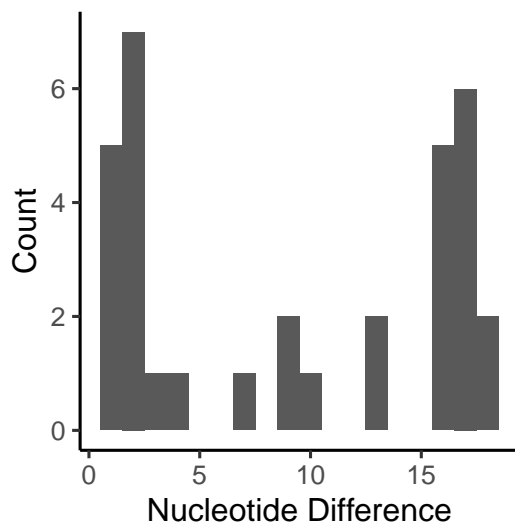


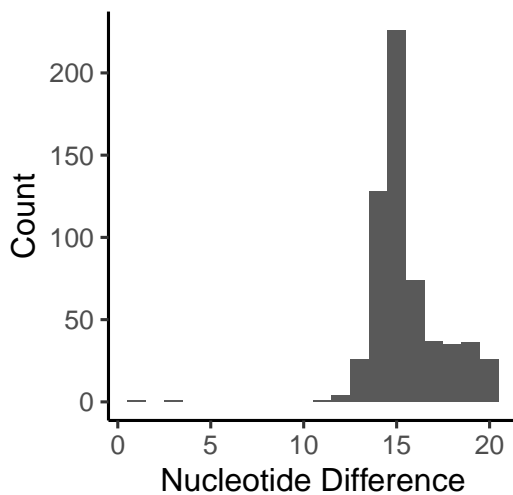
IGHV1-2*04

40 sequences assigned
No exact matches.



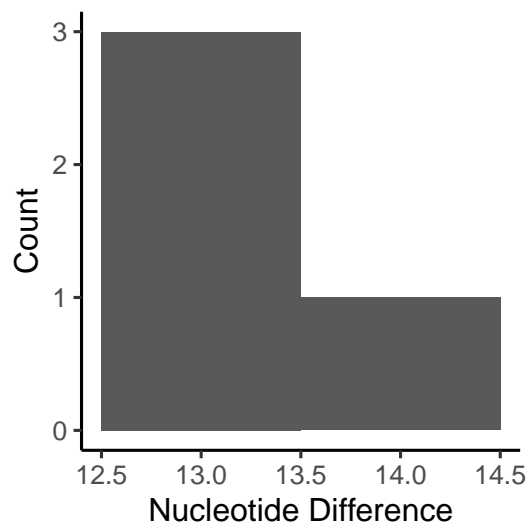
IGHV1-8*01

653 sequences assigned
No exact matches.



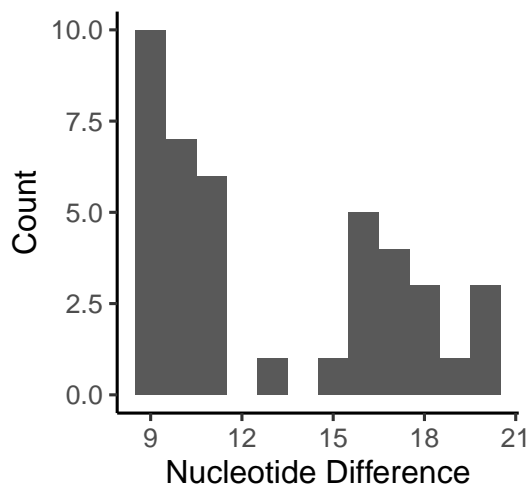
IGHV1-58*01_03

4 sequences assigned
No exact matches.



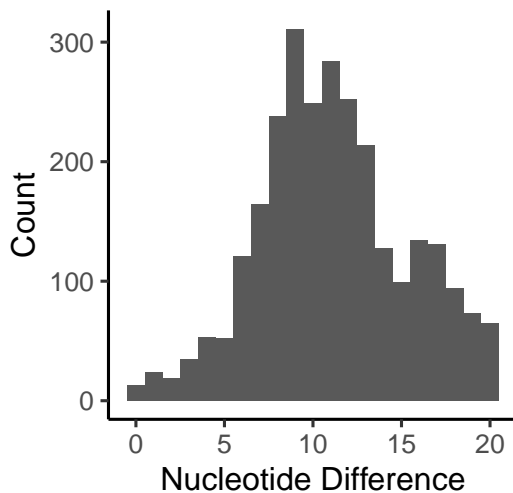
IGHV1-3*04

44 sequences assigned
No exact matches.



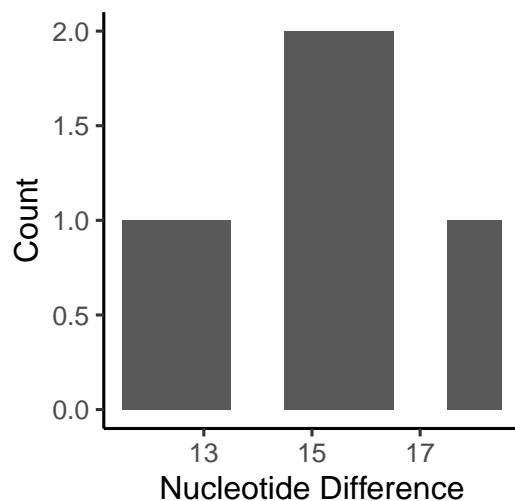
IGHV1-18*01

2915 sequences assigned
13 (0.4%) exact matches, in which:
11 unique CDR3
4 unique J



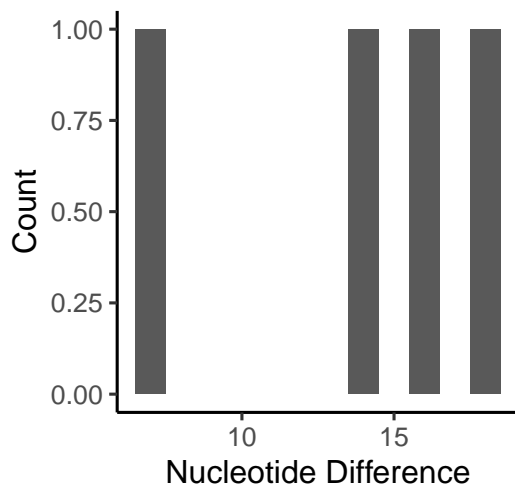
IGHV1-69-2*01

8 sequences assigned
No exact matches.



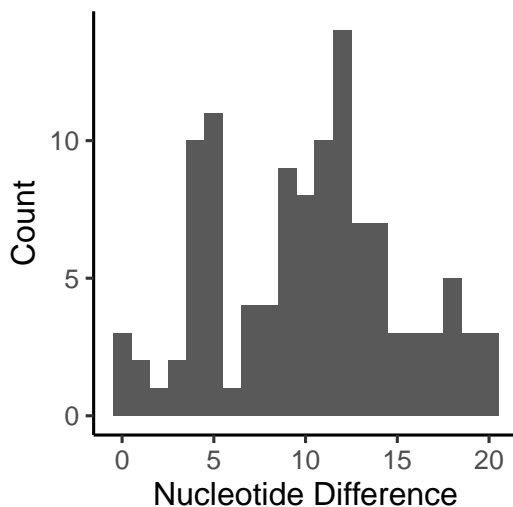
IGHV1-3*01_05

8 sequences assigned
No exact matches.



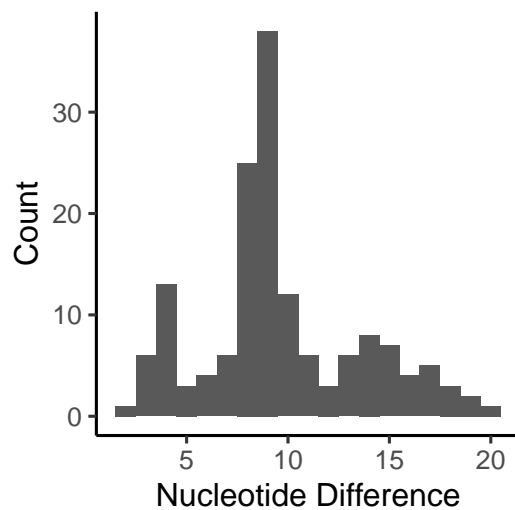
IGHV1-46*01

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



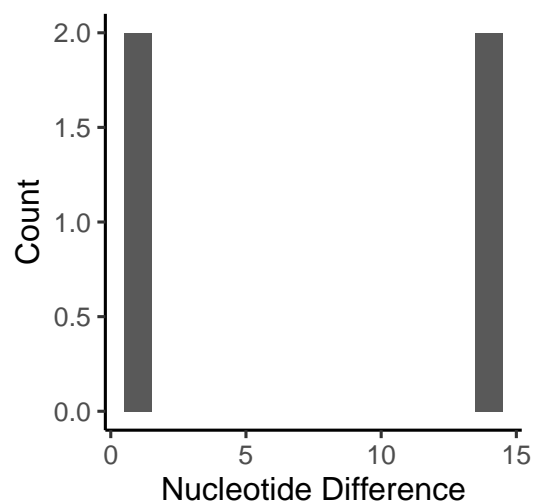
IGHV1-69*06_14

200 sequences assigned
No exact matches.



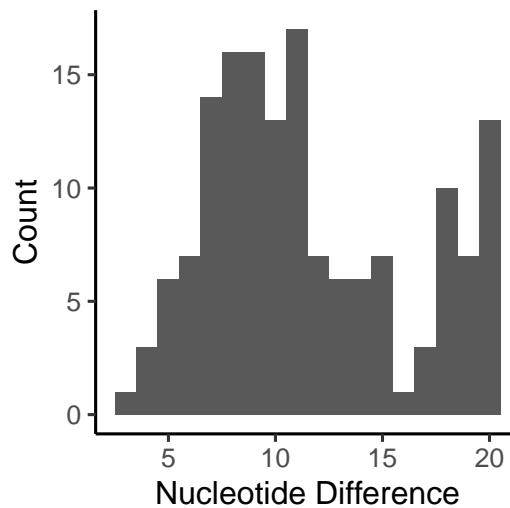
IGHV2-5*02

5 sequences assigned
No exact matches.



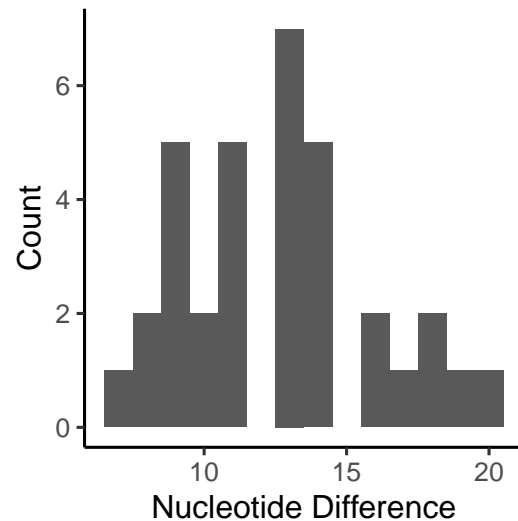
IGHV3-7*03

194 sequences assigned
No exact matches.



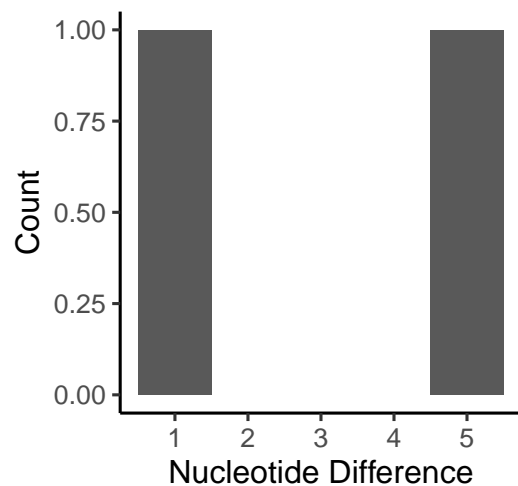
IGHV3-11*04

37 sequences assigned
No exact matches.



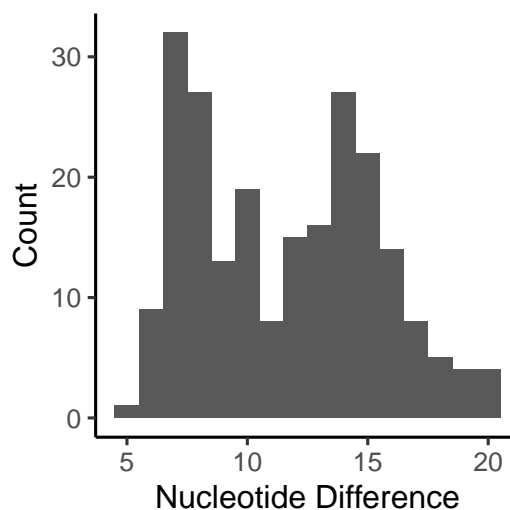
IGHV2-70*01

2 sequences assigned
No exact matches.



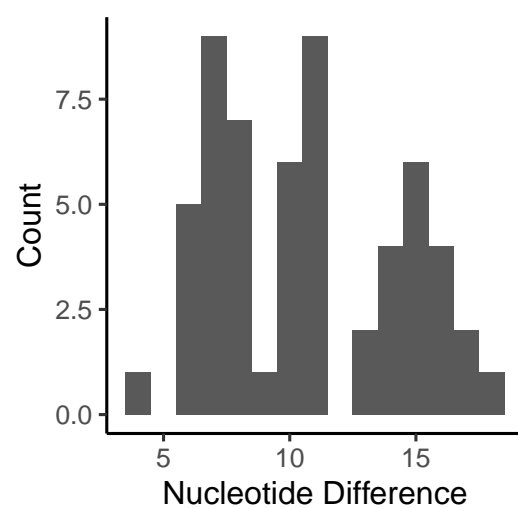
IGHV3-9*01

259 sequences assigned
No exact matches.



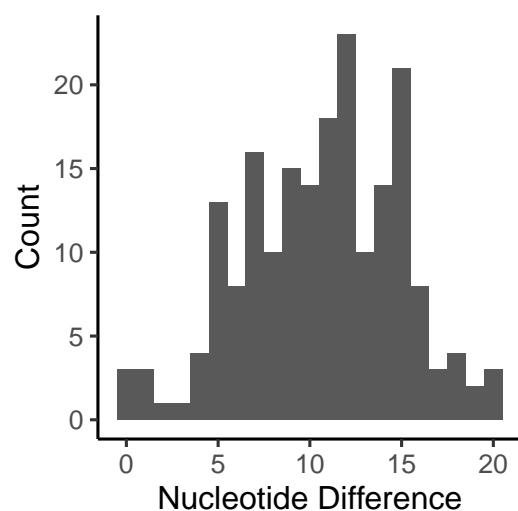
IGHV3-11*06

57 sequences assigned
No exact matches.



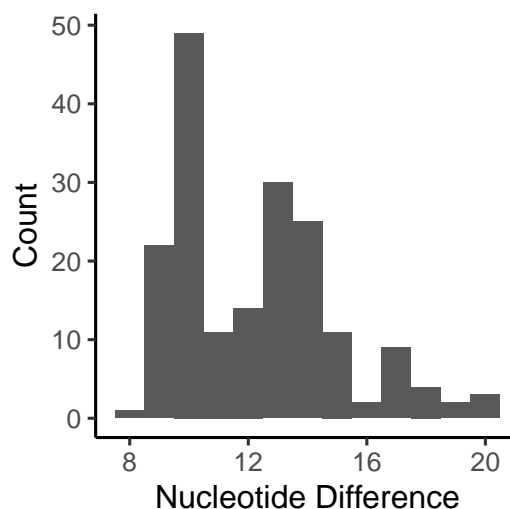
IGHV3-7*01

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



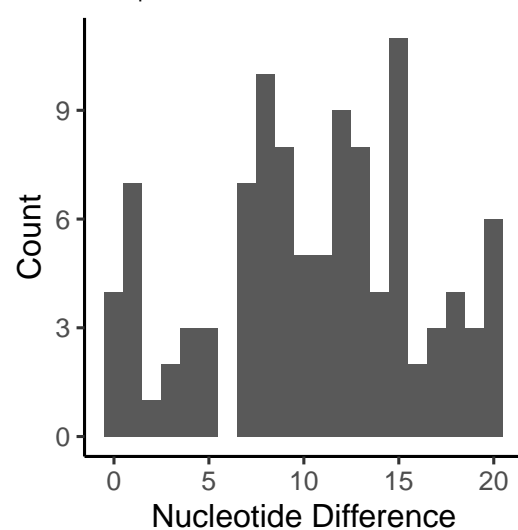
IGHV3-11*01

187 sequences assigned
No exact matches.



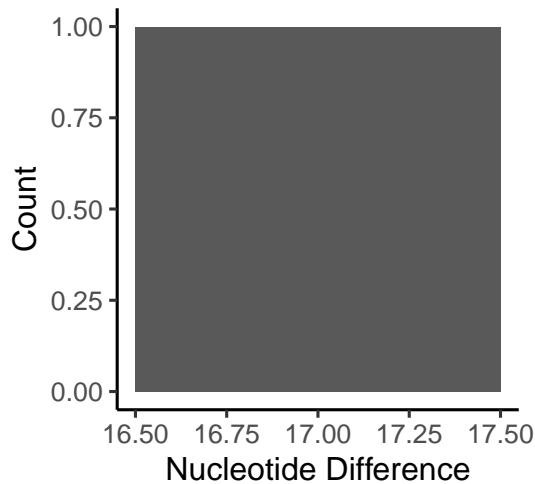
IGHV3-15*07

121 sequences assigned
4 (3.3%) exact matches, in which:
4 unique CDR3
1 unique J



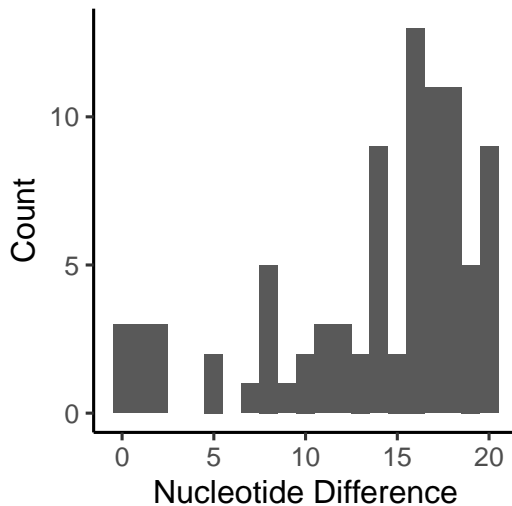
IGHV3-20*01_02

1 sequences assigned
No exact matches.



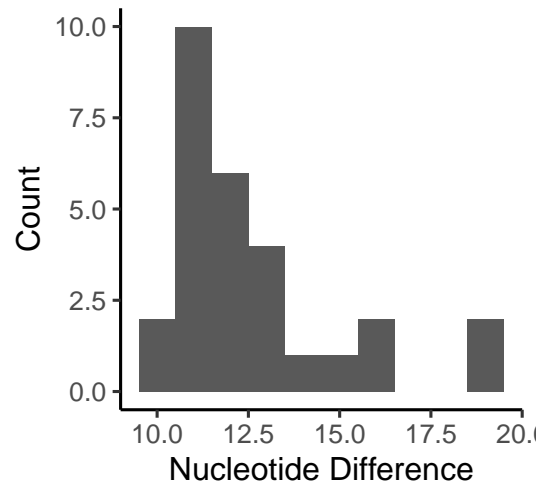
IGHV3-30-3*01

123 sequences assigned
3 (2.4%) exact matches, in which:
2 unique CDR3
1 unique J



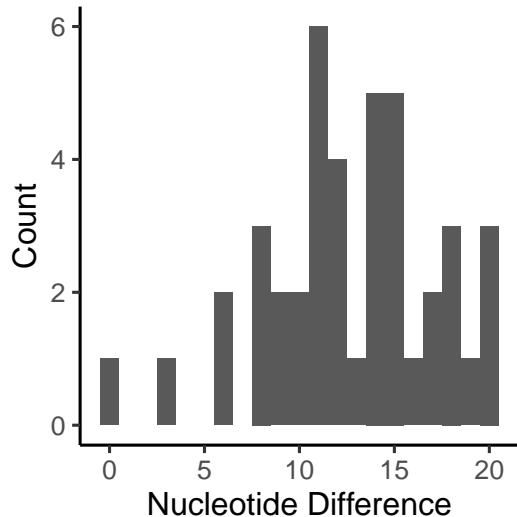
IGHV3-33*05

28 sequences assigned
No exact matches.



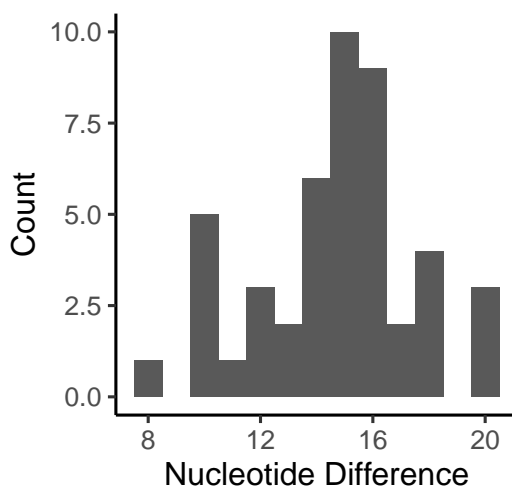
IGHV3-21*04

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



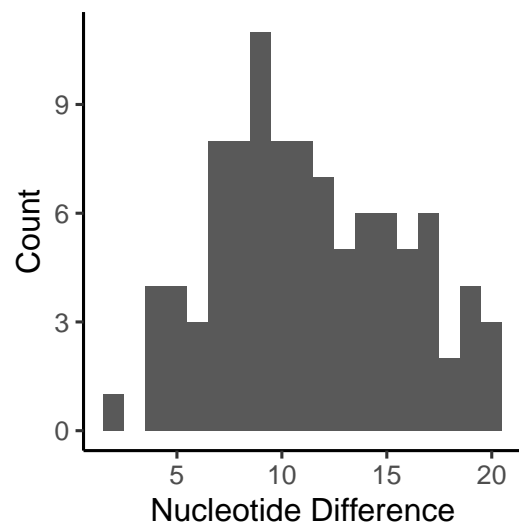
IGHV3-30*03

83 sequences assigned
No exact matches.



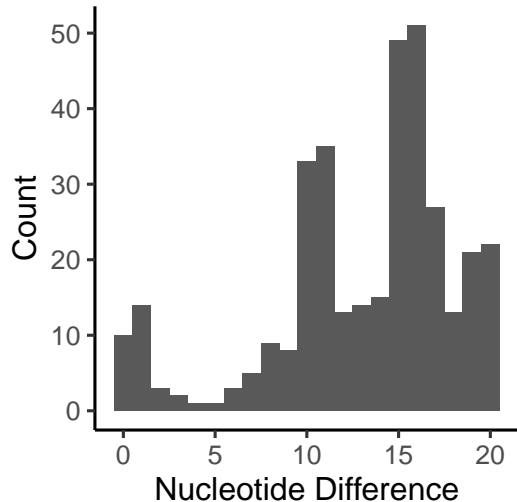
IGHV3-33*06

114 sequences assigned
No exact matches.



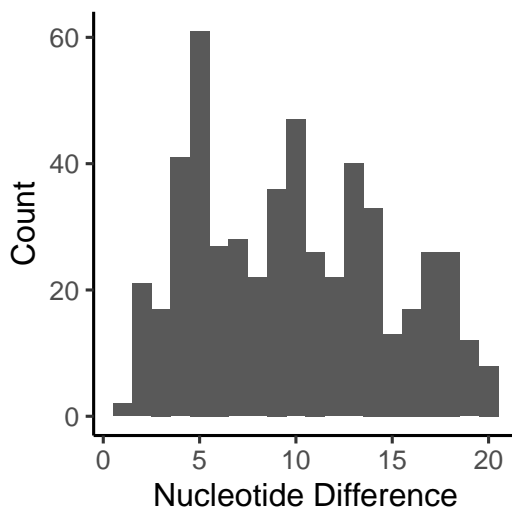
IGHV3-21*01_02

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



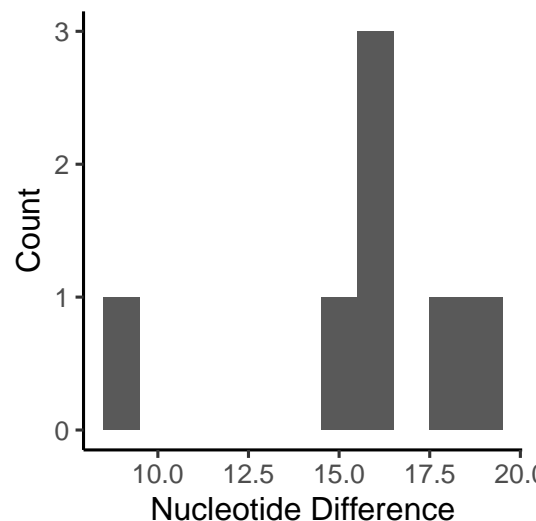
IGHV3-33*01

602 sequences assigned
No exact matches.



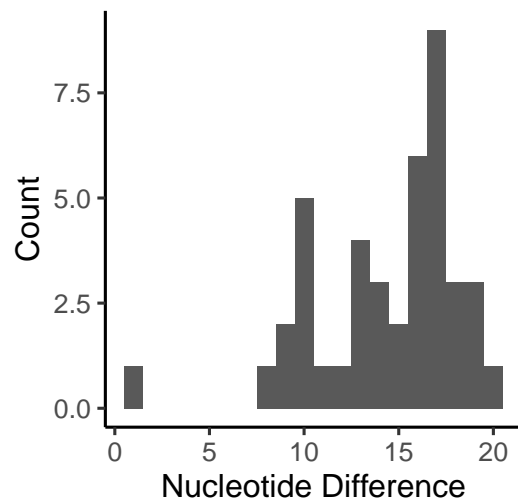
IGHV3-48*01

17 sequences assigned
No exact matches.



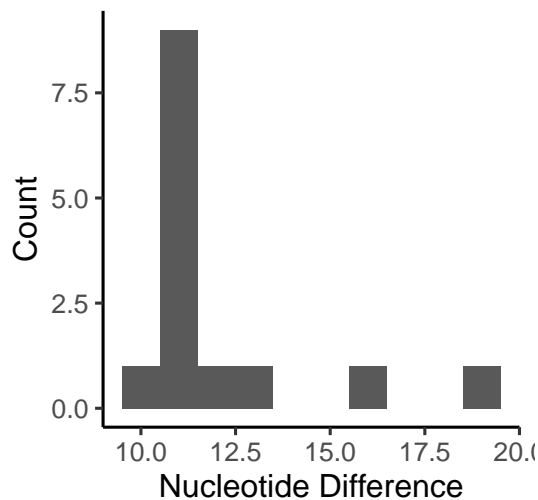
IGHV3-48*02

117 sequences assigned
No exact matches.



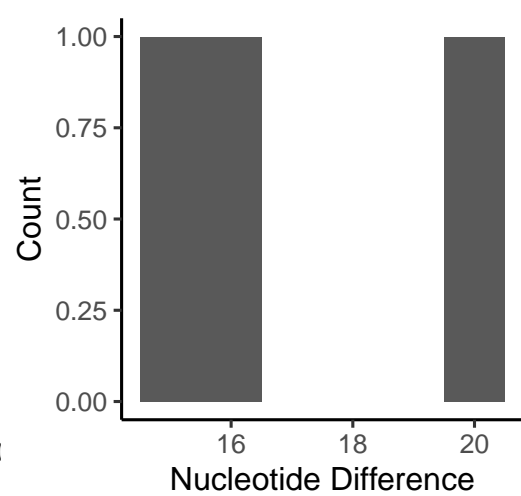
IGHV3-49*03_05

18 sequences assigned
No exact matches.



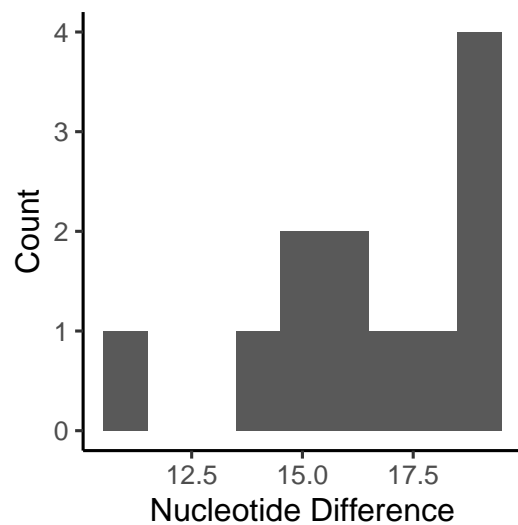
IGHV3-64*02_07

4 sequences assigned
No exact matches.



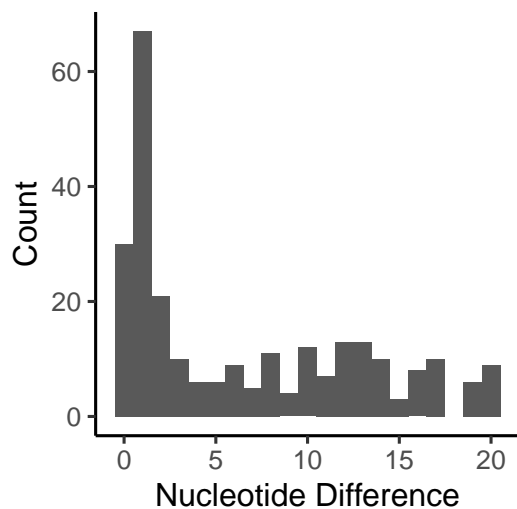
IGHV3-48*04

24 sequences assigned
No exact matches.



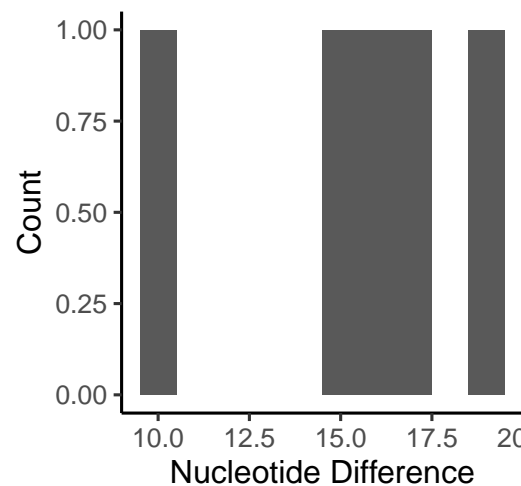
IGHV3-53*01_02

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



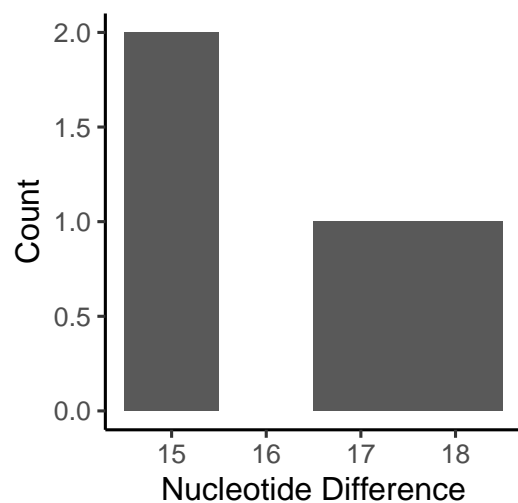
IGHV3-66*01

7 sequences assigned
No exact matches.



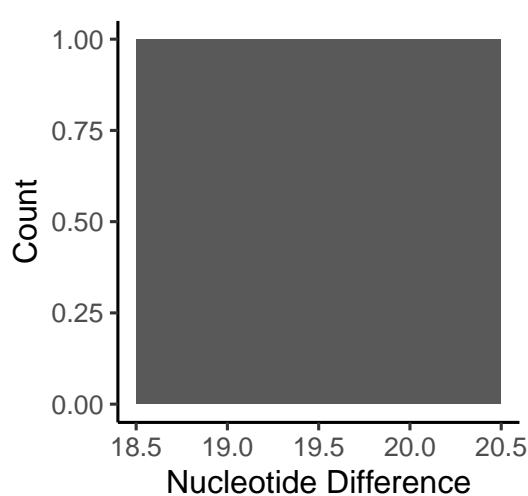
IGHV3-49*04

5 sequences assigned
No exact matches.



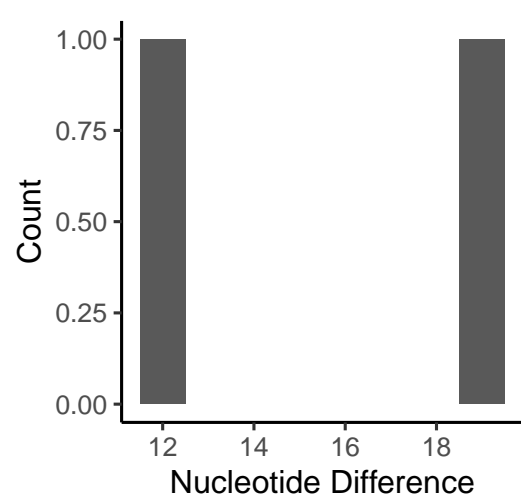
IGHV3-64*04

8 sequences assigned
No exact matches.



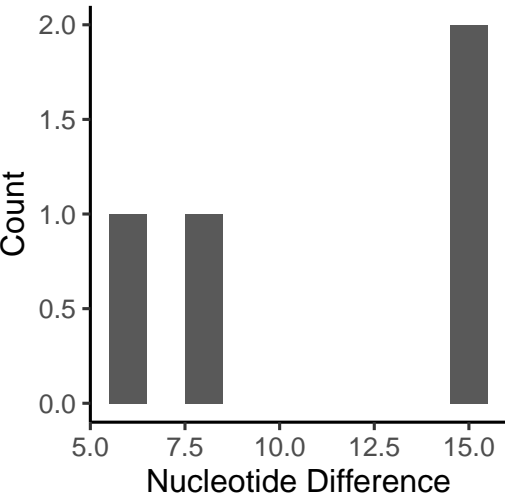
IGHV3-66*02

3 sequences assigned
No exact matches.



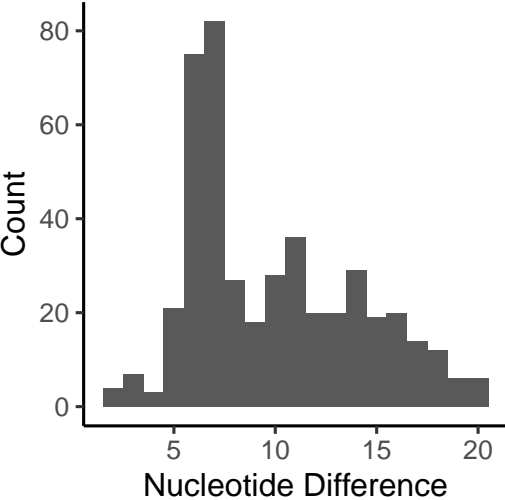
IGHV3-66*03

4 sequences assigned
No exact matches.



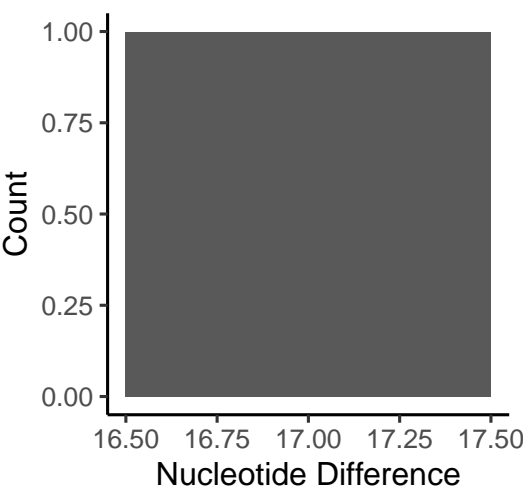
IGHV3-74*01_02

524 sequences assigned
No exact matches.



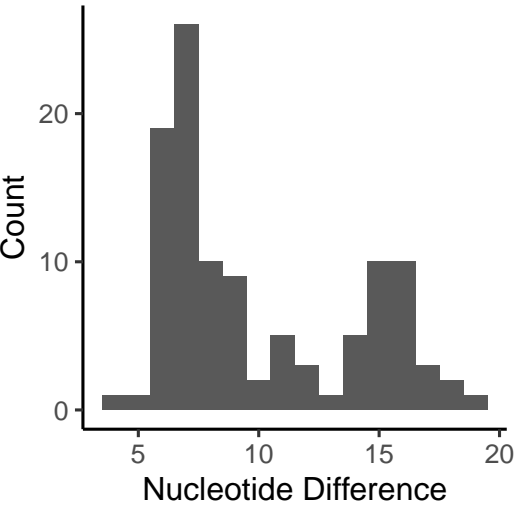
IGHV4-28*03

5 sequences assigned
No exact matches.



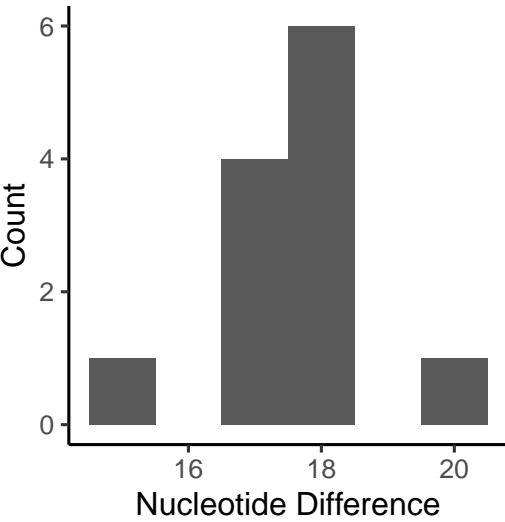
IGHV3-72*01

124 sequences assigned
No exact matches.



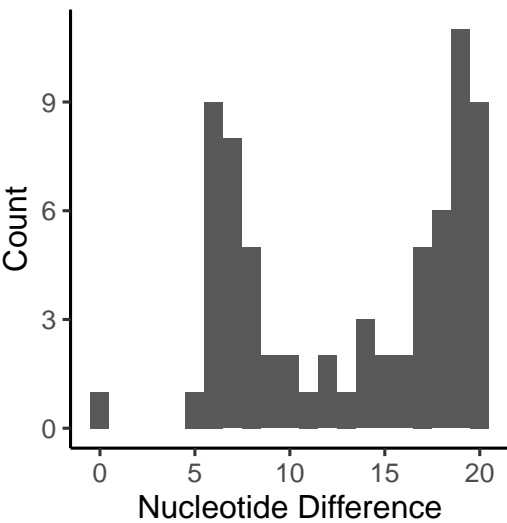
IGHV3-64D*06

18 sequences assigned
No exact matches.



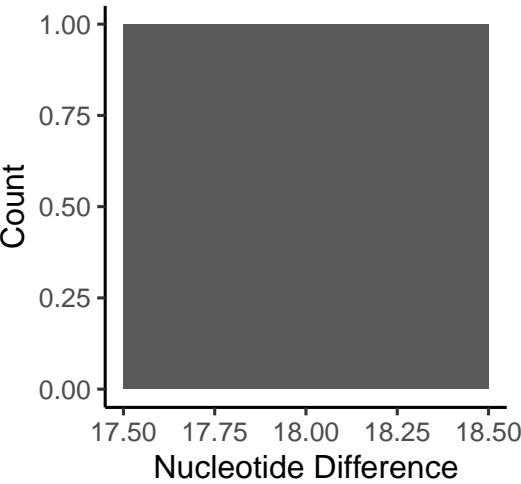
IGHV4-30-4*01

1126 sequences assigned
1 (0.1%) exact matches, in which:
1 unique CDR3
1 unique J



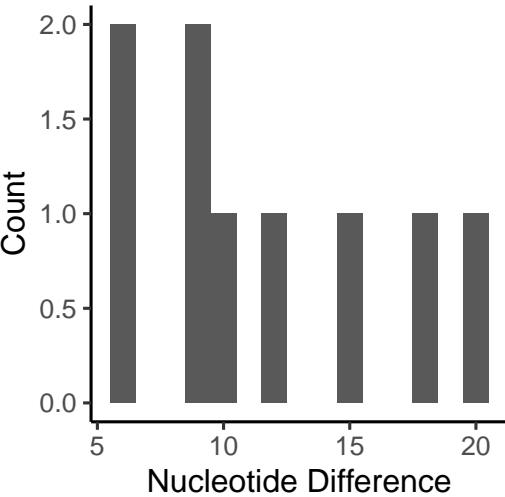
IGHV3-73*01_02

1 sequences assigned
No exact matches.



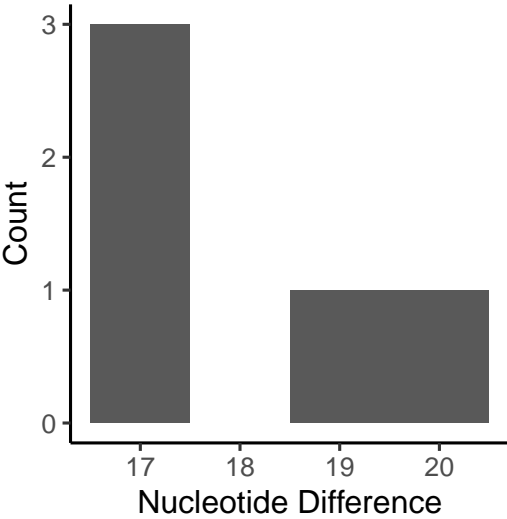
IGHV3-NL1*01

10 sequences assigned
No exact matches.



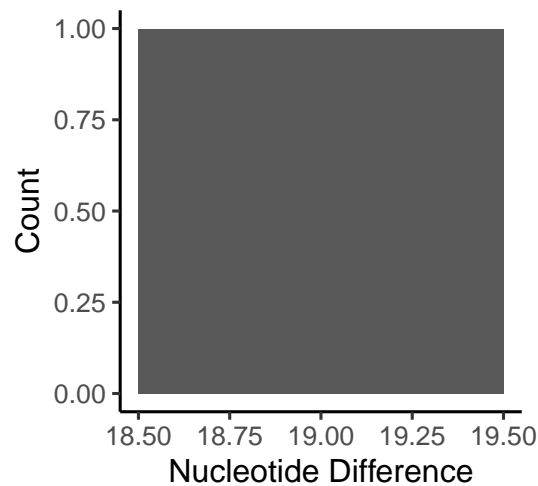
IGHV4-30-2*03

7 sequences assigned
No exact matches.



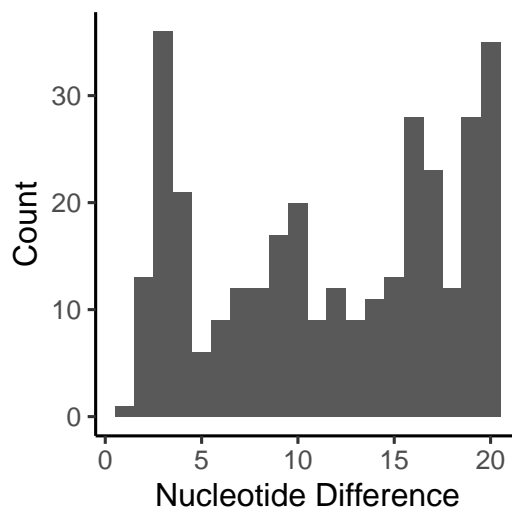
IGHV4-30-2*05

1 sequences assigned
No exact matches.



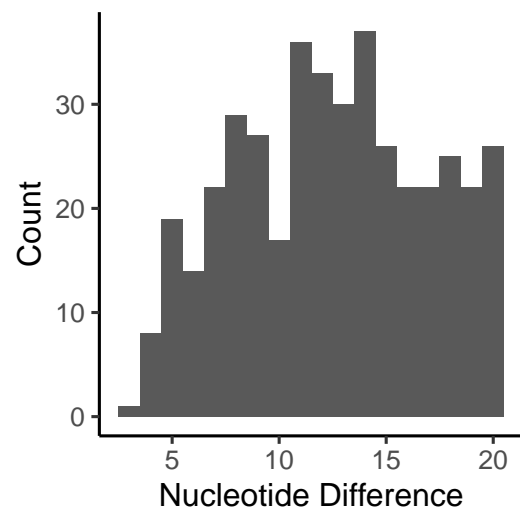
IGHV4-34*01_02

391 sequences assigned
No exact matches.



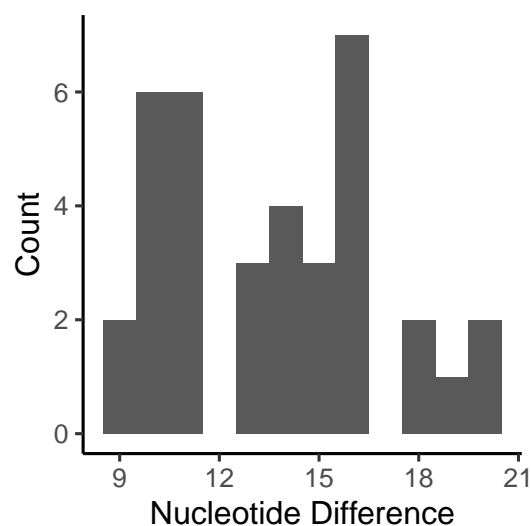
IGHV4-39*07

574 sequences assigned
No exact matches.



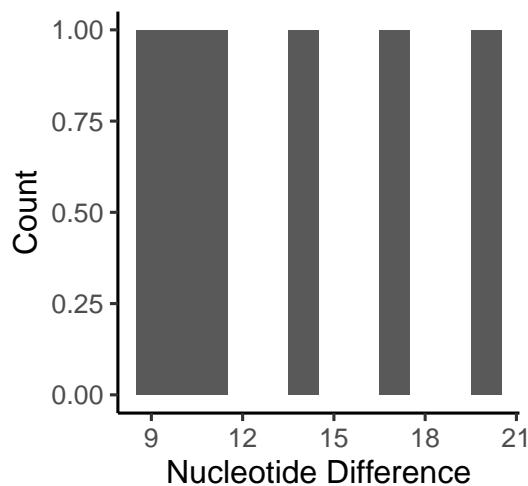
IGHV4-30-4*08

190 sequences assigned
No exact matches.



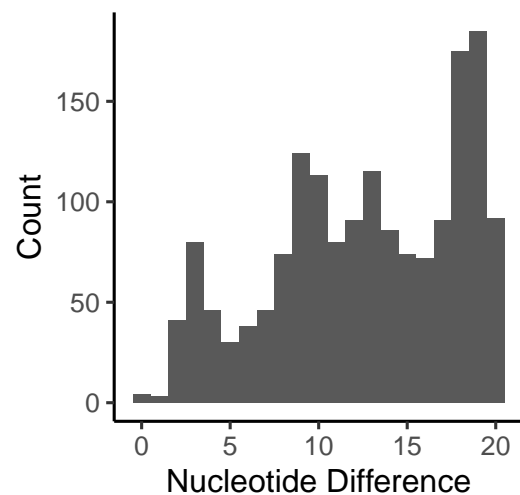
IGHV4-38-2*01

6 sequences assigned
No exact matches.



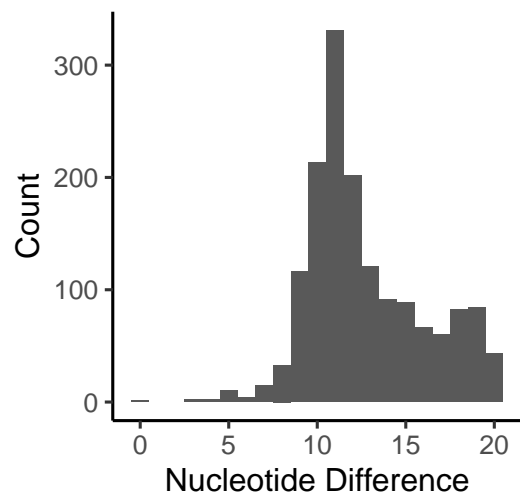
IGHV4-39*01_05

2172 sequences assigned
4 (0.2%) exact matches, in which:
4 unique CDR3
2 unique J



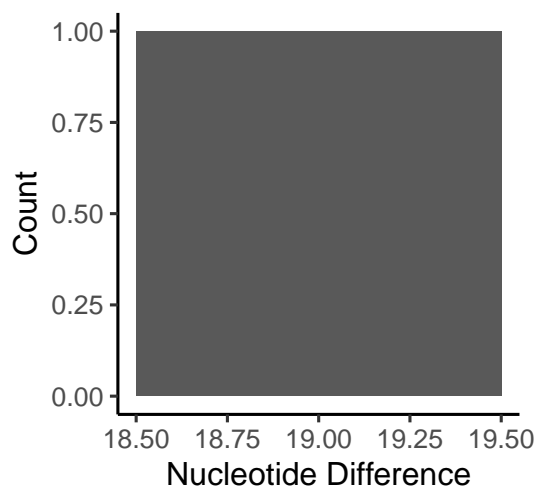
IGHV4-31*03_04

1940 sequences assigned
1 (0.1%) exact matches, in which:
1 unique CDR3
1 unique J



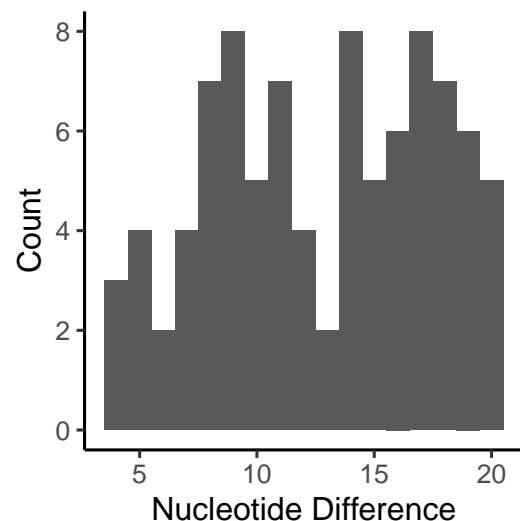
IGHV4-38-2*02

3 sequences assigned
No exact matches.



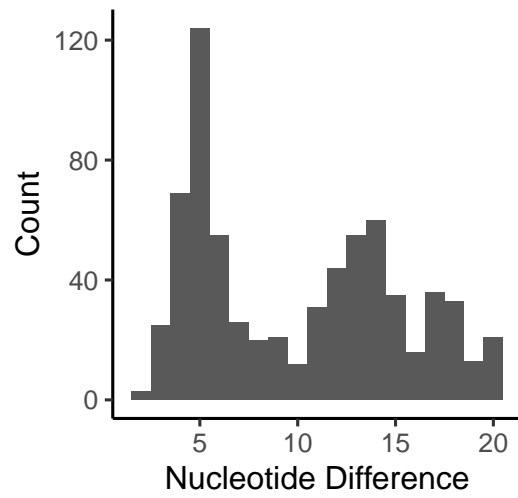
IGHV4-59*08

147 sequences assigned
No exact matches.



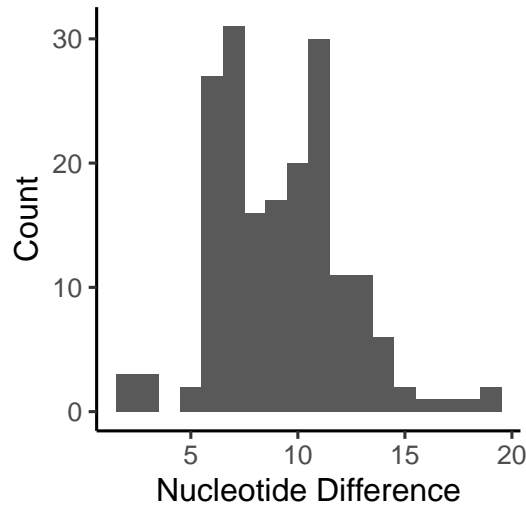
IGHV4-59*01_07

950 sequences assigned
No exact matches.



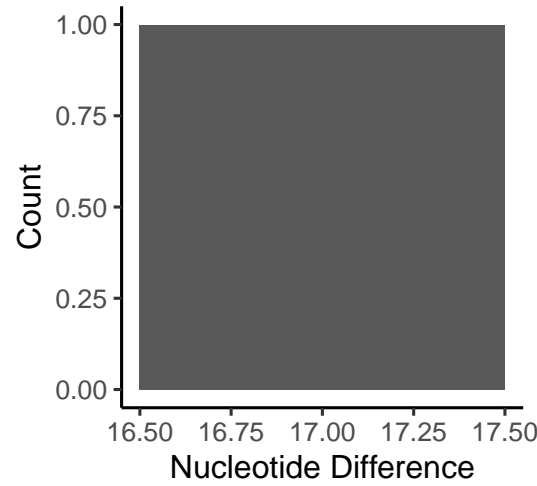
IGHV5-10-1*01_03

199 sequences assigned
No exact matches.



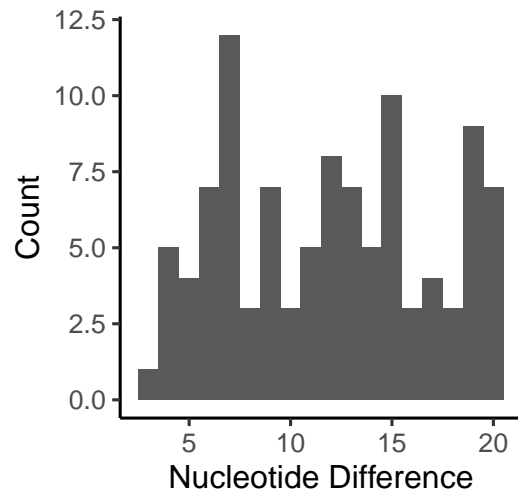
IGHV7-4-1*01

1 sequences assigned
No exact matches.



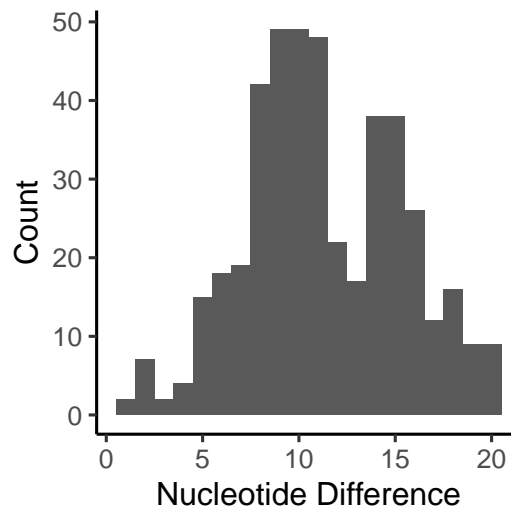
IGHV4-59*12

133 sequences assigned
No exact matches.



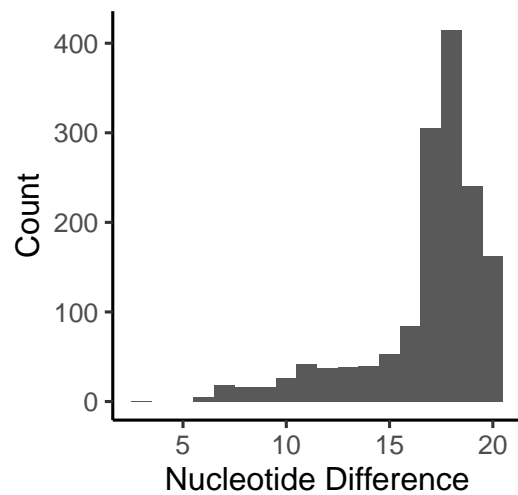
IGHV5-51*01_03

600 sequences assigned
No exact matches.



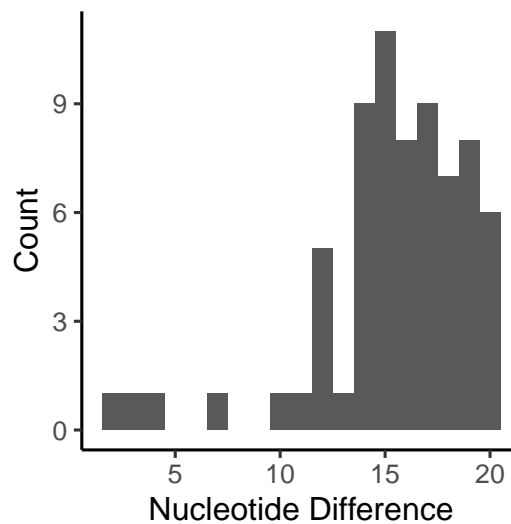
IGHV4-61*01

2007 sequences assigned
No exact matches.



IGHV6-1*01_02

96 sequences assigned
No exact matches.





Warning – no inferred sequences found.

Warning – no inferred sequences found.