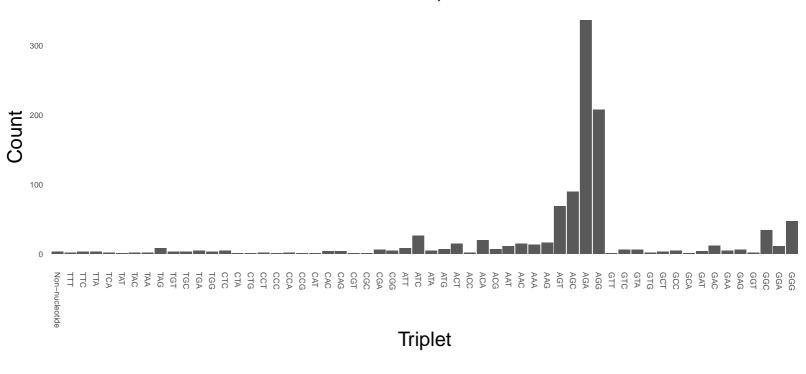
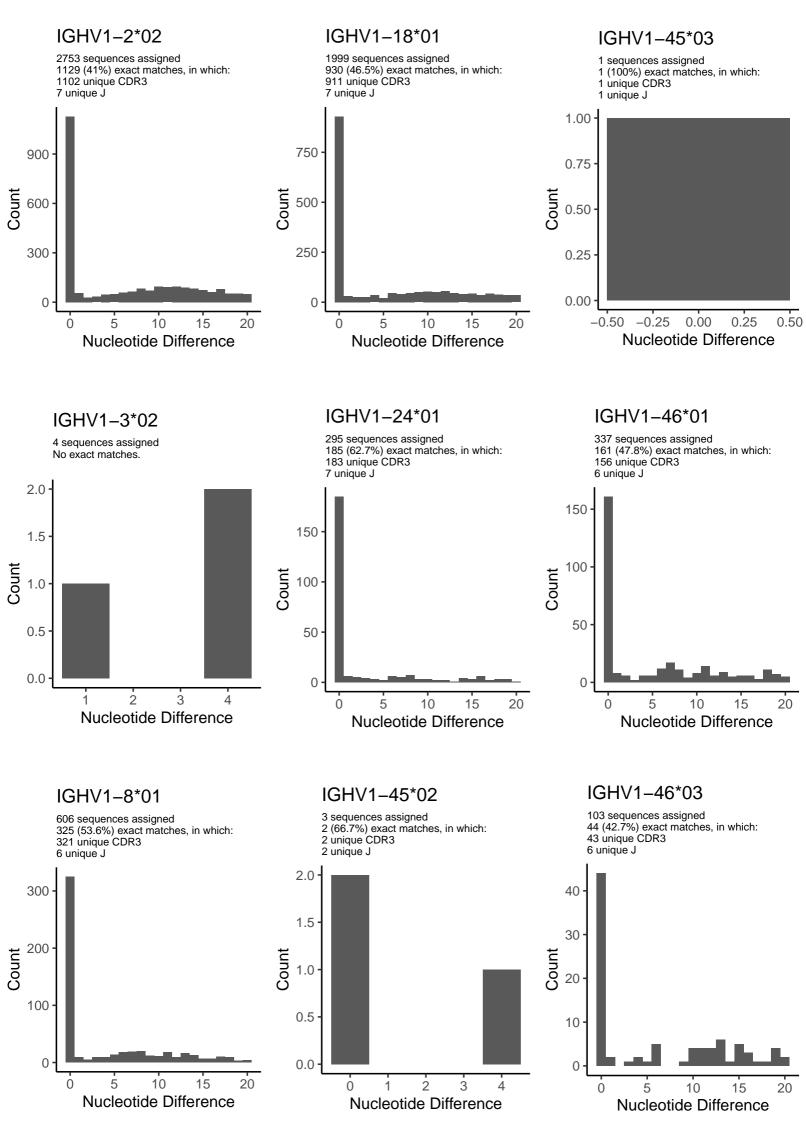
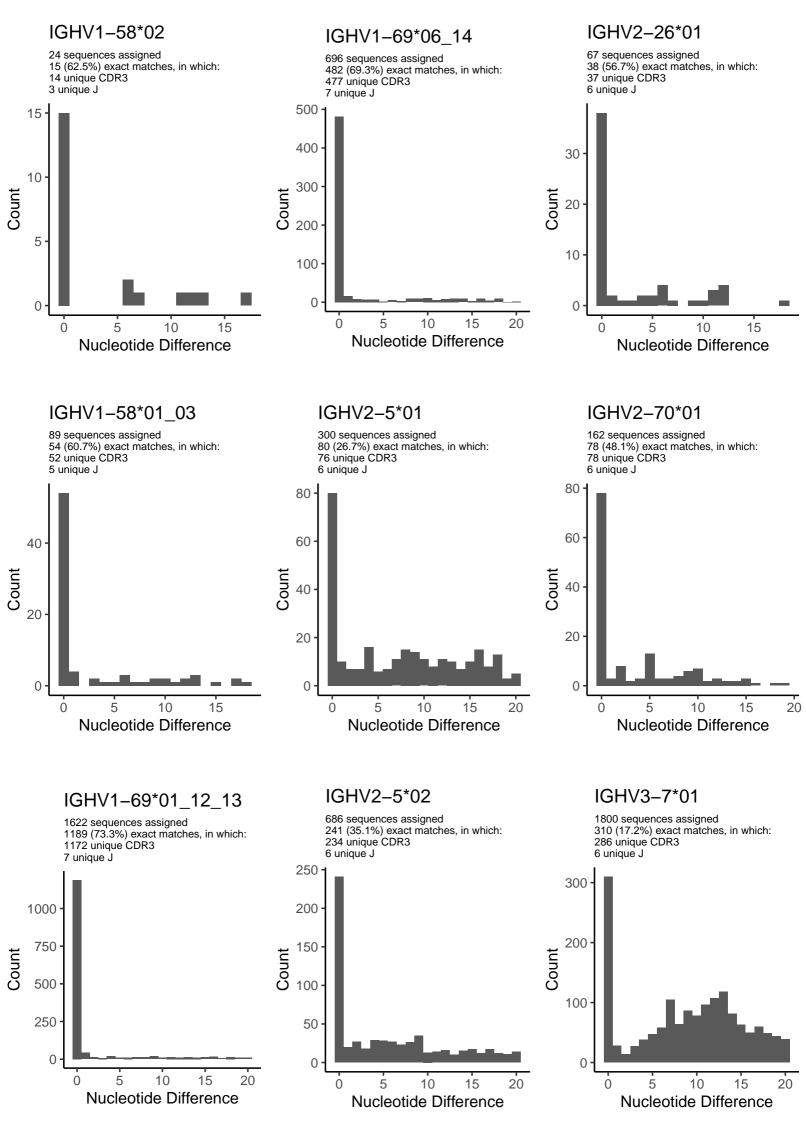


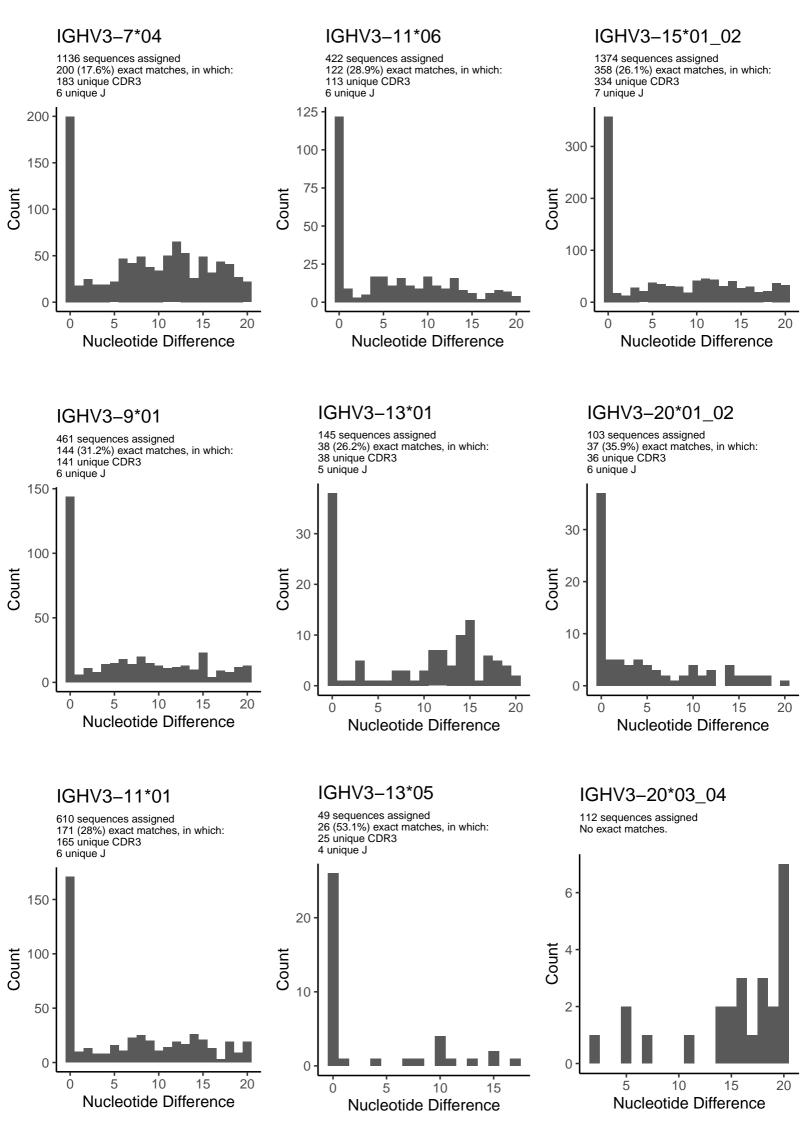


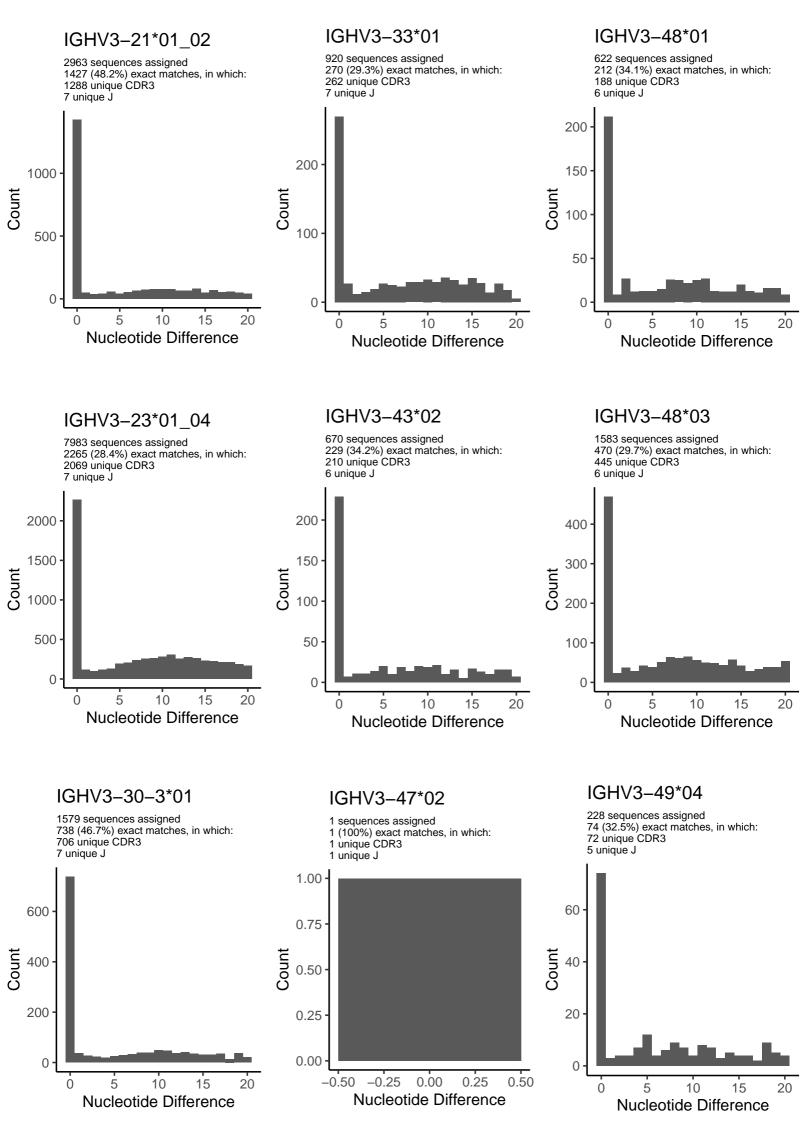
IGHV4-61*02_A234G- Final 3 nucleotides as a triplet

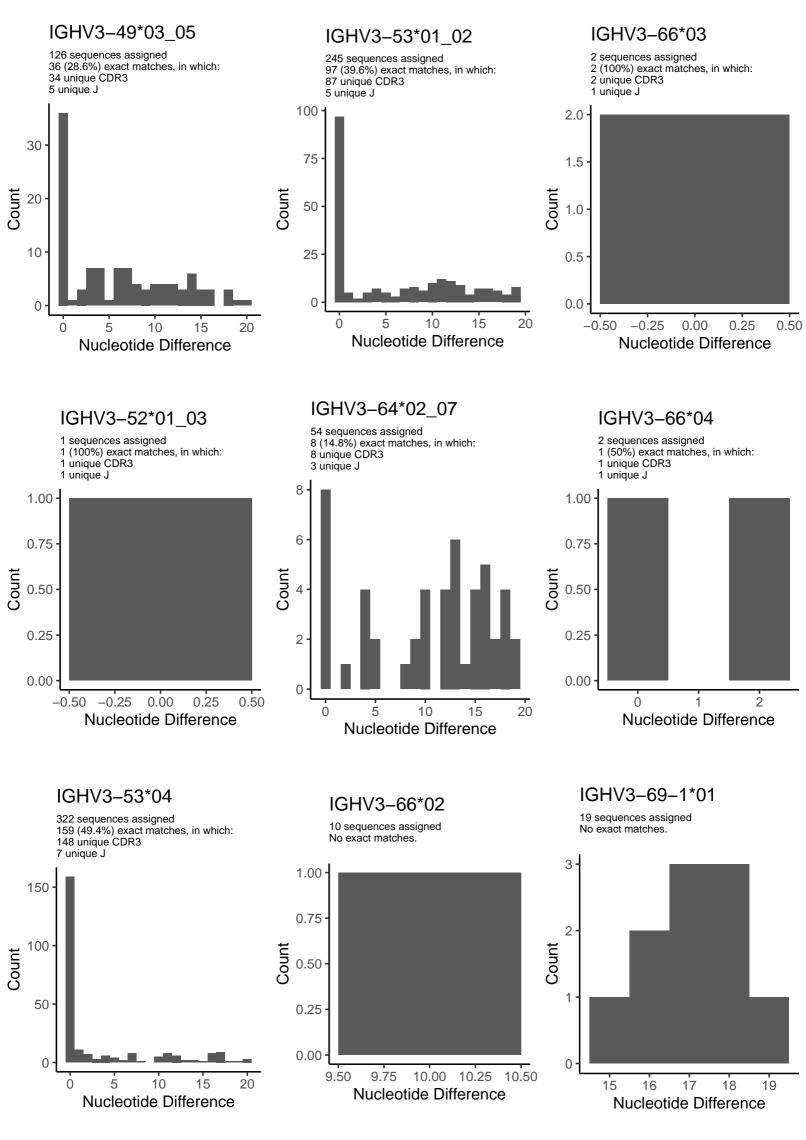


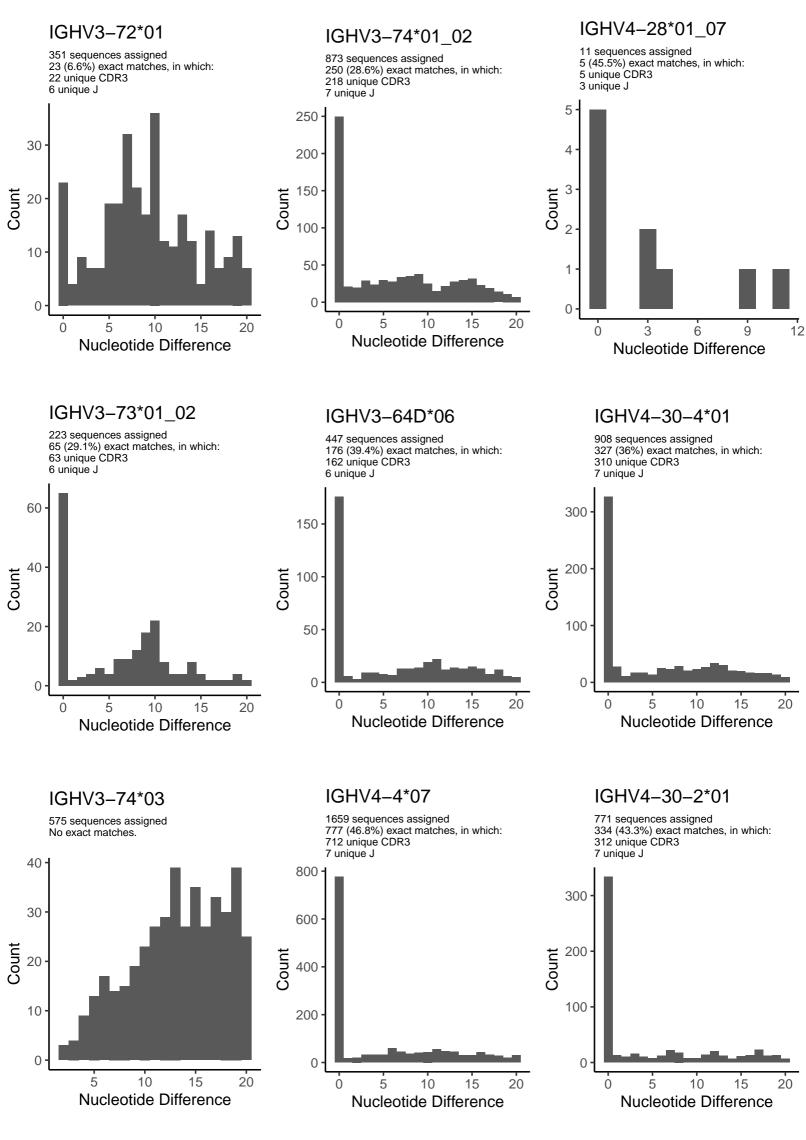


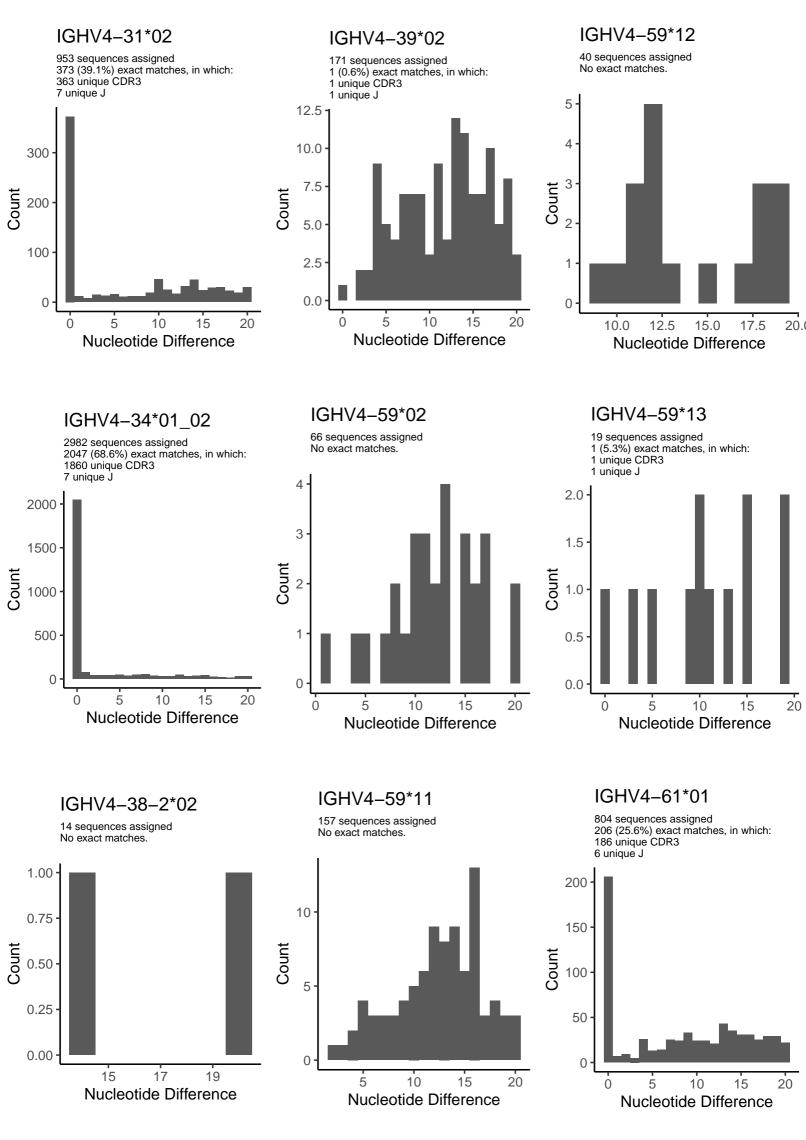






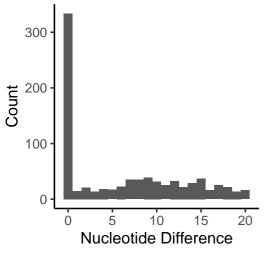






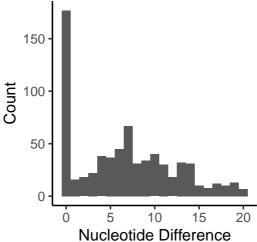
IGHV4-61*02_A234G

1069 sequences assigned 334 (31.2%) exact matches, in which: 323 unique CDR3 7 unique J



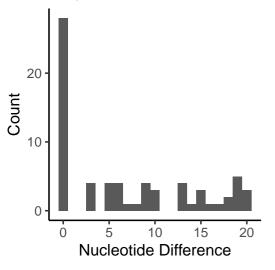
IGHV6-1*01_02

725 sequences assigned 177 (24.4%) exact matches, in which: 174 unique CDR3 7 unique J



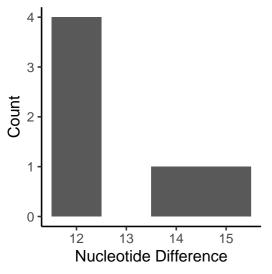
IGHV5-10-1*01_03

112 sequences assigned 28 (25%) exact matches, in which: 28 unique CDR3 4 unique J

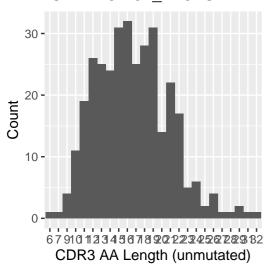


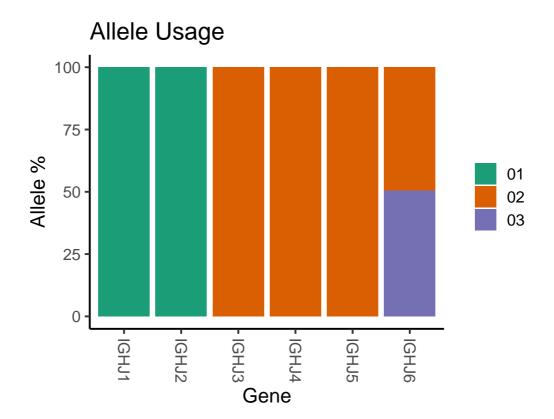
IGHV5-51*06

6 sequences assigned No exact matches.



IGHV4-61*02_A234G





Sequence Count by IGHJ6 allele usage



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