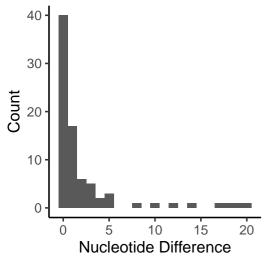


IGHV4/OR15-8*02 IGHV6-1*01_02 569 sequences assigned 128 (22.5%) exact matches, in which: 62 sequences assigned No exact matches. 117 unique CDR3 6 unique J 150 6 100 Count ⁴ Count 50 2 0 0 15 0 5 10 20 12.5 15.0 17.5 20.0 10.0 **Nucleotide Difference Nucleotide Difference** IGHV5-10-1*01_03 IGHV7-4-1*02 993 sequences assigned 305 (30.7%) exact matches, in which: 1181 sequences assigned 281 (23.8%) exact matches, in which: 255 unique CDR3 243 unique CDR3 6 unique J 6 unique J 300 300 200 200 Count Count 100 100 0 0 5 10 15 20 5 10 15 20 0 0 Nucleotide Difference **Nucleotide Difference**

IGHV5-51*07

89 sequences assigned 40 (44.9%) exact matches, in which: 37 unique CDR3 5 unique J





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