

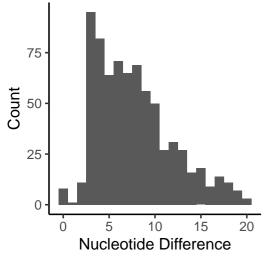
## IGHV5-51\*01\_03

496 sequences assigned 6 (1.2%) exact matches, in which: 6 unique CDR3 3 unique J

tino 20 - 10 - 15 20 Nucleotide Difference

## IGHV6-1\*01\_02

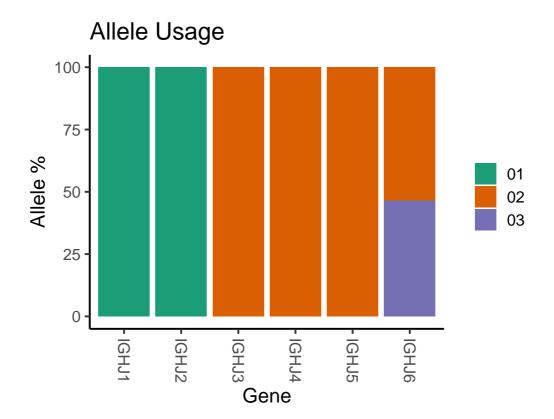
805 sequences assigned 8 (1%) exact matches, in which: 8 unique CDR3 5 unique J



## IGHV7-4-1\*02

325 sequences assigned 4 (1.2%) exact matches, in which: 4 unique CDR3 2 unique J

25 20 15 0 5 0 10 15 20 Nucleotide Difference



## Sequence Count by IGHJ6 allele usage



