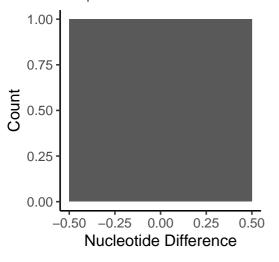


## IGHV7-4-1\*01 IGHV6-1\*01 9 sequences assigned 1 (11.1%) exact matches, in which: 1 unique CDR3 196 sequences assigned 163 (83.2%) exact matches, in which: 156 unique CDR3 1 unique J 7 unique J 150 3 100 Count 2 Count 50 1 0 0 2.5 5.0 7.5 0.0 **Nucleotide Difference Nucleotide Difference**

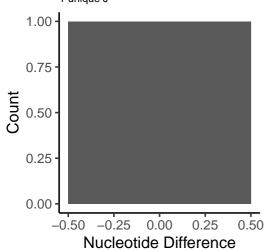
## IGHV3/OR16-9\*01

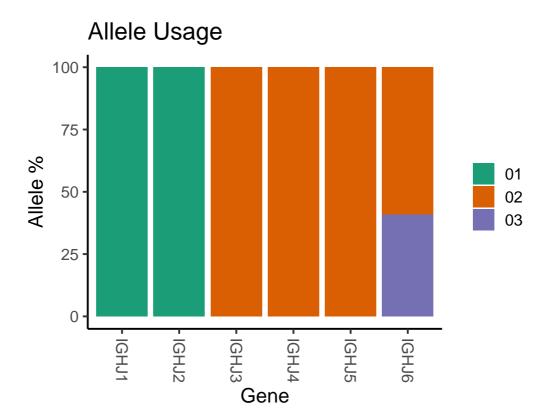
- 1 sequences assigned 1 (100%) exact matches, in which:
- 1 unique CDR3
- 1 unique J



## IGHV3/OR16-12\*01

- 1 sequences assigned
- 1 (100%) exact matches, in which:
- 1 unique CDR3
- 1 unique J





## Sequence Count by IGHJ6 allele usage

