IGHV1-2*02 IGHV1-18*01 IGHV1-46*01 618 sequences assigned 148 (23.9%) exact matches, in which: 470 sequences assigned 413 sequences assigned 186 (39.6%) exact matches, in which: 97 (23.5%) exact matches, in which: 170 unique CDR3 89 unique CDR3 141 unique CDR3 6 unique J 5 unique J 5 unique J 100 150 150 75 100 Count Count 100 50 50 50 25 0 0 0 5 10 15 20 5 10 15 20 5 10 15 20 0 0 0 Nucleotide Difference Nucleotide Difference Nucleotide Difference IGHV1-3*01 IGHV1-58*01 IGHV1-18*04 246 sequences assigned 66 sequences assigned 442 sequences assigned 160 (36.2%) exact matches, in which: 20 (30.3%) exact matches, in which: 62 (25.2%) exact matches, in which: 61 unique CDR3 19 unique CDR3 150 unique CDR3 6 unique J 4 unique J 5 unique J 20 60 150 15 100 Count Count 10 20 50 5 0 0 0 5 10 15 20 0 10 15 20 10 0 0 **Nucleotide Difference** Nucleotide Difference Nucleotide Difference IGHV1-69-2*01 IGHV1-24*01 IGHV1-8*01 12 sequences assigned 107 sequences assigned 561 sequences assigned 4 (33.3%) exact matches, in which: 4 unique CDR3 20 (18.7%) exact matches, in which: 100 (17.8%) exact matches, in which: 19 unique CDR3 97 unique CDR3 1 unique J 4 unique J 5 unique J 100 20 3 75 15 Count Count 50 2 10 25 1 5 0 0 0 10 15 20 0 5 10 15 2 3 **Nucleotide Difference** Nucleotide Difference Nucleotide Difference













