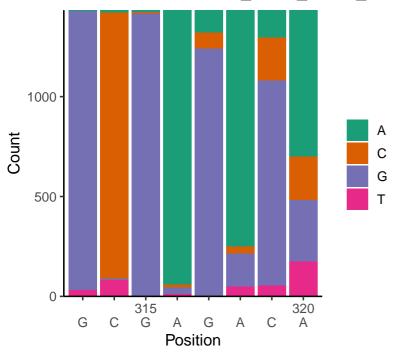
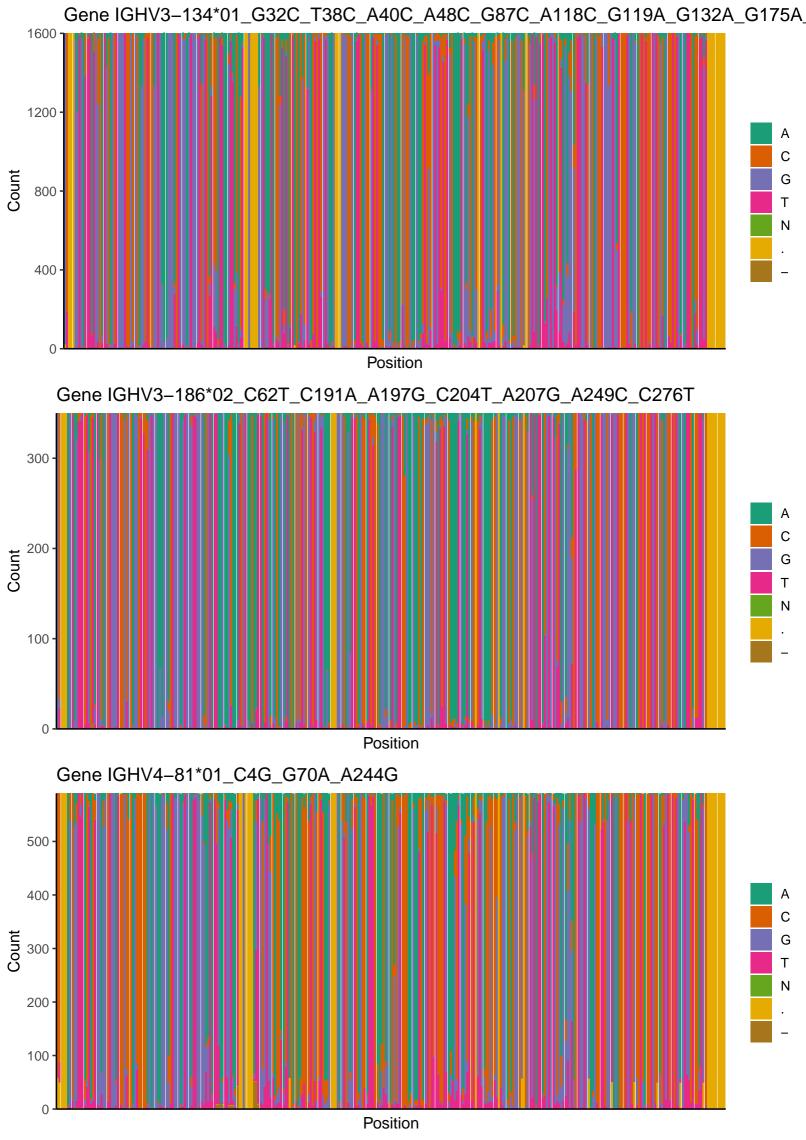
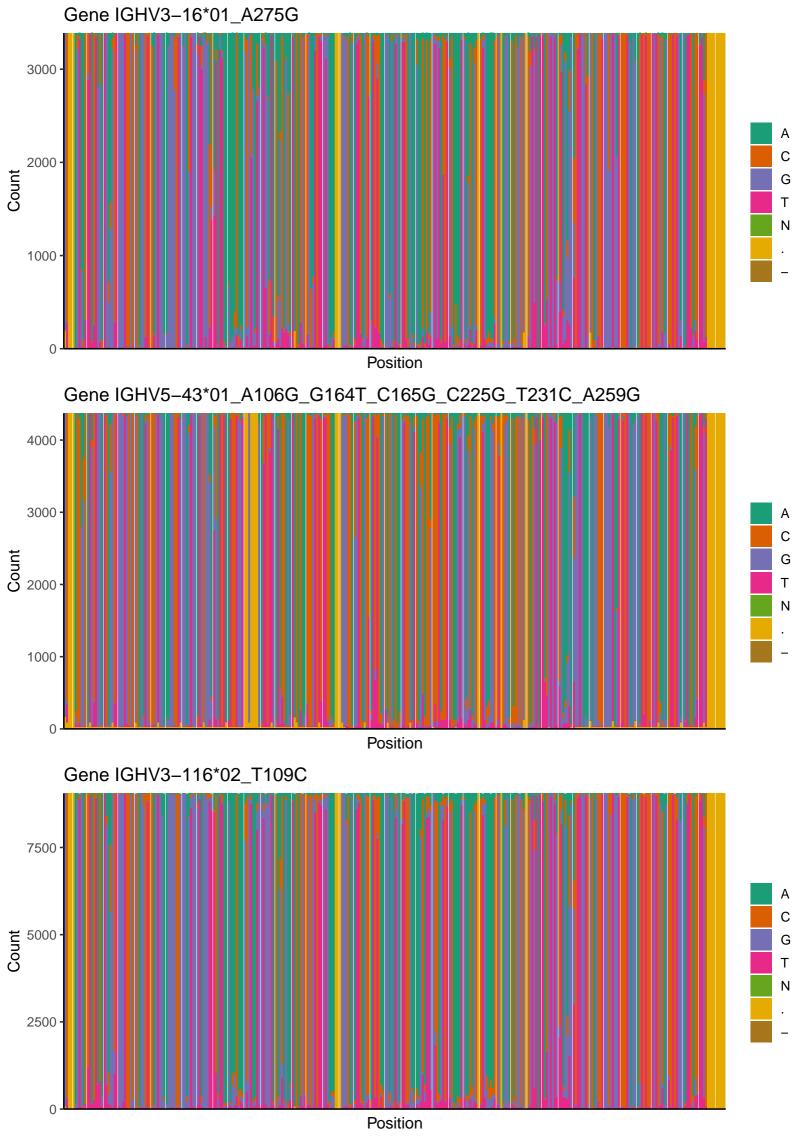
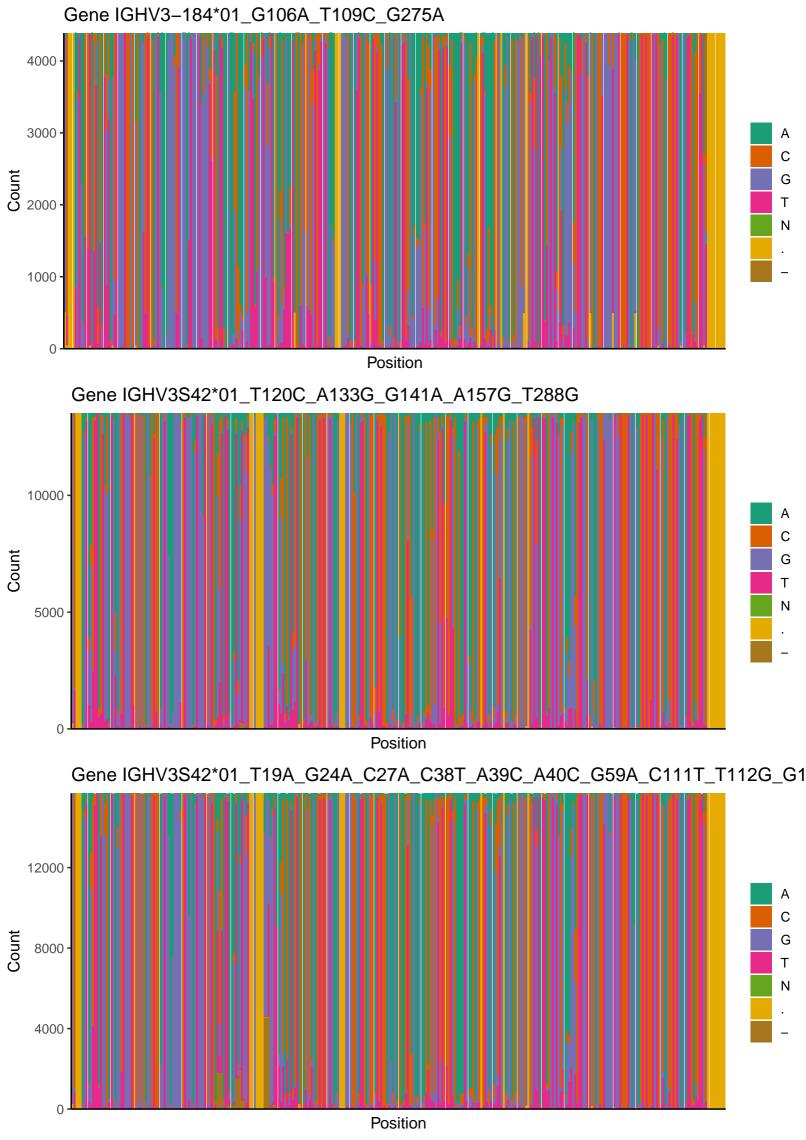


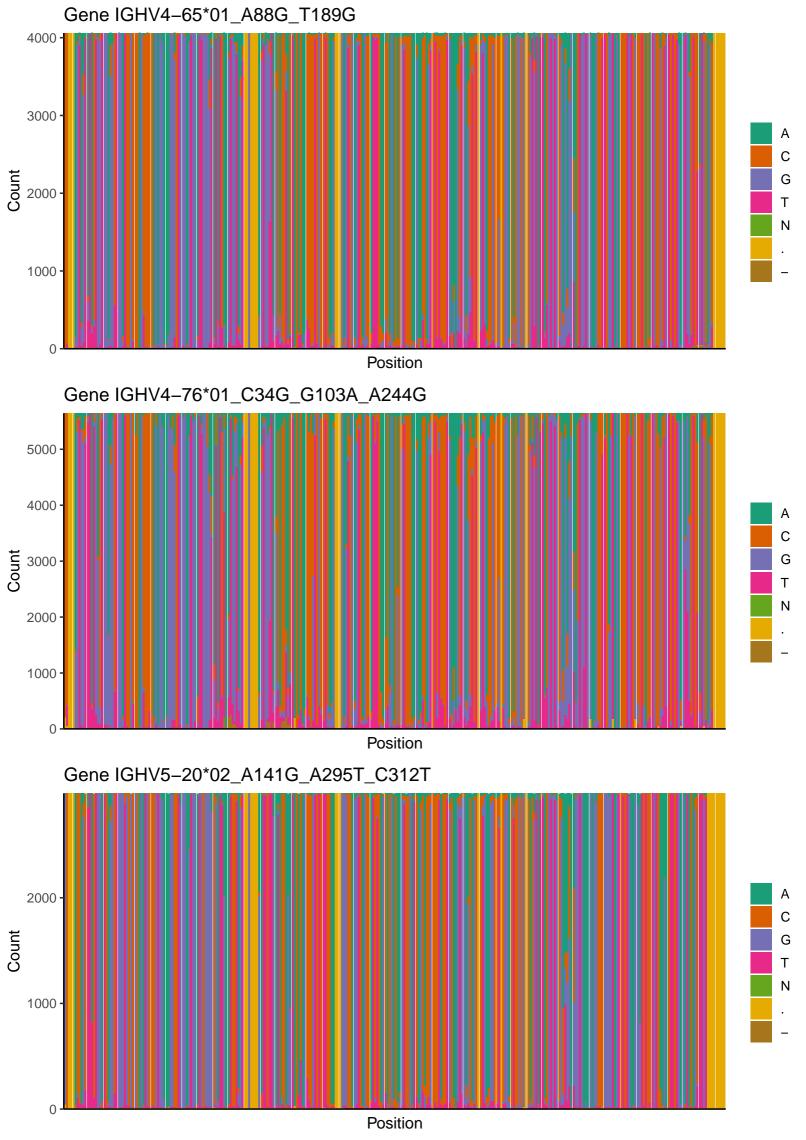
Gene IGHV3-110*01_C10T_G13C_C54T_T69C_G86C_T183C_G184A

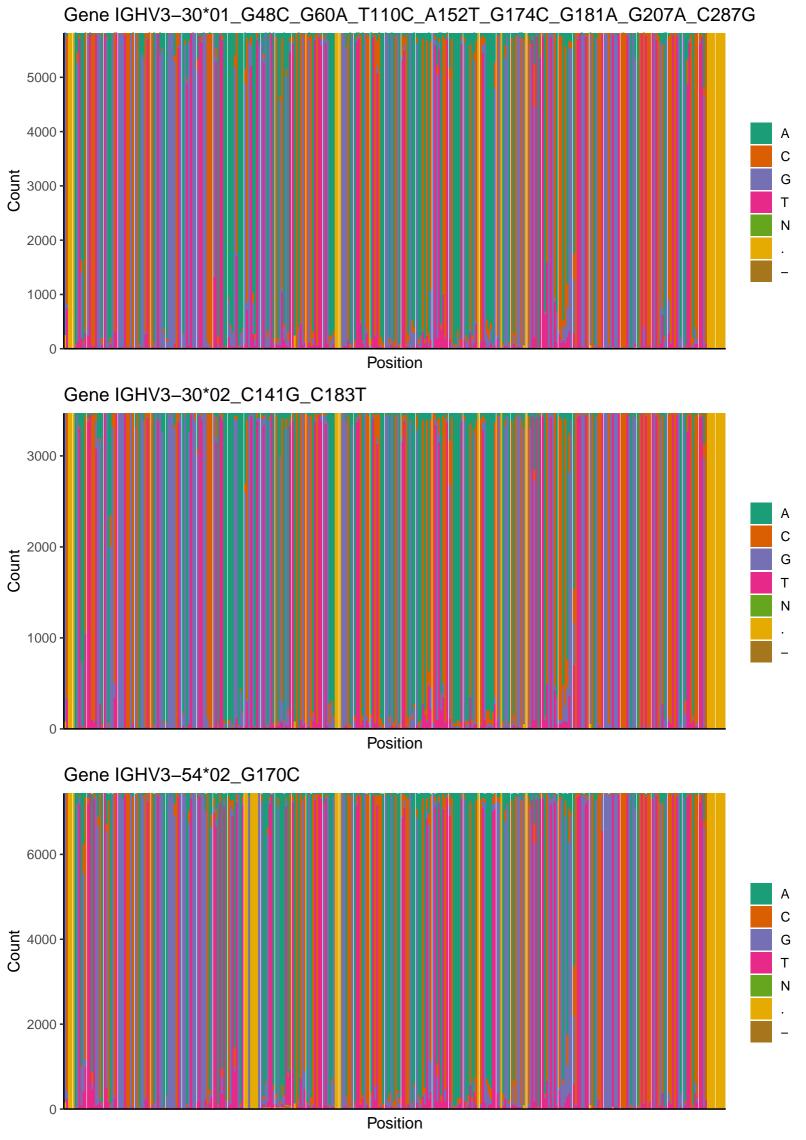


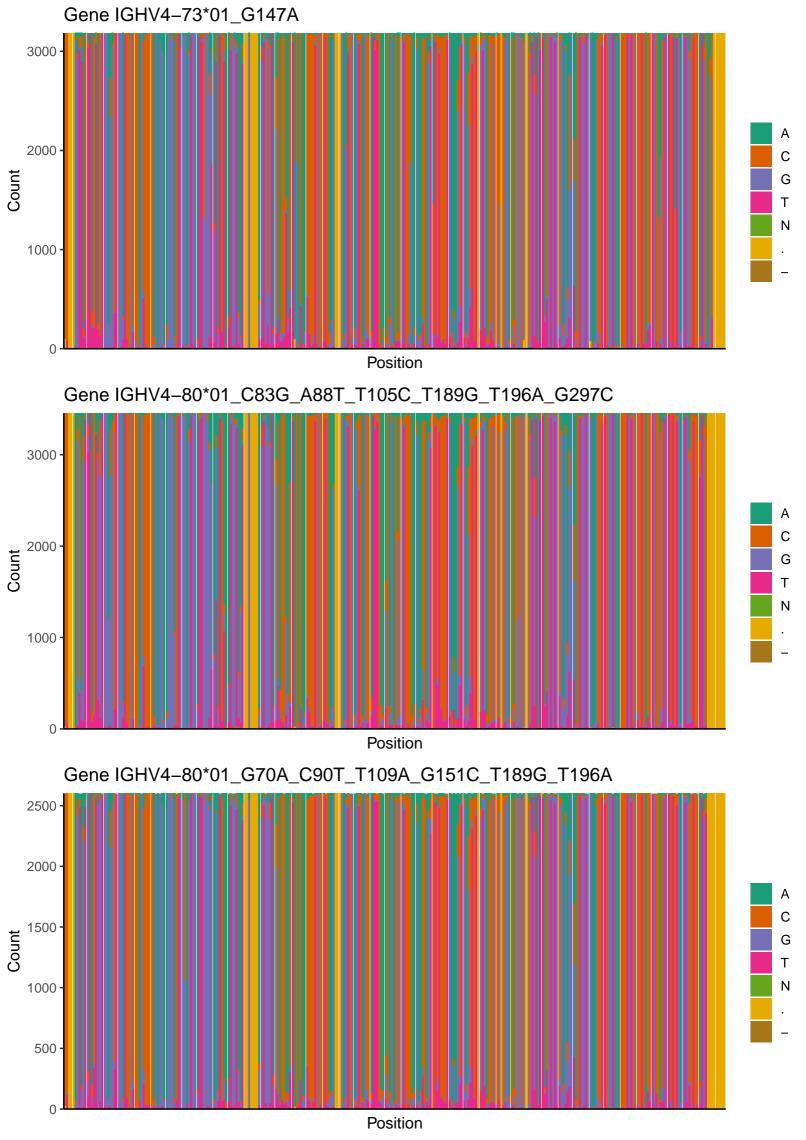


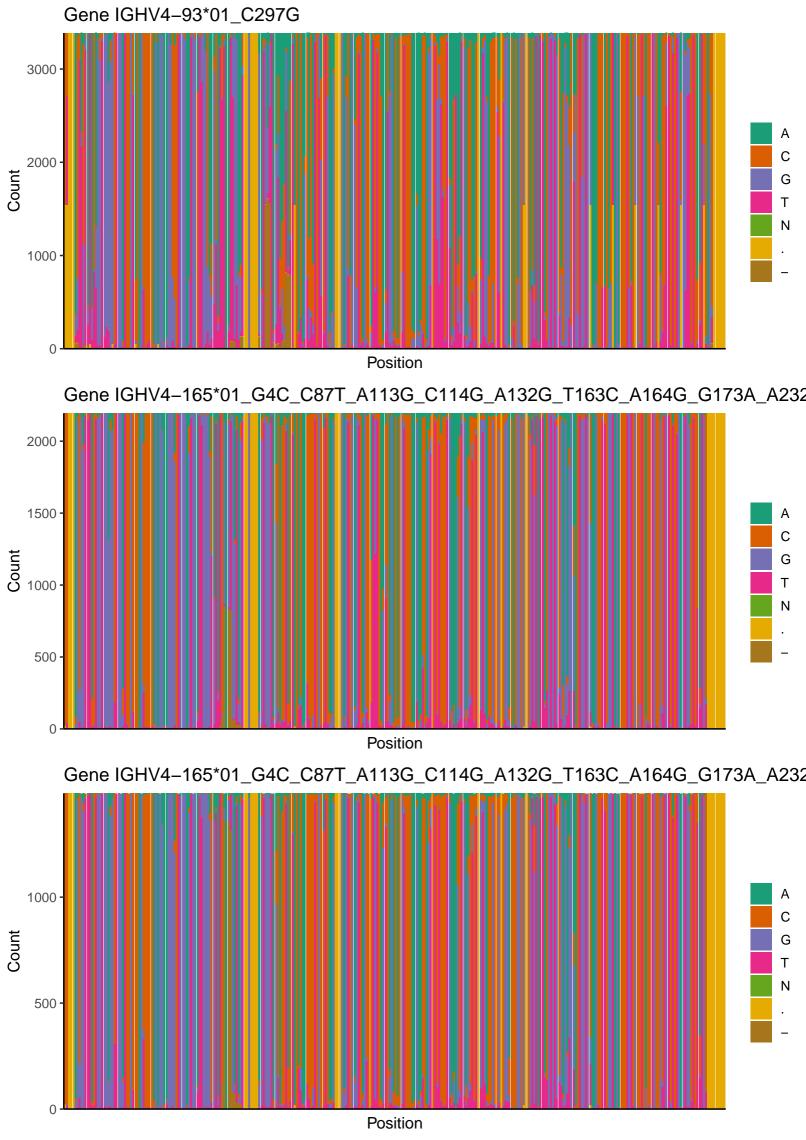


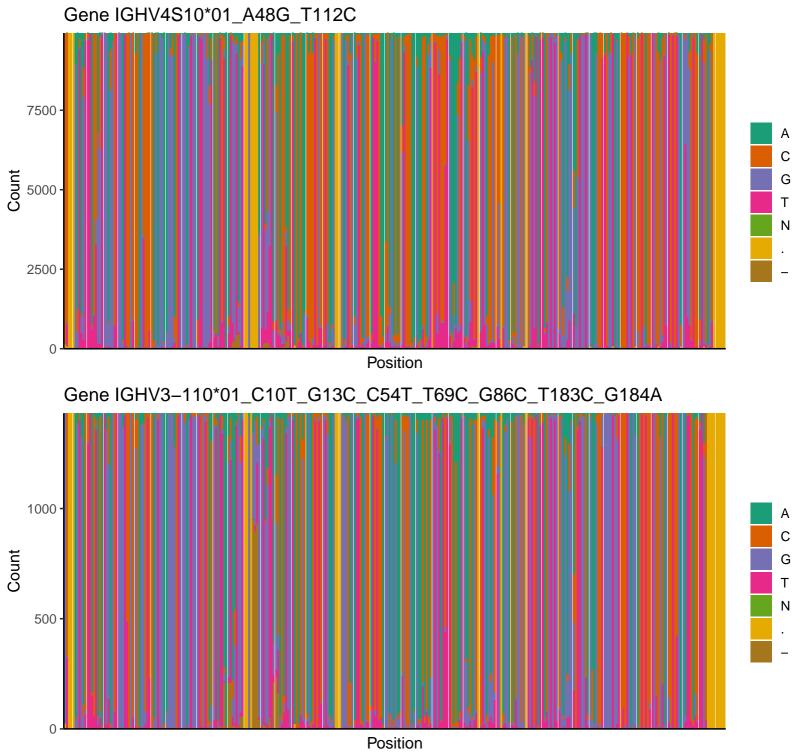




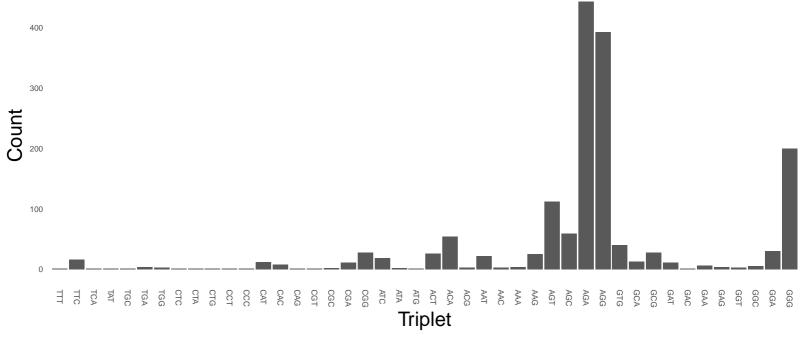




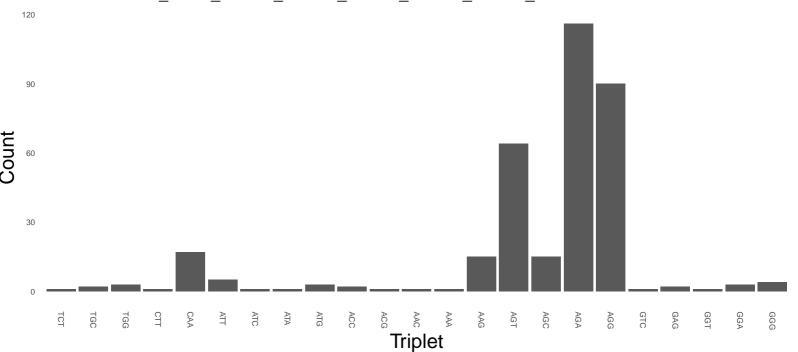




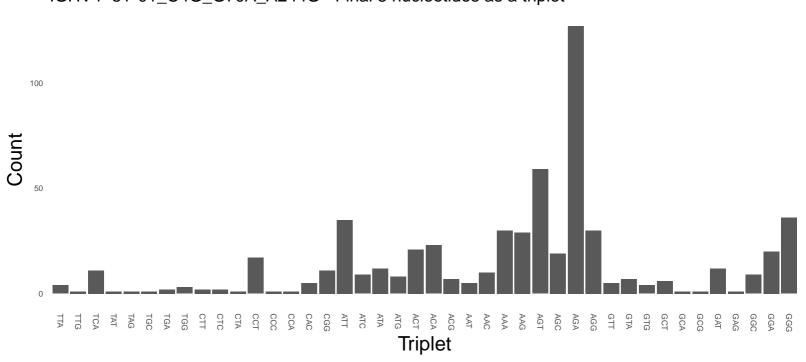
IGHV3-134*01_G32C_T38C_A40C_A48C_G87C_A118C_G119A_G132A_G175A_G184A_G191



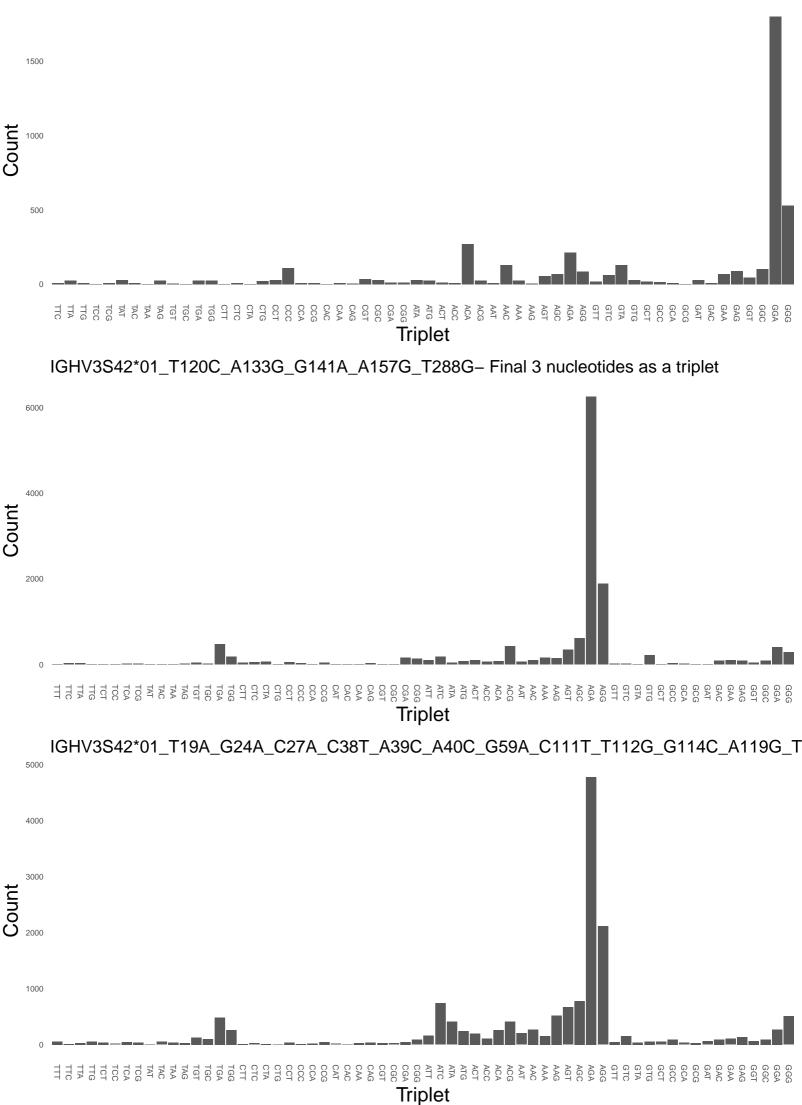
IGHV3-186*02_C62T_C191A_A197G_C204T_A207G_A249C_C276T- Final 3 nucleotides as a tr



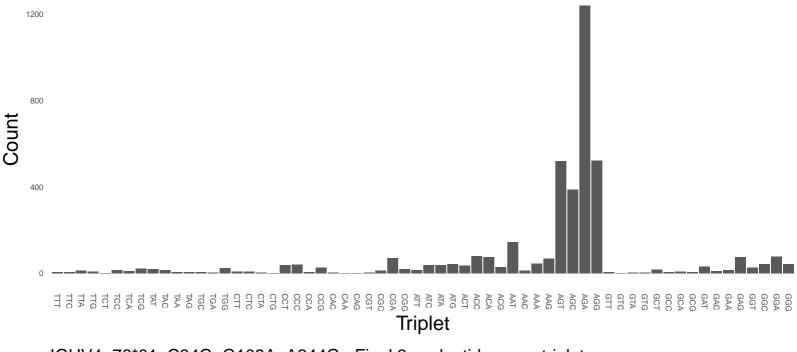
IGHV4-81*01_C4G_G70A_A244G- Final 3 nucleotides as a triplet



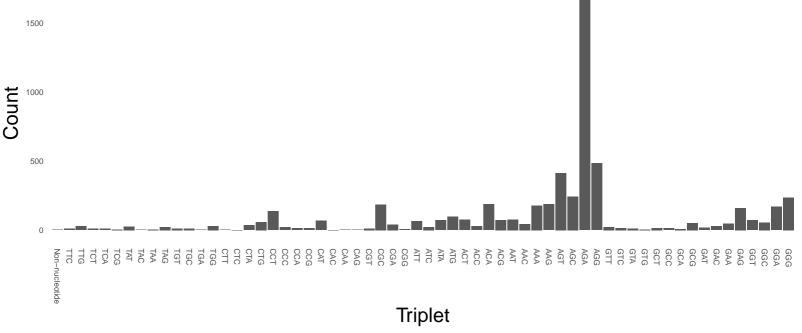
IGHV3-16*01_A275G- Final 3 nucleotides as a triplet 1000 **Triplet** IGHV5-43*01_A106G_G164T_C165G_C225G_T231C_A259G- Final 3 nucleotides as a triplet 750 250 **Triplet** IGHV3-116*02_T109C- Final 3 nucleotides as a triplet 1500 500



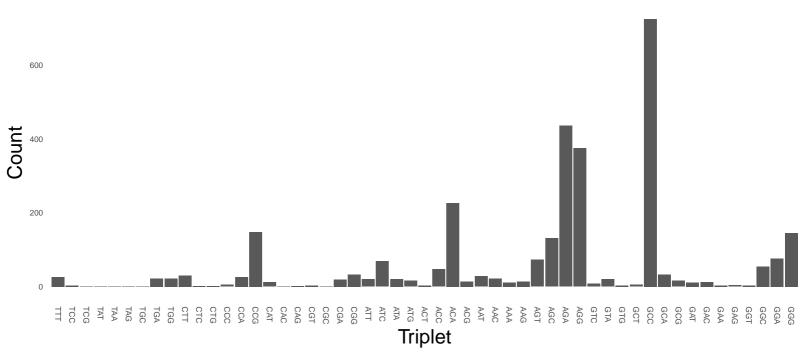
IGHV4-65*01_A88G_T189G- Final 3 nucleotides as a triplet

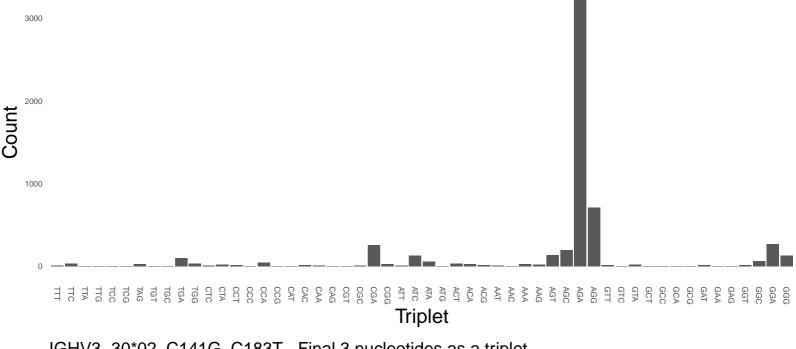


IGHV4-76*01_C34G_G103A_A244G- Final 3 nucleotides as a triplet

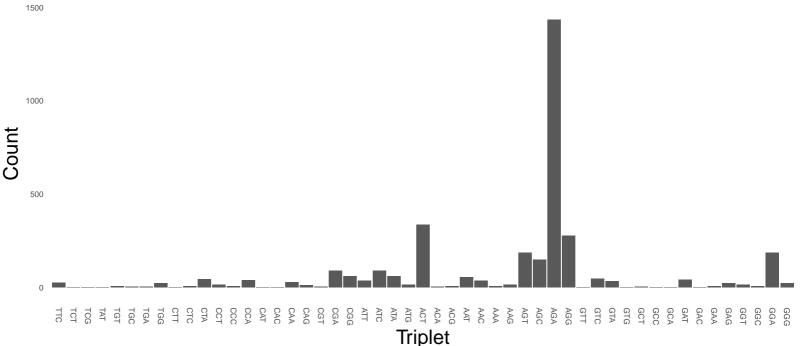


IGHV5-20*02_A141G_A295T_C312T- Final 3 nucleotides as a triplet

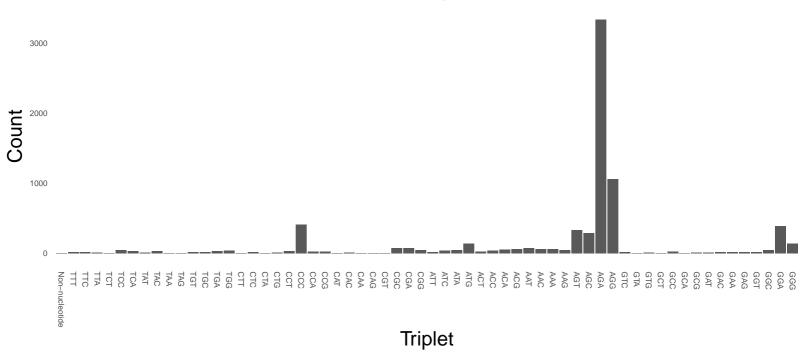


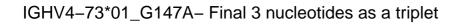


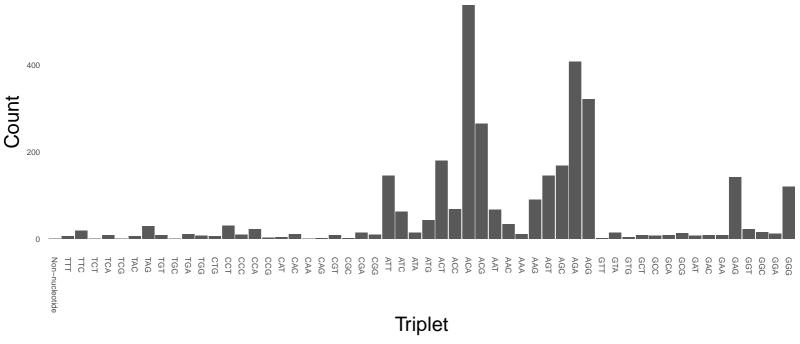
IGHV3-30*02_C141G_C183T- Final 3 nucleotides as a triplet



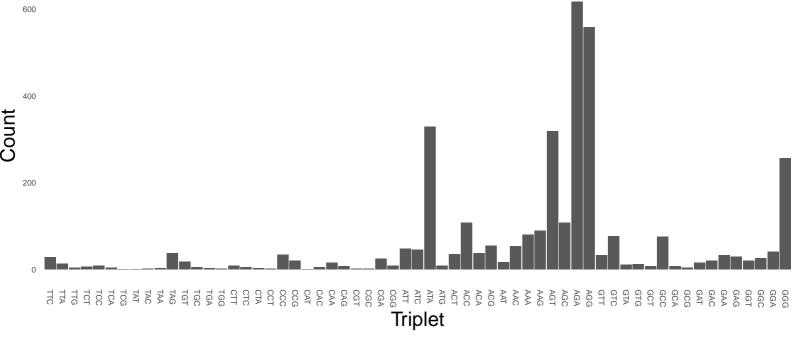
IGHV3-54*02_G170C- Final 3 nucleotides as a triplet



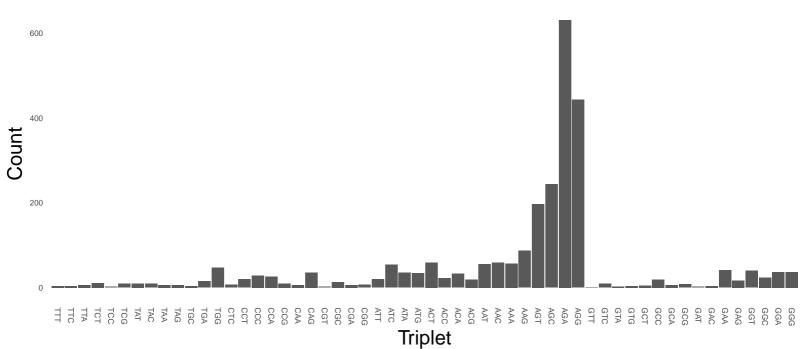


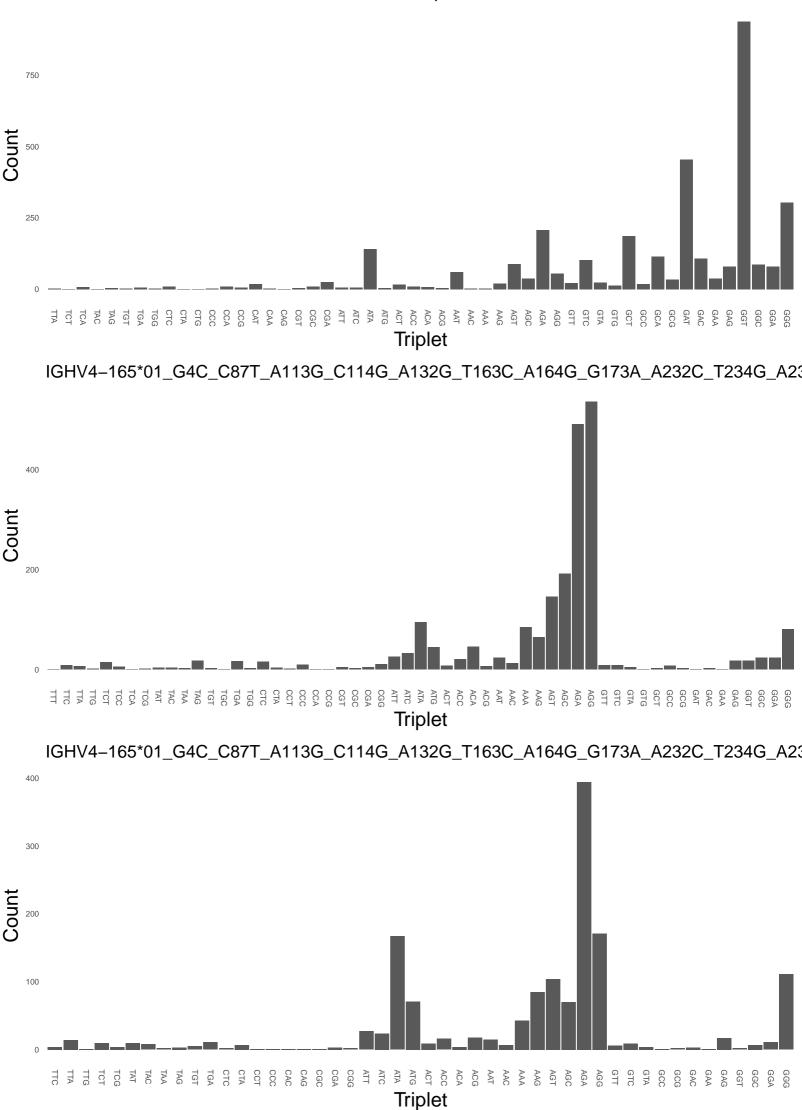


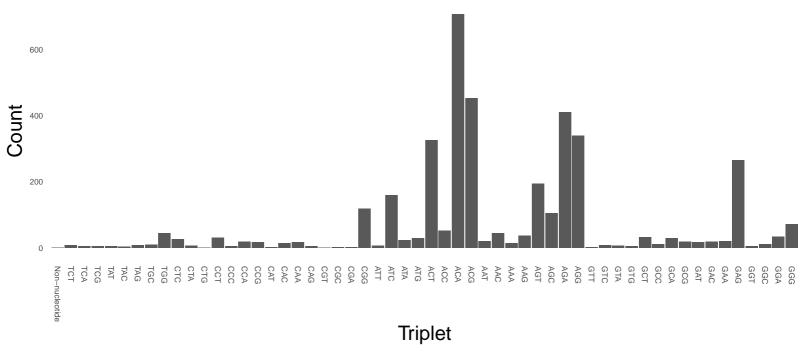
IGHV4-80*01_C83G_A88T_T105C_T189G_T196A_G297C- Final 3 nucleotides as a triplet



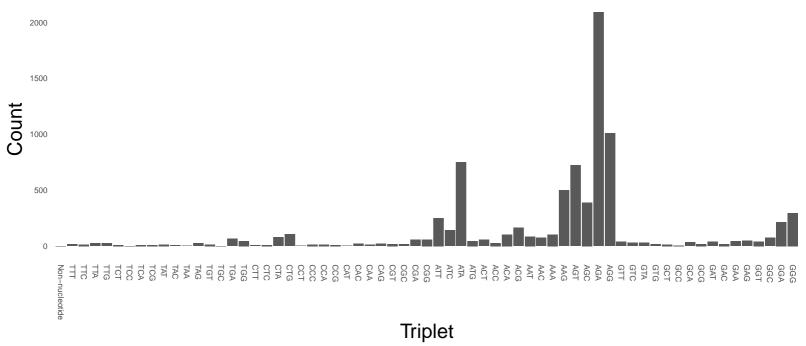
IGHV4-80*01_G70A_C90T_T109A_G151C_T189G_T196A- Final 3 nucleotides as a triplet



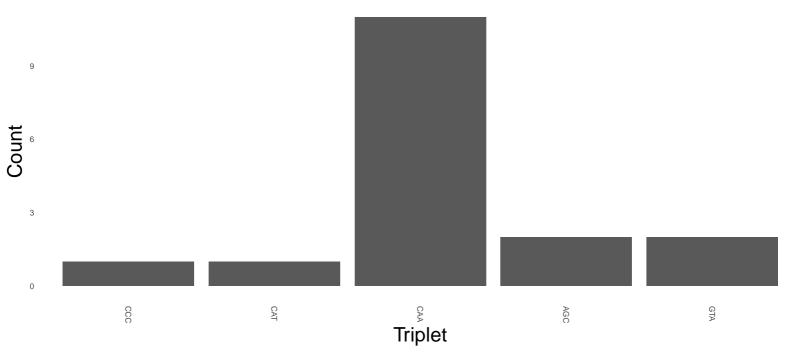




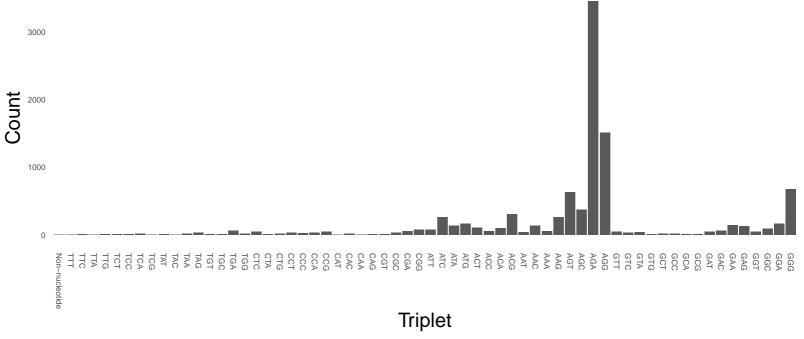
IGHV4-173*01_C4G_G6A- Final 3 nucleotides as a triplet



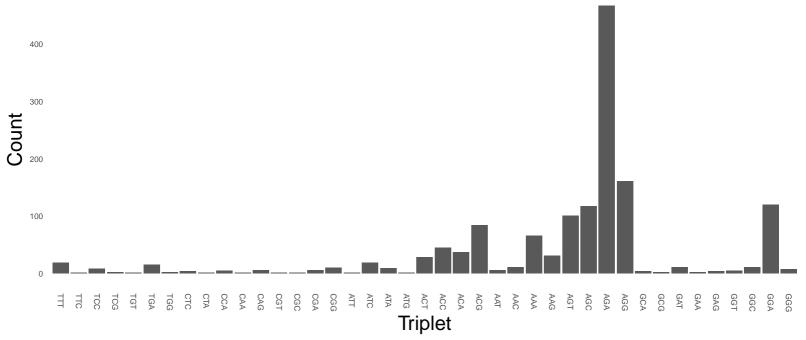
IGHV3-118*01_C34T_G225A_A249C_C276T_A313G_C315T- Final 3 nucleotides as a triplet

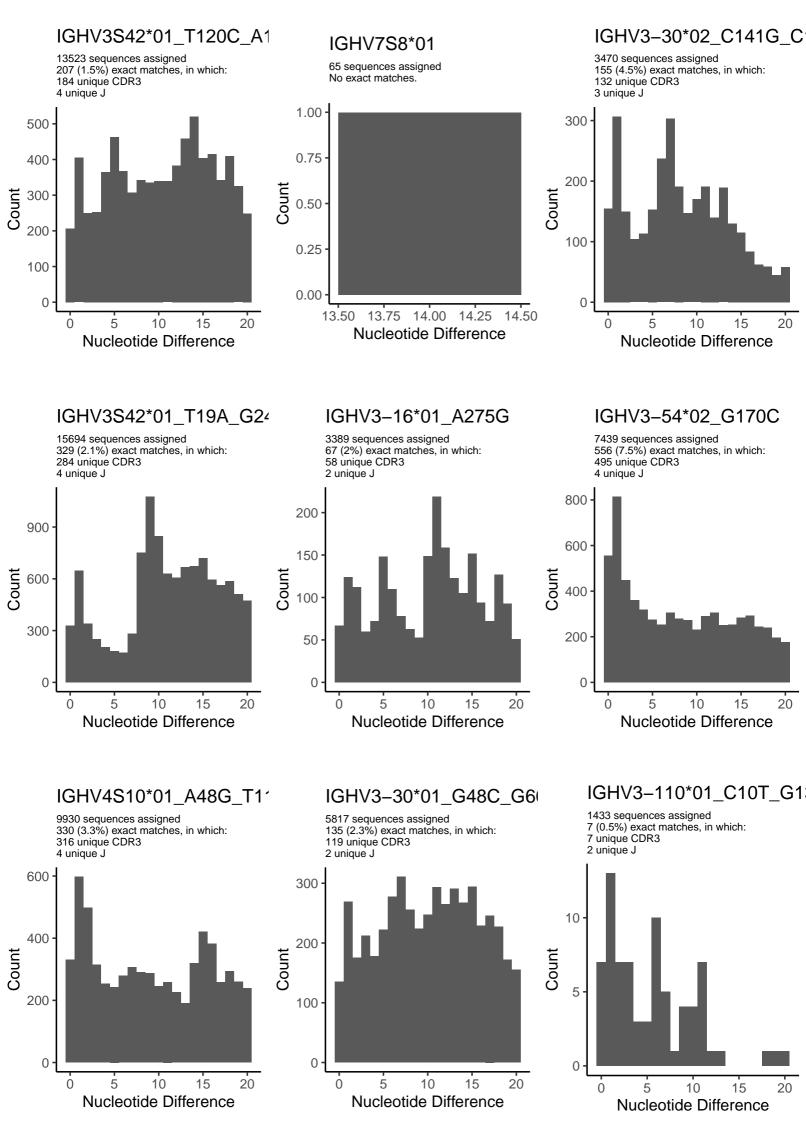


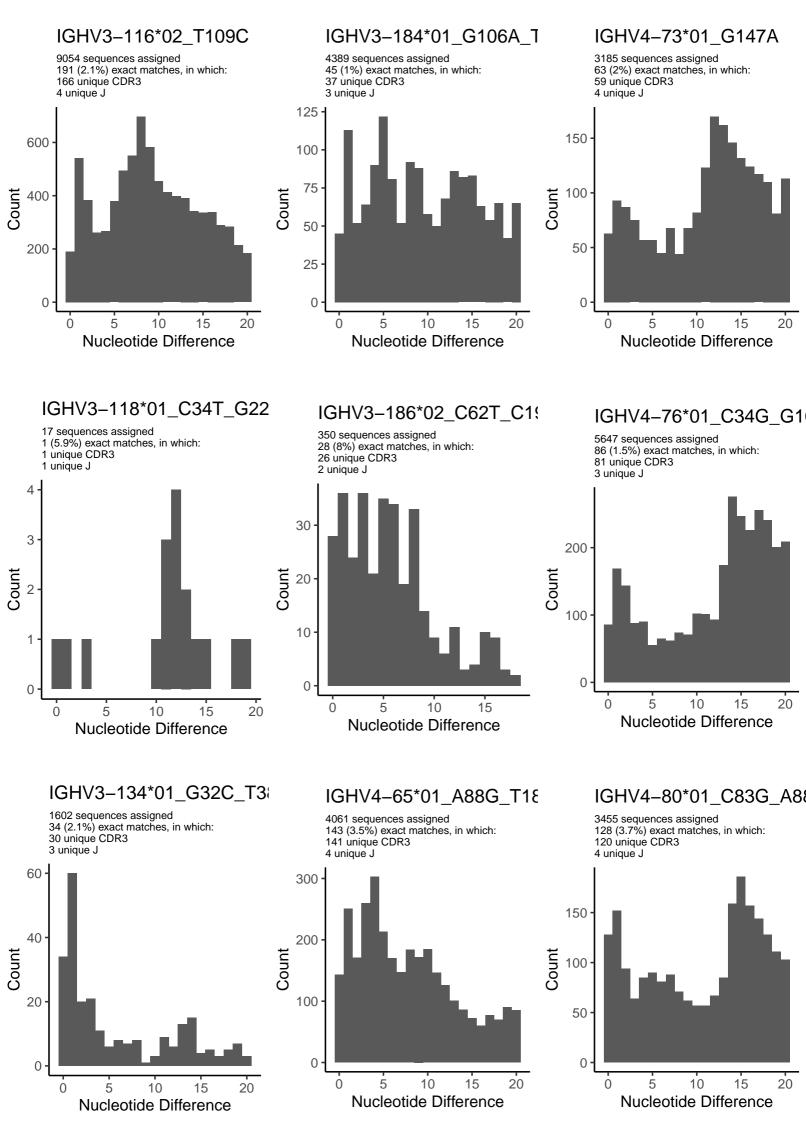
IGHV4S10*01_A48G_T112C- Final 3 nucleotides as a triplet

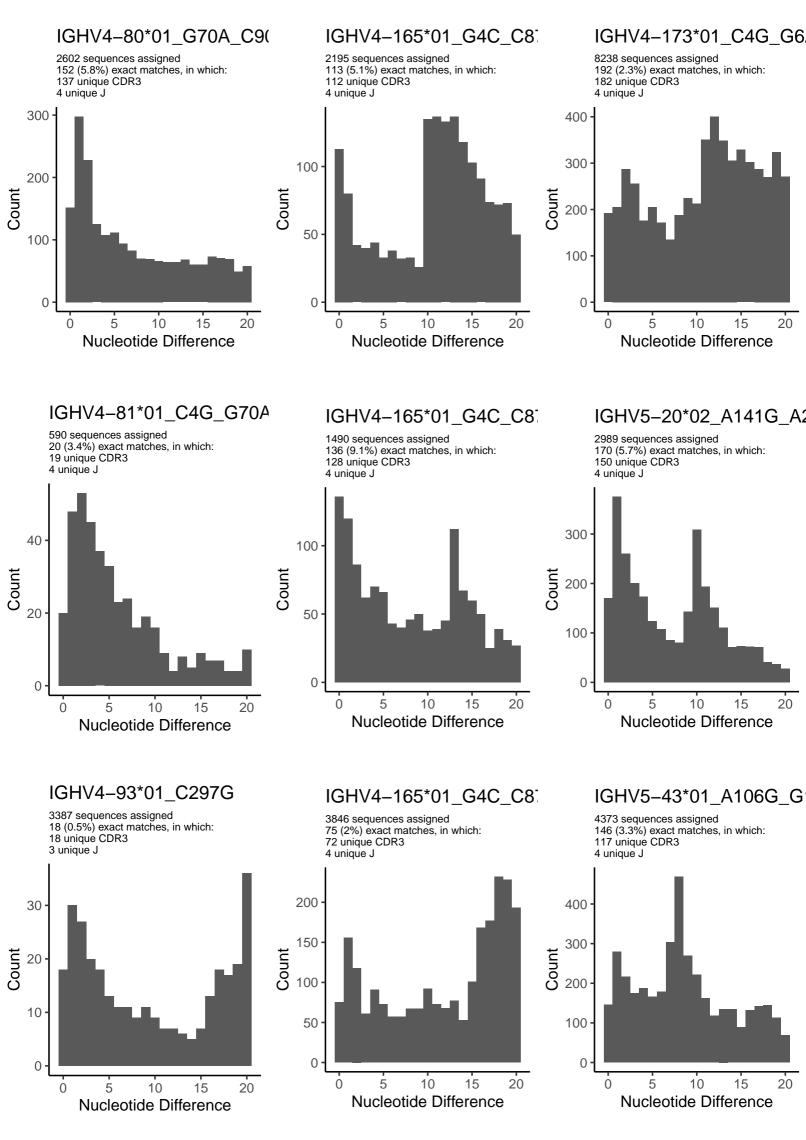


IGHV3-110*01_C10T_G13C_C54T_T69C_G86C_T183C_G184A- Final 3 nucleotides as a triplet



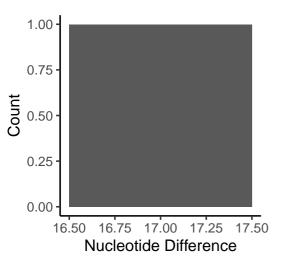


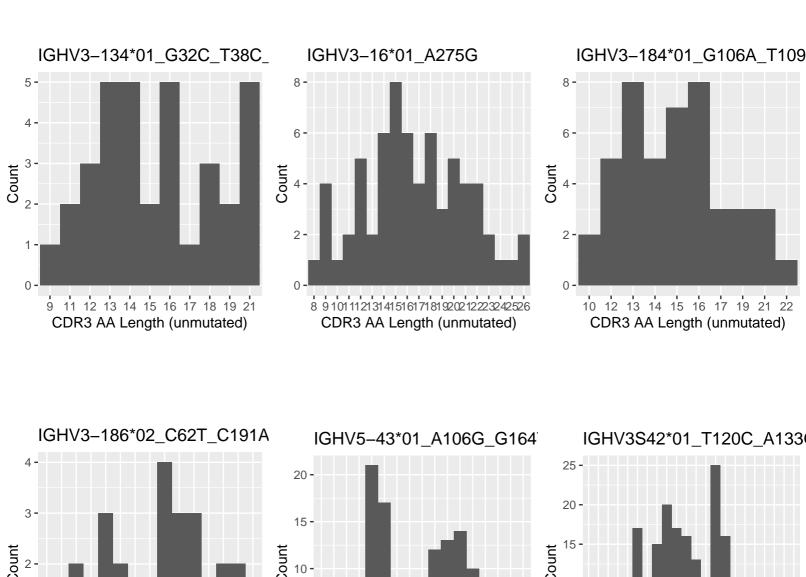


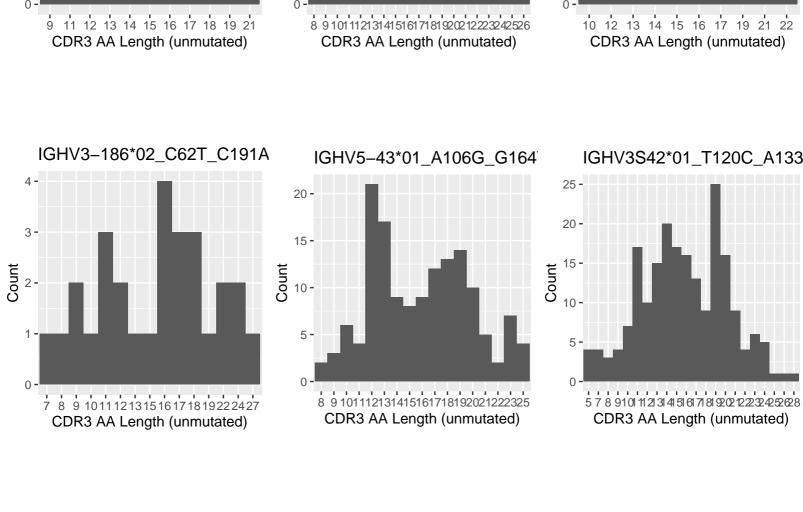


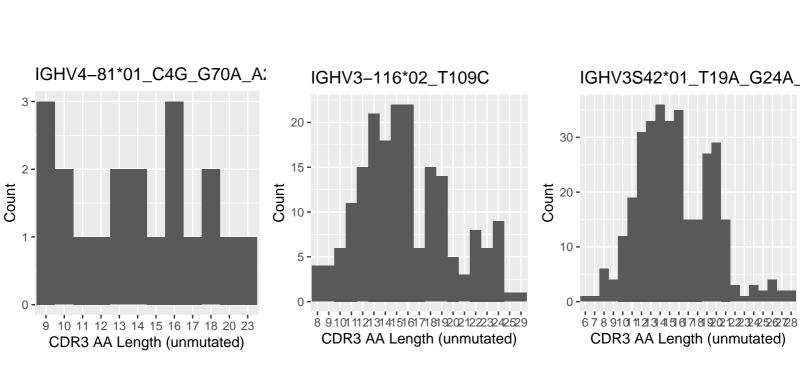
IGHV7-94*01

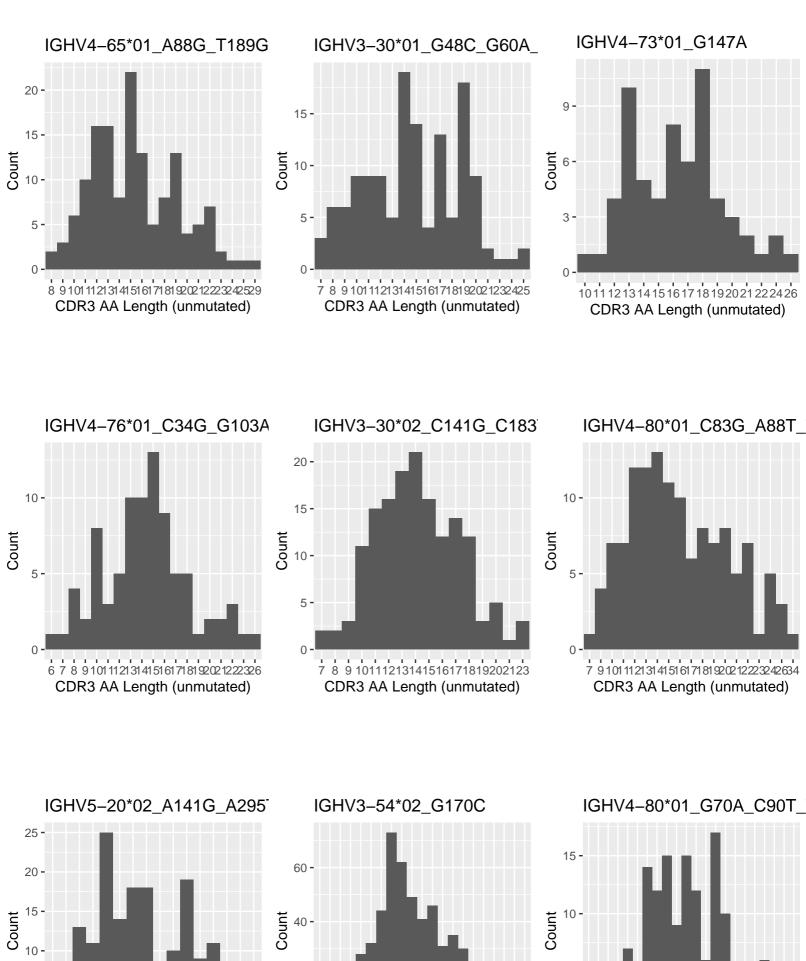
11 sequences assigned No exact matches.

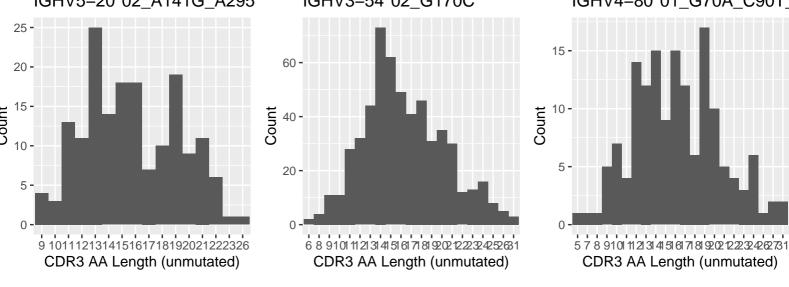


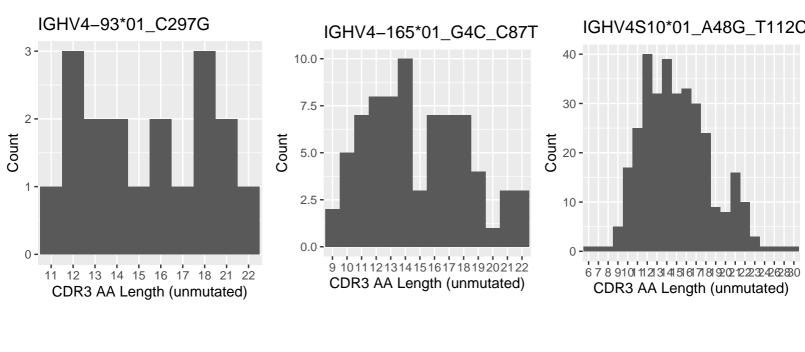


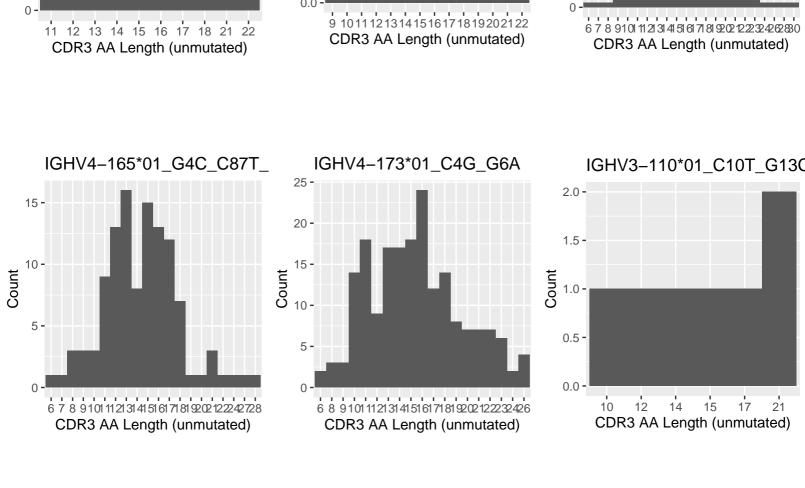


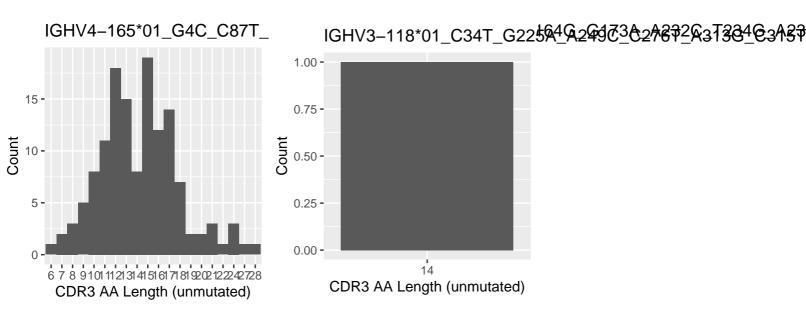














Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.