













IGHV4-61*01 IGHV5-51*01_03 95 sequences assigned 47 (49.5%) exact matches, in which: 46 unique CDR3 71 sequences assigned 34 (47.9%) exact matches, in which: 34 unique CDR3 5 unique J 6 unique J Count Count Nucleotide Difference Nucleotide Difference IGHV6-1*01_02 IGHV4-61*02 198 sequences assigned 75 (37.9%) exact matches, in which: 75 unique CDR3 318 sequences assigned 116 (36.5%) exact matches, in which: 115 unique CDR3 5 unique J 5 unique J Count **Nucleotide Difference Nucleotide Difference** IGHV7-4-1*02 IGHV5-51*07 86 sequences assigned 37 sequences assigned 41 (47.7%) exact matches, in which: No exact matches. 40 unique CDR3 6 unique J **Nucleotide Difference** Nucleotide Difference



Warning – no inferred sequences found. Warning - no inferred sequences found. Warning - no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning – no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning – no inferred sequences found. Warning – no inferred sequences found.