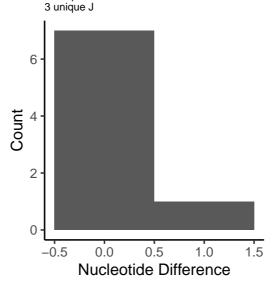


## 1423 sequences assigned 987 (69.4%) exact matches, in which: 744 unique CDR3 6 unique J 1000 750 250 0 5 10 15 20

IGHV5-10-1\*01\_03

## IGHV7-4-1\*01

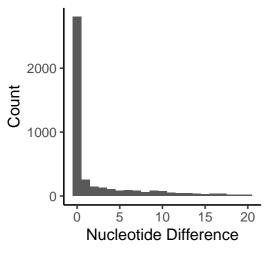
8 sequences assigned 7 (87.5%) exact matches, in which: 7 unique CDR3



## IGHV5-51\*07\_A128G

**Nucleotide Difference** 

4344 sequences assigned 2803 (64.5%) exact matches, in which: 2063 unique CDR3 6 unique J



## IGHV6-1\*01\_02

1653 sequences assigned 171 (10.3%) exact matches, in which: 170 unique CDR3 5 unique J

