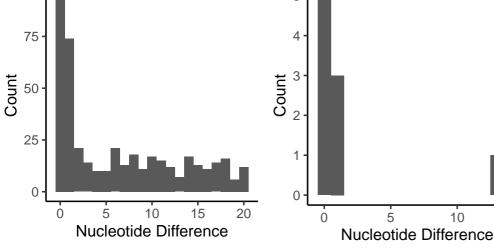
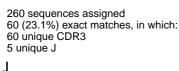


IGHV6-1*01 IGHV5-10-1*03 174 sequences assigned 38 (21.8%) exact matches, in which: 482 sequences assigned 144 (29.9%) exact matches, in which: 144 unique CDR3 37 unique CDR3 4 unique J 5 unique J 150 30 100 Count 20 Count 50 10 0 0 10 15 0 5 20 0 5 10 15 20 **Nucleotide Difference** Nucleotide Difference IGHV7-4-1*01 IGHV5-51*01 18 sequences assigned 5 (27.8%) exact matches, in which: 5 unique CDR3 500 sequences assigned 93 (18.6%) exact matches, in which: 90 unique CDR3 3 unique J 5 unique J 75

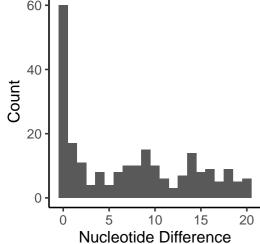


10

15



IGHV5-51*03





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.