











IGHV6-1*01_02 IGHV4-59*08 579 sequences assigned 501 (86.5%) exact matches, in which: 1028 sequences assigned 911 (88.6%) exact matches, in which: 892 unique CDR3 486 unique CDR3 6 unique J 6 unique J 500 750 400 300 Count 500 200 250 100 0 0 **Nucleotide Difference Nucleotide Difference** IGHV4-61*01 IGHV7-4-1*01 462 sequences assigned 430 (93.1%) exact matches, in which: sequences assigned 1 (100%) exact matches, in which: 421 unique CDR3 1 unique CDR3 6 unique J 1 unique J 1.00 400 0.75 300 Count Count Count 200 0.25 100 0.00 0 -0.250.00 0.25 0.50 -0.50**Nucleotide Difference Nucleotide Difference** IGHV5-10-1*01_03 IGHV7-81*01 59 sequences assigned sequences assigned 51 (86.4%) exact matches, in which: 1 (100%) exact matches, in which: 50 unique CDR3 5 unique J 1 unique CDR3 1 unique J 1.00 40 0.75 Count 30 Count Count 20 0.25 10 0.00 0 -0.25 0.00 0.25 0.50 -0.50**Nucleotide Difference** Nucleotide Difference



