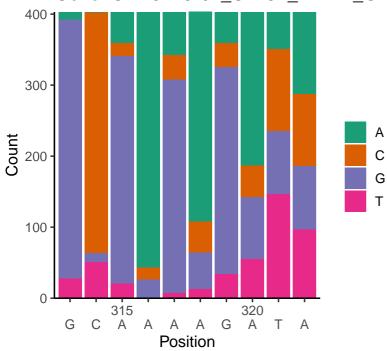
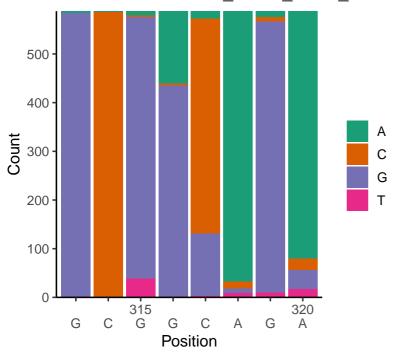
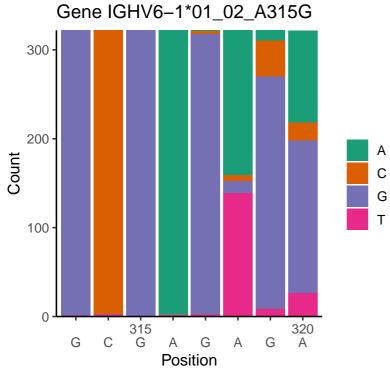
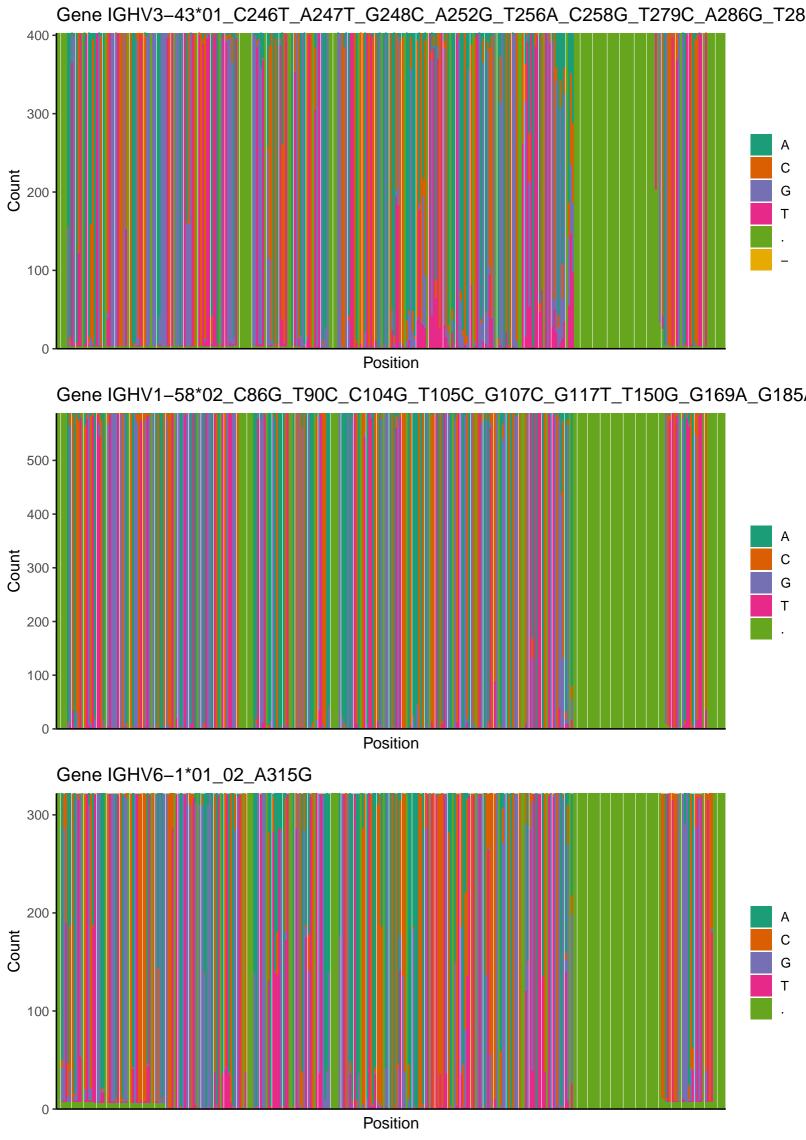
Gene IGHV3-43\*01\_C246T\_A247T\_G248C\_A252G\_T256A\_C258G\_T279C\_A286G\_T28

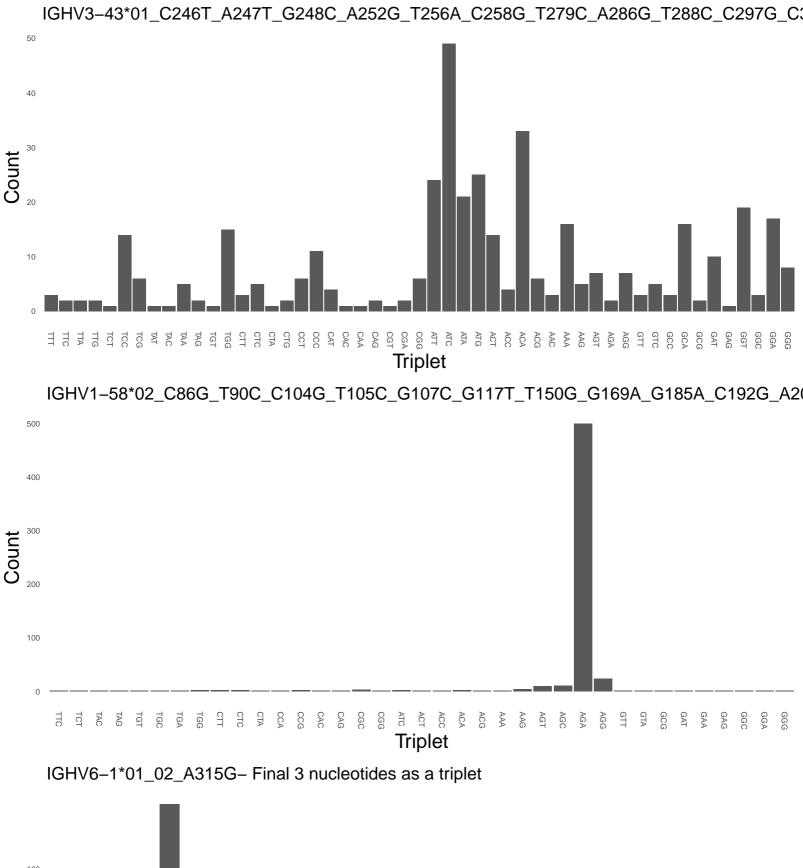


Gene IGHV1-58\*02\_C86G\_T90C\_C104G\_T105C\_G107C\_G117T\_T150G\_G169A\_G185











AAG
AAA
AAC
AACG
ACG
ACC

**Triplet** 

ACT ATC

ATT

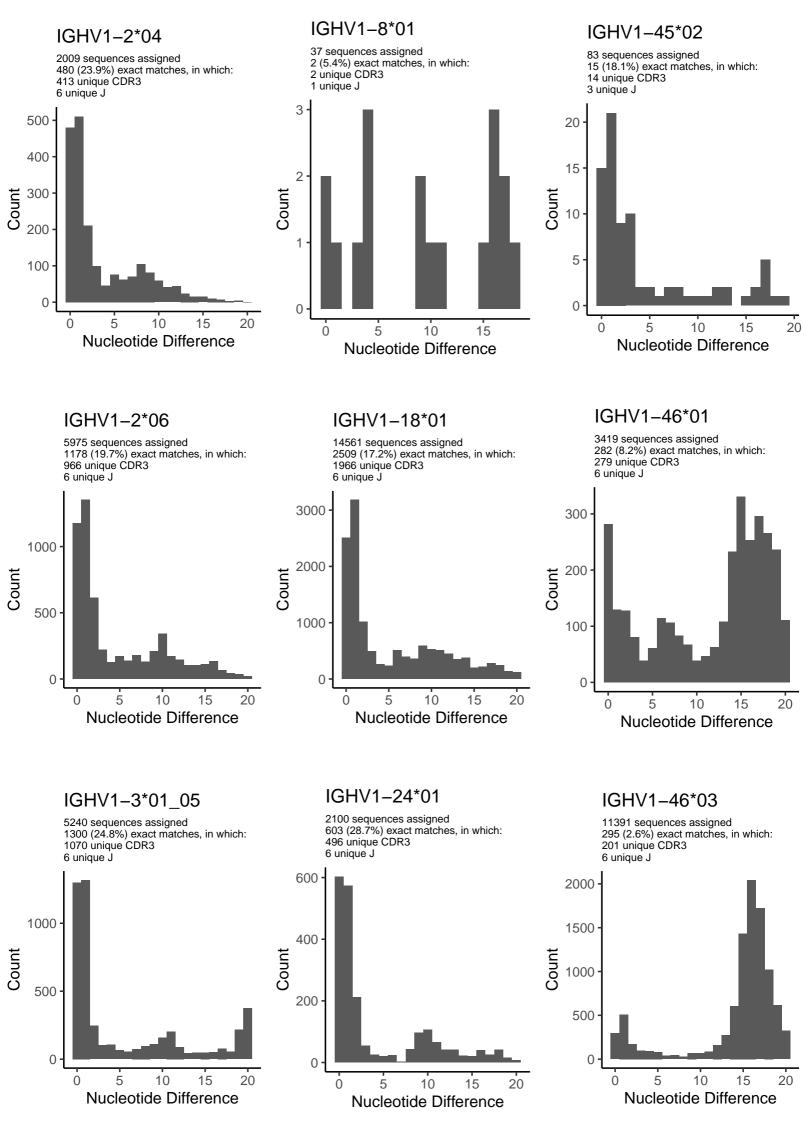
TAA TAC TCA CCC CTG CTA CGC

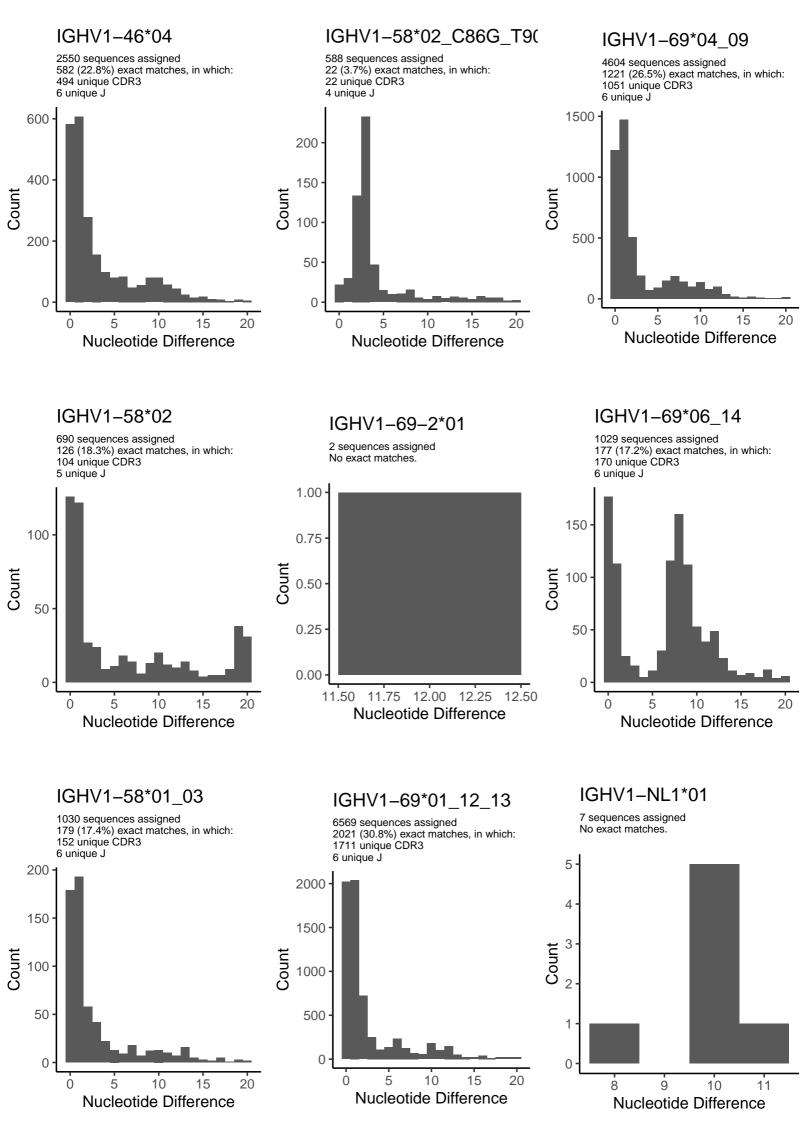
GП

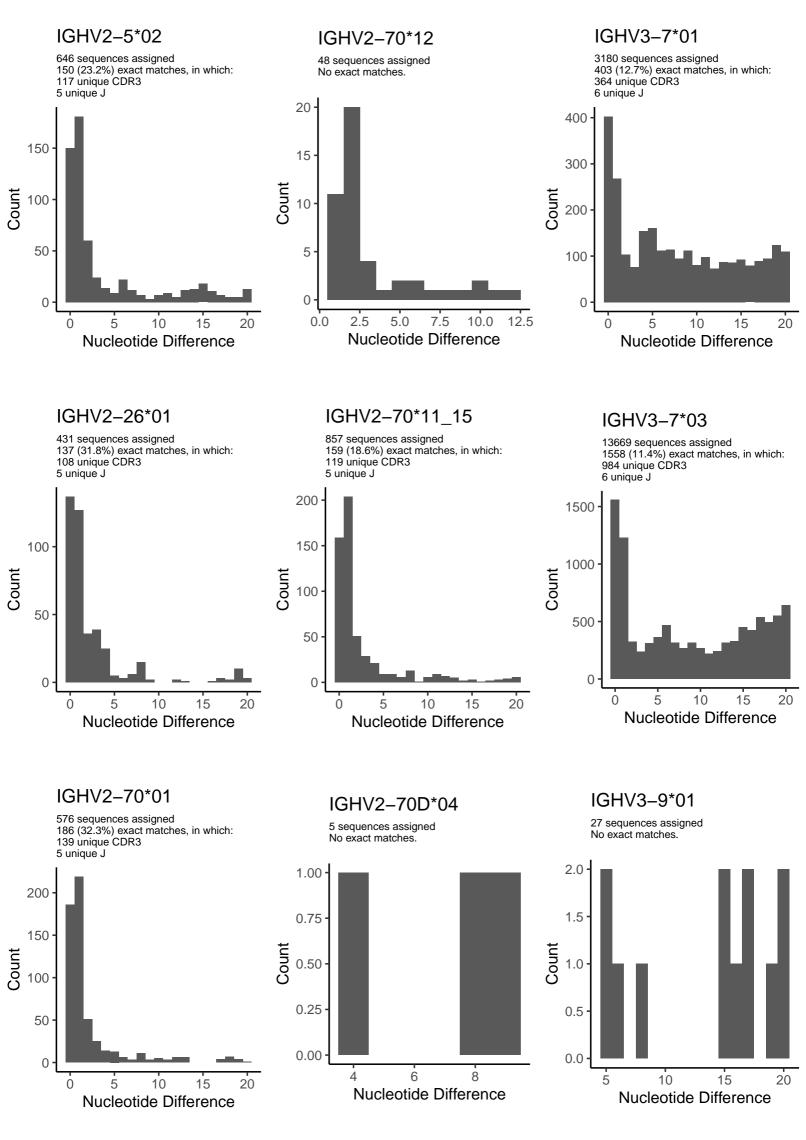
GCC GCT

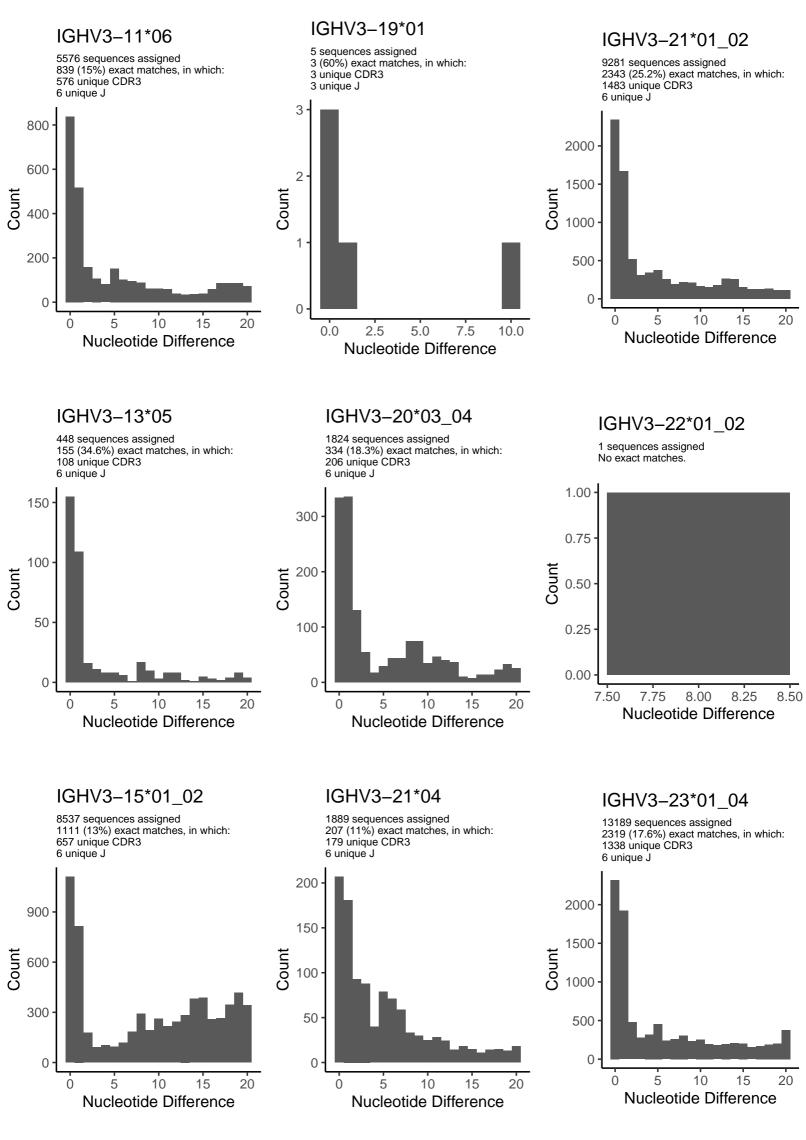
AGG

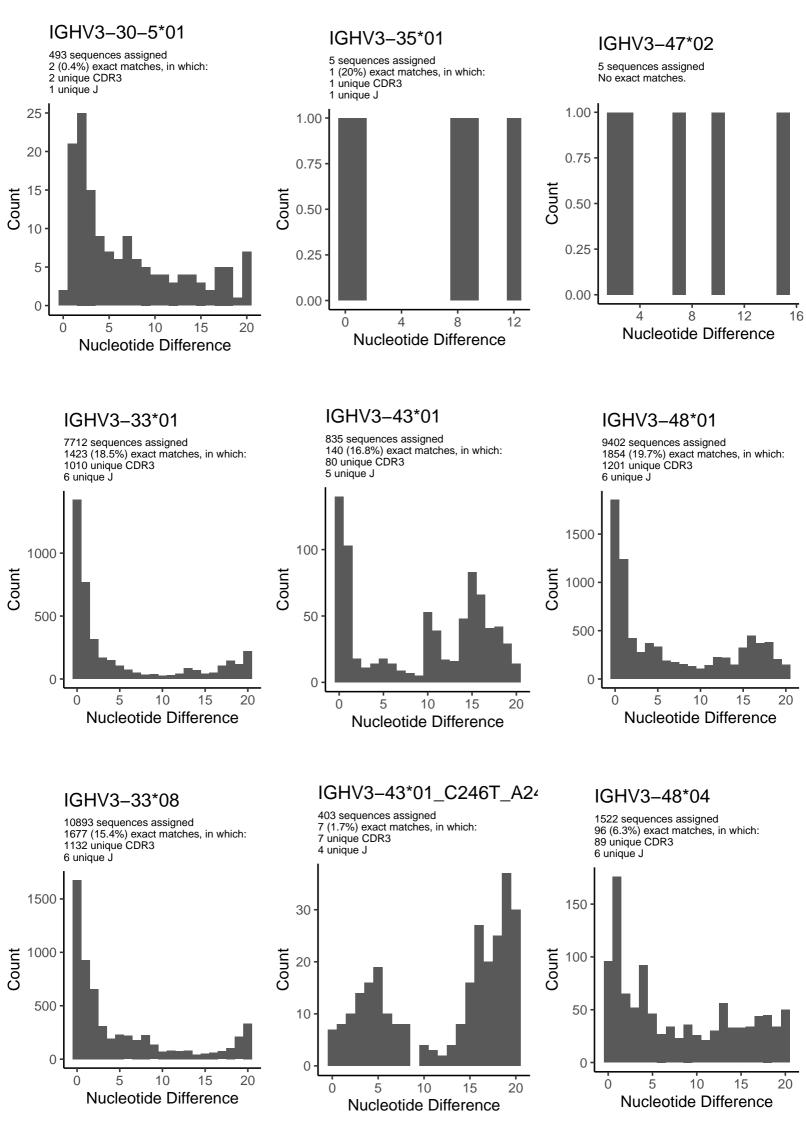
AGC AGT

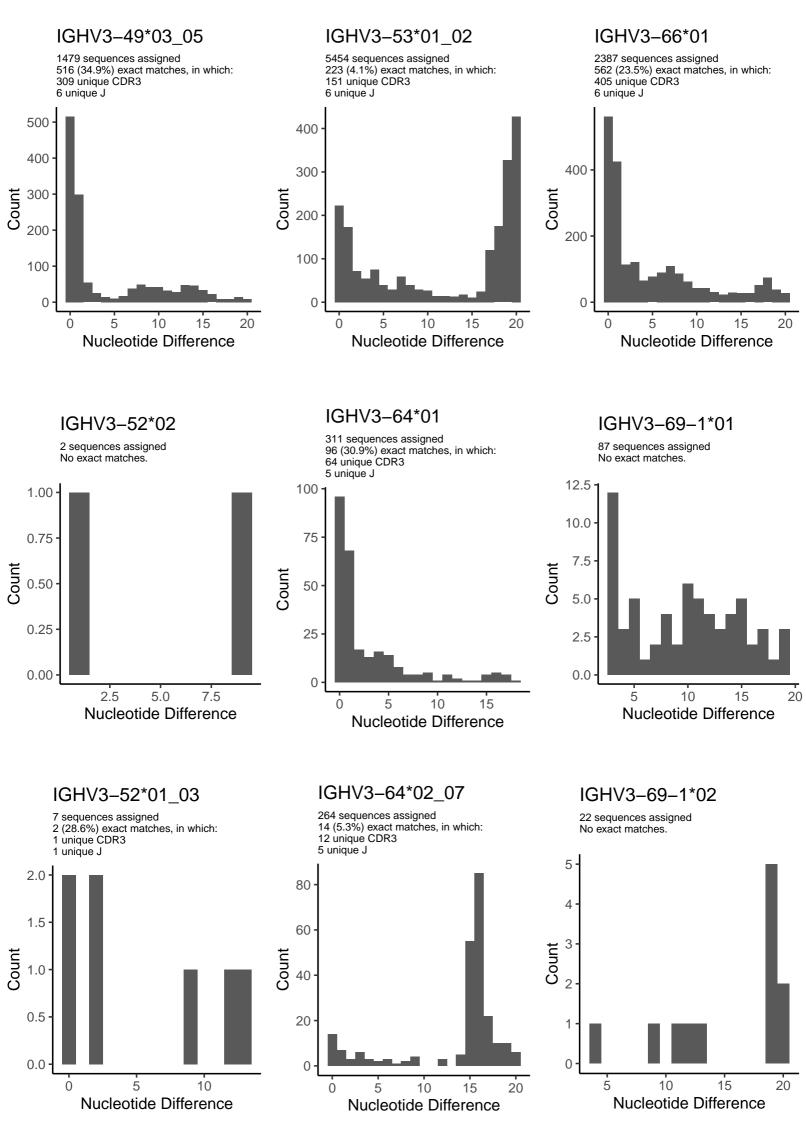


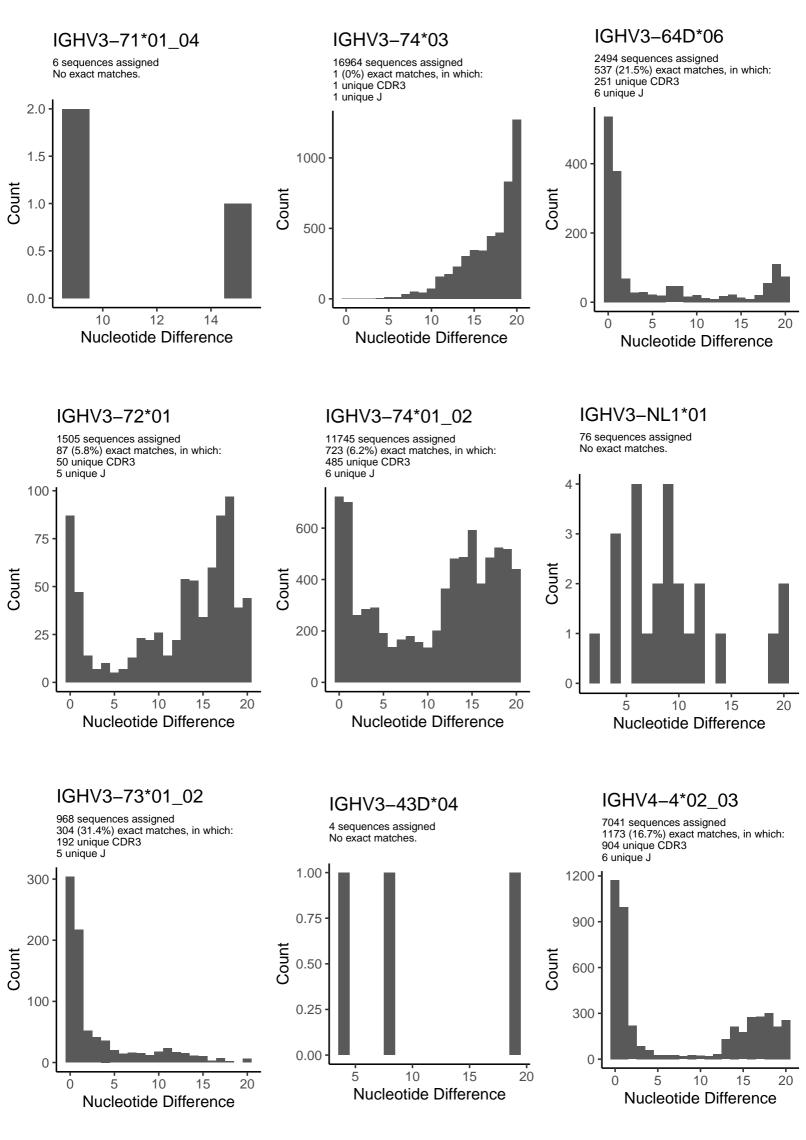


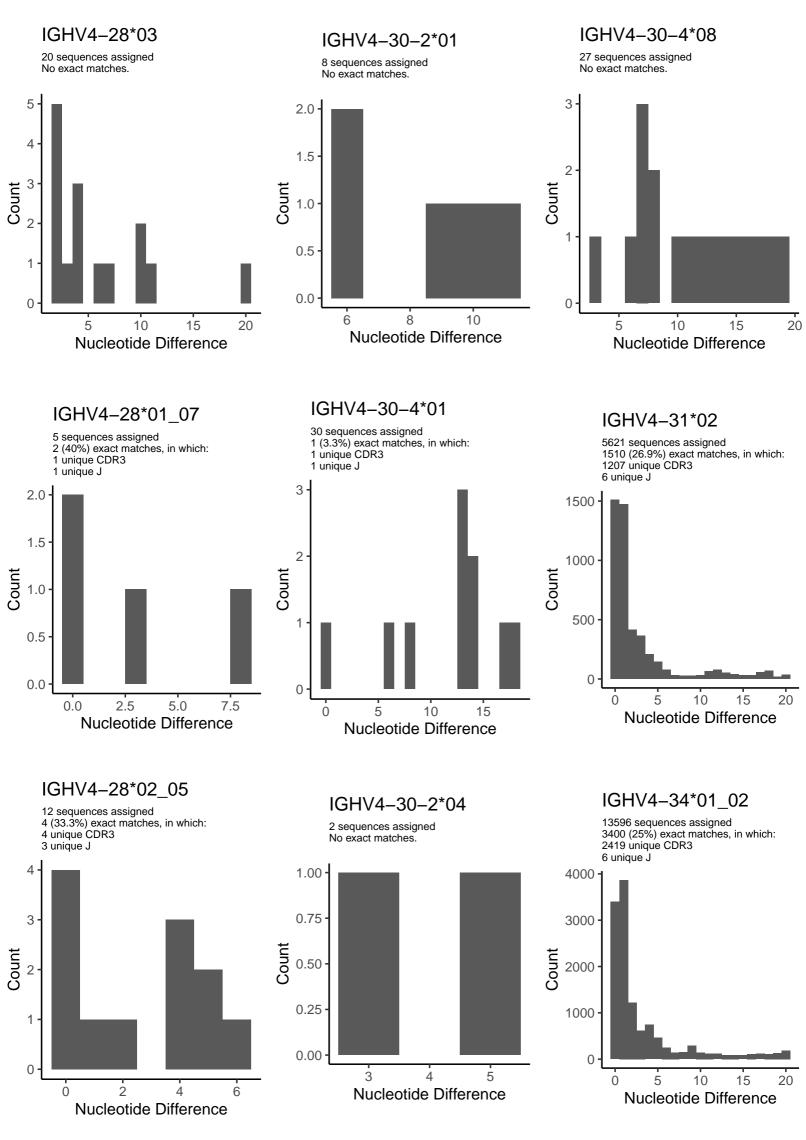


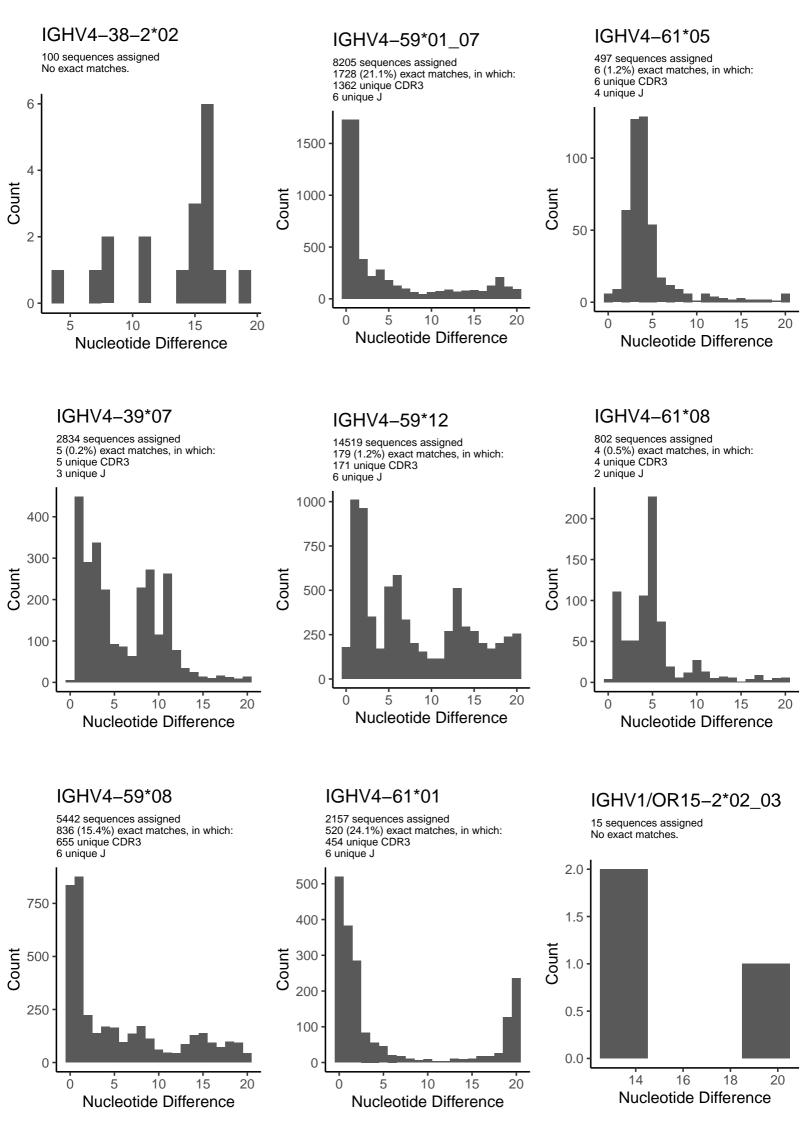


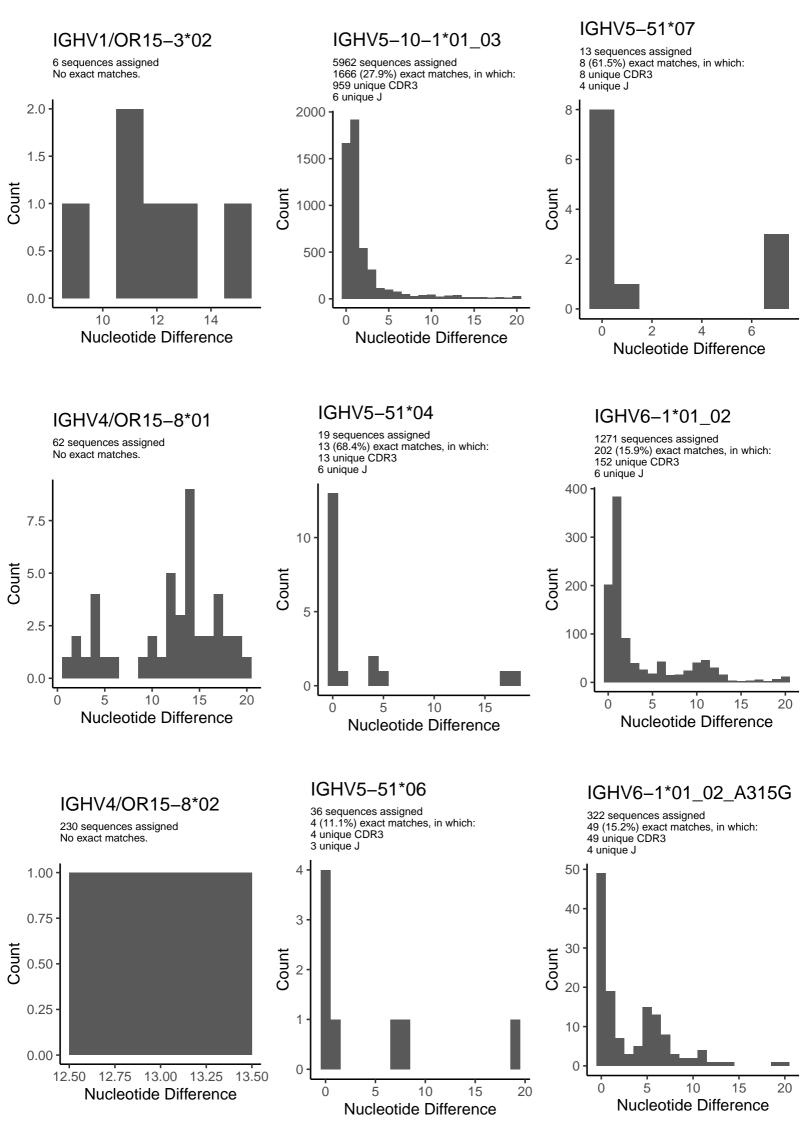






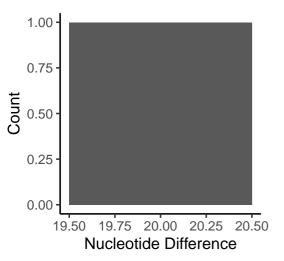






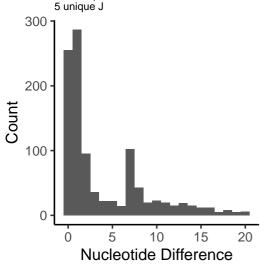
## IGHV3/OR16-9\*01

3 sequences assigned No exact matches.



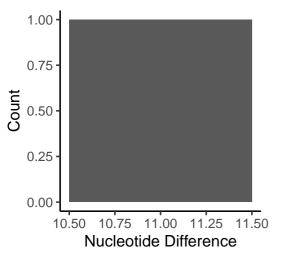
## IGHV7-4-1\*02

1090 sequences assigned 255 (23.4%) exact matches, in which: 196 unique CDR3

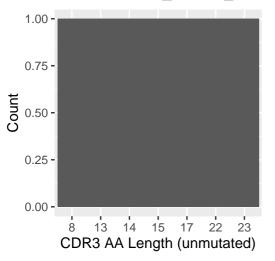


## IGHV7-81\*01

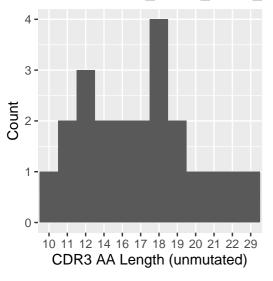
2 sequences assigned No exact matches.



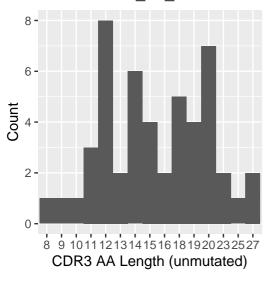
IGHV3-43\*01\_C246T\_A247T\_G248C\_A252G\_T256A\_C258G\_T279C\_A286G\_T288C\_C297G\_0



IGHV1-58\*02\_C86G\_T90C\_C104G\_T105C\_G107C\_G117T\_T150G\_G169A\_G185A\_C192G\_A204



IGHV6-1\*01\_02\_A315G





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