





















IGHV5-51*04 IGHV6-1*01_02 2006 sequences assigned 518 (25.8%) exact matches, in which: 77 sequences assigned 9 (11.7%) exact matches, in which: 9 unique CDR3 477 unique CDR3 4 unique J 6 unique J 500 7.5 400 Count Count 300 5.0 200 2.5 100 0 0.0 0 5 10 15 20 10 15 20 0 Nucleotide Difference Nucleotide Difference IGHV5-51*06 IGHV3/OR16-13*01 44 sequences assigned 7 (15.9%) exact matches, in which: 7 unique CDR3 1 sequences assigned No exact matches. 4 unique J 1.00 -6 0.75 Count P 0.50 0.25 2 0.00 0 15.00 15.25 15.50 14.50 14.75 10 15 20 0 5 **Nucleotide Difference Nucleotide Difference** IGHV5-51*07 IGHV7-4-1*02 31 sequences assigned 8 (25.8%) exact matches, in which: 8 unique CDR3 11697 sequences assigned 1511 (12.9%) exact matches, in which: 1343 unique CDR3 3 unique J 6 unique J 1500 6 1000 Count 4 500 2

0

15

10

Nucleotide Difference

20

10

Nucleotide Difference

15

20

0

0

5

IGHV7-81*01

4 sequences assigned

No exact matches.

2.0

1.5

1.0

0.5

0.0

2

6

Nucleotide Difference



Novel sequence(s) IGHV3-43*02_A247G_G248C_A252G_C258A_T279C_A286G_T288C_C297G_C300T_T301G are not listed in the genotype and will be ignored.