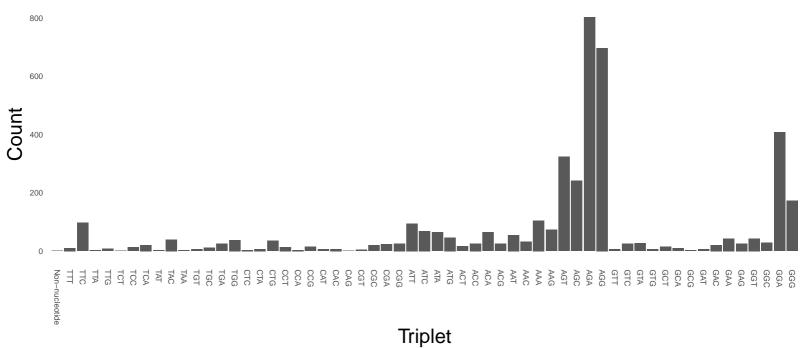
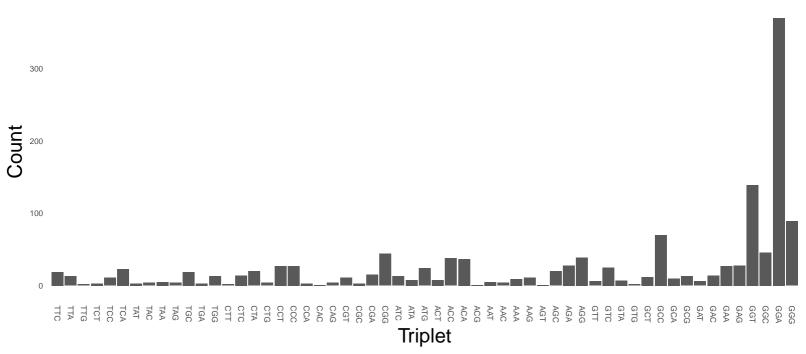
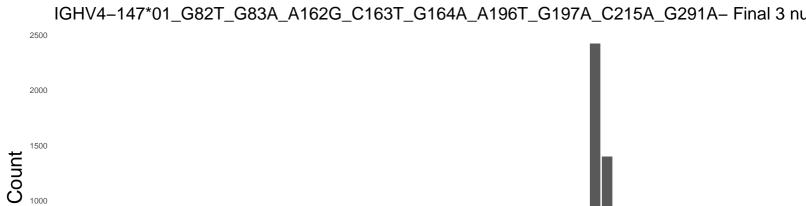


IGHV3-100*01_A132G- Final 3 nucleotides as a triplet

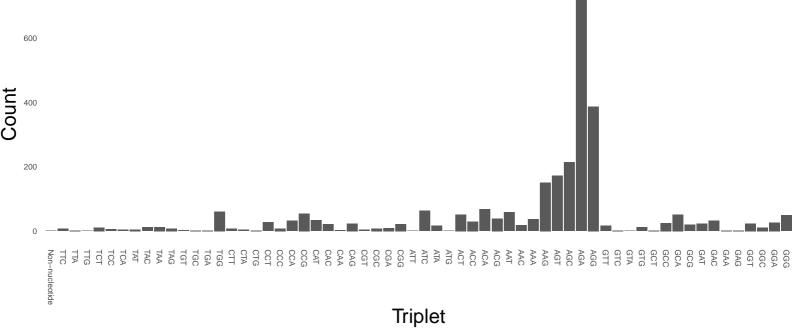


IGHV3-184*01_G106A_T109C_G297A- Final 3 nucleotides as a triplet





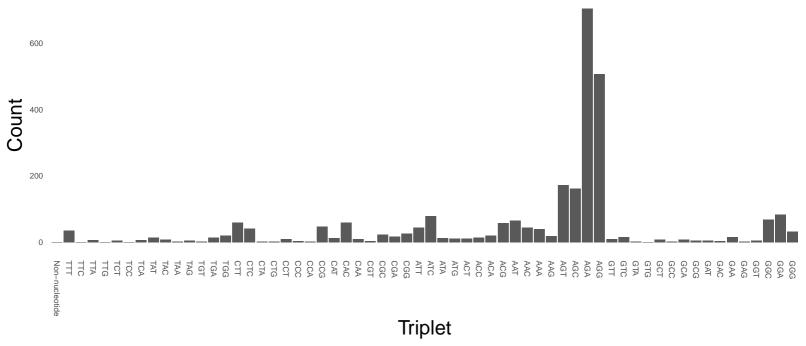
IGHV3-30*01_G174C_A188G_G189A_C264T- Final 3 nucleotides as a triplet



Triplet

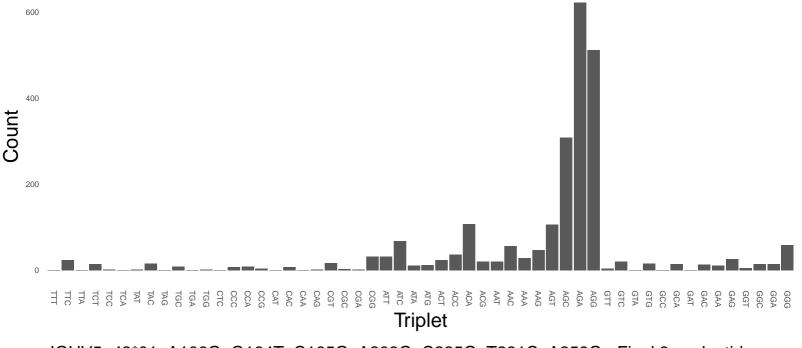
IGHV3-30*02_C141G- Final 3 nucleotides as a triplet

500

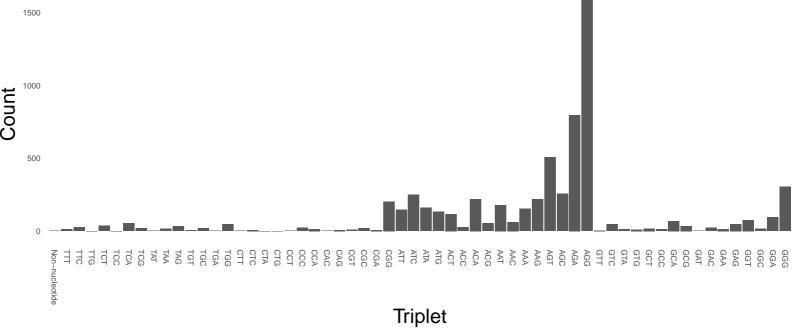


IGHV3-54*02_G170C- Final 3 nucleotides as a triplet **Triplet** IGHV3-54*02_T111C_G163A_G170A_G171T_A190C_G213C_A221G_T257C_G258A_A261G_T **Triplet** IGHV4-80*01_G70A_C90T_T109A_T189G_T196A_C263T- Final 3 nucleotides as a triplet 400 100 **Triplet**

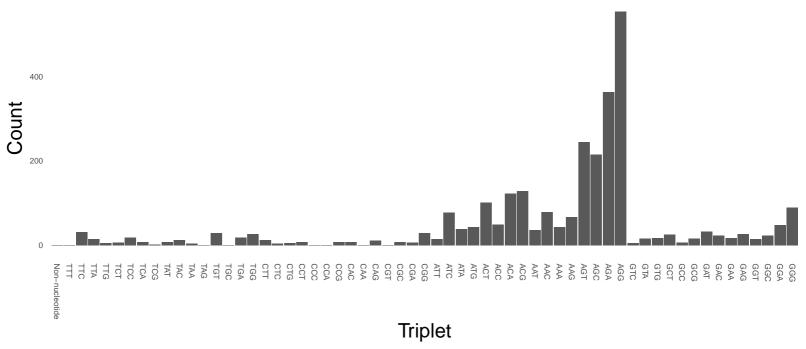
IGHV5-20*02_A141G_C312T- Final 3 nucleotides as a triplet



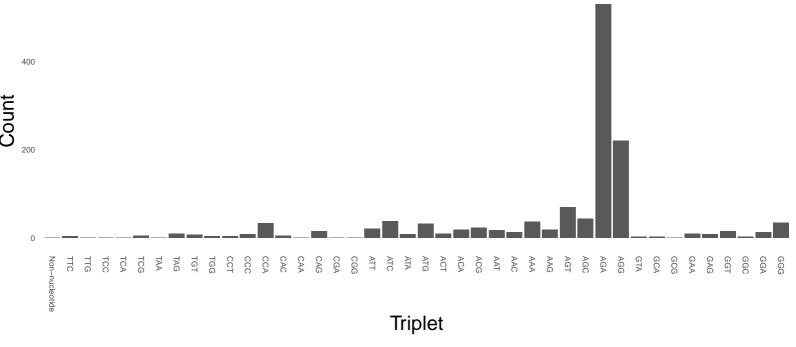
IGHV5-43*01_A106G_G164T_C165G_A203G_C225G_T231C_A259G- Final 3 nucleotides as a



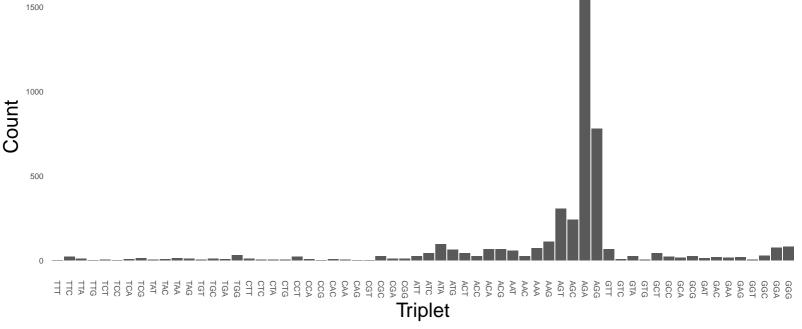
IGHV4-76*01_C34G_G103A_A244G_G286A- Final 3 nucleotides as a triplet



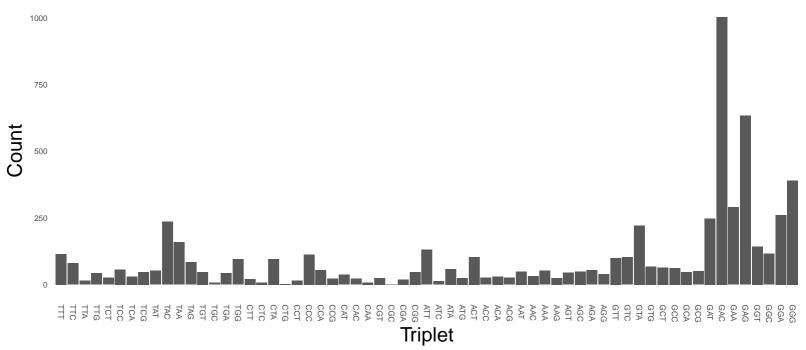
IGHV4-122*02_C87T_G103A_C133G_A169T- Final 3 nucleotides as a triplet



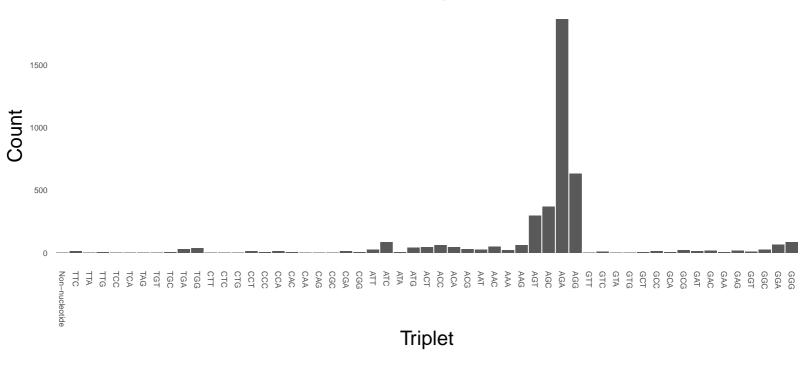
IGHV4S9*01_G15A_G21A_T106A_C108T_A176G_C188G_T263C_C297G- Final 3 nucleotides a

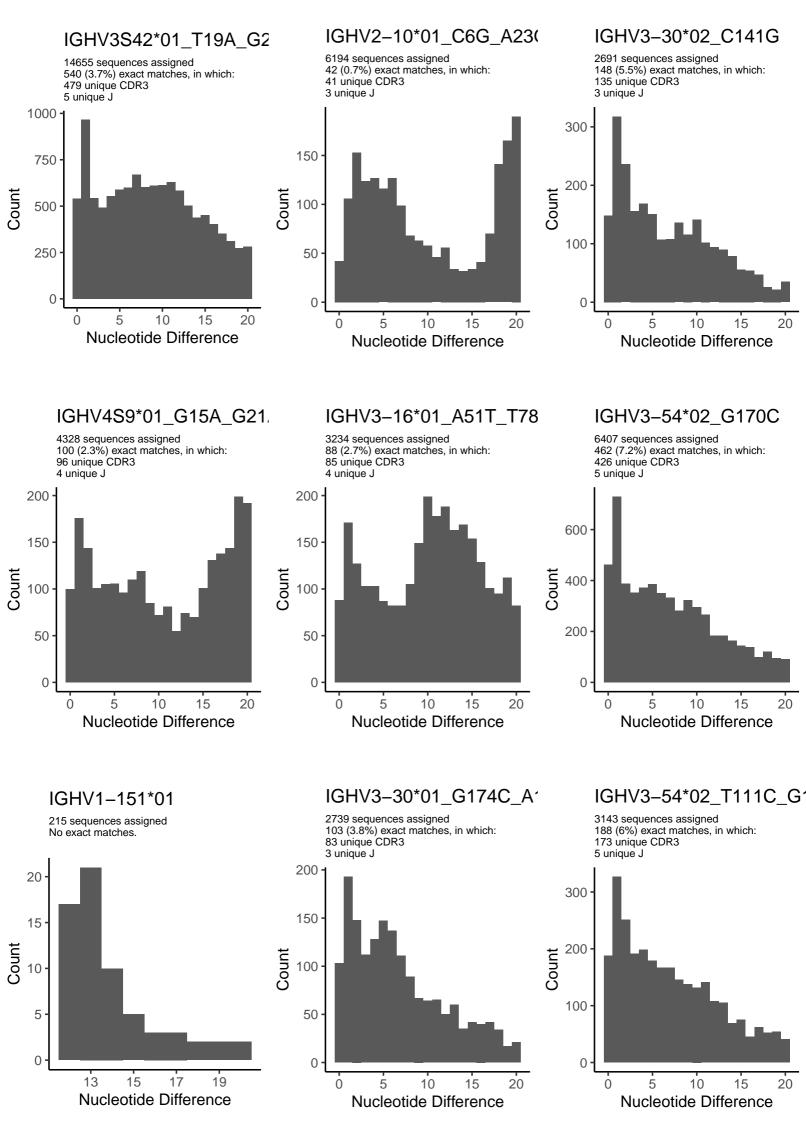


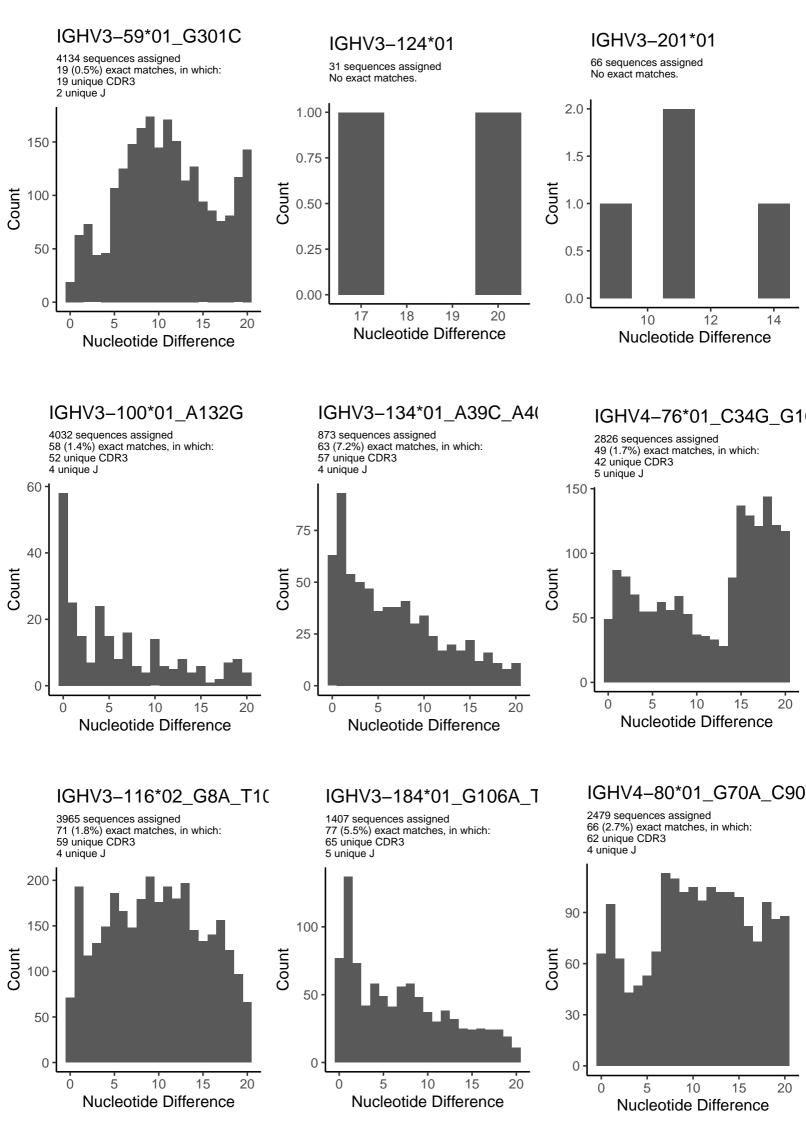
IGHV2-10*01_C6G_A23G_G112C_G118A_A119G_G121T_G141A_C201T_C205A_G210T_G22



IGHV3-59*01_G301C- Final 3 nucleotides as a triplet

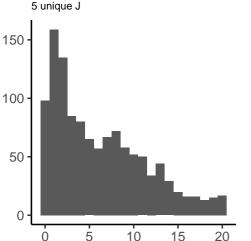






IGHV4-122*02_C87T_G1

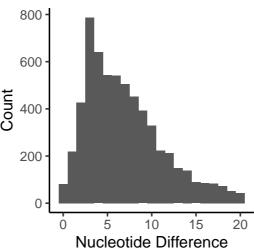
1298 sequences assigned 98 (7.6%) exact matches, in which: 94 unique CDR3



Count

IGHV5-43*01_A106G_G164T_C165G_A203G_C225G_T

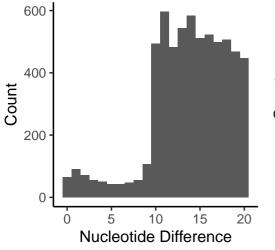
6268 sequences assigned 82 (1.3%) exact matches, in which: 70 unique CDR3 5 unique J



IGHV4-147*01_G82T_G8

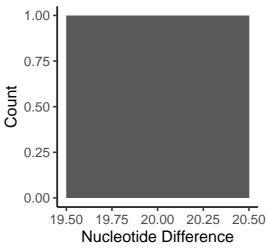
Nucleotide Difference

9736 sequences assigned 65 (0.7%) exact matches, in which: 63 ùniqué CDR3 5 unique J



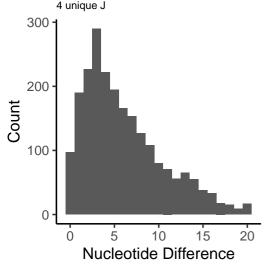
IGHV7-94*01

9 sequences assigned No exact matches.

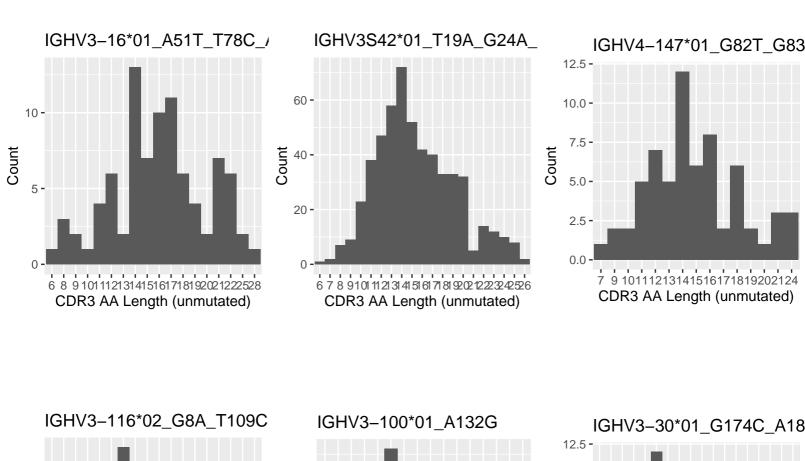


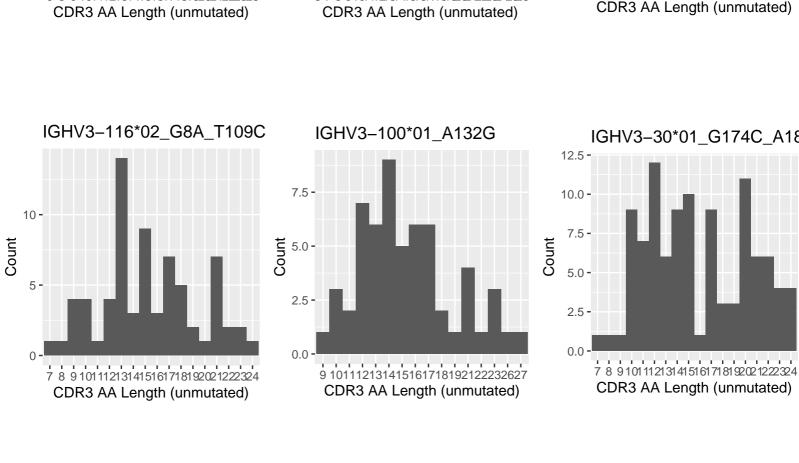
IGHV5-20*02_A141G_C312T

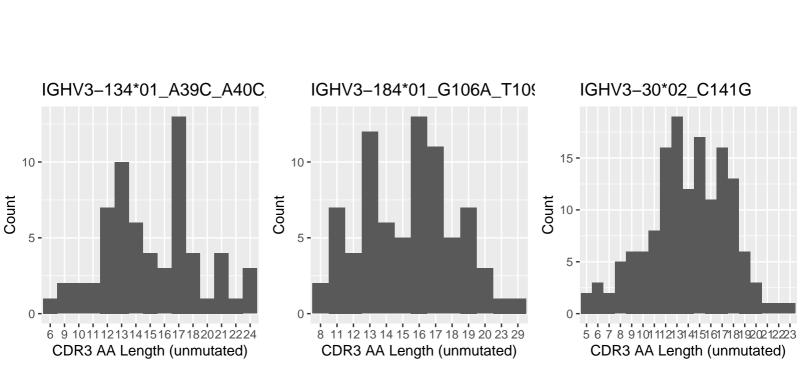
2375 sequences assigned 97 (4.1%) exact matches, in which: 91 unique CDR3

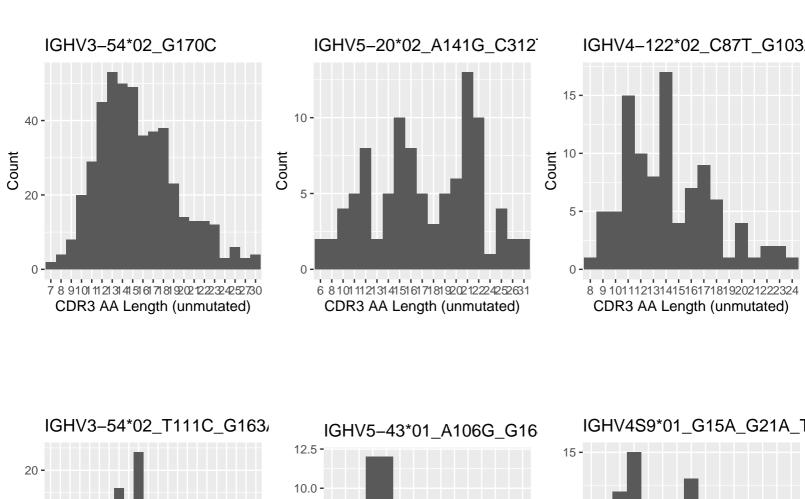


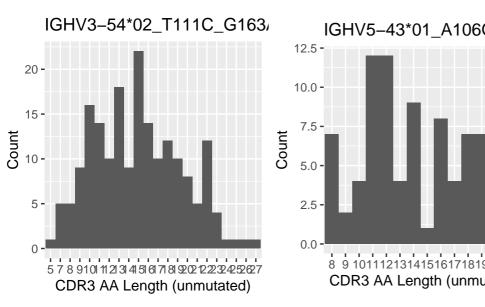
36T_G197A_C215A_G291A

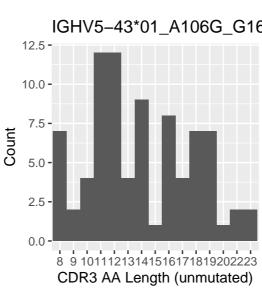


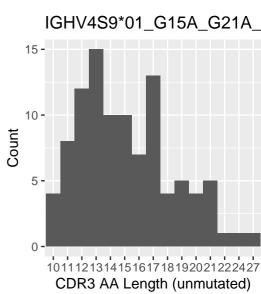


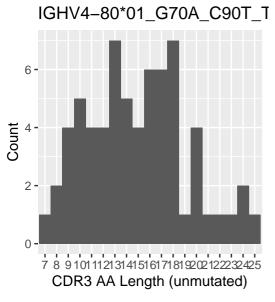


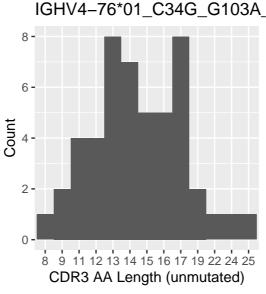


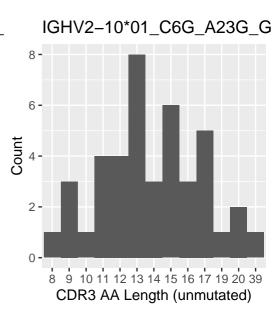


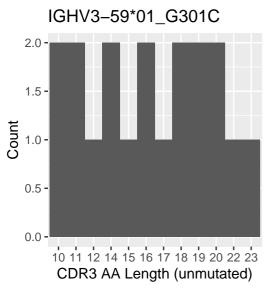














Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.