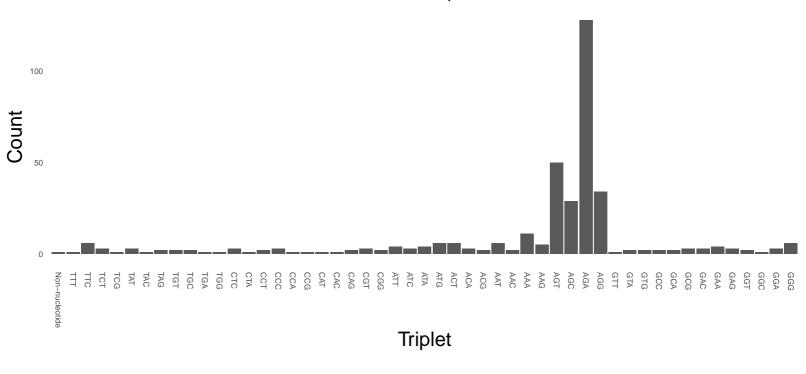
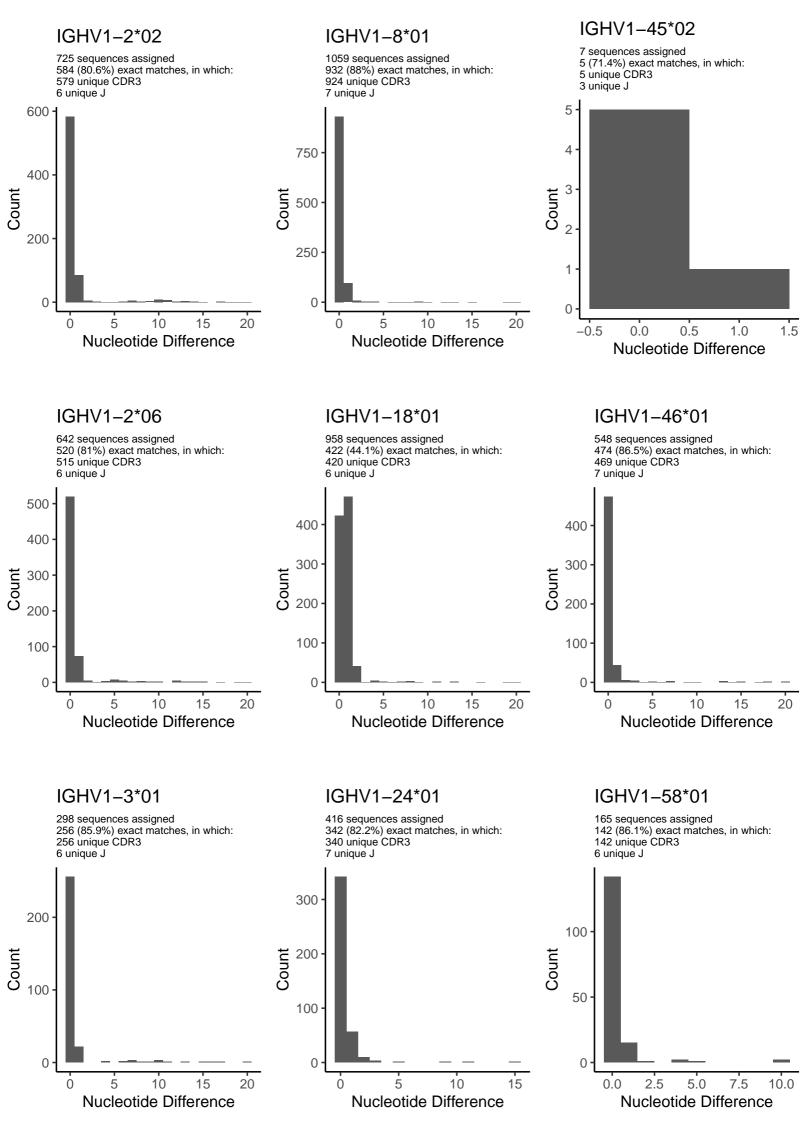
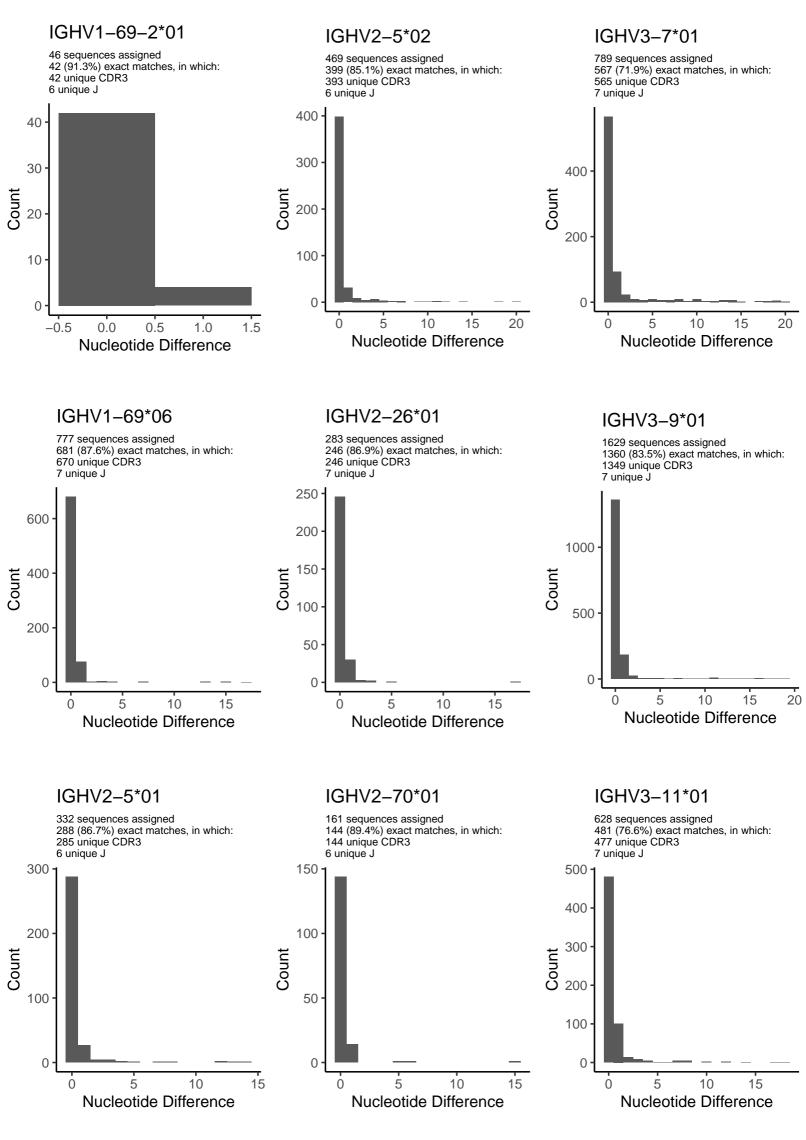


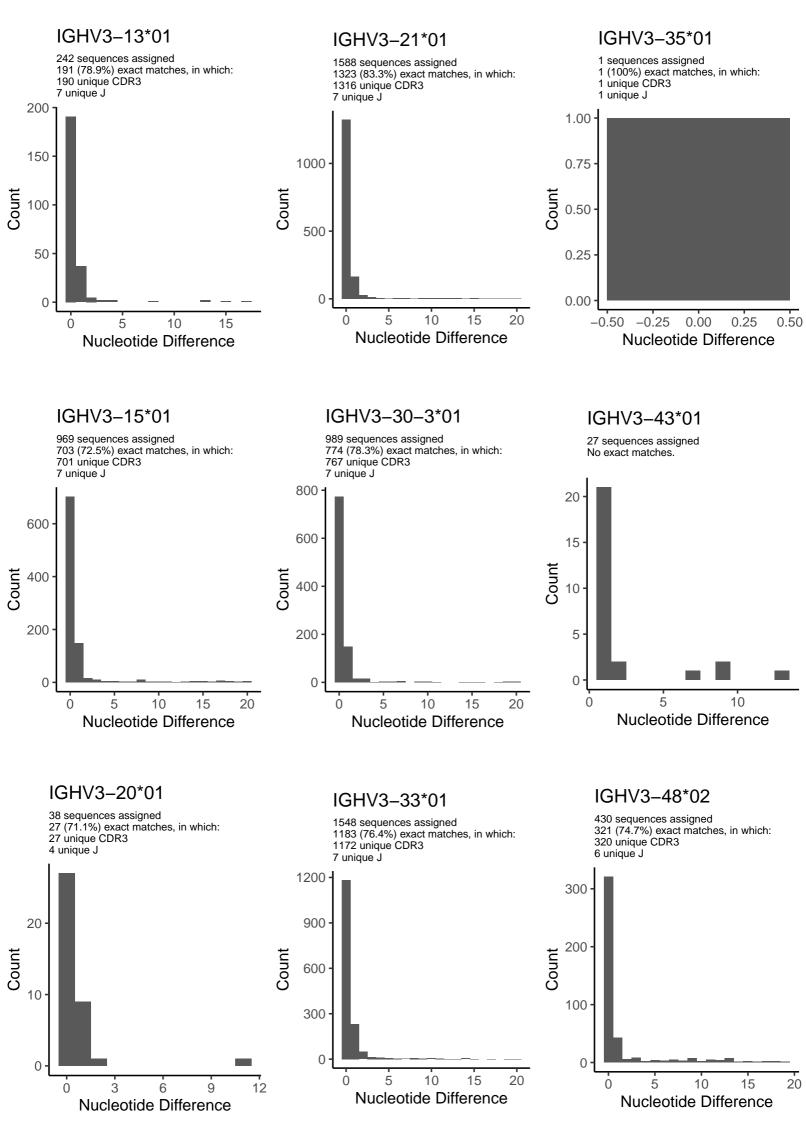


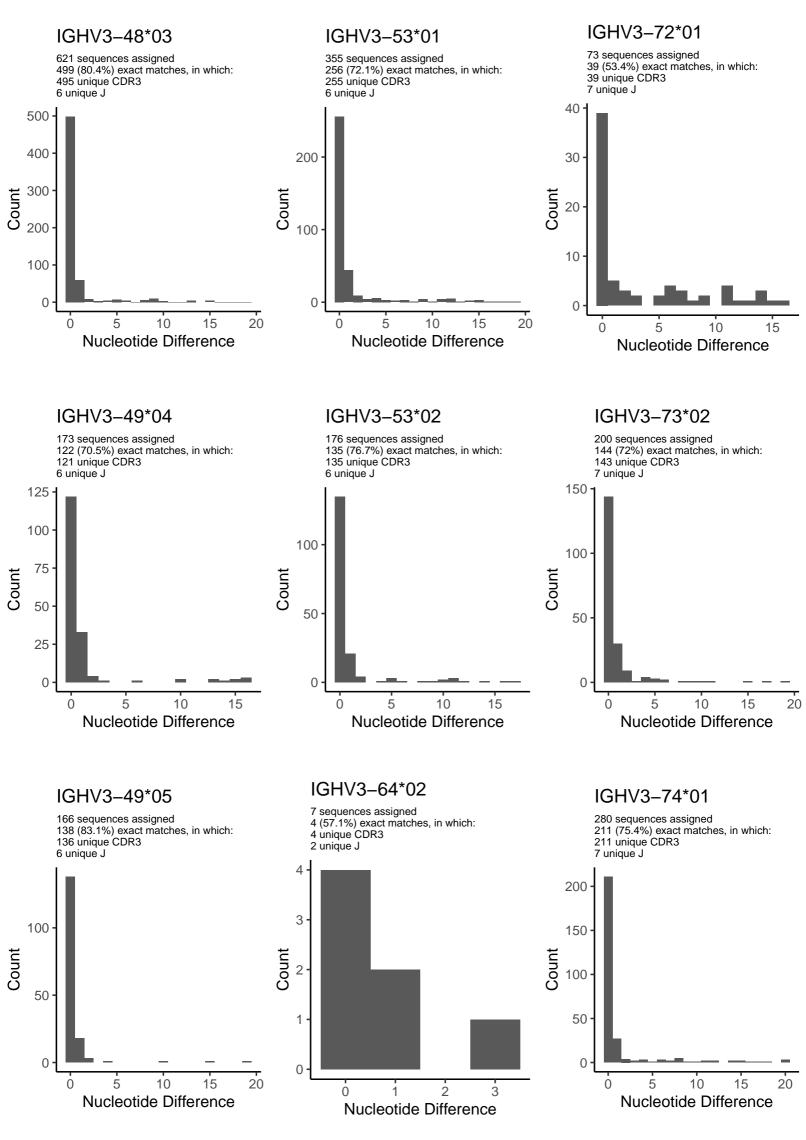
IGHV4-38-2*02_A70G- Final 3 nucleotides as a triplet

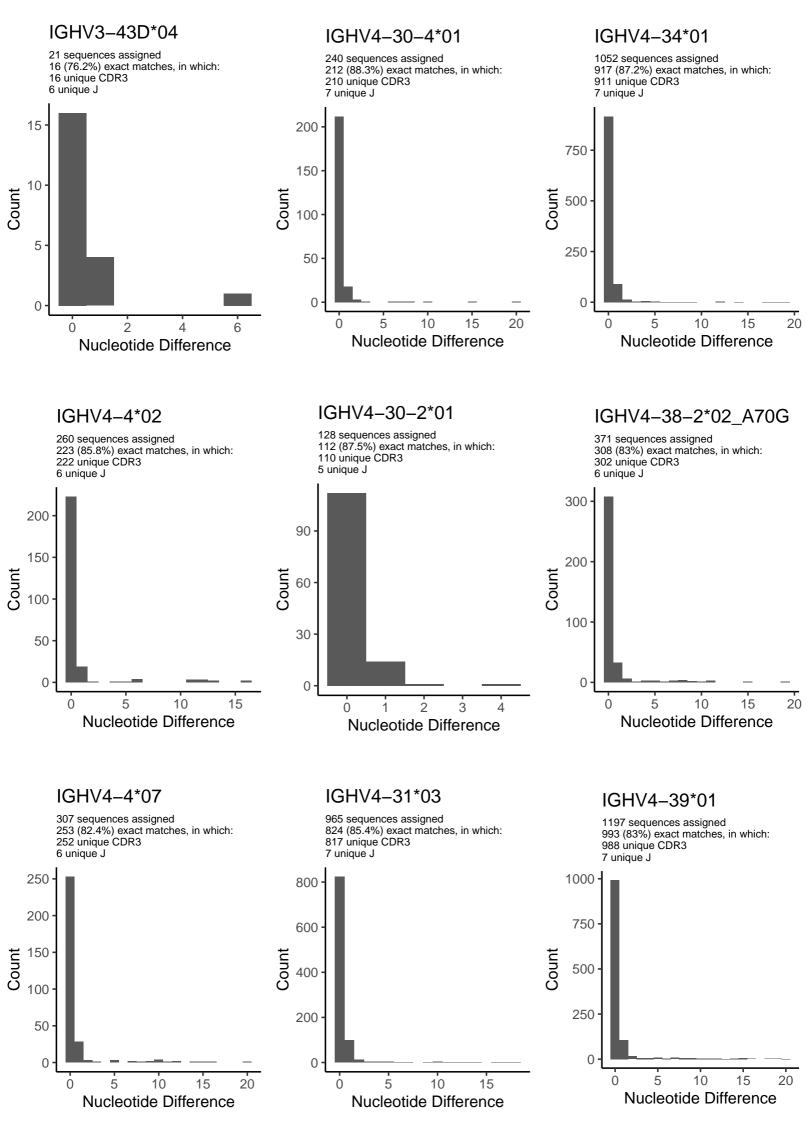








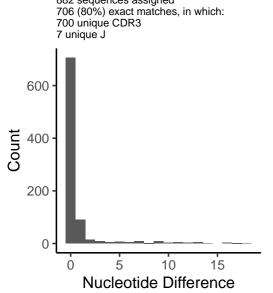


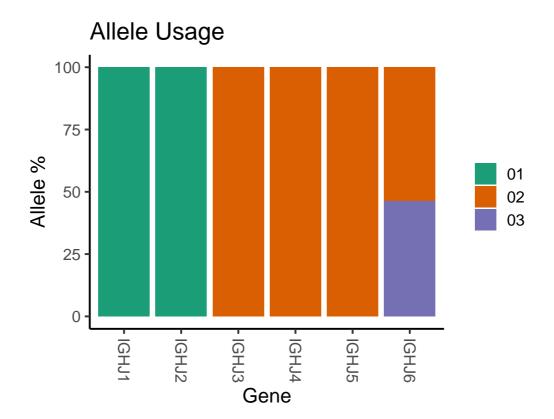


IGHV4-59*01 IGHV6-1*01 831 sequences assigned 687 (82.7%) exact matches, in which: 139 sequences assigned 99 (71.2%) exact matches, in which: 685 unique CDR3 97 unique CDR3 6 unique J 7 unique J 100 -600 75 Count 600 Count 50 200 25 0 0 10 20 5 15 10 15 **Nucleotide Difference** Nucleotide Difference IGHV4-61*01 IGHV7-4-1*02 251 sequences assigned 209 (83.3%) exact matches, in which: 283 sequences assigned 233 (82.3%) exact matches, in which: 209 unique CDR3 232 unique CDR3 7 unique J 6 unique J 200 200 150 150 Count 100 100 50 50 0 0 5 10 15 20 5 10 15 0 0 **Nucleotide Difference** Nucleotide Difference

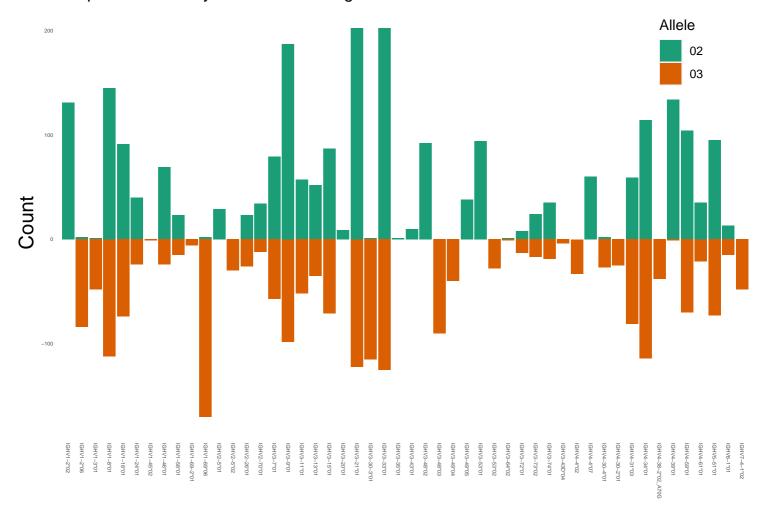
IGHV5-51*01

882 sequences assigned





Sequence Count by IGHJ6 allele usage



/arning – no inferred sequences found.
/arning – no inferred sequences found.
arning – no inferred sequences found.
/arning – no inferred sequences found.
/arning – no inferred sequences found.
/arning – no inferred sequences found.
/arning – no inferred sequences found.
/arning – no inferred sequences found.
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