

## IGHV4-59\*01 878 sequences assigned 54 (6.2%) exact matches, in w 52 unique CDR3 5 unique J

40

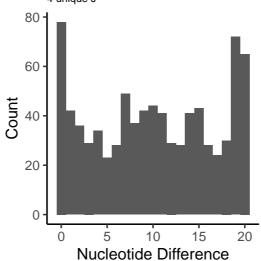
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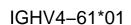
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Count

## 878 sequences assigned 54 (6.2%) exact matches, in which: 52 unique CDR3 5 unique J 1089 sequences assigned 78 (7.2%) exact matches, in which: 76 unique CDR3 4 unique J



IGHV5-51\*01



5

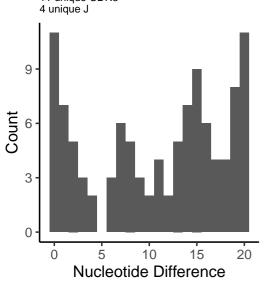
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Nucleotide Difference

15

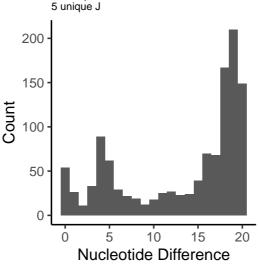
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159 sequences assigned 11 (6.9%) exact matches, in which: 11 unique CDR3



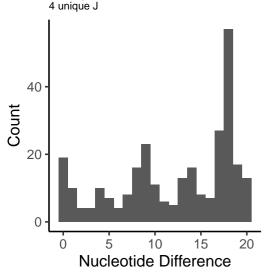
## IGHV6-1\*01

1495 sequences assigned 54 (3.6%) exact matches, in which: 53 unique CDR3



## IGHV5-10-1\*03

415 sequences assigned 19 (4.6%) exact matches, in which: 19 unique CDR3





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