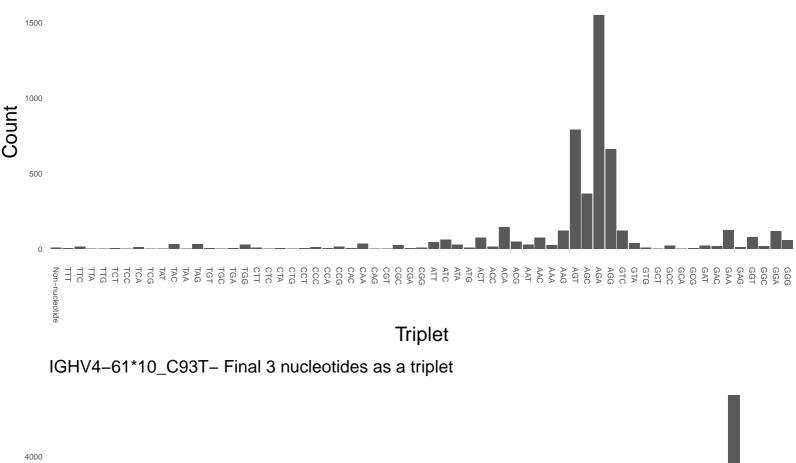
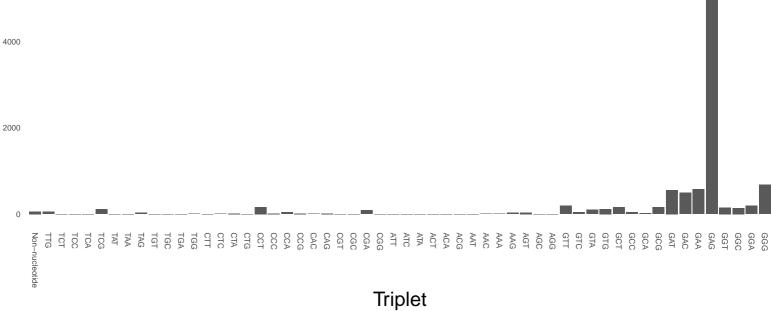
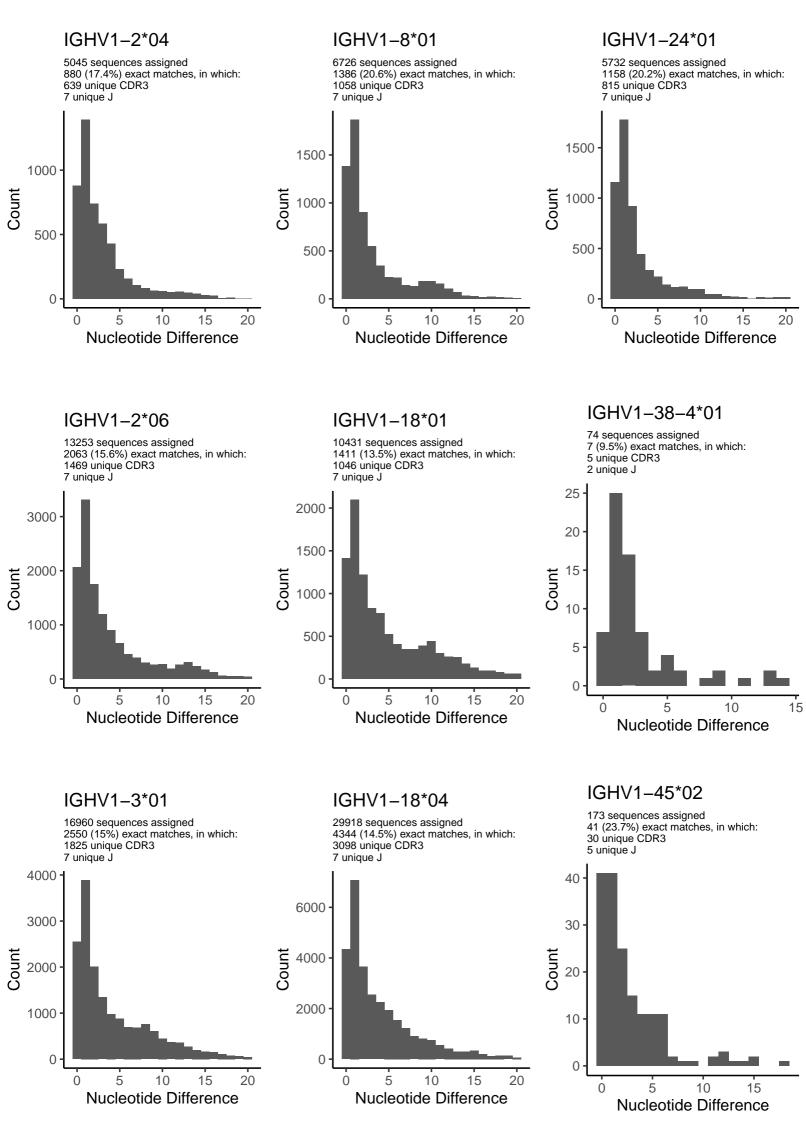
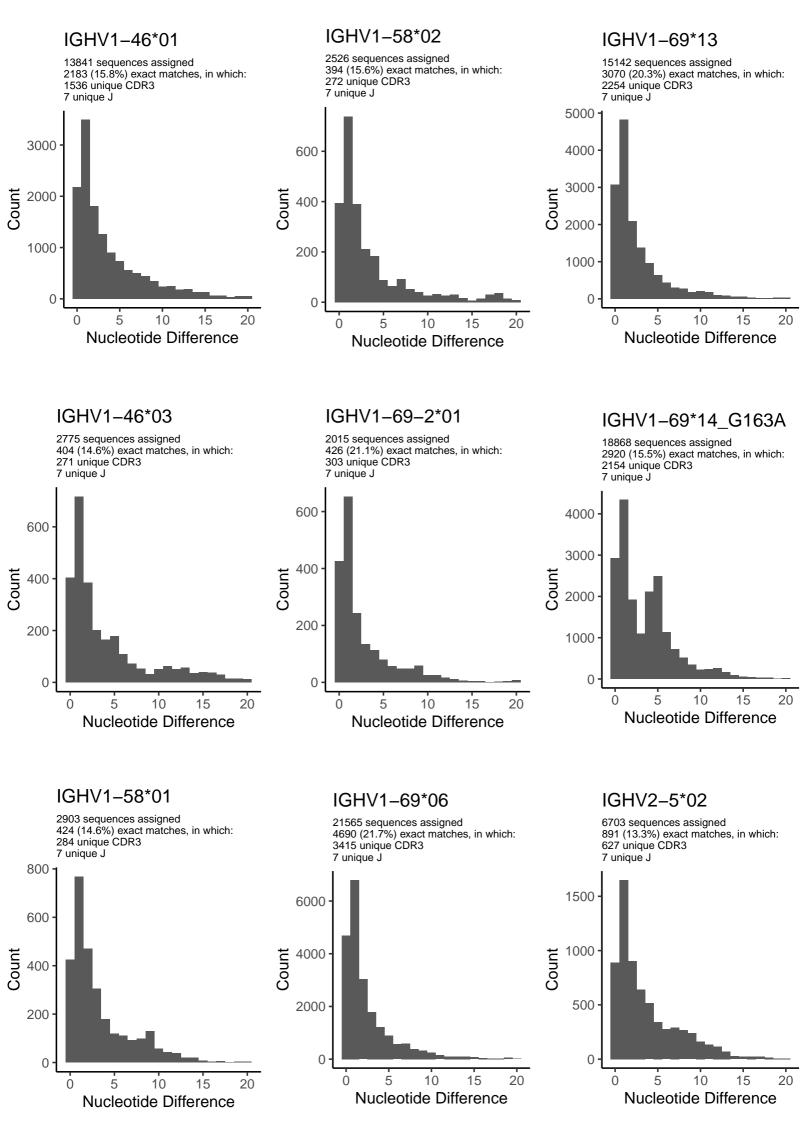


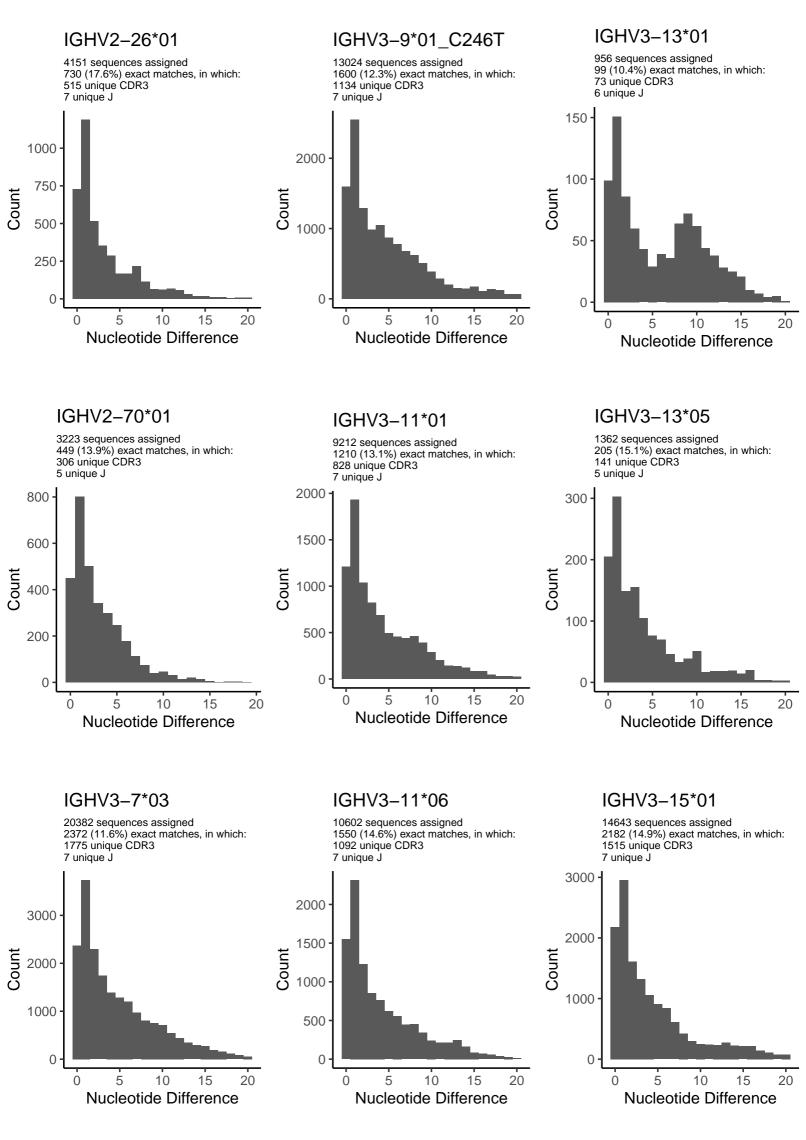
IGHV4-38-2*02_A70G- Final 3 nucleotides as a triplet

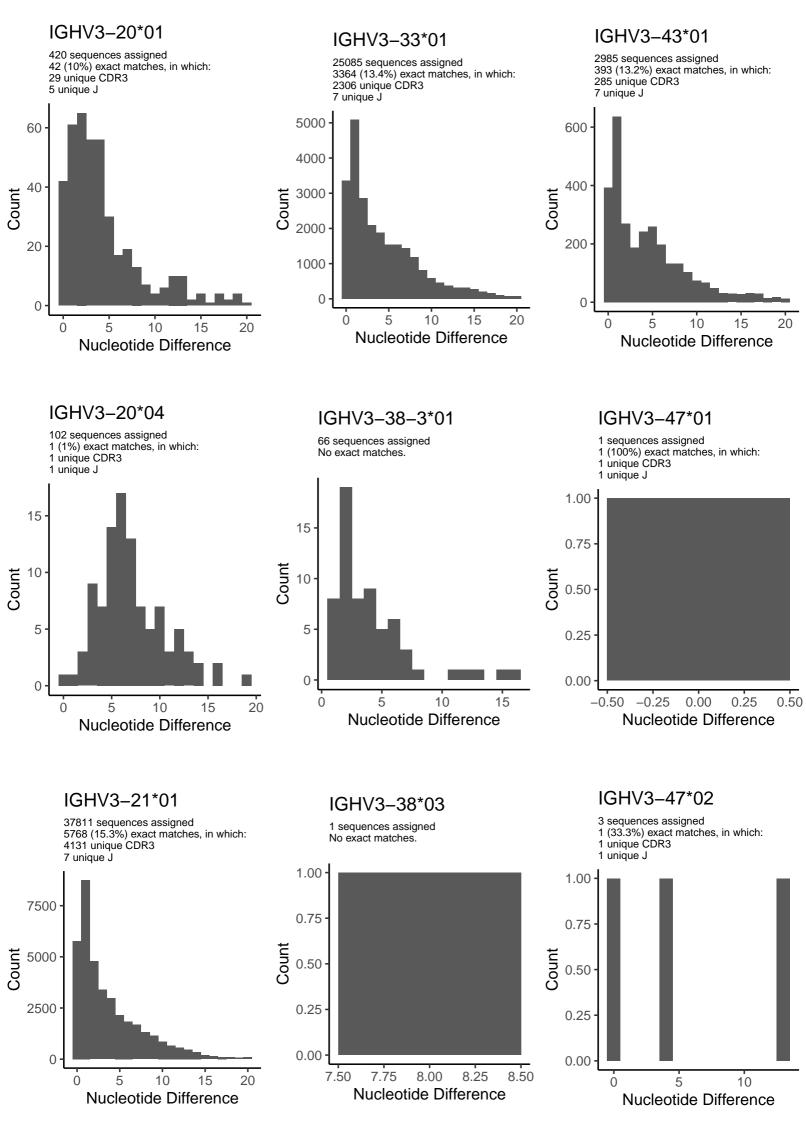


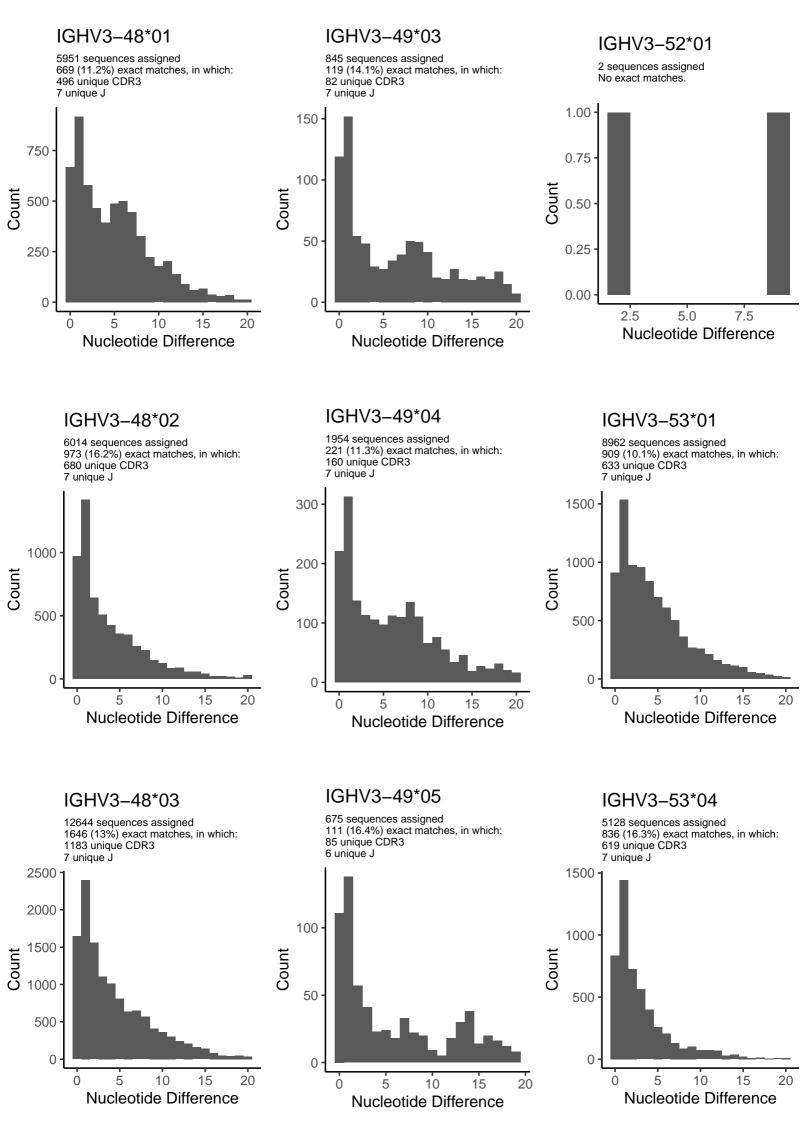


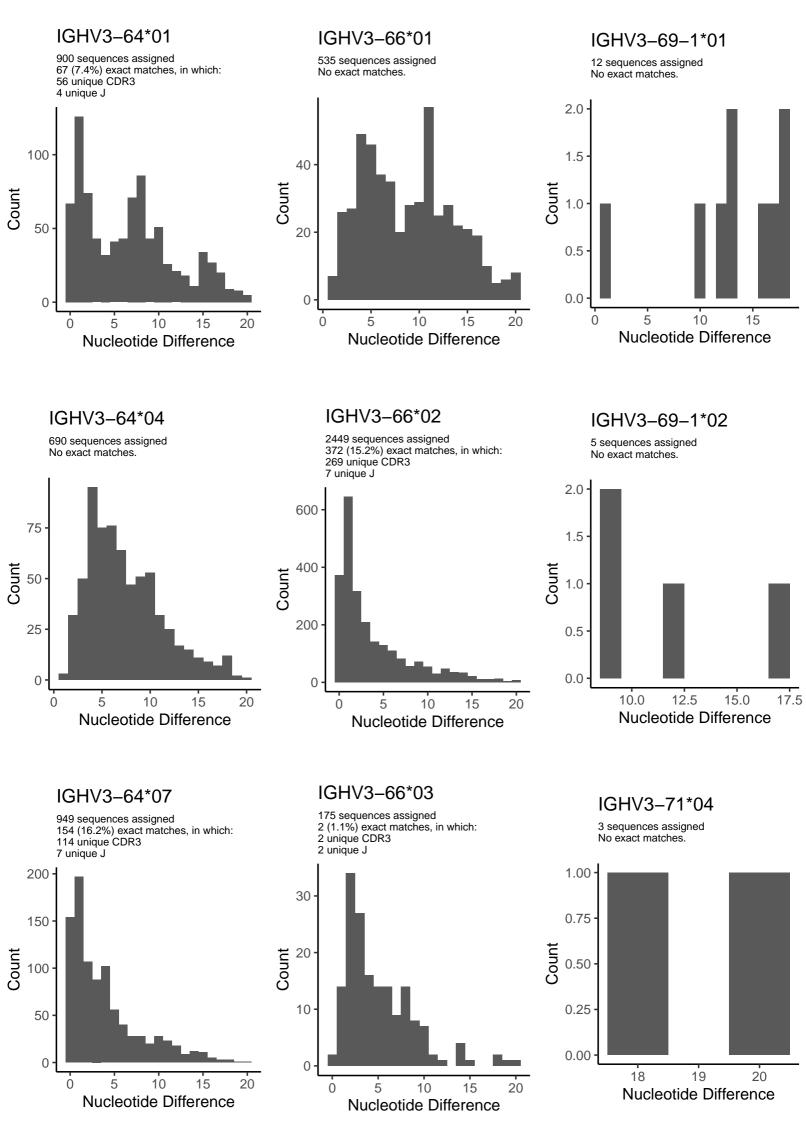


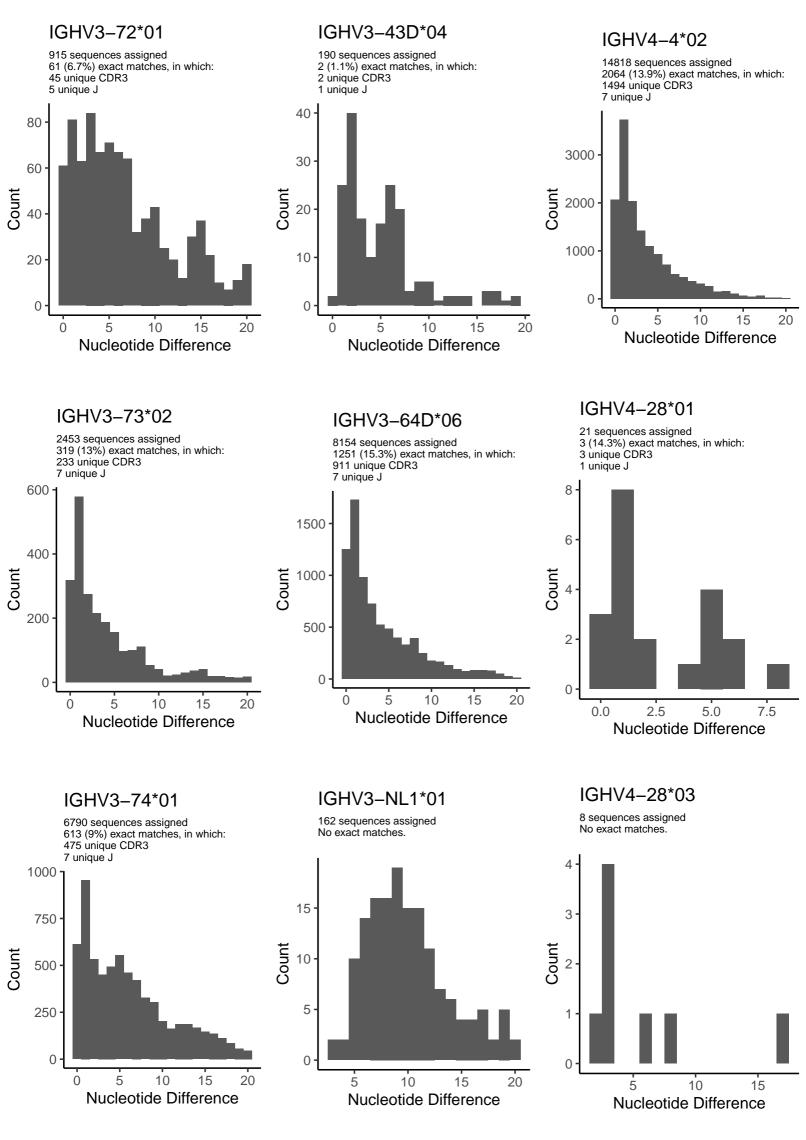


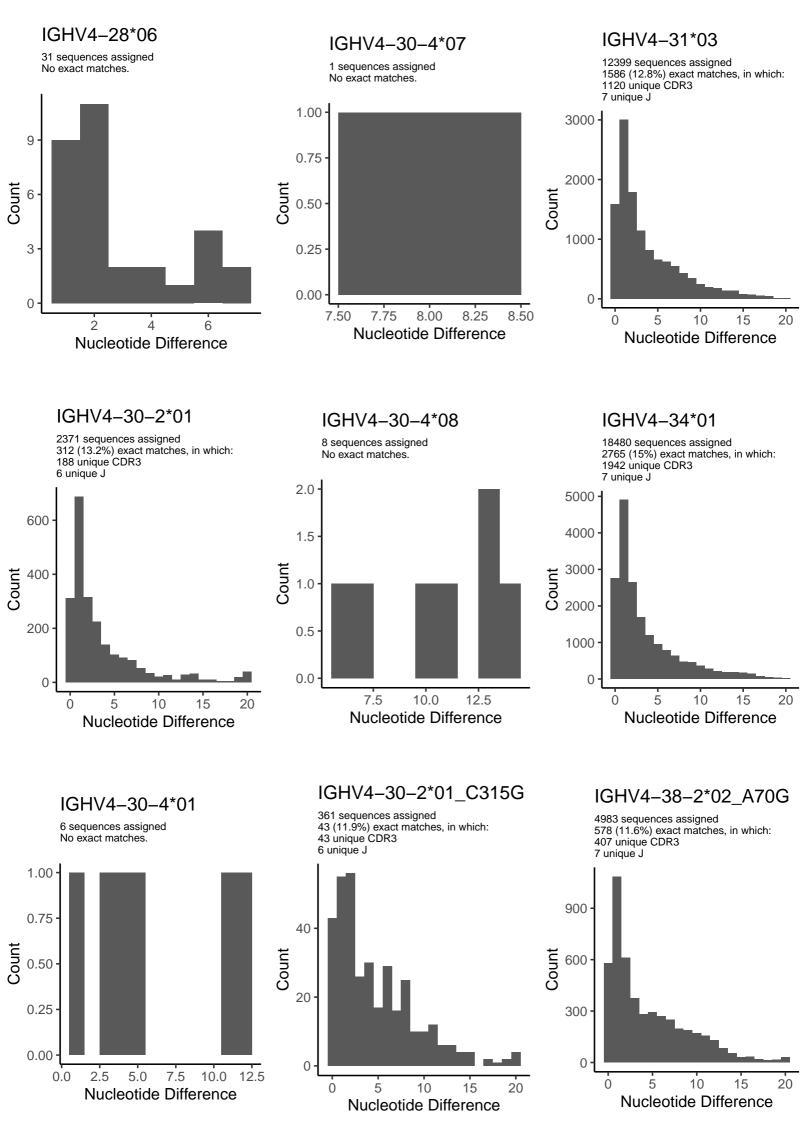


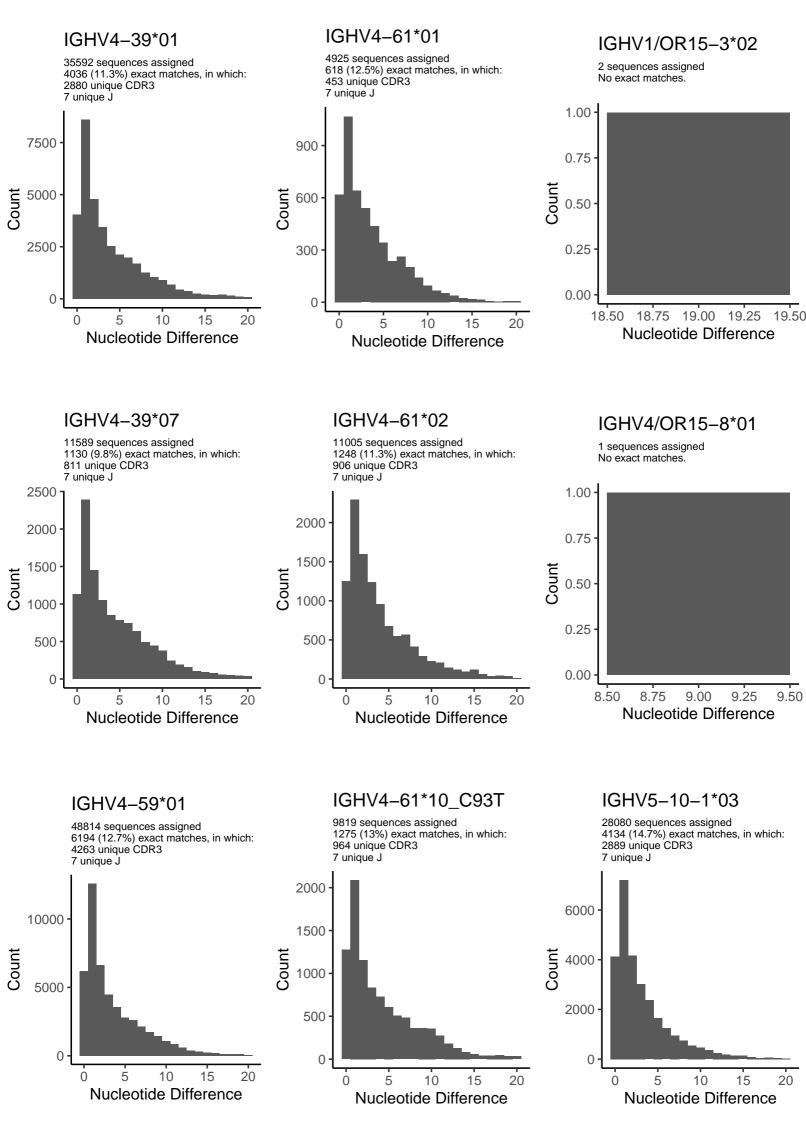






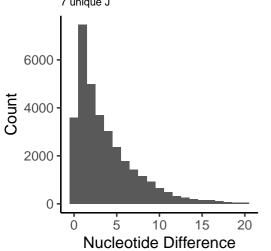






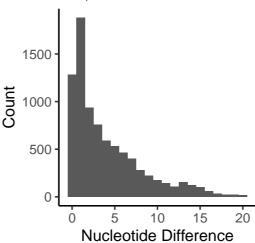
IGHV5-51*01

33233 sequences assigned 3602 (10.8%) exact matches, in which: 2579 unique CDR3 7 unique J



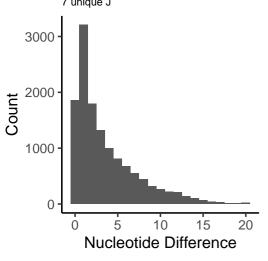
IGHV7-4-1*02

8396 sequences assigned 1282 (15.3%) exact matches, in which: 932 unique CDR3 7 unique J



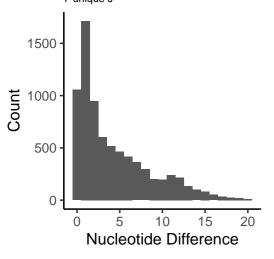
IGHV5-51*03

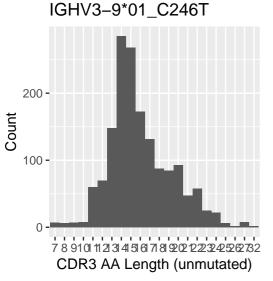
13230 sequences assigned 1859 (14.1%) exact matches, in which: 1375 unique CDR3 7 unique J

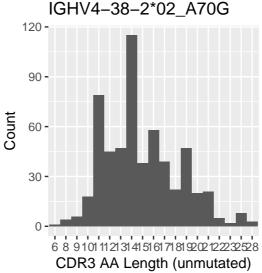


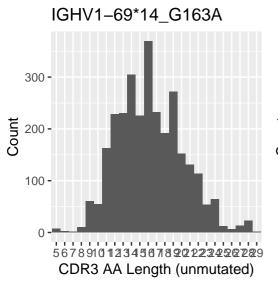
IGHV6-1*01

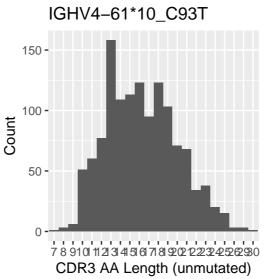
7753 sequences assigned 1056 (13.6%) exact matches, in which: 721 unique CDR3 7 unique J

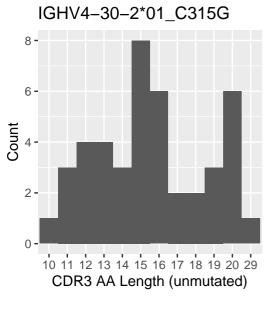


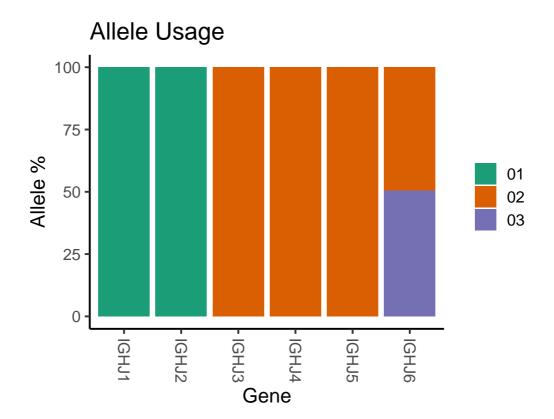


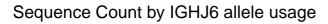


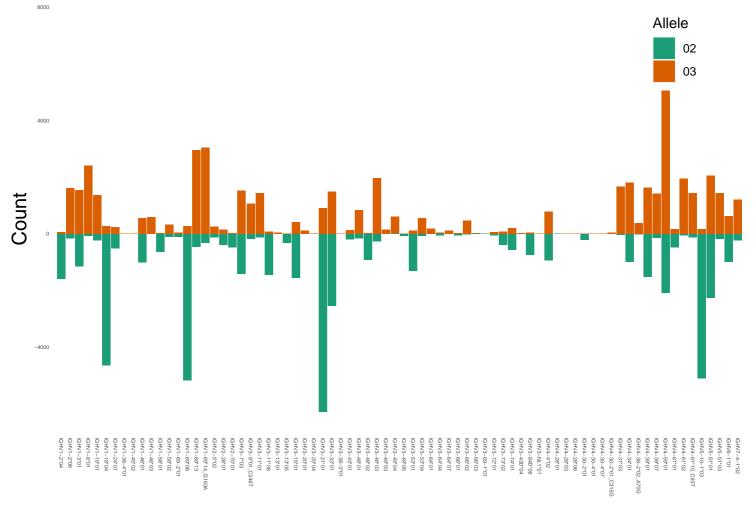












Varning – no interred sequences tound.
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Varning – no inferred sequences found. Varning: sequence(s) for allele(s) IGHV3-72*01_A169G_A173G_A177G_T187G_A188T_C287G can't be found in the reference set or the novel alleles file.
Varning – no inferred sequences found.
Varning – no inferred sequences found. Varning – no inferred sequences found.
Varning – no inferred sequences found.