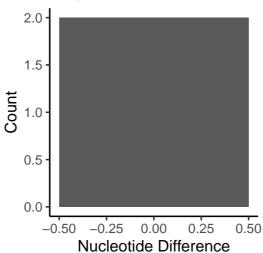


## 503 sequences assigned 465 (92.4%) exact matches, in which: 443 unique CDR3 6 unique J 400 100 0 1 2 3 Nucleotide Difference

IGHV4-61\*01

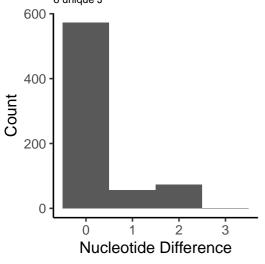
## IGHV7-4-1\*01

2 sequences assigned 2 (100%) exact matches, in which: 2 unique CDR3 1 unique J



## IGHV5-51\*07\_A128G

704 sequences assigned 573 (81.4%) exact matches, in which: 571 unique CDR3 6 unique J



## IGHV6-1\*01\_02

257 sequences assigned 192 (74.7%) exact matches, in which: 192 unique CDR3 6 unique J

