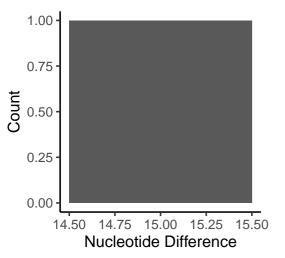


IGHV7-4-1*02 IGHV5-51*06 329 sequences assigned 102 (31%) exact matches, in which: 100 unique CDR3 5 unique J 3 sequences assigned No exact matches. 1.00 -100 0.75 75 Count 0.50 Count 50 0.25 25 0.00 0 5 10 15 10 15 5 20 Nucleotide Difference **Nucleotide Difference**

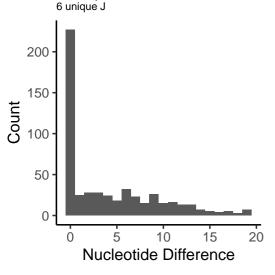
IGHV5-51*07

1 sequences assigned No exact matches.



IGHV6-1*01_02

561 sequences assigned 227 (40.5%) exact matches, in which: 221 unique CDR3





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