

IGHV4-61*08 IGHV5-51*01_03 1776 sequences assigned 29 (1.6%) exact matches, in which: 16 unique CDR3 4 unique J 309 sequences assigned No exact matches. 300 3 Count 2 Count 200 100 0 0 20 5 10 15 0 10 15 20 **Nucleotide Difference Nucleotide Difference** IGHV5-10-1*01_03 IGHV6-1*01_02 442 sequences assigned 52 (11.8%) exact matches, in which: 36 sequences assigned No exact matches. 29 unique CDR3 3 unique J 100 15 75 Count 10 Count 50

5

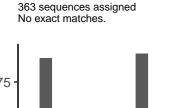
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2.5

5.0

Nucleotide Difference

7.5



2.5

IGHV5-51*07

5.0

Nucleotide Difference

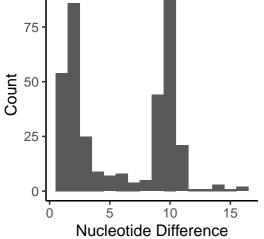
7.5

10.0

25

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