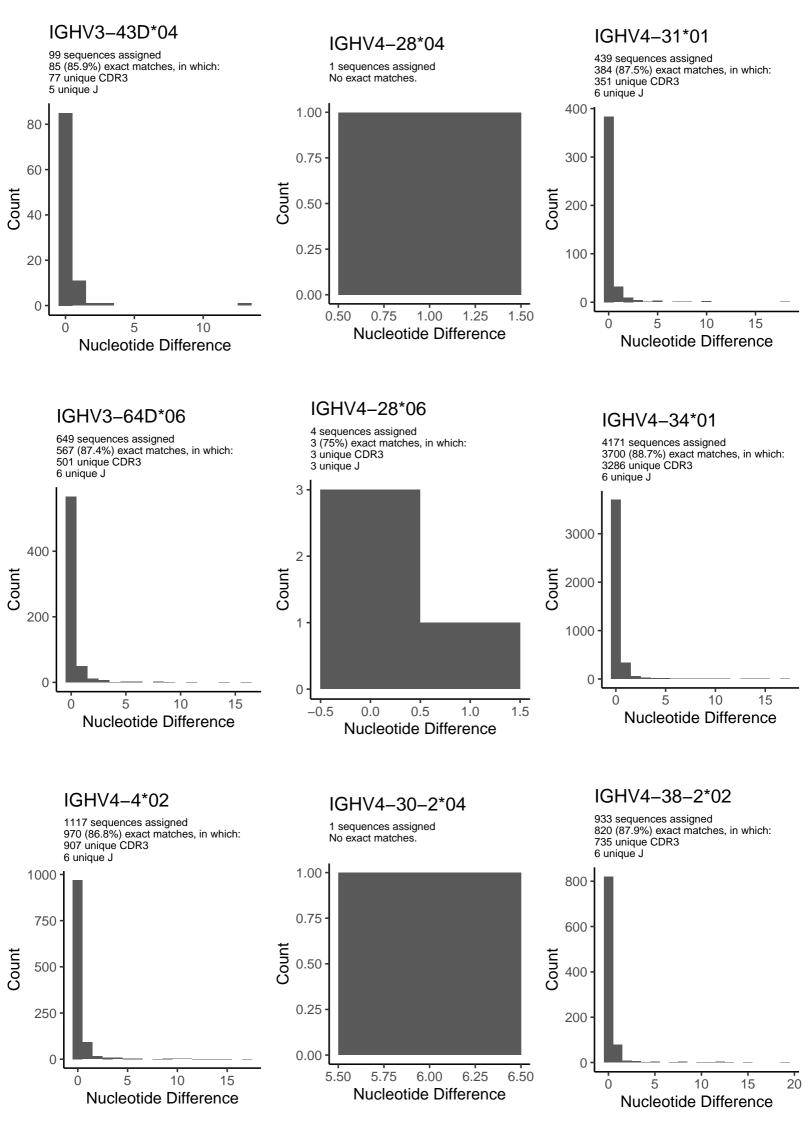


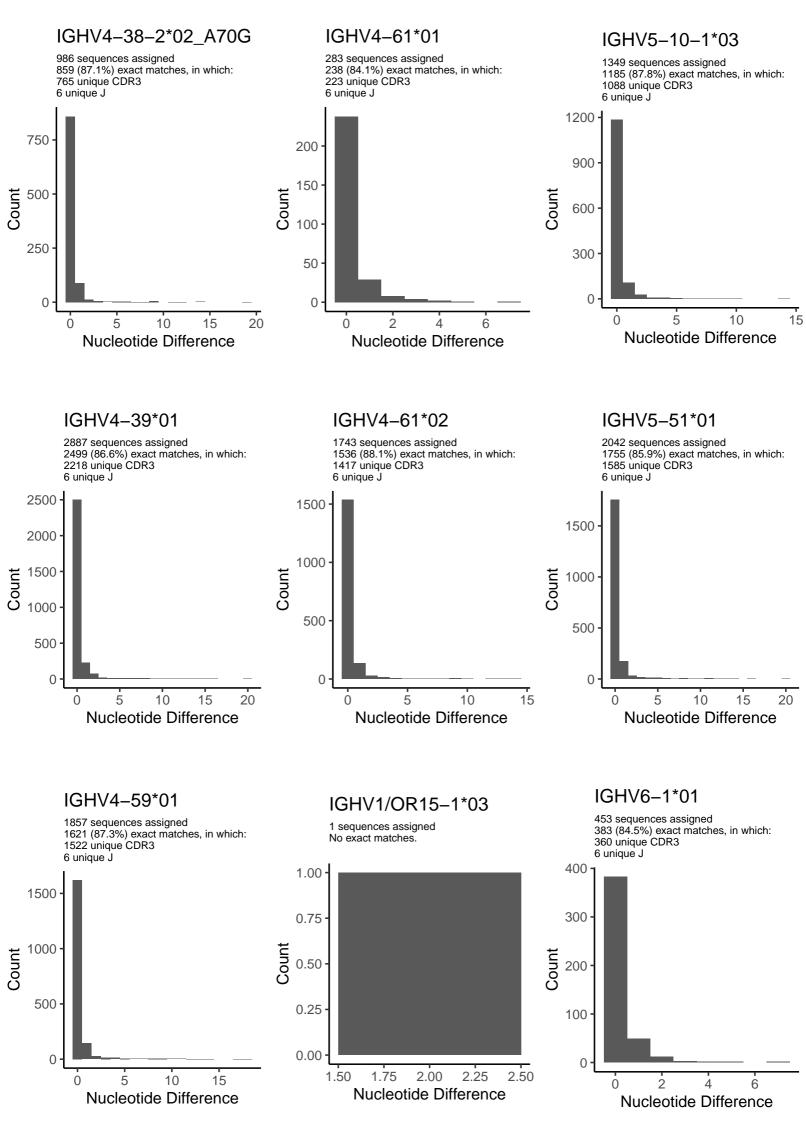






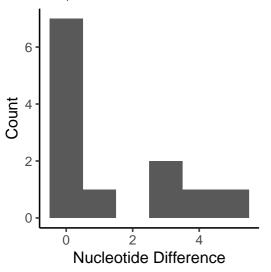




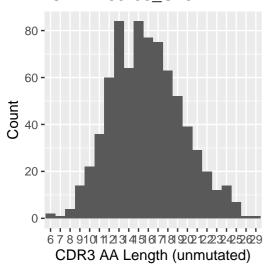


## IGHV7-4-1\*01

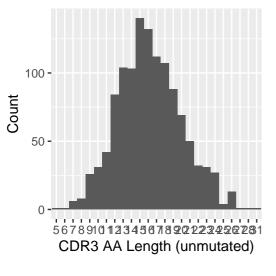
12 sequences assigned 7 (58.3%) exact matches, in which: 6 unique CDR3 4 unique J



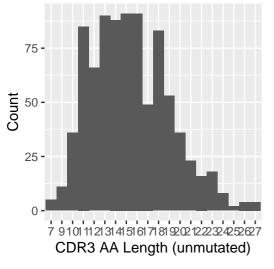
IGHV1-69\*08\_C191T



## IGHV3-21\*01\_A184G\_T190A\_A191C



## IGHV4-38-2\*02\_A70G





Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found.