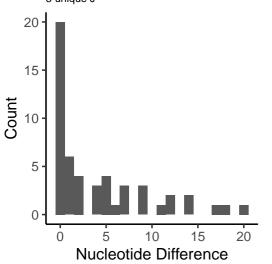


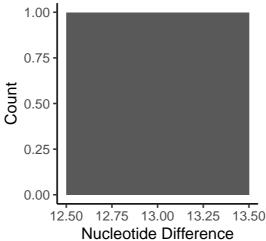
### IGHV5-10-1\*01

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



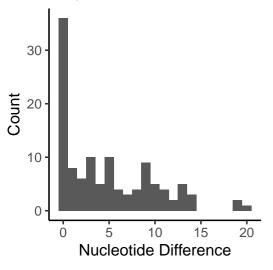
## IGHV3/OR16-6\*02

1 sequences assigned No exact matches.



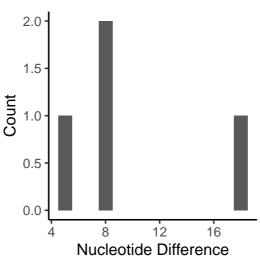
#### IGHV5-51\*01

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



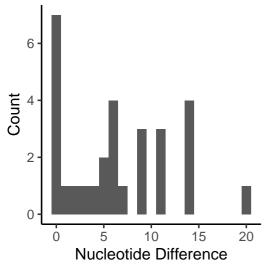
# IGHV7-4-1\*02

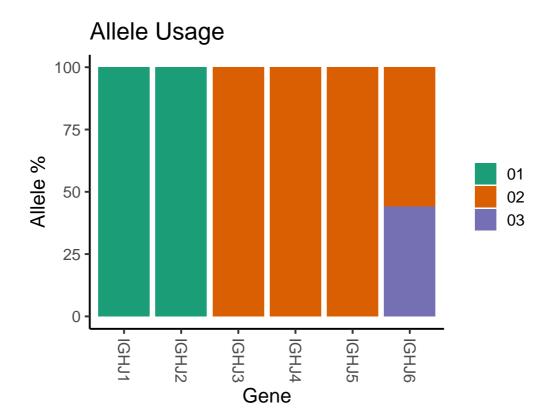
4 sequences assigned No exact matches.



## 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

