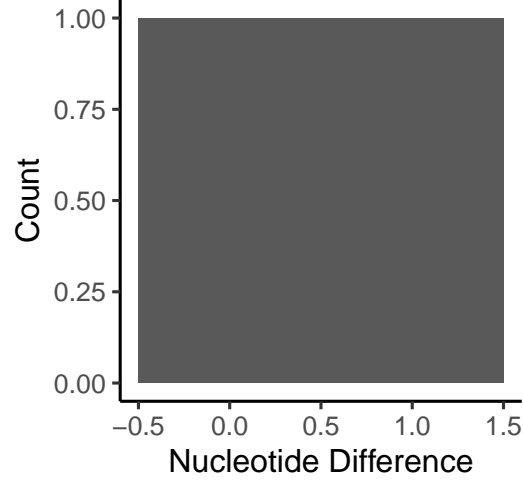


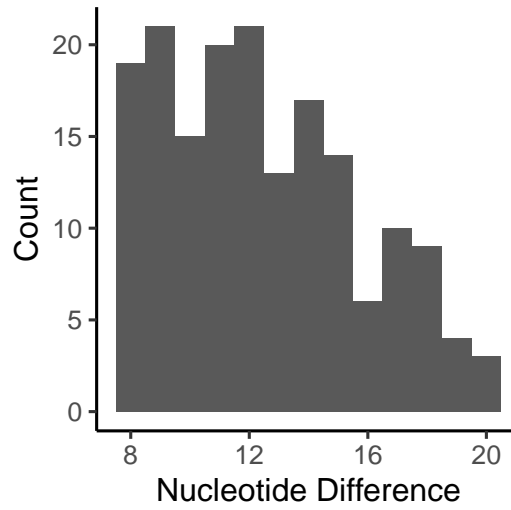
IGHV1-138*01_S2054

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



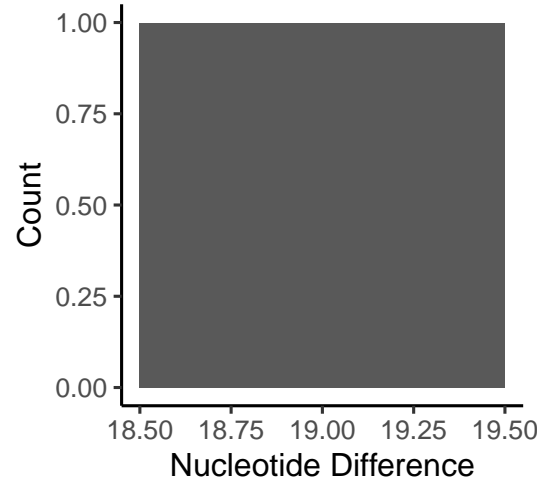
IGHV2-NL_1*01_S5431

198 sequences assigned
No exact matches.



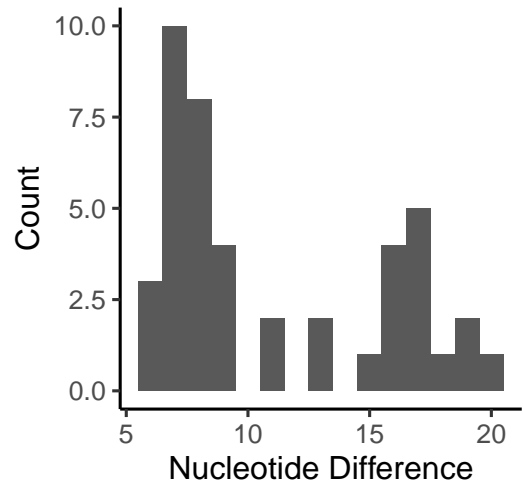
IGHV3-36*01

4 sequences assigned
No exact matches.



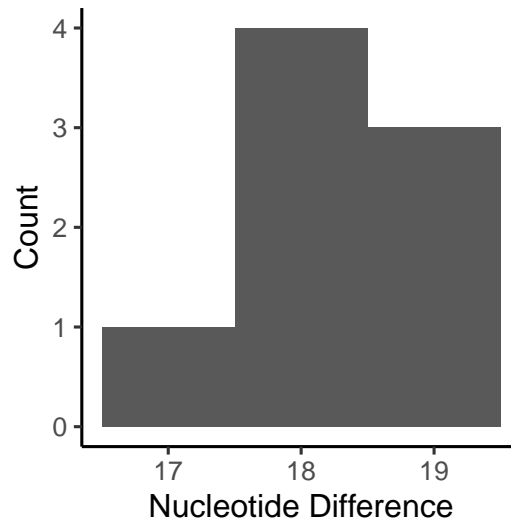
IGHV2-NL_1*01_S2133

45 sequences assigned
No exact matches.



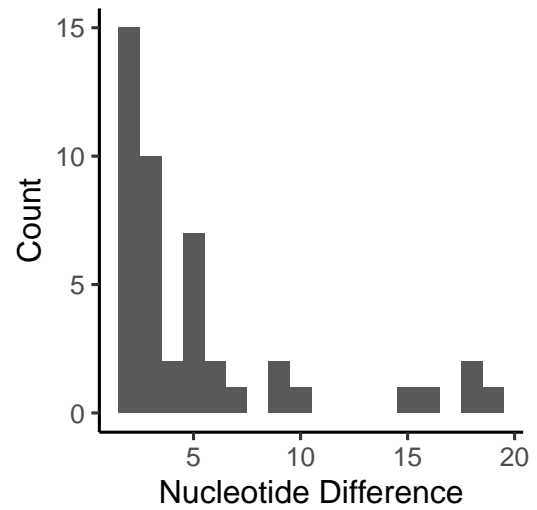
IGHV2-NL_1*01_S9725

13 sequences assigned
No exact matches.



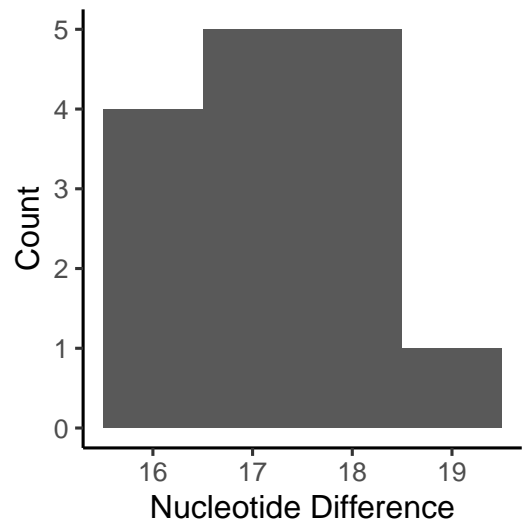
IGHV3-53*01_S2000

45 sequences assigned
No exact matches.



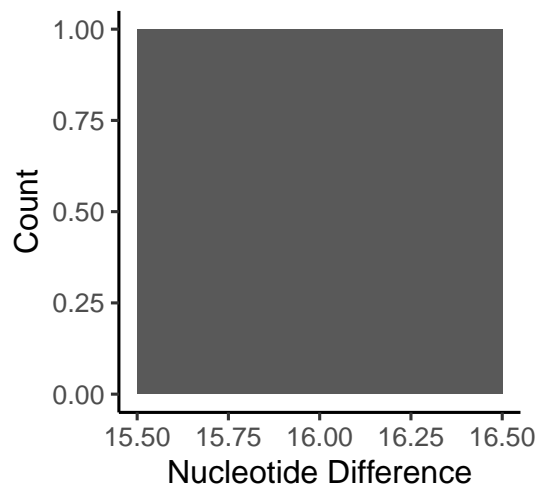
IGHV2-NL_1*01_S4514

30 sequences assigned
No exact matches.



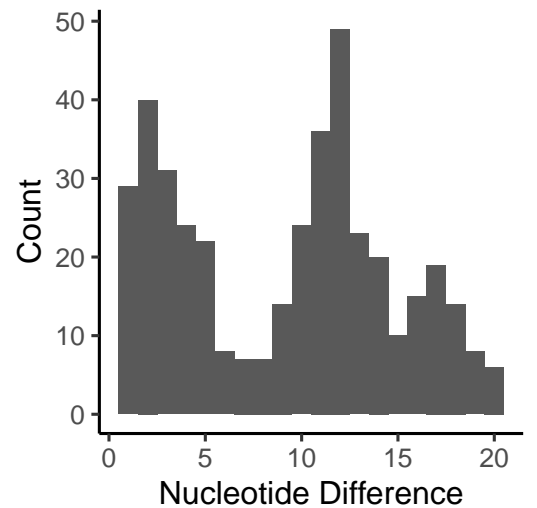
IGHV3-9*01_S4754

1 sequences assigned
No exact matches.



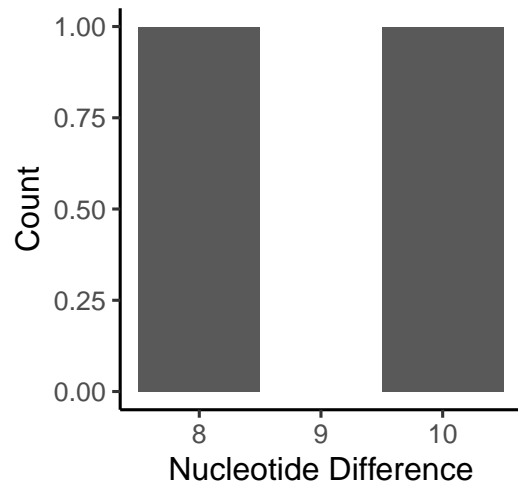
IGHV3-88*01_S4297

483 sequences assigned
No exact matches.



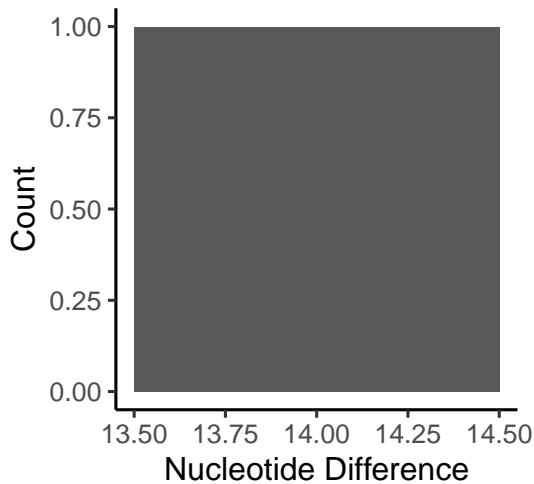
IGHV3-175*01

4 sequences assigned
No exact matches.



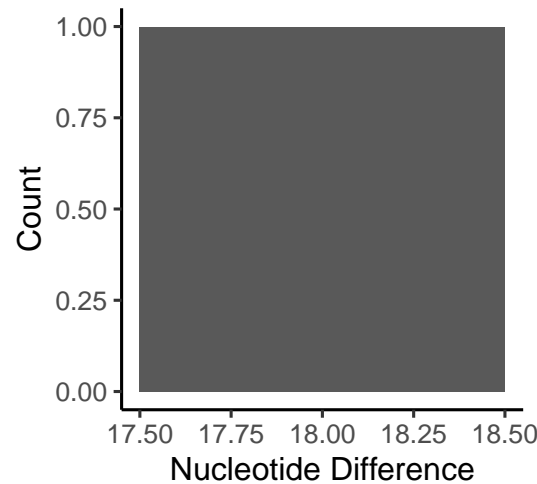
IGHV3-NL_11*01_S3736

1 sequences assigned
No exact matches.



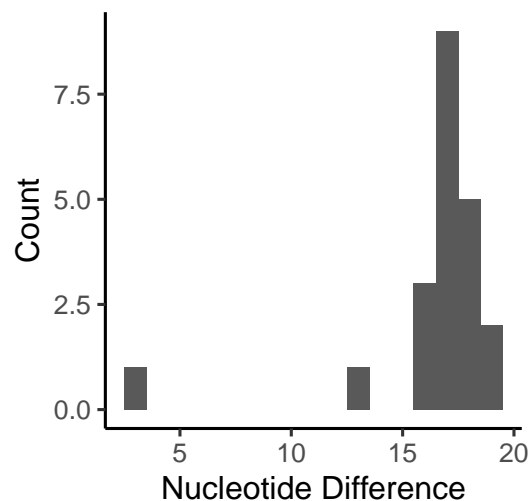
IGHV3-NL_5*01_S8361

1 sequences assigned
No exact matches.



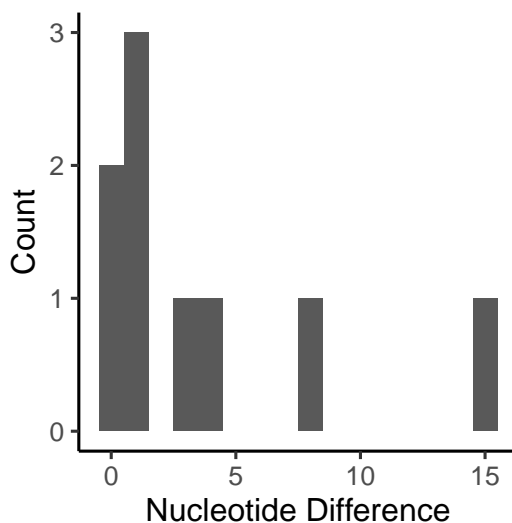
IGHV3-NL_1*01_S4331

26 sequences assigned
No exact matches.



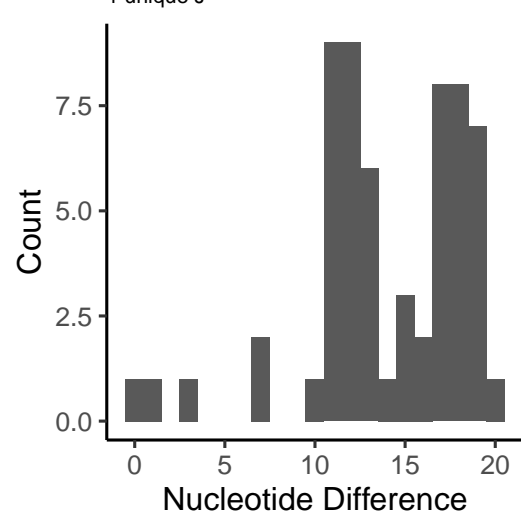
IGHV3-NL_17*01_S9589

9 sequences assigned
2 (22.2%) exact matches, in which:
1 unique CDR3
0 unique J



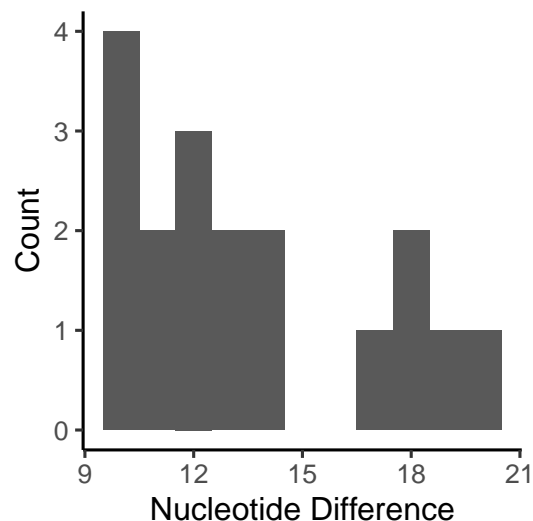
IGHV3-NL_9*01_S6098

67 sequences assigned
1 (1.5%) exact matches, in which:
1 unique CDR3
1 unique J



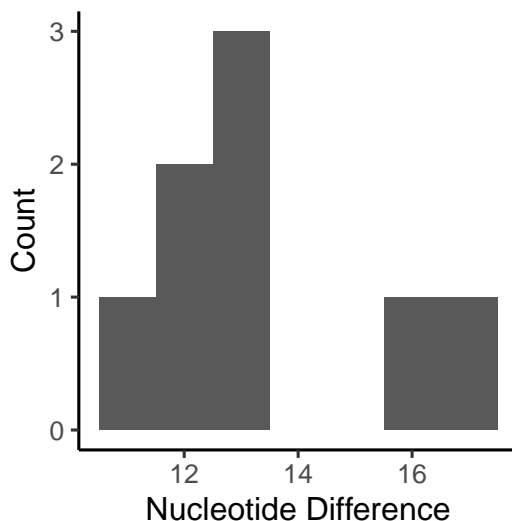
IGHV3-NL_1*01_S9422

22 sequences assigned
No exact matches.



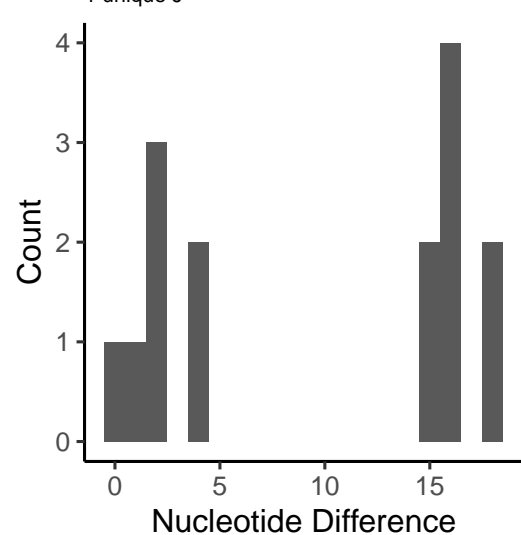
IGHV3-NL_4*01_S2727

8 sequences assigned
No exact matches.



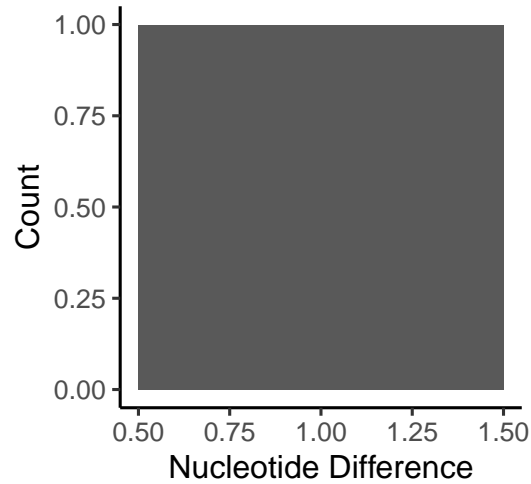
IGHV4-67*02_S6848

16 sequences assigned
1 (6.2%) exact matches, in which:
1 unique CDR3
1 unique J



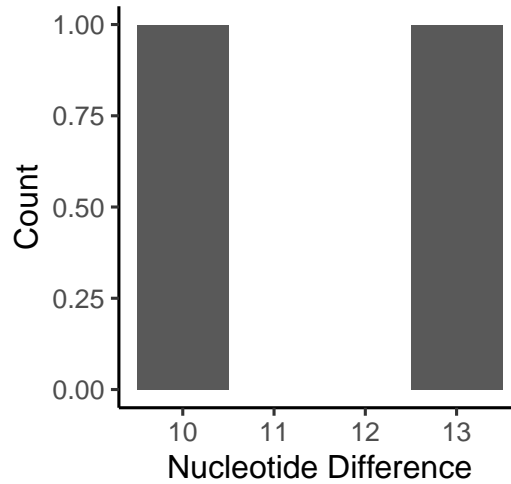
IGHV4-144*01_S3676

2 sequences assigned
No exact matches.



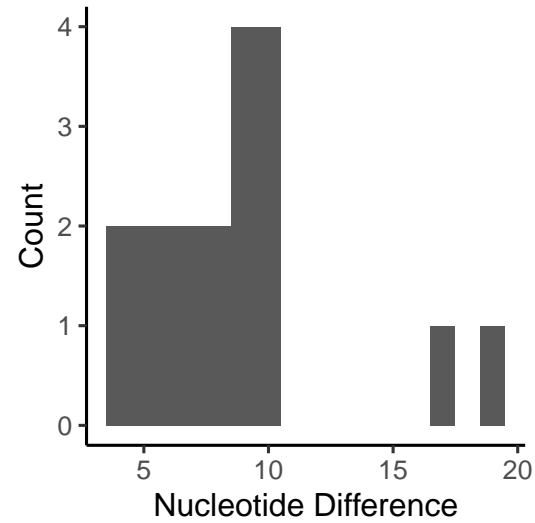
IGHV4-NL_11*01_S5570

2 sequences assigned
No exact matches.



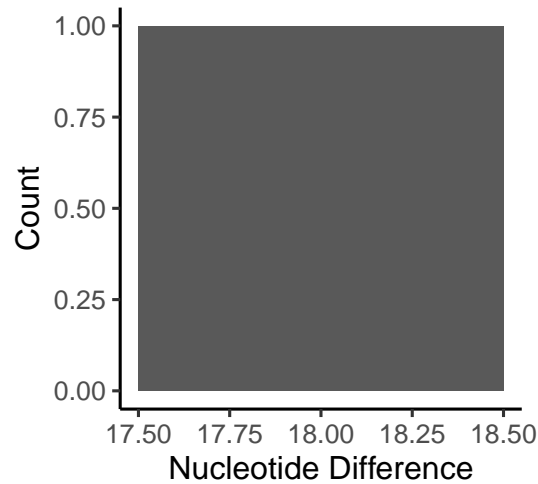
IGHV4-NL_16*01_S2324

21 sequences assigned
No exact matches.



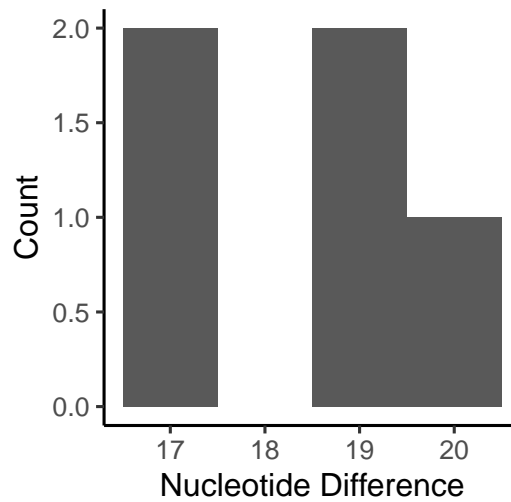
IGHV4-149*01_S6502

1 sequences assigned
No exact matches.



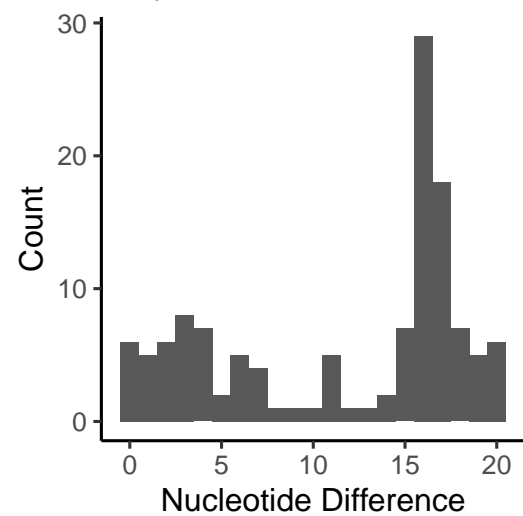
IGHV4-NL_13*01_S9624

6 sequences assigned
No exact matches.



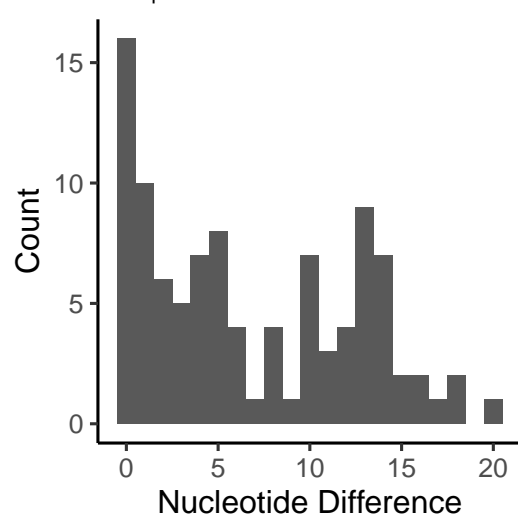
IGHV4-NL_17*01_S7355

157 sequences assigned
6 (3.8%) exact matches, in which:
5 unique CDR3
1 unique J



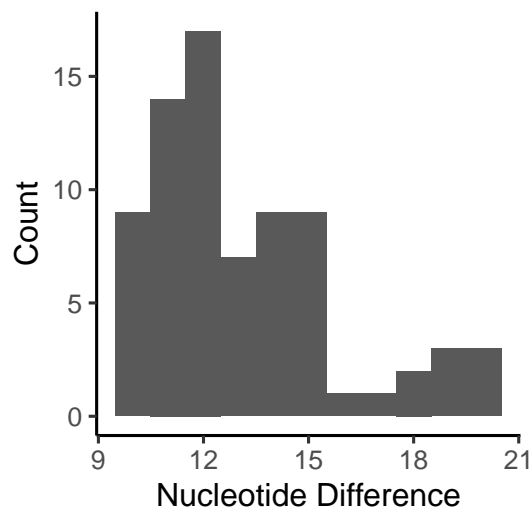
IGHV4-NL_1*01_S8720

113 sequences assigned
16 (14.2%) exact matches, in which:
9 unique CDR3
1 unique J



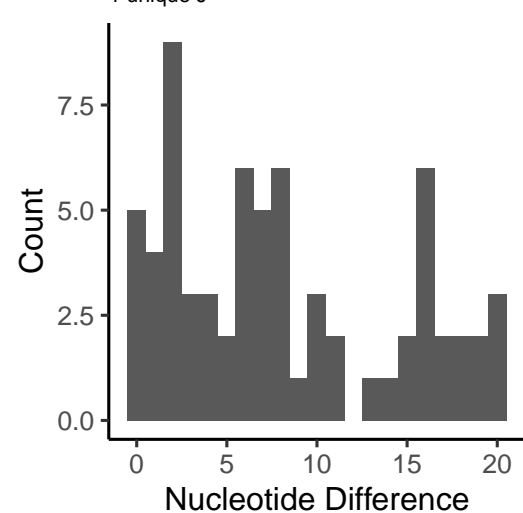
IGHV4-NL_13*01_S9744

90 sequences assigned
No exact matches.



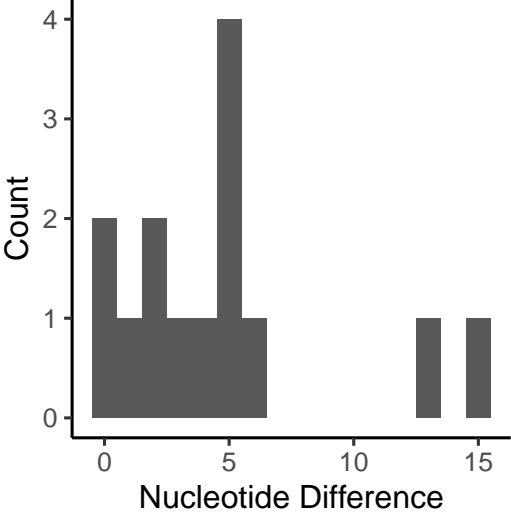
IGHV4-NL_21*01_S0138

93 sequences assigned
5 (5.4%) exact matches, in which:
5 unique CDR3
1 unique J



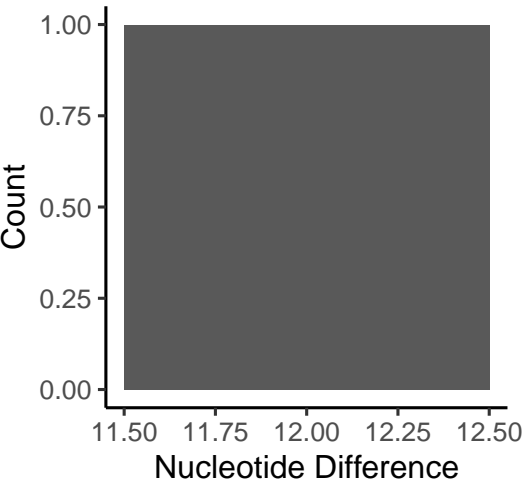
IGHV4–NL_23*01_S1296

14 sequences assigned
2 (14.3%) exact matches, in which:
1 unique CDR3
1 unique J



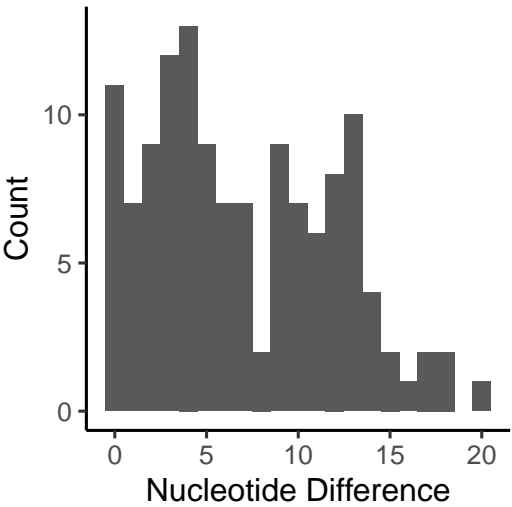
IGHV4–NL_33*01_S4467

1 sequences assigned
No exact matches.



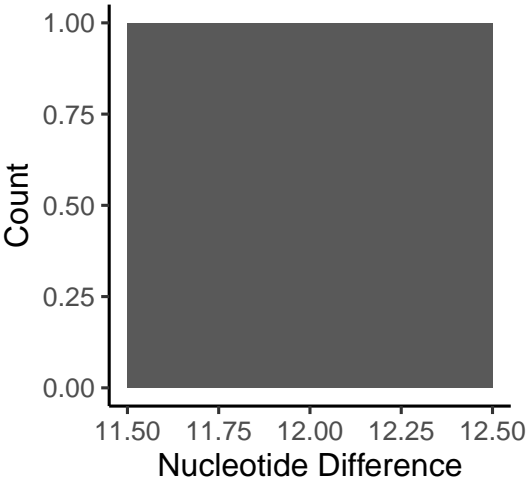
IGHV4–NL_36*01_S8200

133 sequences assigned
11 (8.3%) exact matches, in which:
9 unique CDR3
1 unique J



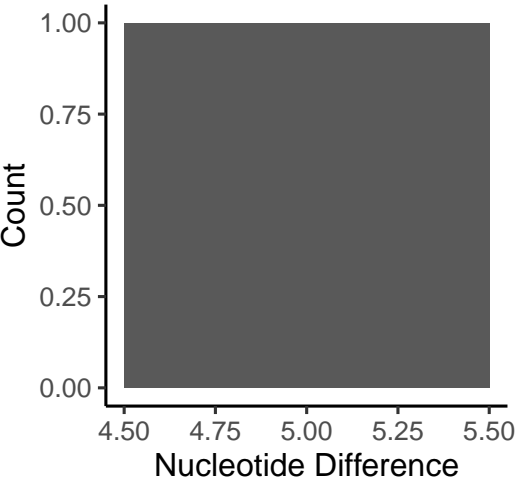
IGHV4–NL_27*01_S9007

1 sequences assigned
No exact matches.



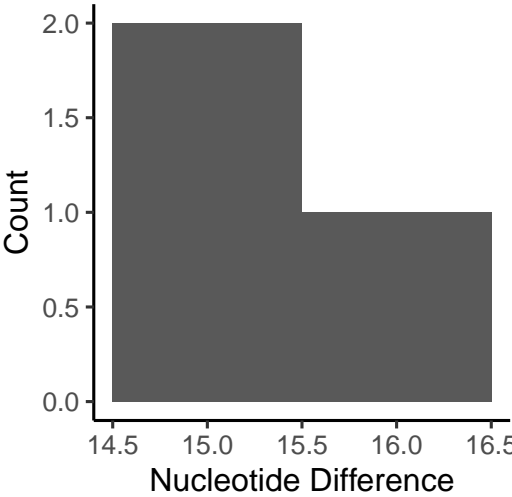
IGHV4–NL_33*01_S6730

1 sequences assigned
No exact matches.



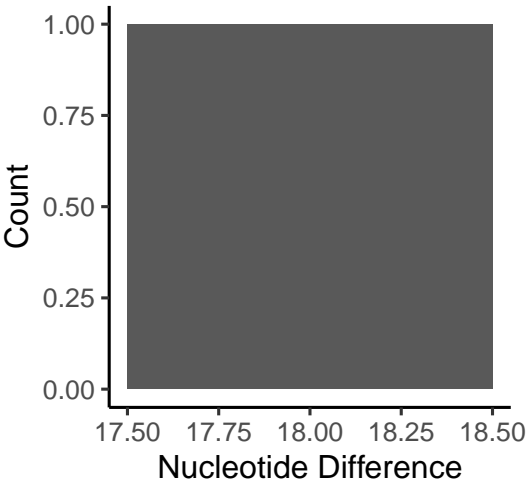
IGHV4–NL_38*01_S2187

4 sequences assigned
No exact matches.



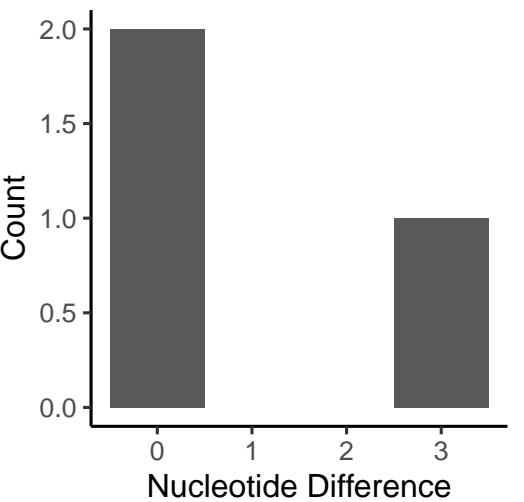
IGHV4–NL_32*01_S3033

1 sequences assigned
No exact matches.



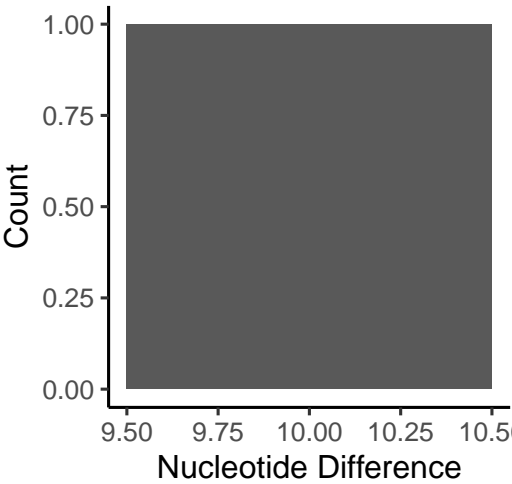
IGHV4–NL_34*01_S4637

4 sequences assigned
2 (50%) exact matches, in which:
2 unique CDR3
1 unique J



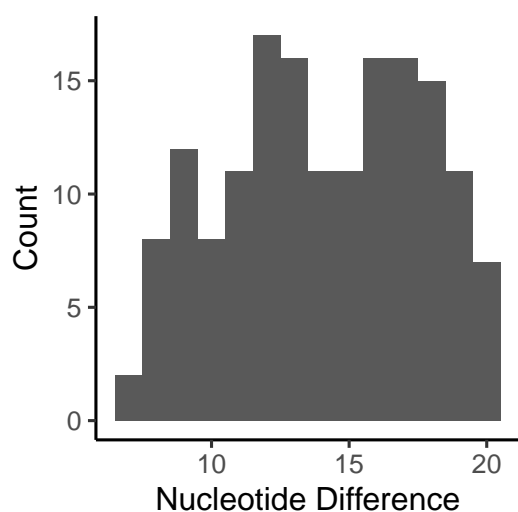
IGHV4–NL_38*01_S9472

1 sequences assigned
No exact matches.



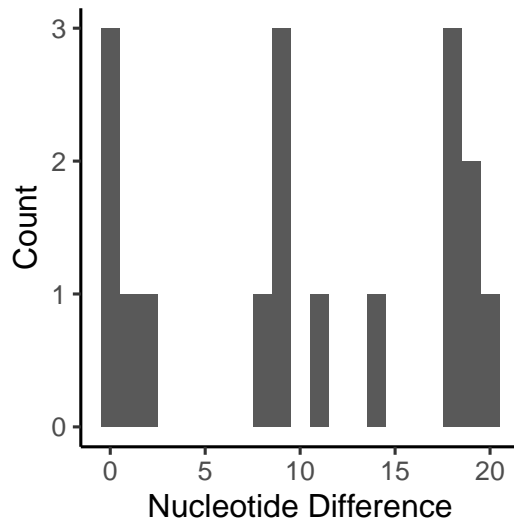
IGHV4–NL_4*01_S5211

203 sequences assigned
No exact matches.



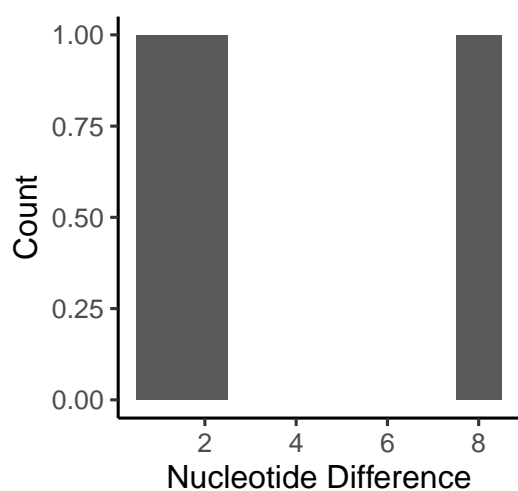
IGHV4–NL_9*01_S4567

20 sequences assigned
3 (15%) exact matches, in which:
2 unique CDR3
1 unique J



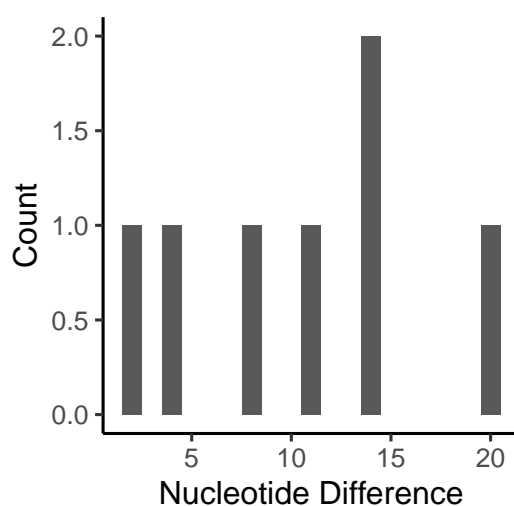
IGHV4–NL_5*01_S5158

3 sequences assigned
No exact matches.



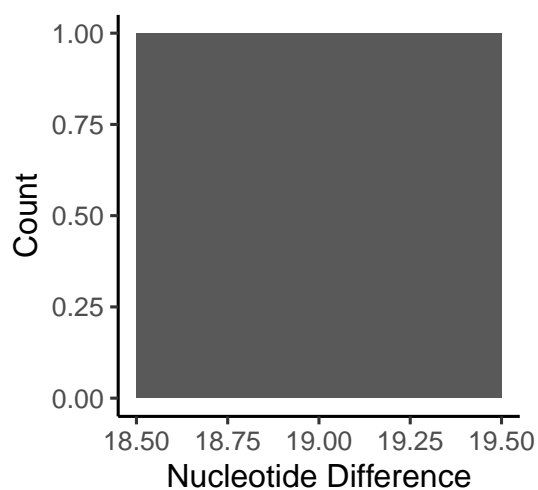
IGHV5–15*01_S9061

11 sequences assigned
No exact matches.

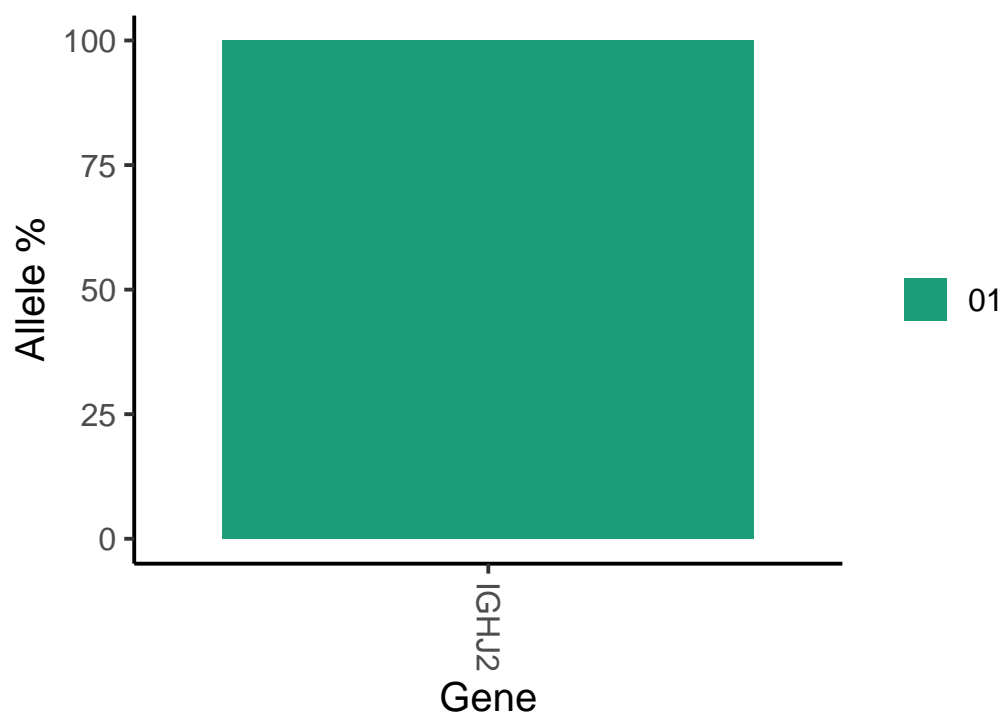


IGHV4–NL_5*01_S8645

4 sequences assigned
No exact matches.



Allele Usage



Warning – no inferred sequences found.