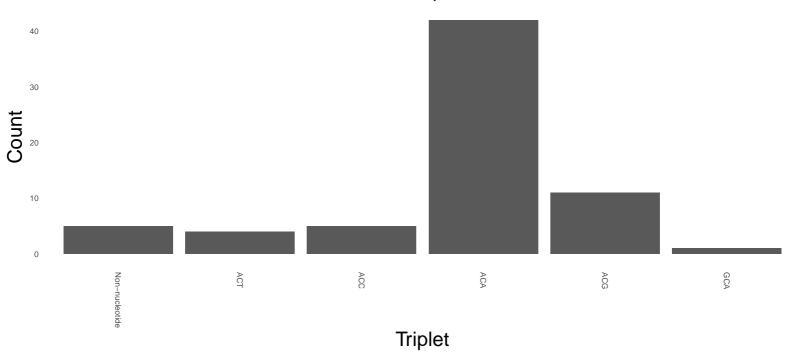
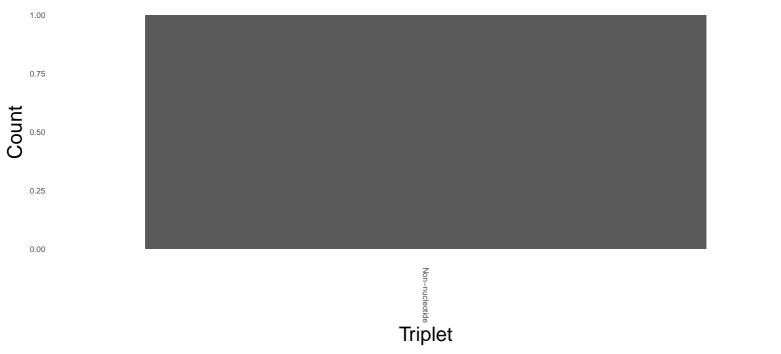
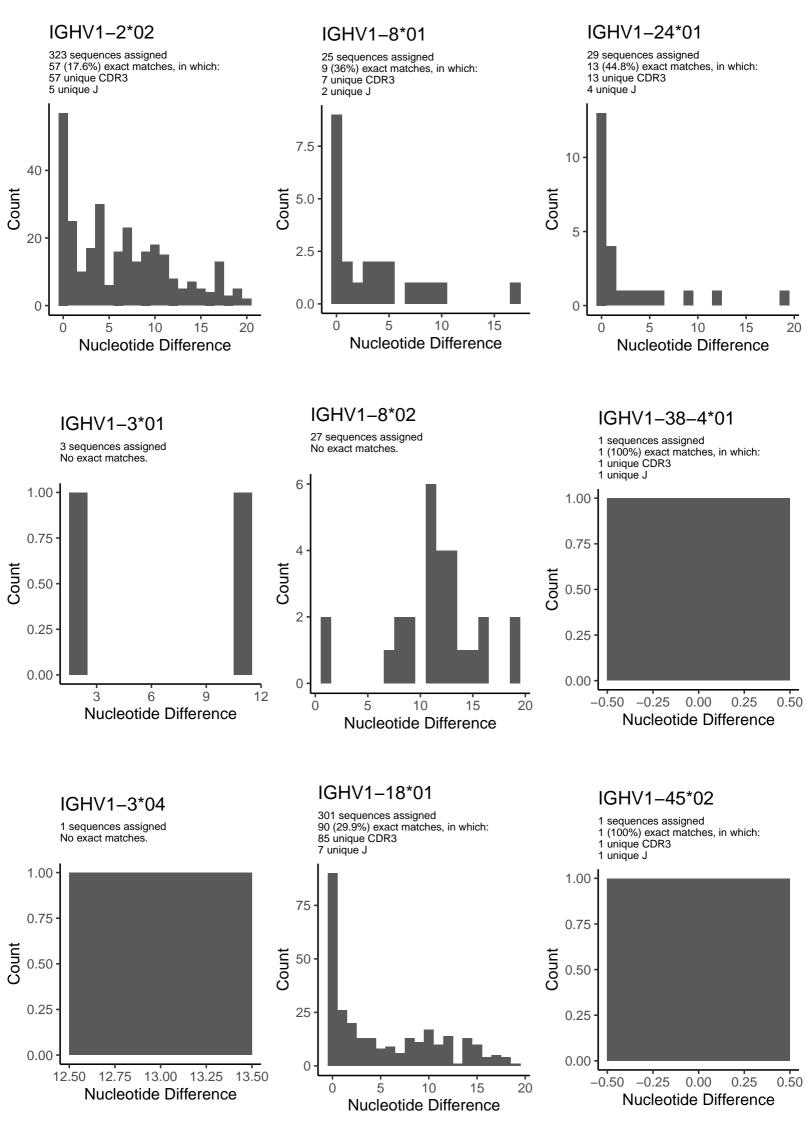


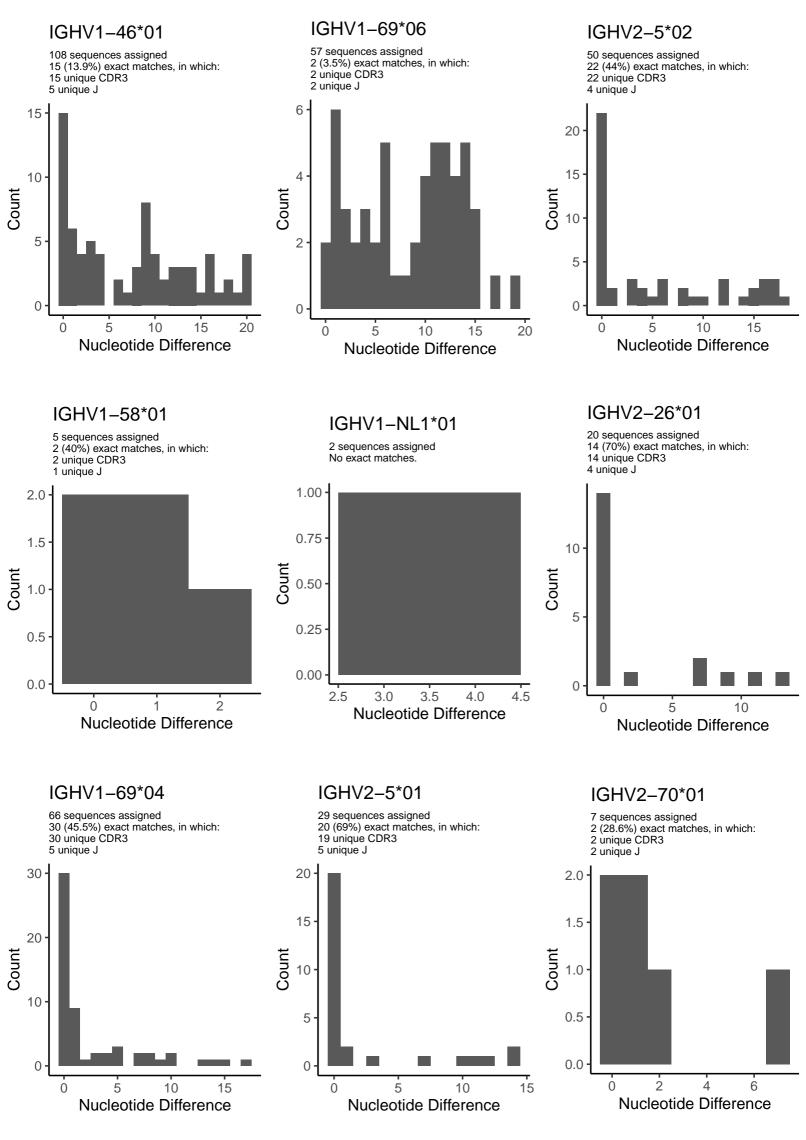
IGHV4-59*08_A291G- Final 3 nucleotides as a triplet

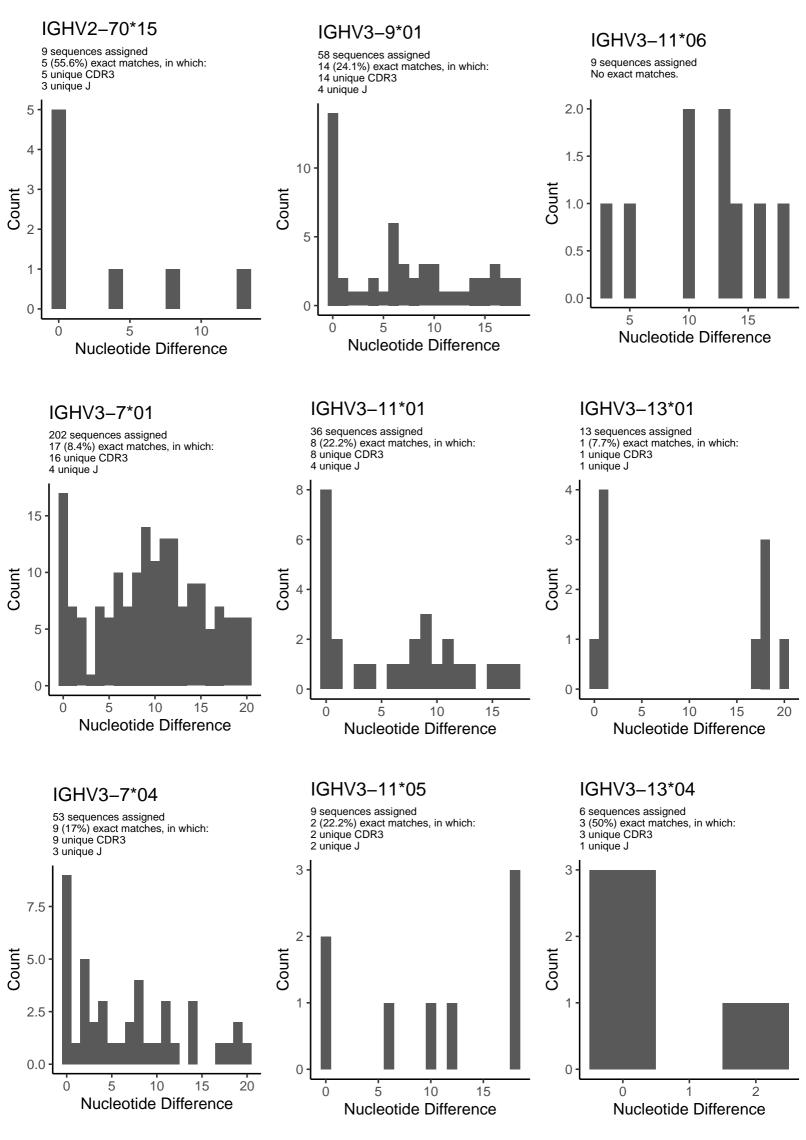


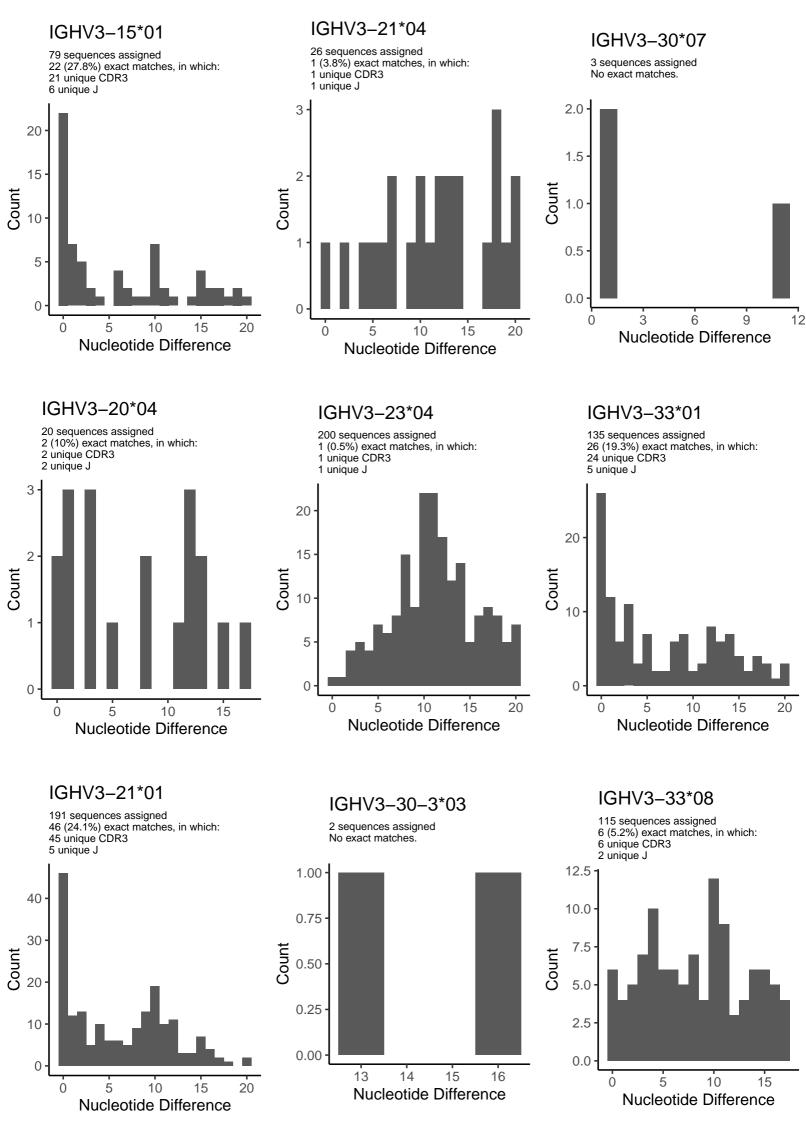
IGHV4-61*07_T288C- Final 3 nucleotides as a triplet

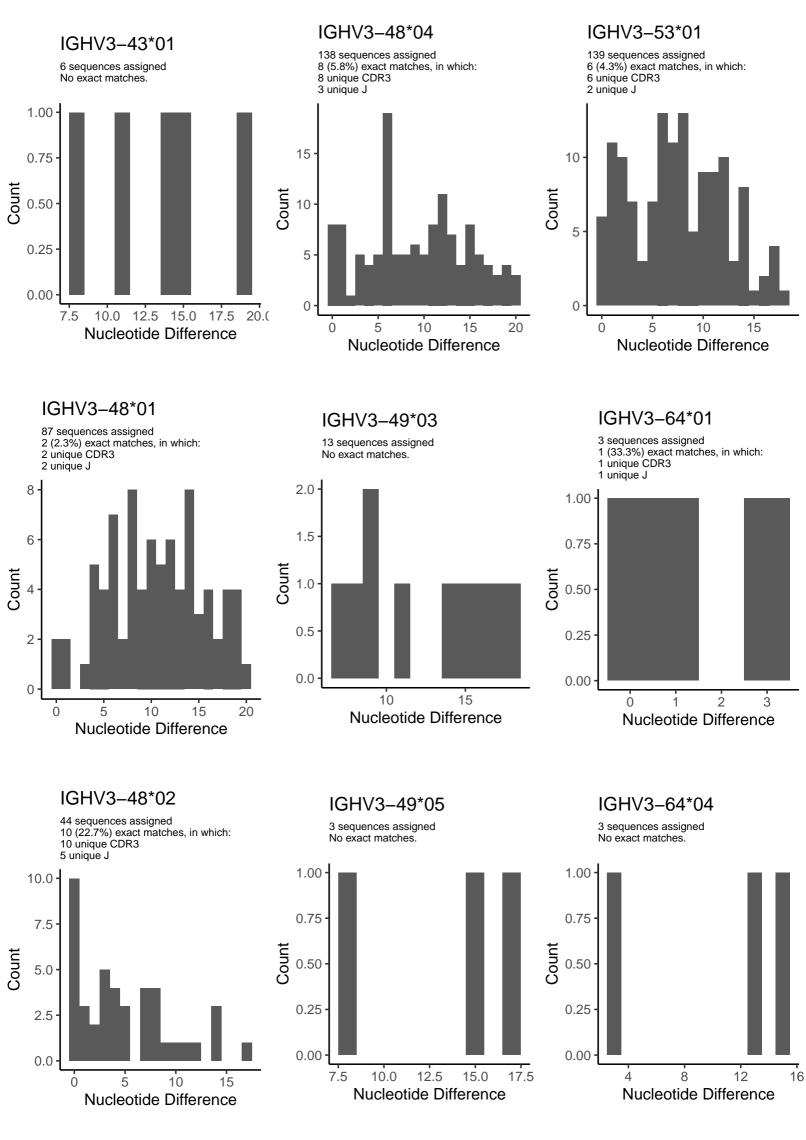


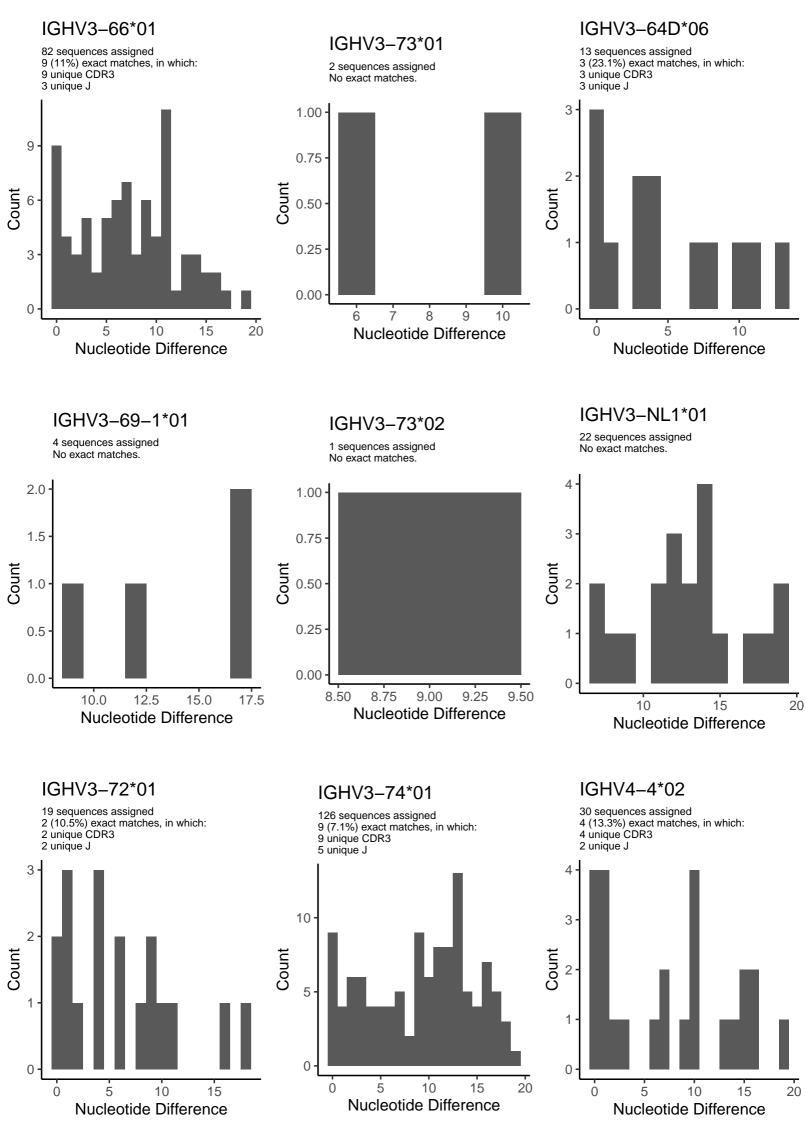


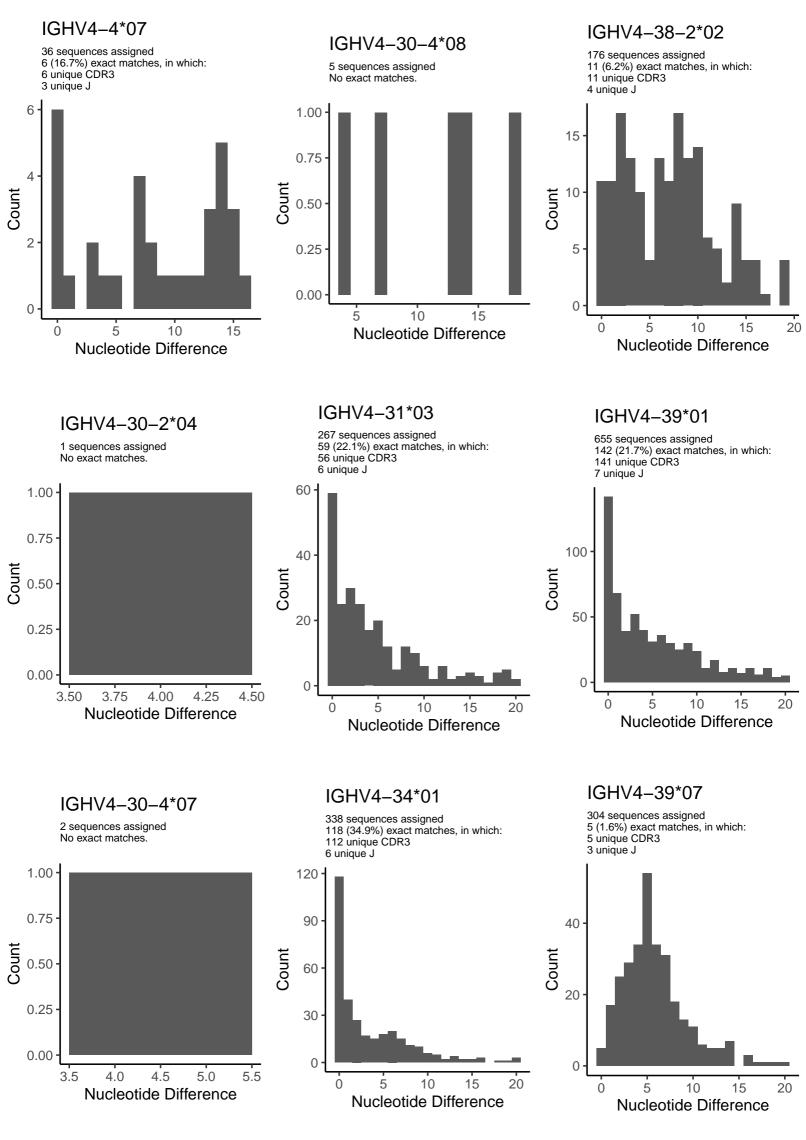


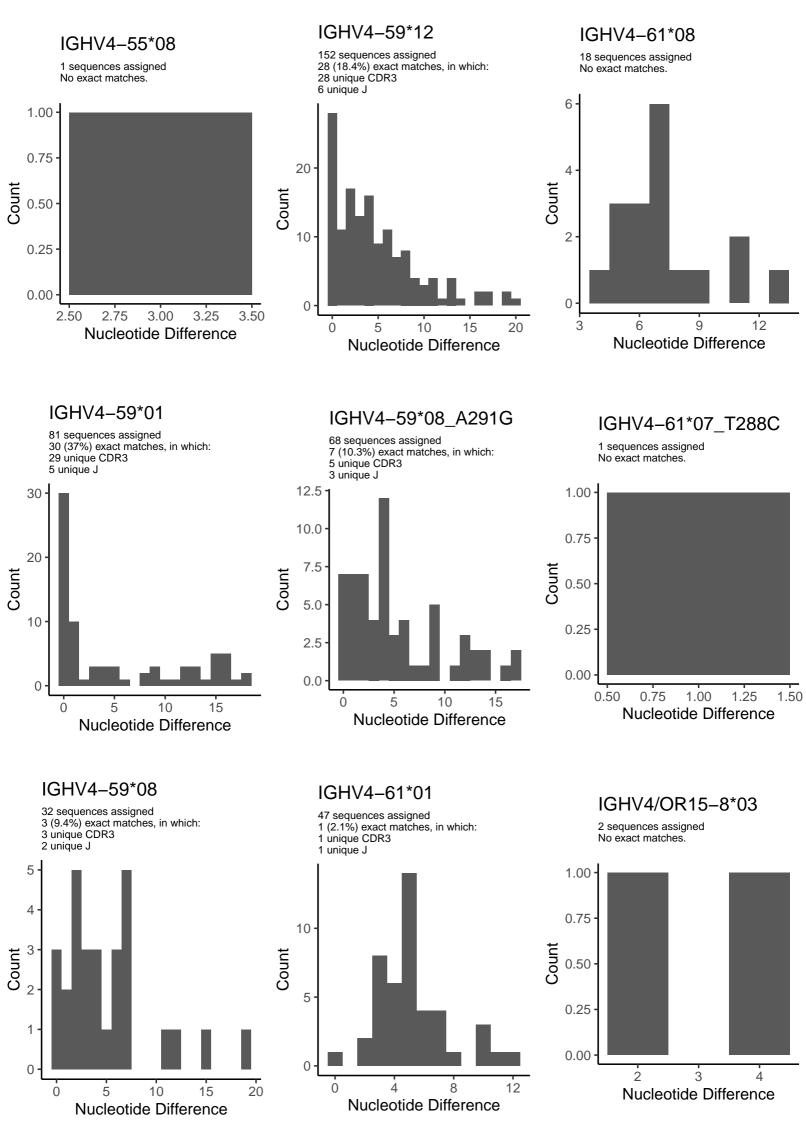






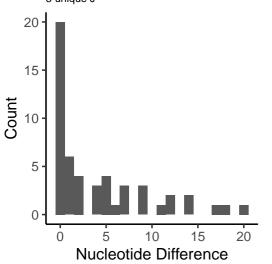






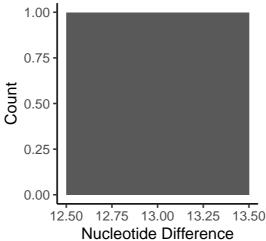
IGHV5-10-1*01

54 sequences assigned 20 (37%) exact matches, in which: 17 unique CDR3 5 unique J



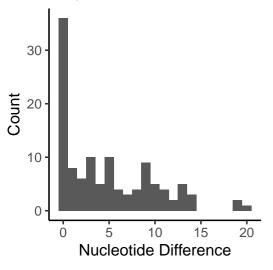
IGHV3/OR16-6*02

1 sequences assigned No exact matches.



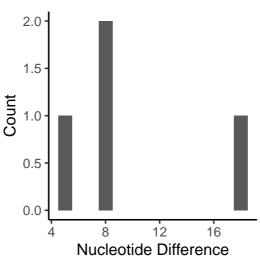
IGHV5-51*01

123 sequences assigned 36 (29.3%) exact matches, in which: 34 unique CDR3 6 unique J



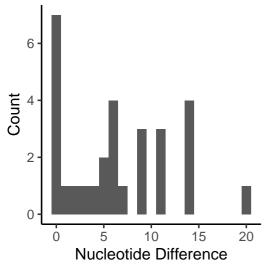
IGHV7-4-1*02

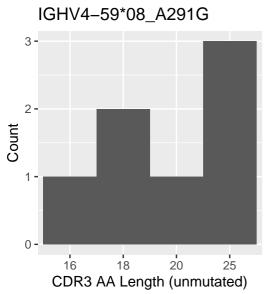
4 sequences assigned No exact matches.

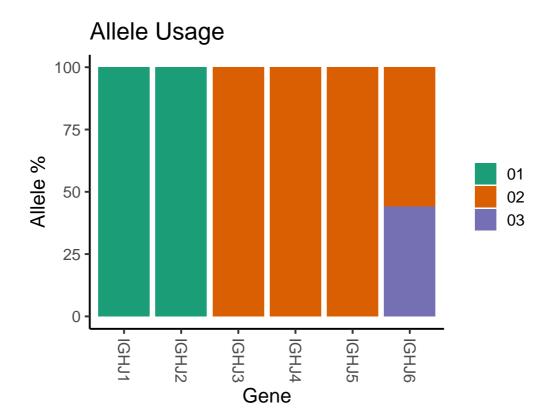


IGHV6-1*01

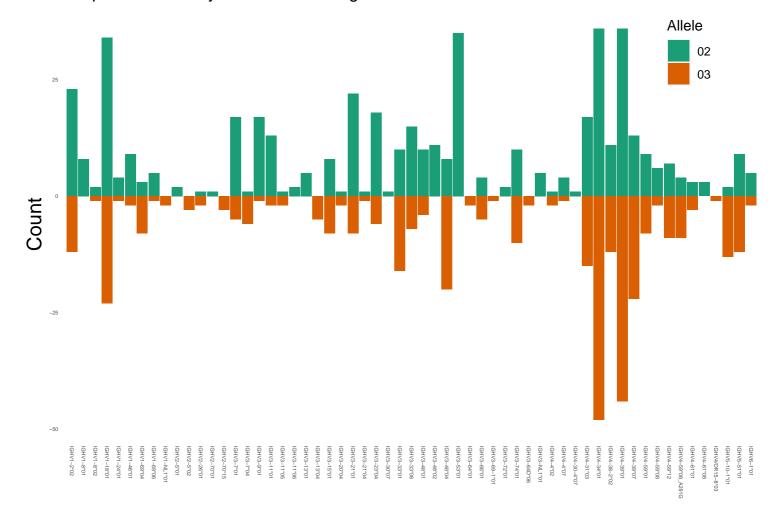
29 sequences assigned 7 (24.1%) exact matches, in which: 7 unique CDR3 3 unique J







Sequence Count by IGHJ6 allele usage



Warning - no inferred sequences found. Warning - no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found.