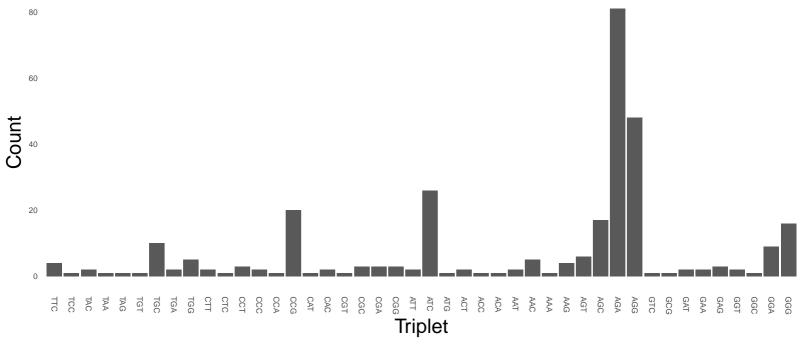
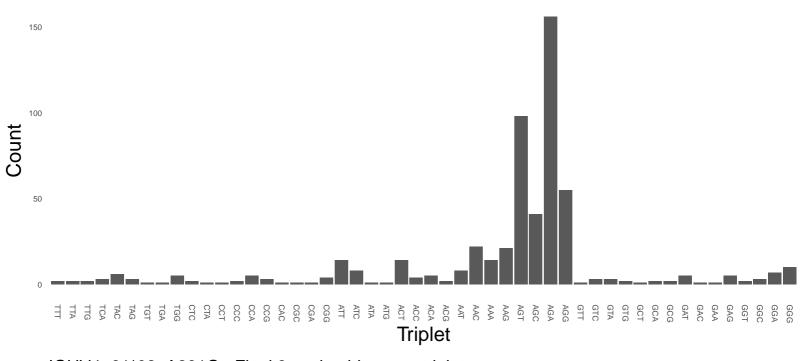


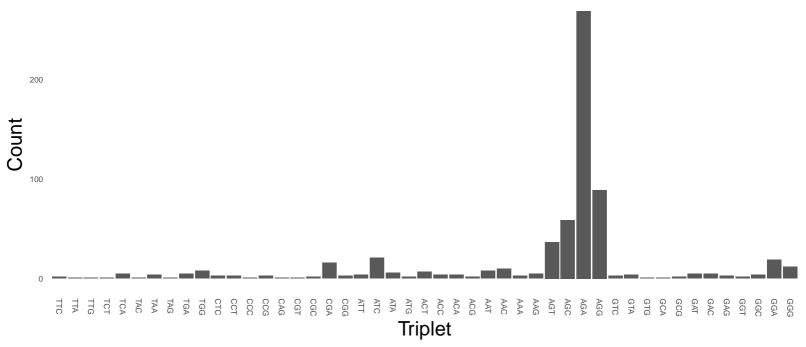
IGHV1-69*08_C191T- Final 3 nucleotides as a triplet

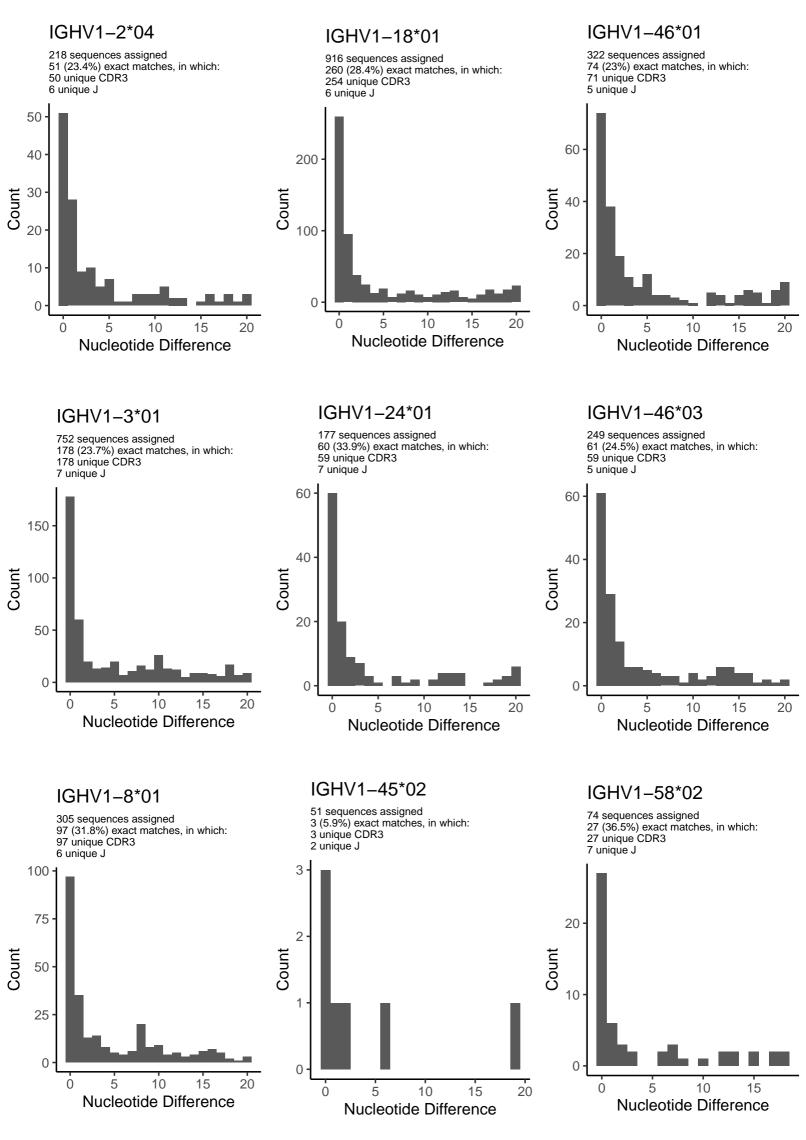


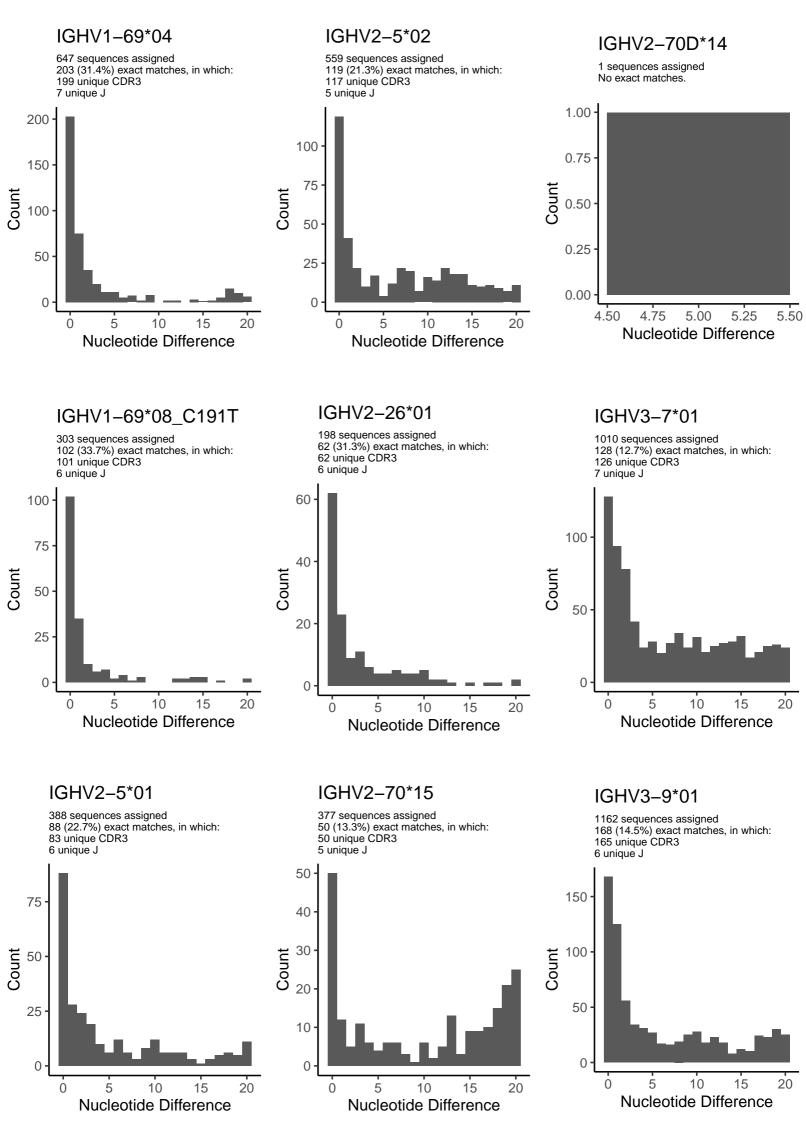
IGHV4-38-2*02_A70G- Final 3 nucleotides as a triplet

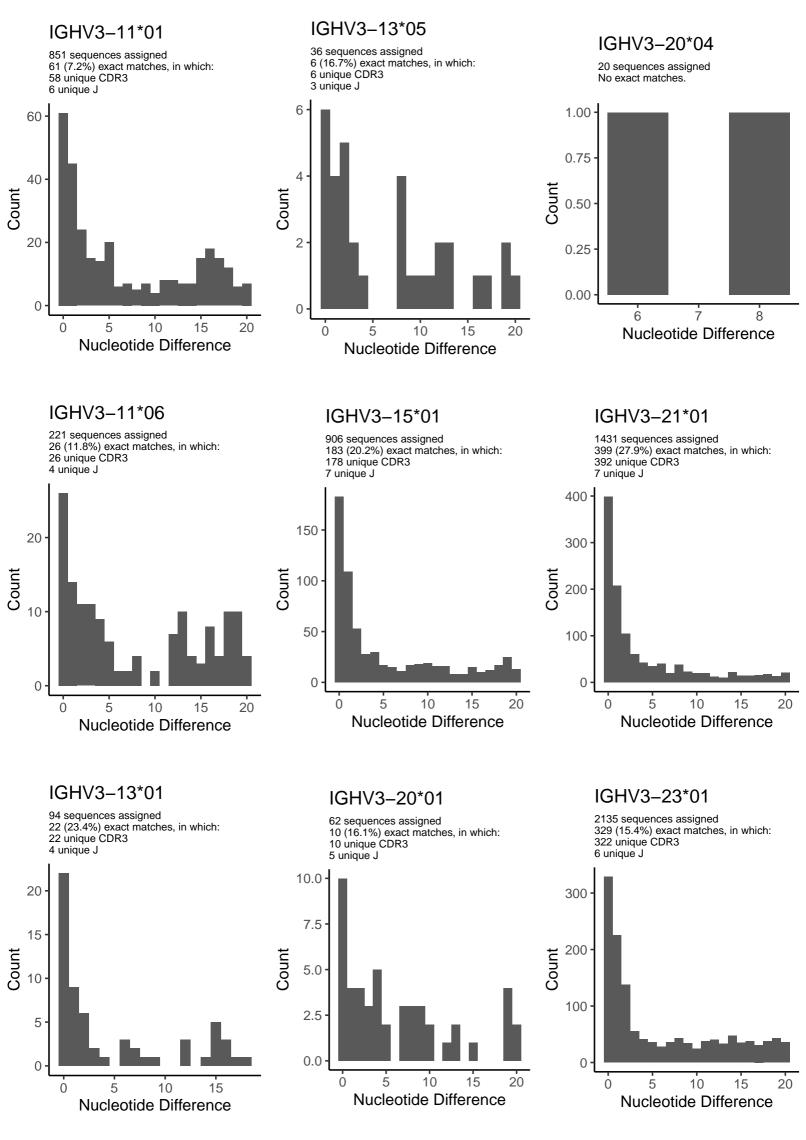


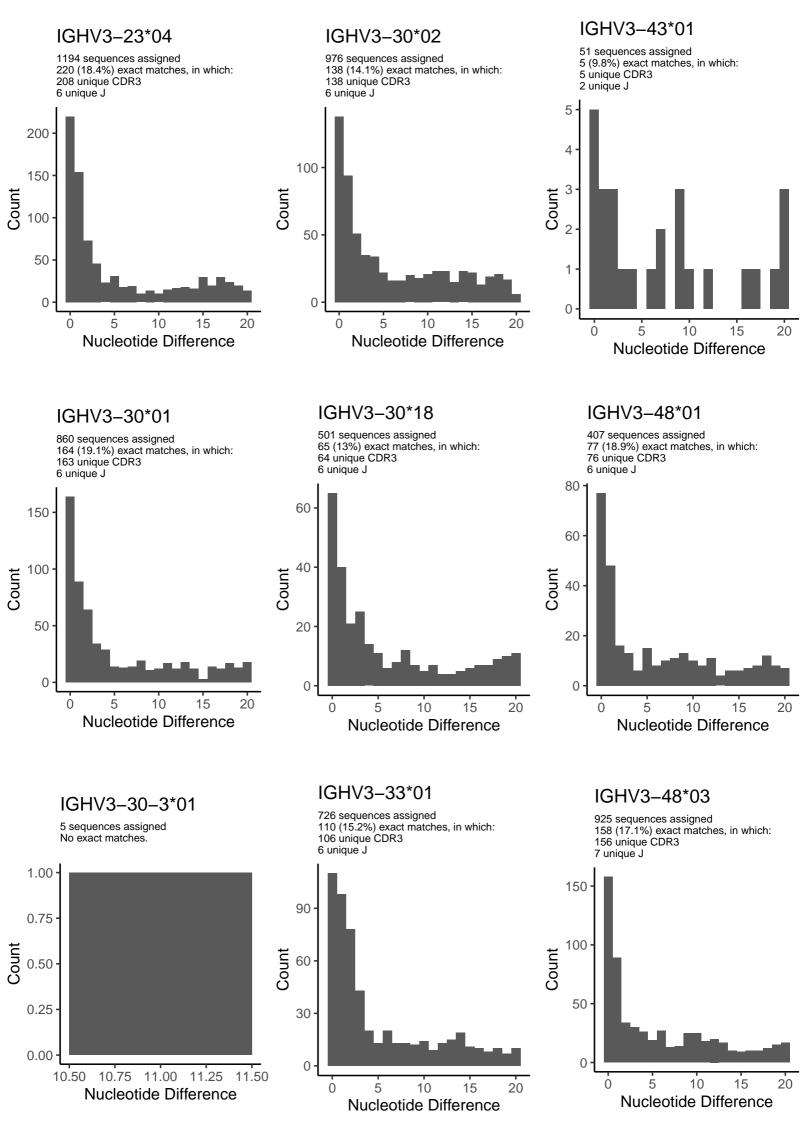
IGHV4-61*02_A291G- Final 3 nucleotides as a triplet

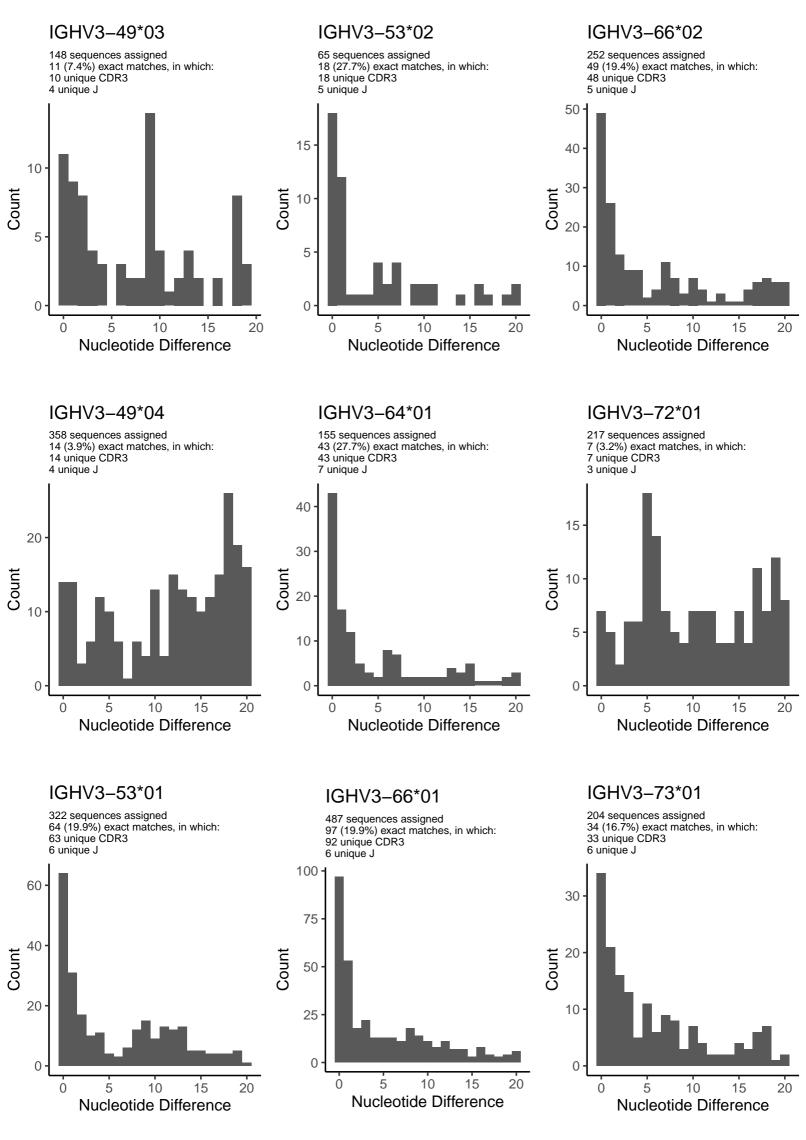


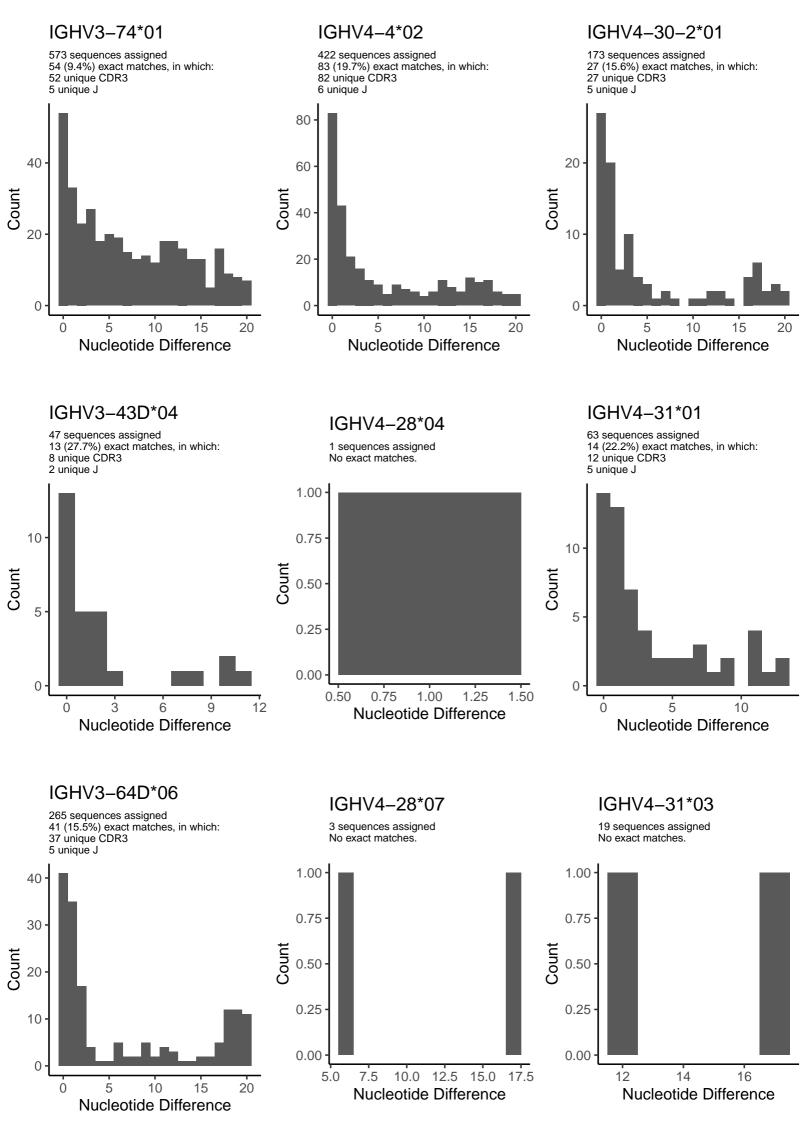


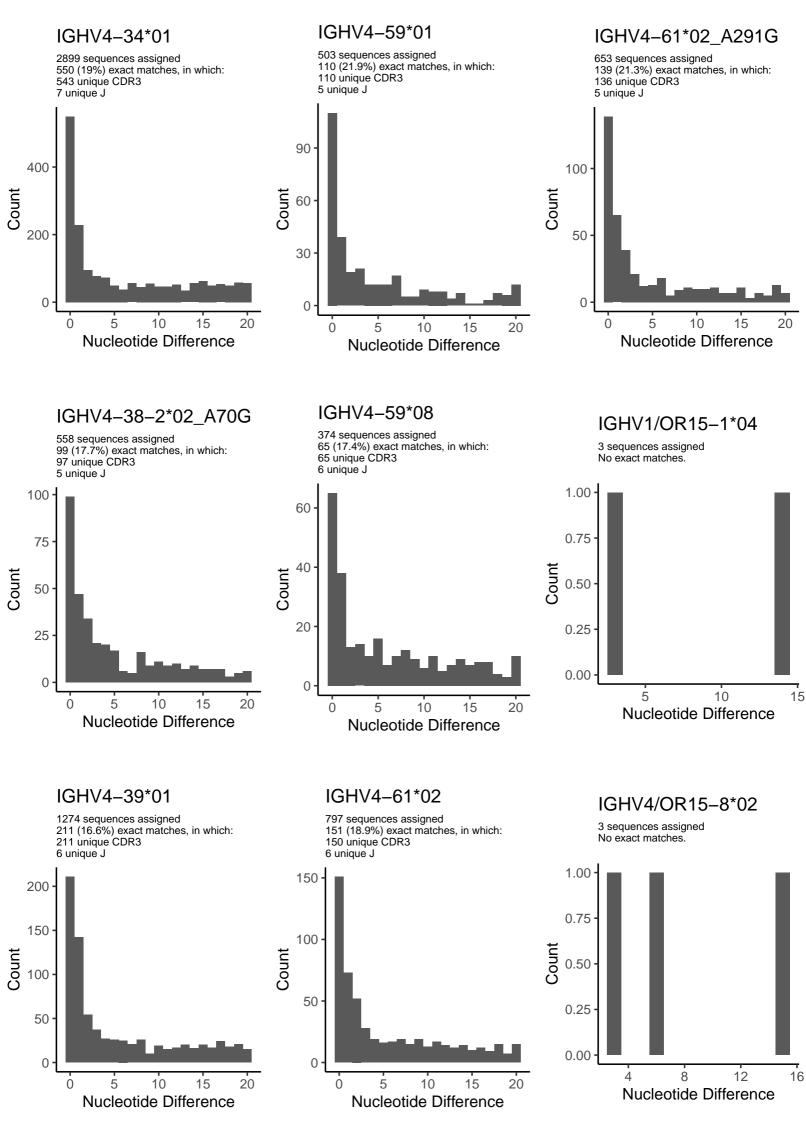


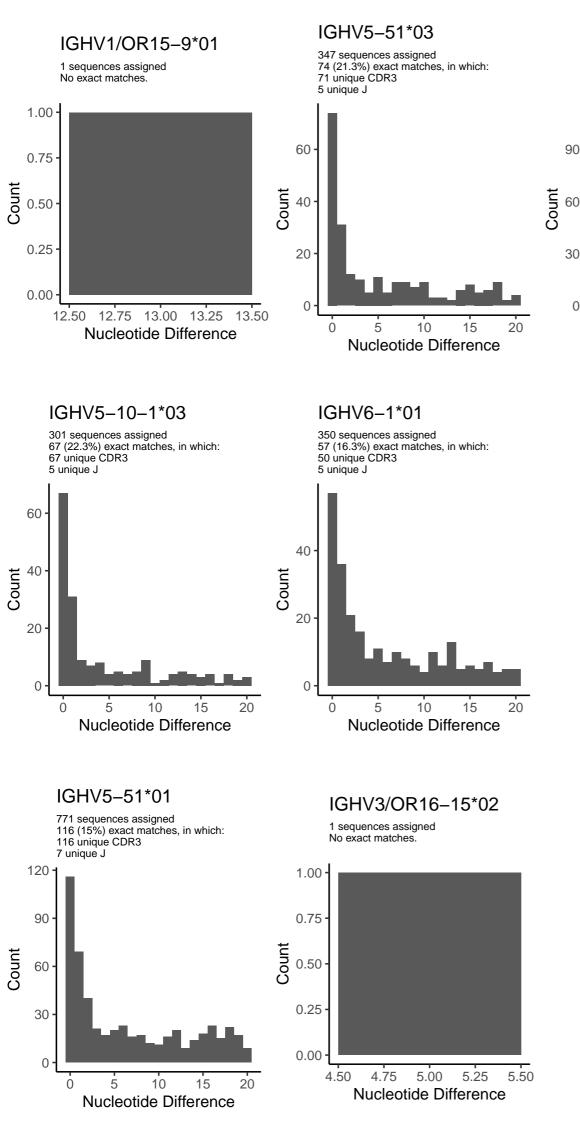












IGHV7-4-1*02

108 unique CDR3

6 unique J

0

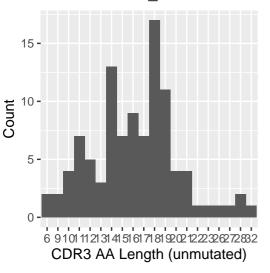
378 sequences assigned 111 (29.4%) exact matches, in which:

10

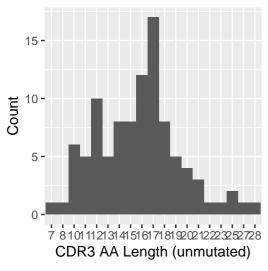
Nucleotide Difference

15

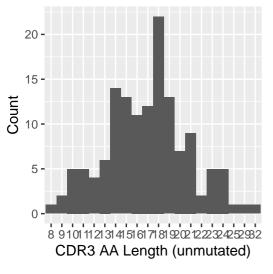
IGHV1-69*08_C191T

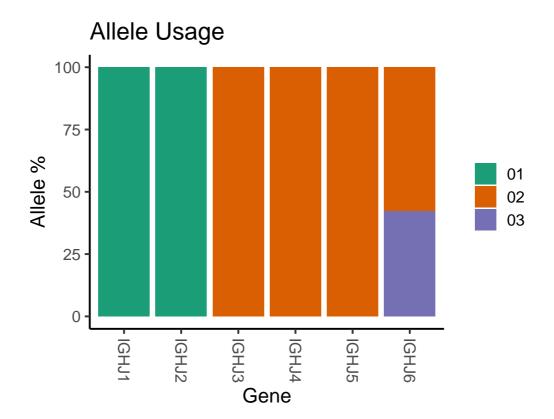


IGHV4-38-2*02_A70G



IGHV4-61*02_A291G





Sequence Count by IGHJ6 allele usage

