









IGHV6-1*01_02 IGHV4-59*02_G88A 528 sequences assigned 443 (83.9%) exact matches, in which: 3282 sequences assigned 2980 (90.8%) exact matches, in which: 2891 unique CDR3 443 unique CDR3 6 unique J 6 unique J 3000 400 300 2000 Count 200 1000 100 0 0 3 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1*01 IGHV4-61*01 7 sequences assigned 7 (100%) exact matches, in which: 7 unique CDR3 1388 sequences assigned 1252 (90.2%) exact matches, in which: 1213 unique CDR3 3 unique J 6 unique J 1200 6 800 Count 400 2 0 -0.50-0.250.00 0.25 0.50 **Nucleotide Difference Nucleotide Difference**

IGHV5-51*07_A128G

915 sequences assigned 782 (85.5%) exact matches, in which: 782 unique CDR3 6 unique J





