











IGHV6-1*01_02 IGHV4-61*01 624 sequences assigned 447 (71.6%) exact matches, in which: 819 sequences assigned 558 (68.1%) exact matches, in which: 431 unique CDR3 555 unique CDR3 6 unique J 6 unique J 400 400 300 Count 200 100 0 0 15 20 15 20 5 10 5 10 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1*01 IGHV4/OR15-8*01 sequences assigned 3 sequences assigned 1 (100%) exact matches, in which: No exact matches. 1 unique CDR3 1 unique J 2.0 1.00 1.5 0.75 Count Count Count 0.5 0.25 0.0 0.00 5 -0.25 0.00 0.25 0.50 -0.50**Nucleotide Difference Nucleotide Difference**

IGHV5-51*07_A128G

1152 sequences assigned 820 (71.2%) exact matches, in which: 815 unique CDR3 6 unique J





