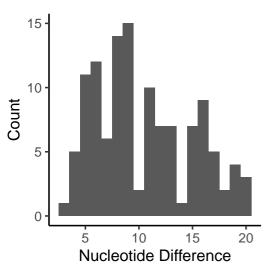


## IGHV6-1\*01\_02 IGHV5-10-1\*01\_03 1120 sequences assigned 3 (0.3%) exact matches, in which: 3 unique CDR3 2 unique J 76 sequences assigned No exact matches. 100 7.5 75 Count 5.0 50 25 0.0 0 10 20 15 10 15 0 5 **Nucleotide Difference** Nucleotide Difference

20

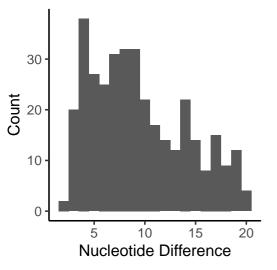
IGHV5-51\*07

129 sequences assigned No exact matches.



## IGHV5-51\*01\_03

398 sequences assigned No exact matches.





## Sequence Count by IGHJ6 allele usage

