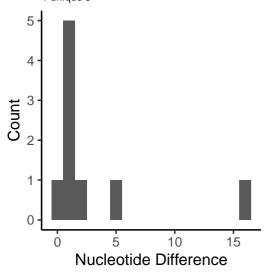


IGHV5-51*01

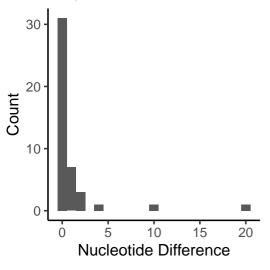
9 sequences assigned 1 (11.1%) exact matches, in which: 1 unique CDR3

1 unique J



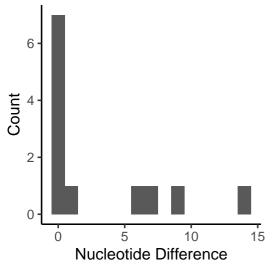
IGHV5-51*03

44 sequences assigned 31 (70.5%) exact matches, in which: 31 unique CDR3 5 unique J



IGHV6-1*01

13 sequences assigned 7 (53.8%) exact matches, in which: 7 unique CDR3 4 unique J





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.