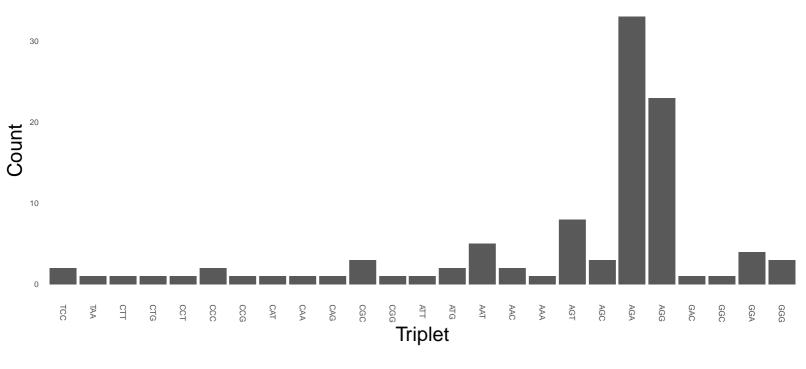
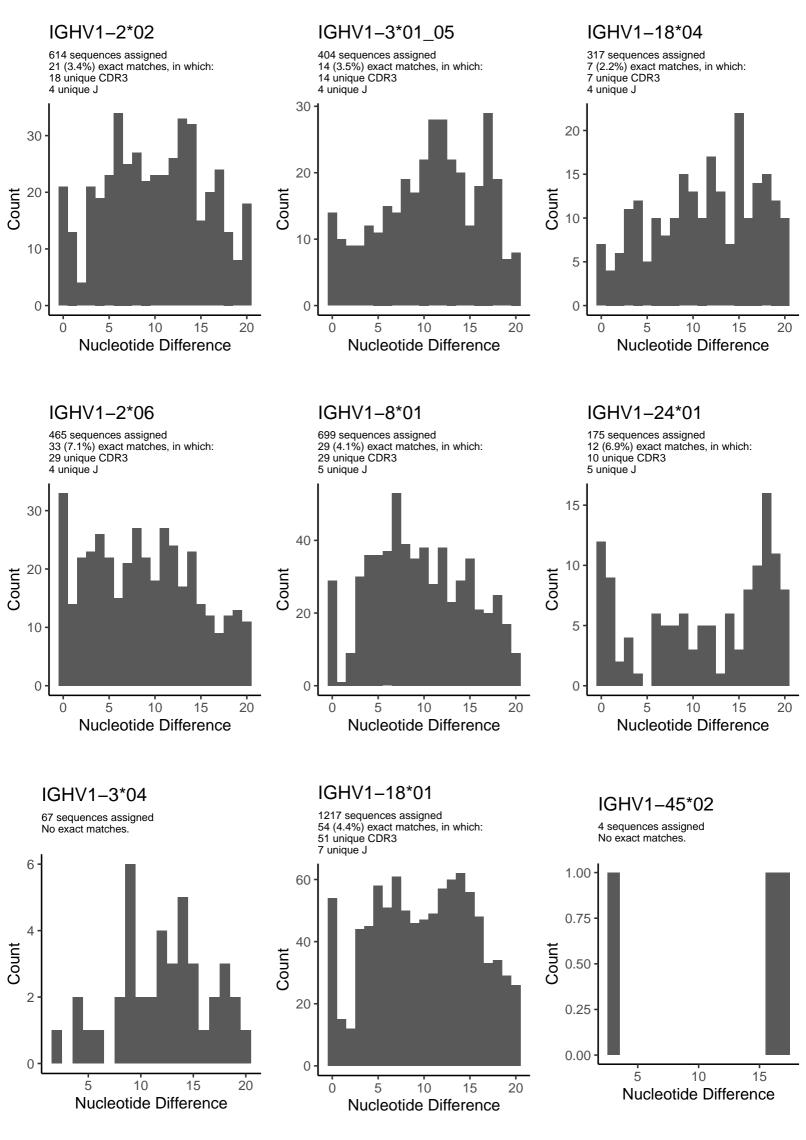
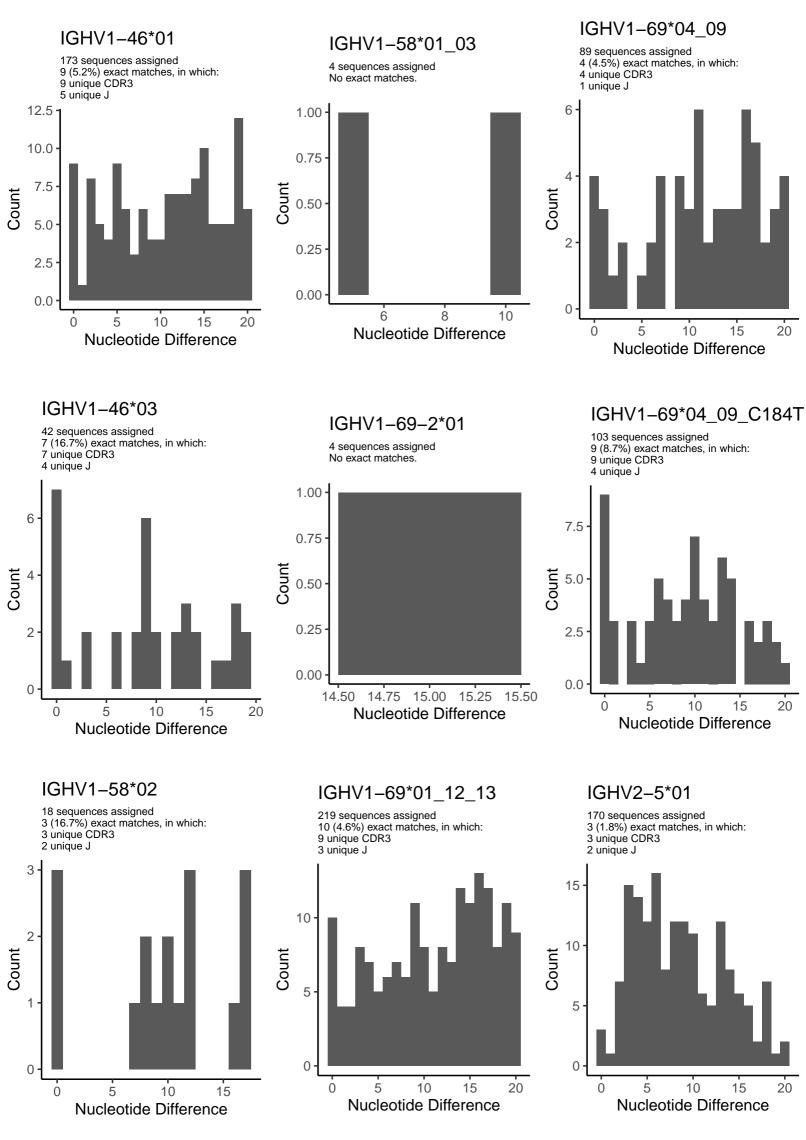
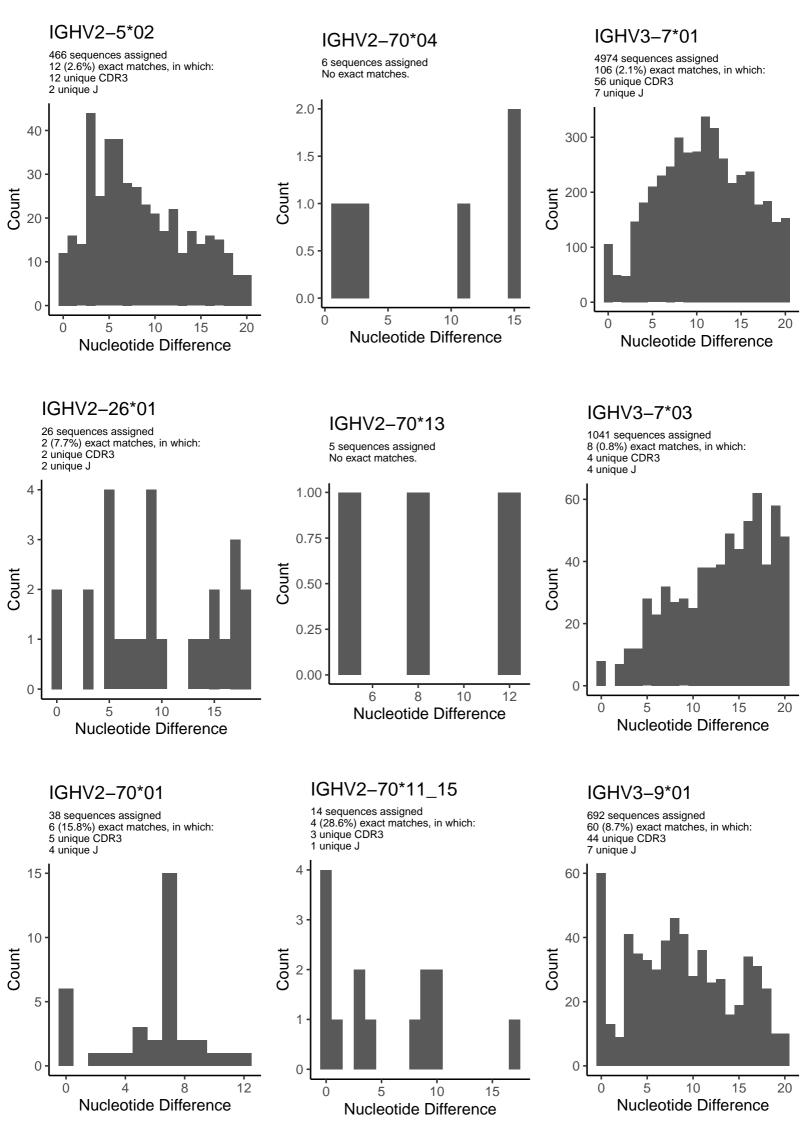


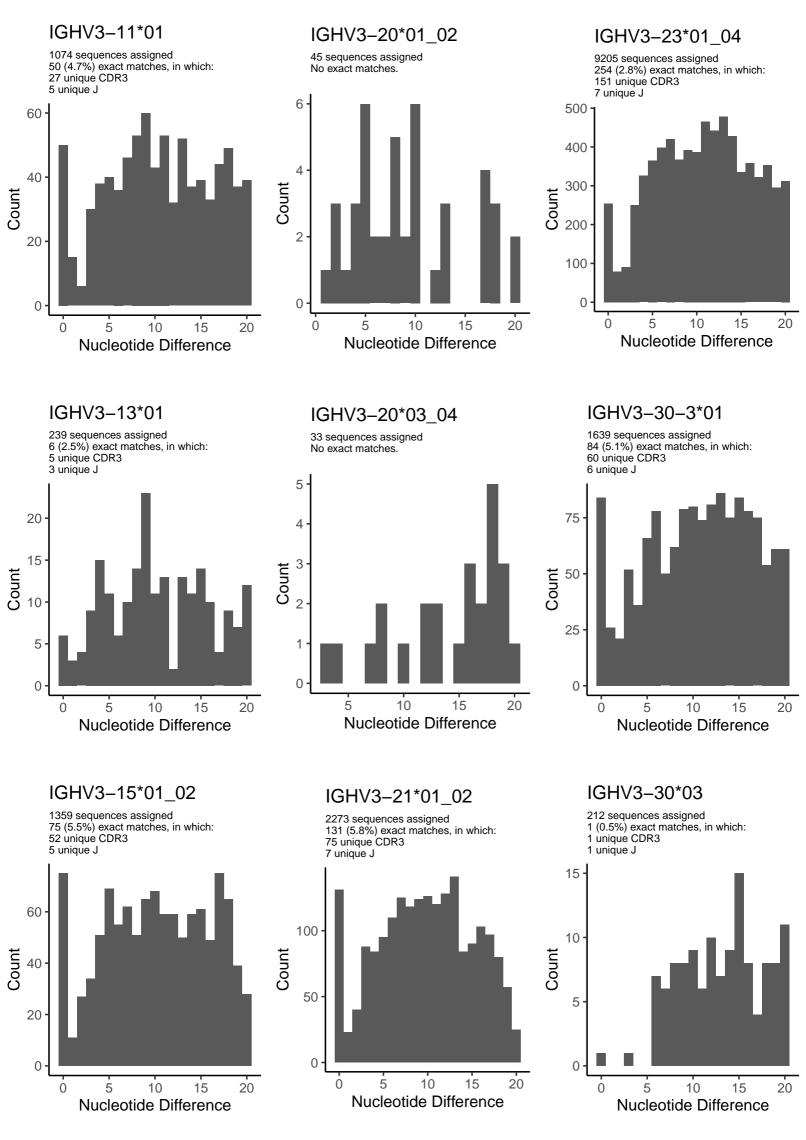
IGHV1-69\*04\_09\_C184T- Final 3 nucleotides as a triplet

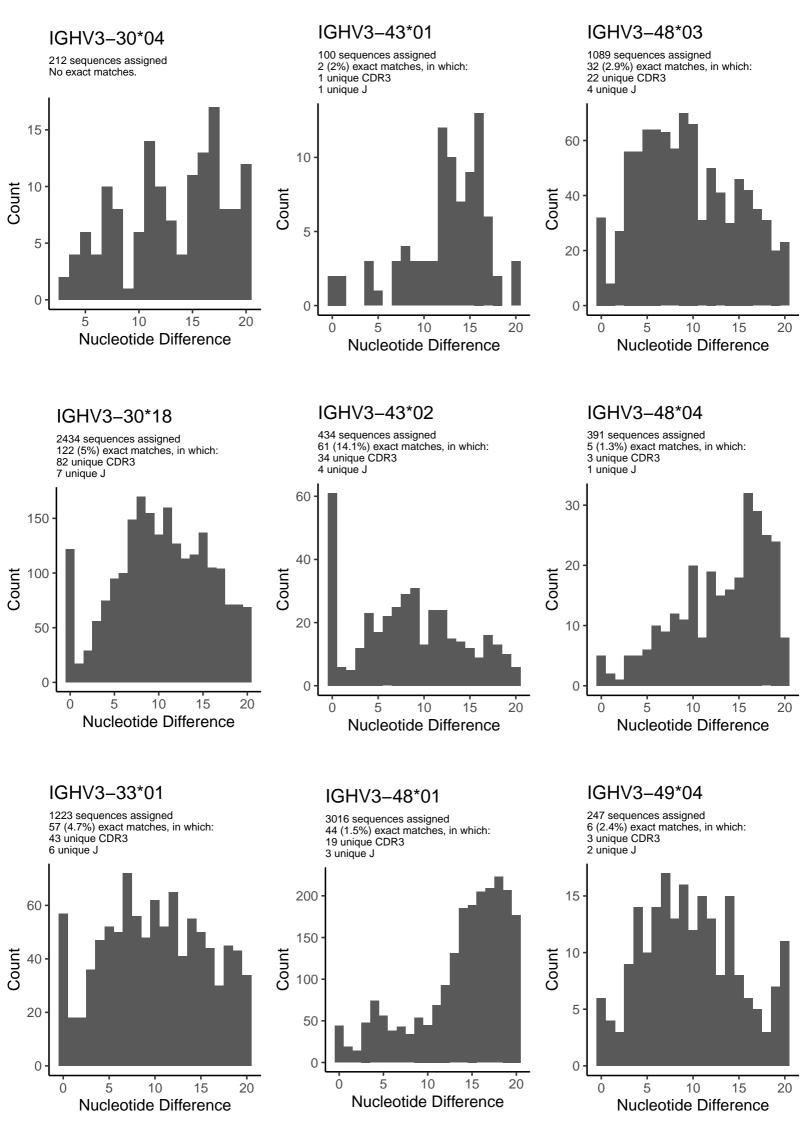


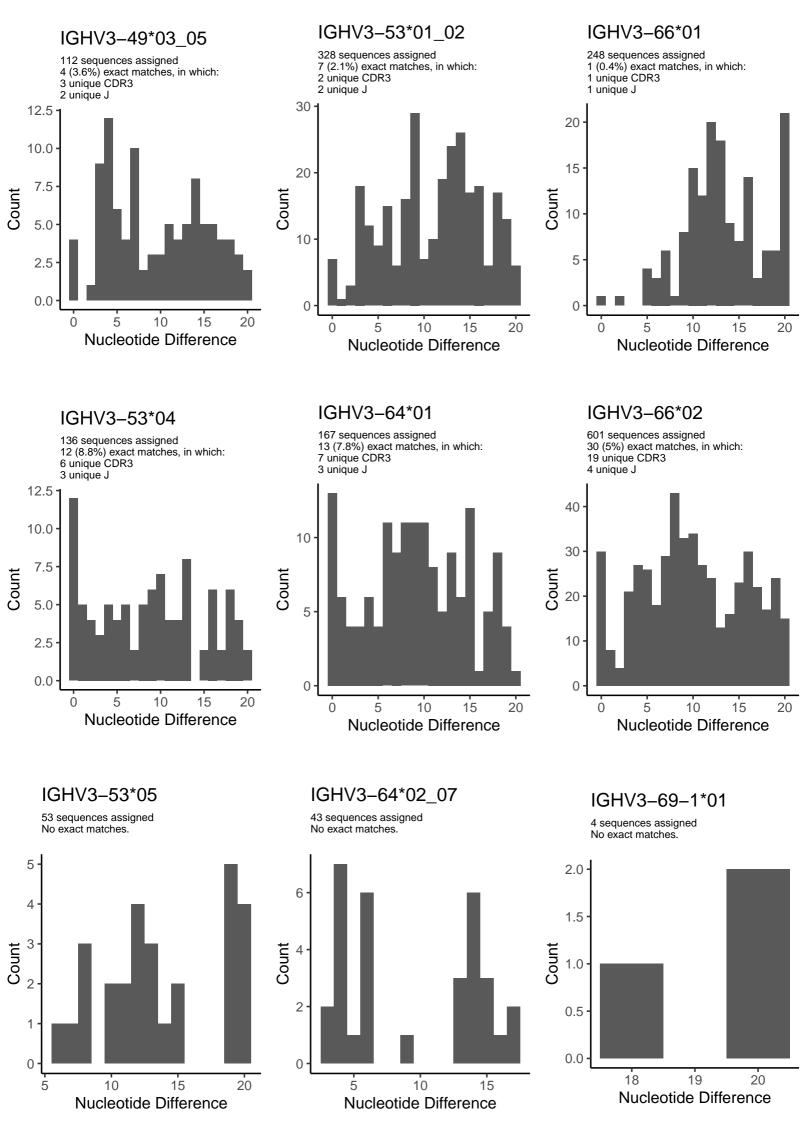


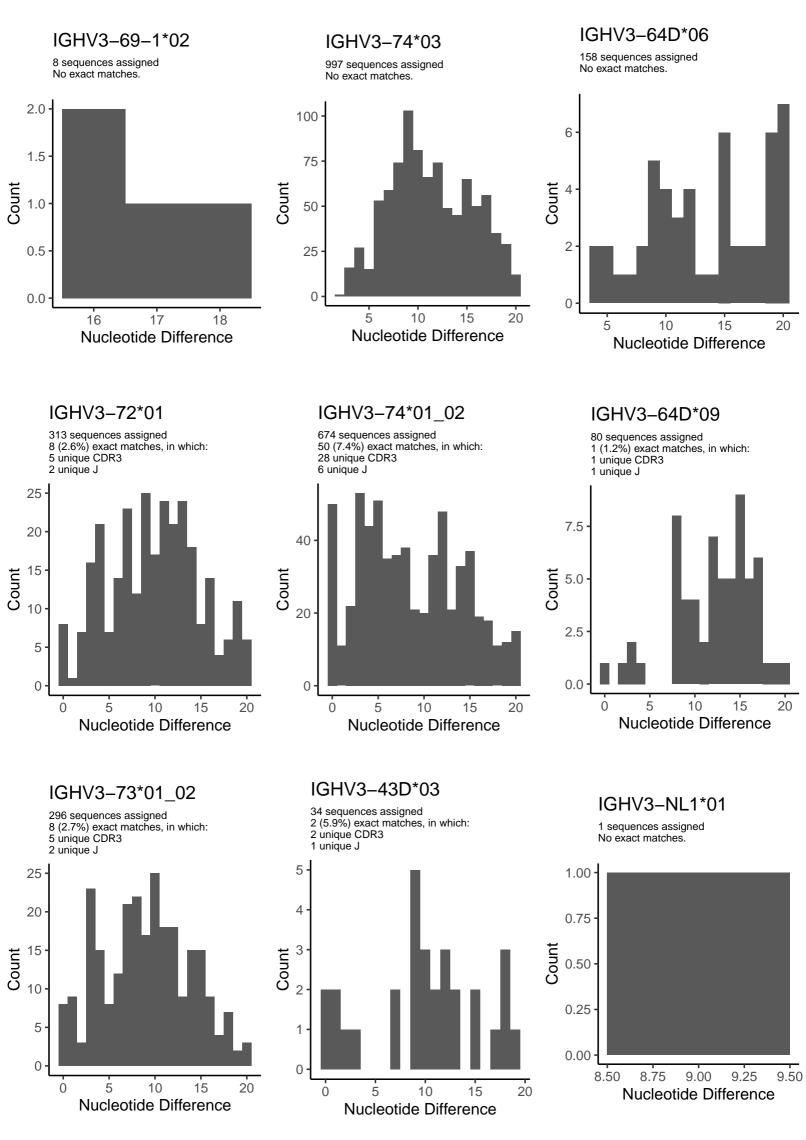


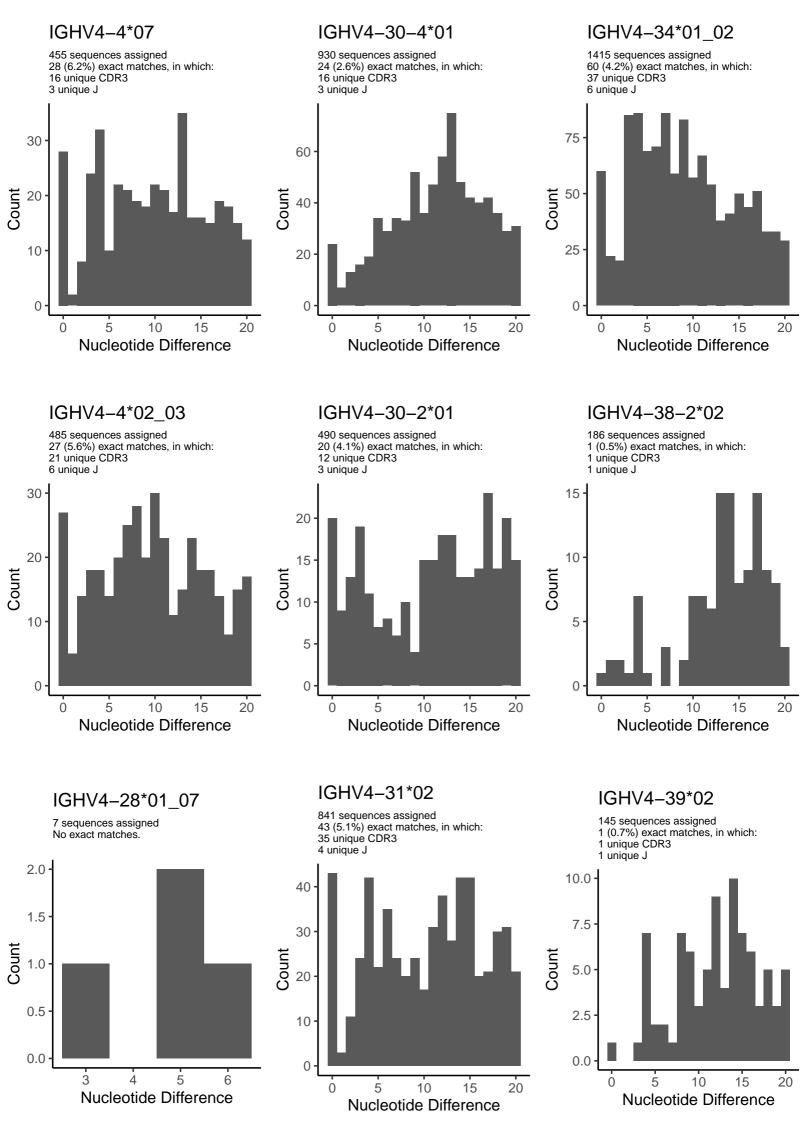


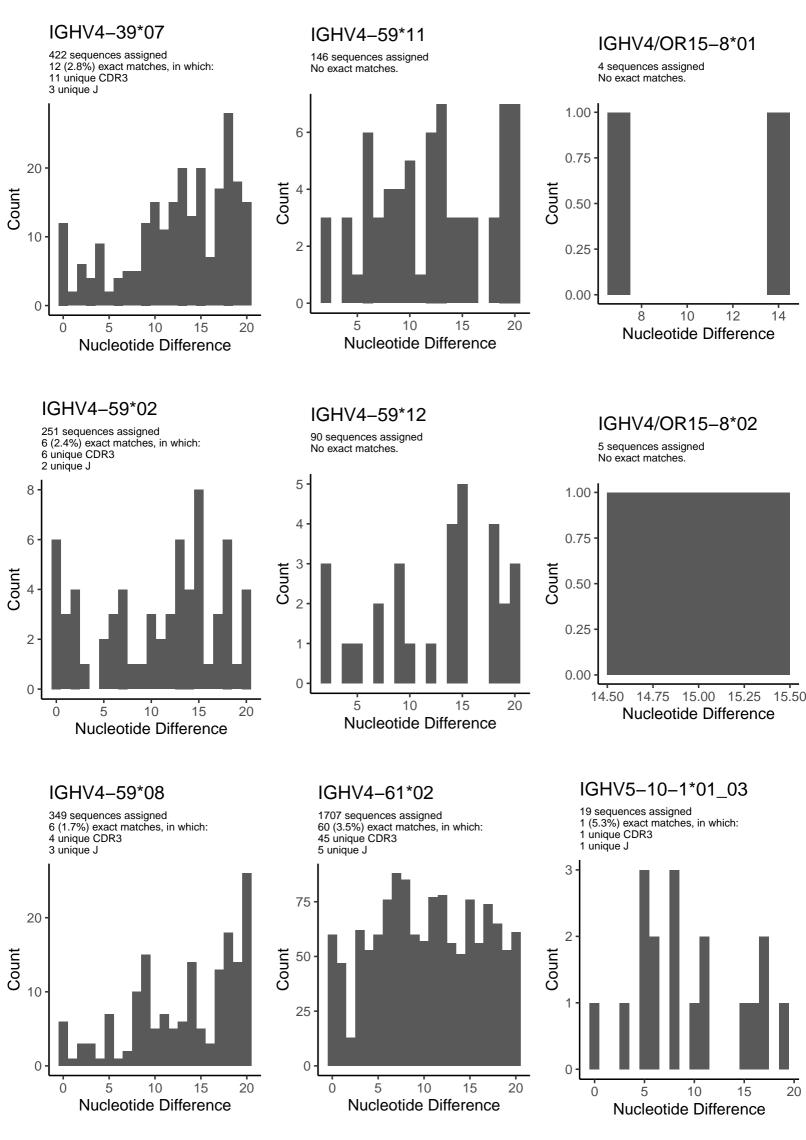






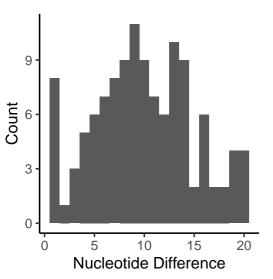






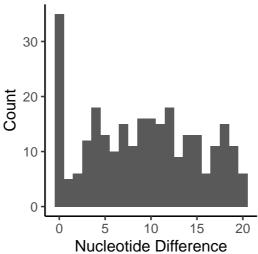
## IGHV5-51\*07

135 sequences assigned No exact matches.



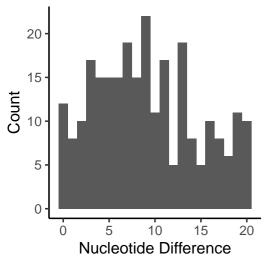
## IGHV7-4-1\*02

311 sequences assigned 35 (11.3%) exact matches, in which: 33 unique CDR3 5 unique J



## IGHV5-51\*01\_03

287 sequences assigned 12 (4.2%) exact matches, in which: 11 unique CDR3 4 unique J



## IGHV6-1\*01\_02

519 sequences assigned 10 (1.9%) exact matches, in which: 8 unique CDR3 5 unique J

