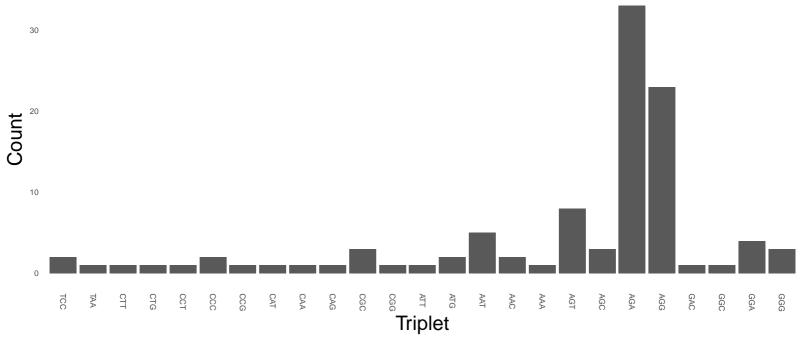
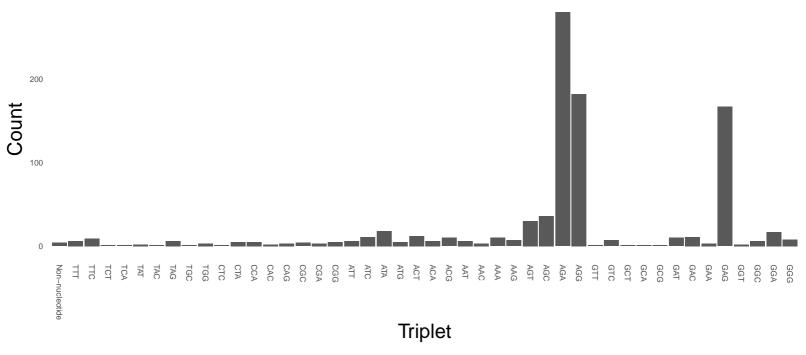
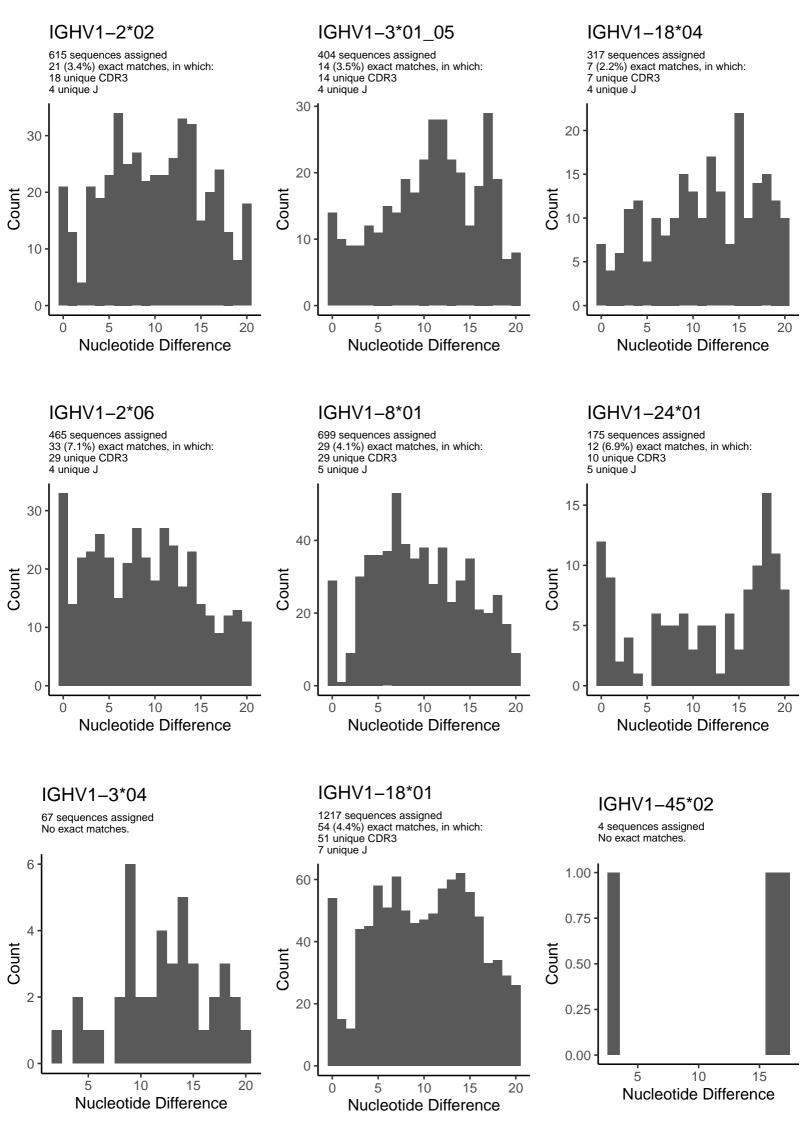


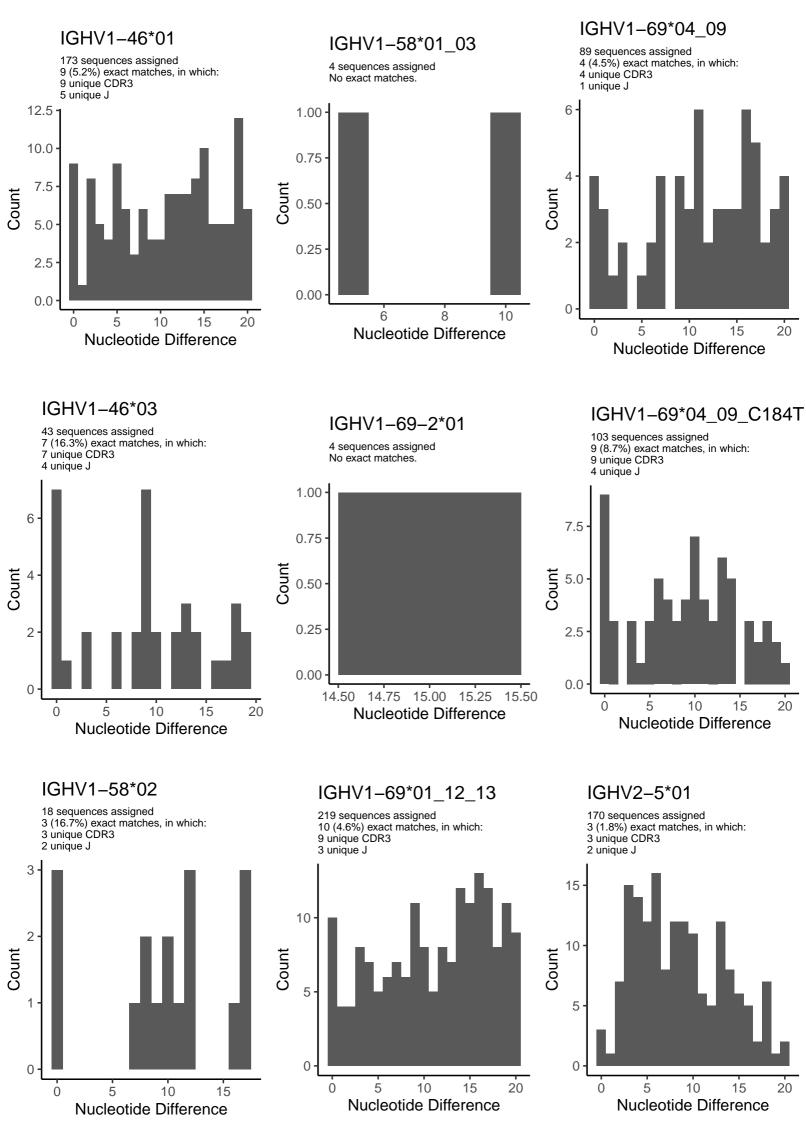
IGHV1-69*04_09_C184T- Final 3 nucleotides as a triplet

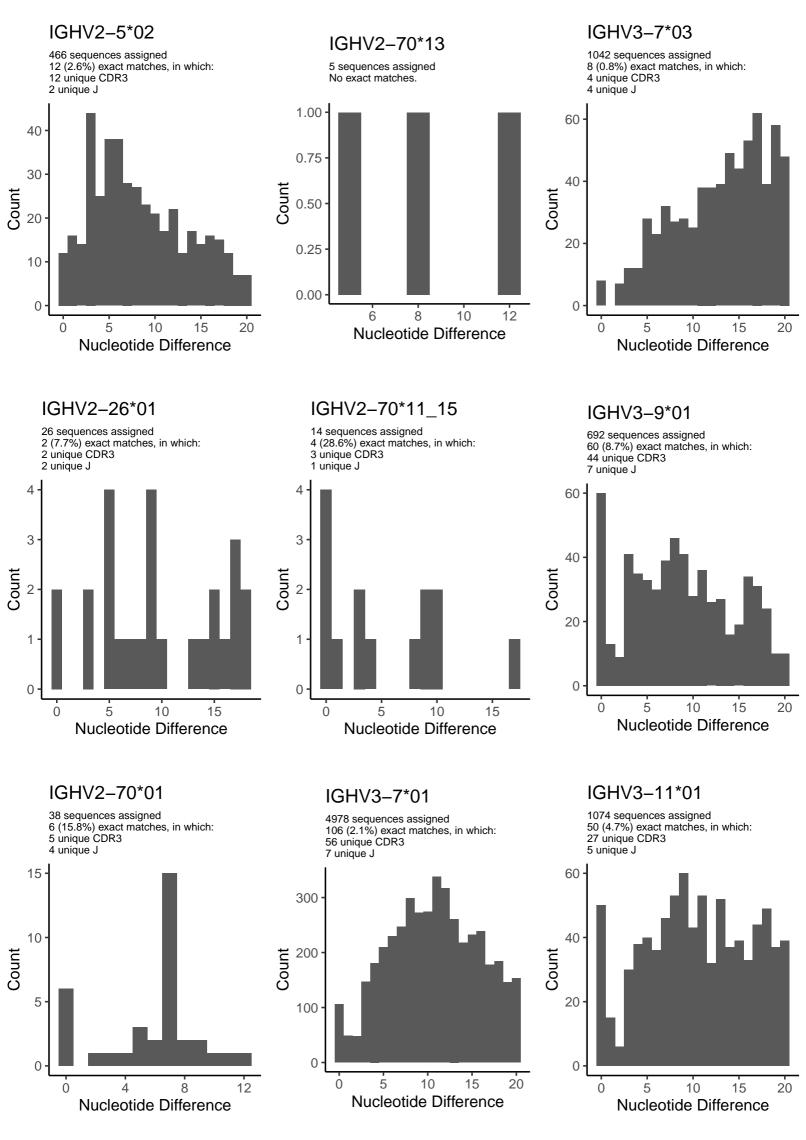


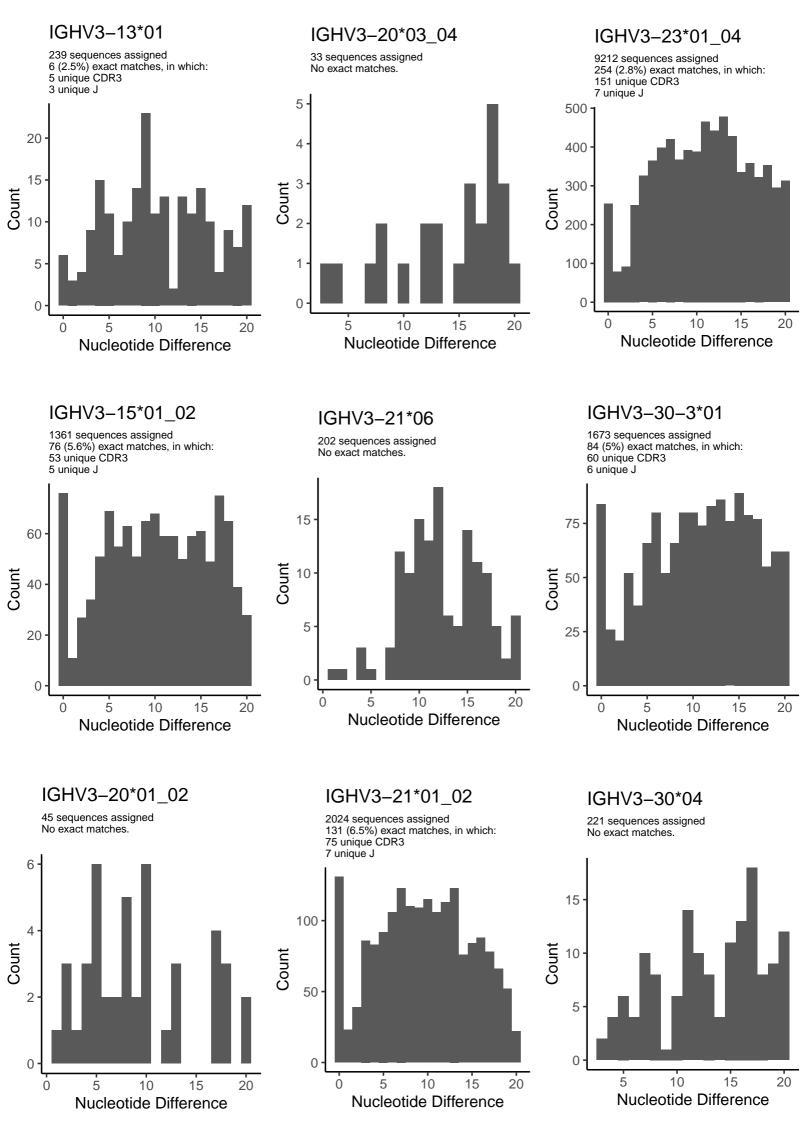
IGHV4-61*02_A234G- Final 3 nucleotides as a triplet

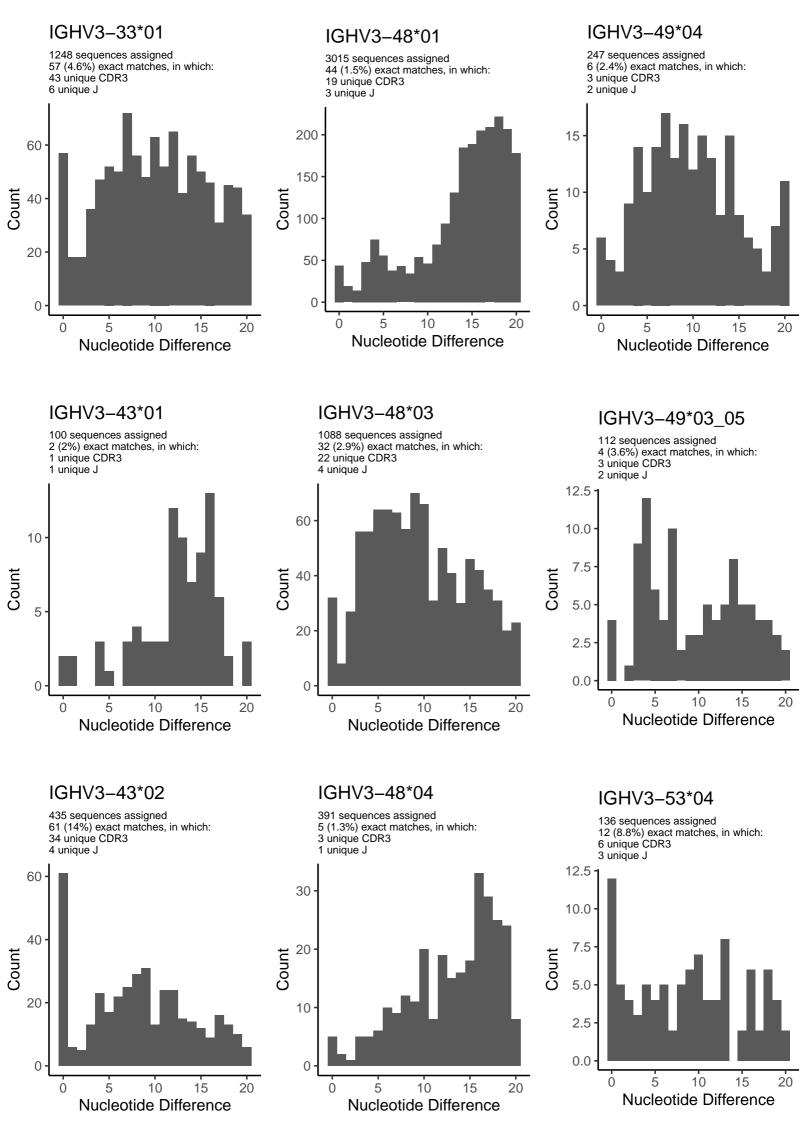


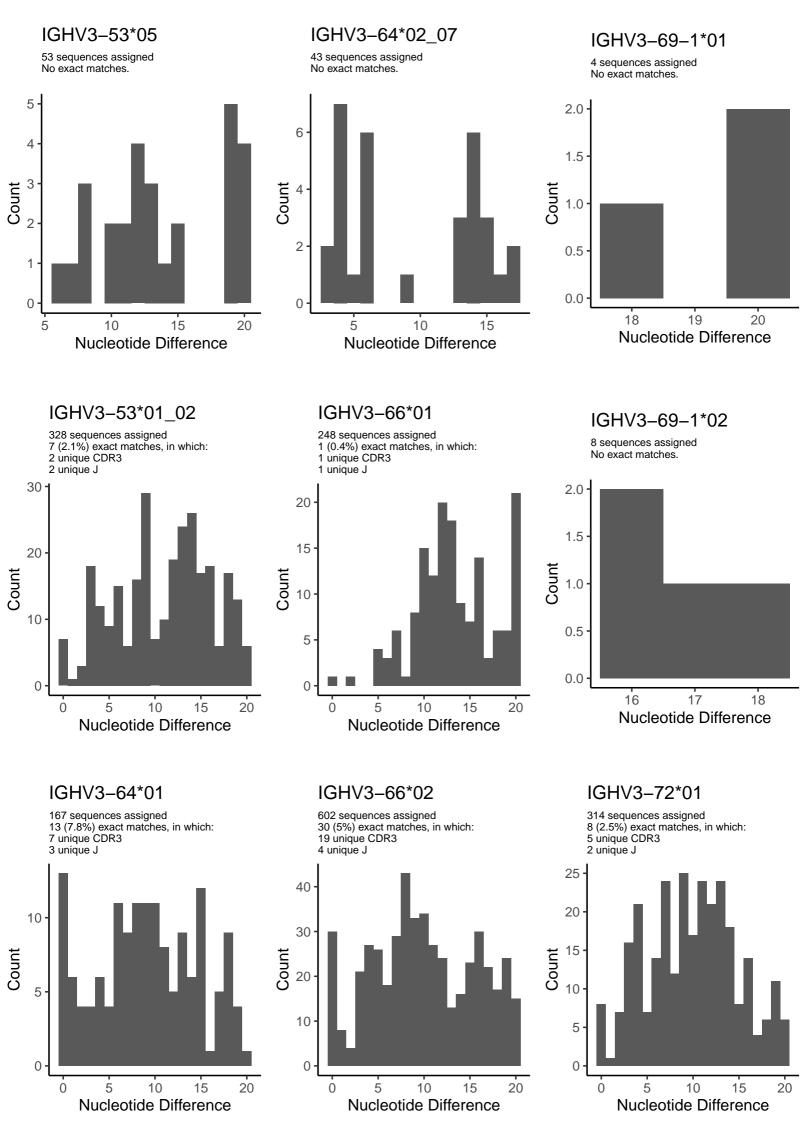


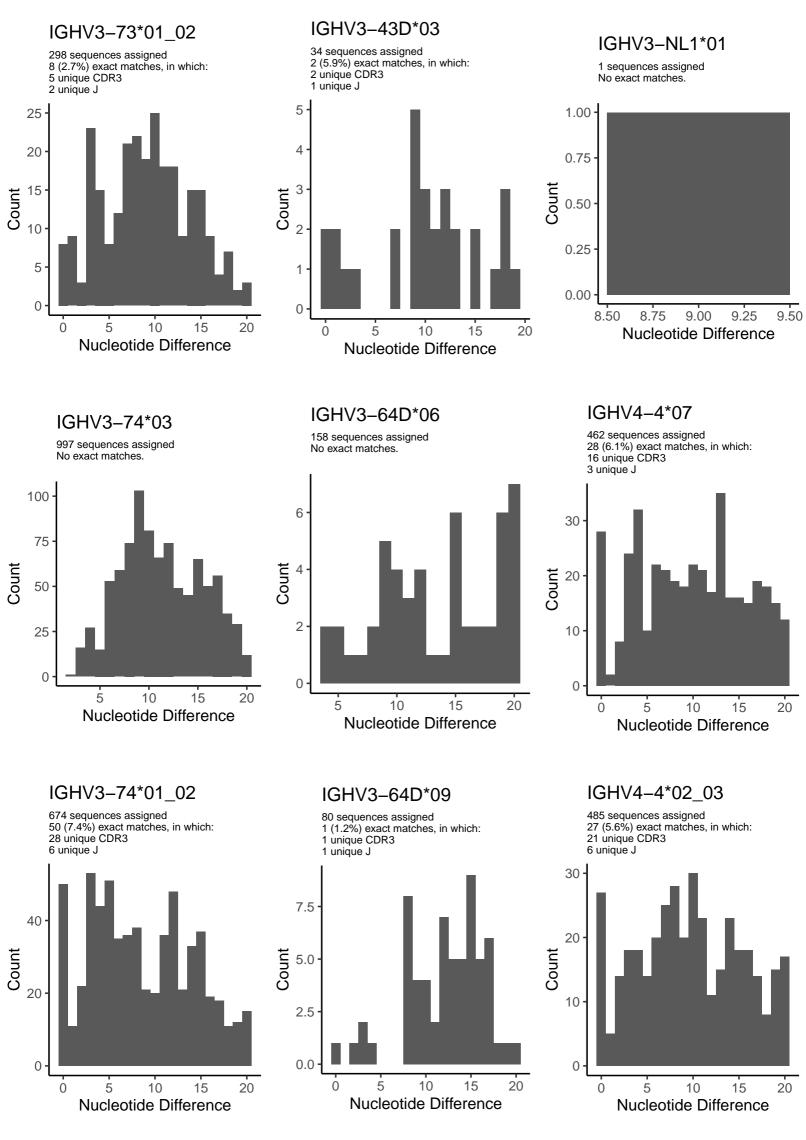


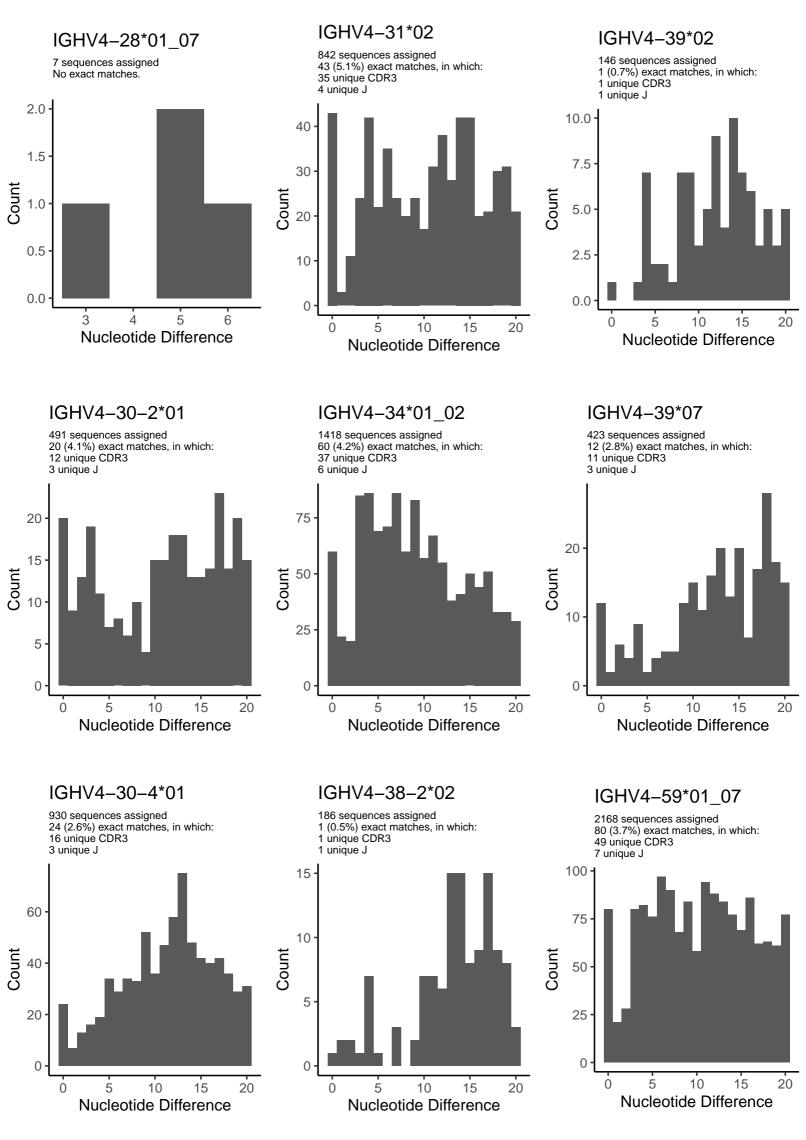


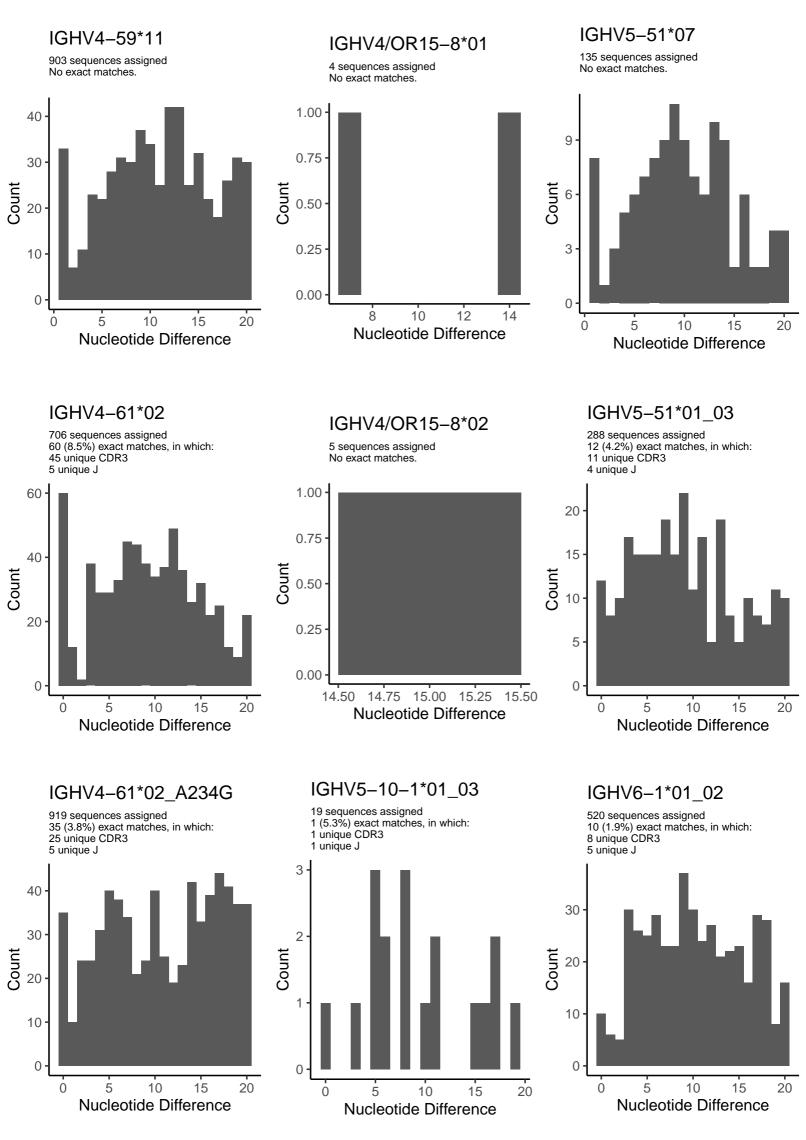






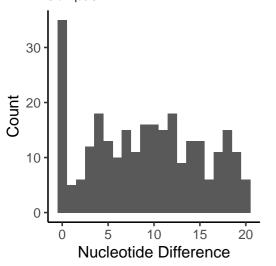


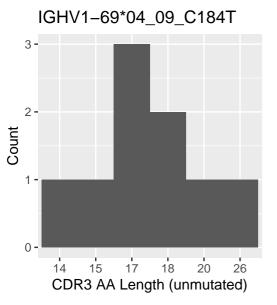


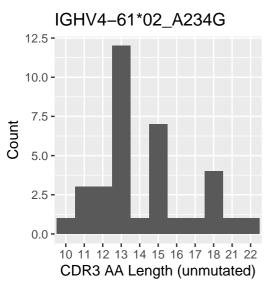


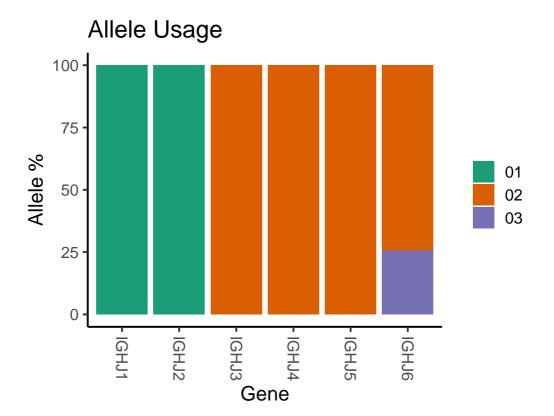
IGHV7-4-1*02

311 sequences assigned 35 (11.3%) exact matches, in which: 33 unique CDR3 5 unique J

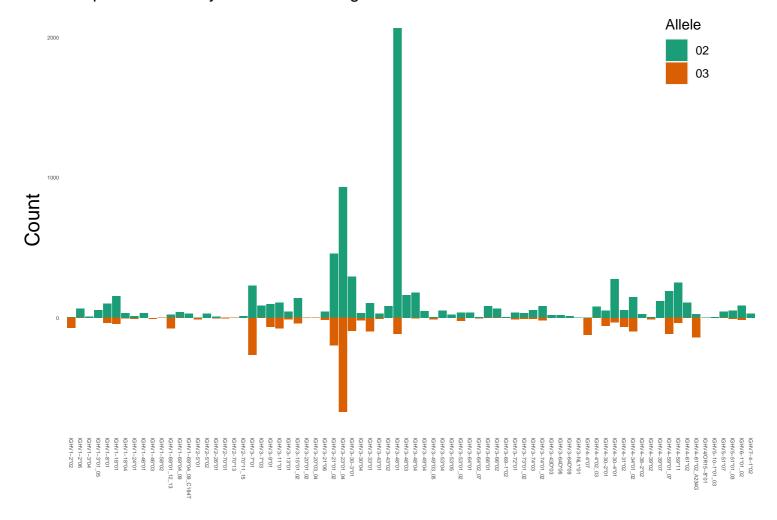








Sequence Count by IGHJ6 allele usage



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