







IGHV3-53*04 IGHV3-73*01 IGHV3-66*02 160 sequences assigned 61 (38.1%) exact matches, in which: 178 sequences assigned 453 sequences assigned 34 (19.1%) exact matches, in which: 159 (35.1%) exact matches, in which: 32 unique CDR3 54 unique CDR3 145 unique CDR3 5 unique J 4 unique J 6 unique J 60 150 30 40 100 20 Count Count 20 50 10 0 0 0 5 10 15 20 0 0 10 15 20 0 10 15 Nucleotide Difference Nucleotide Difference Nucleotide Difference IGHV3-64*01 IGHV3-74*01 IGHV3-69-1*02 55 sequences assigned 1921 sequences assigned 453 (23.6%) exact matches, in which: 24 (43.6%) exact matches, in which: 1 sequences assigned 22 unique CDR3 No exact matches. 419 unique CDR3 5 unique J 6 unique J 25 1.00 400 20 0.75 300 15 Count 0.50 200 10 0.25 100 5 0.00 0 0 15.50 15.75 16.00 16.25 16.50 10 15 20 0 5 10 15 0 20 **Nucleotide Difference** Nucleotide Difference Nucleotide Difference IGHV3-64*02 IGHV3-43D*03 IGHV3-72*01 16 sequences assigned 8 (50%) exact matches, in which: 47 sequences assigned 308 sequences assigned 4 (8.5%) exact matches, in which: 45 (14.6%) exact matches, in which: 8 unique CDR3 4 unique CDR3 33 unique CDR3 3 unique J 2 unique J 4 unique J 40 6 3 30 Count Count 2 20 2 1 10 0 0 0 0 5 10 15 20 0 5 10 15 0 5 10 15 20

Nucleotide Difference

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