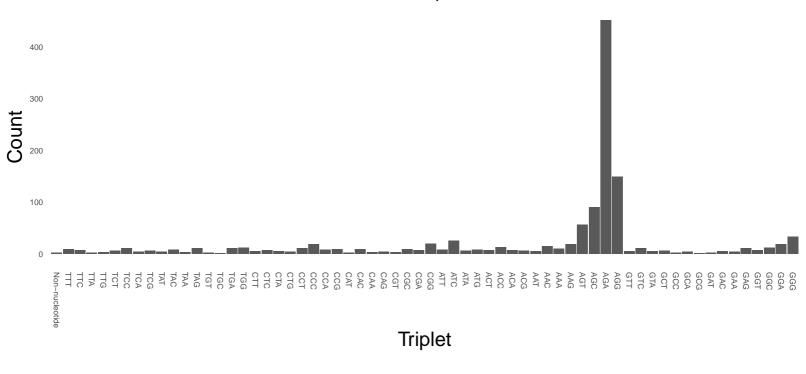
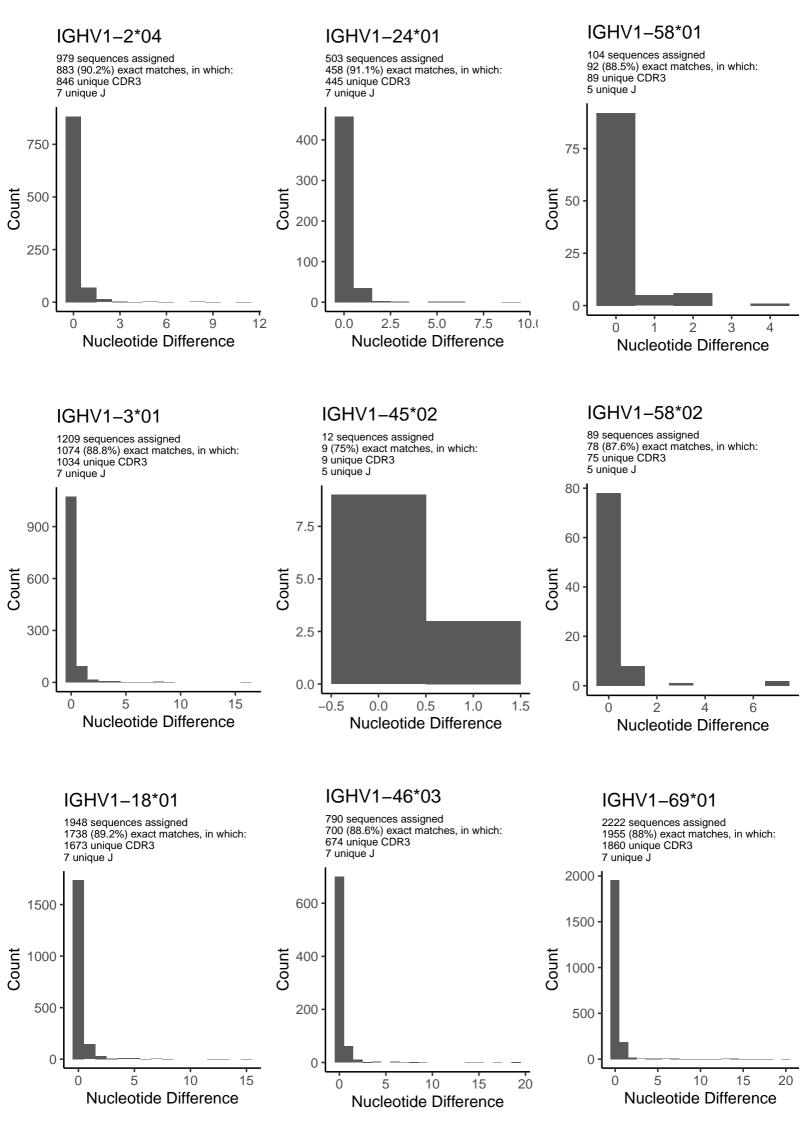
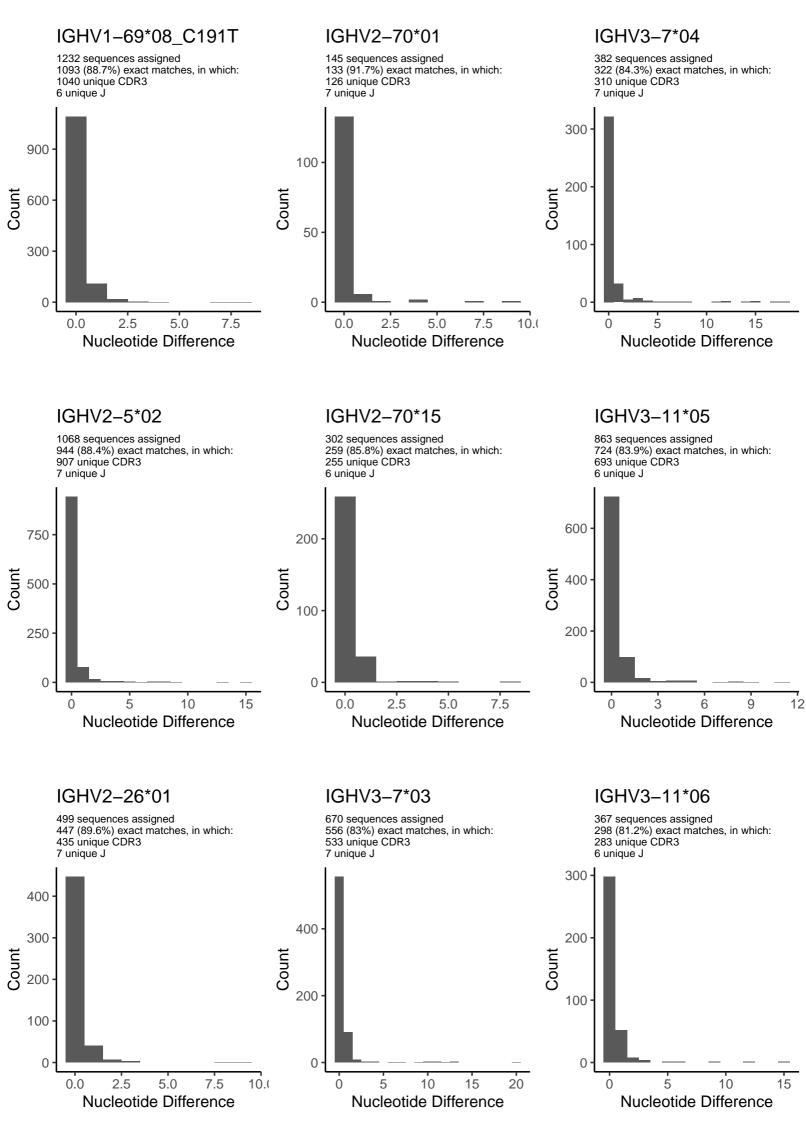
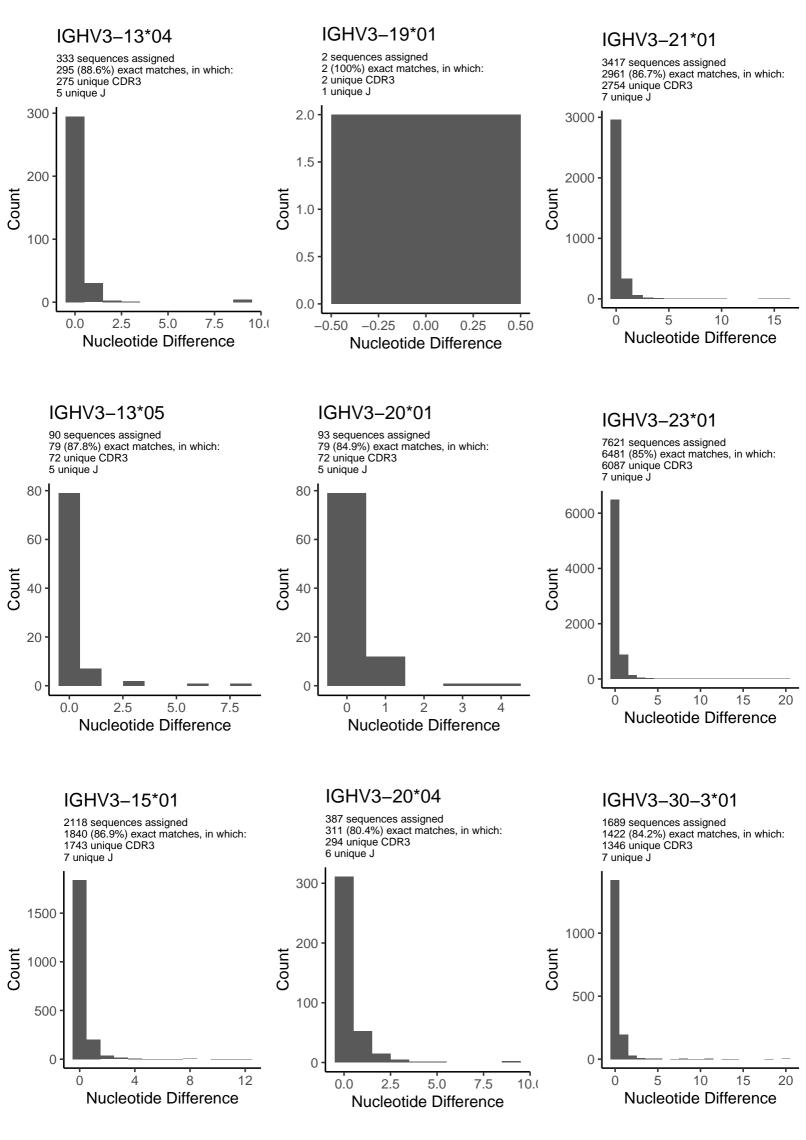


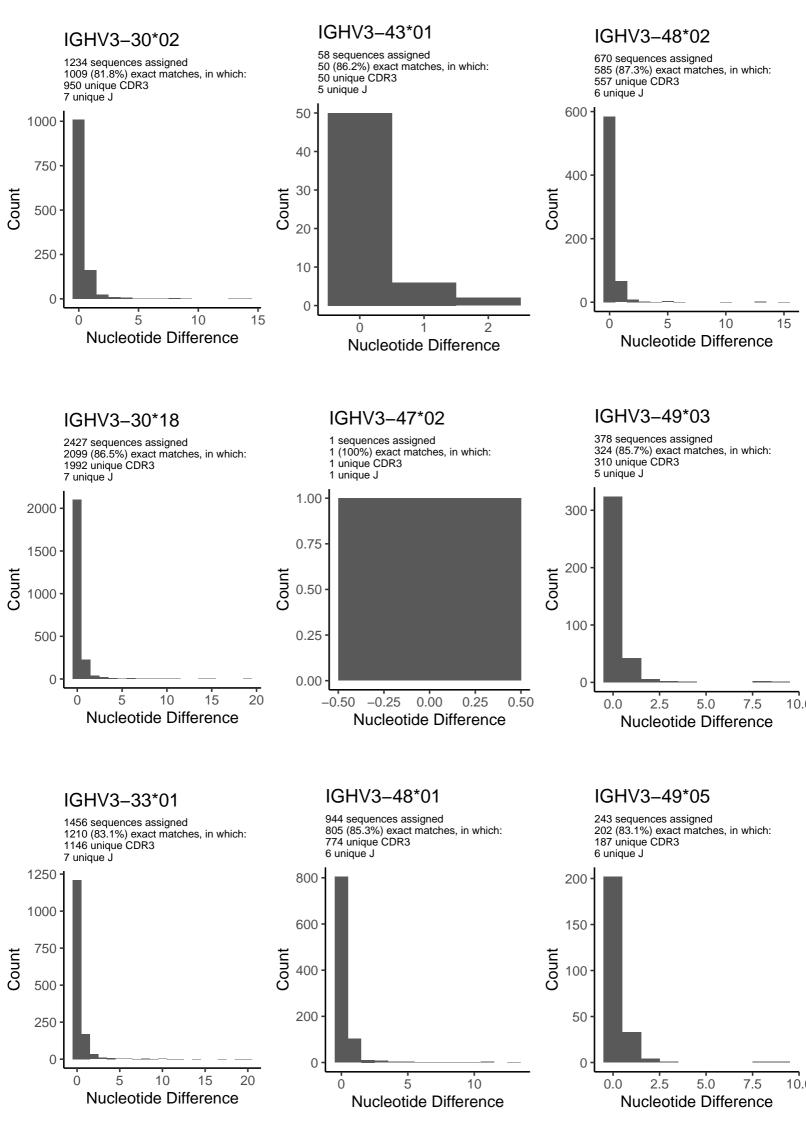
IGHV1-69\*08\_C191T- Final 3 nucleotides as a triplet

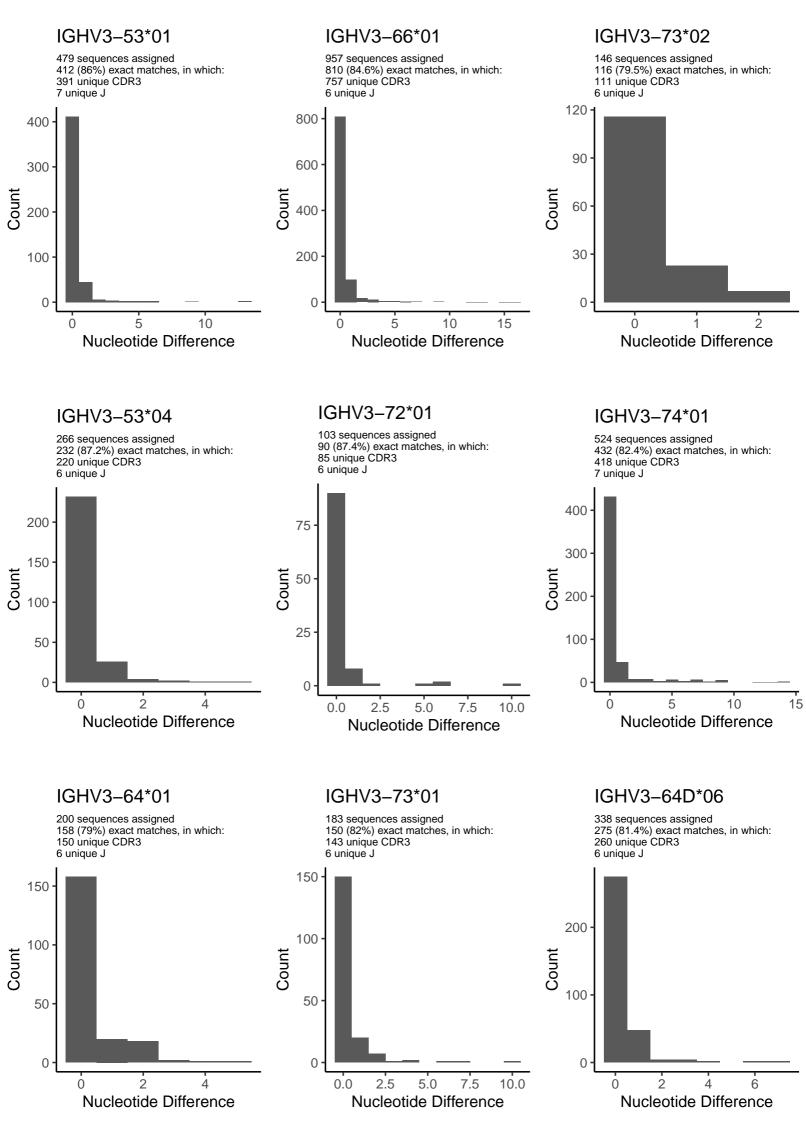


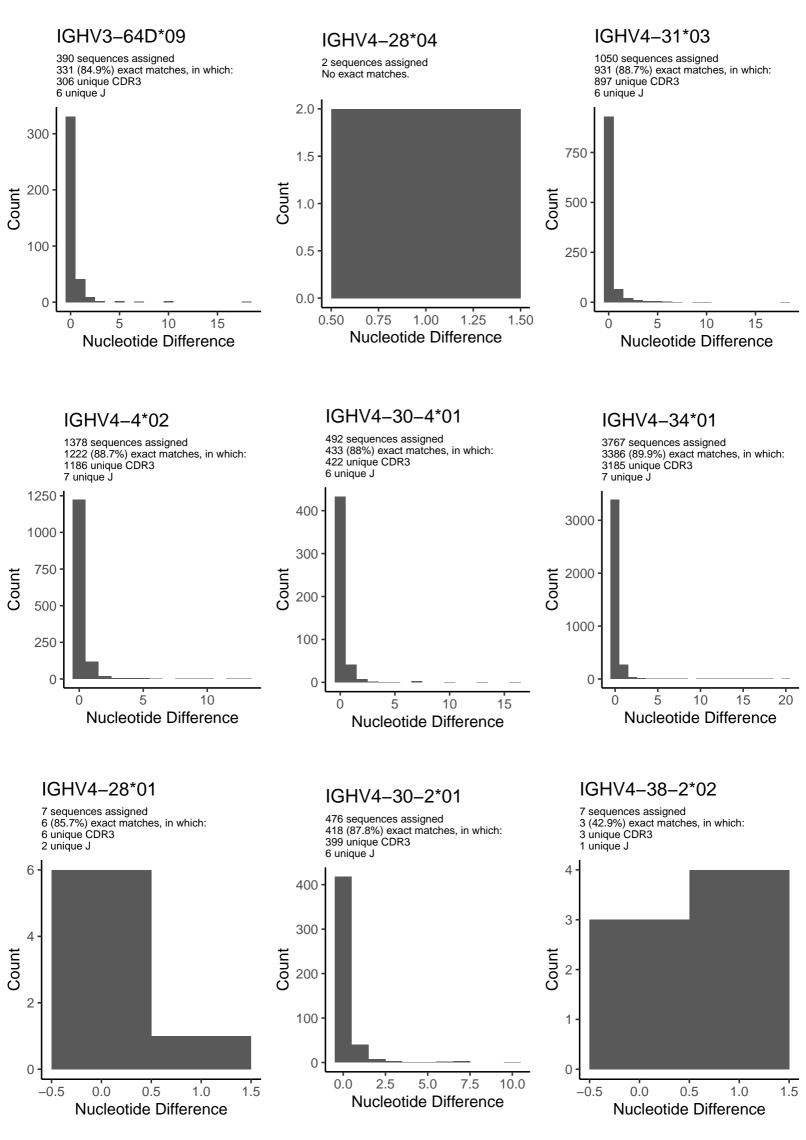


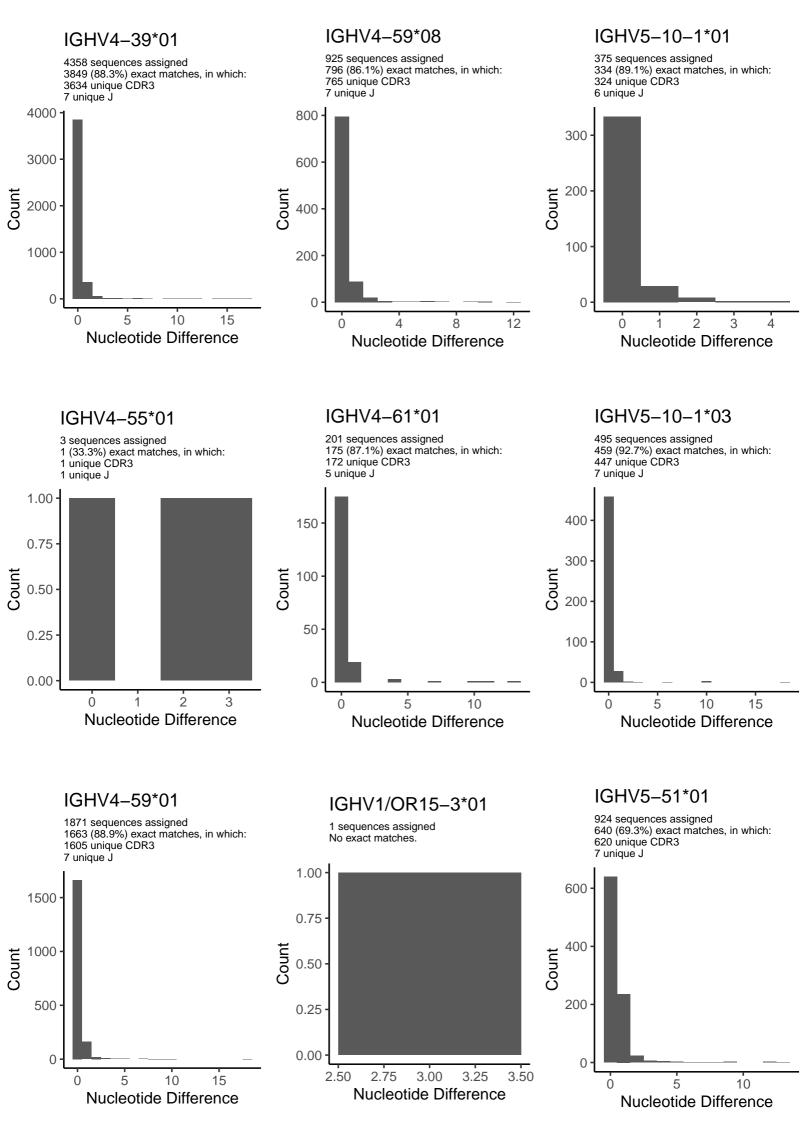




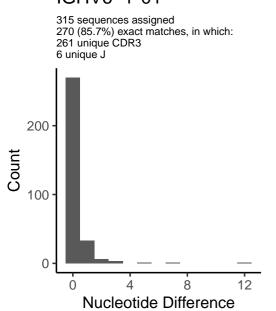


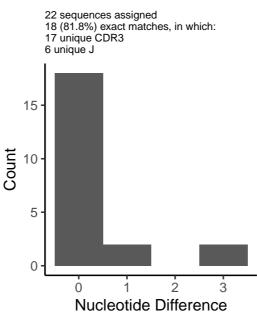






## IGHV5-51\*03 IGHV3/OR16-15\*02 564 sequences assigned 496 (87.9%) exact matches, in which: 476 unique CDR3 1 sequences assigned No exact matches. 6 unique J 1.00 -500 -400 0.75 Count Count Count 200 300 0.25 100 0.00 0 4.50 4.75 5.00 5.25 5.50 10 5 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1\*01 IGHV6-1\*01

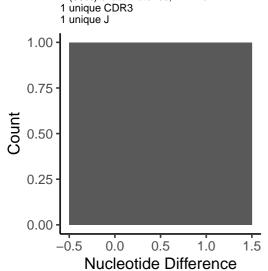


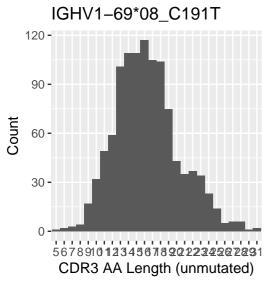


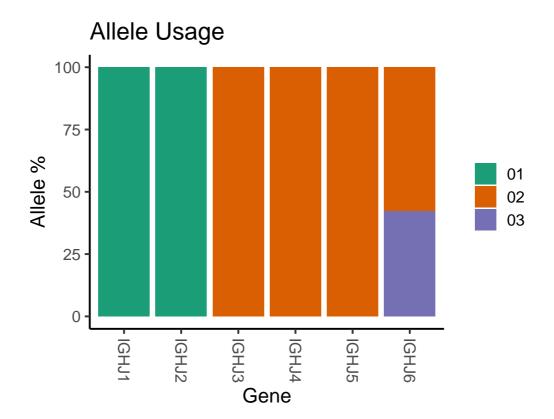
## IGHV3/OR16-6\*02

1 (50%) exact matches, in which:

2 sequences assigned







## Sequence Count by IGHJ6 allele usage

