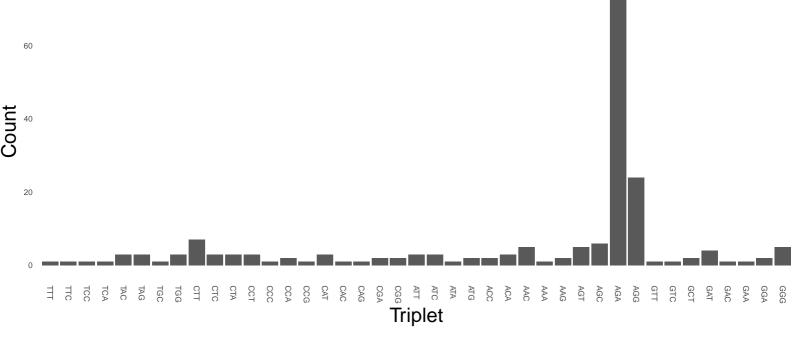
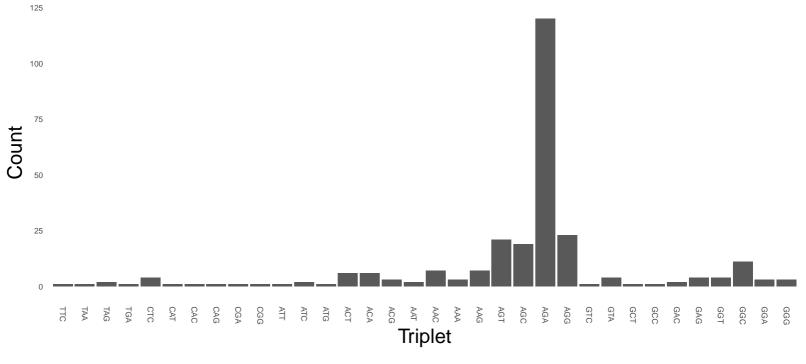
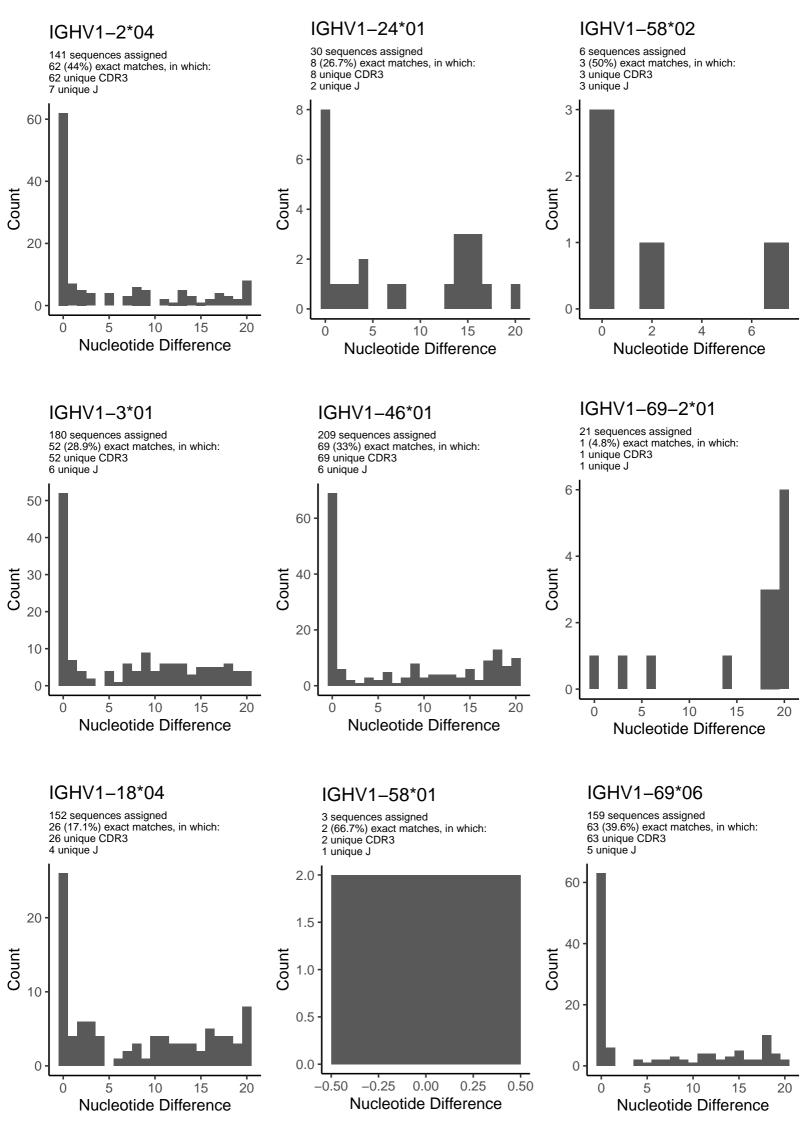


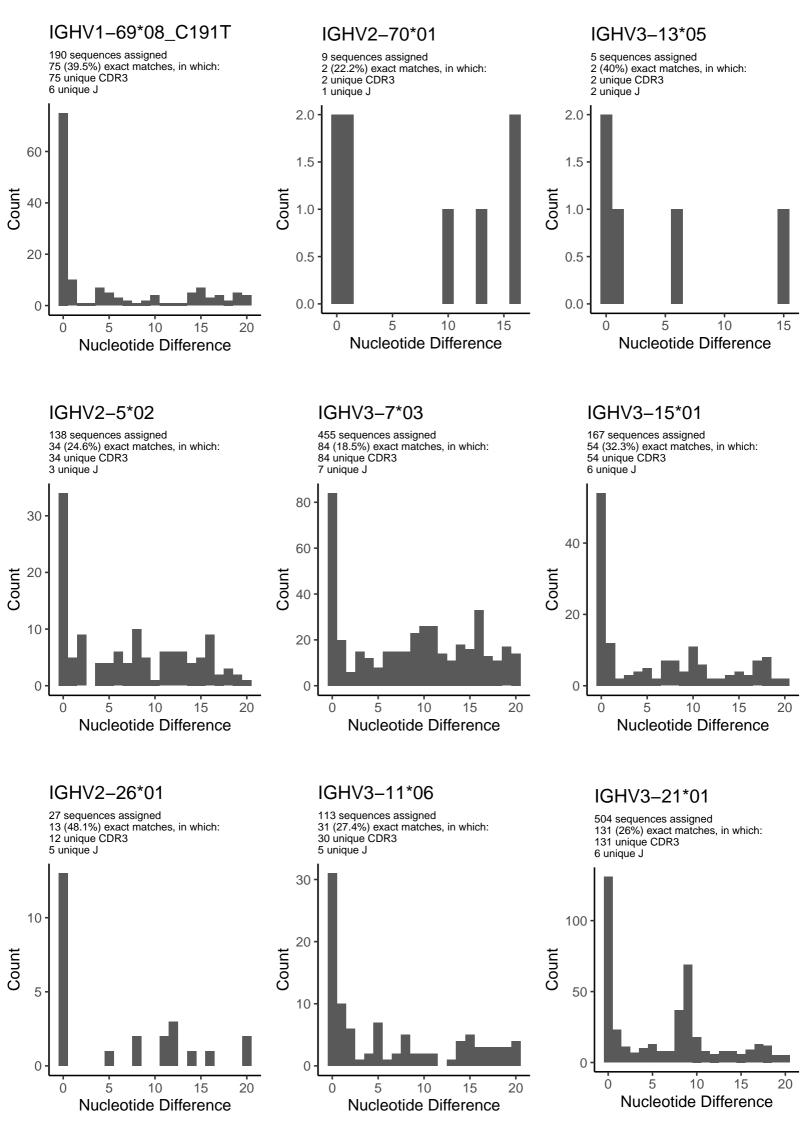
IGHV1-69\*08\_C191T- Final 3 nucleotides as a triplet

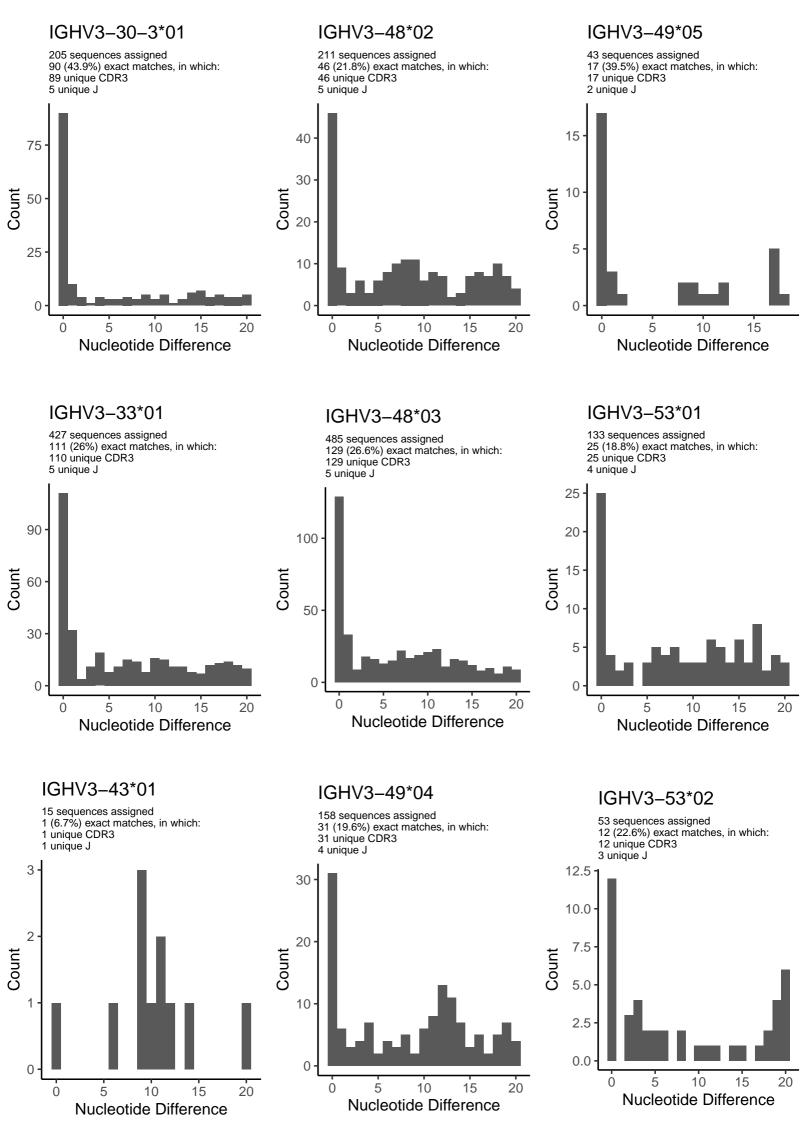


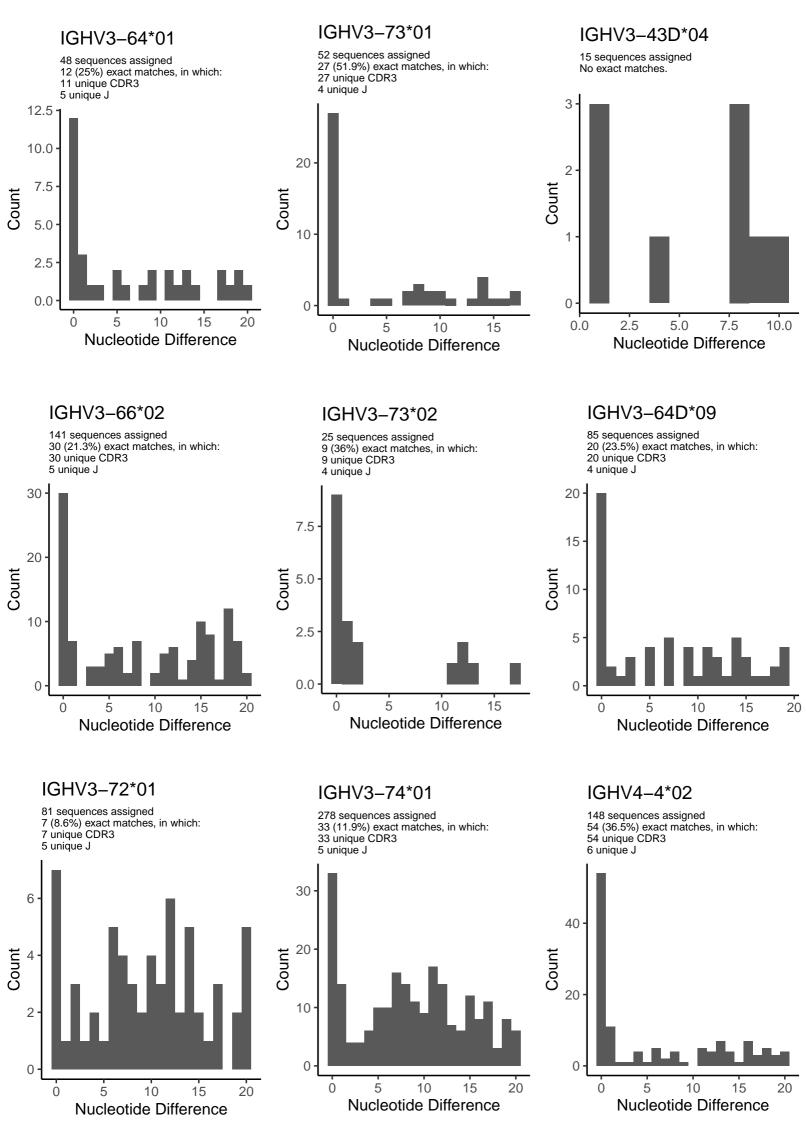
IGHV4-38-2\*02\_A70G- Final 3 nucleotides as a triplet

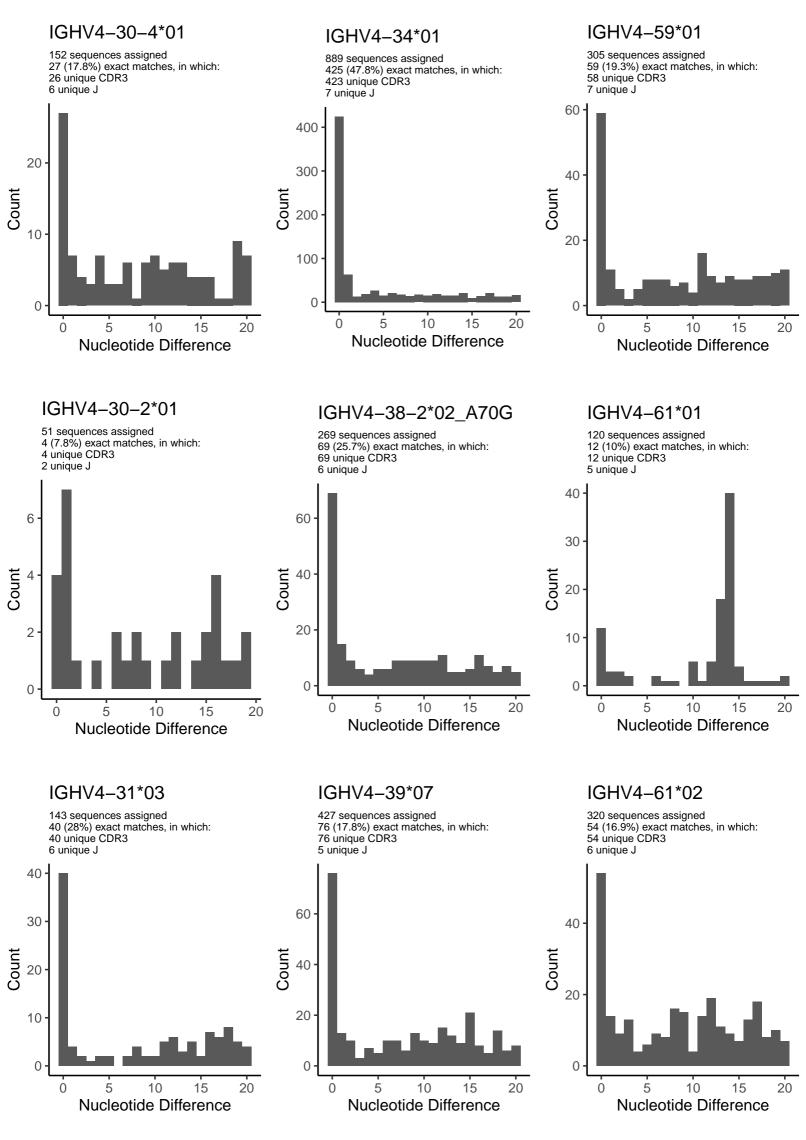






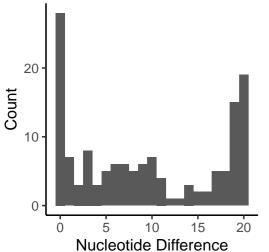






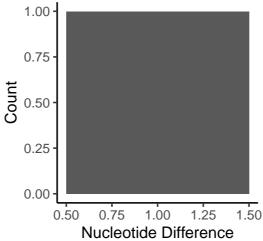
## IGHV5-10-1\*03

155 sequences assigned 28 (18.1%) exact matches, in which: 28 unique CDR3 6 unique J



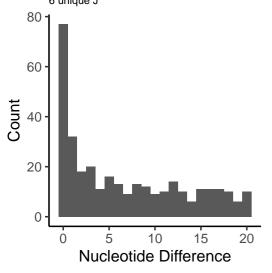
## IGHV7-4-1\*01

1 sequences assigned No exact matches.



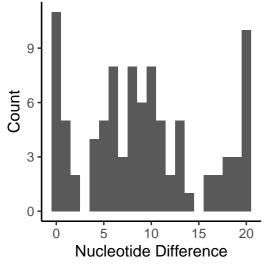
#### IGHV5-51\*01

398 sequences assigned 77 (19.3%) exact matches, in which: 76 unique CDR3 6 unique J

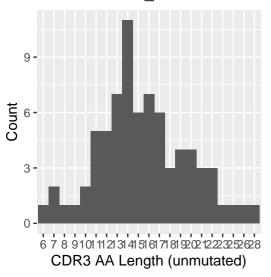


#### IGHV6-1\*01

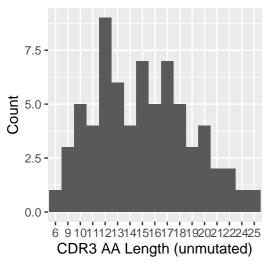
134 sequences assigned 11 (8.2%) exact matches, in which: 11 unique CDR3 2 unique J

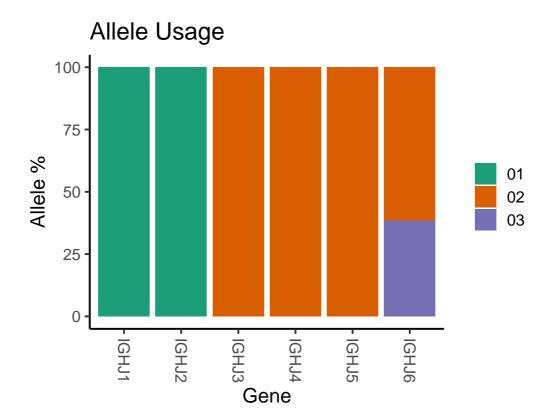


IGHV1-69\*08\_C191T

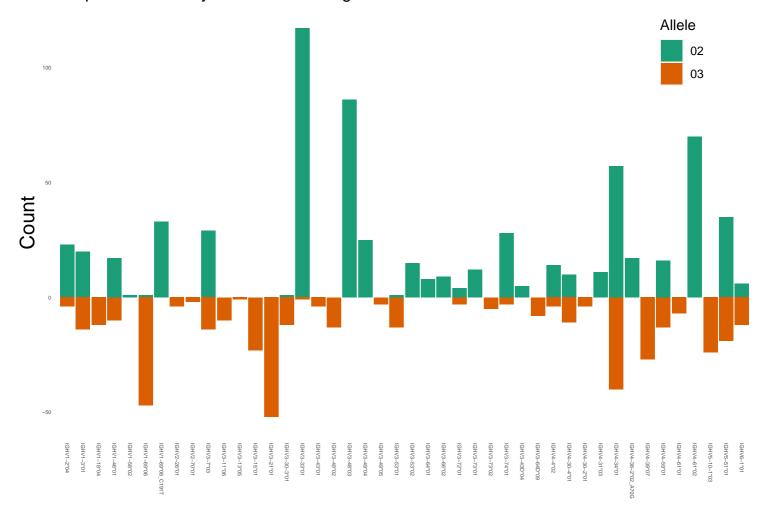


# IGHV4-38-2\*02\_A70G





# Sequence Count by IGHJ6 allele usage



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