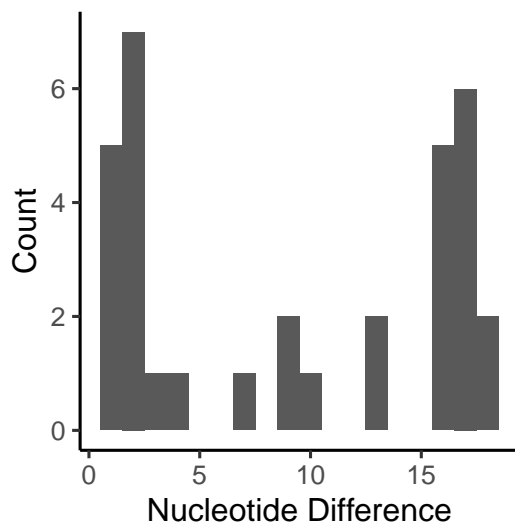


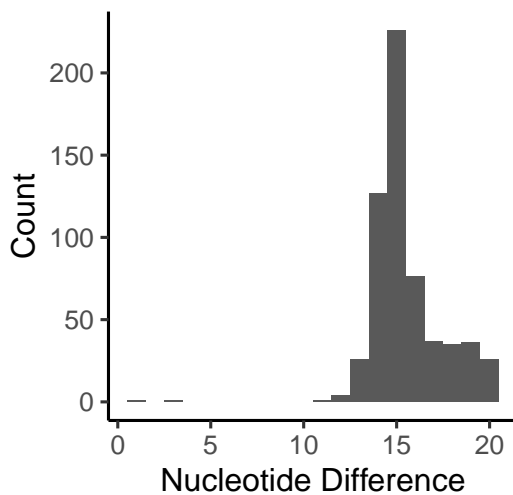
IGHV1-2*04

40 sequences assigned
No exact matches.



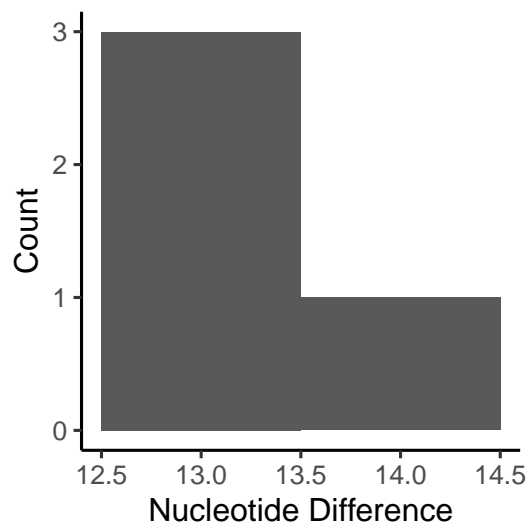
IGHV1-8*01

654 sequences assigned
No exact matches.



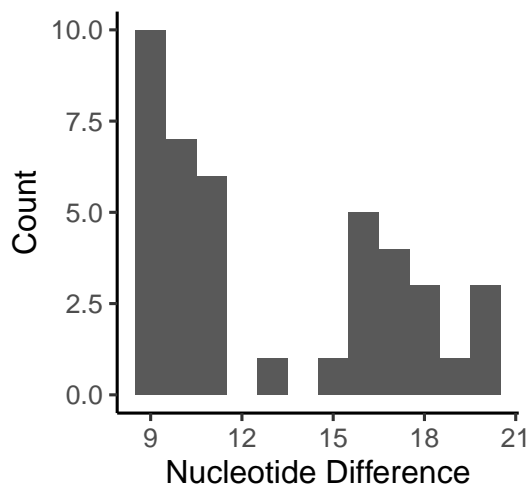
IGHV1-58*01_03

4 sequences assigned
No exact matches.



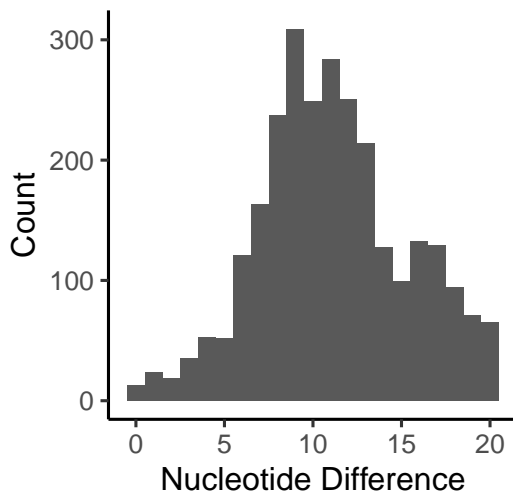
IGHV1-3*04

44 sequences assigned
No exact matches.



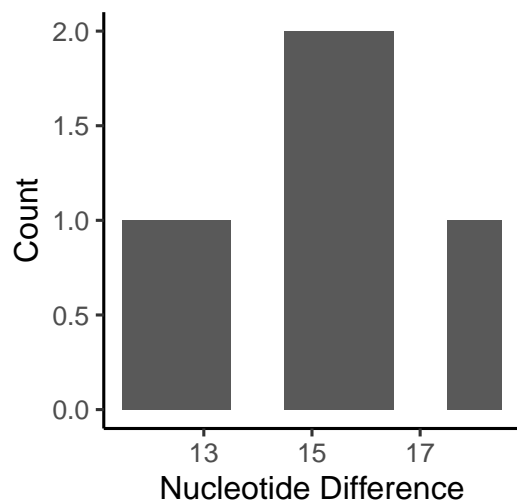
IGHV1-18*01

2900 sequences assigned
13 (0.4%) exact matches, in which:
11 unique CDR3
4 unique J



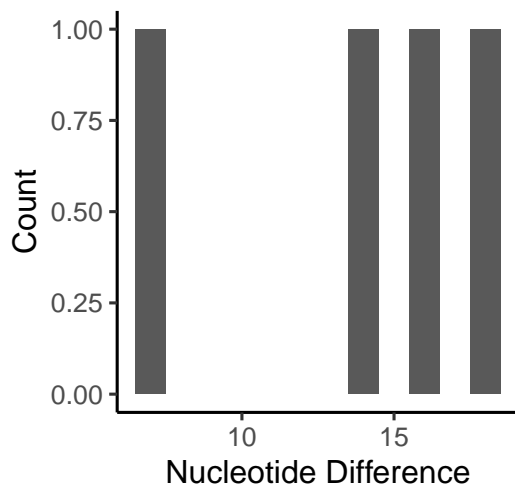
IGHV1-69-2*01

8 sequences assigned
No exact matches.



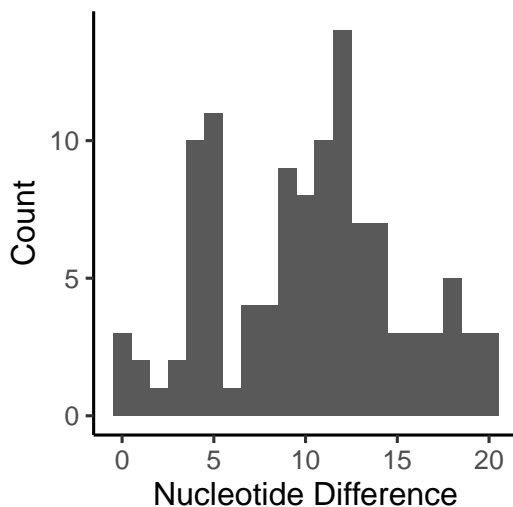
IGHV1-3*01_05

8 sequences assigned
No exact matches.



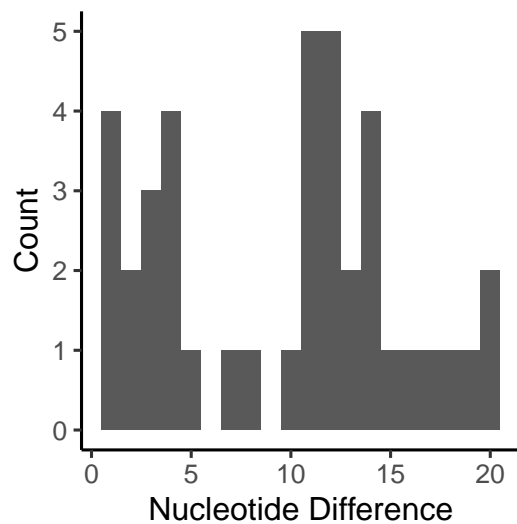
IGHV1-46*01

119 sequences assigned
3 (2.5%) exact matches, in which:
2 unique CDR3
1 unique J



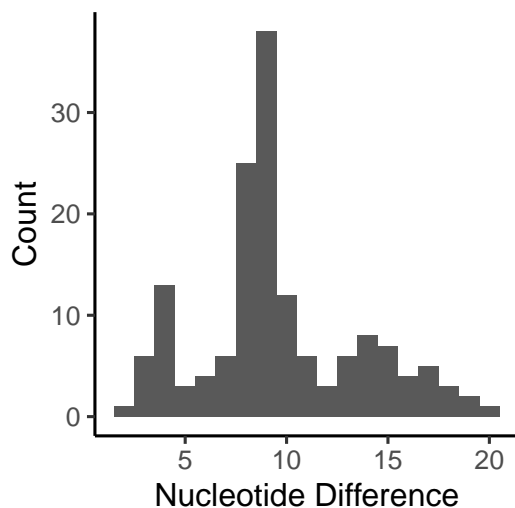
IGHV1-69*01_12_13

134 sequences assigned
No exact matches.



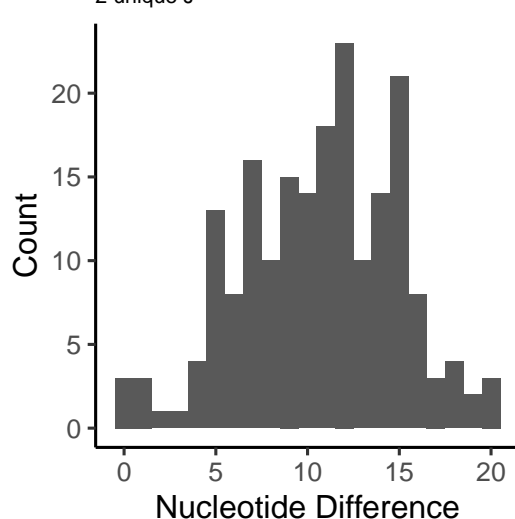
IGHV1-69*06_14

199 sequences assigned
No exact matches.



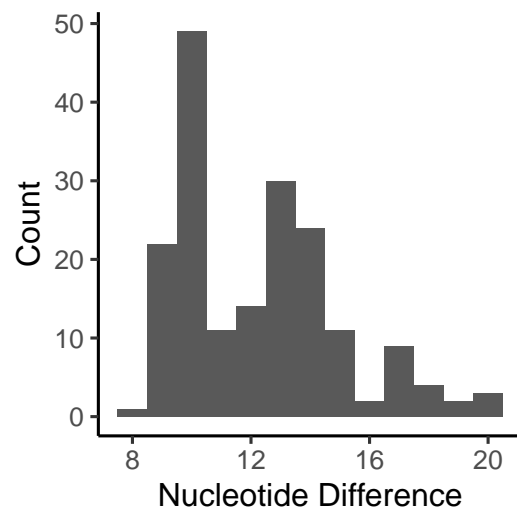
IGHV3-7*01

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



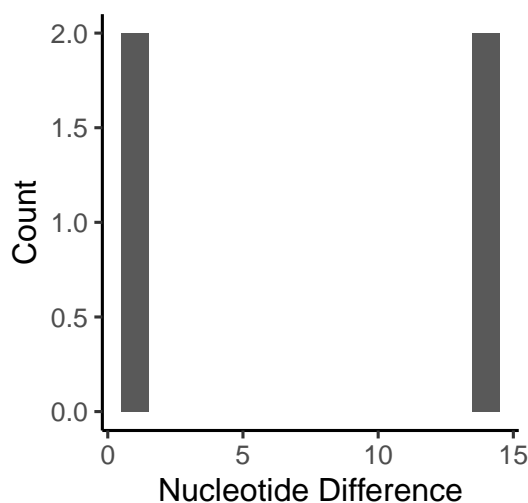
IGHV3-11*01

186 sequences assigned
No exact matches.



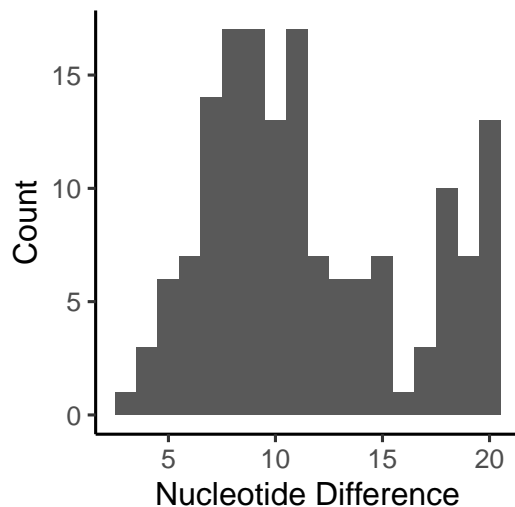
IGHV2-5*02

5 sequences assigned
No exact matches.



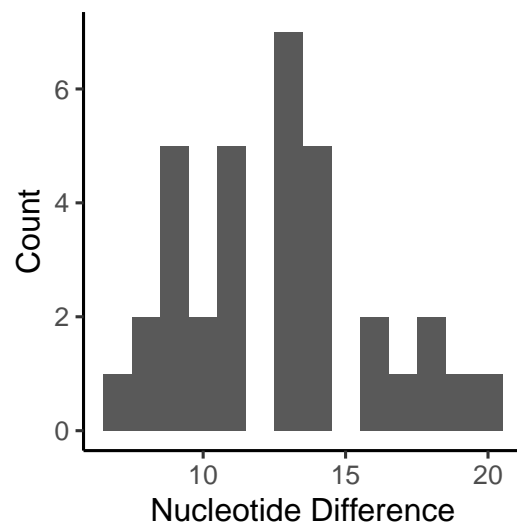
IGHV3-7*03

195 sequences assigned
No exact matches.



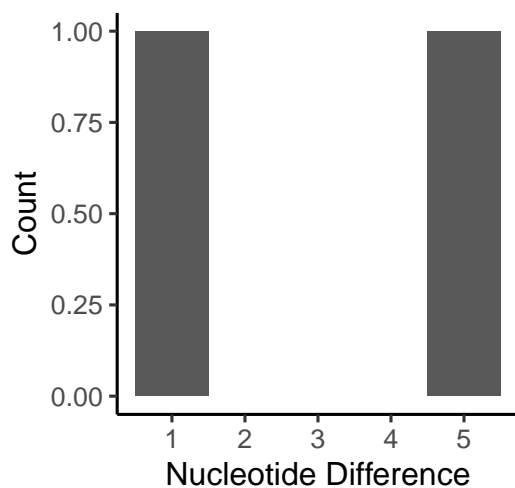
IGHV3-11*04

37 sequences assigned
No exact matches.



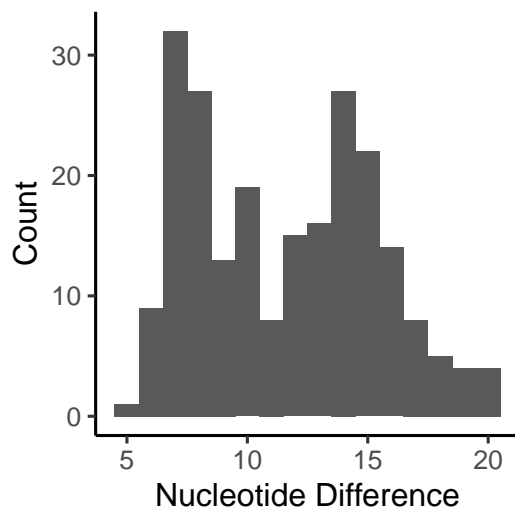
IGHV2-70*01

2 sequences assigned
No exact matches.



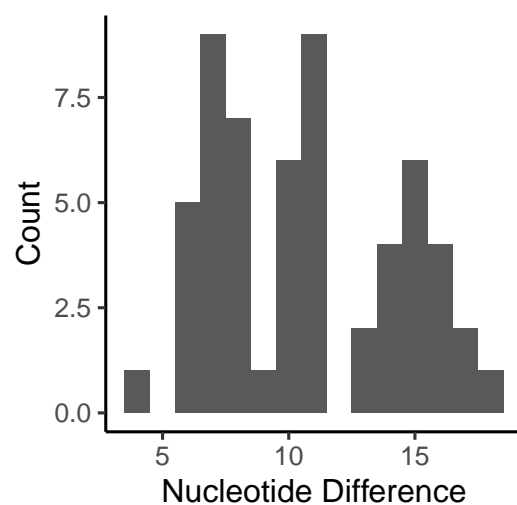
IGHV3-9*01

259 sequences assigned
No exact matches.



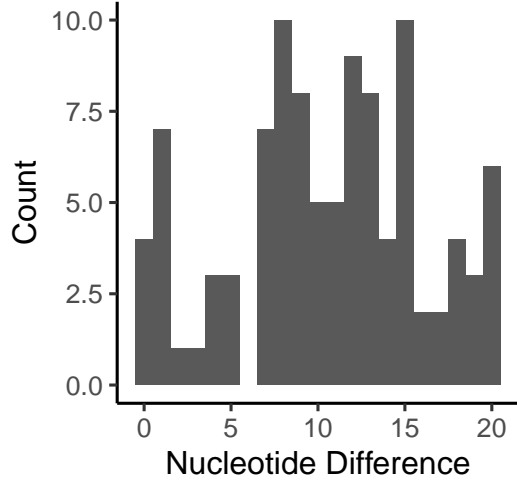
IGHV3-11*06

57 sequences assigned
No exact matches.



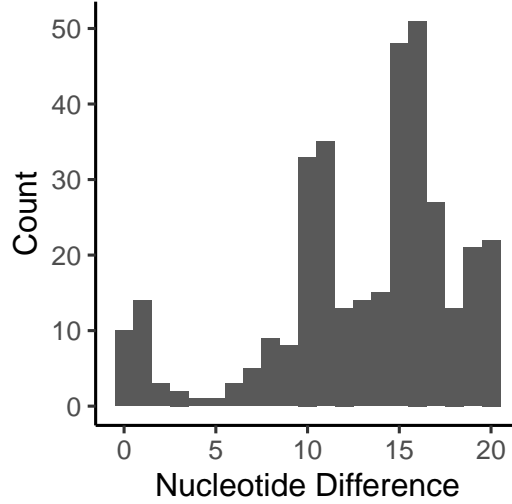
IGHV3-15*07

118 sequences assigned
4 (3.4%) exact matches, in which:
4 unique CDR3
1 unique J



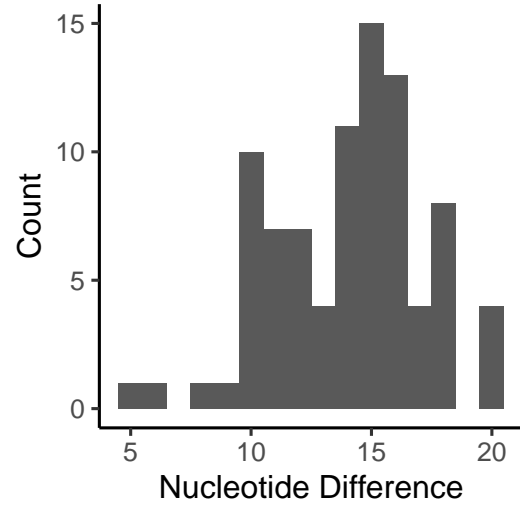
IGHV3-21*01_02

449 sequences assigned
10 (2.2%) exact matches, in which:
8 unique CDR3
3 unique J



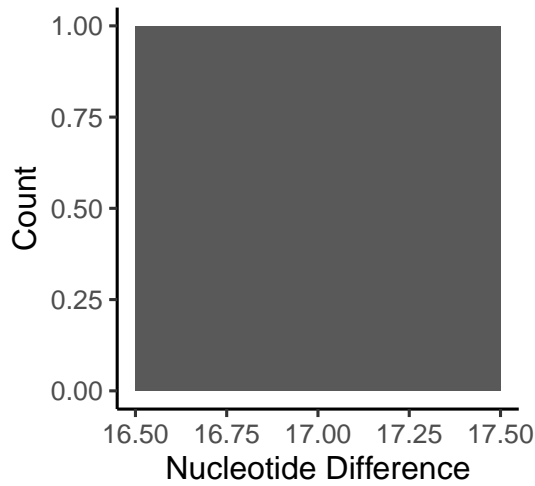
IGHV3-30*03

134 sequences assigned
No exact matches.



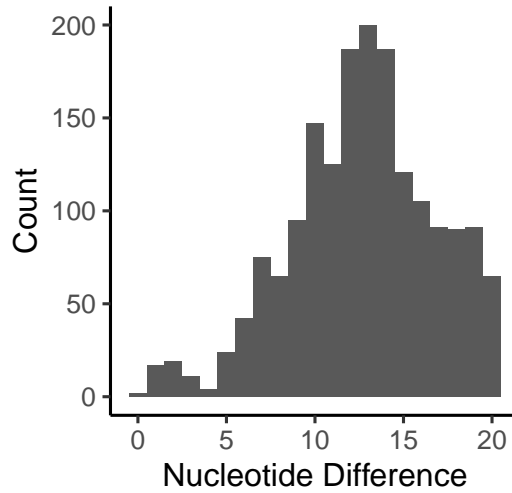
IGHV3-20*01_02

1 sequences assigned
No exact matches.



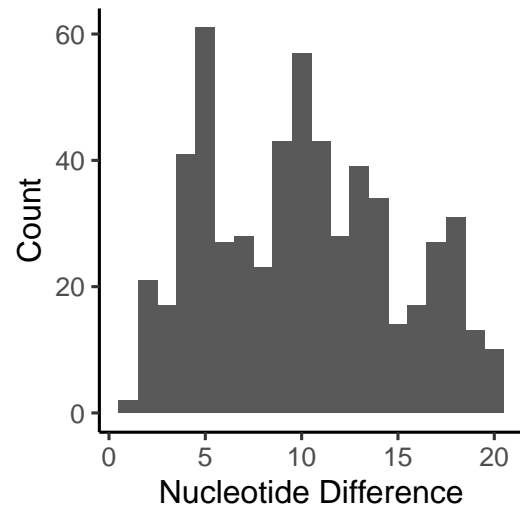
IGHV3-23*01_04

2072 sequences assigned
2 (0.1%) exact matches, in which:
2 unique CDR3
2 unique J



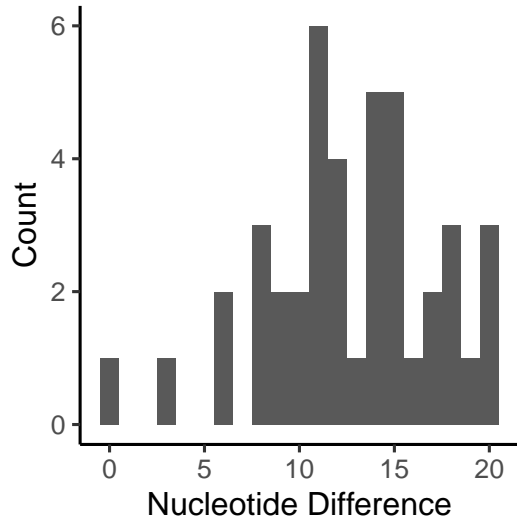
IGHV3-33*01

655 sequences assigned
No exact matches.



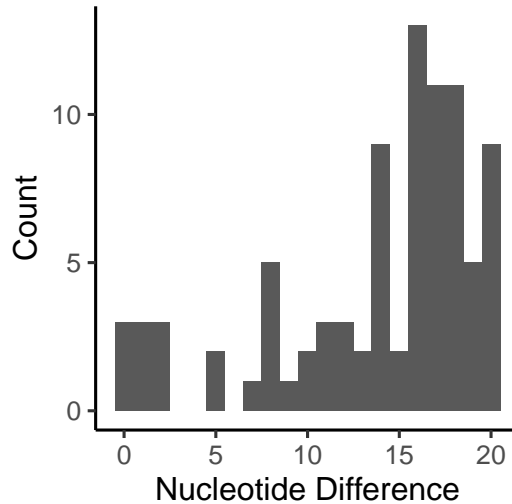
IGHV3-21*04

56 sequences assigned
1 (1.8%) exact matches, in which:
1 unique CDR3
1 unique J



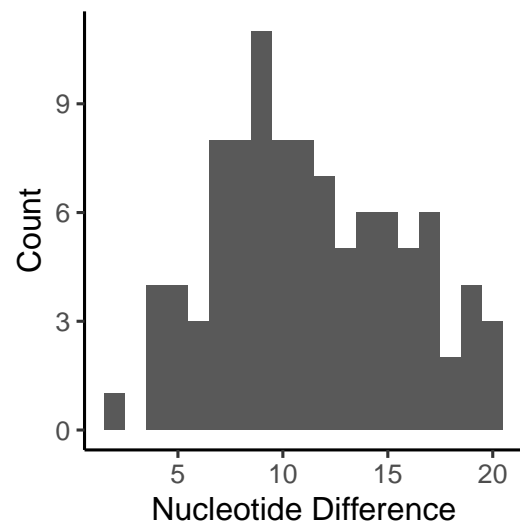
IGHV3-30-3*01

121 sequences assigned
3 (2.5%) exact matches, in which:
2 unique CDR3
1 unique J



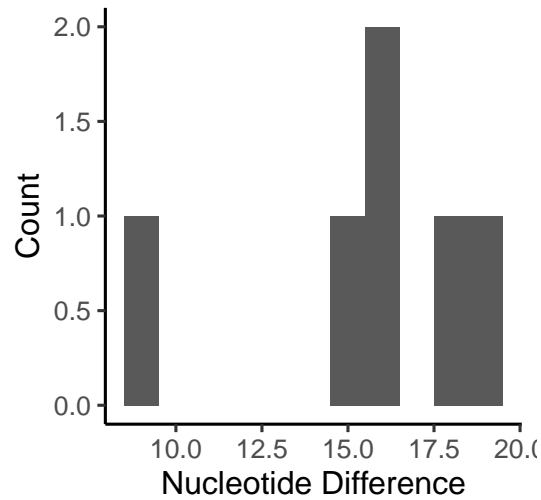
IGHV3-33*06

114 sequences assigned
No exact matches.



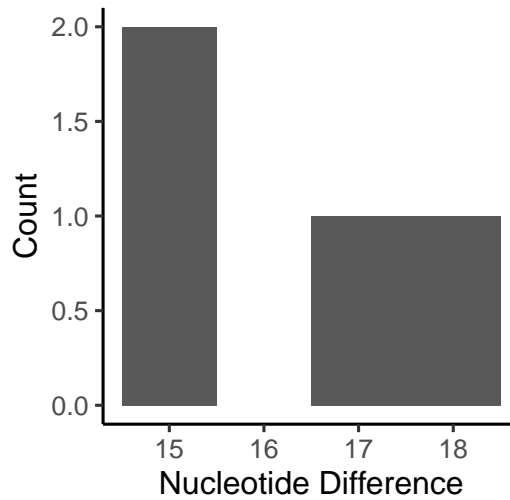
IGHV3-48*01

17 sequences assigned
No exact matches.



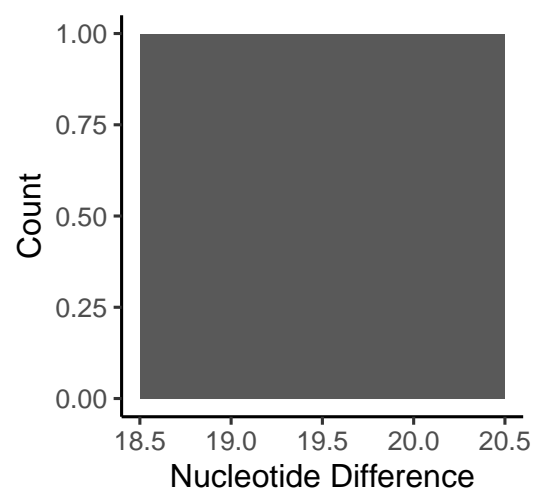
IGHV3-49*04

5 sequences assigned
No exact matches.



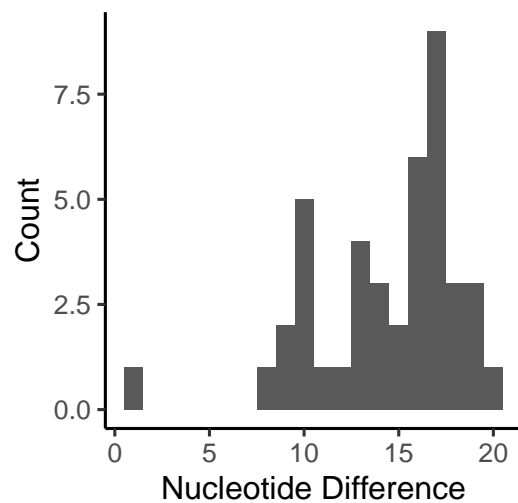
IGHV3-64*04

8 sequences assigned
No exact matches.



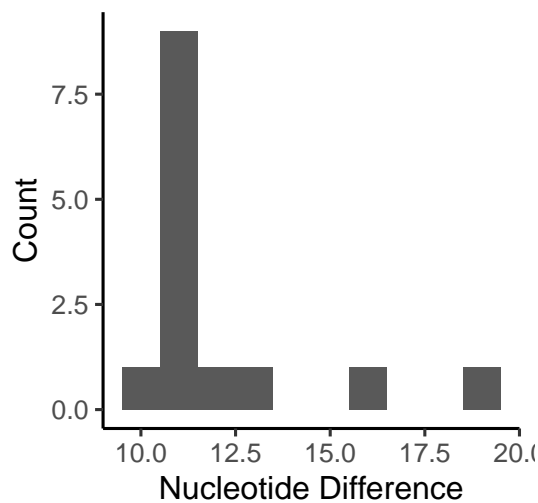
IGHV3-48*02

118 sequences assigned
No exact matches.



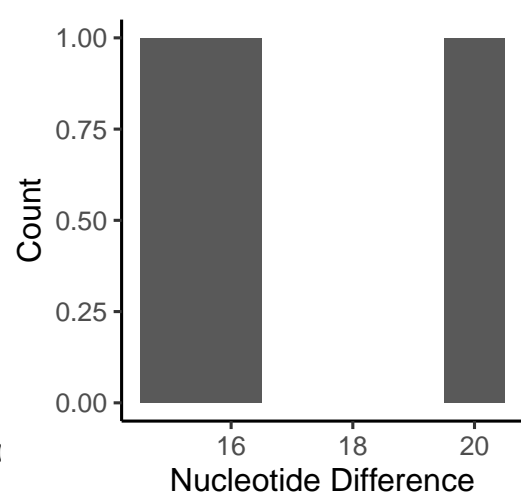
IGHV3-49*03_05

18 sequences assigned
No exact matches.



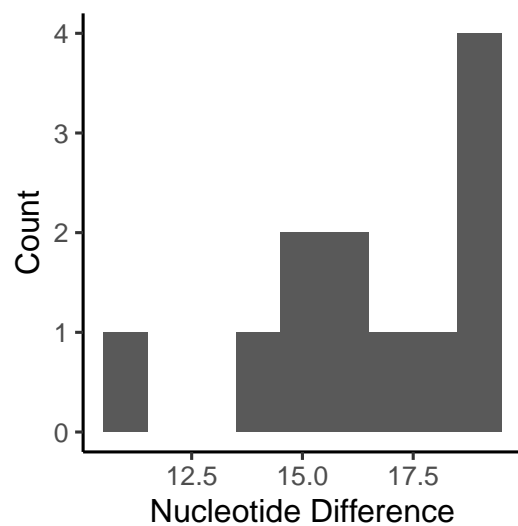
IGHV3-64*02_07

4 sequences assigned
No exact matches.



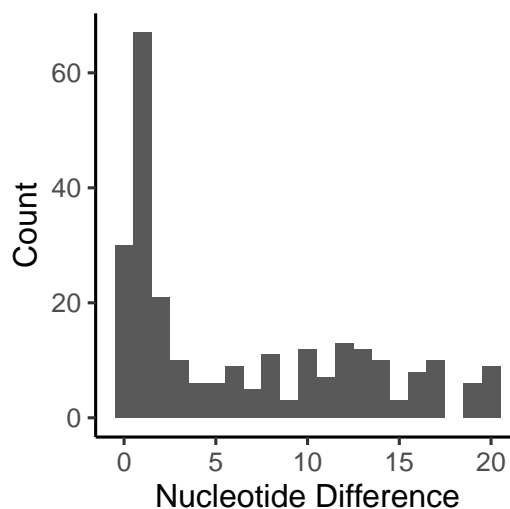
IGHV3-48*04

24 sequences assigned
No exact matches.



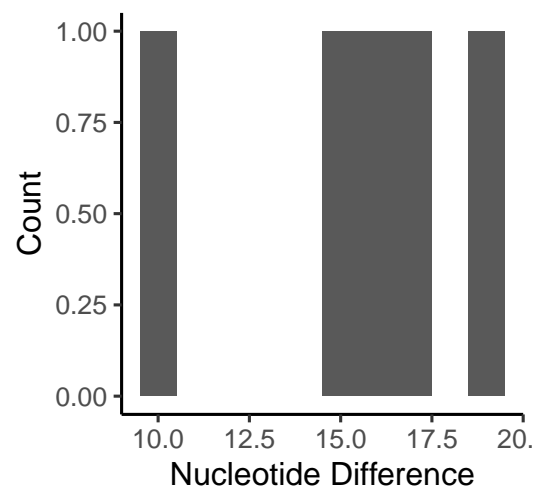
IGHV3-53*01_02

296 sequences assigned
30 (10.1%) exact matches, in which:
15 unique CDR3
4 unique J



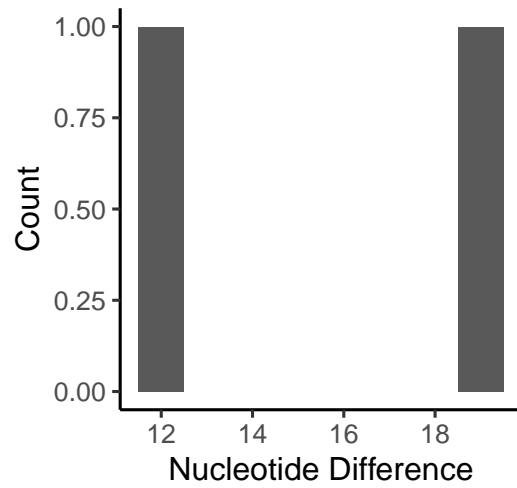
IGHV3-66*01

7 sequences assigned
No exact matches.



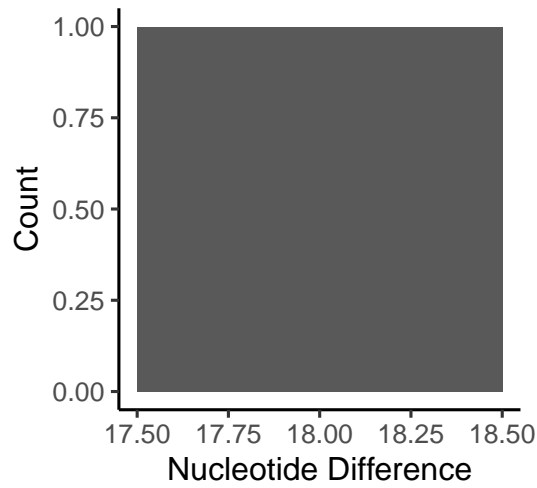
IGHV3-66*02

3 sequences assigned
No exact matches.



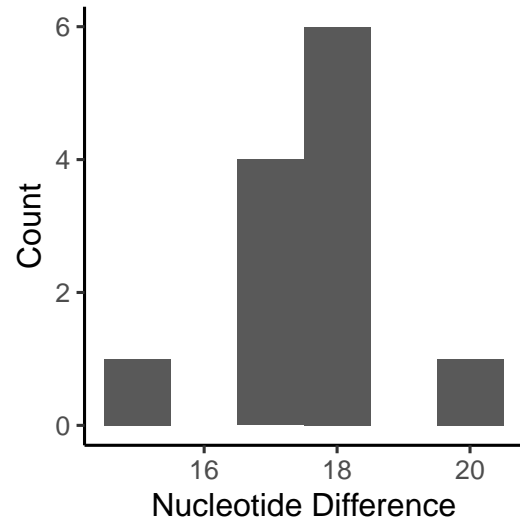
IGHV3-73*01_02

1 sequences assigned
No exact matches.



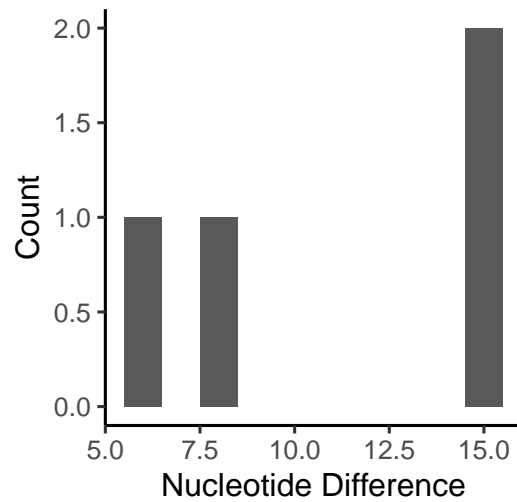
IGHV3-64D*06

18 sequences assigned
No exact matches.



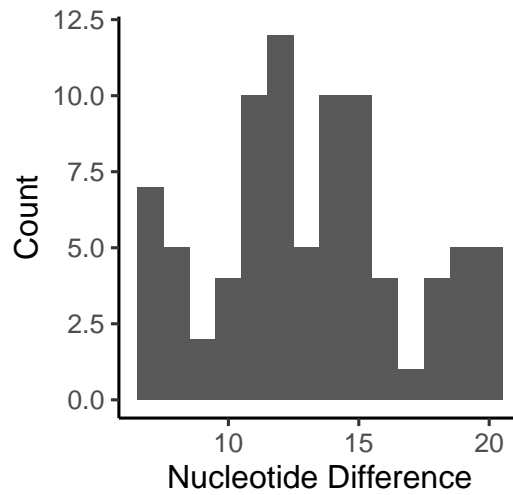
IGHV3-66*03

4 sequences assigned
No exact matches.



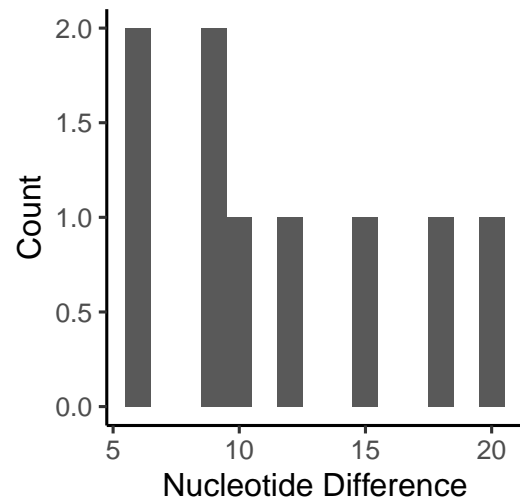
IGHV3-74*03

131 sequences assigned
No exact matches.



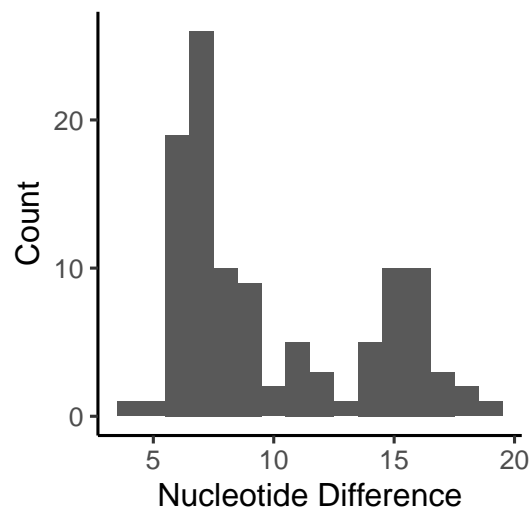
IGHV3-NL1*01

10 sequences assigned
No exact matches.



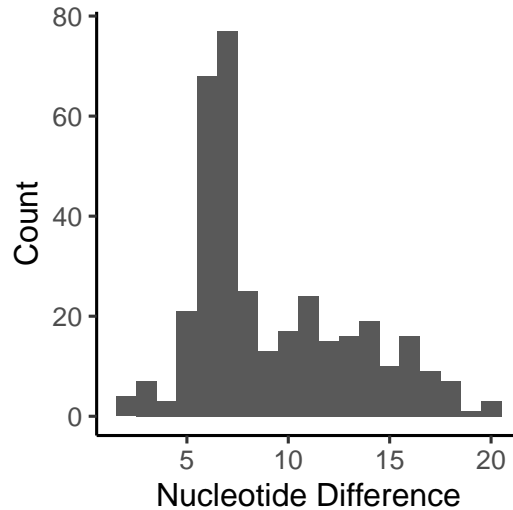
IGHV3-72*01

124 sequences assigned
No exact matches.



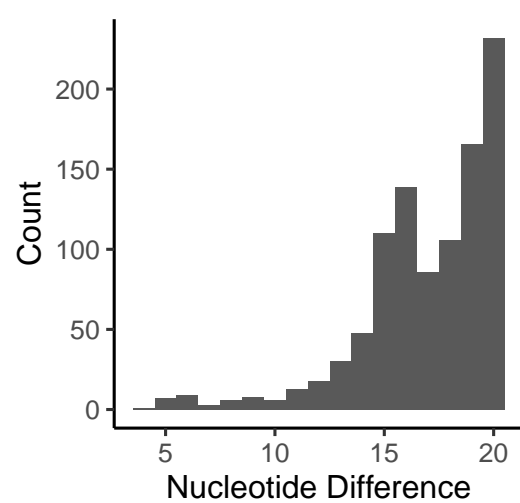
IGHV3-74*01_02

380 sequences assigned
No exact matches.



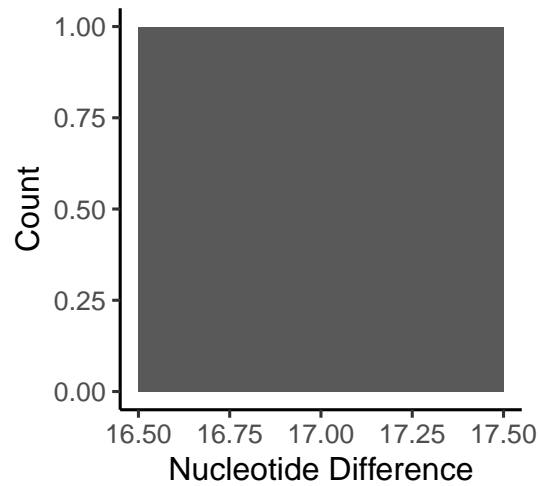
IGHV4-4*02_03

1376 sequences assigned
No exact matches.



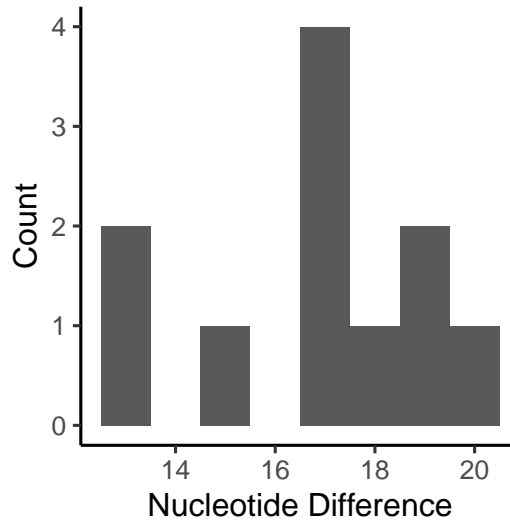
IGHV4-28*03

5 sequences assigned
No exact matches.



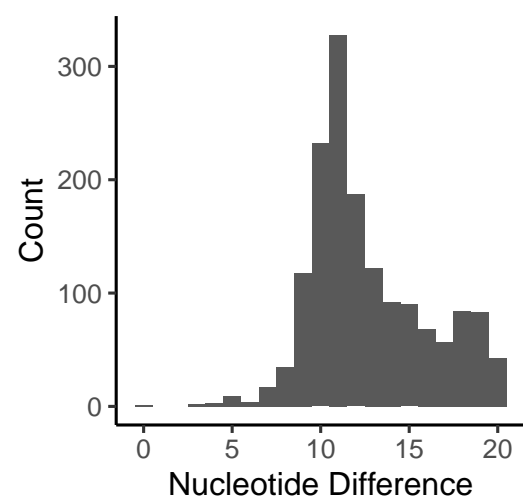
IGHV4-30-2*03

65 sequences assigned
No exact matches.



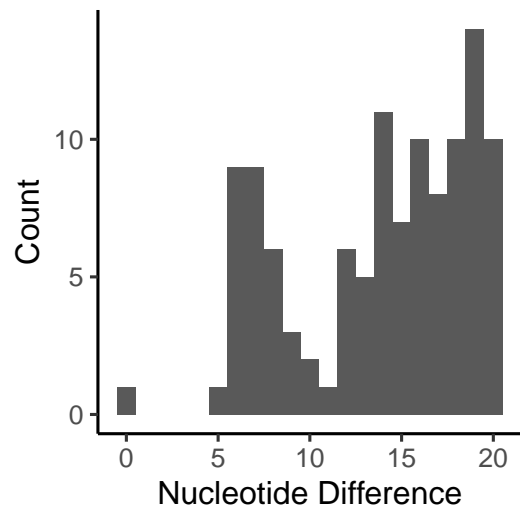
IGHV4-31*02

1947 sequences assigned
1 (0.1%) exact matches, in which:
1 unique CDR3
1 unique J



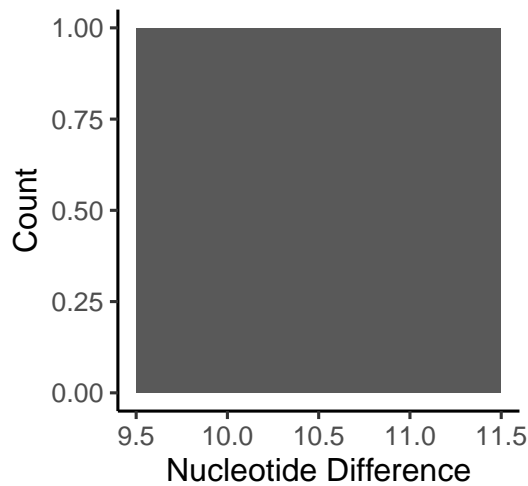
IGHV4-30-4*01

1183 sequences assigned
1 (0.1%) exact matches, in which:
1 unique CDR3
1 unique J



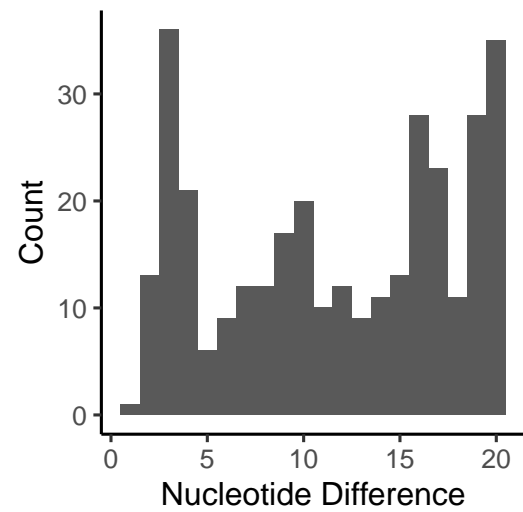
IGHV4-30-2*04

2 sequences assigned
No exact matches.



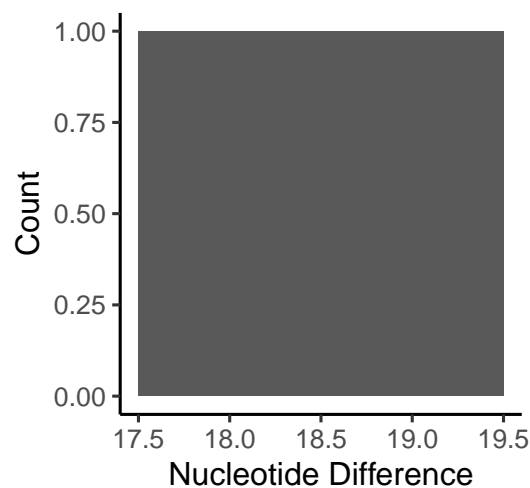
IGHV4-34*01_02

392 sequences assigned
No exact matches.



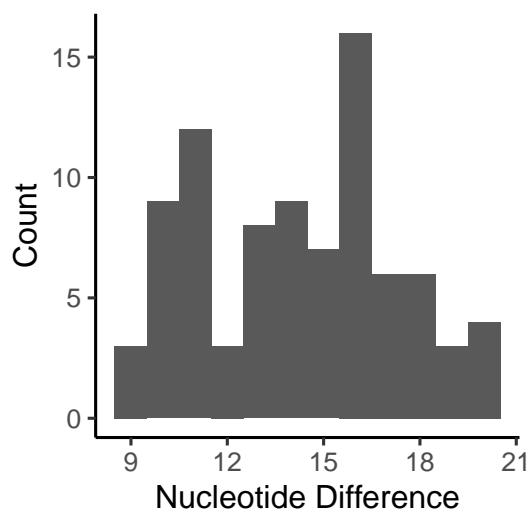
IGHV4-30-2*01

5 sequences assigned
No exact matches.



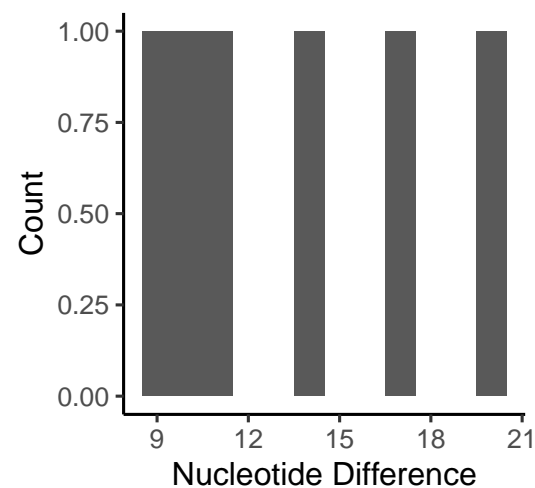
IGHV4-30-4*08

247 sequences assigned
No exact matches.



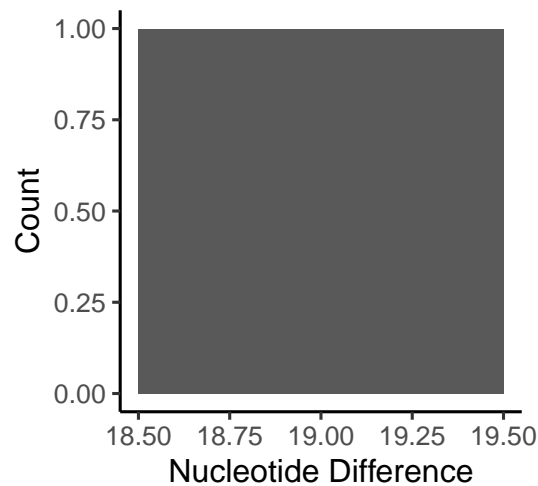
IGHV4-38-2*01

6 sequences assigned
No exact matches.



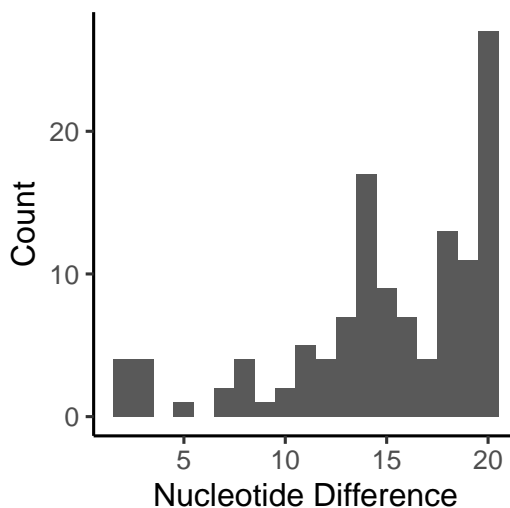
IGHV4-38-2*02

4 sequences assigned
No exact matches.



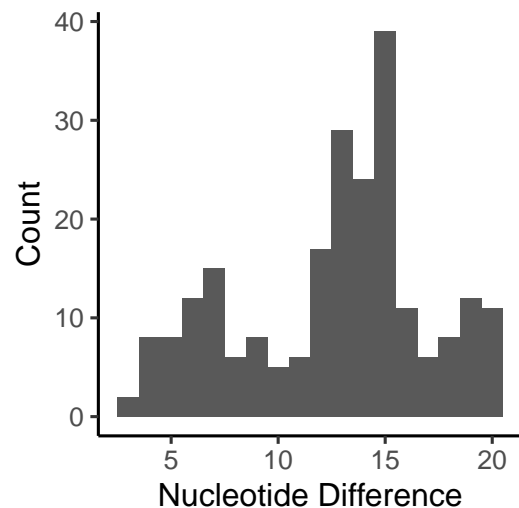
IGHV4-39*01_05

188 sequences assigned
No exact matches.



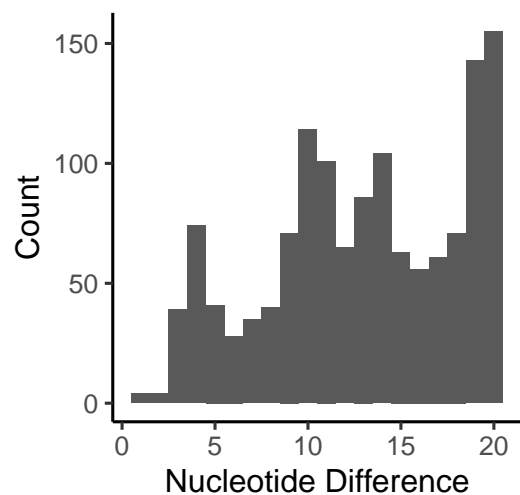
IGHV4-59*12

428 sequences assigned
No exact matches.



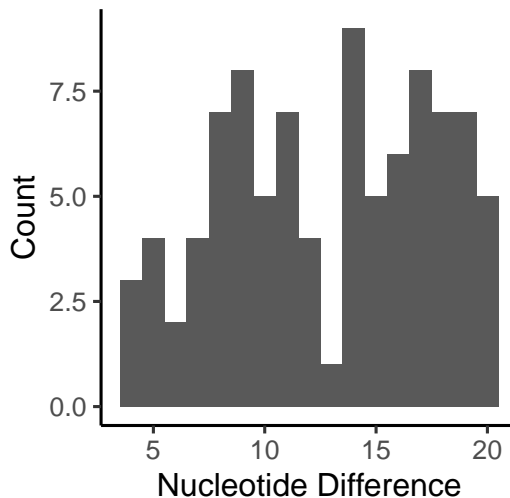
IGHV4-39*02

1791 sequences assigned
No exact matches.



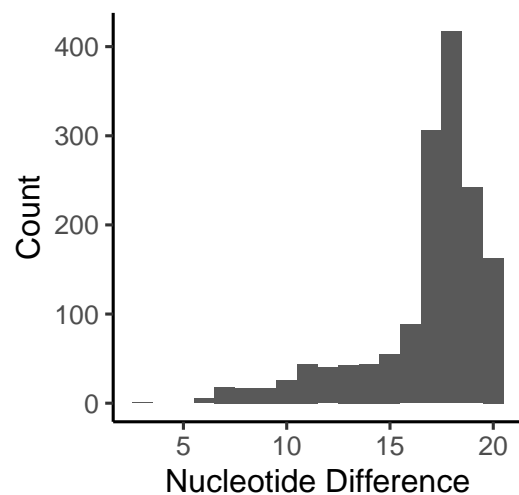
IGHV4-59*08

152 sequences assigned
No exact matches.



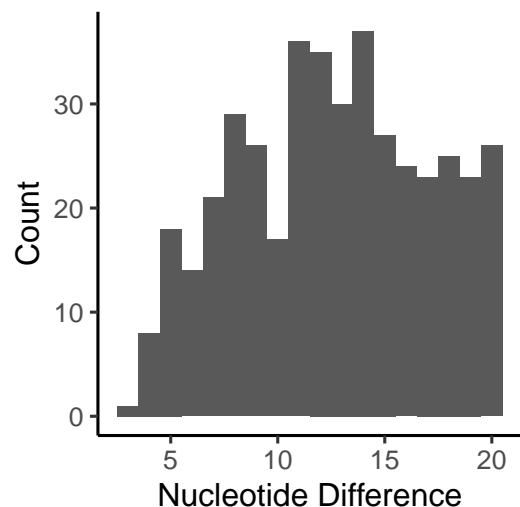
IGHV4-61*01

2042 sequences assigned
No exact matches.



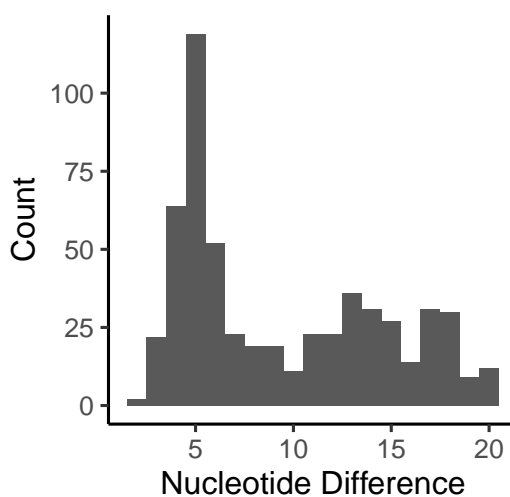
IGHV4-39*07

583 sequences assigned
No exact matches.



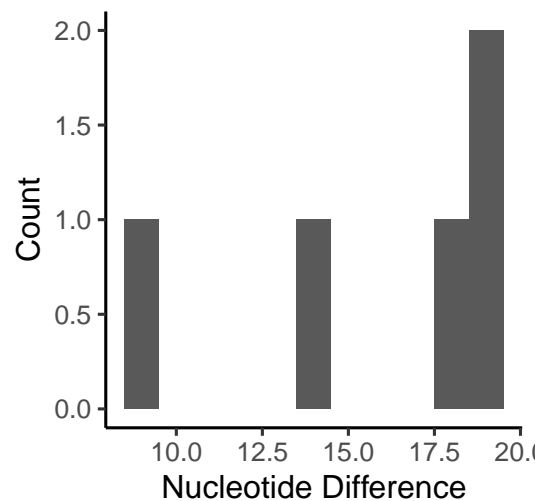
IGHV4-59*01_07

664 sequences assigned
No exact matches.



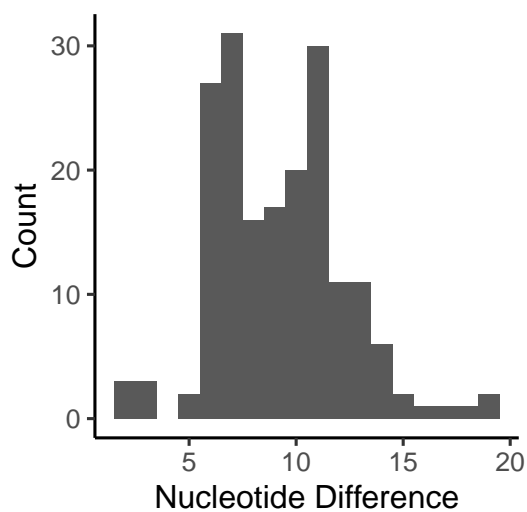
IGHV4/OR15-8*01

5 sequences assigned
No exact matches.



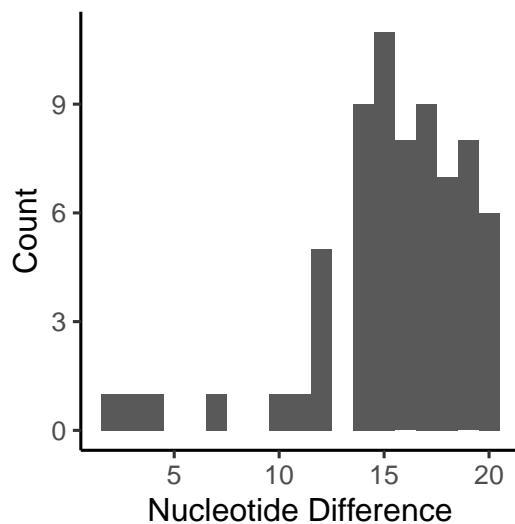
IGHV5-10-1*01_03

199 sequences assigned
No exact matches.



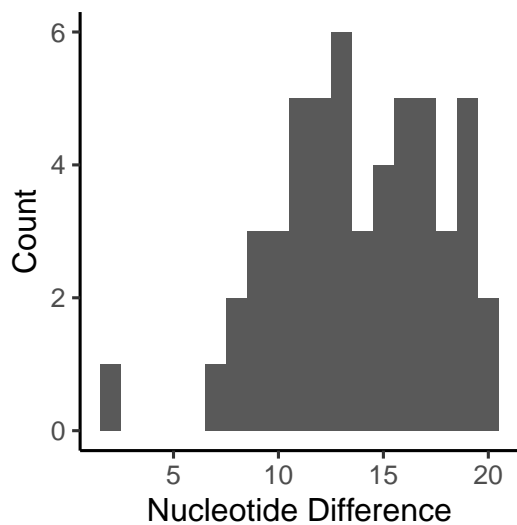
IGHV6-1*01_02

94 sequences assigned
No exact matches.



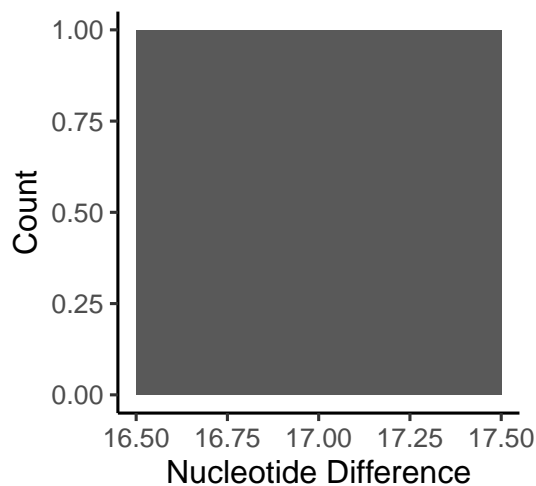
IGHV5-51*07

162 sequences assigned
No exact matches.



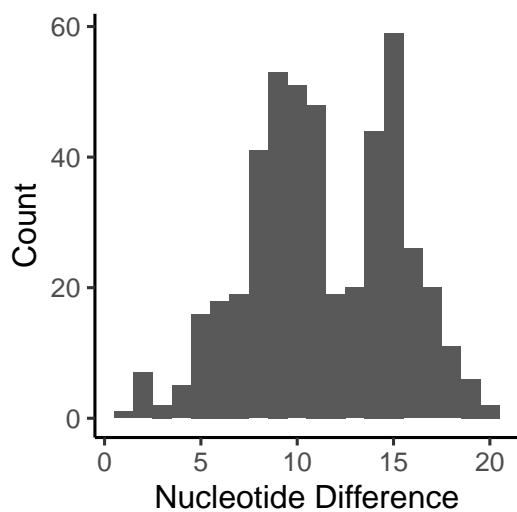
IGHV7-4-1*01

1 sequences assigned
No exact matches.



IGHV5-51*01_03

535 sequences assigned
No exact matches.





Warning – no inferred sequences found.