











IGHV5-10-1*01_03 IGHV7-4-1*01 61 sequences assigned 53 (86.9%) exact matches, in which: 10 sequences assigned 10 (100%) exact matches, in which: 53 unique CDR3 10 unique CDR3 6 unique J 4 unique J 10.0 40 7.5 Count 5.0 20 2.5 0.0 0.25 -0.50 -0.25 0.00 0.50 0 **Nucleotide Difference** Nucleotide Difference IGHV5-51*07_A128G IGHV7-81*01 2 sequences assigned 633 sequences assigned 564 (89.1%) exact matches, in which: 2 (100%) exact matches, in which: 2 unique CDR3 563 unique CDR3 2 unique J 6 unique J 2.0 1.5 400 Count 1.0 200 0.5 0 0.0 -0.250.00 0.25 0.50 -0.50**Nucleotide Difference Nucleotide Difference** IGHV6-1*01_02 460 sequences assigned

460 sequences assigned 396 (86.1%) exact matches, in which: 396 unique CDR3 6 unique J





