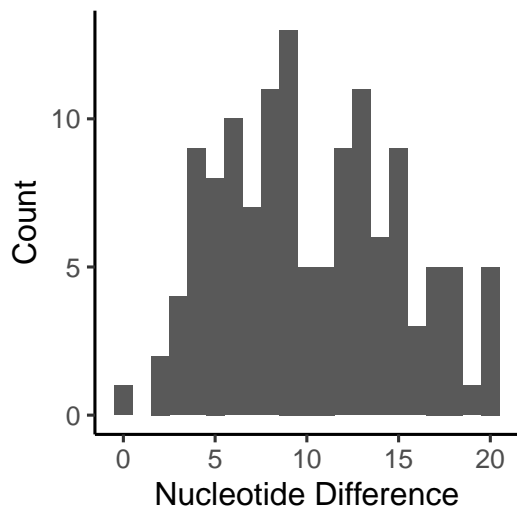


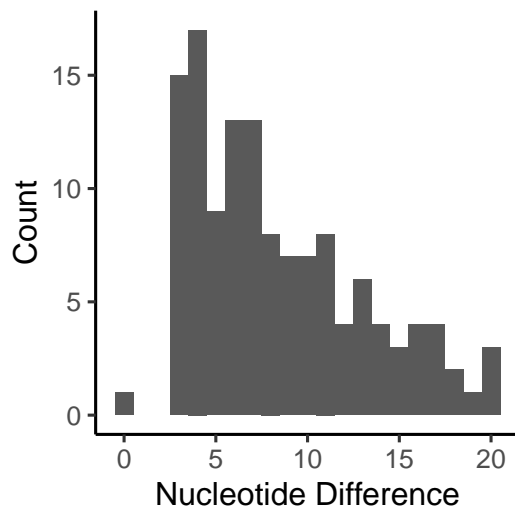
IGHV1-2*02

148 sequences assigned
1 (0.7%) exact matches, in which:
1 unique CDR3
1 unique J



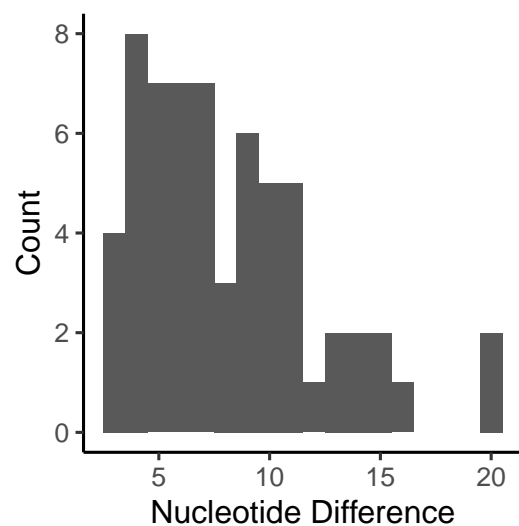
IGHV1-18*01

143 sequences assigned
1 (0.7%) exact matches, in which:
1 unique CDR3
1 unique J



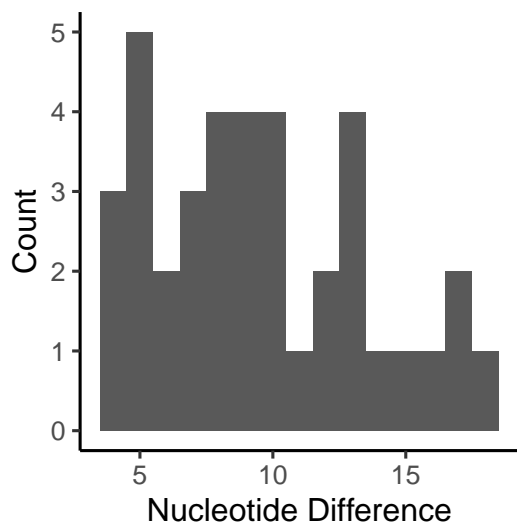
IGHV1-46*01

72 sequences assigned
No exact matches.



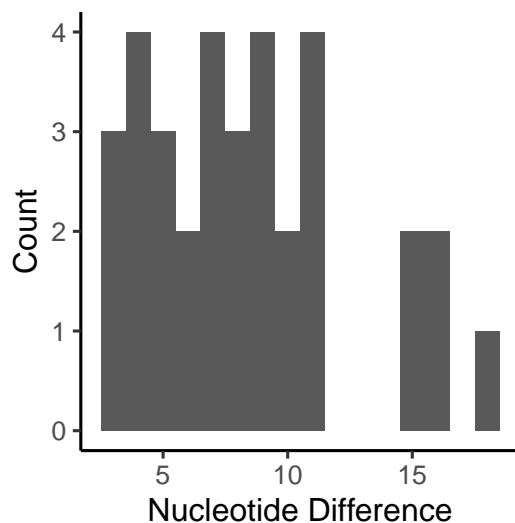
IGHV1-3*01_05

45 sequences assigned
No exact matches.



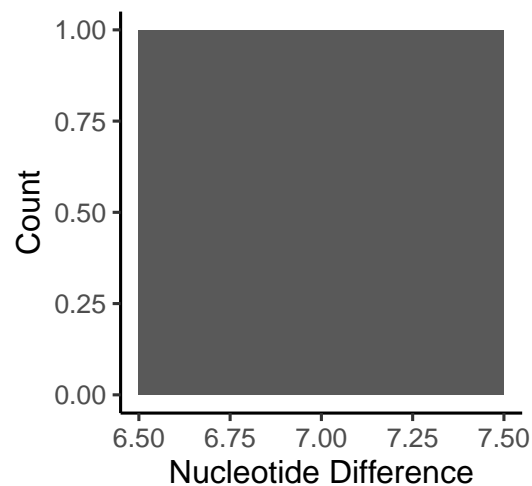
IGHV1-18*04

38 sequences assigned
No exact matches.



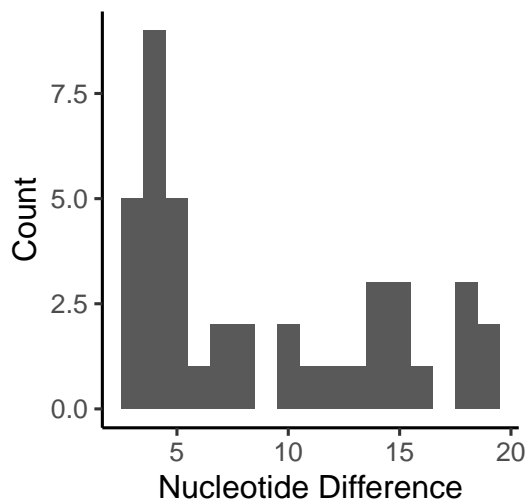
IGHV1-58*02

1 sequences assigned
No exact matches.



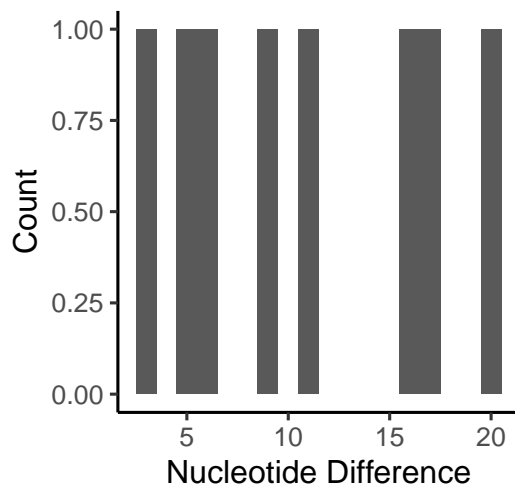
IGHV1-8*01

44 sequences assigned
No exact matches.



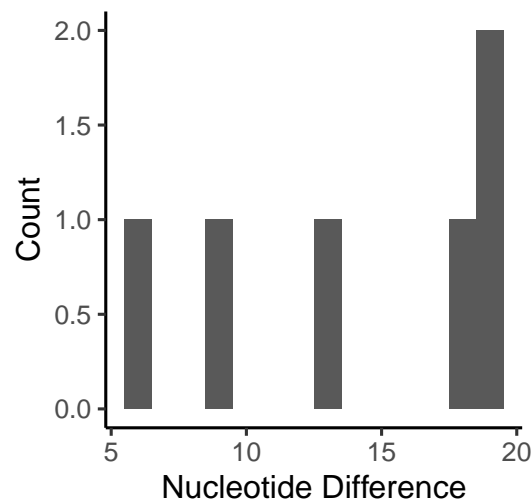
IGHV1-24*01

11 sequences assigned
No exact matches.



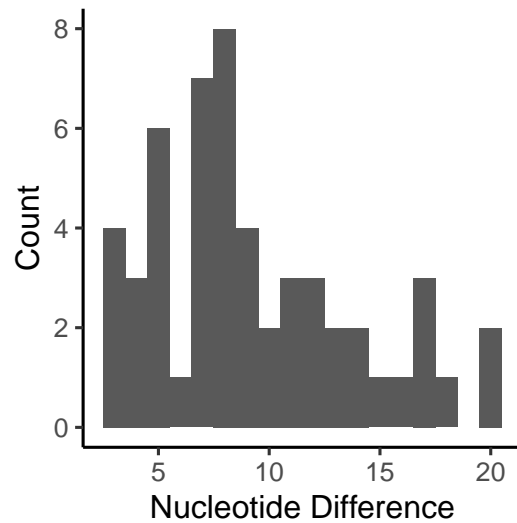
IGHV1-58*01_03

7 sequences assigned
No exact matches.



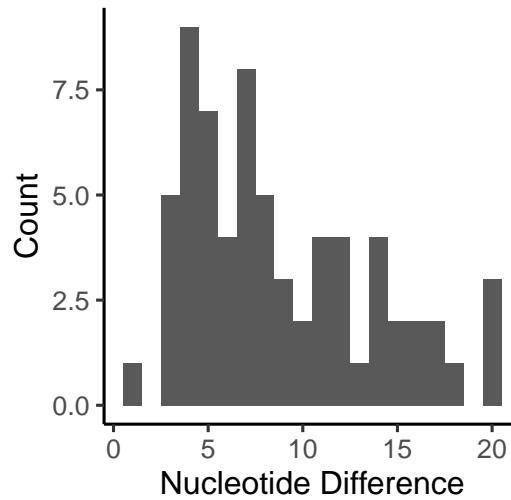
IGHV1-69*01_12_13

60 sequences assigned
No exact matches.



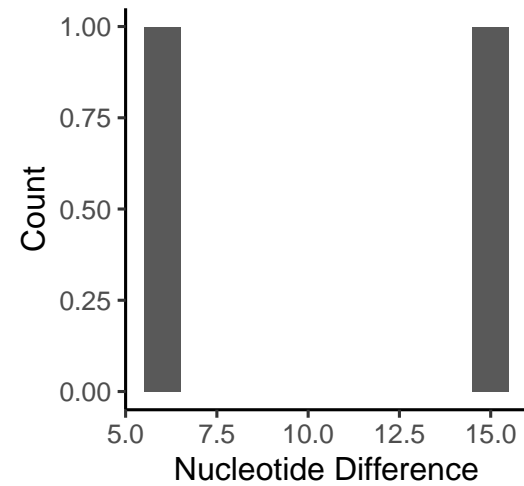
IGHV2-5*02

74 sequences assigned
No exact matches.



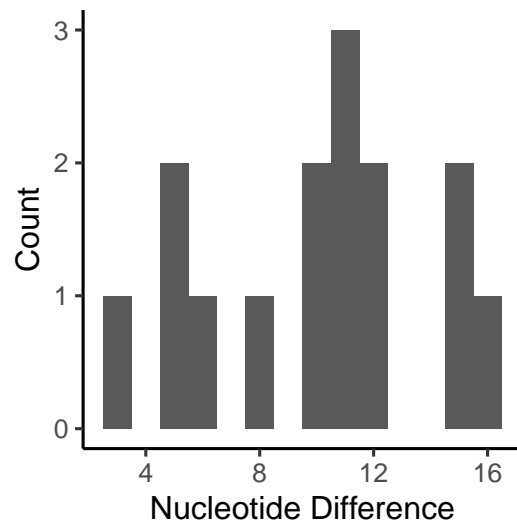
IGHV2-70*20

2 sequences assigned
No exact matches.



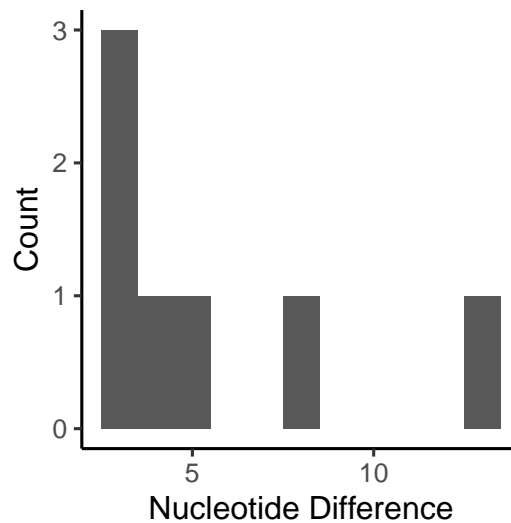
IGHV1-69*06_14

16 sequences assigned
No exact matches.



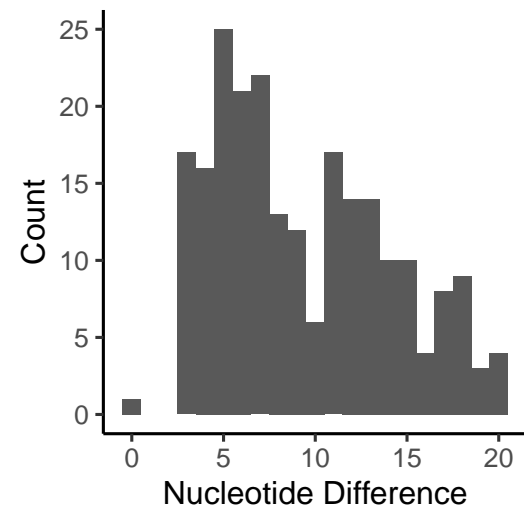
IGHV2-26*01

7 sequences assigned
No exact matches.



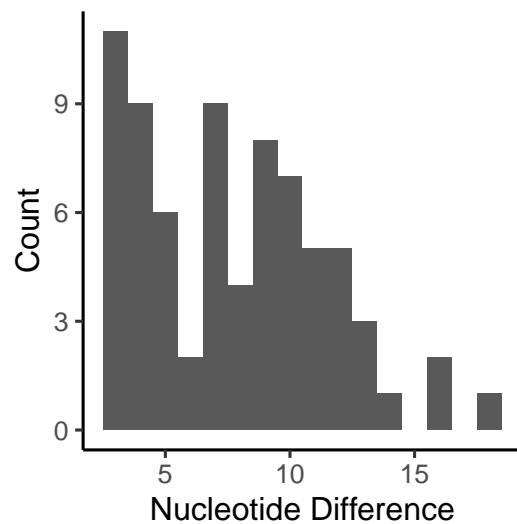
IGHV3-7*01

239 sequences assigned
1 (0.4%) exact matches, in which:
1 unique CDR3
1 unique J



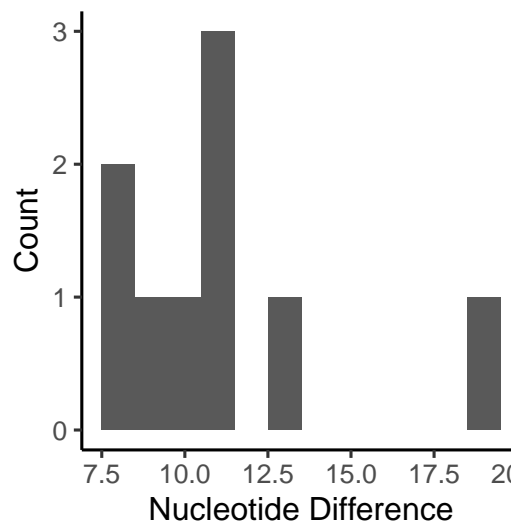
IGHV2-5*01

78 sequences assigned
No exact matches.



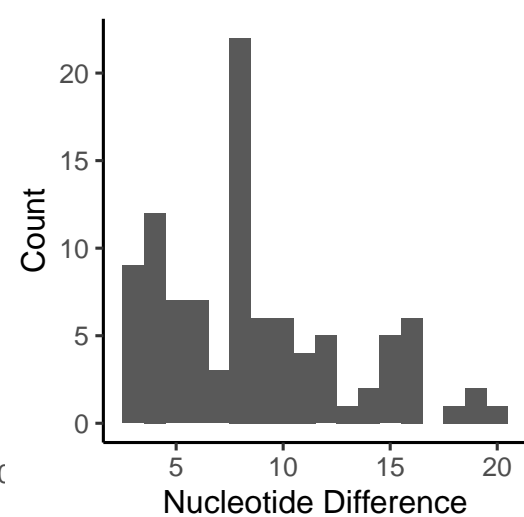
IGHV2-70*01

9 sequences assigned
No exact matches.



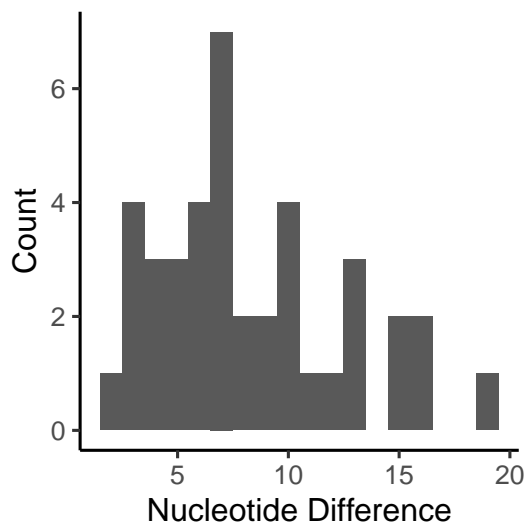
IGHV3-7*04

108 sequences assigned
No exact matches.



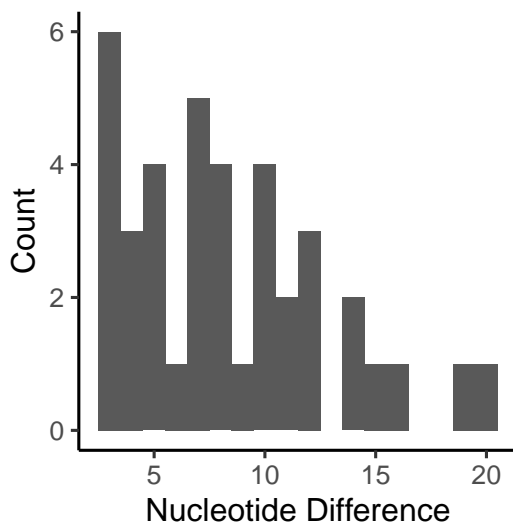
IGHV3-9*01

43 sequences assigned
No exact matches.



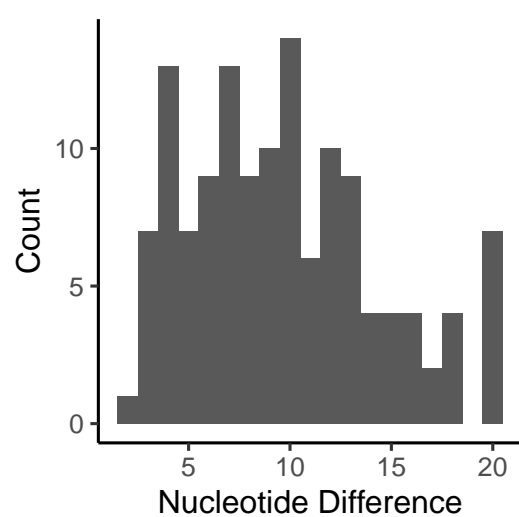
IGHV3-11*03_05

42 sequences assigned
No exact matches.



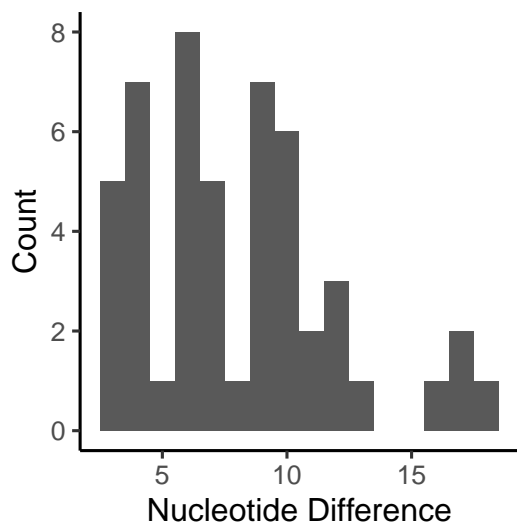
IGHV3-15*01_02

159 sequences assigned
No exact matches.



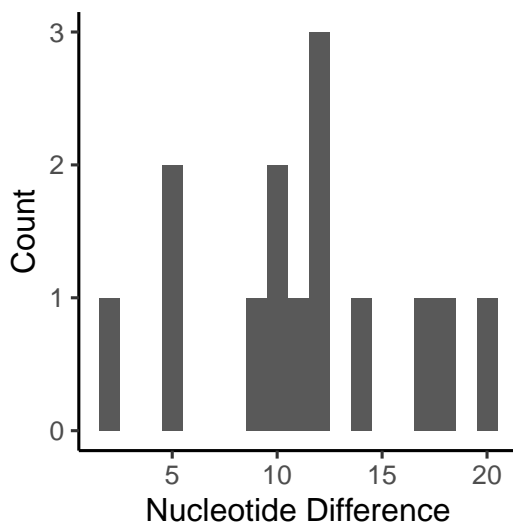
IGHV3-11*01

59 sequences assigned
No exact matches.



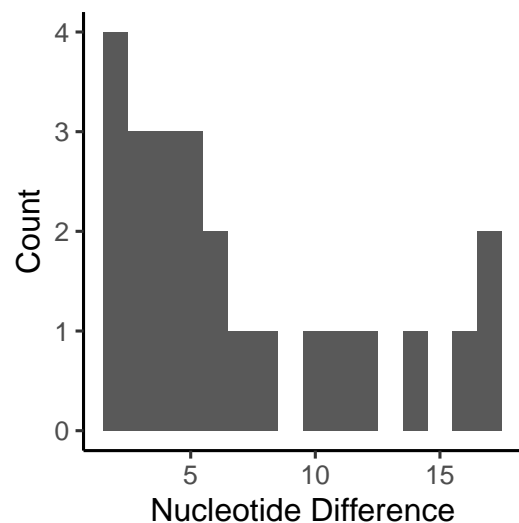
IGHV3-13*01

18 sequences assigned
No exact matches.



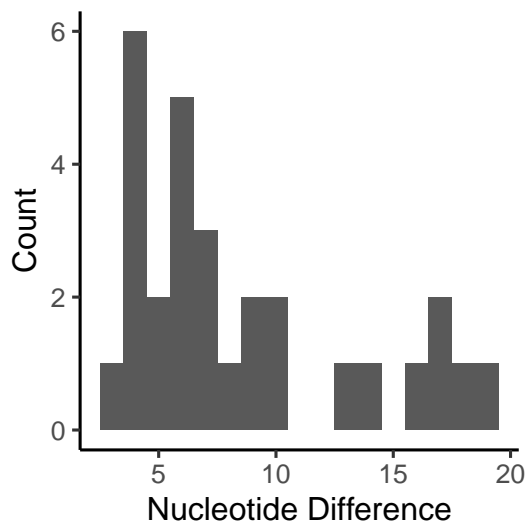
IGHV3-20*03_04

28 sequences assigned
No exact matches.



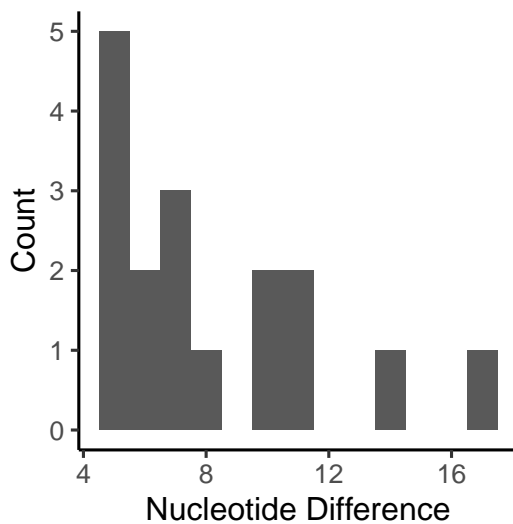
IGHV3-11*06

31 sequences assigned
No exact matches.



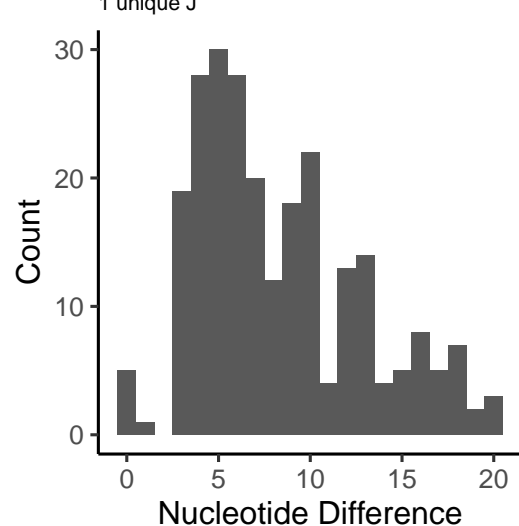
IGHV3-13*04

18 sequences assigned
No exact matches.



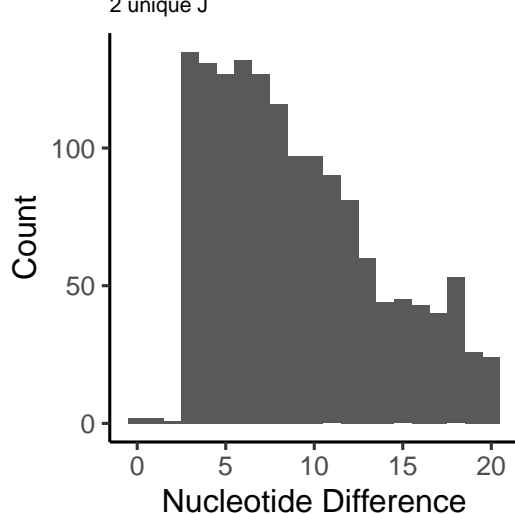
IGHV3-21*01_02

276 sequences assigned
5 (1.8%) exact matches, in which:
5 unique CDR3
1 unique J



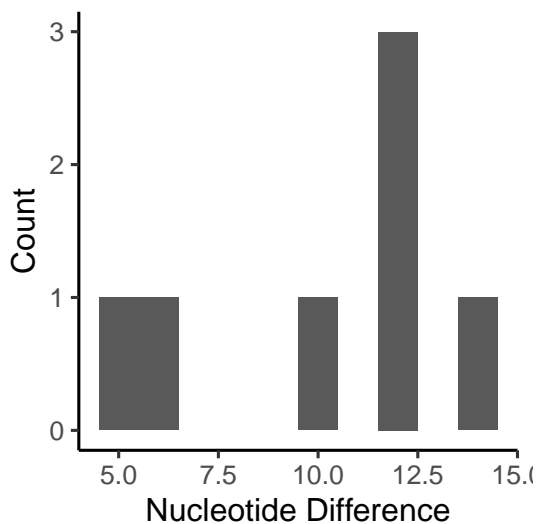
IGHV3-23*01_04

1554 sequences assigned
2 (0.1%) exact matches, in which:
2 unique CDR3
2 unique J



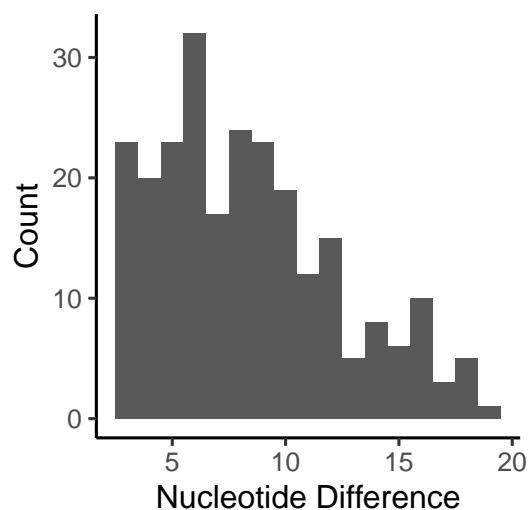
IGHV3-30*04

9 sequences assigned
No exact matches.



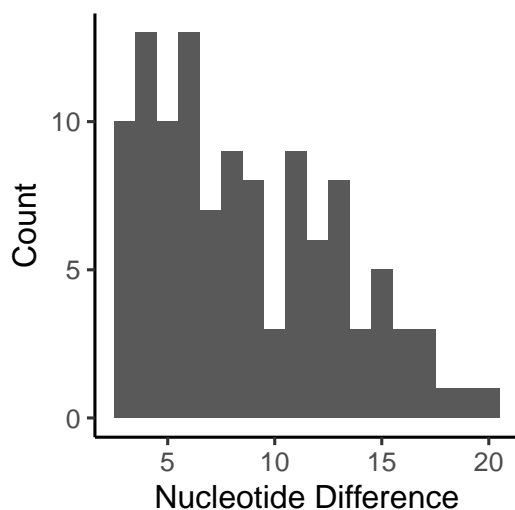
IGHV3-48*02

262 sequences assigned
No exact matches.



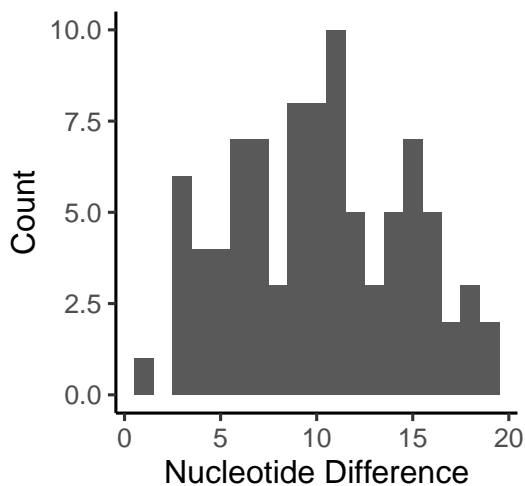
IGHV3-30-3*01

133 sequences assigned
No exact matches.



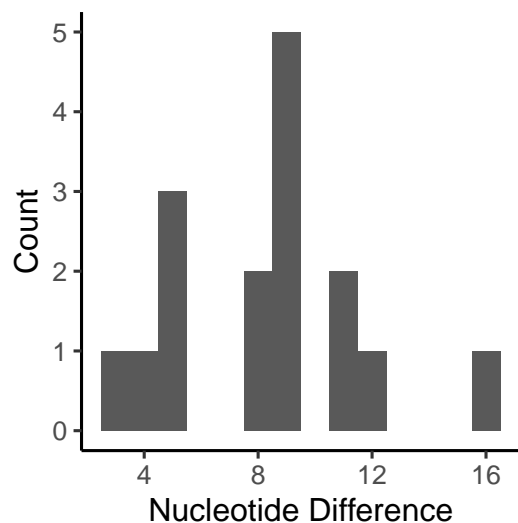
IGHV3-33*01

98 sequences assigned
No exact matches.



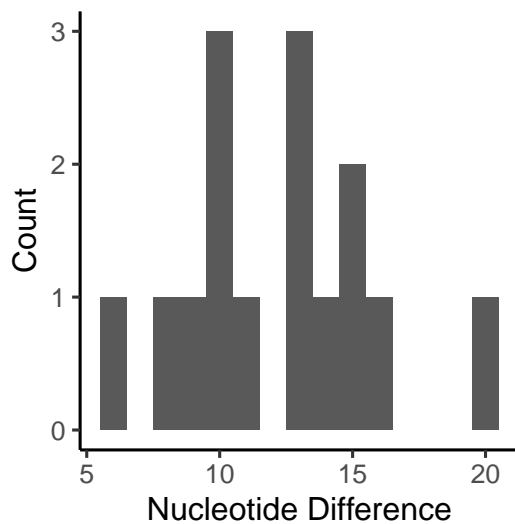
IGHV3-49*03_05

20 sequences assigned
No exact matches.



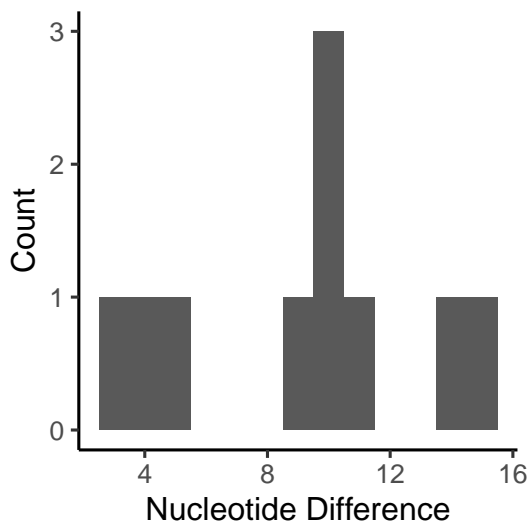
IGHV3-30*03

20 sequences assigned
No exact matches.



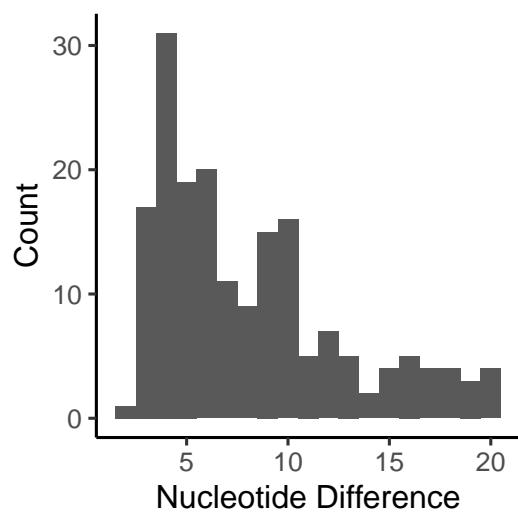
IGHV3-43*01

11 sequences assigned
No exact matches.



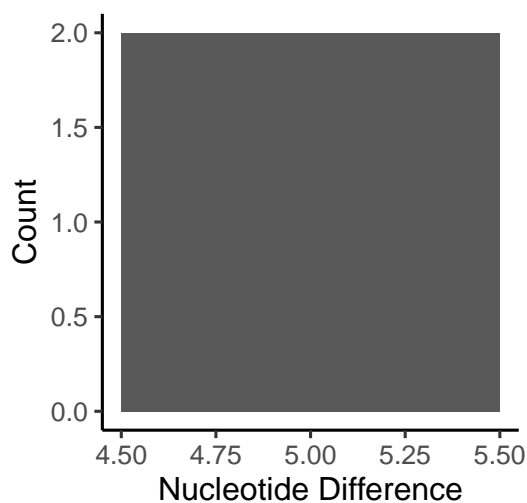
IGHV3-53*01_02

189 sequences assigned
No exact matches.



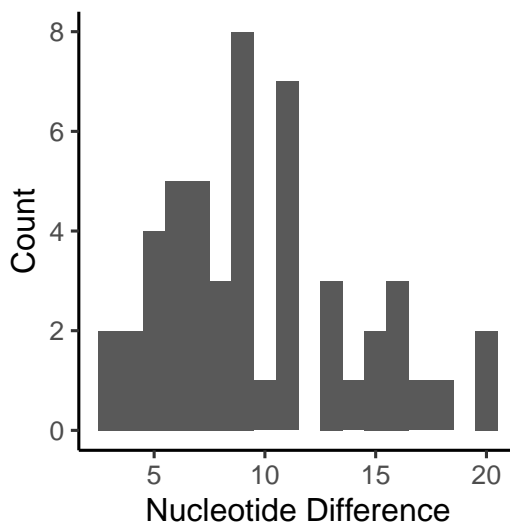
IGHV3-64*02_07

2 sequences assigned
No exact matches.



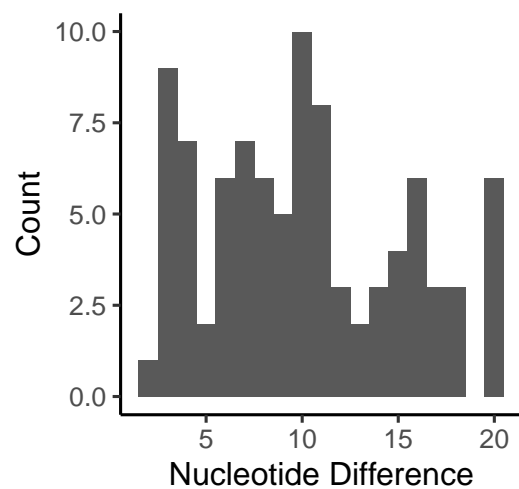
IGHV3-74*03

53 sequences assigned
No exact matches.



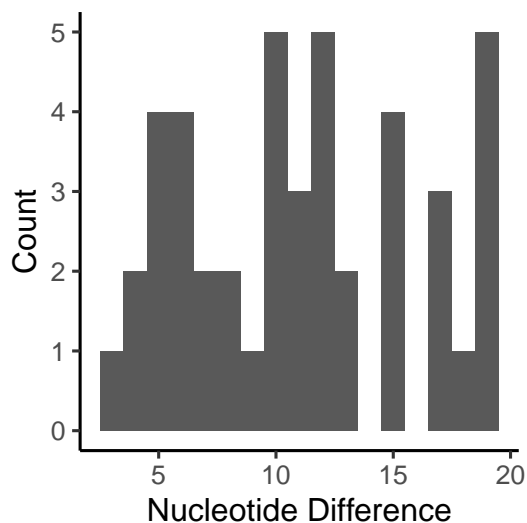
IGHV4-4*02_03

107 sequences assigned
No exact matches.



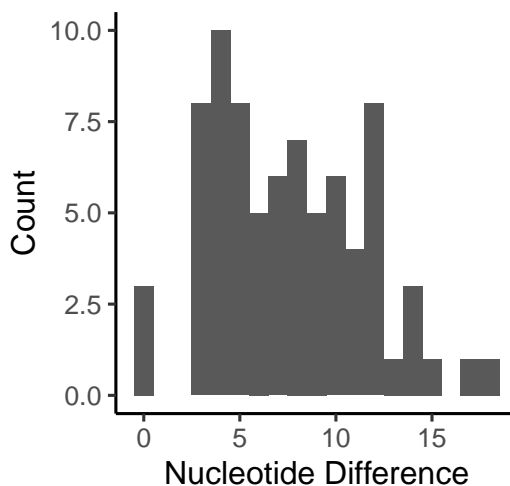
IGHV3-72*01

58 sequences assigned
No exact matches.



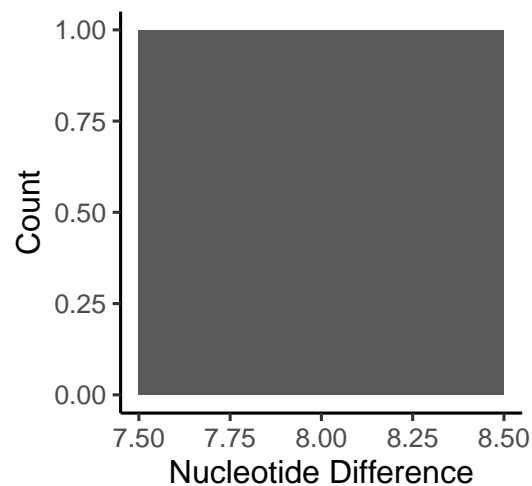
IGHV3-74*01_02

82 sequences assigned
3 (3.7%) exact matches, in which:
2 unique CDR3
2 unique J



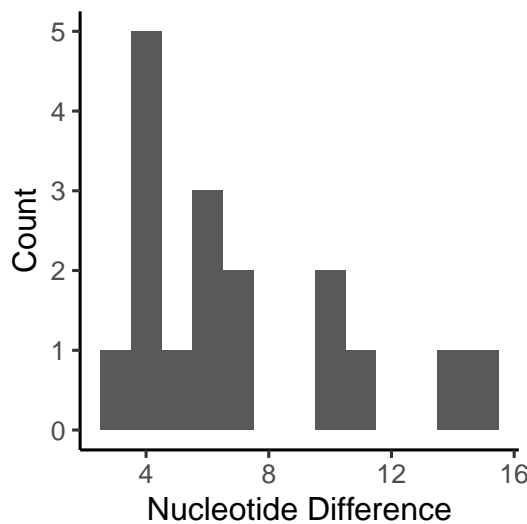
IGHV4-28*01_07

1 sequences assigned
No exact matches.



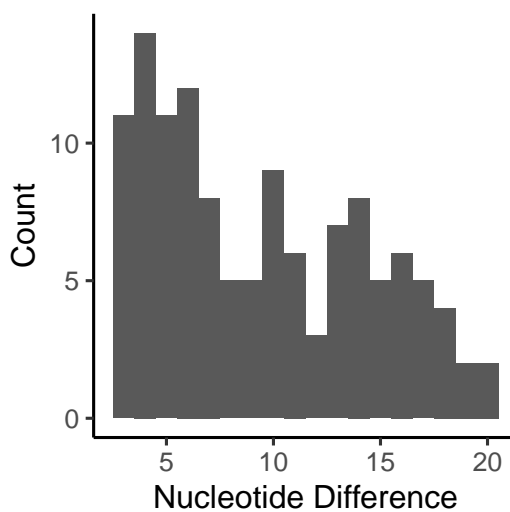
IGHV3-73*01_02

17 sequences assigned
No exact matches.



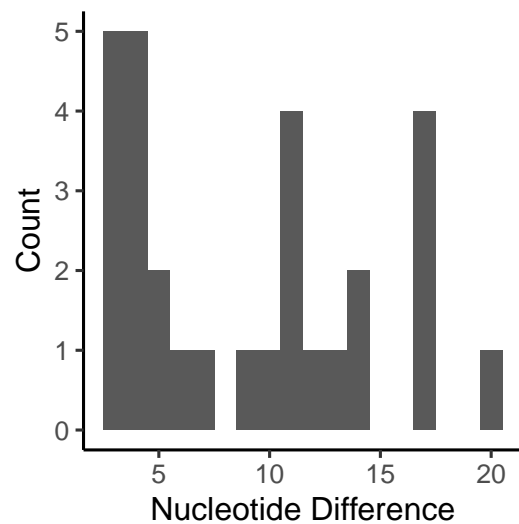
IGHV3-64D*06

134 sequences assigned
No exact matches.



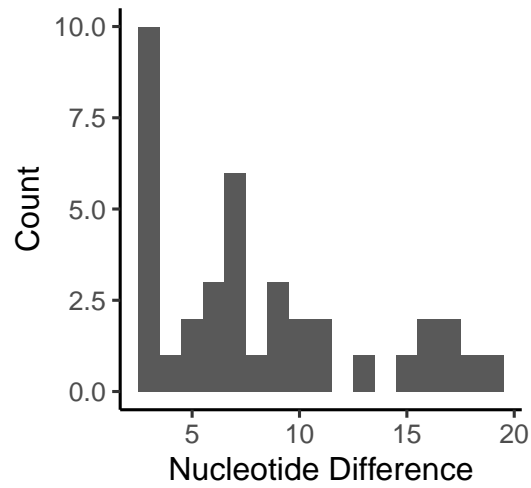
IGHV4-30-2*01

46 sequences assigned
No exact matches.



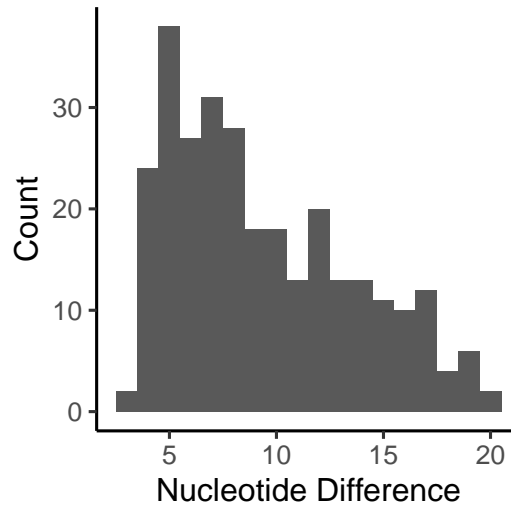
IGHV4-30-4*01

47 sequences assigned
No exact matches.



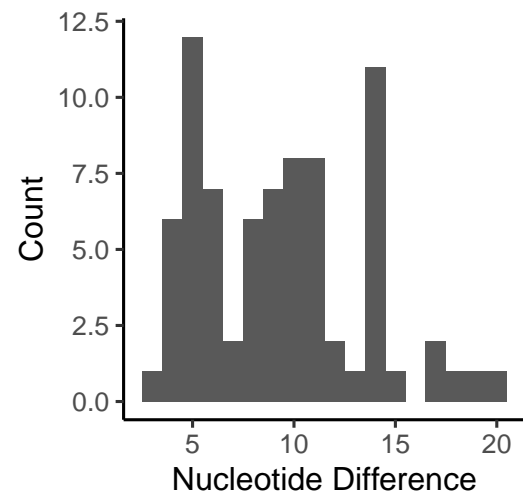
IGHV4-39*02

306 sequences assigned
No exact matches.



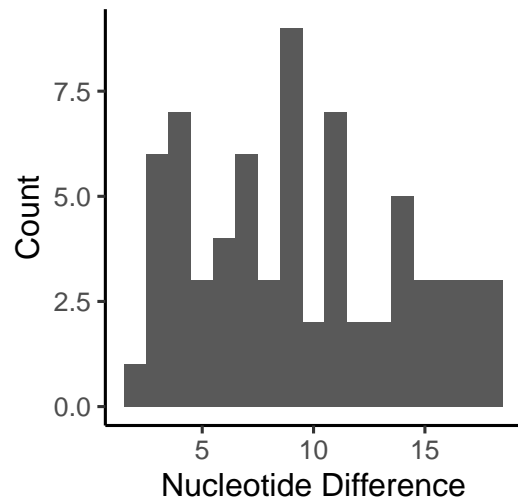
IGHV4-59*11

90 sequences assigned
No exact matches.



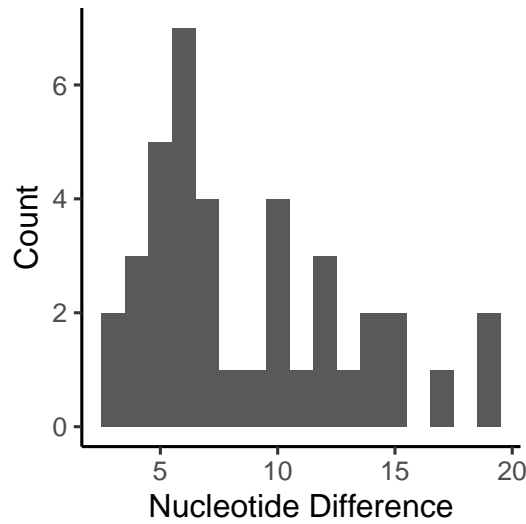
IGHV4-31*02

92 sequences assigned
No exact matches.



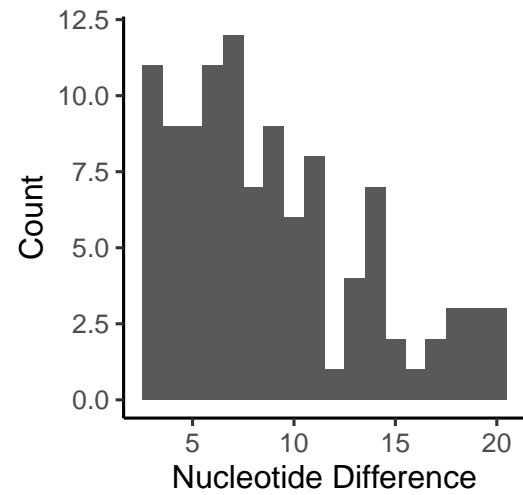
IGHV4-39*01_05

43 sequences assigned
No exact matches.



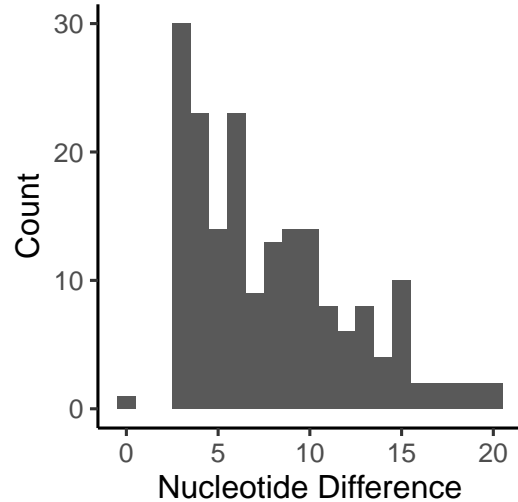
IGHV4-61*01

118 sequences assigned
No exact matches.



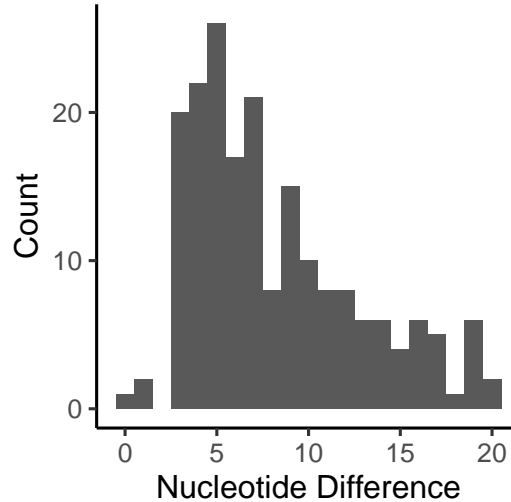
IGHV4-34*01_02

195 sequences assigned
1 (0.5%) exact matches, in which:
1 unique CDR3
1 unique J



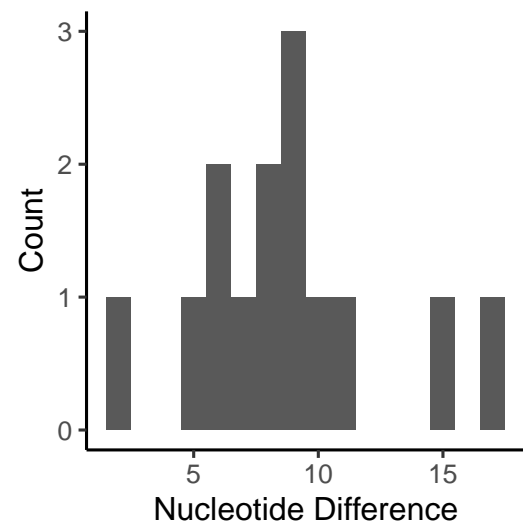
IGHV4-59*01_07

213 sequences assigned
1 (0.5%) exact matches, in which:
1 unique CDR3
1 unique J



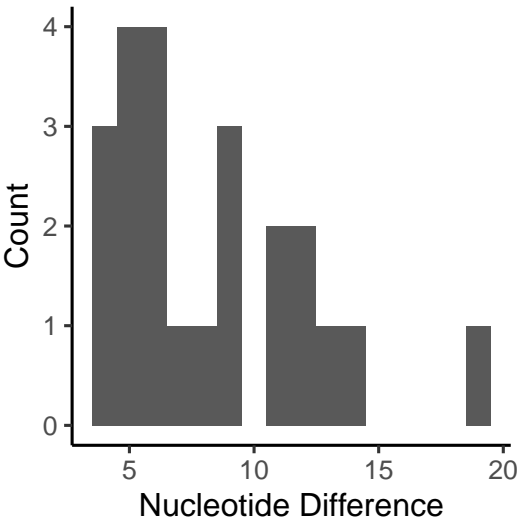
IGHV5-10-1*01_03

16 sequences assigned
No exact matches.



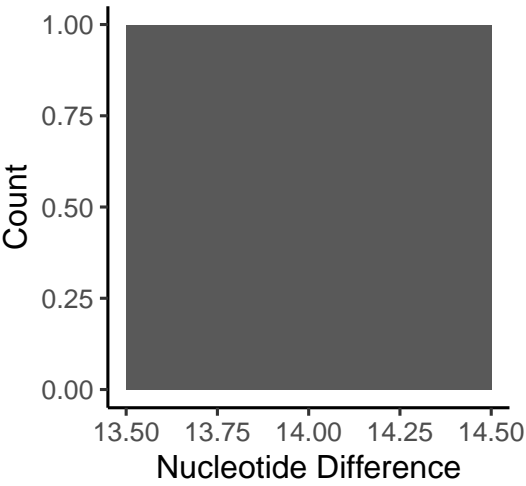
IGHV5-51*07

24 sequences assigned
No exact matches.



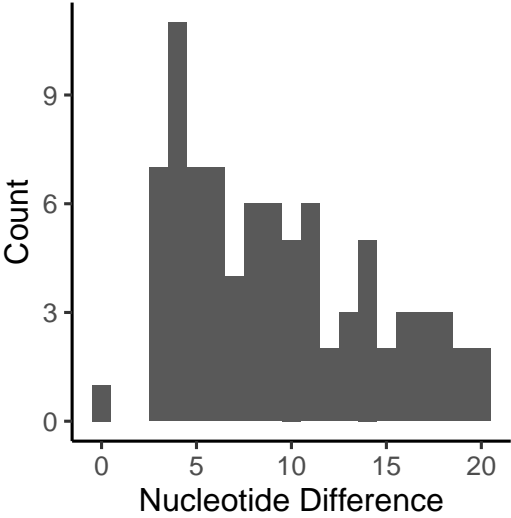
IGHV7-4-1*01

1 sequences assigned
No exact matches.



IGHV5-51*01_03

88 sequences assigned
1 (1.1%) exact matches, in which:
1 unique CDR3
1 unique J



IGHV6-1*01_02

151 sequences assigned
No exact matches.

