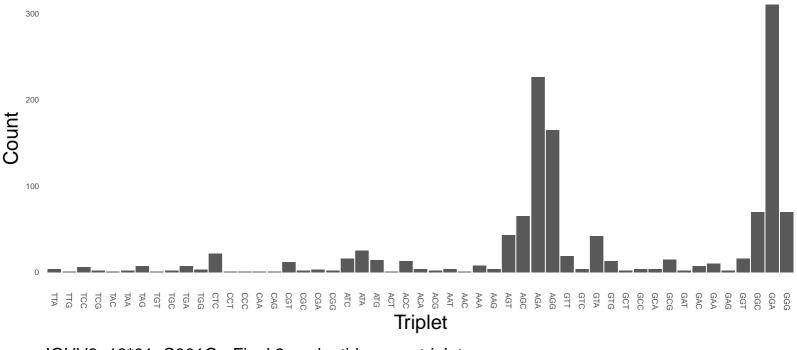


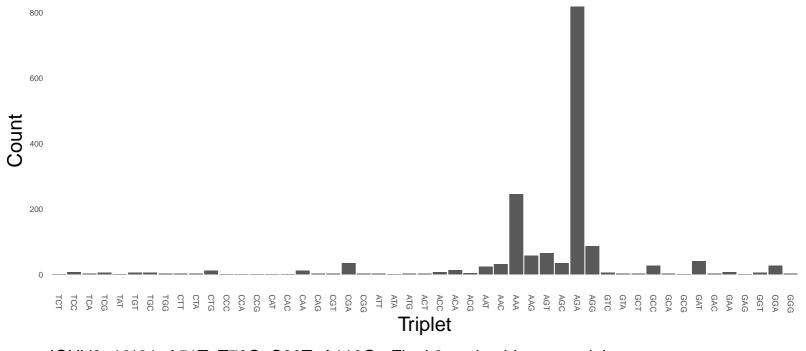
Gene IGHV2-95*01_C6G_C36G_A103T 750 -С Count 500 G Т Ν 250 Position Gene IGHV2-95*01_C6G_C36G_A103T_G289T 300 Count Count С G Т Ν 100

Position

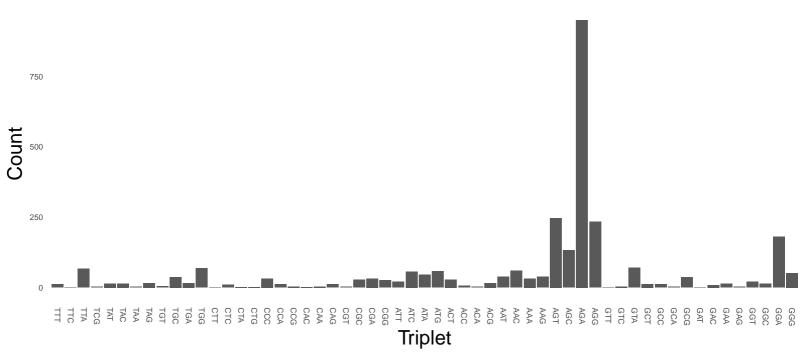
IGHV3-184*01_G106A_T109C_G297A- Final 3 nucleotides as a triplet

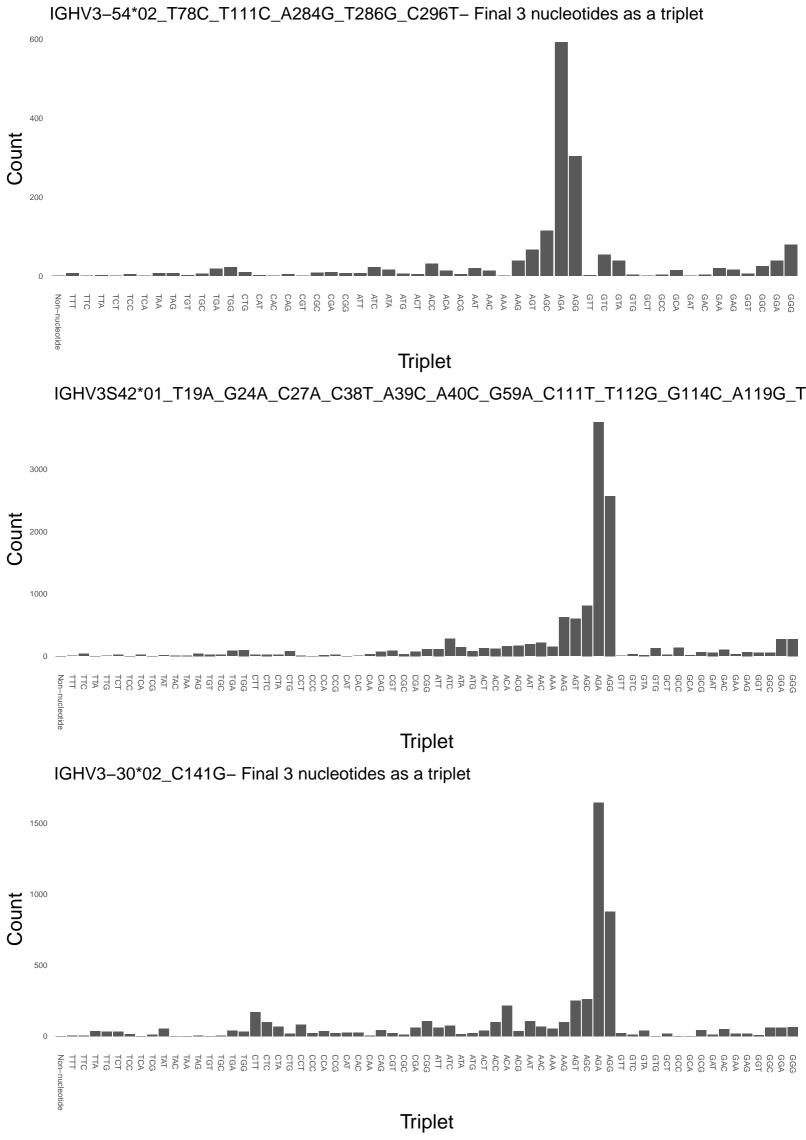


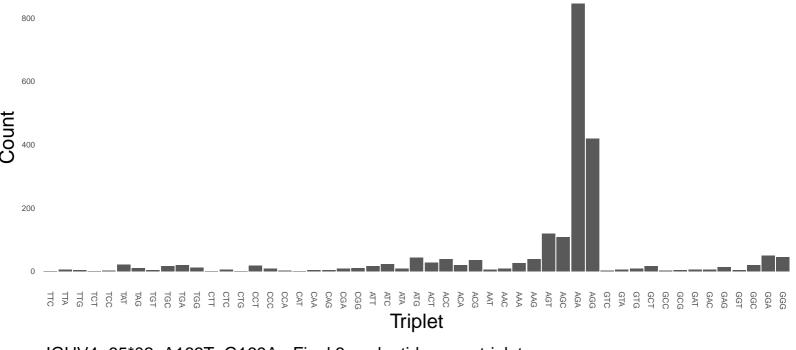
IGHV3-13*01_C301G- Final 3 nucleotides as a triplet



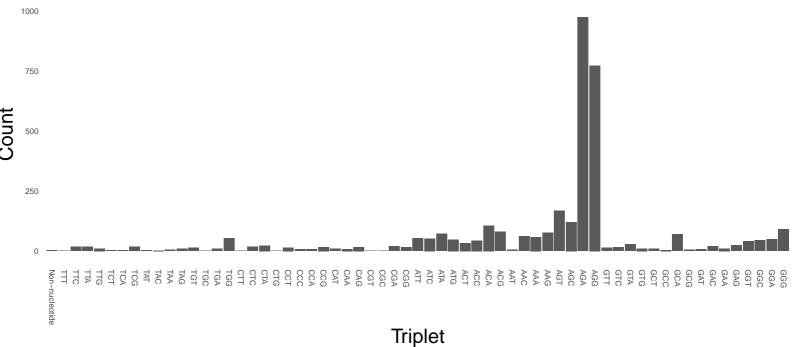
IGHV3-16*01_A51T_T78C_C90T_A119G- Final 3 nucleotides as a triplet



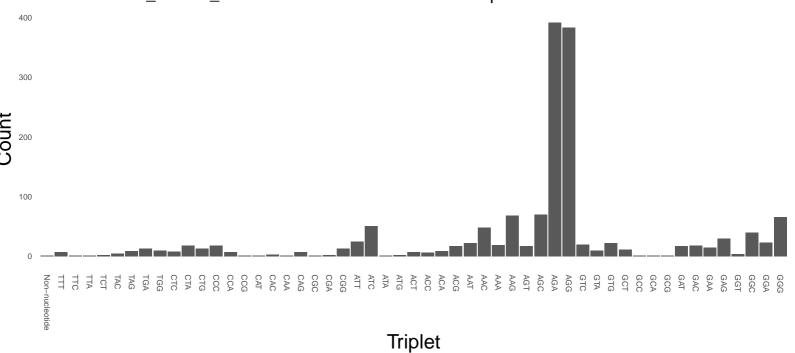




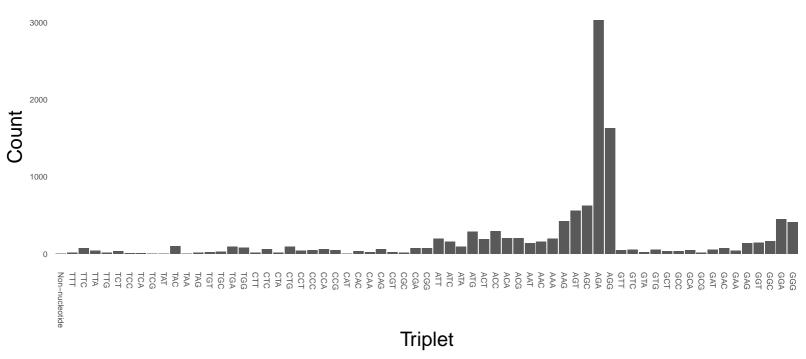
IGHV4-65*02_A163T_G169A- Final 3 nucleotides as a triplet



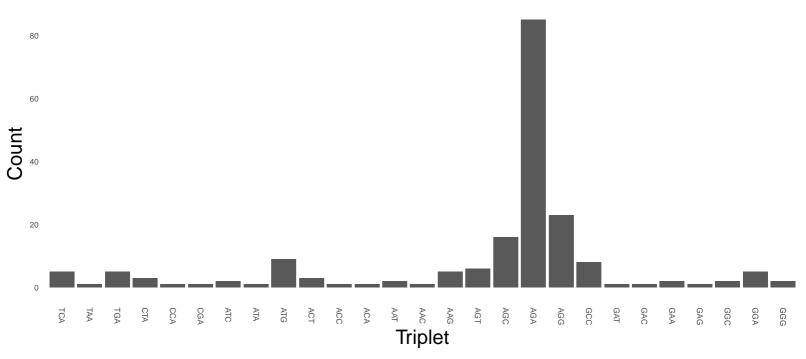
IGHV5-20*01_A203G_G259A- Final 3 nucleotides as a triplet



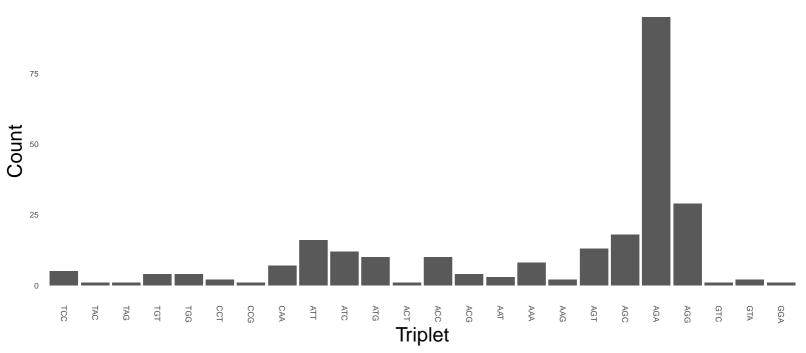
IGHV3-103*01_G24A_C27A_C38T_A39C_A40C_C113G_T114C_C118A_A119G_G163T_C164A



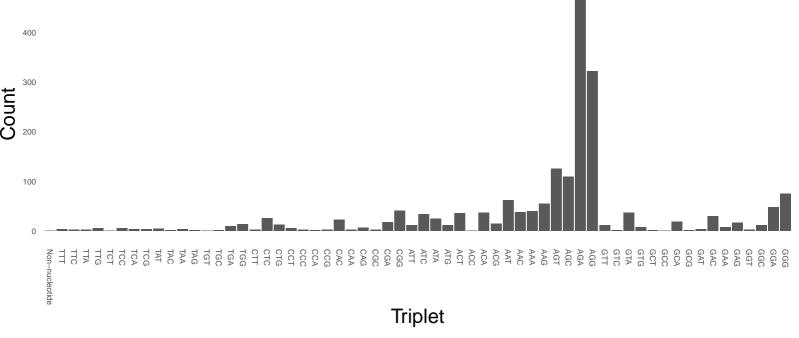
IGHV4-73*01_G147A_T163A_C168T_T169G- Final 3 nucleotides as a triplet



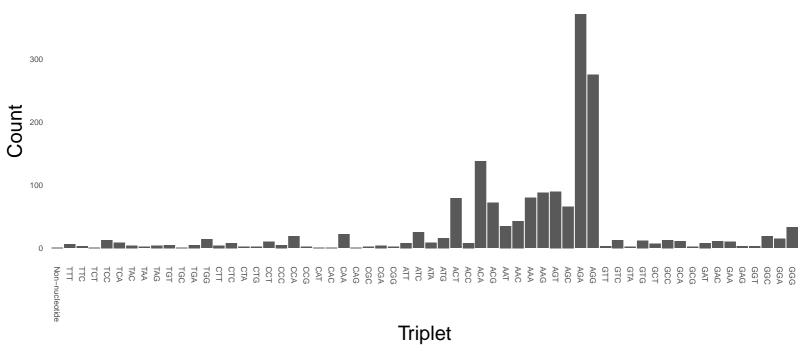
IGHV4-81*01_C4G_G21A_A27T_T255C- Final 3 nucleotides as a triplet



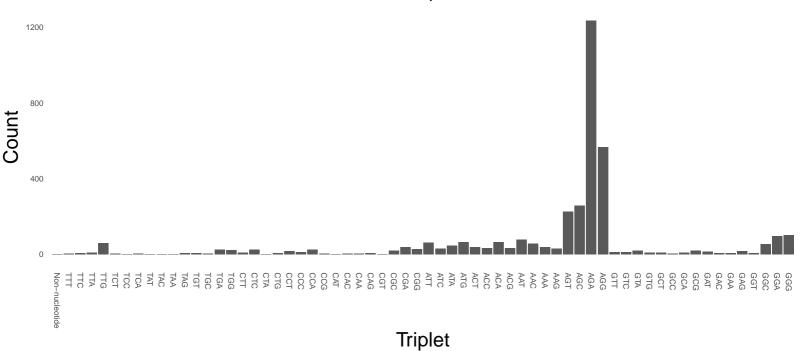
IGHV4-147*01_G82T_G83A_A162G_C163T_G164A_A196T_G197A_C215A_G291A- Final 3 nu

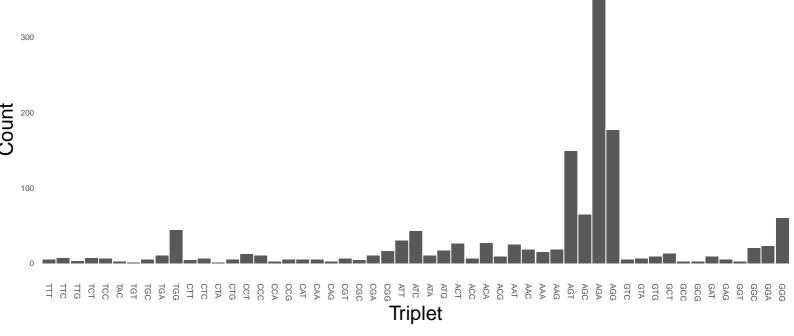


IGHV4-165*01_A132G_G147A_A175G_T196G_C198A_C239G- Final 3 nucleotides as a triplet

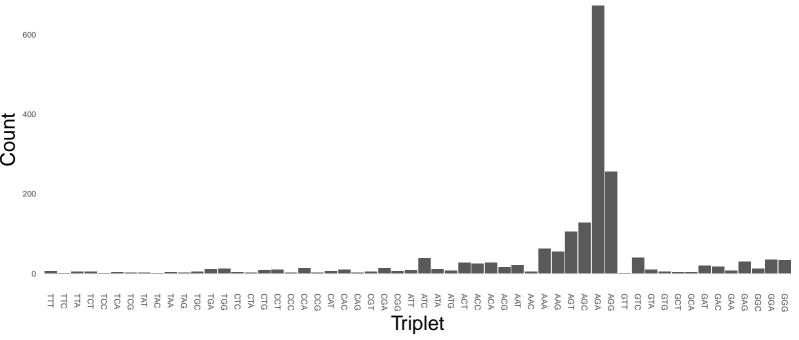


IGHV4-173*01_C4G- Final 3 nucleotides as a triplet

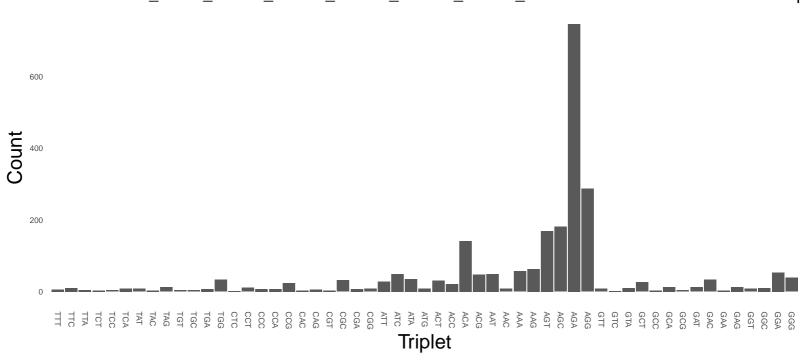




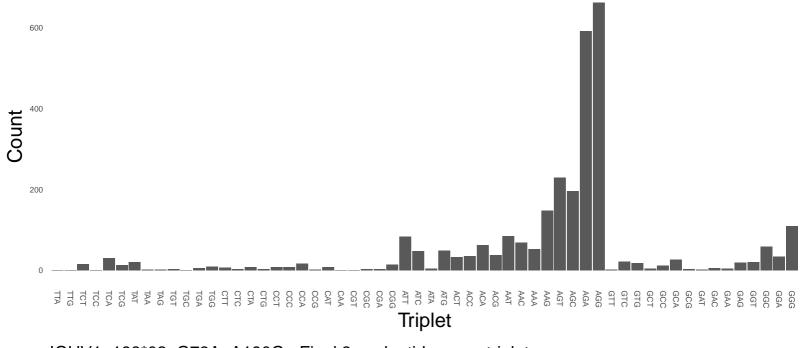
IGHV4S13*01_G34C_G103A_T106A_A110G_C111G_G144A_C265T- Final 3 nucleotides as a tr



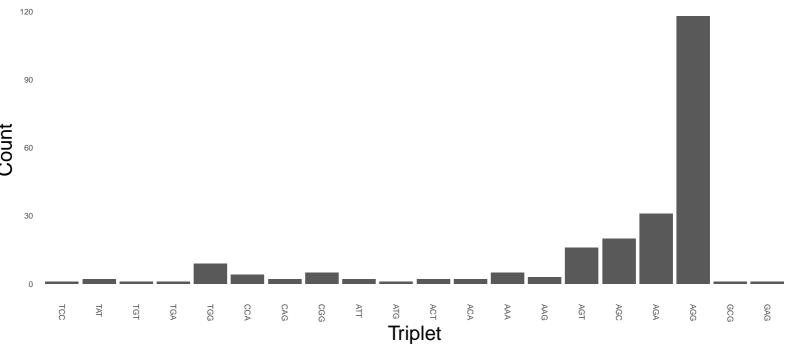
IGHV4S9*01_G21A_T106A_C108T_A176G_C188G_T263C_C297G- Final 3 nucleotides as a trip



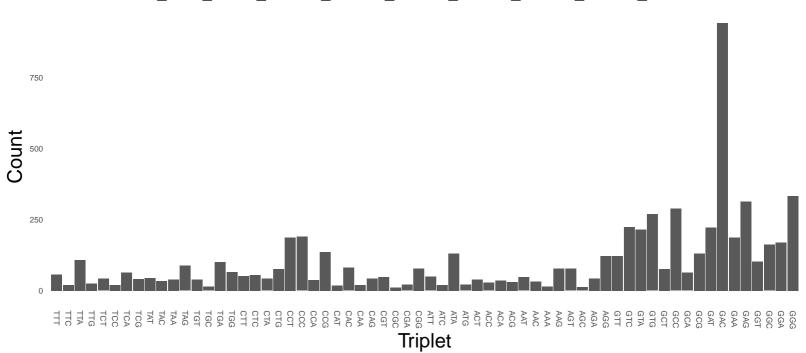
IGHV5-43*01_A109T_G110A_G164T_C165G_A203G_C225G_T231C- Final 3 nucleotides as a t



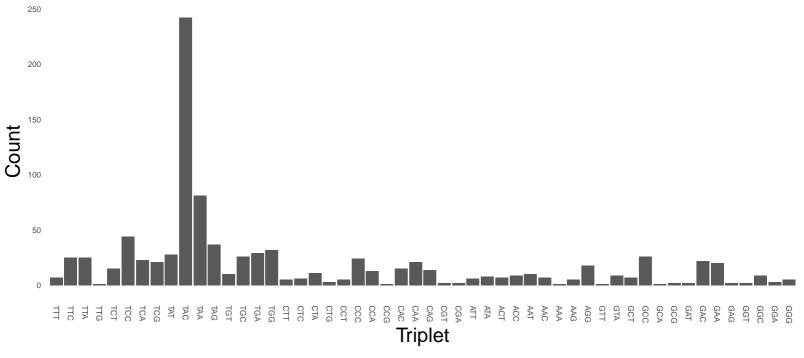
IGHV1-198*02_G73A_A190G- Final 3 nucleotides as a triplet



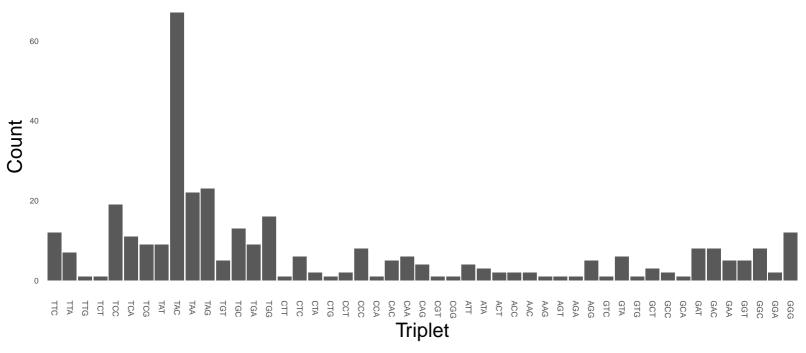
IGHV2-10*01_C6G_A23G_G112C_G118A_A119G_G121T_G141A_C205A_G210T- Final 3 nucle

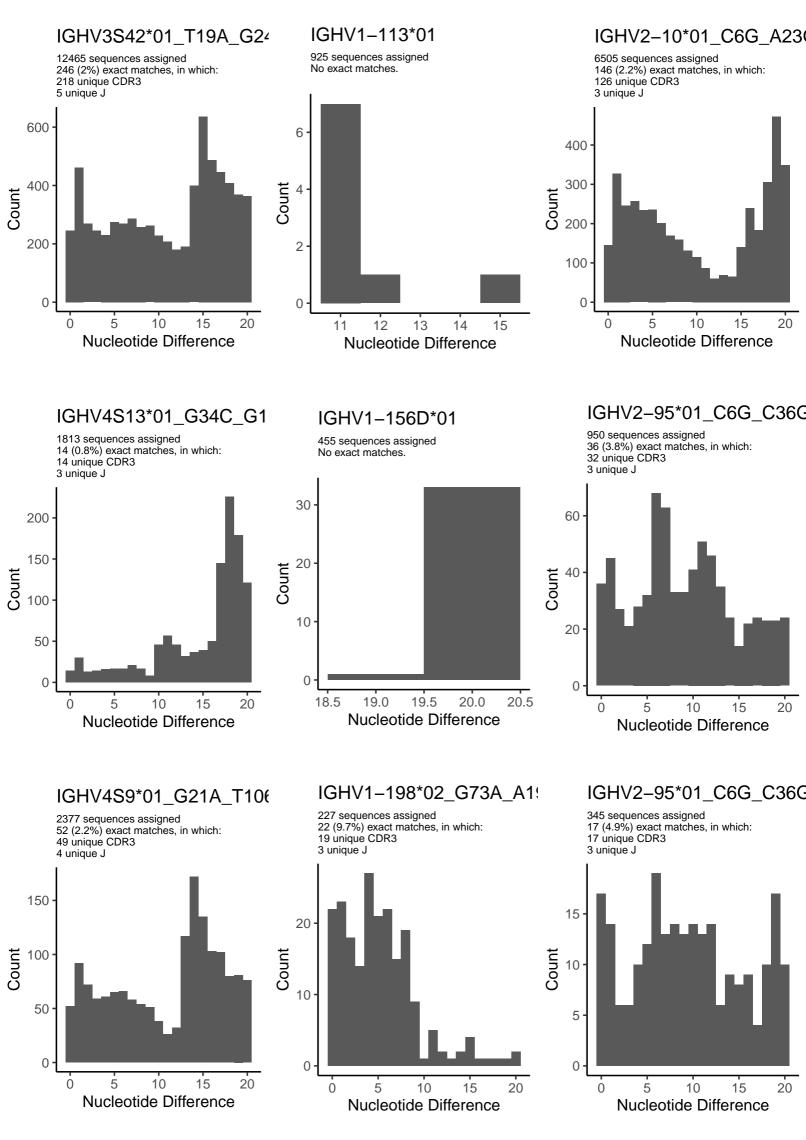


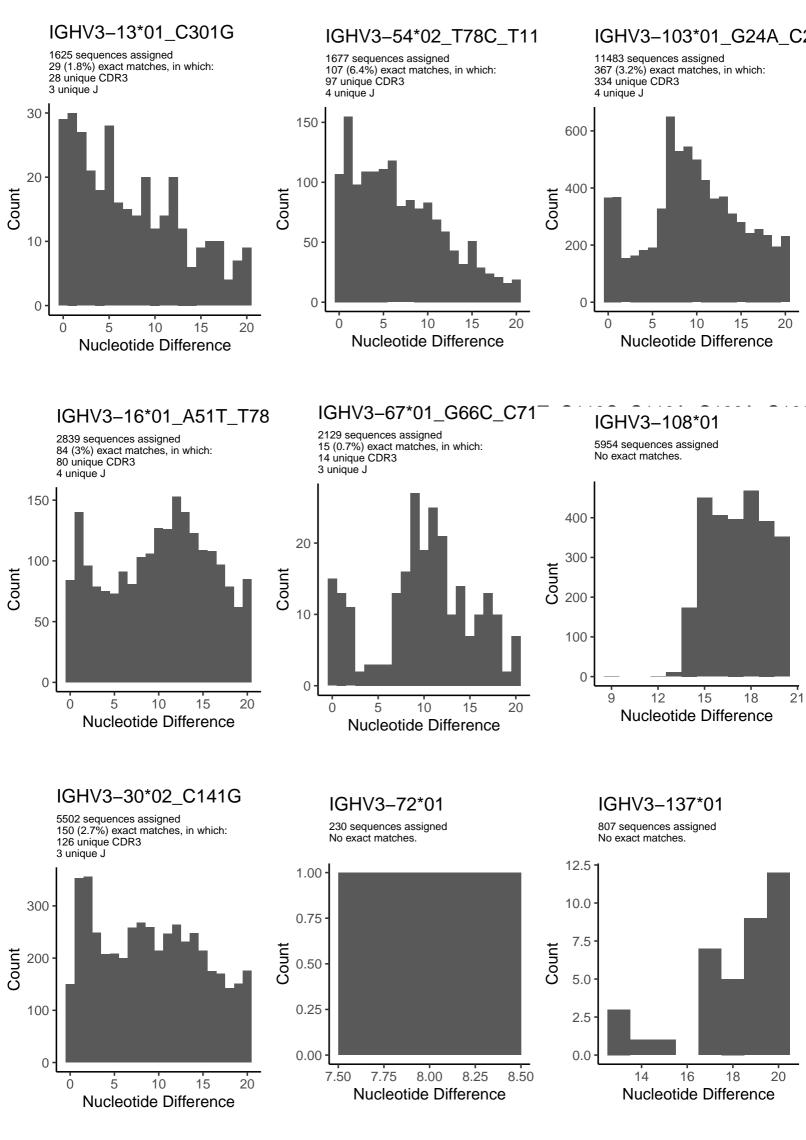
IGHV2-95*01_C6G_C36G_A103T- Final 3 nucleotides as a triplet

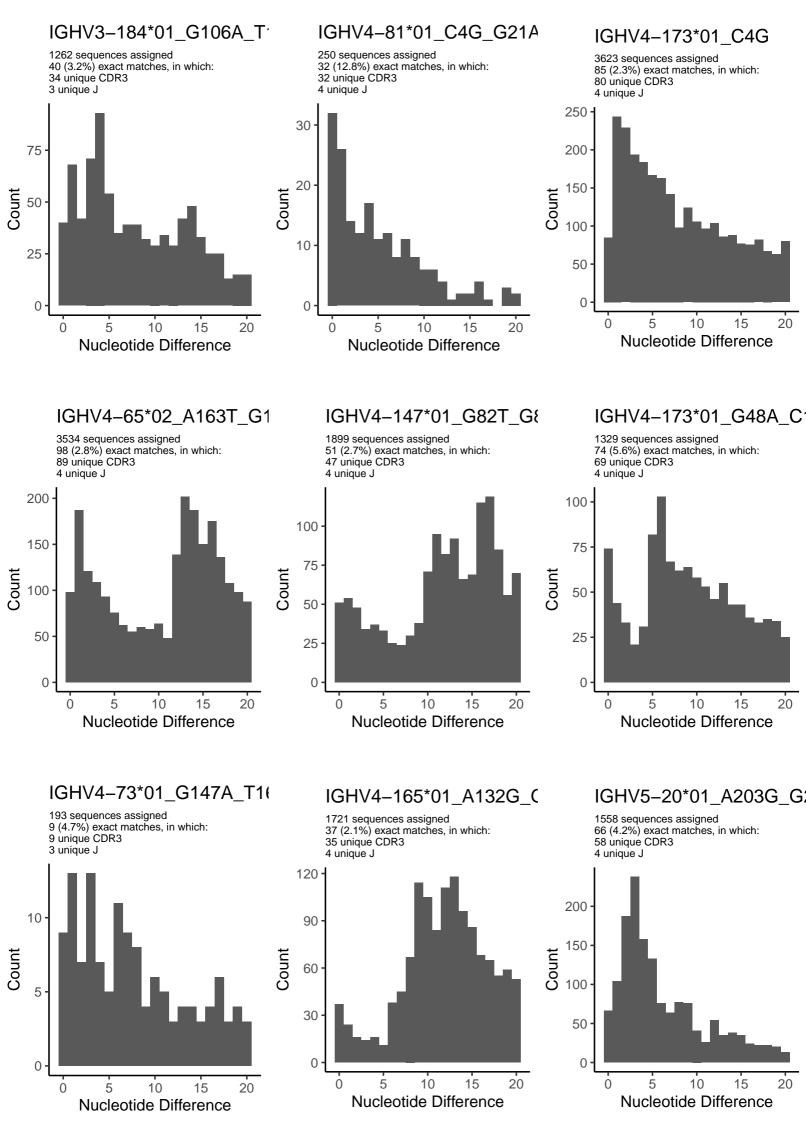


IGHV2-95*01_C6G_C36G_A103T_G289T- Final 3 nucleotides as a triplet



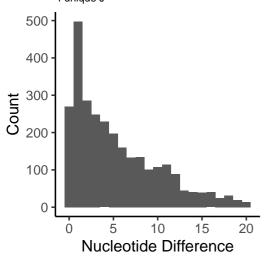






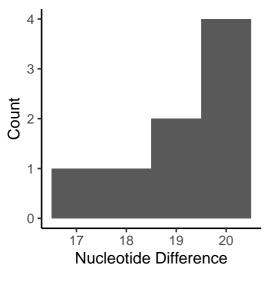
IGHV5-43*01_A109T_G110A_G164T_C165G_A203G_C225G_T231C

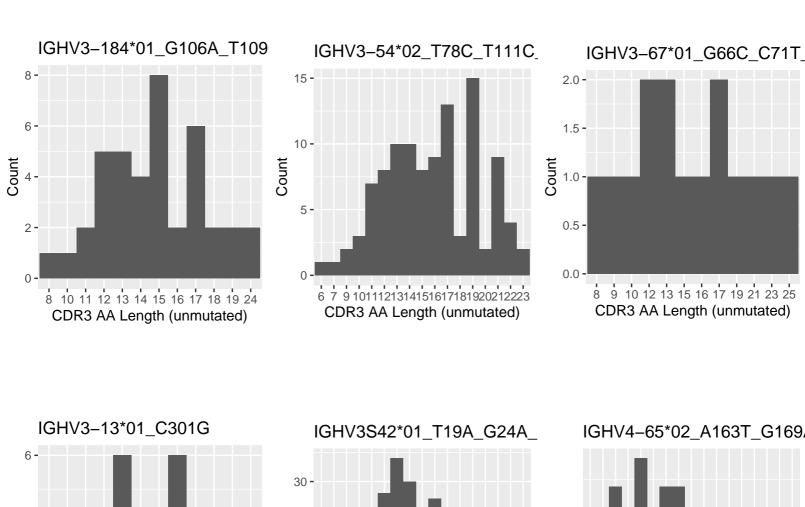
2917 sequences assigned 270 (9.3%) exact matches, in which: 227 unique CDR3 4 unique J

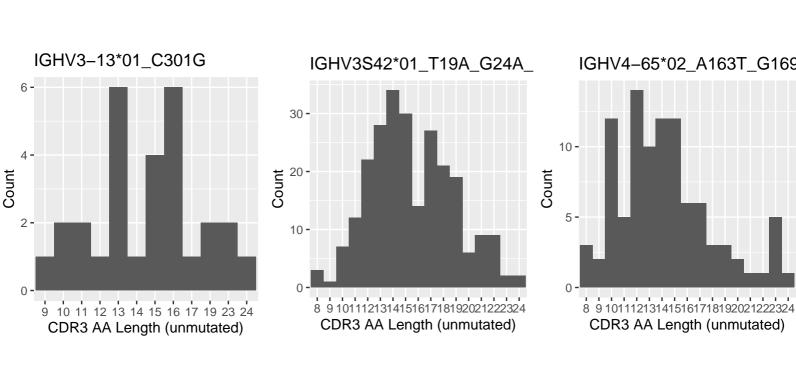


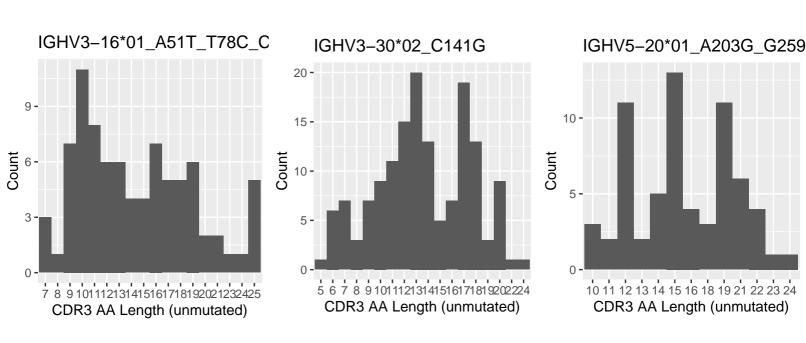
IGHV7-94*01

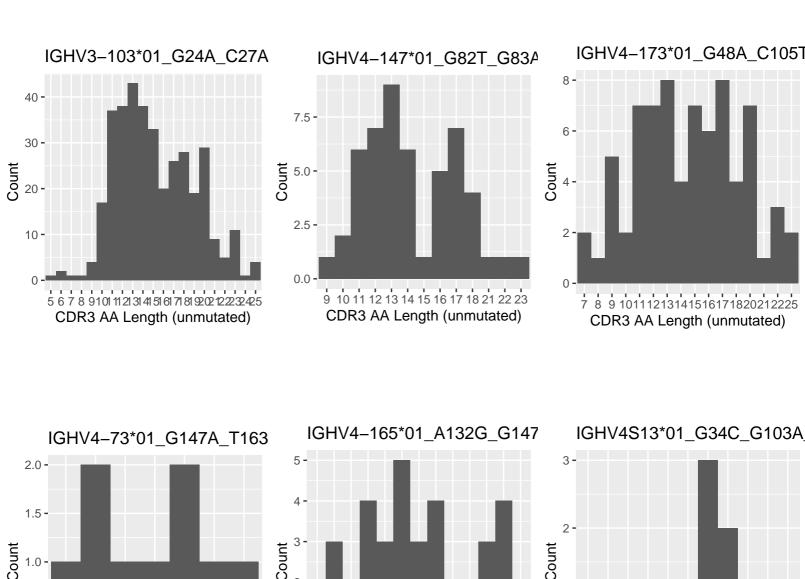
27 sequences assigned No exact matches.

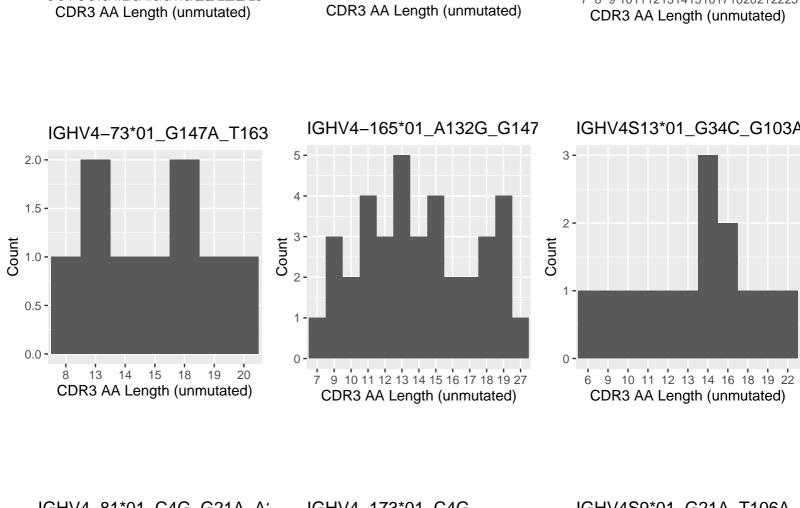


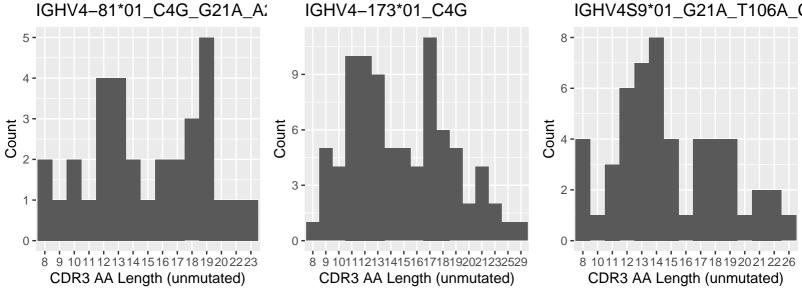


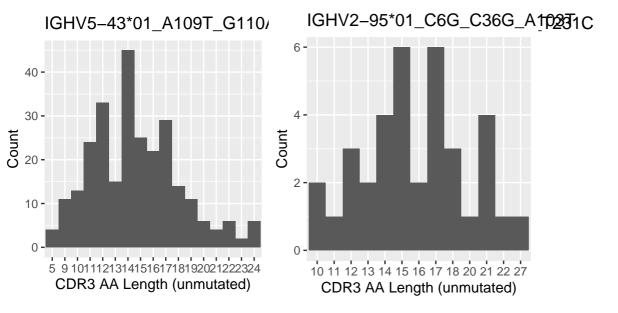


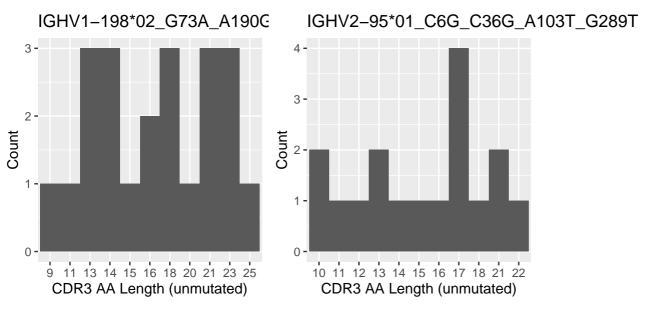




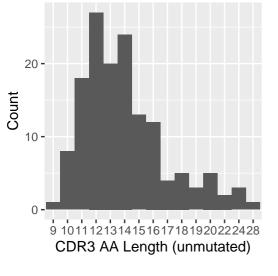








IGHV2-10*01_C6G_A23G_G112C_G118A_A119G_G121T_G141A_C205A_G210T





Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.