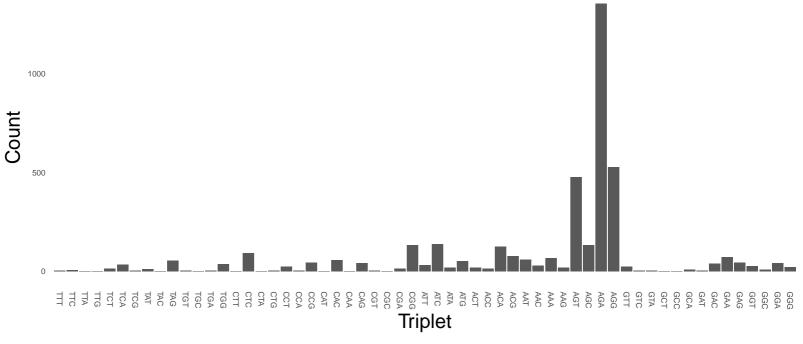
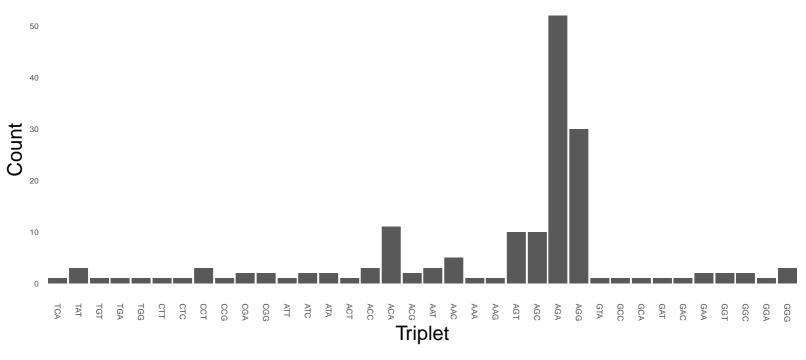
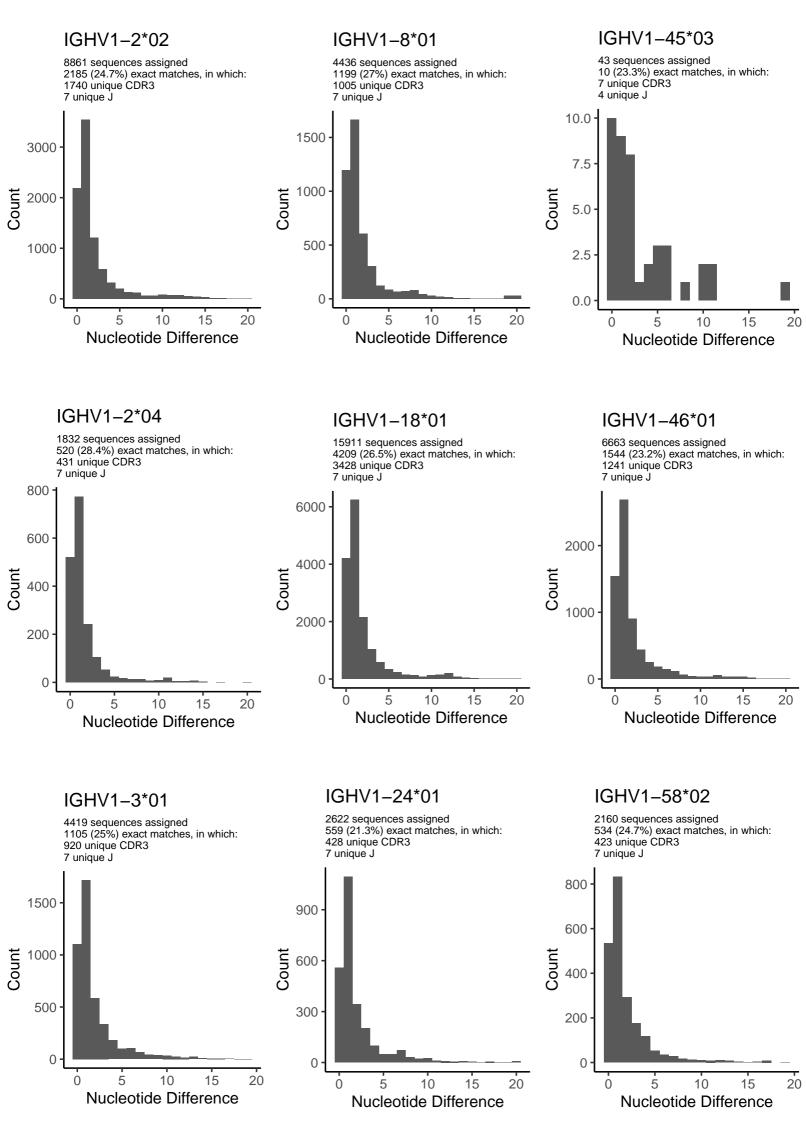


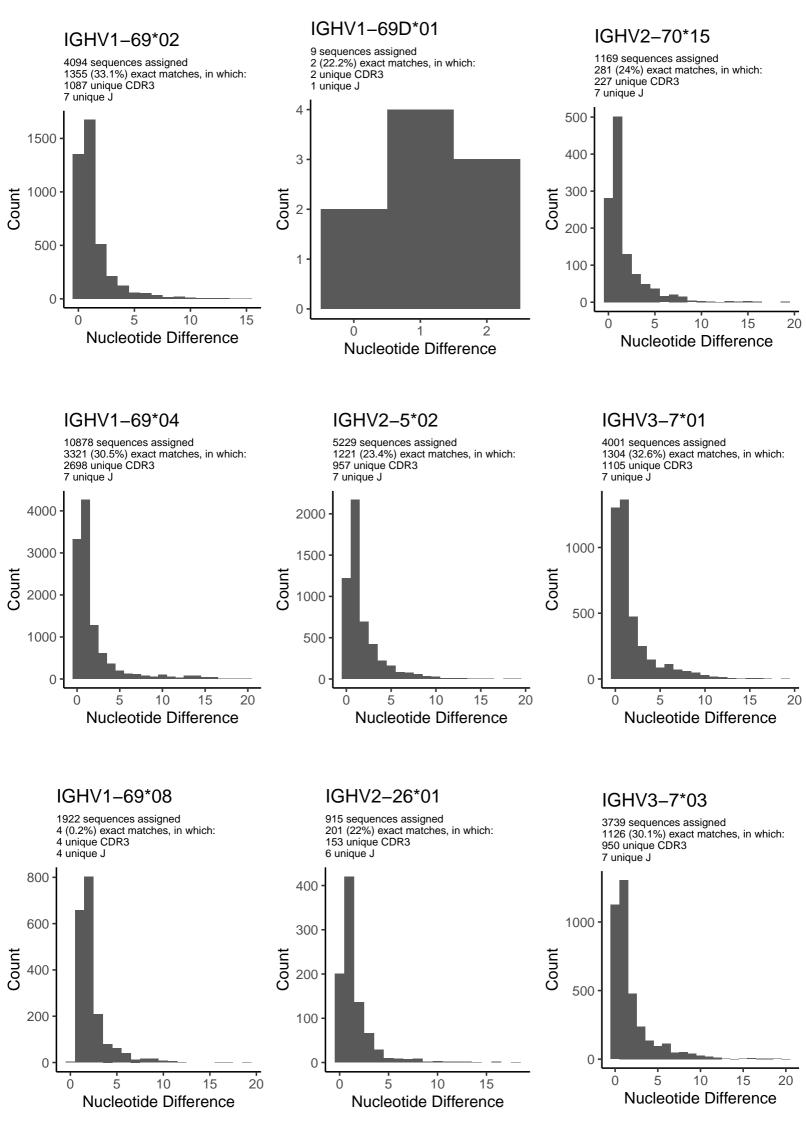
IGHV4-38-2*02_A70G- Final 3 nucleotides as a triplet

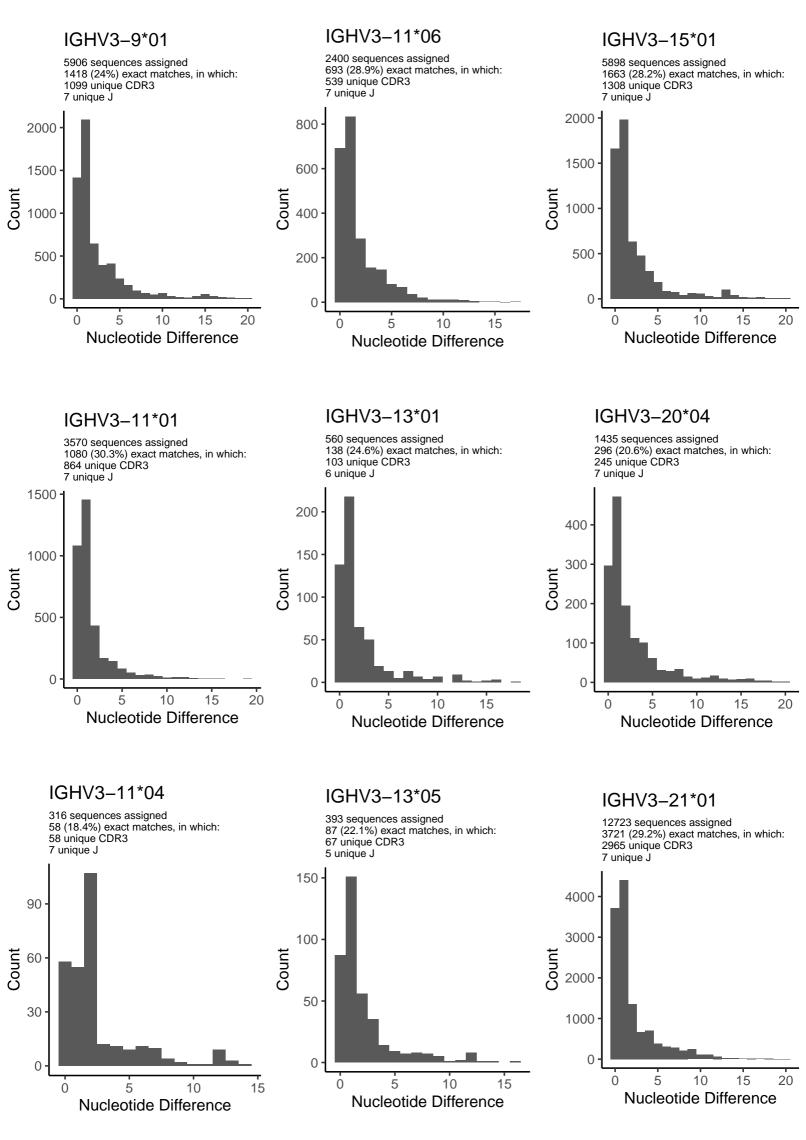


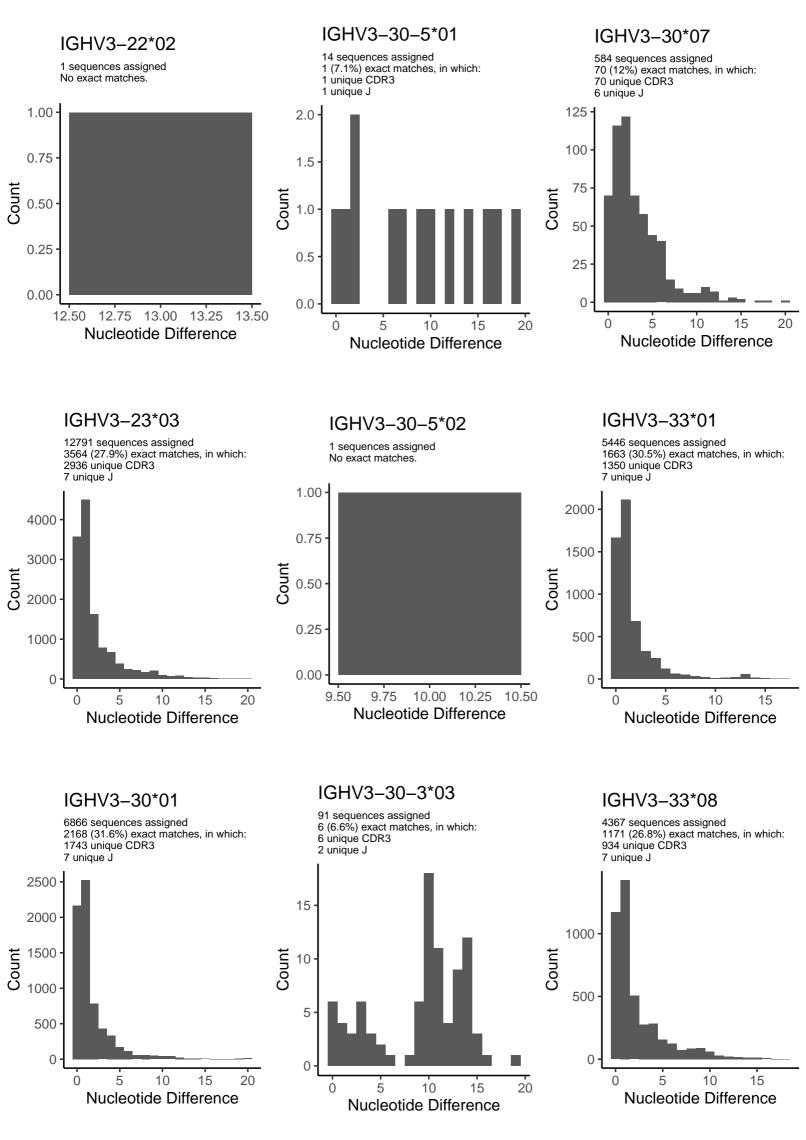
IGHV6-1*01_A315G- Final 3 nucleotides as a triplet

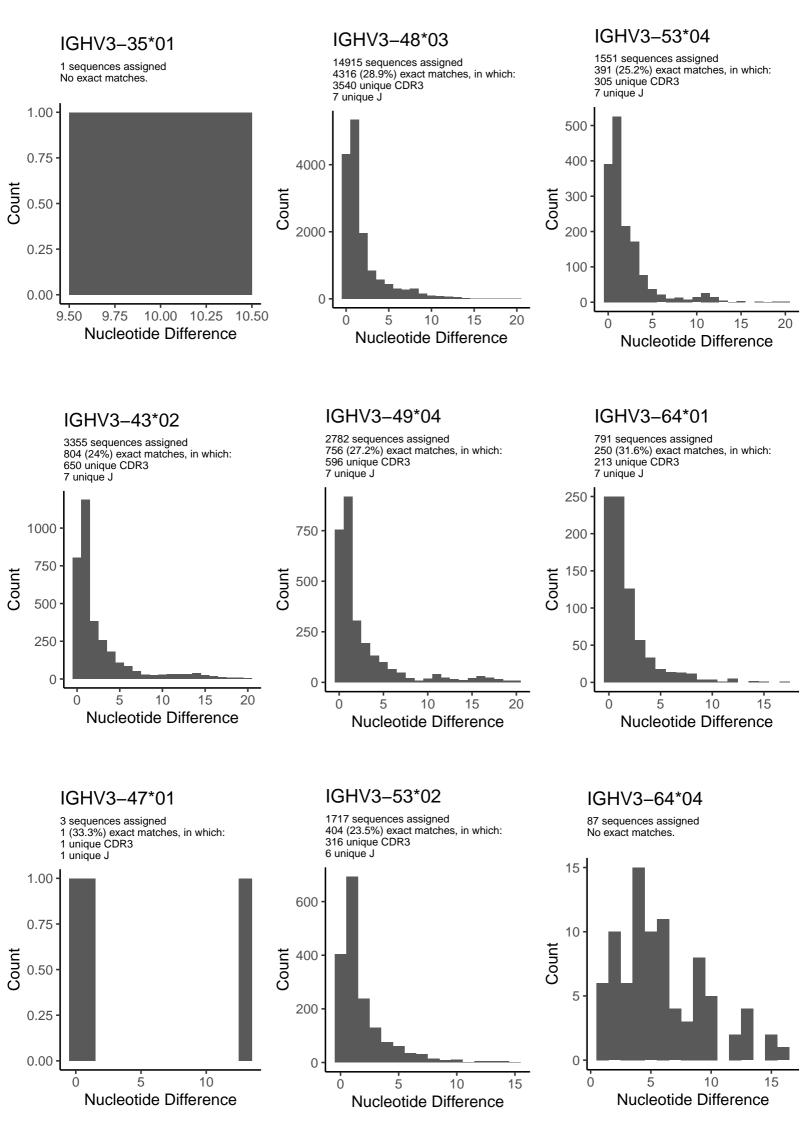


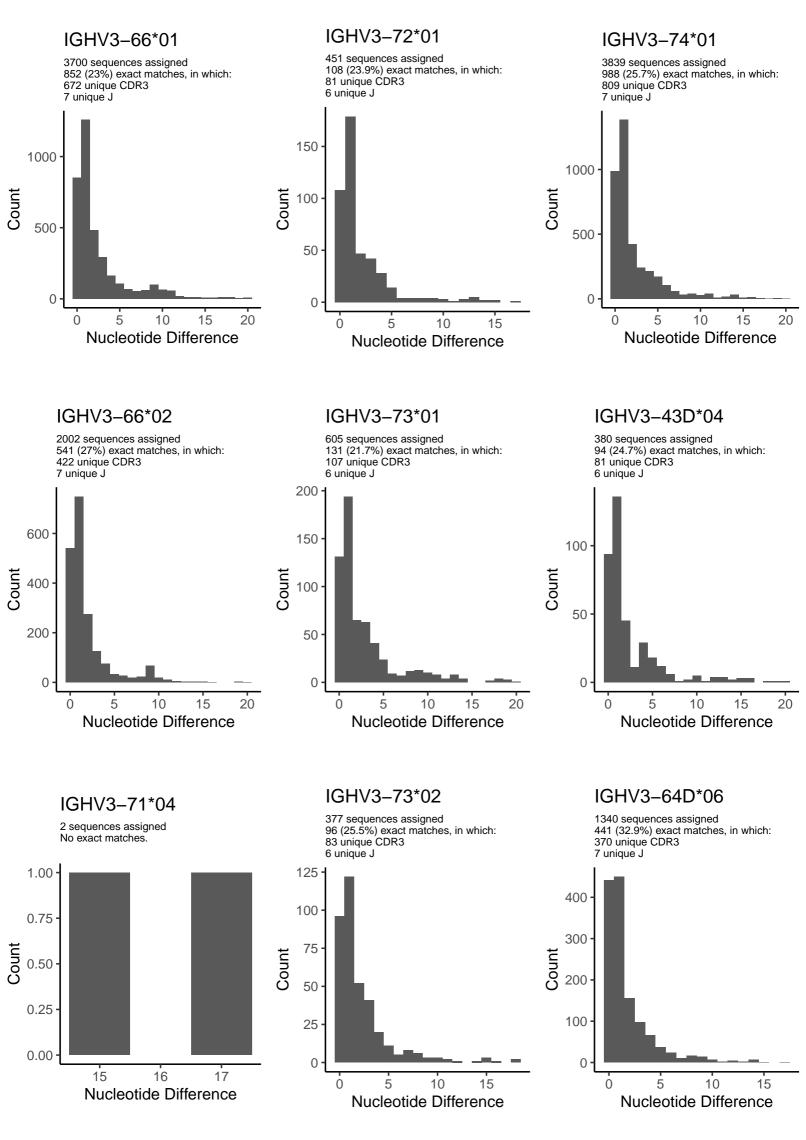


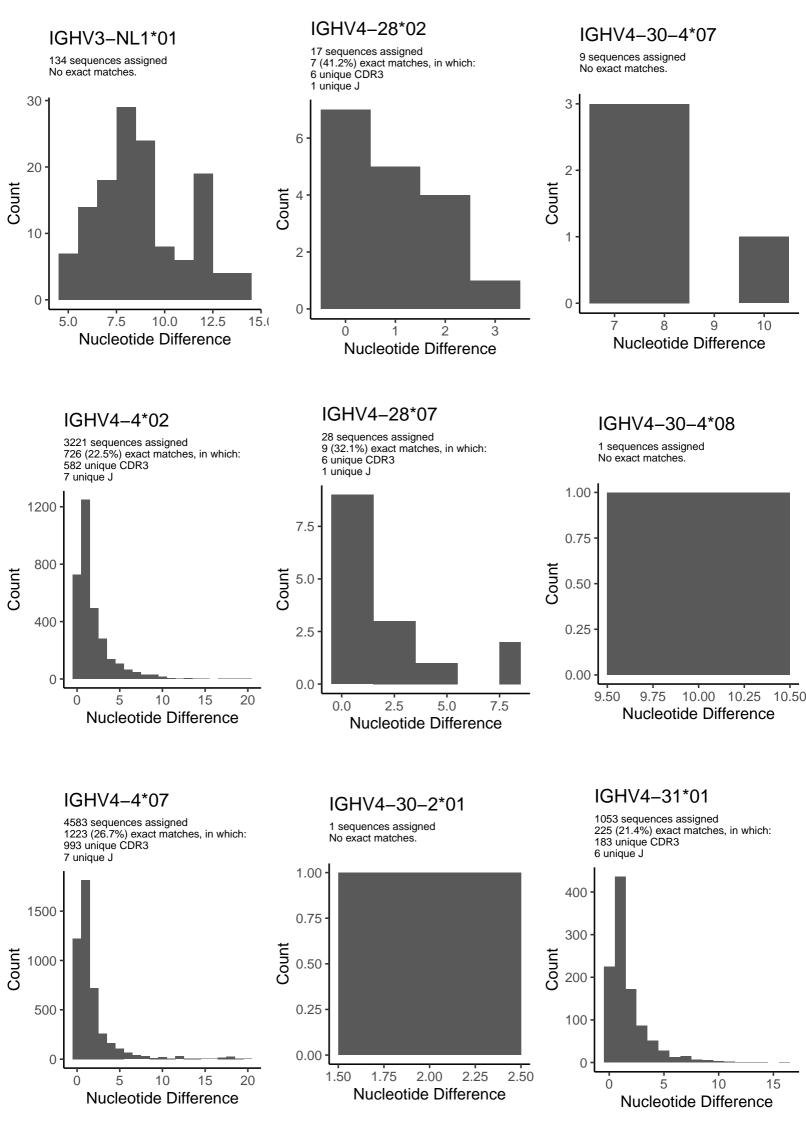


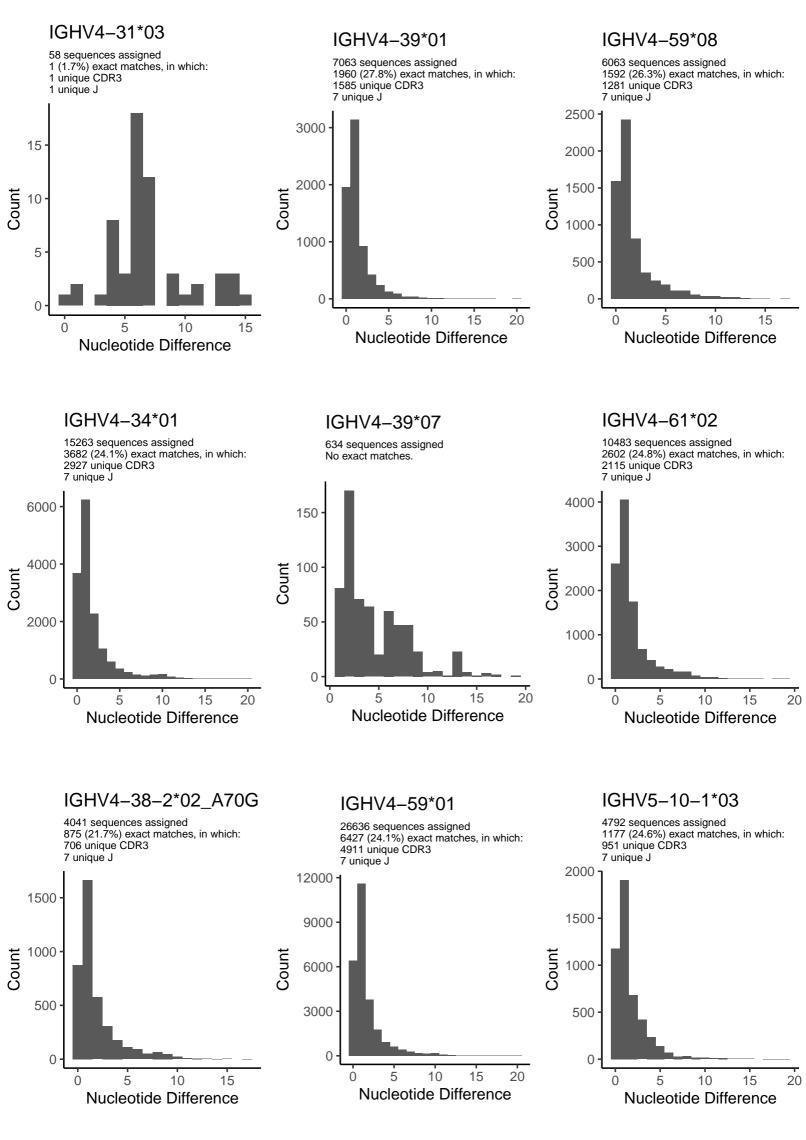






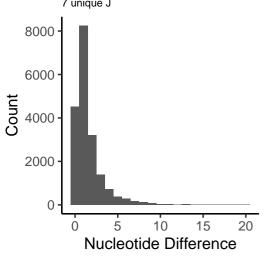






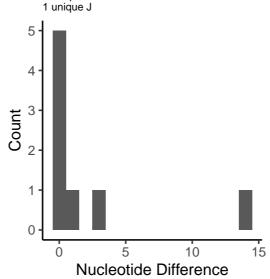
IGHV5-51*01

19385 sequences assigned 4531 (23.4%) exact matches, in which: 3482 unique CDR3 7 unique J



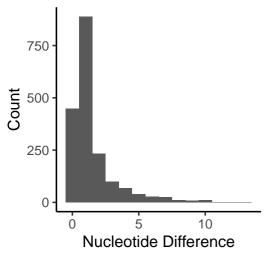
IGHV7-4-1*01

9 sequences assigned 5 (55.6%) exact matches, in which: 5 unique CDR3



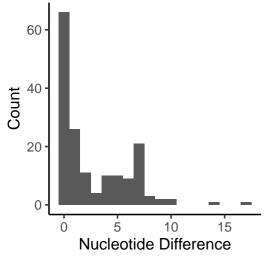
IGHV6-1*01

1871 sequences assigned 449 (24%) exact matches, in which: 326 unique CDR3 6 unique J

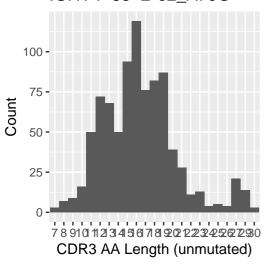


IGHV6-1*01_A315G

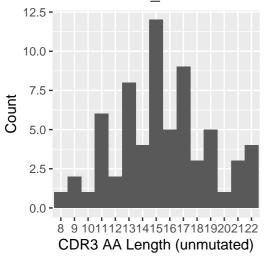
166 sequences assigned 66 (39.8%) exact matches, in which: 65 unique CDR3 6 unique J

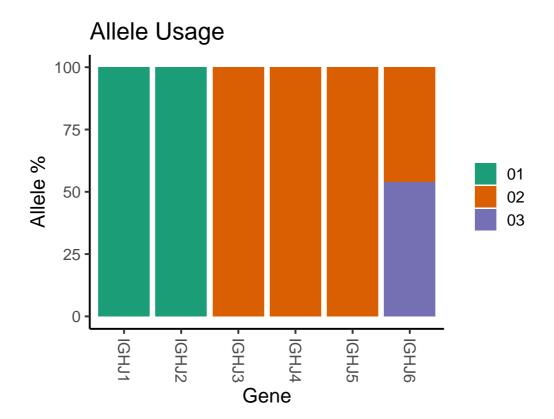


IGHV4-38-2*02_A70G

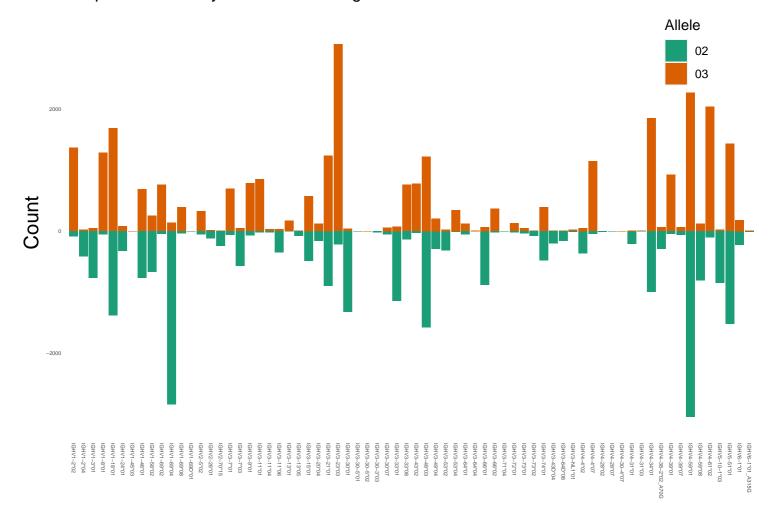


IGHV6-1*01_A315G





Sequence Count by IGHJ6 allele usage



Varning – no interred sequences tound.
Varning – no inferred sequences found.
Varning – no inferred sequences found. Varning – no inferred sequences found.
Varning – no inferred sequences found.
Varning – no inferred sequences found.
Varning – no inferred sequences found.
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.