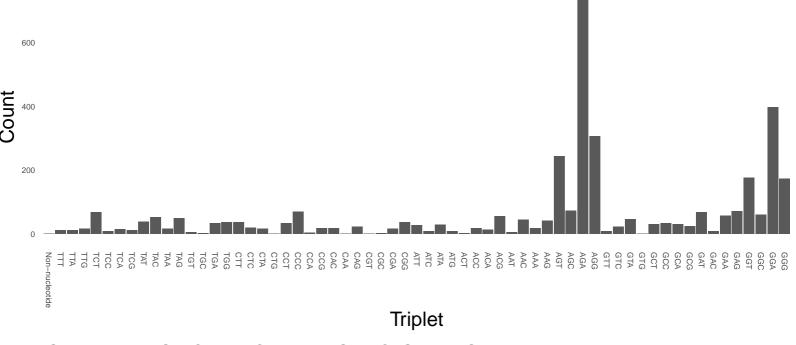


Gene IGHV2-10*01_C6G_A23G_G112C_G118A_A119G_G121T_G141A_G164T_C205A 1000 Count 500 Position Gene IGHV2-95*01_A48G 900 Count 600 300 Position Gene IGHV3-59*01_T21C_C69T_T78C_T112A_C130G_C163G_A172T_G175A_G176C 2000 -1500 Count 1000 500 Position

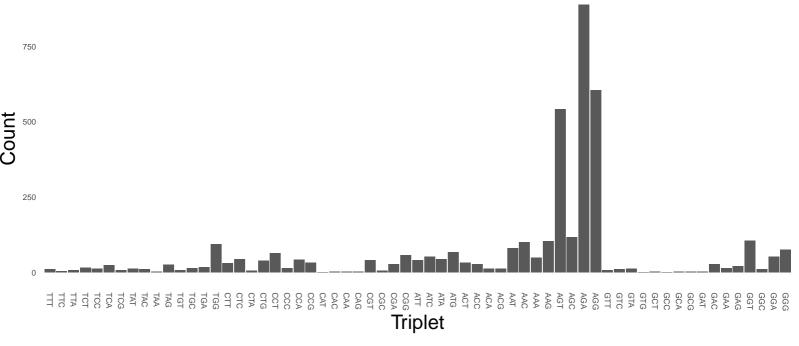
Gene IGHV4-165*02_C133A_C135A_G240A 6000 С Count 4000 G Т Ν 2000 Position Gene IGHV4S13*01_T85A_G267A_G289A 1500 С Count 1000 G 500

Position

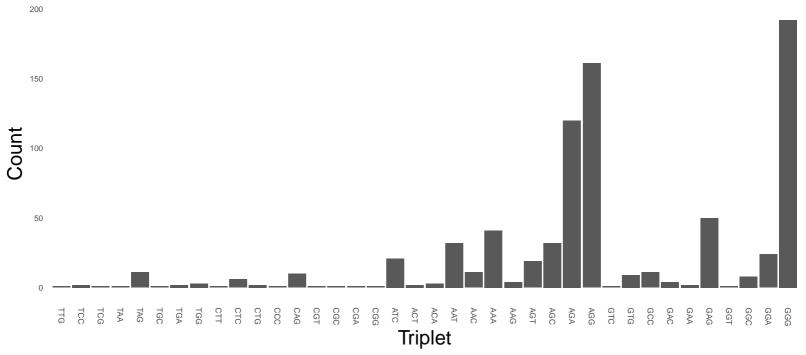
IGHV3-16*01_A51T_T78C_A119G_C264T- Final 3 nucleotides as a triplet



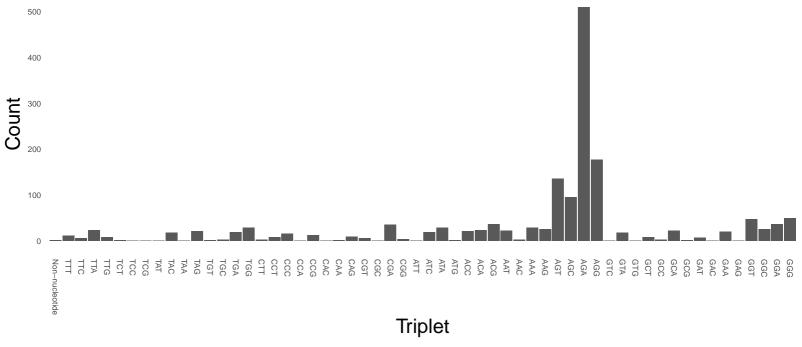
IGHV3-30*01_G48C_T110C_A152T_G174C_G181A_G207A- Final 3 nucleotides as a triplet



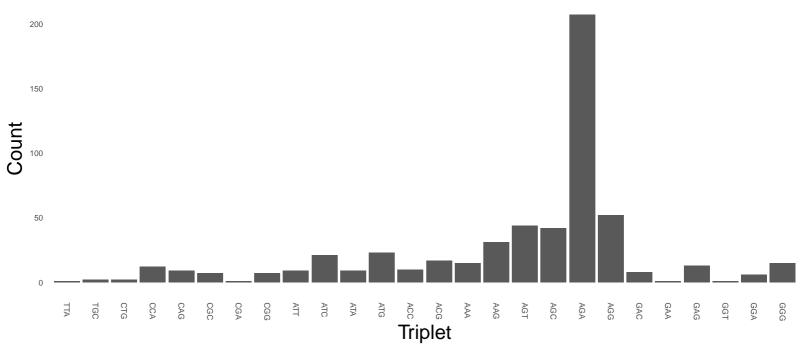
IGHV3-54*02_T78C_T111C_A284G_T286G_C296T- Final 3 nucleotides as a triplet



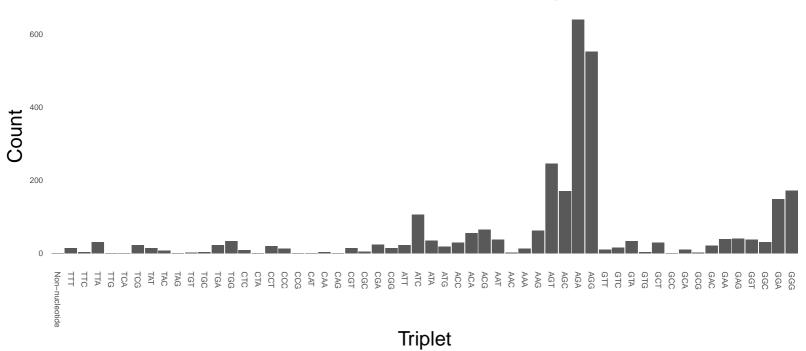
IGHV3-134*01_G87C_A256T_A258C_A263T_T301G- Final 3 nucleotides as a triplet



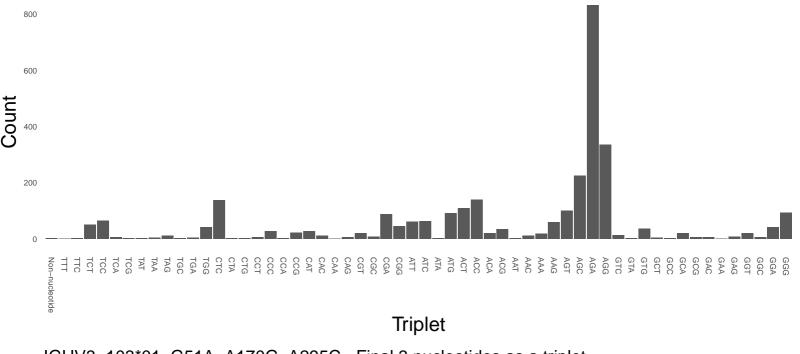
IGHV1-138*01_T86C_C233T_G249C- Final 3 nucleotides as a triplet



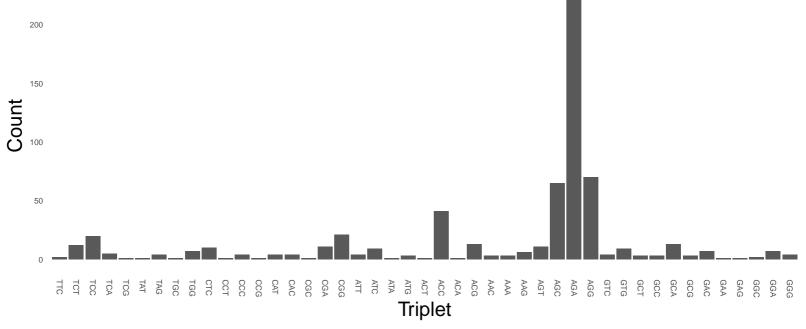
IGHV3-100*01_G3C_A132G_C194T- Final 3 nucleotides as a triplet



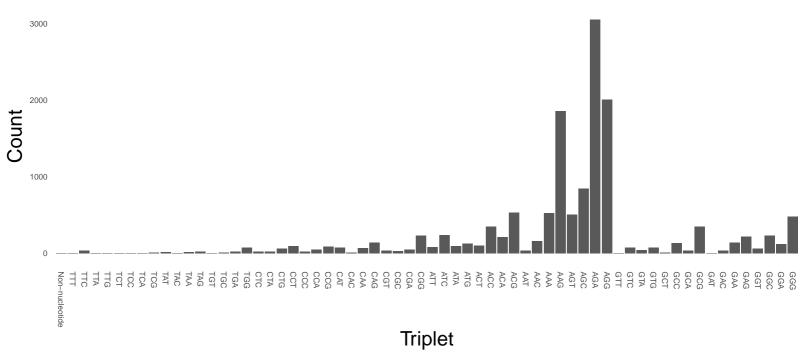
IGHV3-103*01_G51A_A170G- Final 3 nucleotides as a triplet



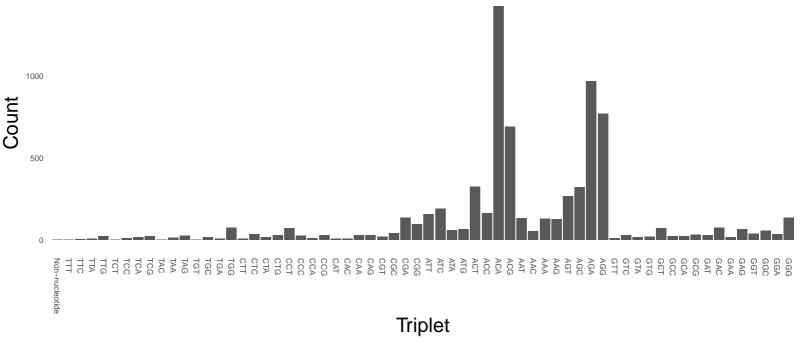
IGHV3-103*01_G51A_A170G_A295C- Final 3 nucleotides as a triplet



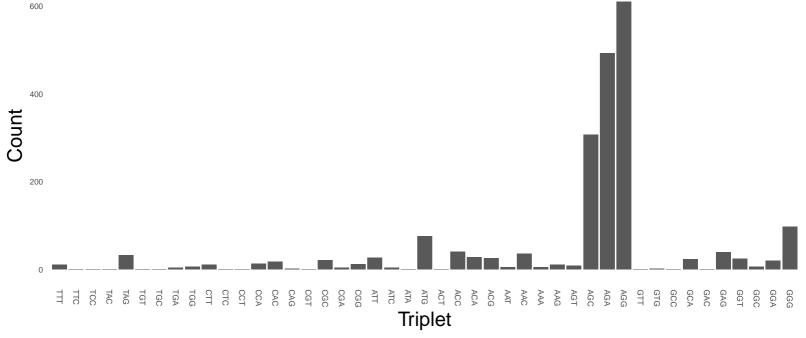
IGHV3S42*01_C38T_A39C_A40C_C111T_T112G_G114C_A118T_T120C_A133G_C210T- Final



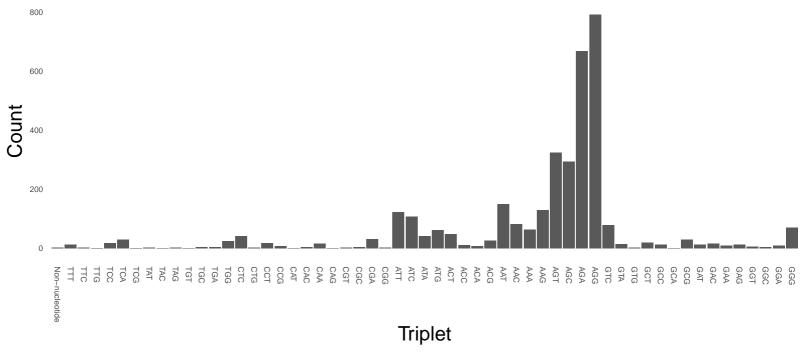
IGHV4-122*01_T87C_A100G_C165T_G239T- Final 3 nucleotides as a triplet



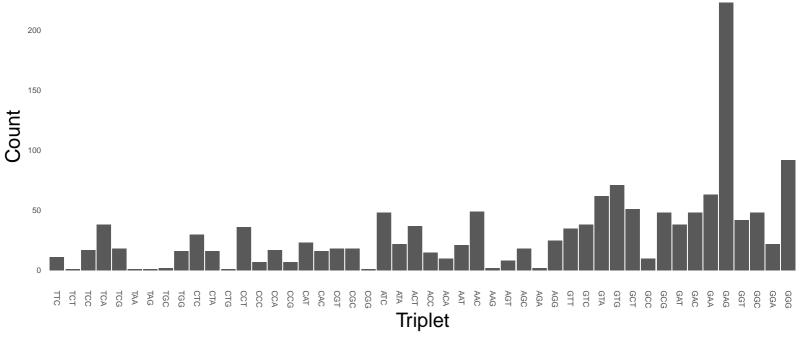
IGHV5-20*02_A59G_A141G_C312T- Final 3 nucleotides as a triplet



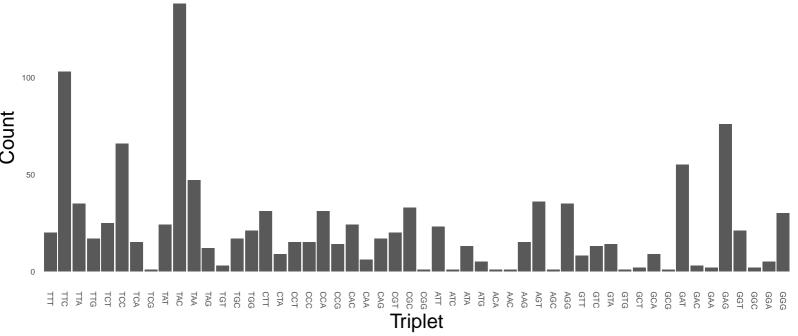
IGHV5-43*01_A109T_G110A_G164T_C165G_A203G_C225G_T231C_A259G- Final 3 nucleotide



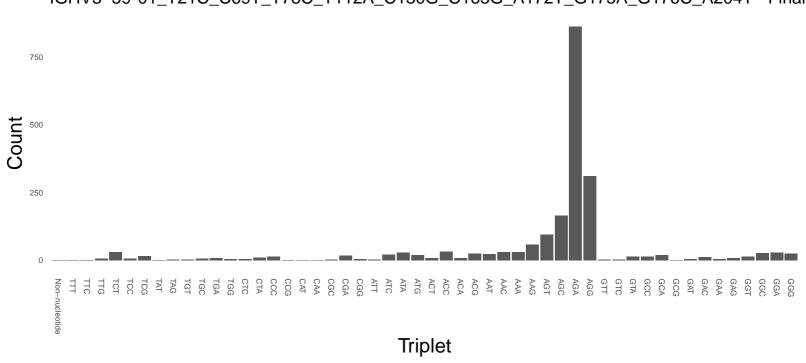
IGHV2-10*01_C6G_A23G_G112C_G118A_A119G_G121T_G141A_G164T_C205A_G210T- Final

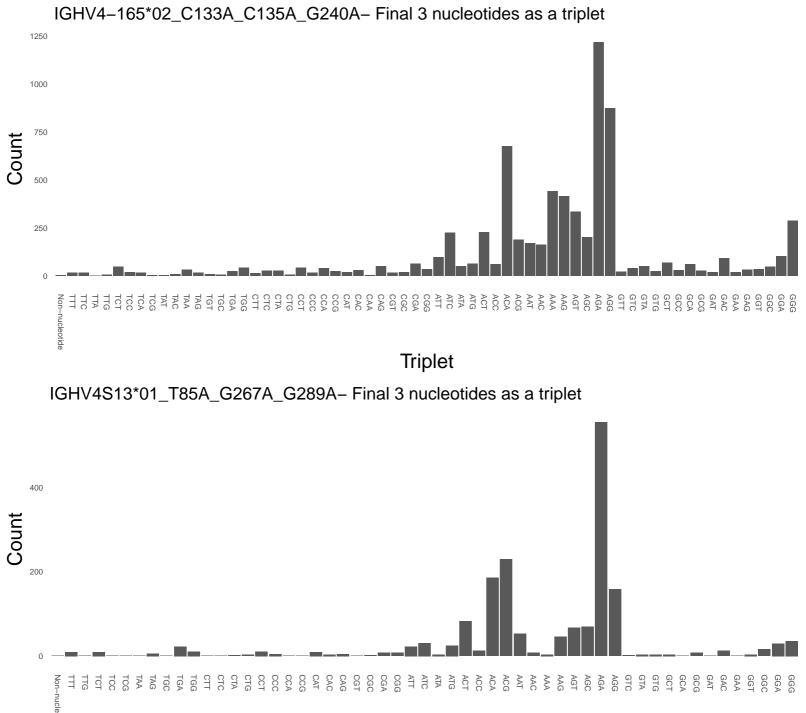


IGHV2-95*01_A48G- Final 3 nucleotides as a triplet

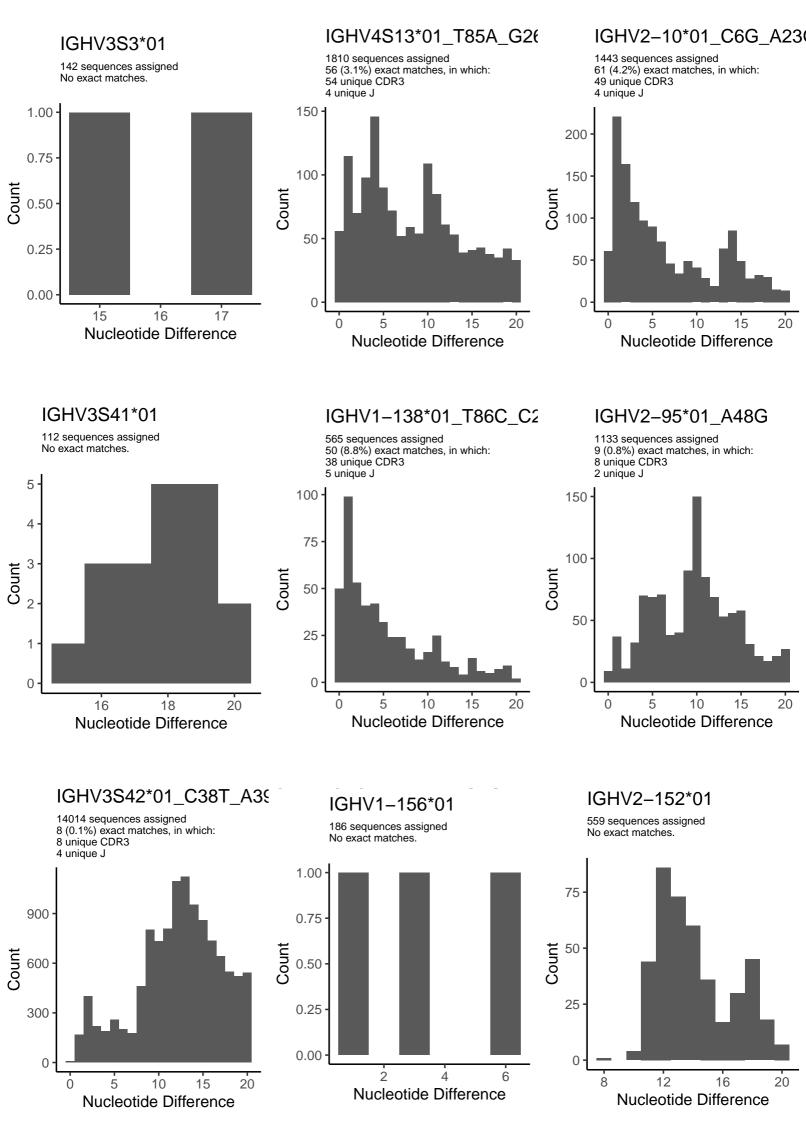


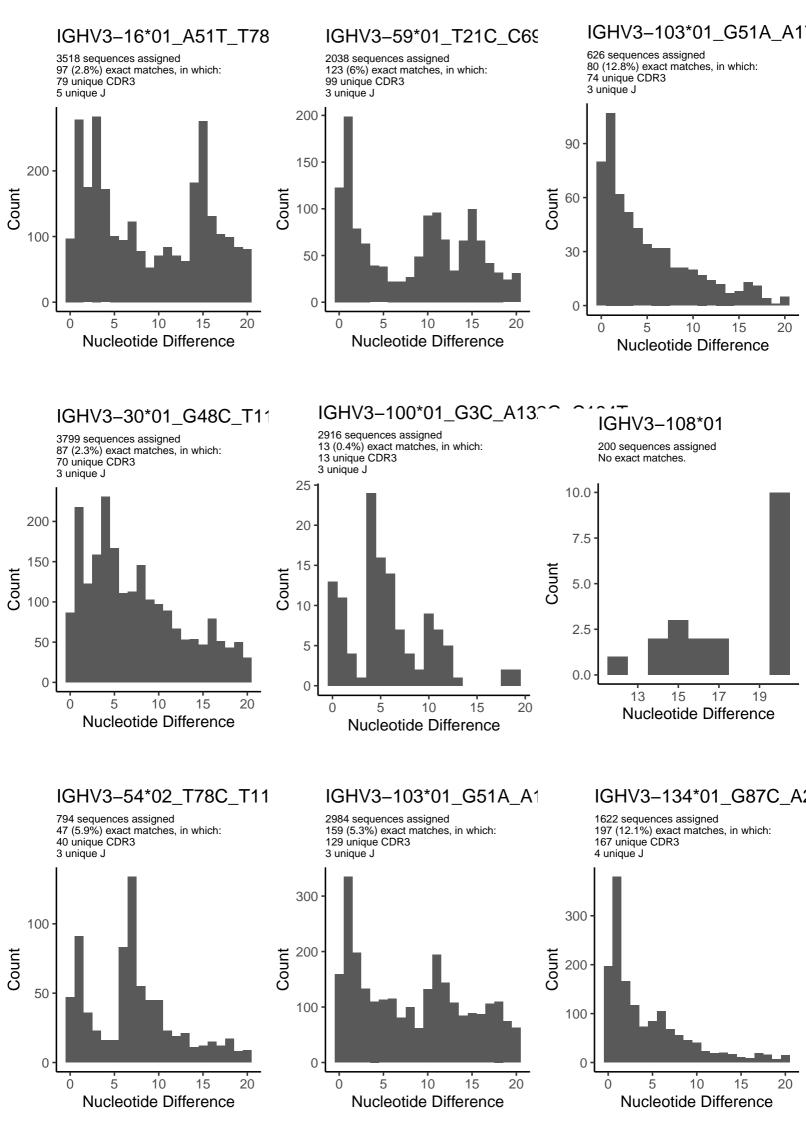
IGHV3-59*01_T21C_C69T_T78C_T112A_C130G_C163G_A172T_G175A_G176C_A204T- Final

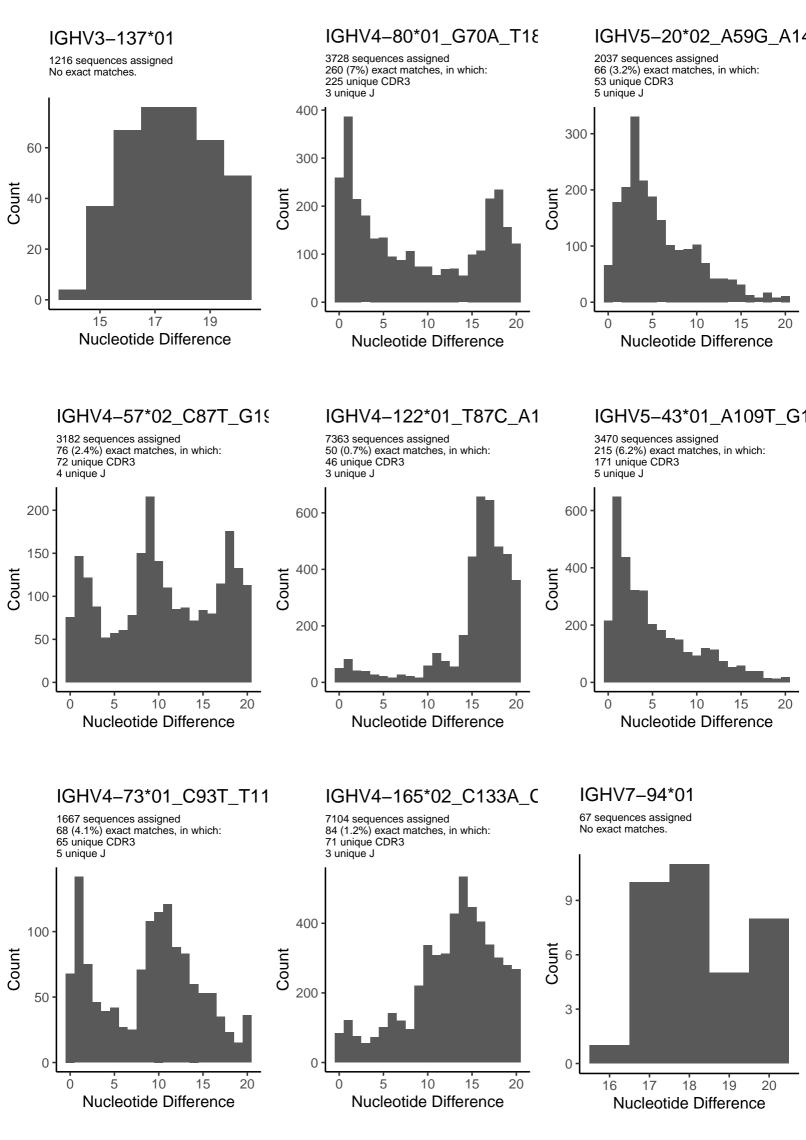


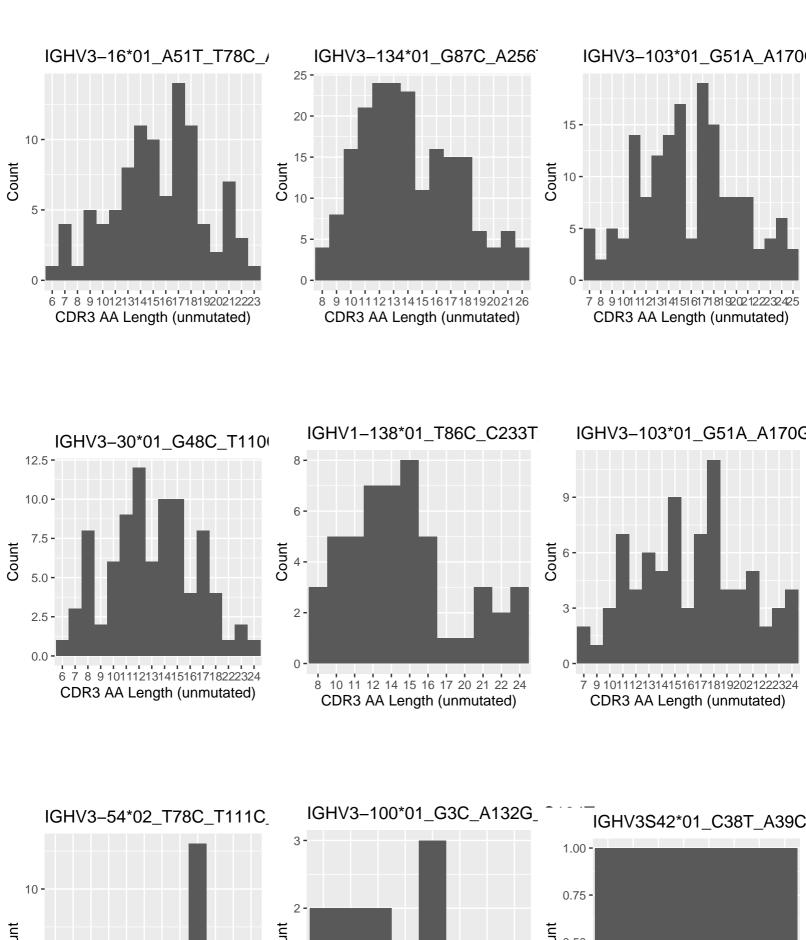


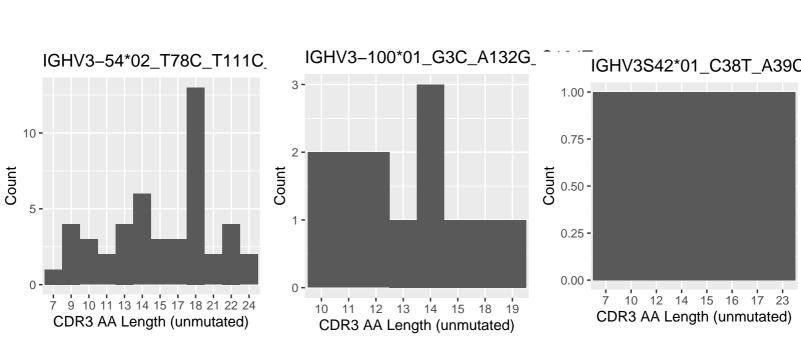
Triplet

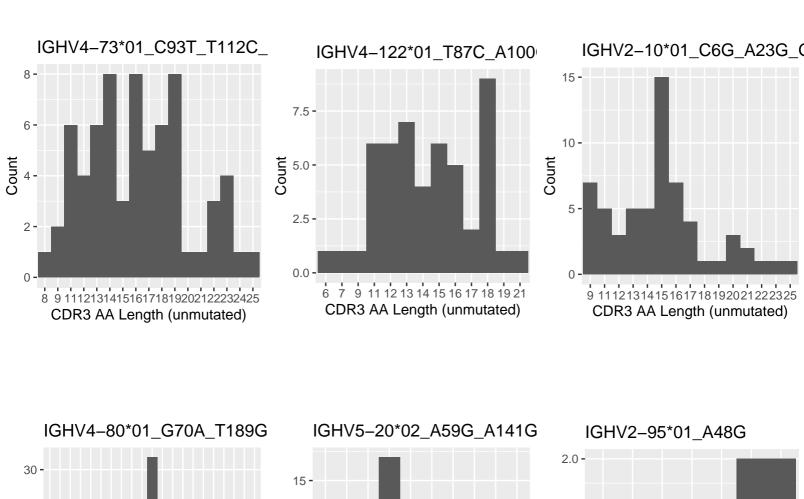


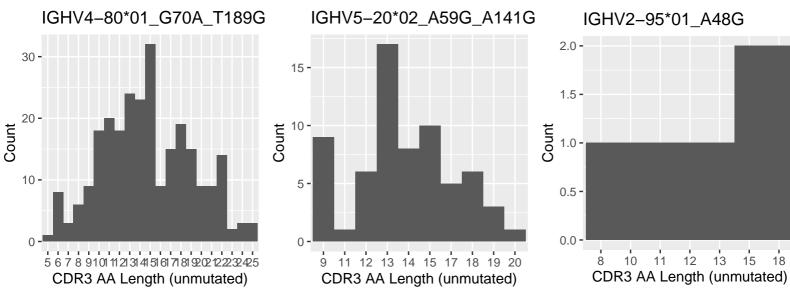


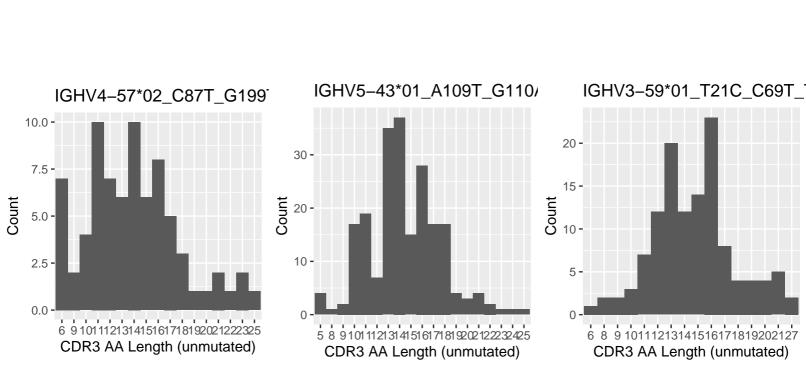




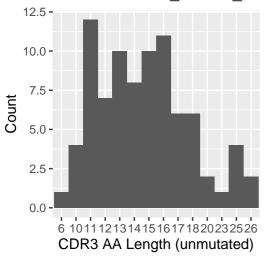




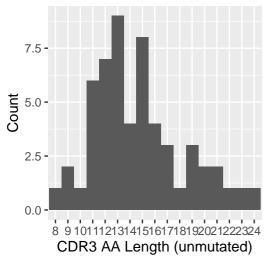




IGHV4-165*02_C133A_C135A_G240A



IGHV4S13*01_T85A_G267A_G289A





Warning – no inferred sequences found.

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Warning – no inferred sequences found.