













## IGHV5-51\*07\_A128G IGHV4-61\*02 617 sequences assigned 336 (54.5%) exact matches, in which: 1736 sequences assigned 826 (47.6%) exact matches, in which: 490 unique CDR3 330 unique CDR3 6 unique J 5 unique J 800 300 600 200 Count 400 100 200 0 0 15 5 10 20 0 5 10 15 20 **Nucleotide Difference Nucleotide Difference** IGHV6-1\*01\_02 IGHV4/OR15-8\*01 373 sequences assigned 65 (17.4%) exact matches, in which: 2 sequences assigned No exact matches. 62 unique CDR3 5 unique J 1.00 -150 0.75 100 Count 0.50 Count 50 0.25 0.00 5 5 10 15 20 0 **Nucleotide Difference Nucleotide Difference** IGHV5-10-1\*01\_03 IGHV7-4-1\*02 738 sequences assigned 231 (31.3%) exact matches, in which: 381 sequences assigned 158 (41.5%) exact matches, in which: 160 unique CDR3 151 unique CDR3 5 unique J 6 unique J 150 200 150 100 Count 50 50 0 0 10 15 20 10 15 20 **Nucleotide Difference** Nucleotide Difference



