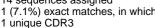
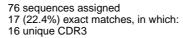


## IGHV4-2\*01\_C4G\_C90T\_

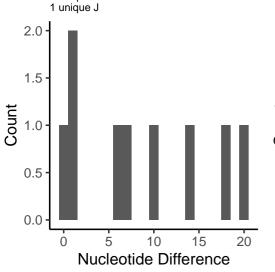
## IGHV6-1\*01\_G227A\_G283©166T\_G167A\_C173A\_C201A

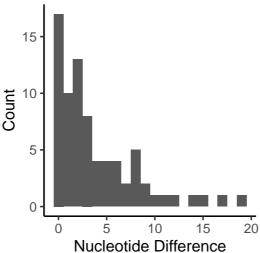
14 sequences assigned 1 (7.1%) exact matches, in which:





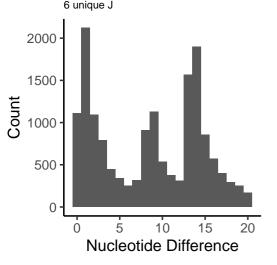
4 unique J





## IGHV5-2\*01\_G51A\_A59G\_G166A\_C167T\_T171C\_G172T\_A178G\_T298A

16547 sequences assigned 1110 (6.7%) exact matches, in which: 888 unique CDR3



## IGHV6-1\*01\_G227A

83 sequences assigned 20 (24.1%) exact matches, in which: 18 unique CDR3 4 unique J

