



















## IGHV5-51\*04 IGHV6-1\*01\_02 145 sequences assigned 3093 sequences assigned 779 (25.2%) exact matches, in which: 8 (5.5%) exact matches, in which: 8 unique CDR3 741 unique CDR3 3 unique J 6 unique J 800 -6 600 Count <sup>4</sup> Count Count 400 200 2 0 0 5 10 15 20 0 0 15 20 Nucleotide Difference **Nucleotide Difference** IGHV5-51\*06 IGHV3/OR16-6\*02 69 sequences assigned 5 (7.2%) exact matches, in which: 5 unique CDR3 1 sequences assigned No exact matches. 3 unique J 1.00 -4 0.75 Count 2 Count Count 2 0.25 0.00 0 10.75 11.00 11.25 11.50 10.50 10 15 20 0 5 **Nucleotide Difference Nucleotide Difference** IGHV5-51\*07 IGHV3/OR16-9\*01 109 sequences assigned 3 sequences assigned 17 (15.6%) exact matches, in which: 17 unique CDR3 No exact matches. 3 unique J 1.00 0.75 0.50 5 0.25 0.00 0 10 10 0 15 20 **Nucleotide Difference**

Nucleotide Difference

IGHV7-4-1\*01

10 (35.7%) exact matches, in which:

5

**Nucleotide Difference** 

10

28 sequences assigned

10 unique CDR3

4 unique J

10.0

7.5

5.0

2.5

0.0

0



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