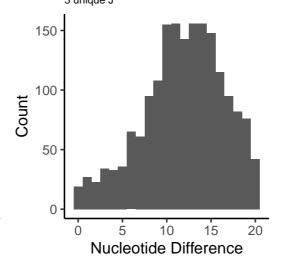


# 1096 sequences assigned 65 (5.9%) exact matches, in which: 52 unique CDR3 5 unique J

IGHV5-10-1\*01\_03

# IGHV6-1\*01\_02

2103 sequences assigned 19 (0.9%) exact matches, in which: 17 unique CDR3 3 unique J



### IGHV5-51\*07

5

0

0

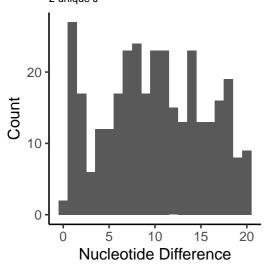
367 sequences assigned 2 (0.5%) exact matches, in which: 2 unique CDR3 2 unique J

10

**Nucleotide Difference** 

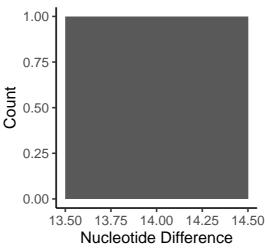
15

20



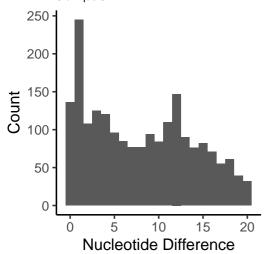
### IGHV3/OR16-9\*01

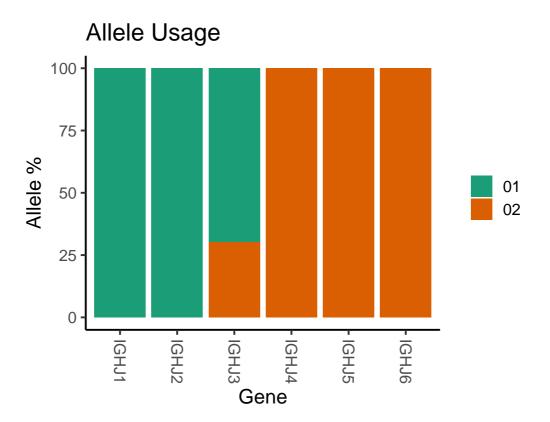
1 sequences assigned No exact matches.



## IGHV5-51\*01\_03

2220 sequences assigned 136 (6.1%) exact matches, in which: 102 unique CDR3 6 unique J





# Sequence Count by IGHJ3 allele usage

