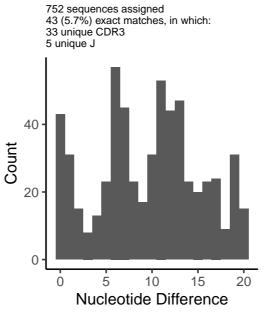
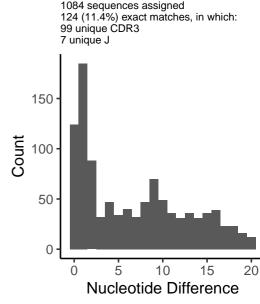


# 30418 sequences assigned 2415 (7.9%) exact matches, in which: 1660 unique CDR3 7 unique J 4000 3000 Count 2000 1000 0 10 0 15 20 Nucleotide Difference

IGHV1-46\*01

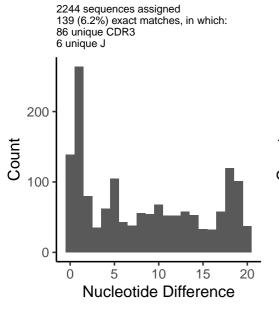


IGHV1-69-2\*01

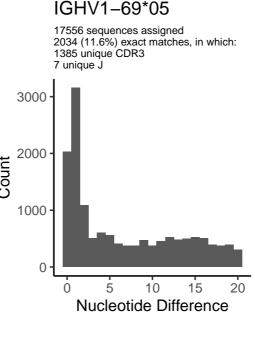


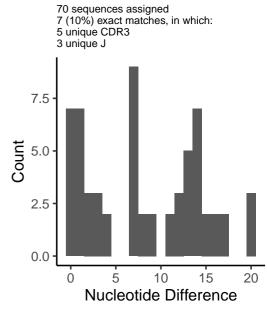
IGHV2-5\*01

1084 sequences assigned

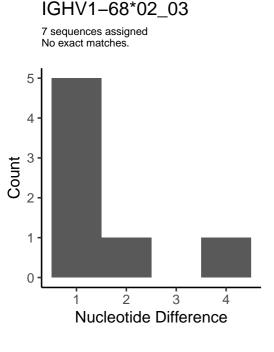


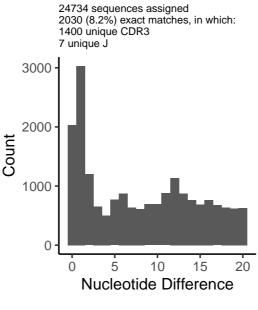
IGHV1-58\*02



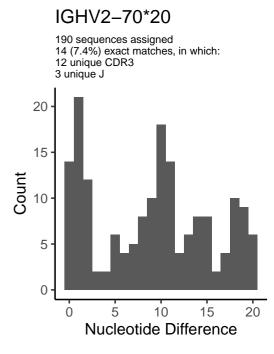


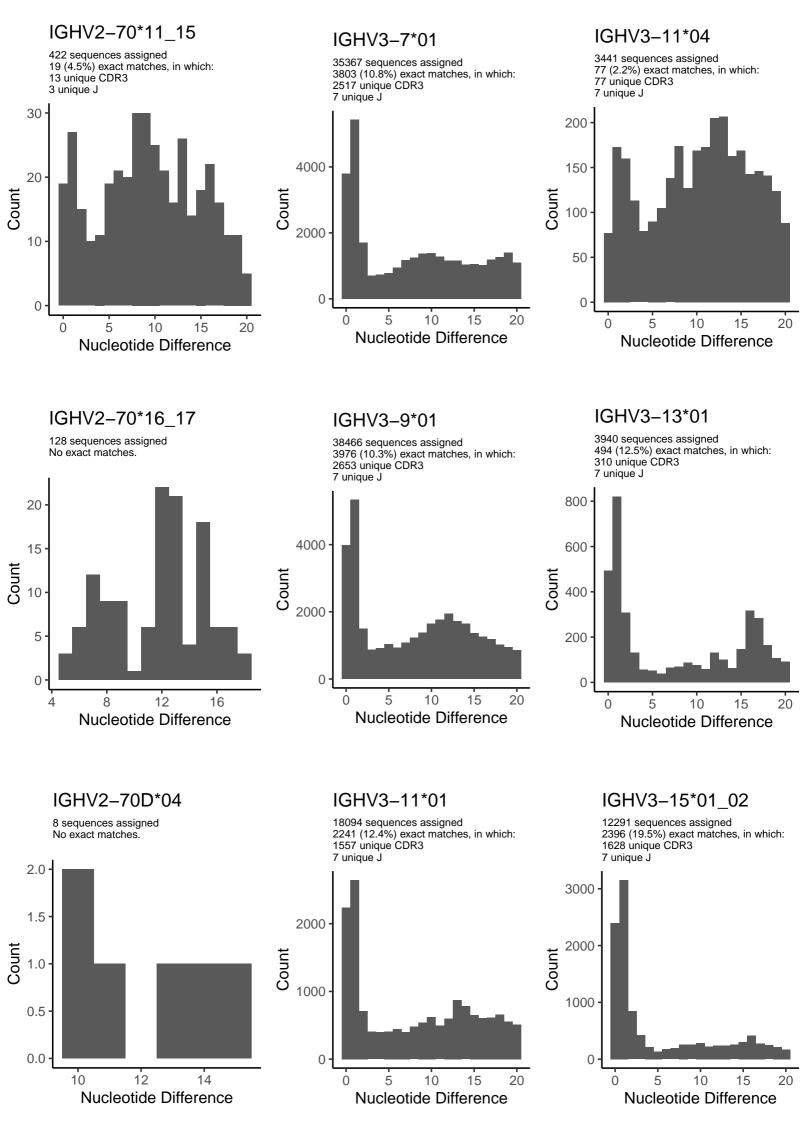
IGHV2-26\*01

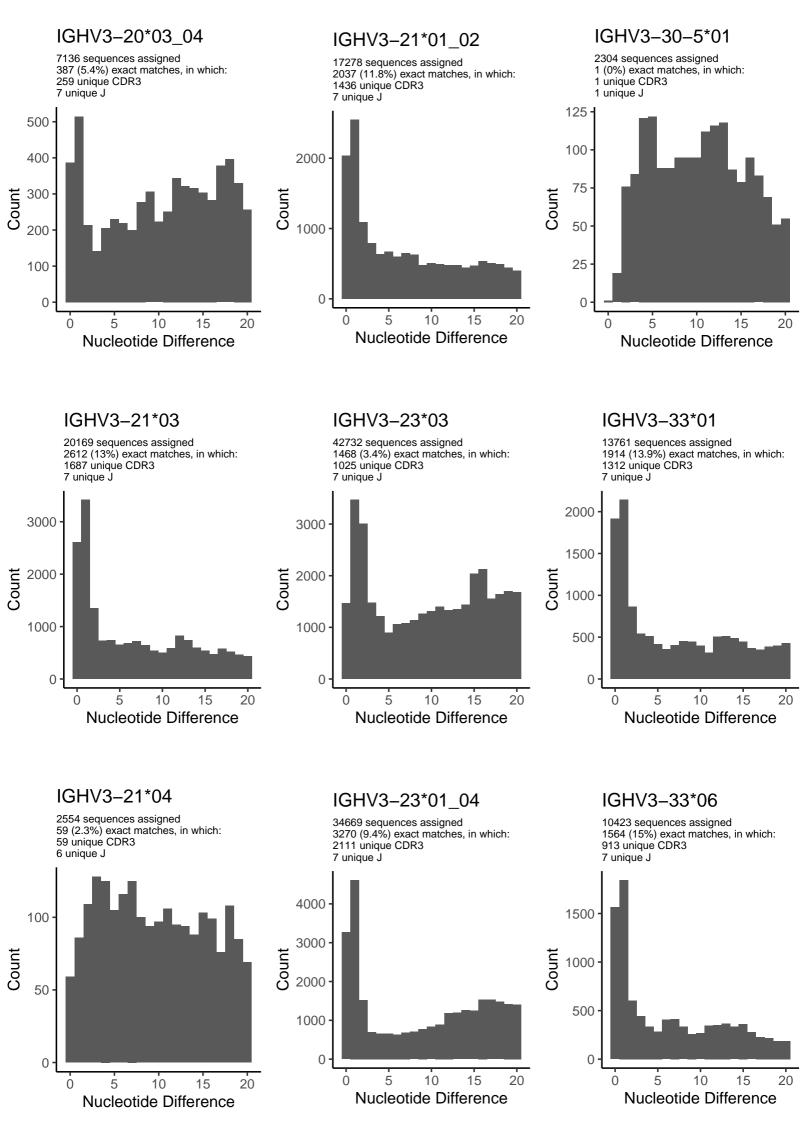


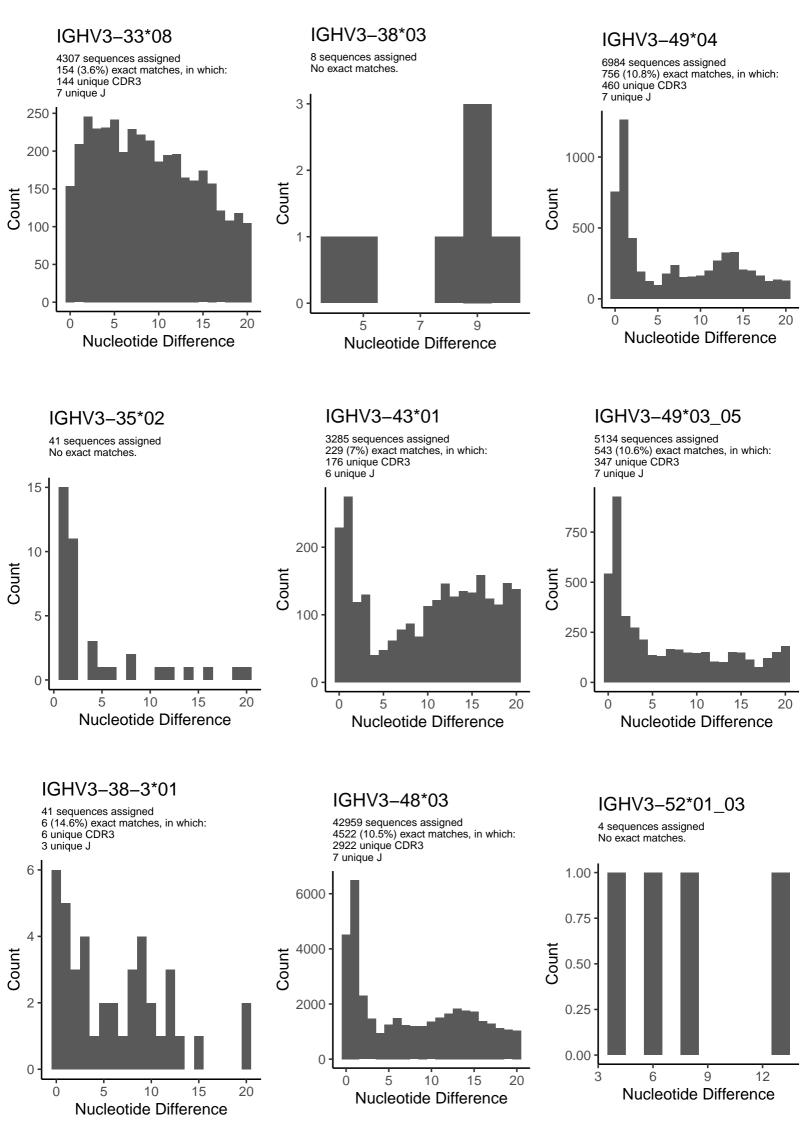


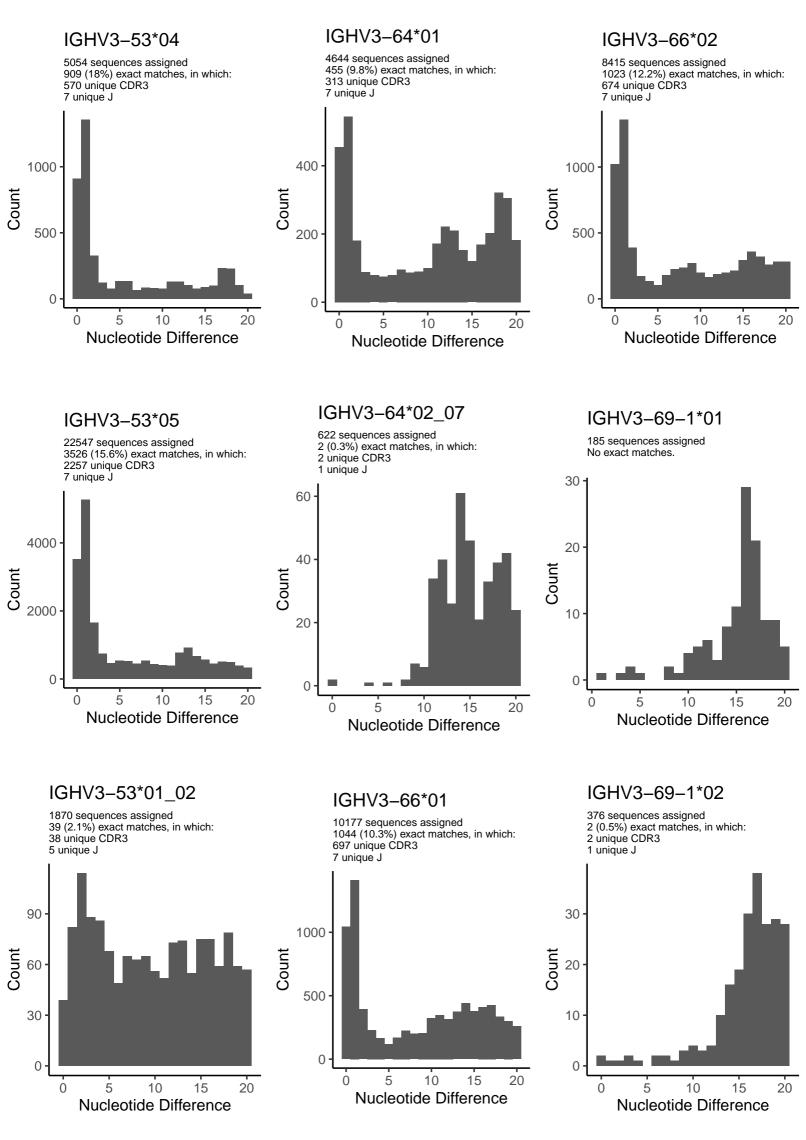
IGHV1-69\*01\_12\_13

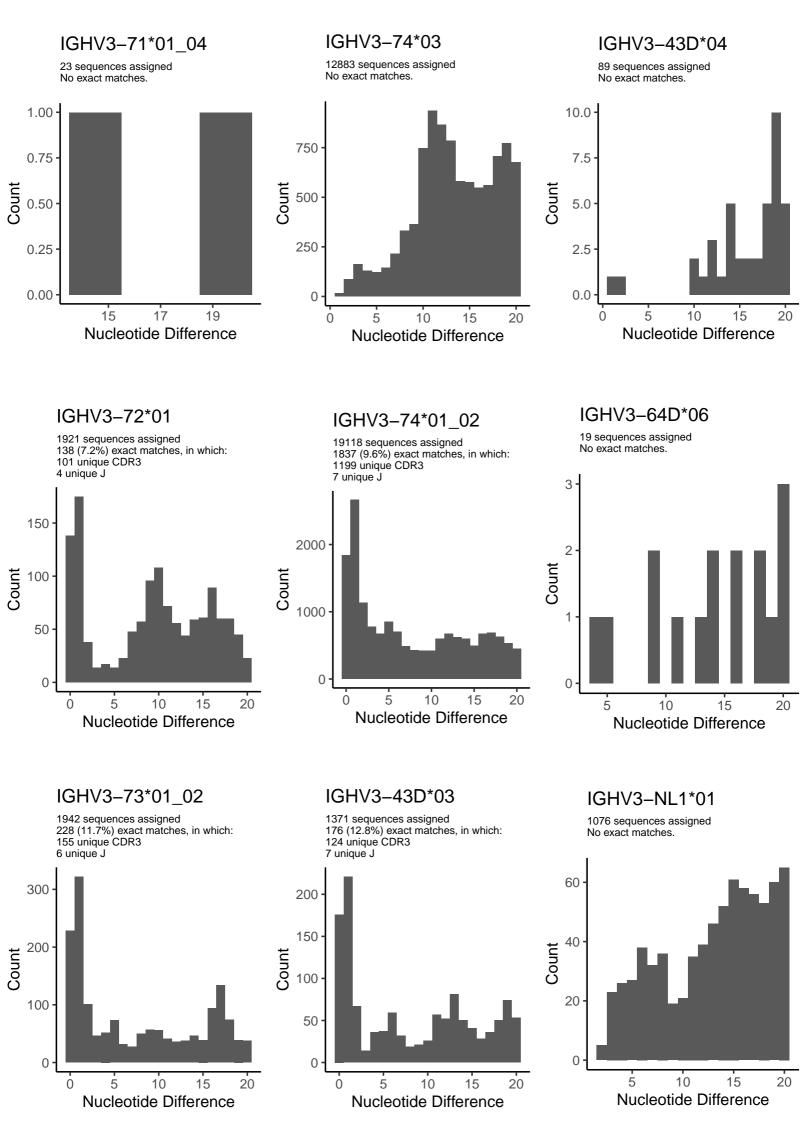


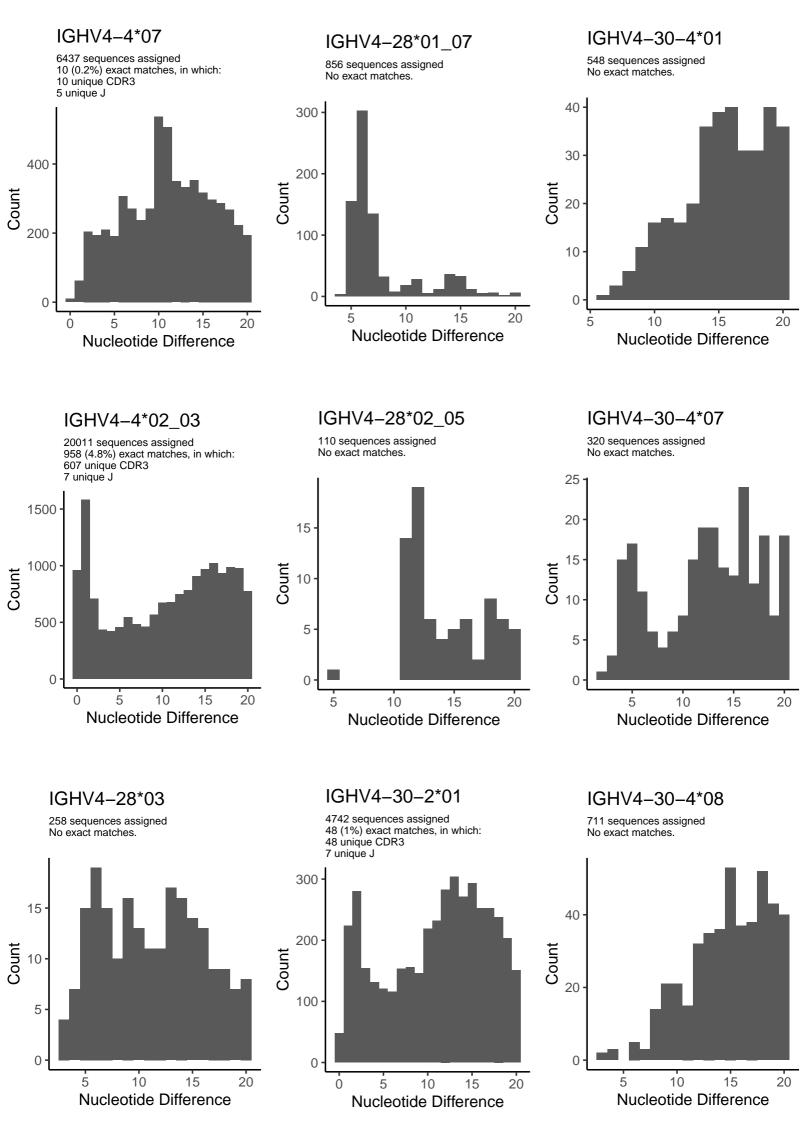


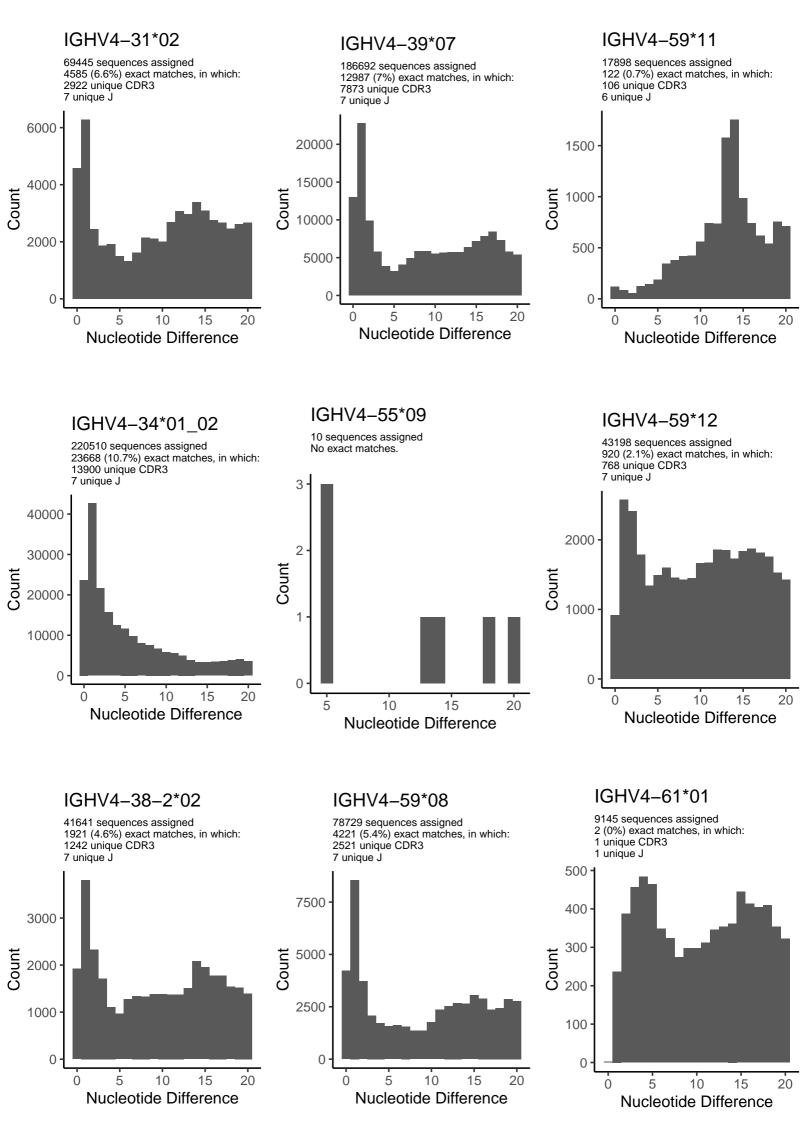


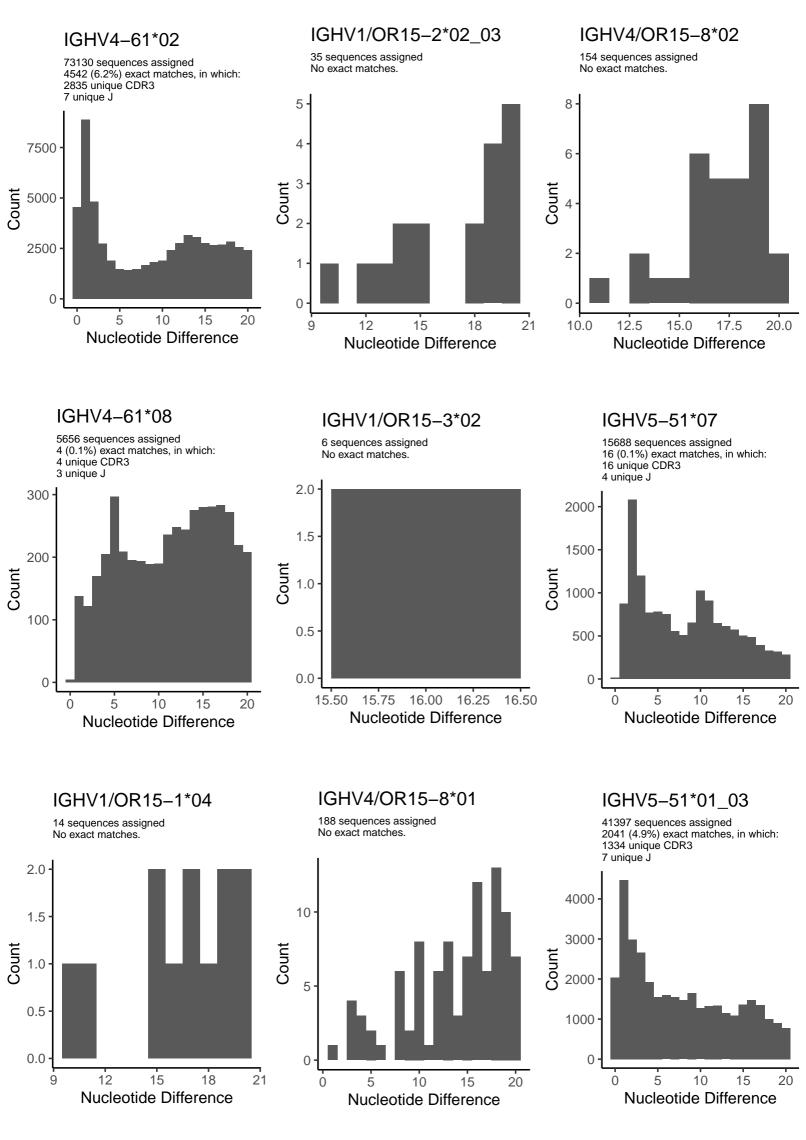








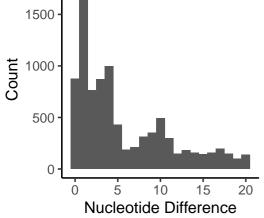




#### IGHV5-78\*01 IGHV7-81\*01 1 sequences assigned 48 sequences assigned No exact matches. No exact matches. 1.00 -1.00 -0.75 0.75 Count Count Count 0.50 0.25 0.25 0.00 0.00 8.50 8.75 9.00 9.25 9.50 17.50 17.75 18.00 18.25 18.50 **Nucleotide Difference Nucleotide Difference**

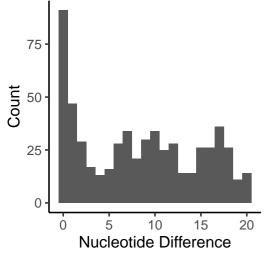
## IGHV6-1\*01\_02

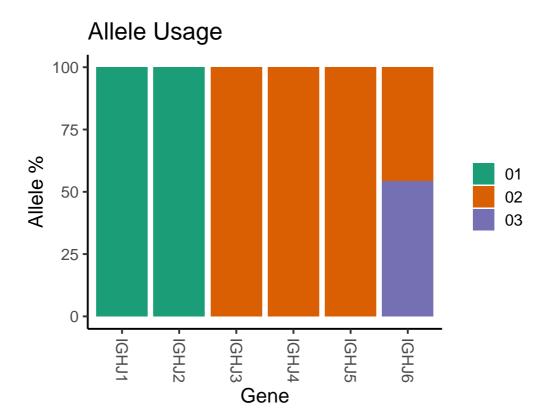
9496 sequences assigned 876 (9.2%) exact matches, in which: 546 unique CDR3 7 unique J



#### IGHV7-4-1\*02

790 sequences assigned 91 (11.5%) exact matches, in which: 83 unique CDR3 5 unique J





### Sequence Count by IGHJ6 allele usage

