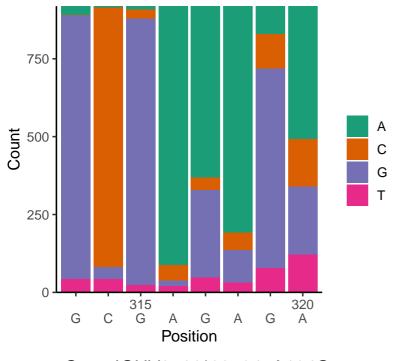
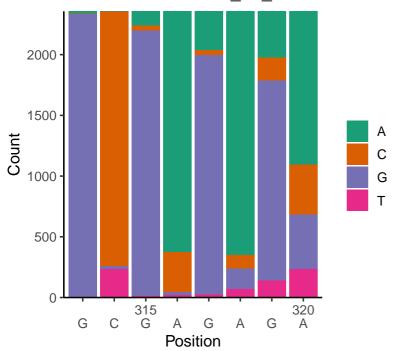
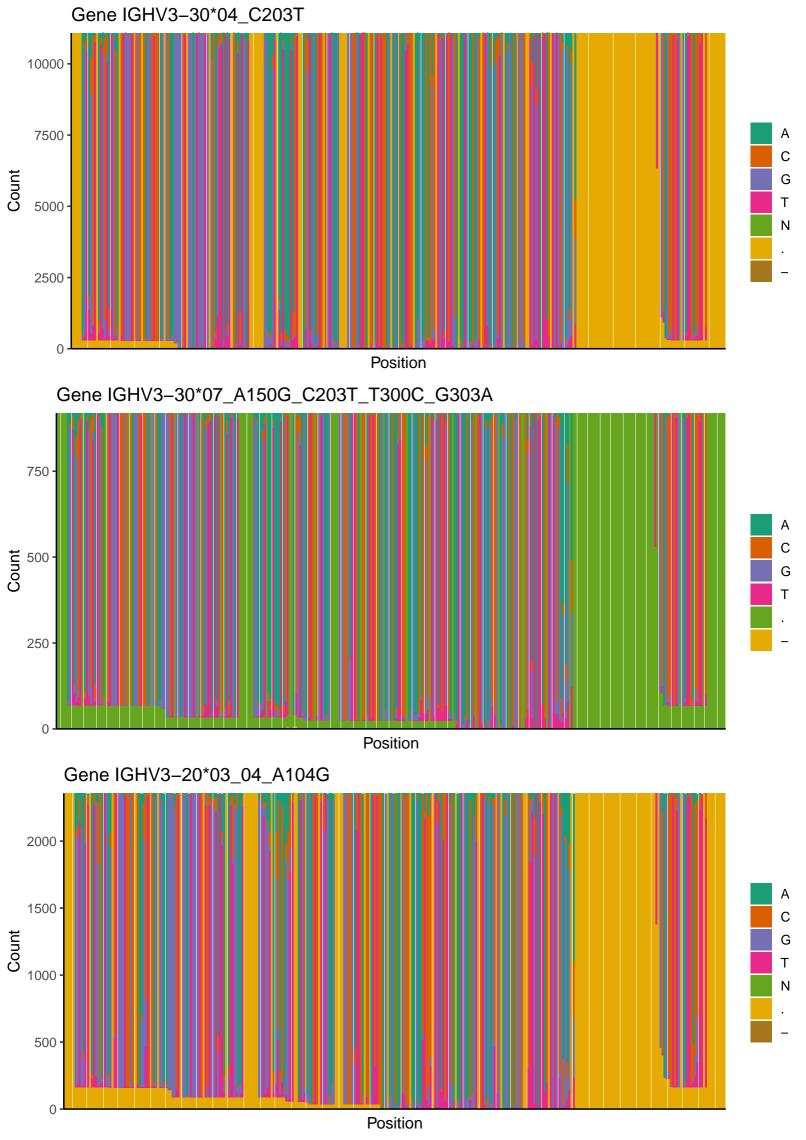


Gene IGHV3-30*07_A150G_C203T_T300C_G303A

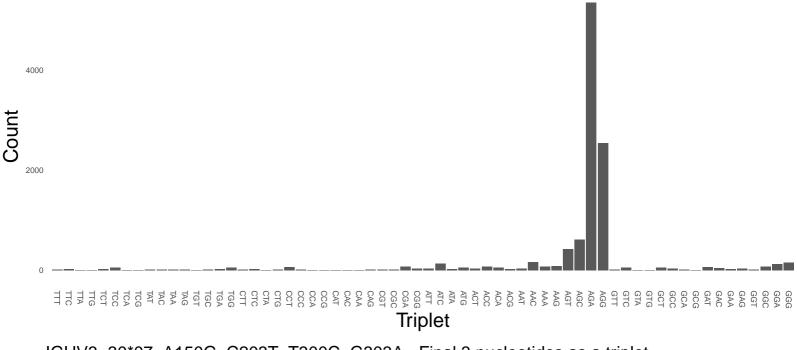


Gene IGHV3-20*03_04_A104G

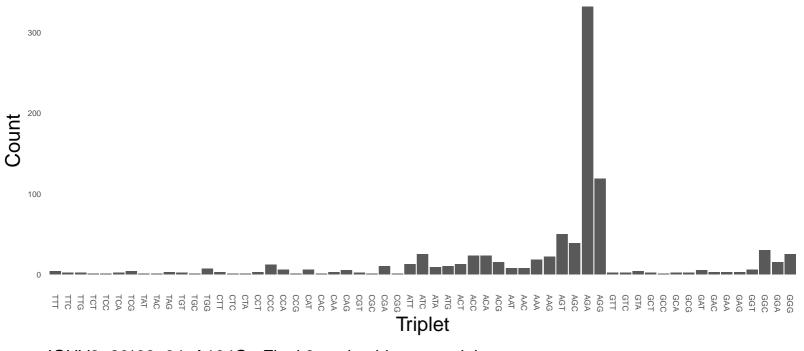




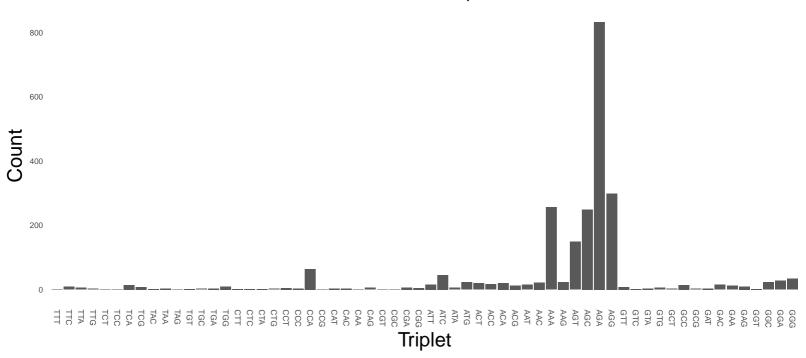
IGHV3-30*04_C203T- Final 3 nucleotides as a triplet

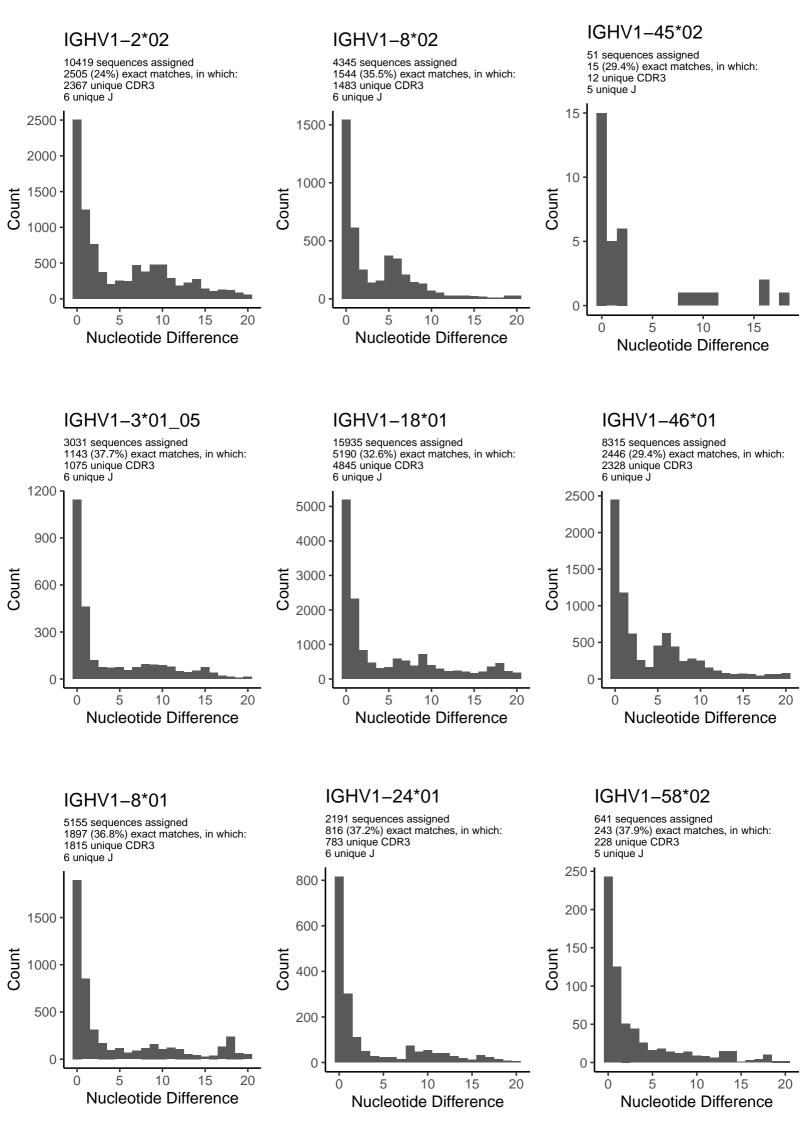


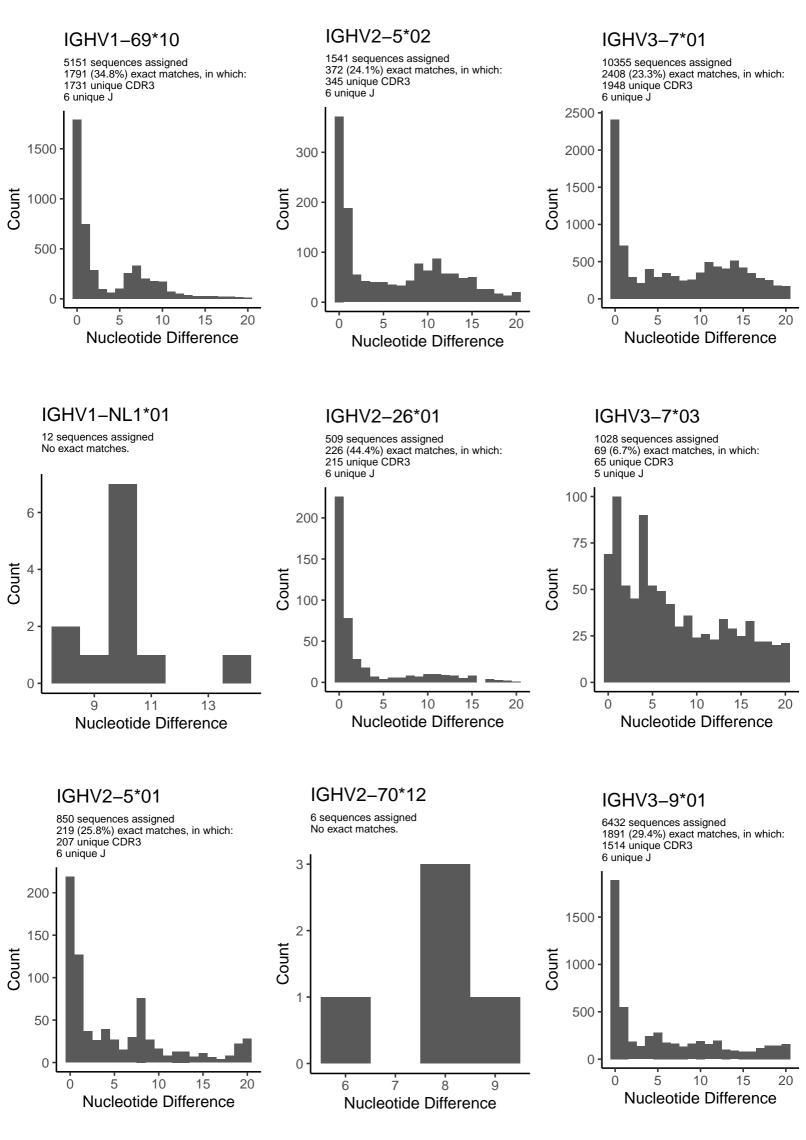
IGHV3-30*07_A150G_C203T_T300C_G303A- Final 3 nucleotides as a triplet

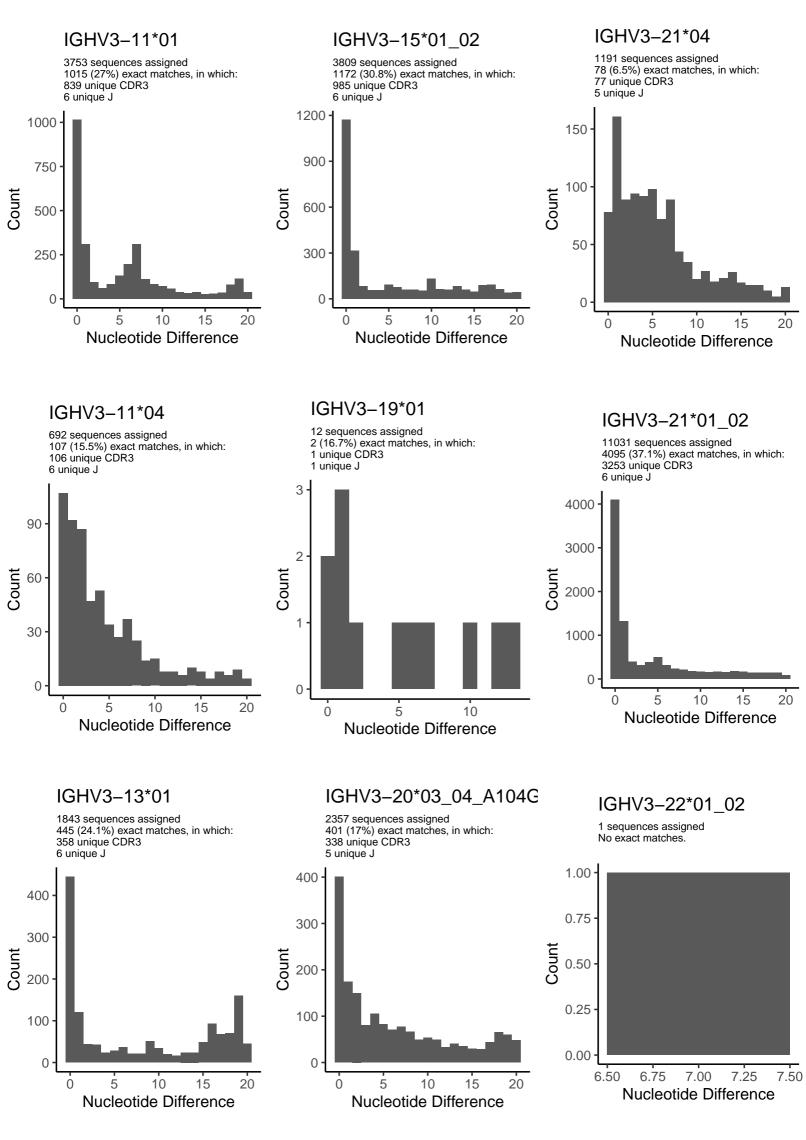


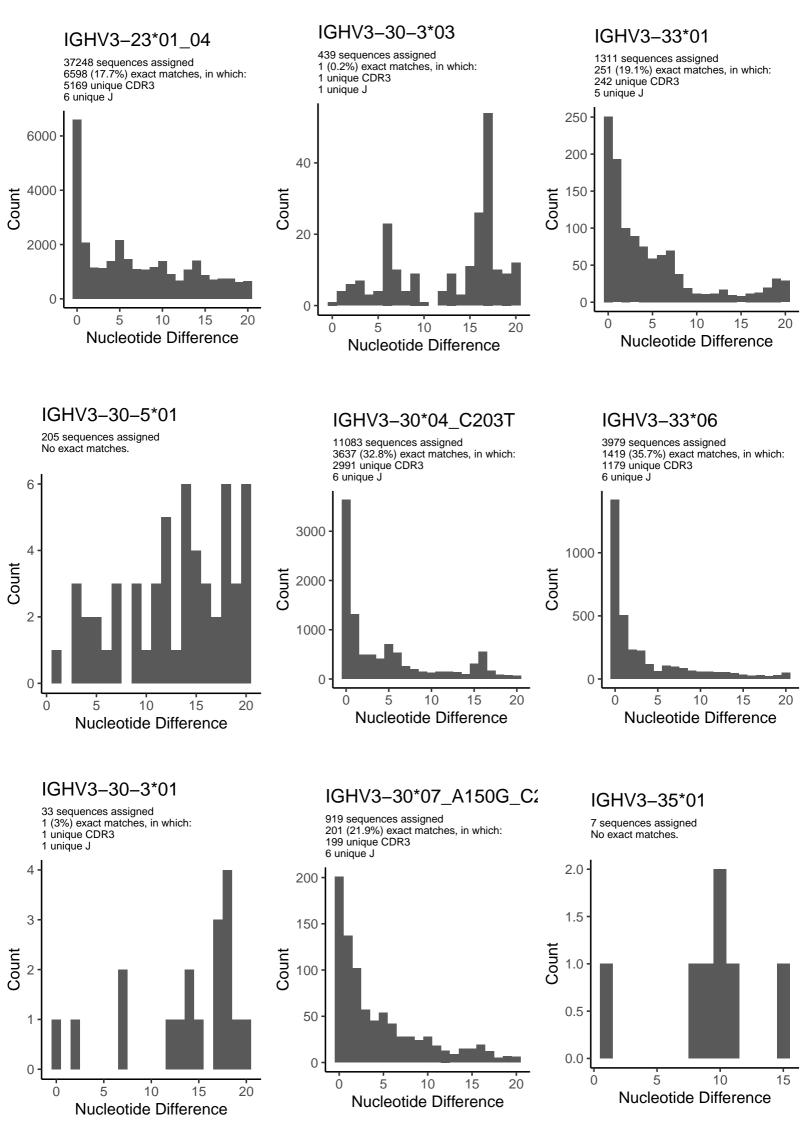
IGHV3-20*03_04_A104G- Final 3 nucleotides as a triplet

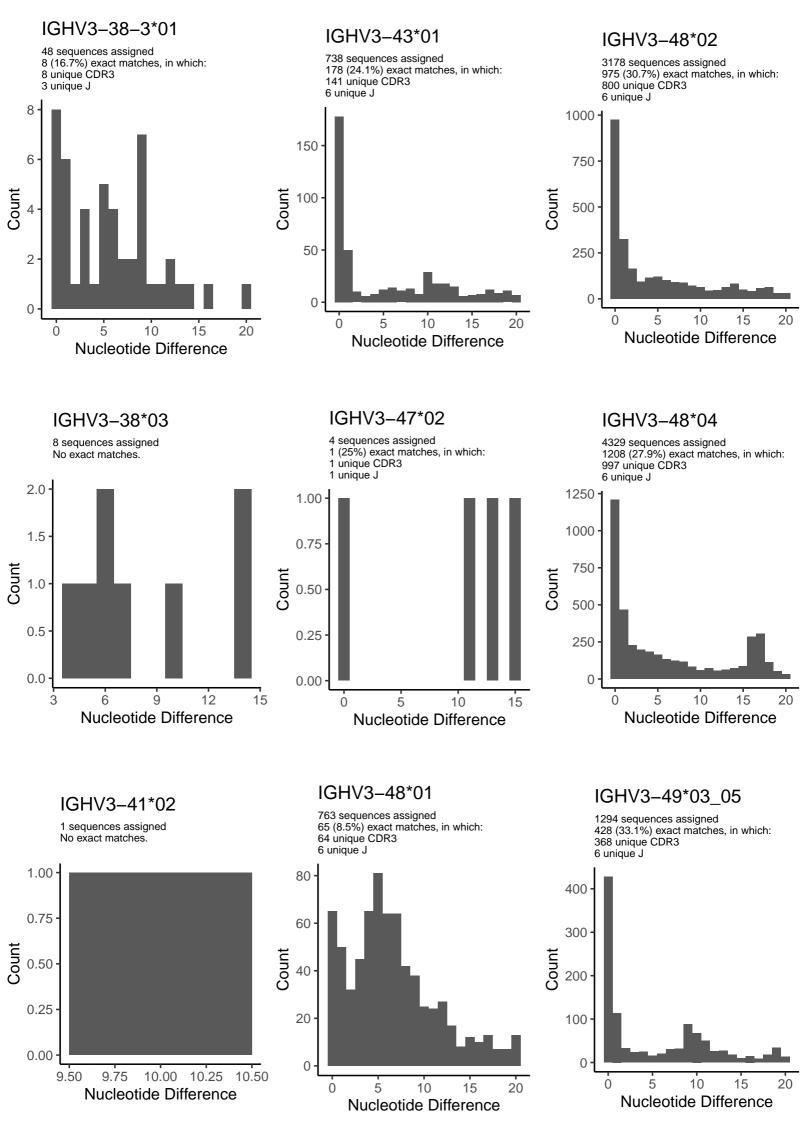


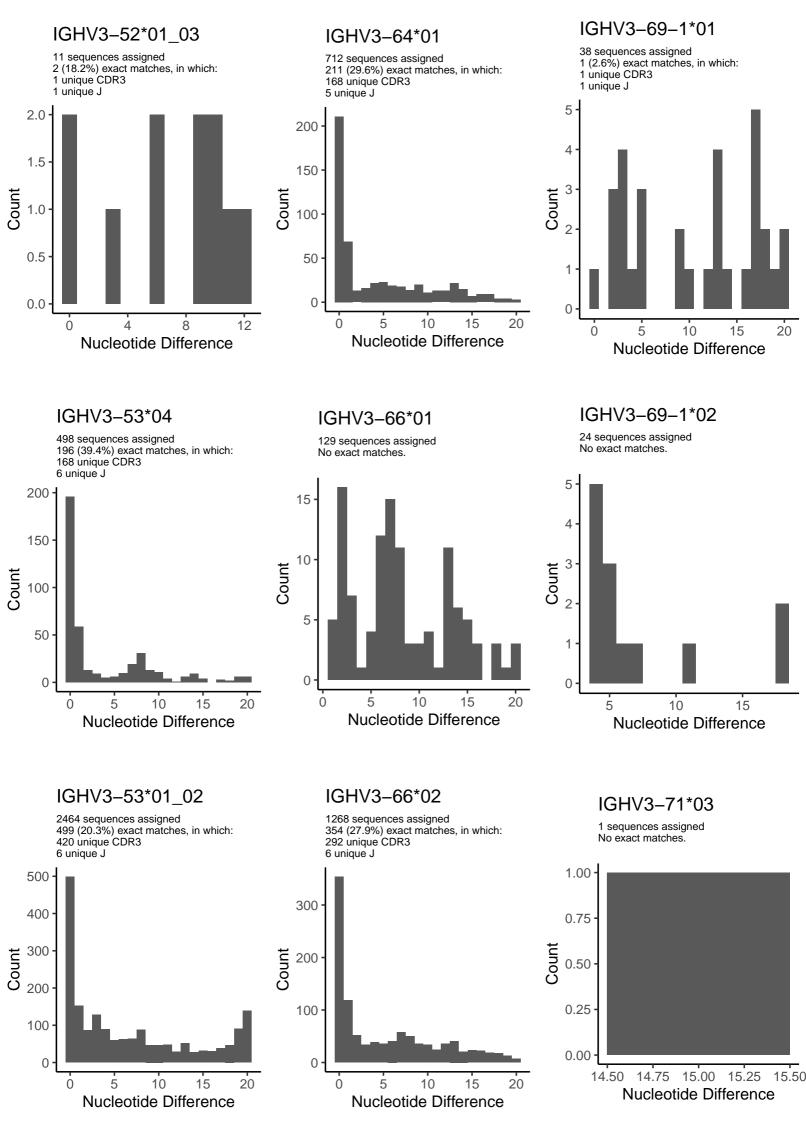


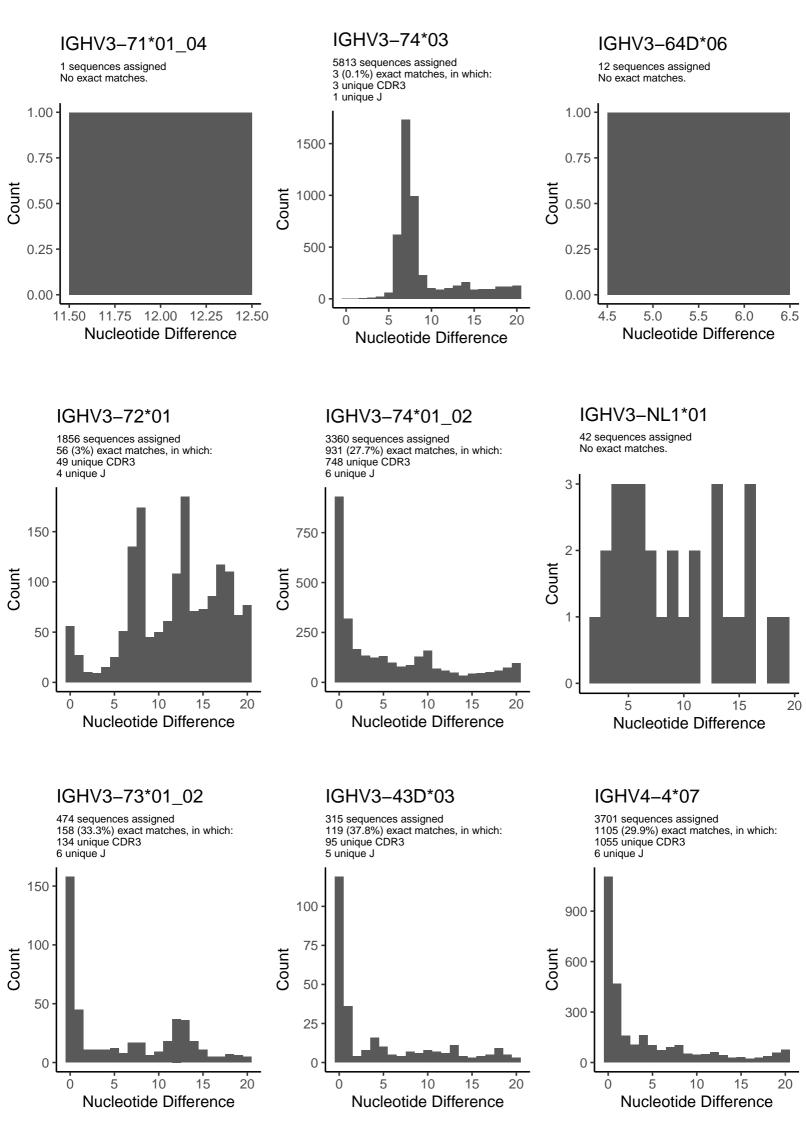


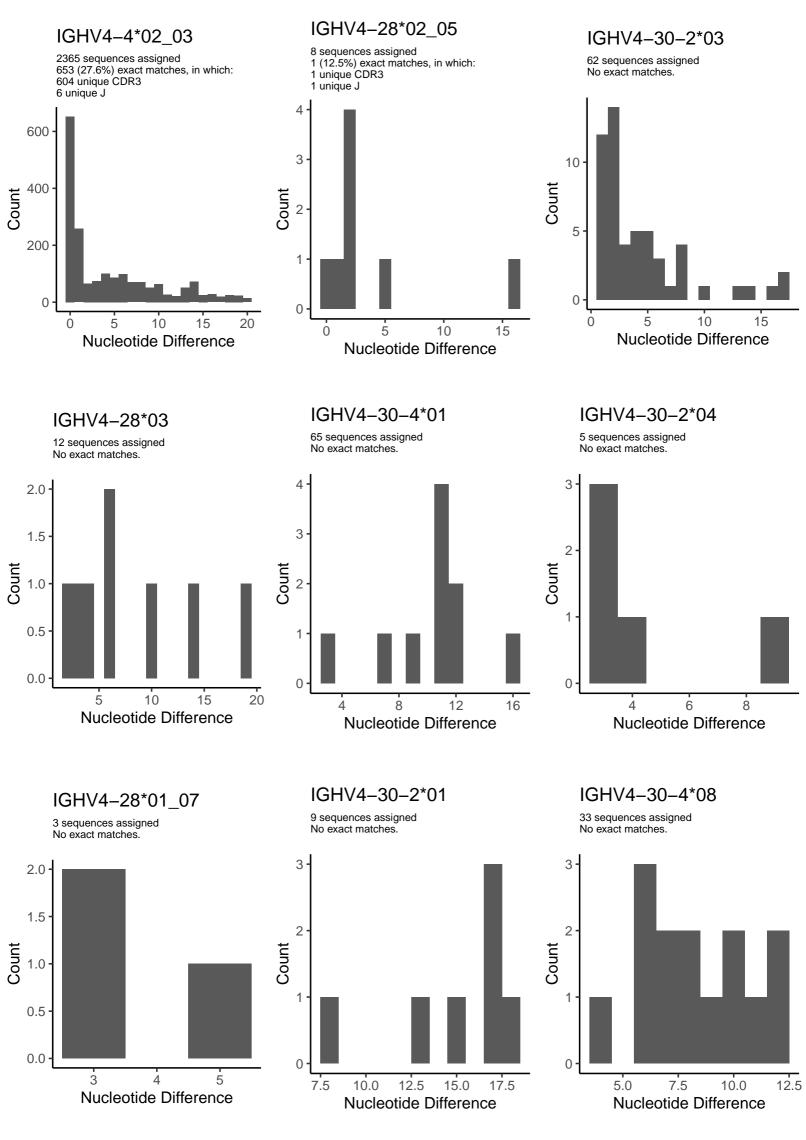


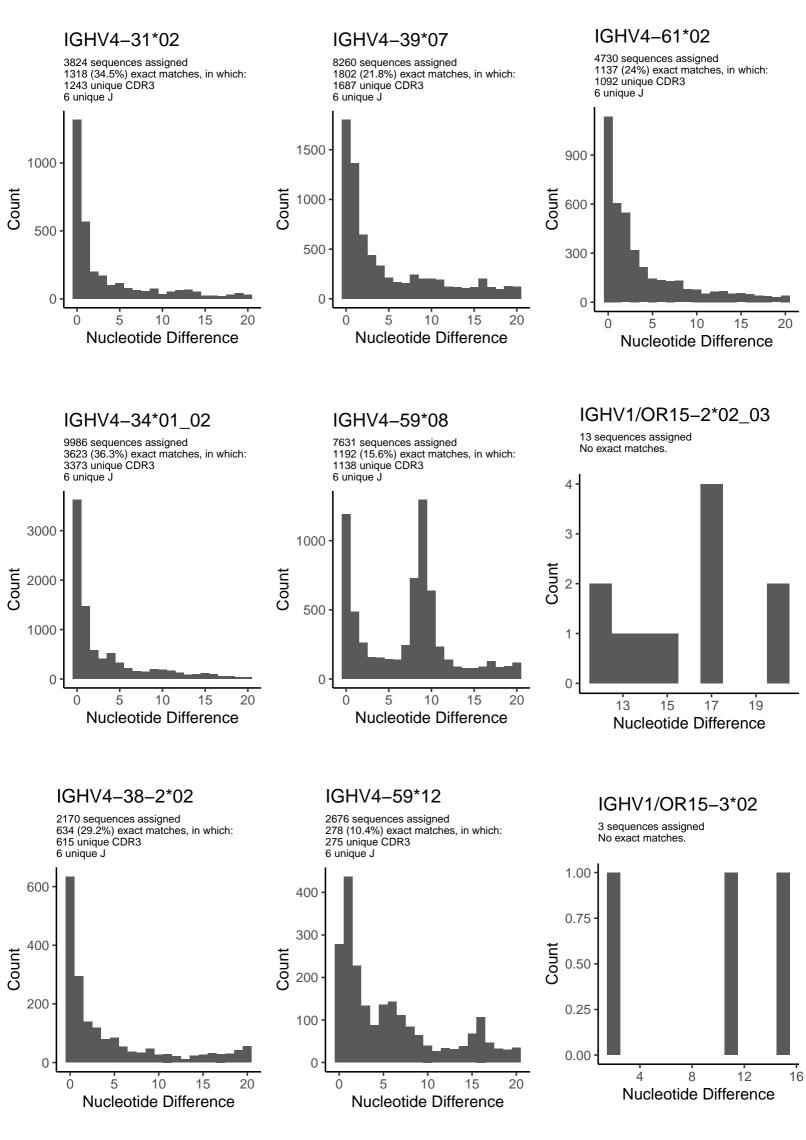


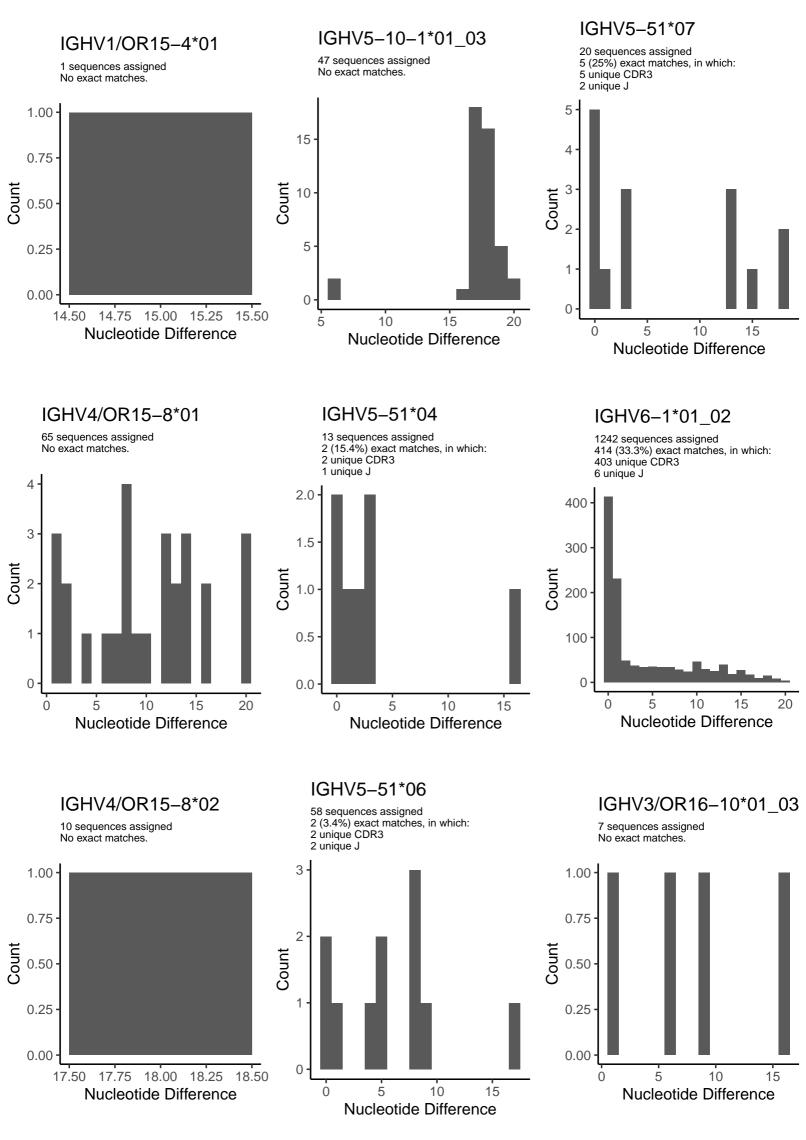






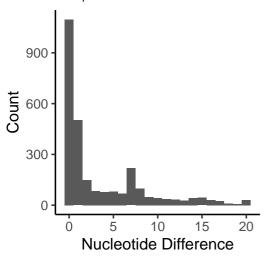


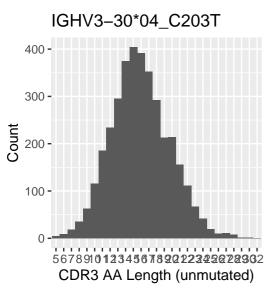




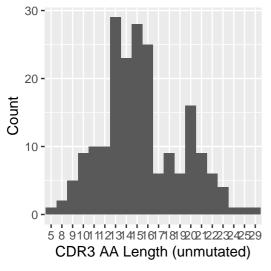
IGHV7-4-1*02

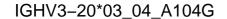
3398 sequences assigned 1098 (32.3%) exact matches, in which: 1053 unique CDR3 6 unique J

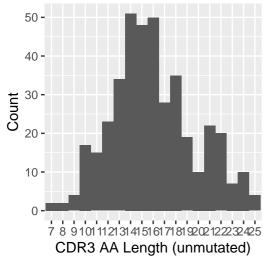














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