









IGHV3-64*01 IGHV3-74*01 IGHV3-69-1*01 296 sequences assigned 746 sequences assigned 1 sequences assigned 92 (31.1%) exact matches, in which: 157 (21%) exact matches, in which: 91 unique CDR3 No exact matches. 157 unique CDR3 5 unique J 6 unique J 1.00 -150 75 0.75 100 Count Count 0.50 50 0.25 25 0.00 0 0 18.50 18.75 19.00 19.25 5 10 15 20 0 10 0 15 **Nucleotide Difference** Nucleotide Difference Nucleotide Difference IGHV3-66*01 IGHV3-72*01 IGHV3-43D*04 476 sequences assigned 138 sequences assigned 119 sequences assigned 107 (22.5%) exact matches, in which: 37 (31.1%) exact matches, in which: 18 (13%) exact matches, in which: 107 unique CDR3 18 unique CDR3 37 unique CDR3 5 unique J 4 unique J 3 unique J 15 30 Count Count 60 10 20 5 30 10 0 0 0 10 15 20 10 15 0 20 0 10 15 0 Nucleotide Difference Nucleotide Difference Nucleotide Difference IGHV3-73*01 IGHV3-64D*06 IGHV3-66*01_A193G 234 sequences assigned 304 sequences assigned 359 sequences assigned 46 (19.7%) exact matches, in which: 69 (22.7%) exact matches, in which: 101 (28.1%) exact matches, in which: 46 unique CDR3 69 unique CDR3 101 unique CDR3 5 unique J 5 unique J 5 unique J 100 40 60 75 30 40 Count 50 20 20 25 10 0 0 0 20 10 15 10 15 0 10 15 20 **Nucleotide Difference Nucleotide Difference** Nucleotide Difference









