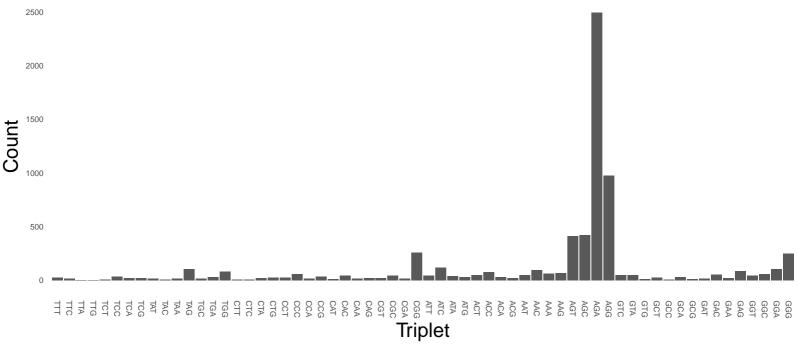
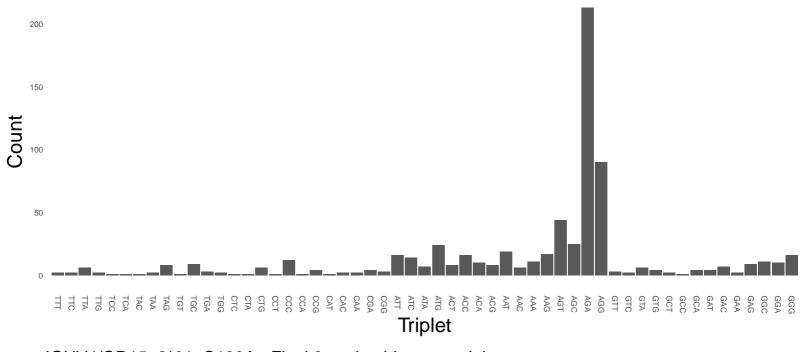


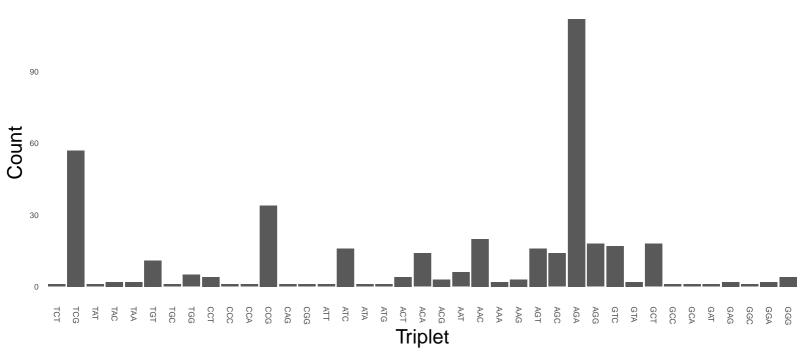
IGHV1-69\*04\_09\_A244G- Final 3 nucleotides as a triplet

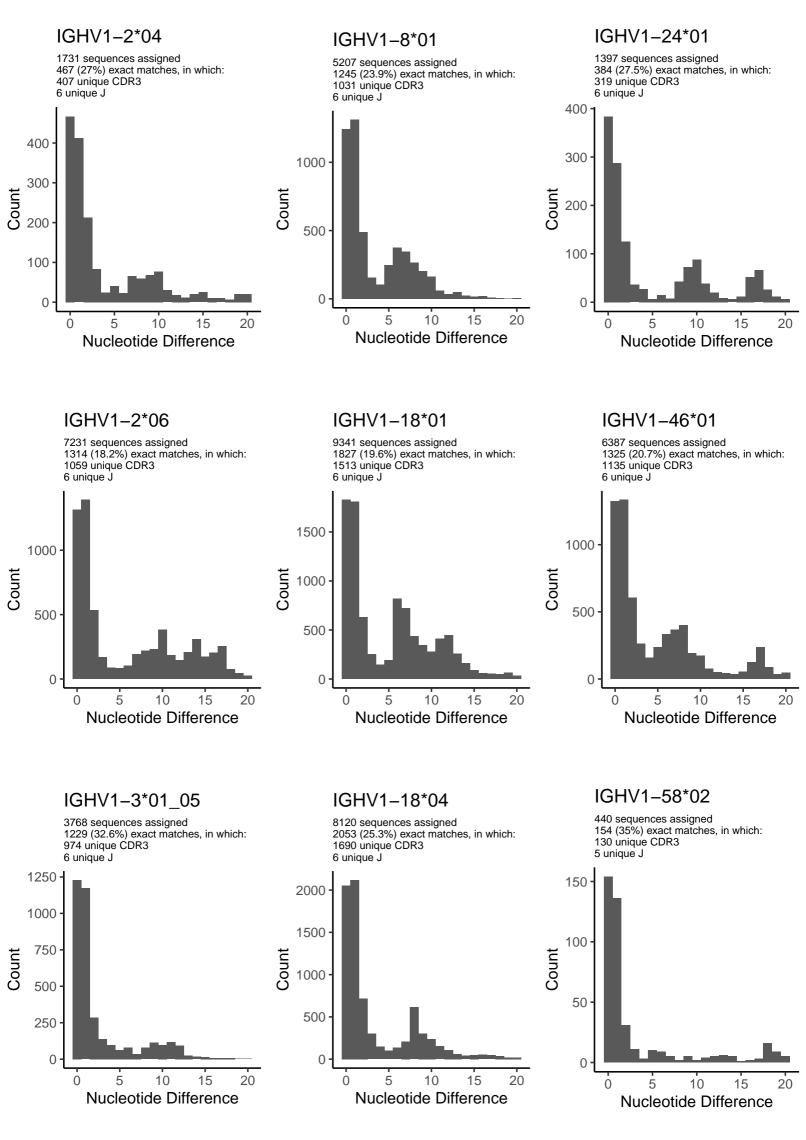


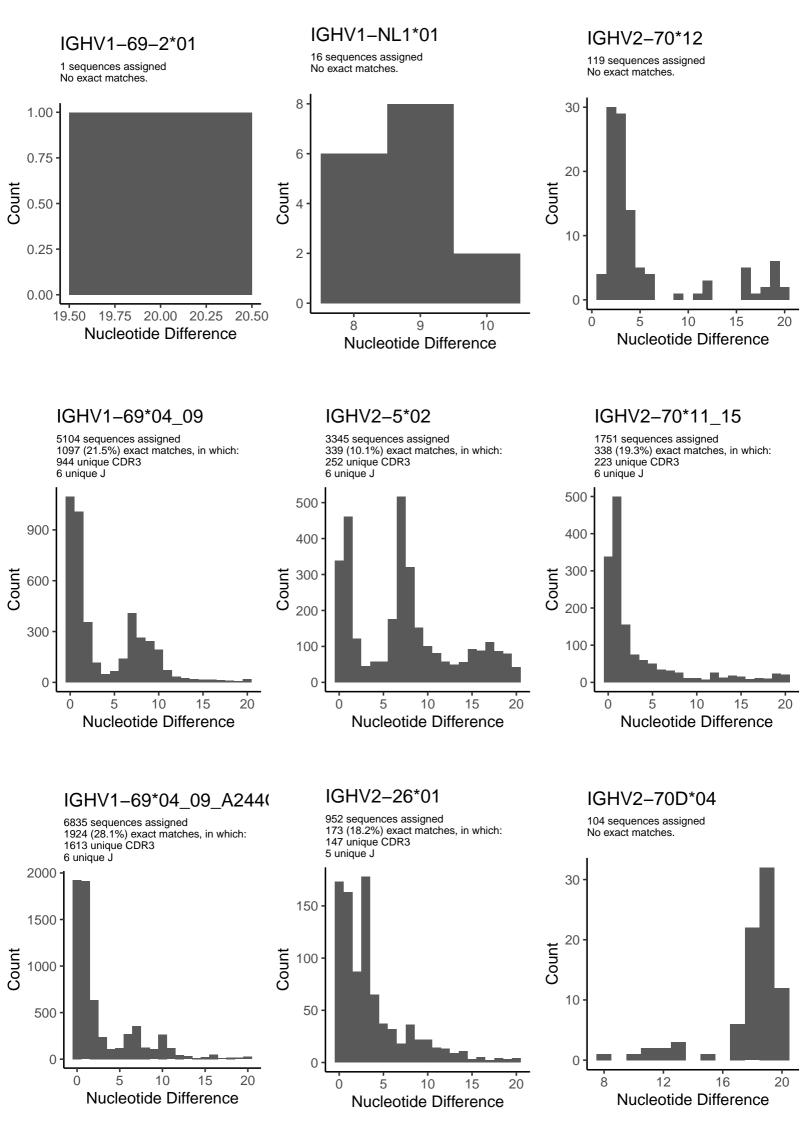
IGHV3-53\*01\_02\_G81A\_A225G\_T267G\_G303A- Final 3 nucleotides as a triplet

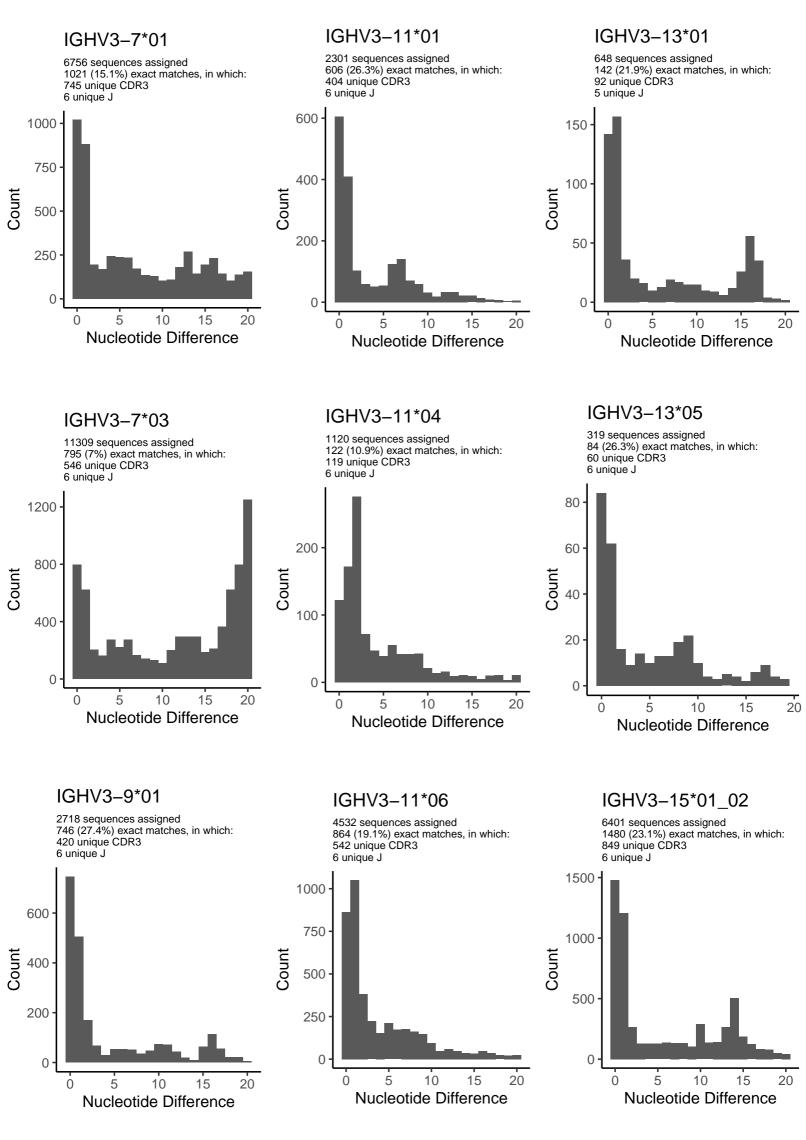


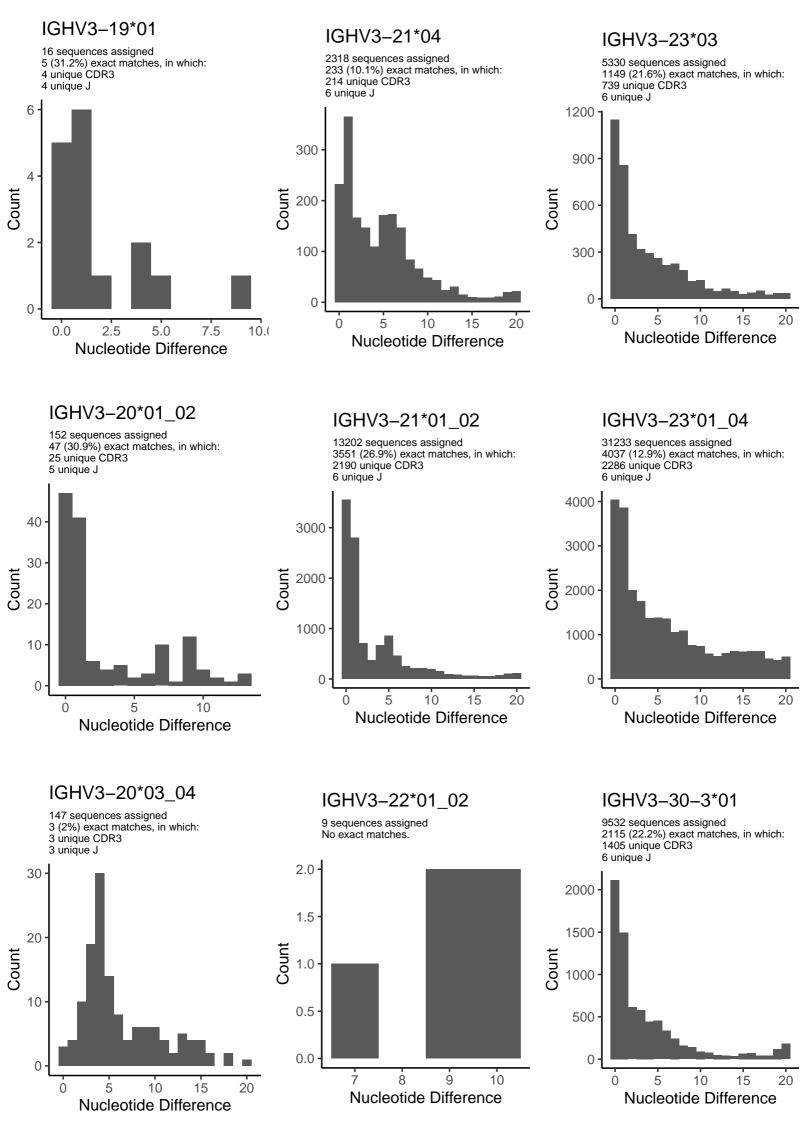
IGHV4/OR15-8\*01\_C193A- Final 3 nucleotides as a triplet

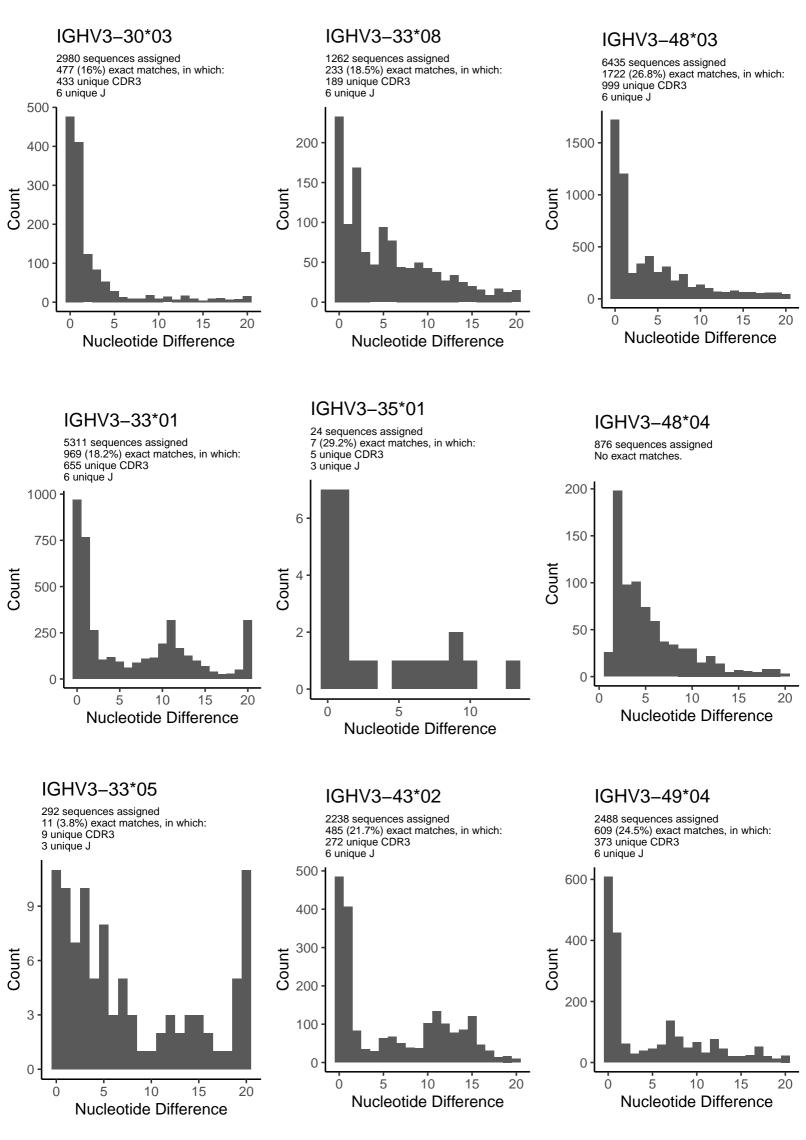


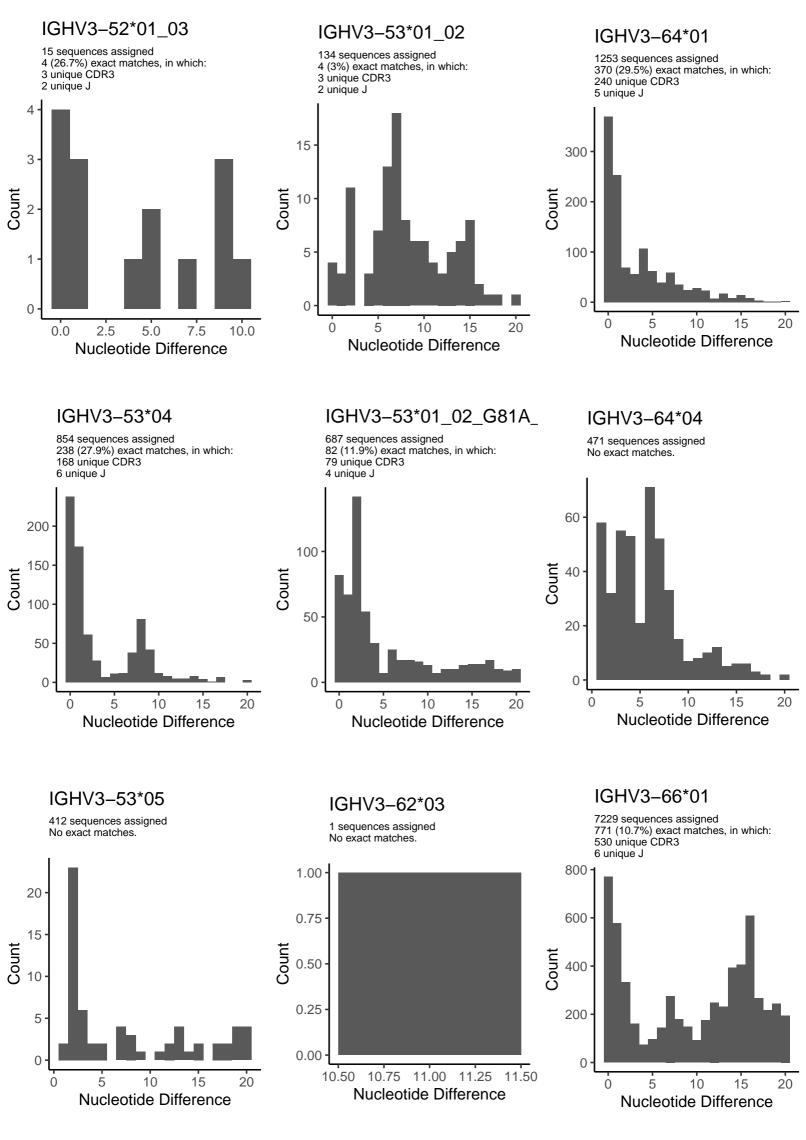


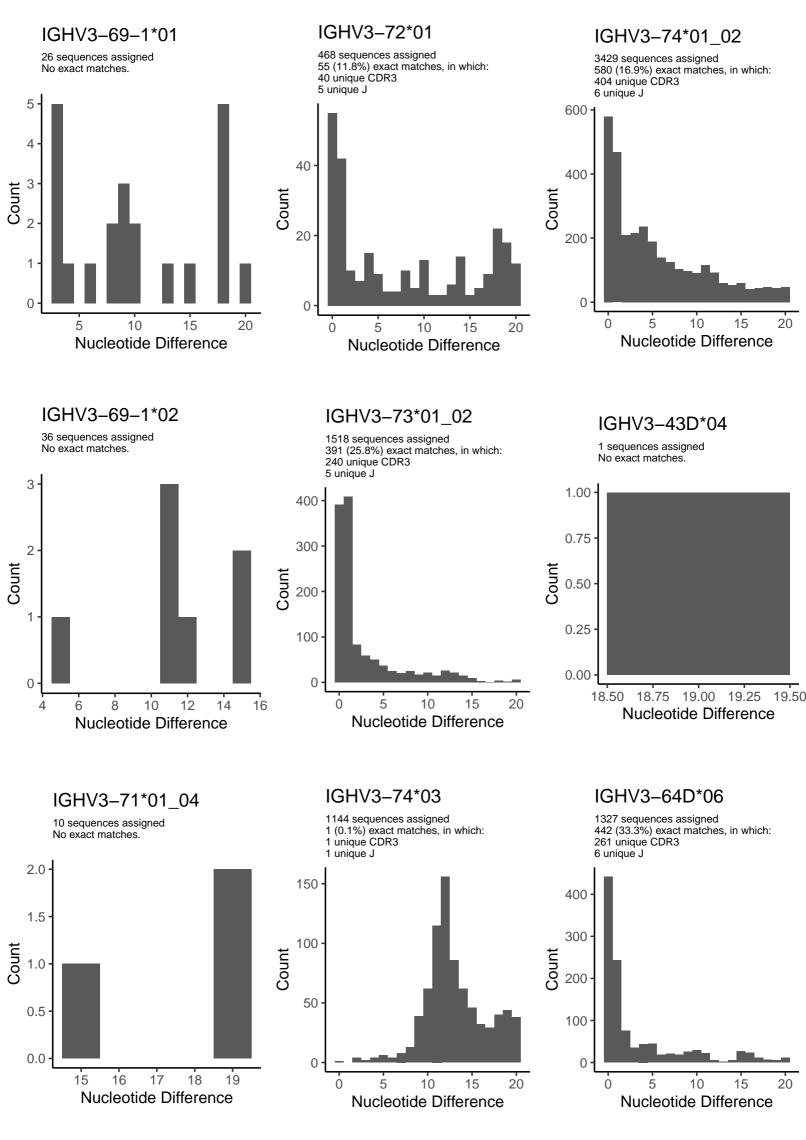


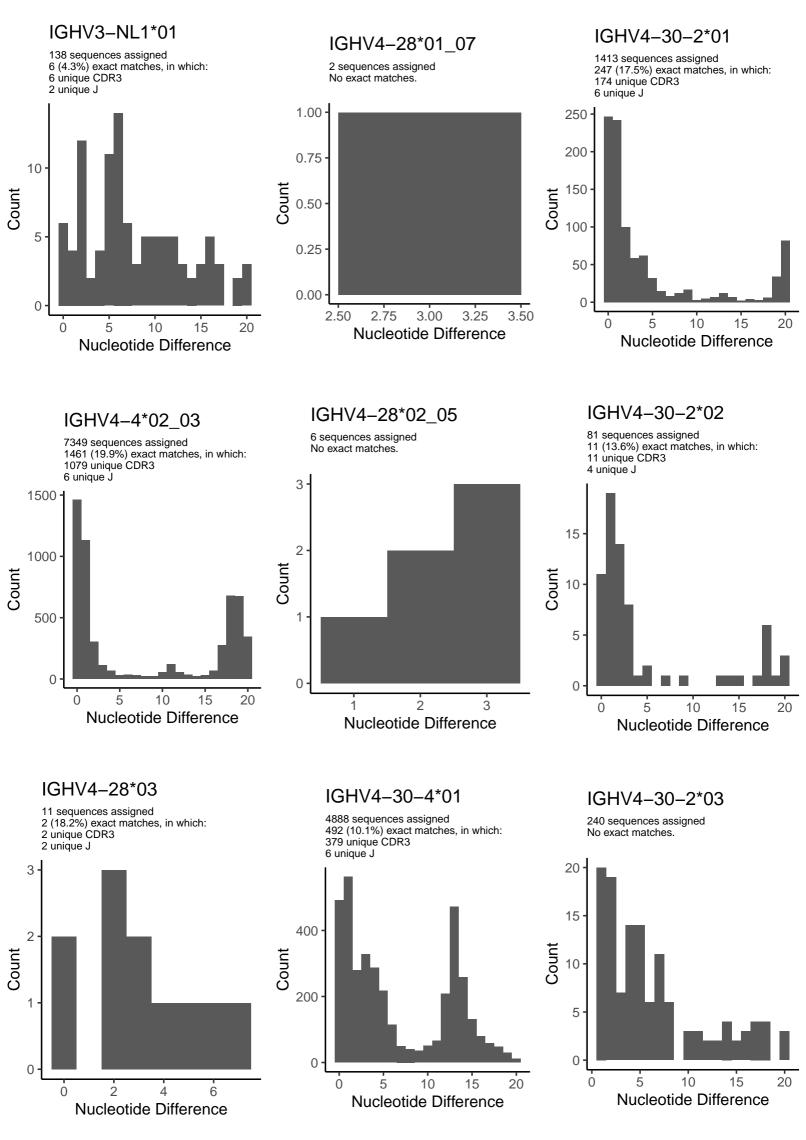


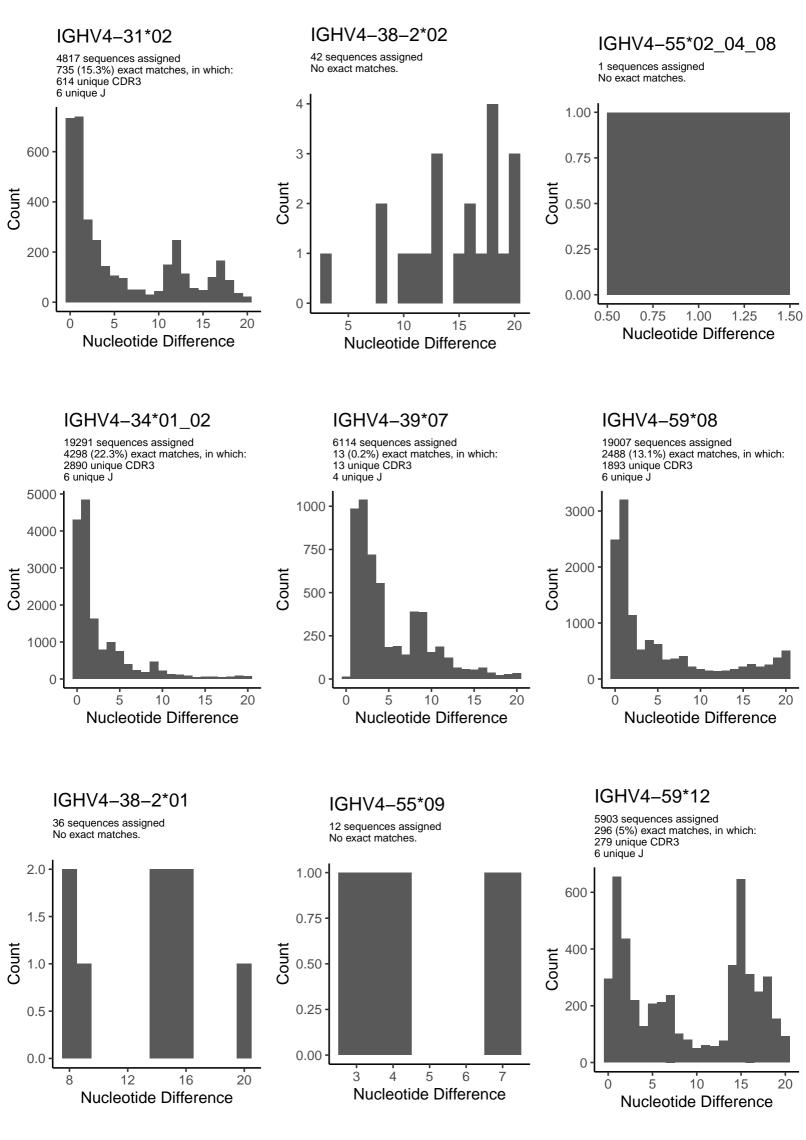


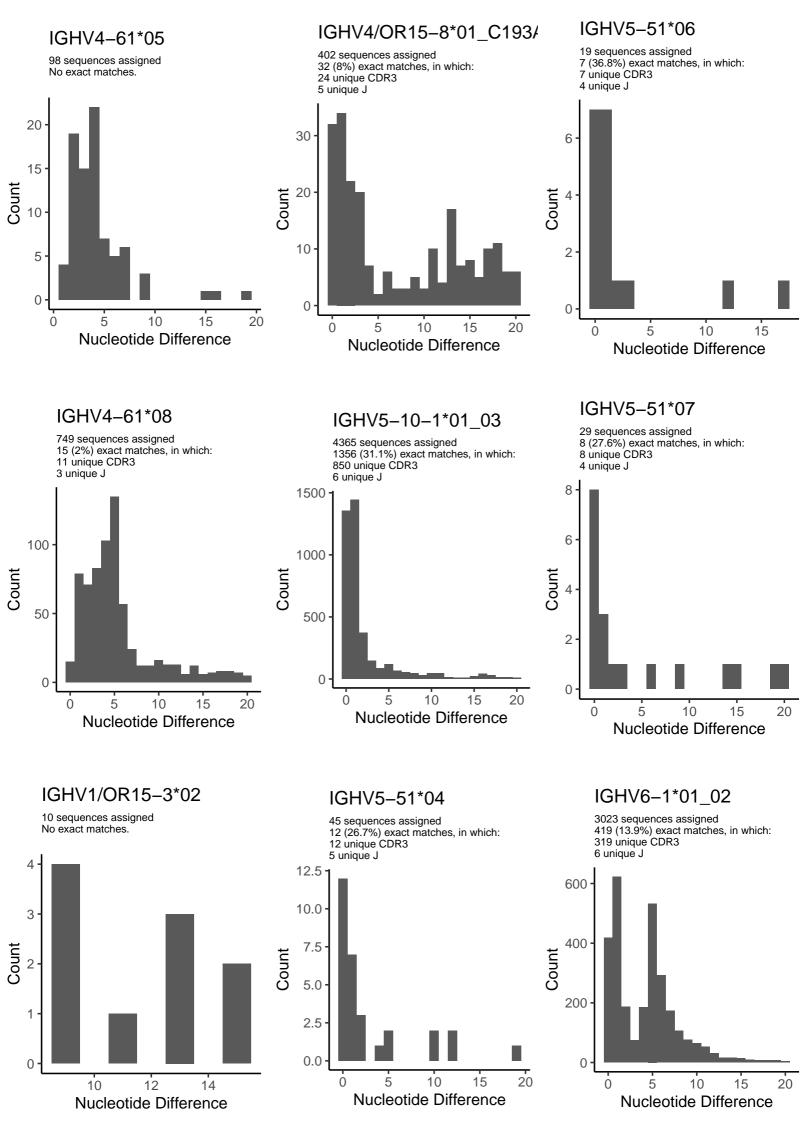






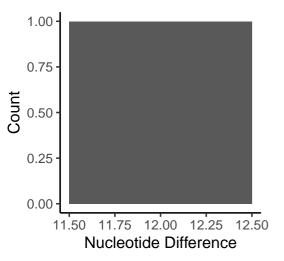






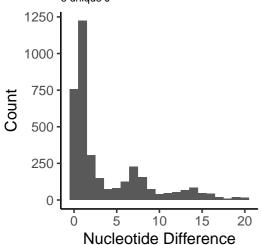
# IGHV3/OR16-10\*01\_03

1 sequences assigned No exact matches.



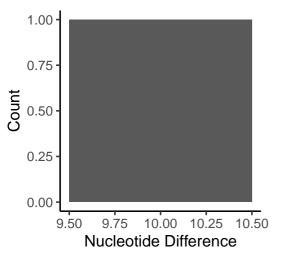
### IGHV7-4-1\*02

3673 sequences assigned 757 (20.6%) exact matches, in which: 578 unique CDR3 6 unique J

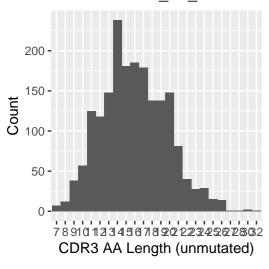


#### IGHV7-81\*01

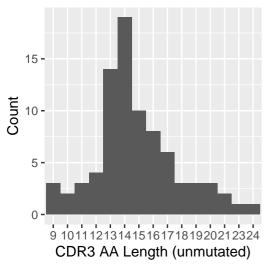
1 sequences assigned No exact matches.



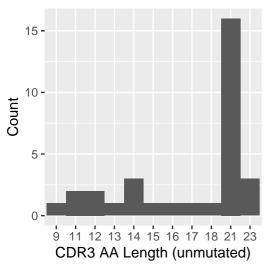
## IGHV1-69\*04\_09\_A244G



# IGHV3-53\*01\_02\_G81A\_A225G\_T267G\_G303A



# IGHV4/OR15-8\*01\_C193A





talling to more sequences out a	
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