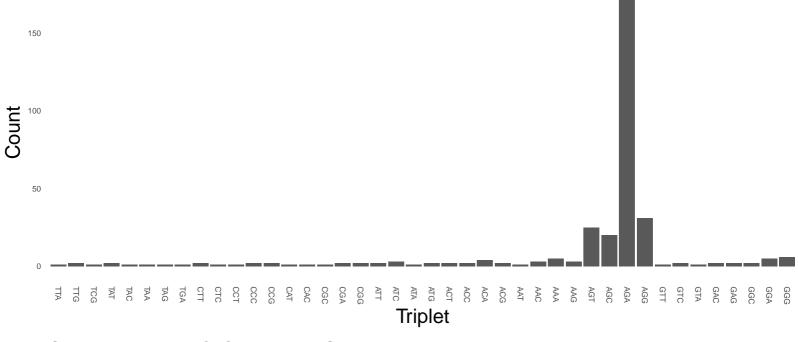
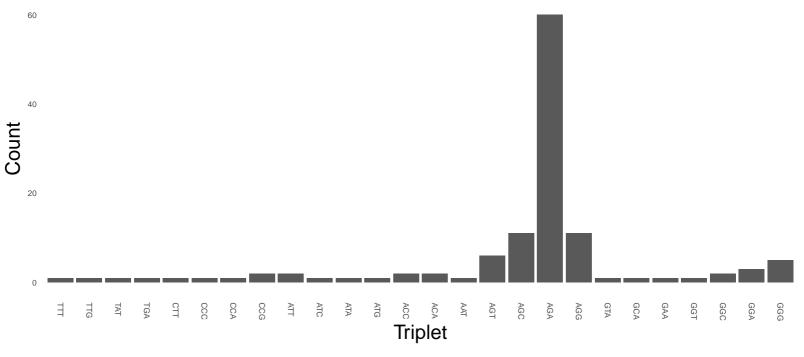


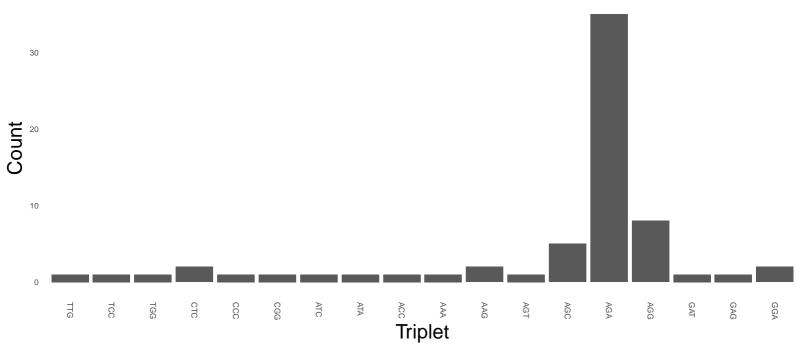
IGHV3-13*01_A315G- Final 3 nucleotides as a triplet

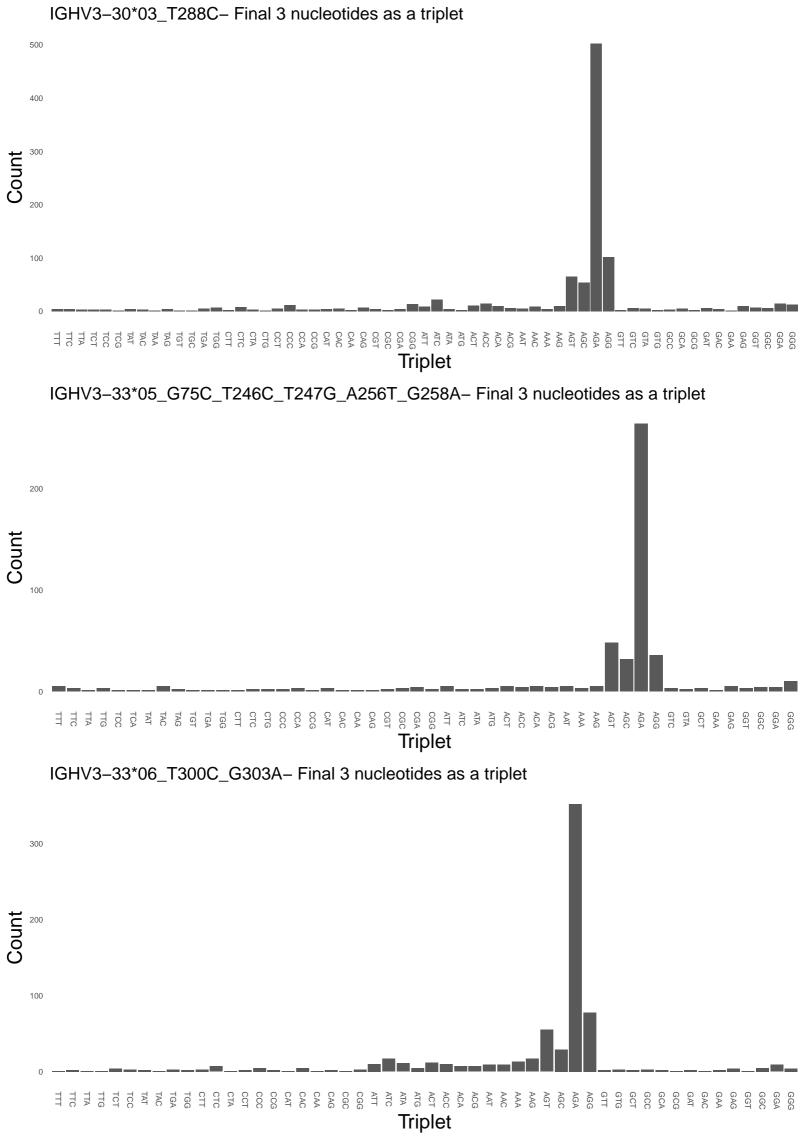


IGHV3-20*04_T279C_C300T_T301G- Final 3 nucleotides as a triplet



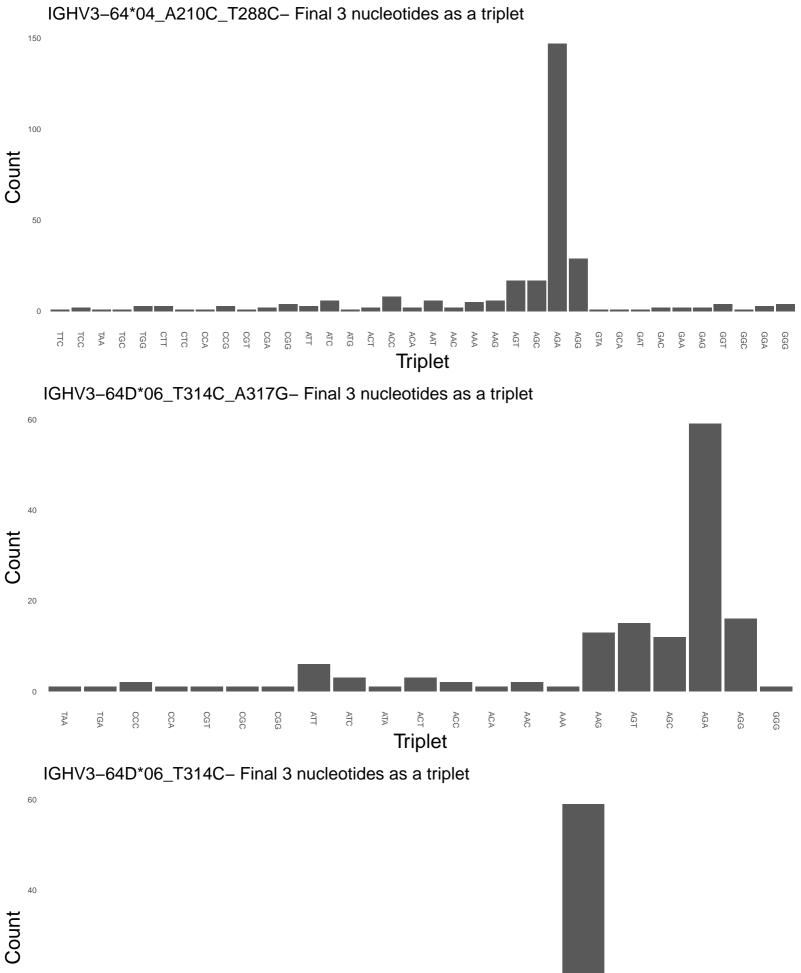
IGHV3-20*04_T279C_T301G- Final 3 nucleotides as a triplet





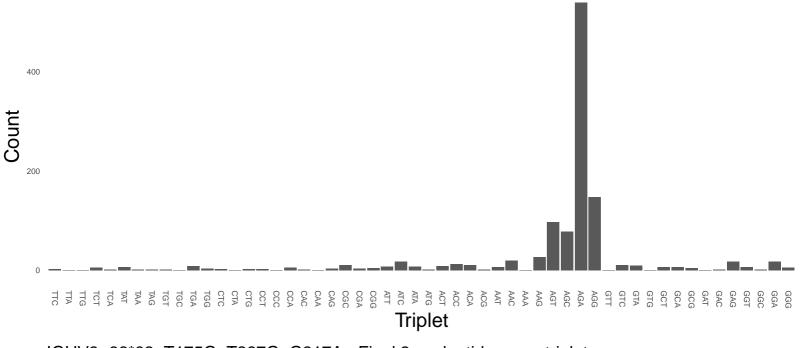
IGHV3-43*01_A315G- Final 3 nucleotides as a triplet Count Count 10 **Triplet** IGHV3-48*01_T300C- Final 3 nucleotides as a triplet 500 400 Count 100 **Triplet** IGHV3-49*05_A313G_T315G- Final 3 nucleotides as a triplet 150 50

Triplet

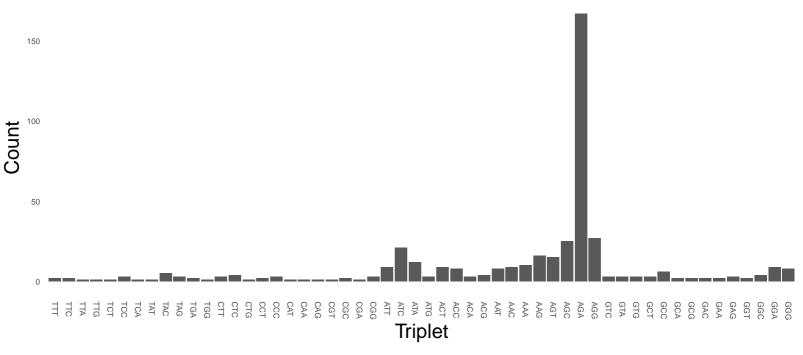


Count CGA CGG AAG AGC GCT GCA CCT ATC ACT AAT AAC AAA AGT AGA AGG GGG **Triplet**

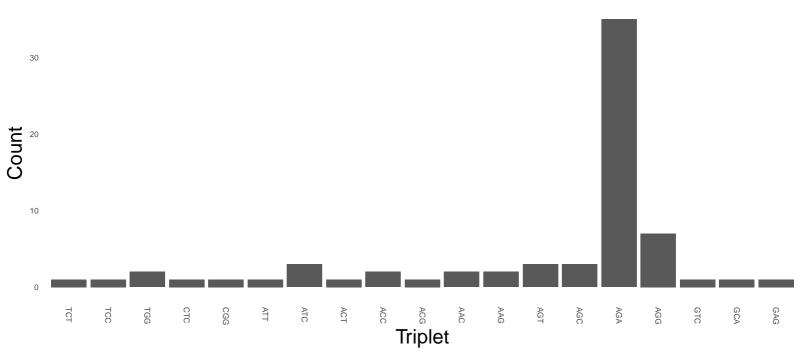
IGHV3-66*01_G13T_C39A_A223C_T300C- Final 3 nucleotides as a triplet



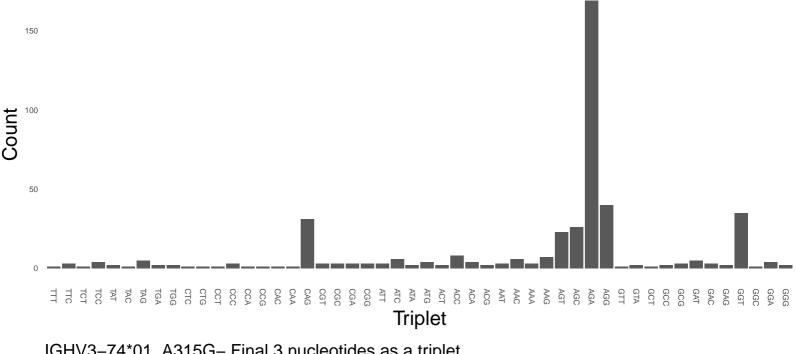
IGHV3-66*03_T175G_T267G_G317A- Final 3 nucleotides as a triplet



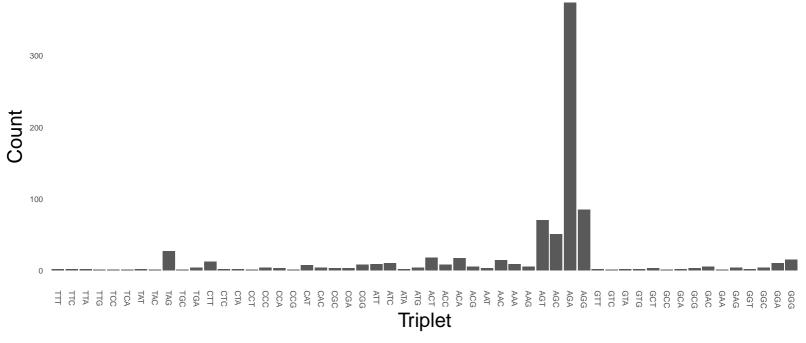
IGHV3-72*01_T315G- Final 3 nucleotides as a triplet



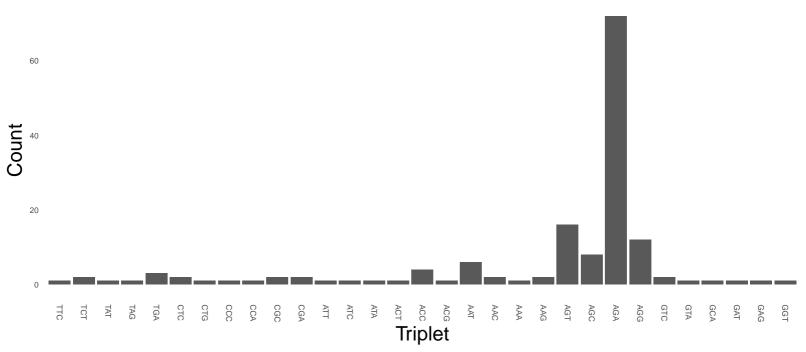
IGHV3-73*02_A313G_T315G- Final 3 nucleotides as a triplet



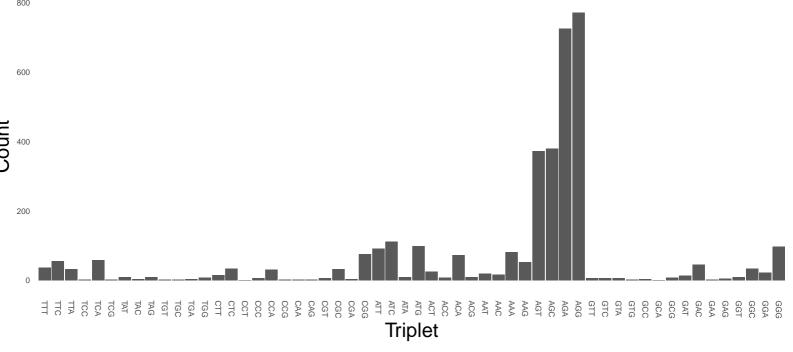
IGHV3-74*01_A315G- Final 3 nucleotides as a triplet



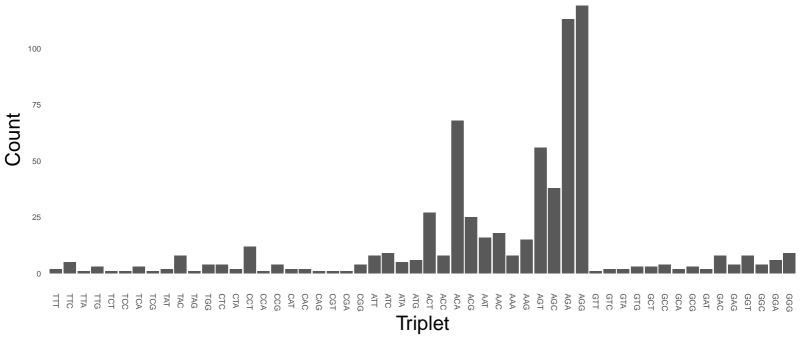
IGHV3-NL1*01_G49A_G75C_C159G_T160G_T201C_G267T_T288C_T300C_A317G- Final 3 nu



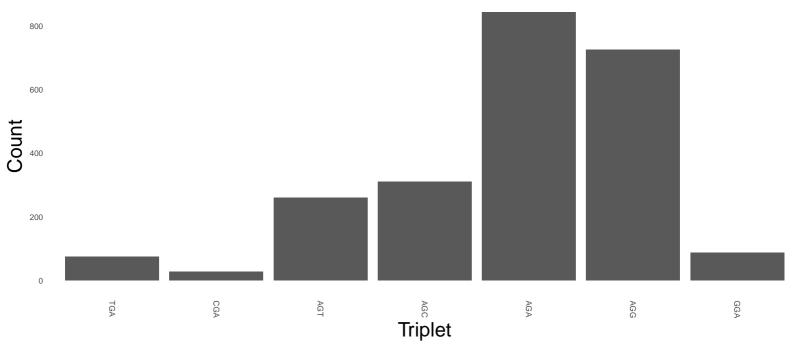
IGHV4-30-2*01_C285T_C315G- Final 3 nucleotides as a triplet

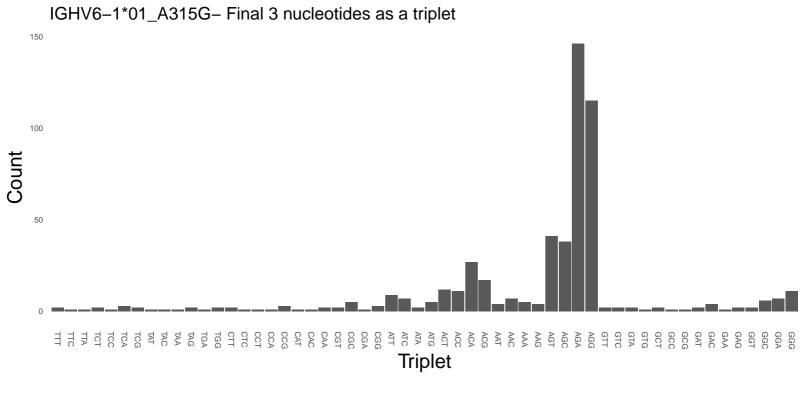


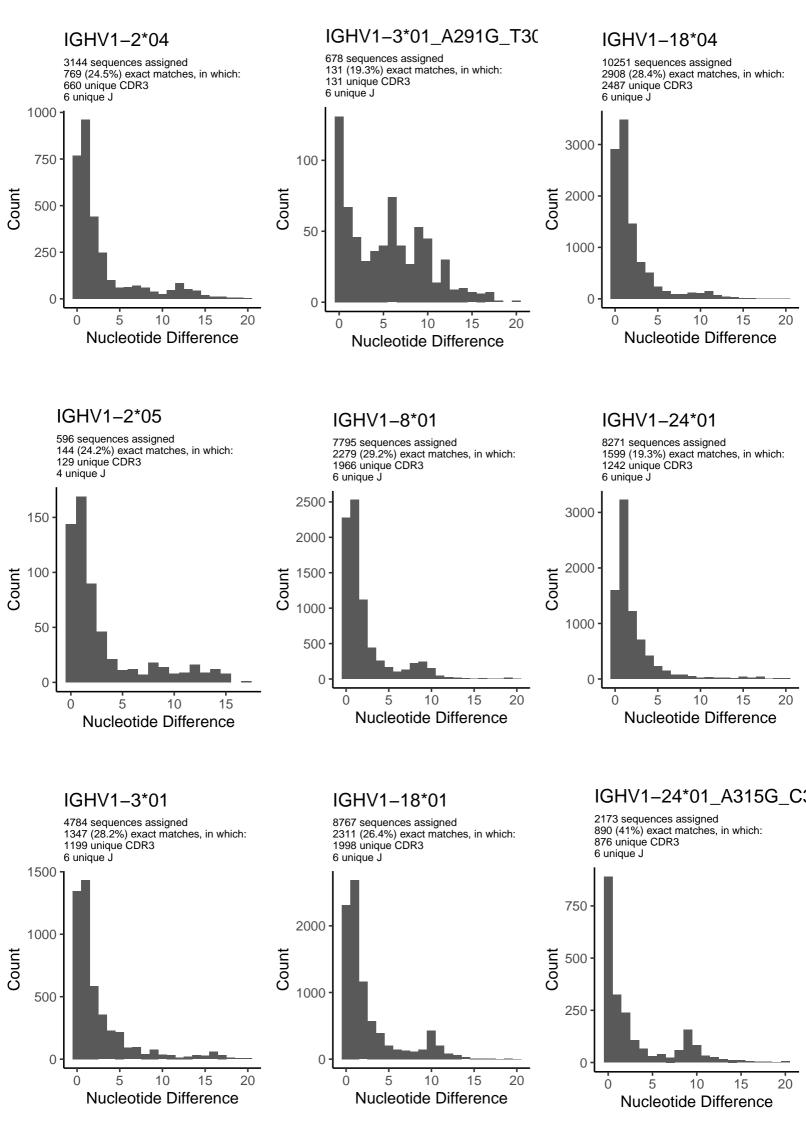
IGHV4-30-2*01_C315G- Final 3 nucleotides as a triplet

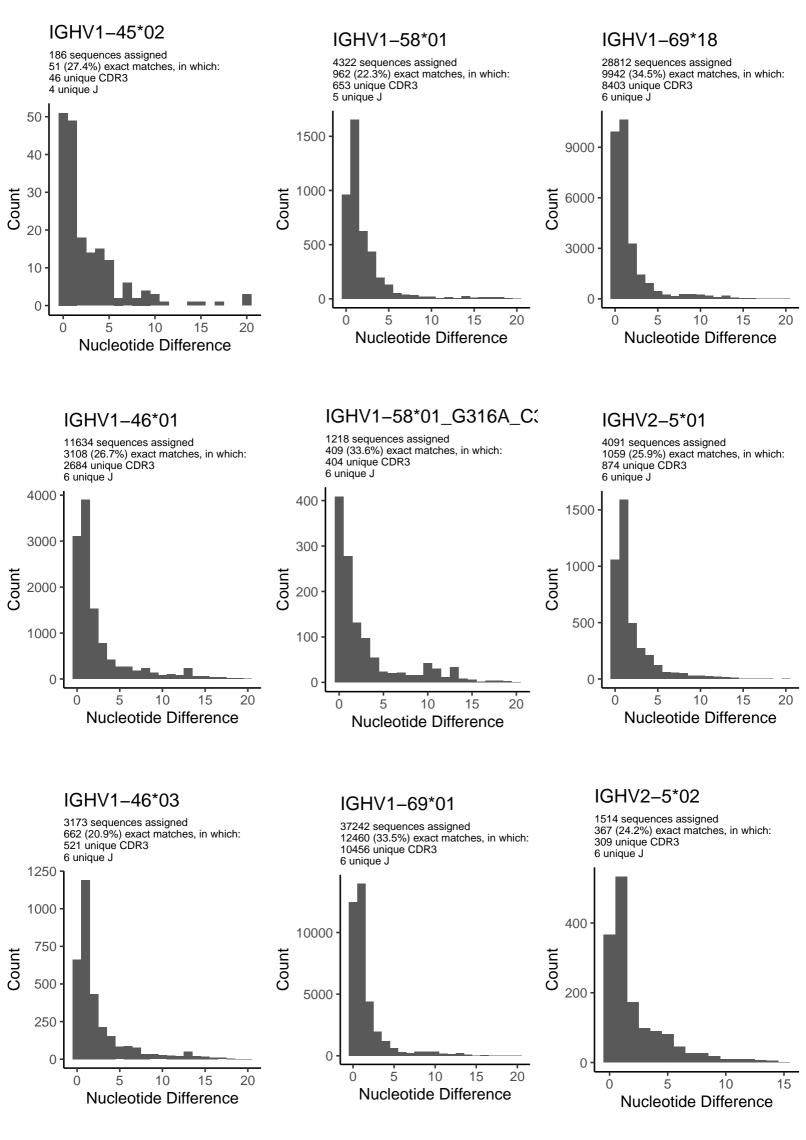


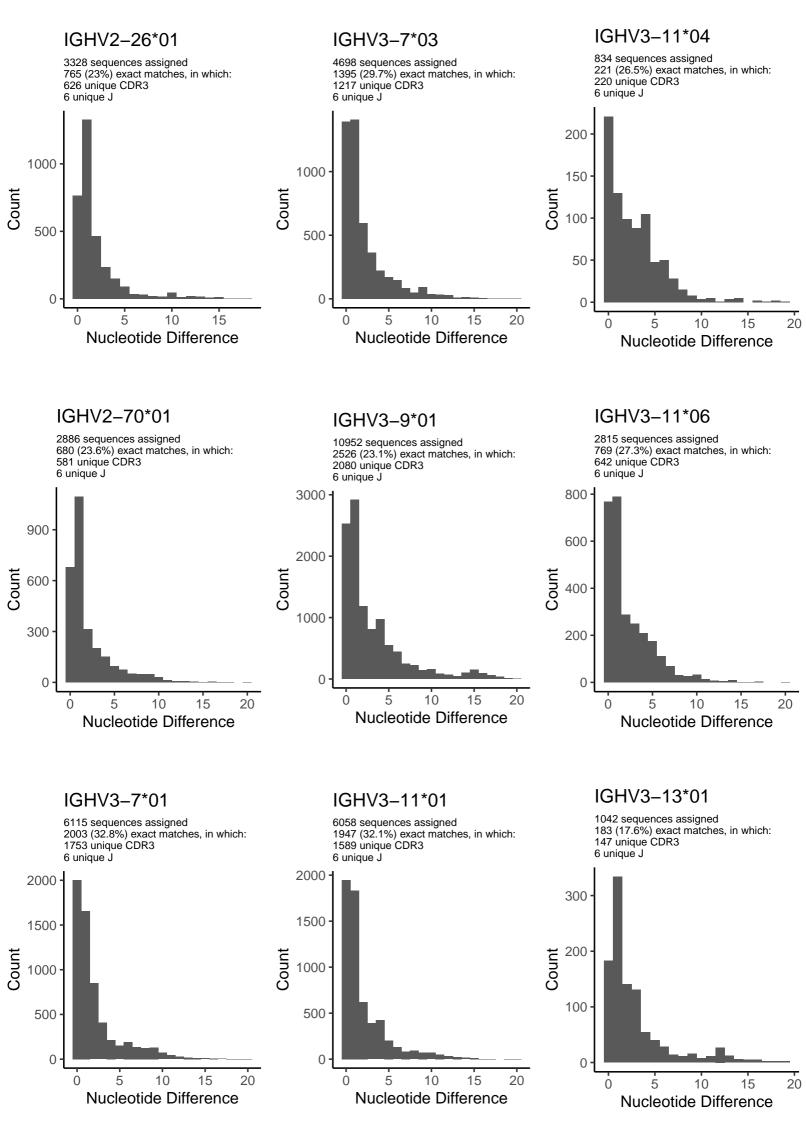
IGHV4-39*02_C258G- Final 3 nucleotides as a triplet

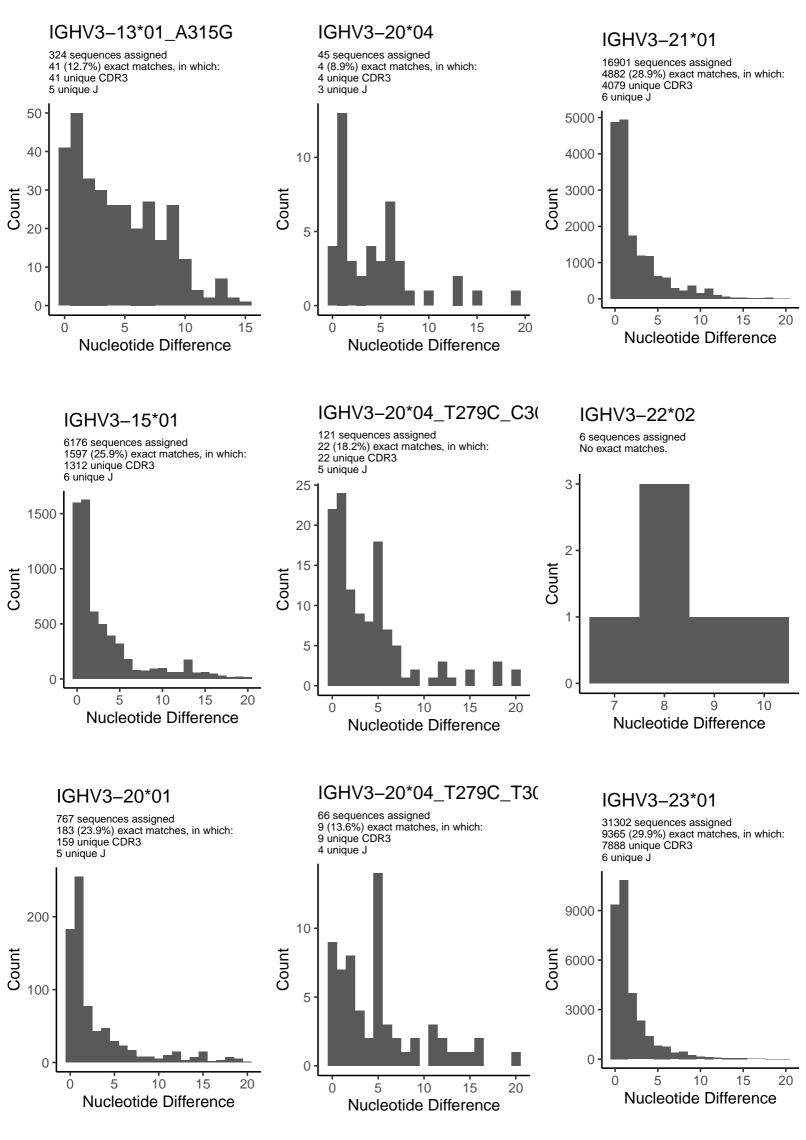


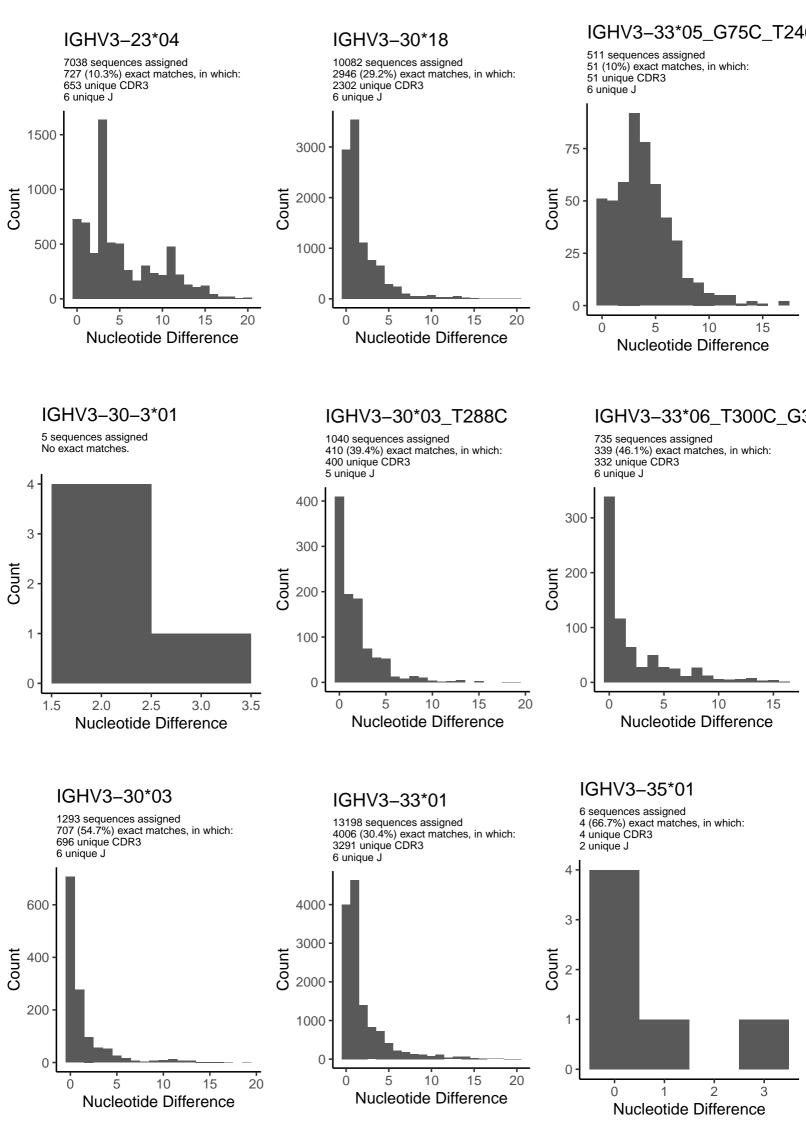


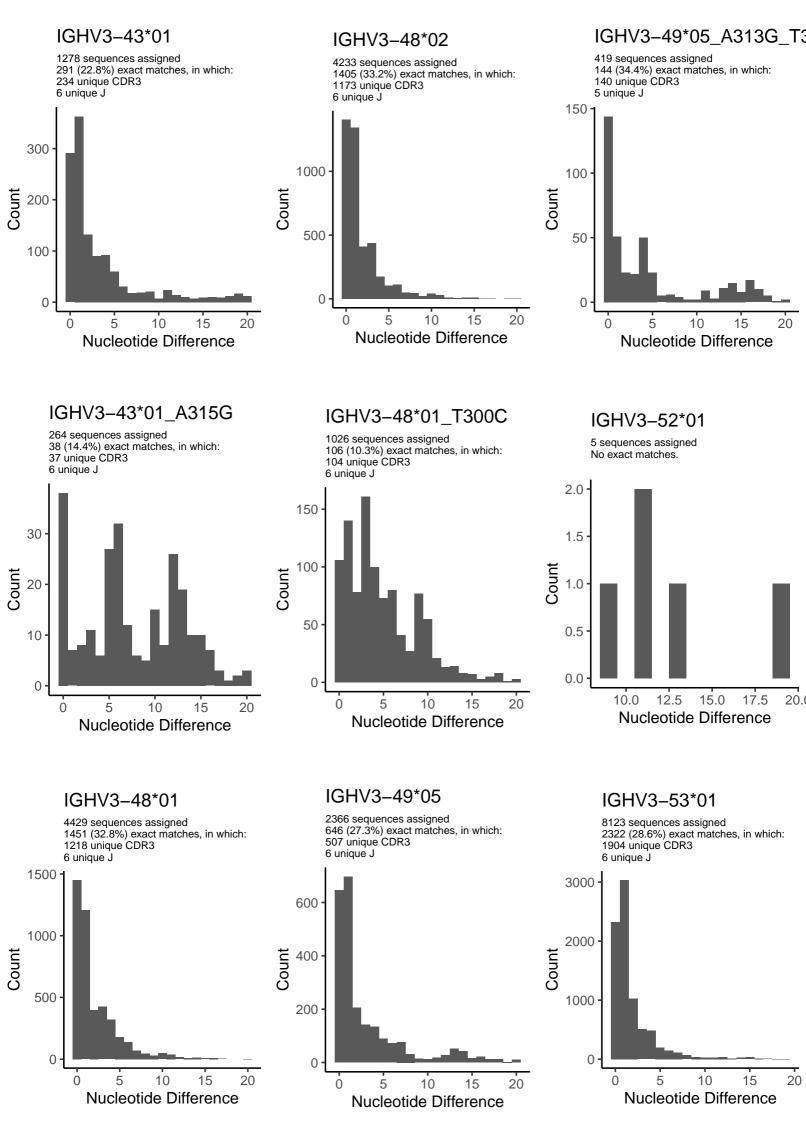


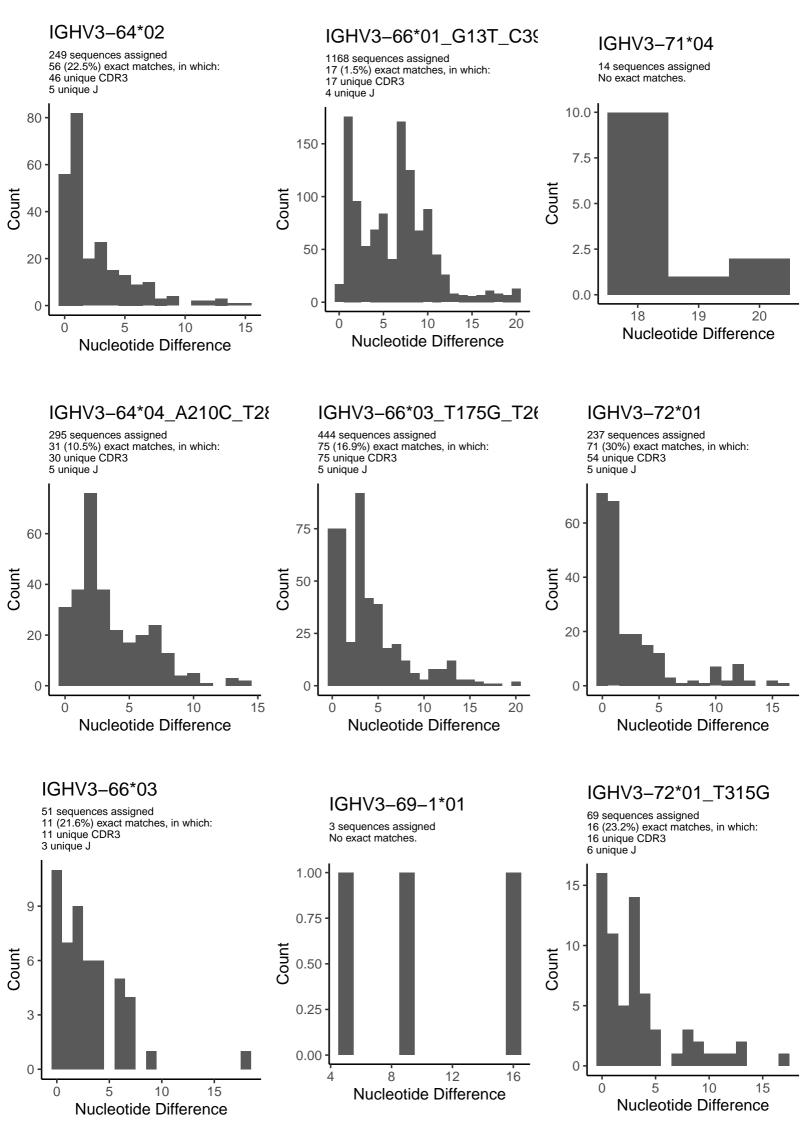


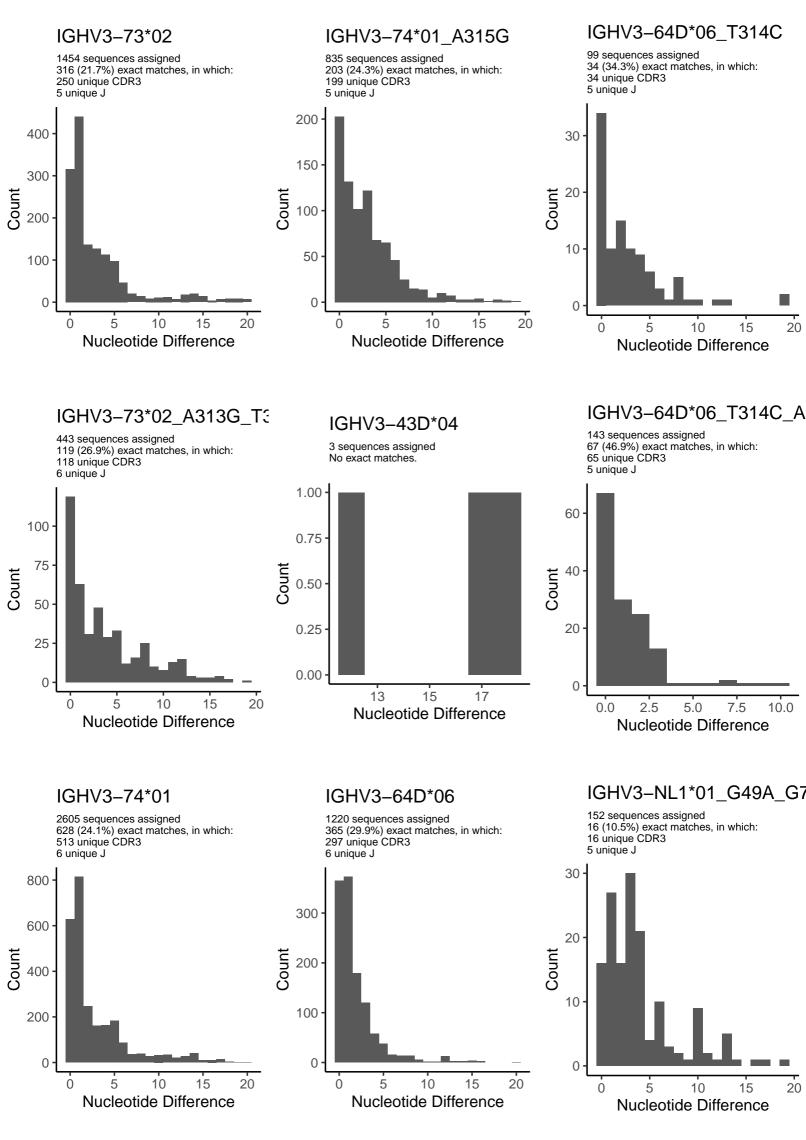


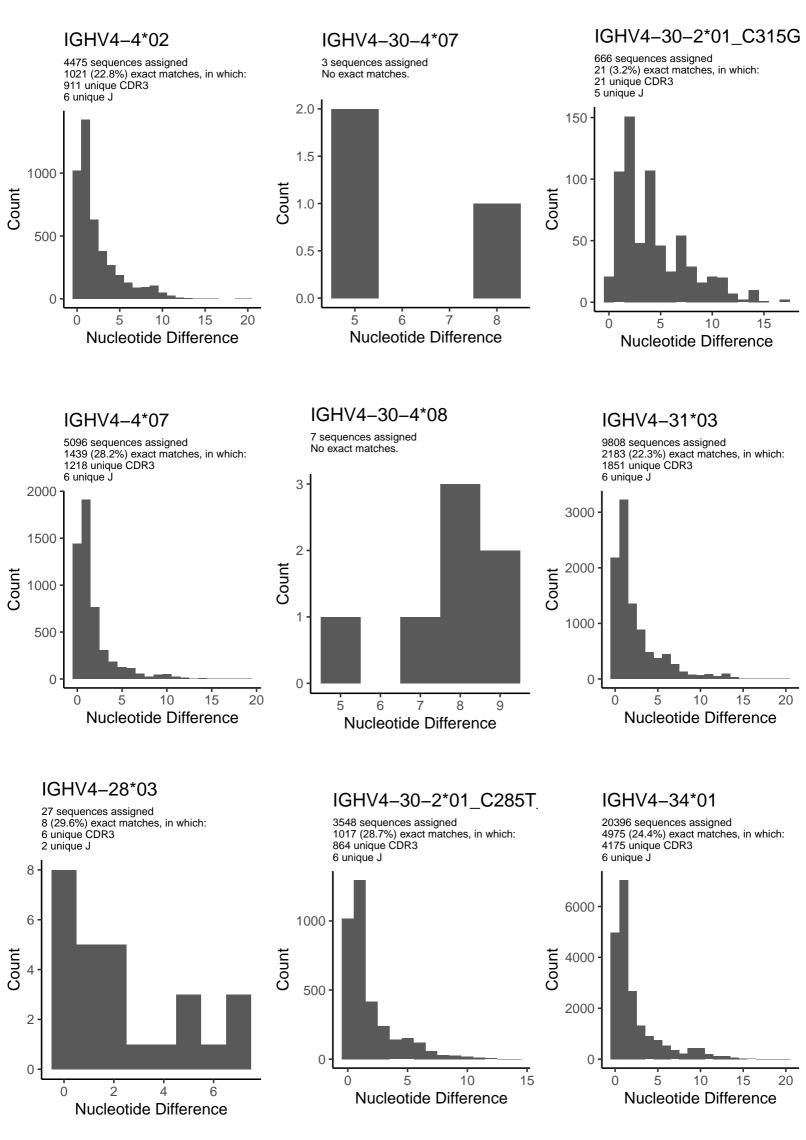


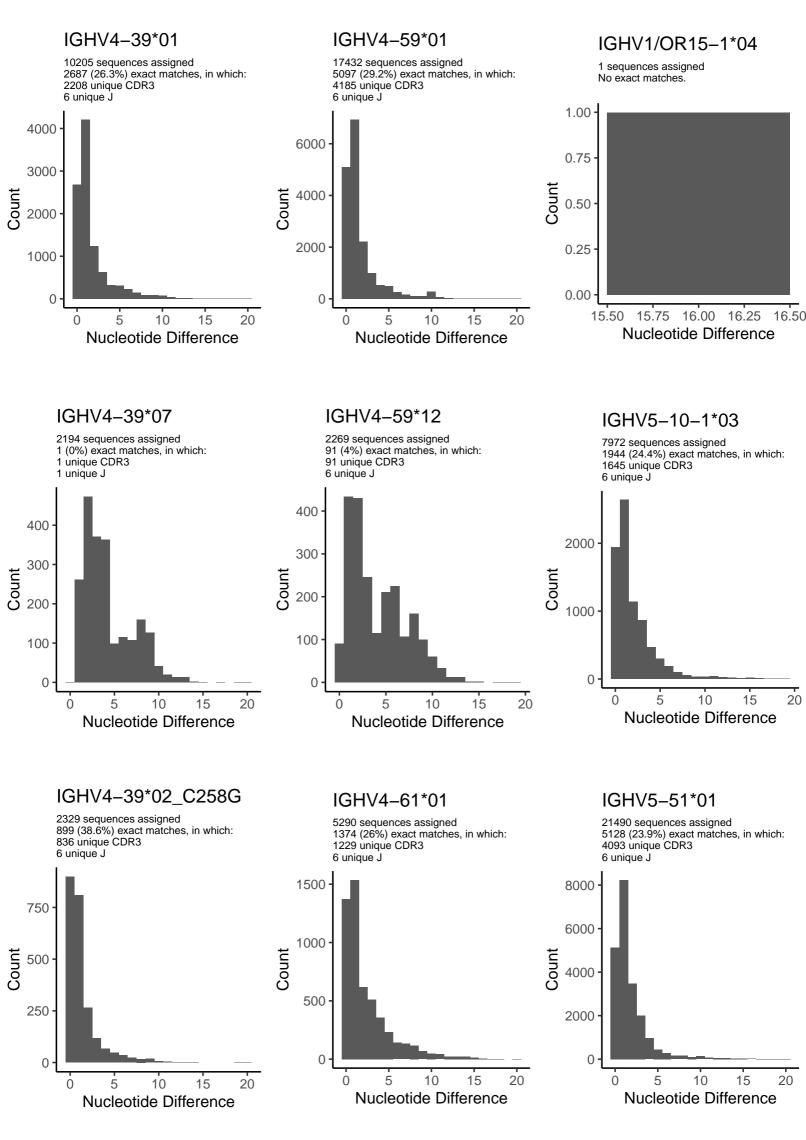








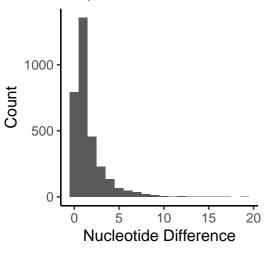




IGHV6-1*01

3177 sequences assigned 794 (25%) exact matches, in which: 604 unique CDR3

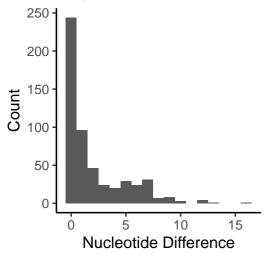
6 unique J



IGHV6-1*01_A315G

539 sequences assigned 244 (45.3%) exact matches, in which: 244 unique CDR3

6 unique J



IGHV7-4-1*01

152 sequences assigned 49 (32.2%) exact matches, in which: 44 unique CDR3 5 unique J

