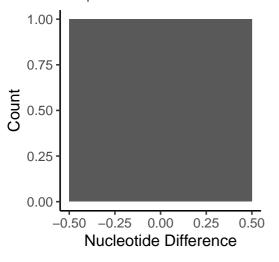


IGHV5-51*07 IGHV7-4-1*02 523 sequences assigned 1 sequences assigned 458 (87.6%) exact matches, in which: 451 unique CDR3 7 unique J 1 (100%) exact matches, in which: 1 unique CDR3 1 unique J 1.00 400 0.75 300 Count 200 Count O.50 0.25 100 0.00 0 0.25 -0.50-0.25 0.00 0.50 Nucleotide Difference **Nucleotide Difference**

IGHV5-51*01_03

- 1 sequences assigned 1 (100%) exact matches, in which:
- 1 unique CDR3
- 1 unique J



IGHV6-1*01_02

616 sequences assigned 537 (87.2%) exact matches, in which: 509 unique CDR3 7 unique J

