











## IGHV4-NL\_43\*01\_S4510 IGHV5-157\*02\_S5108 164 sequences assigned 4 (2.4%) exact matches, in which: 2 unique CDR3 165 sequences assigned 4 (2.4%) exact matches, in which: 3 unique CDR3 1 unique J 1 unique J 20 10 Count 10 5 0 0 5 10 15 20 5 10 15 Nucleotide Difference Nucleotide Difference IGHV4-NL\_5\*01\_S5158 IGHV7-86\*01\_S6208 14 sequences assigned 4 (28.6%) exact matches, in which: 2 unique CDR3 27 sequences assigned 7 (25.9%) exact matches, in which: 6 unique CDR3 1 unique J 1 unique J 5 6 4 3 Count P 2 2 0 0 10 15 0.0 2.5 5.0 7.5 10.0 0 **Nucleotide Difference Nucleotide Difference** IGHV7-86\*01\_S8420 IGHV5-15\*01\_S8661 25 sequences assigned 3 (12%) exact matches, in which: 184 sequences assigned 26 (14.1%) exact matches, in which: 1 unique CDR3 20 unique CDR3 1 unique J 1 unique J 20 3 Count 2 10 0 0 0 10 15 0 15 5 10 Nucleotide Difference Nucleotide Difference



