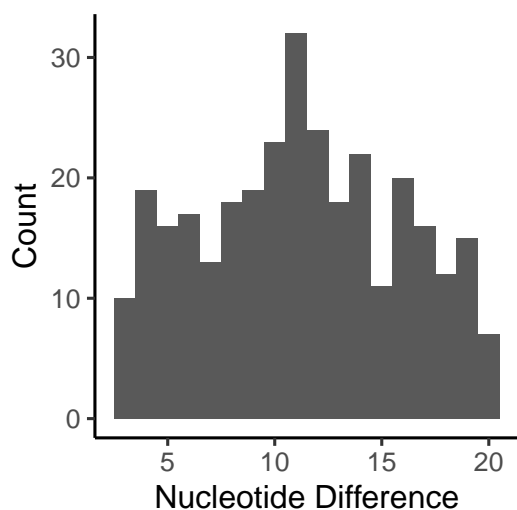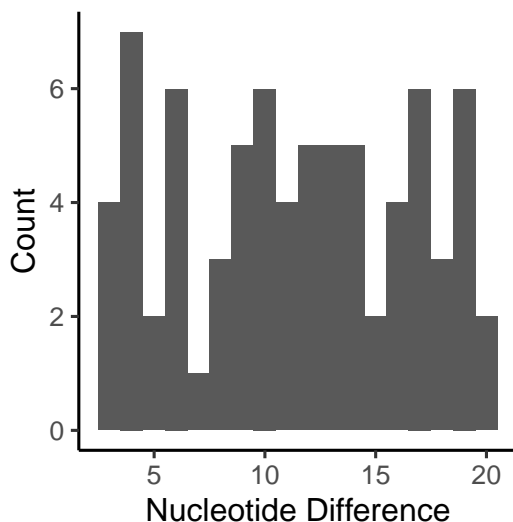## IGHV1−2*02

352 sequences assigned
No exact matches.
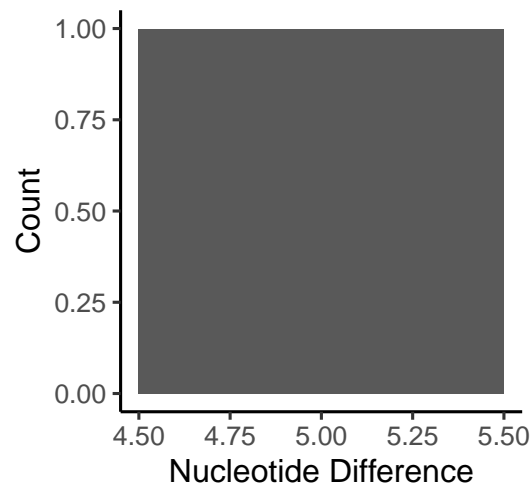
IGHV1−18*01

100 sequences assigned
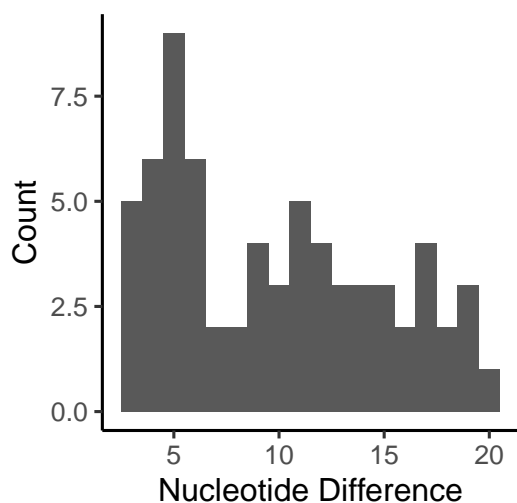No exact matches.

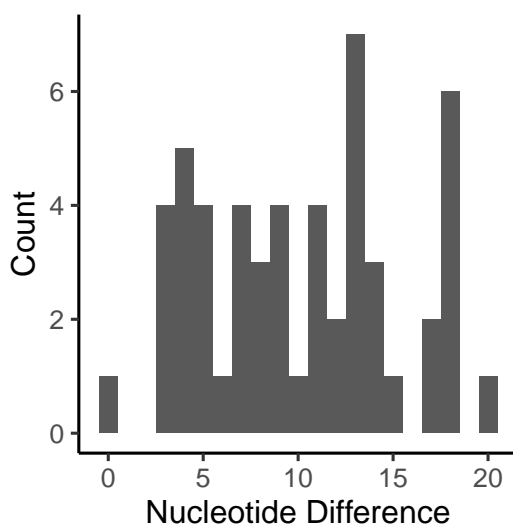## IGHV1−45*02

1 sequences assigned
No exact matches.

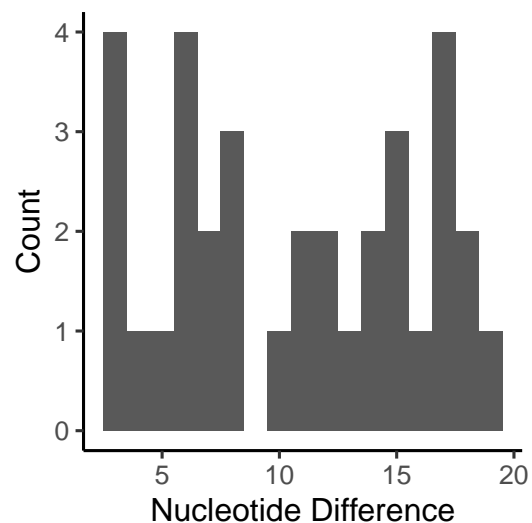## IGHV1−3*01_05

79 sequences assigned
No exact matches.

IGHV1−18*04

66 sequences assigned
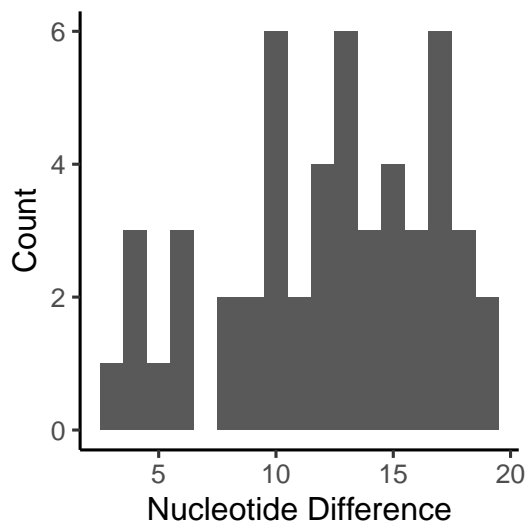1 (1.5%) exact matches, in which:
1 unique CDR3
1 unique J
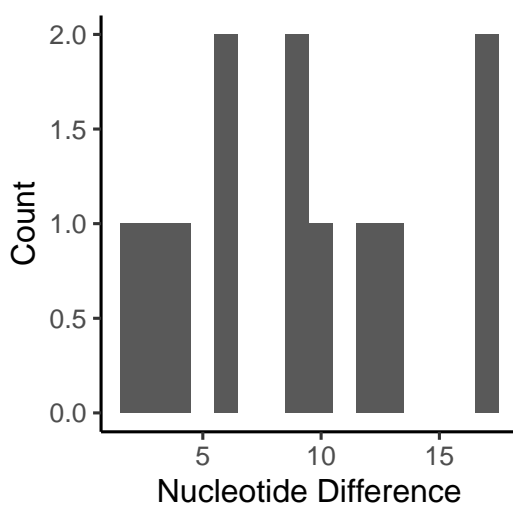
IGHV1−46*01

43 sequences assigned
No exact matches.

IGHV1−8*03
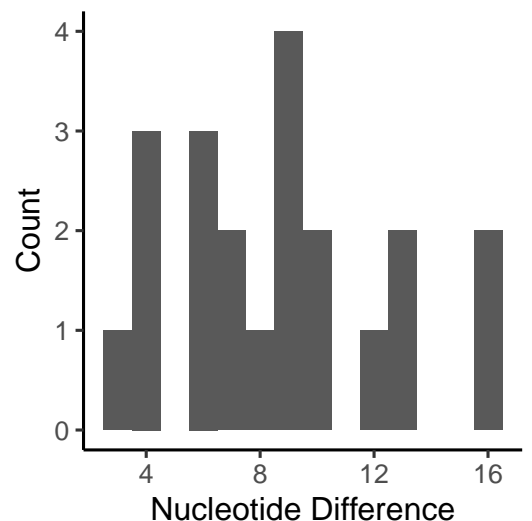
73 sequences assigned
No exact matches.

IGHV1−24*01
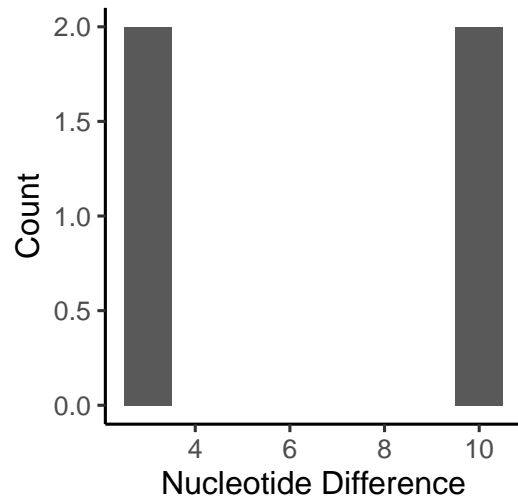
17 sequences assigned
No exact matches.

IGHV1−46*03

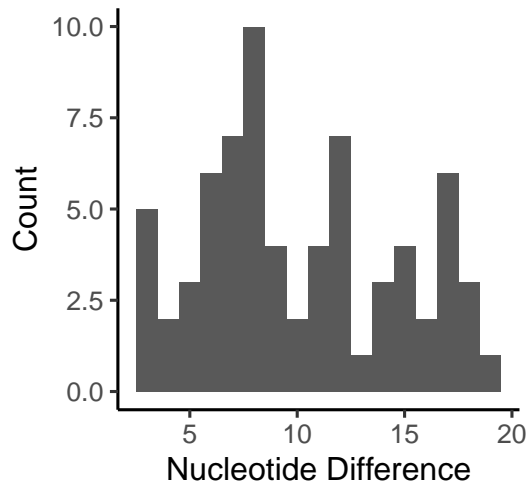24 sequences assigned
No exact matches.

IGHV1−58*02

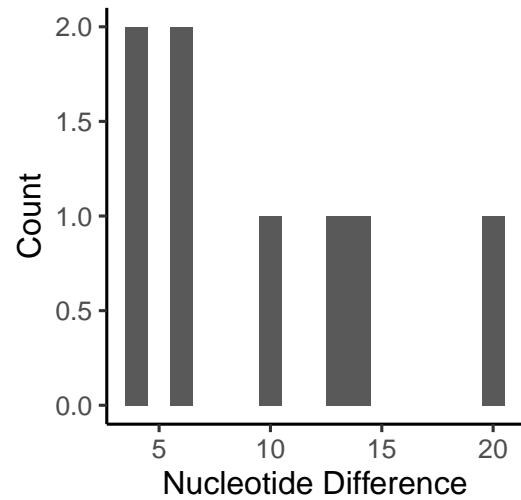4 sequences assigned
No exact matches.
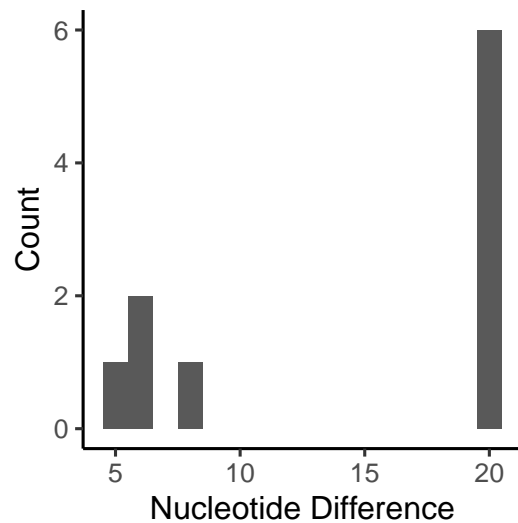
IGHV2−5*01

75 sequences assigned
No exact matches.

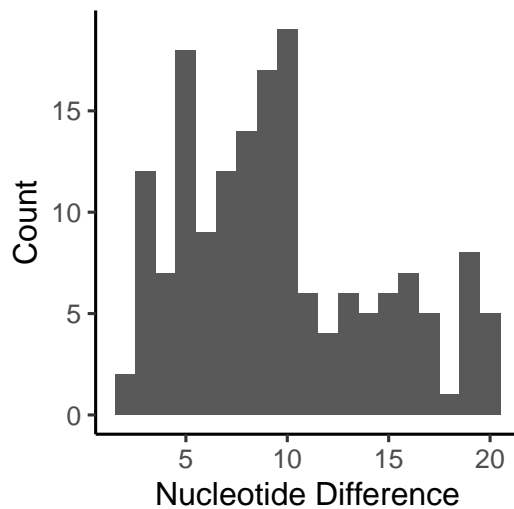# IGHV2−70*01

11 sequences assigned
No exact matches.

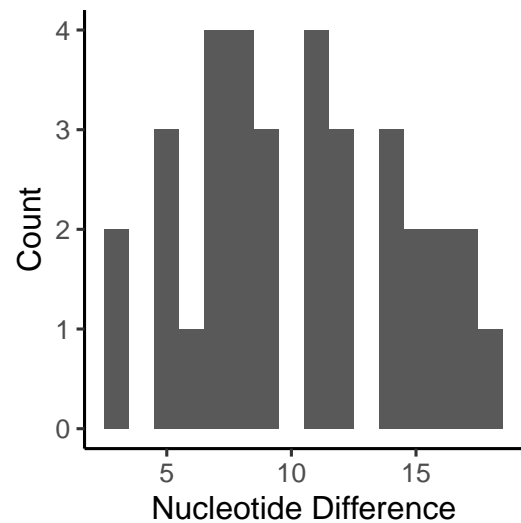# IGHV1−58*01_03

13 sequences assigned
No exact matches.

IGHV2−5*02

197 sequences assigned
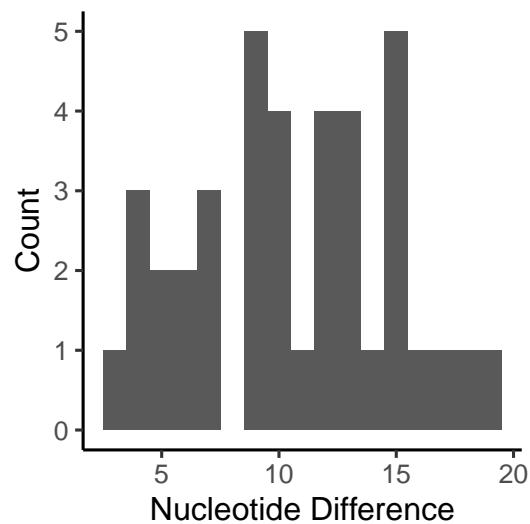No exact matches.

IGHV2−70*11_15
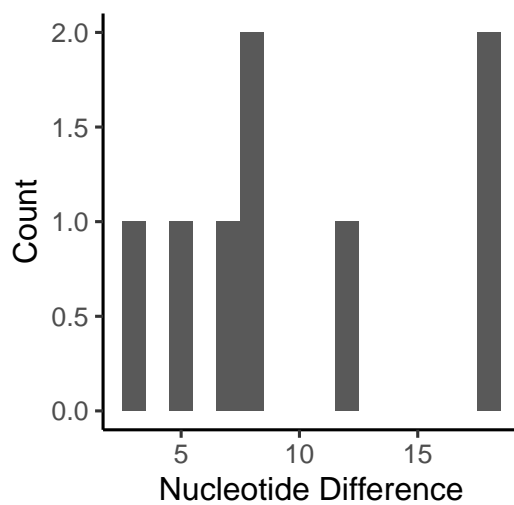
37 sequences assigned
No exact matches.

IGHV1−69*01_12_13
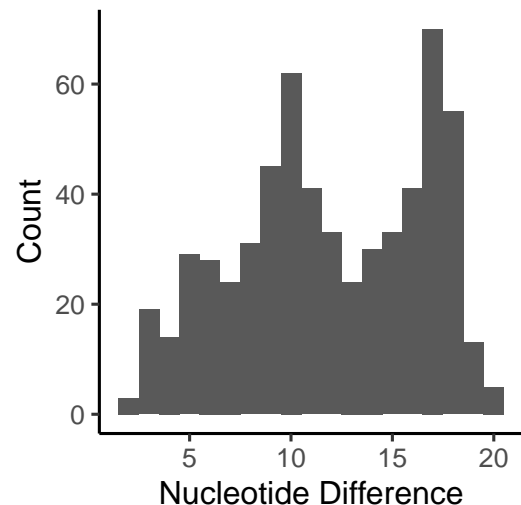
65 sequences assigned
No exact matches.

IGHV2−26*01
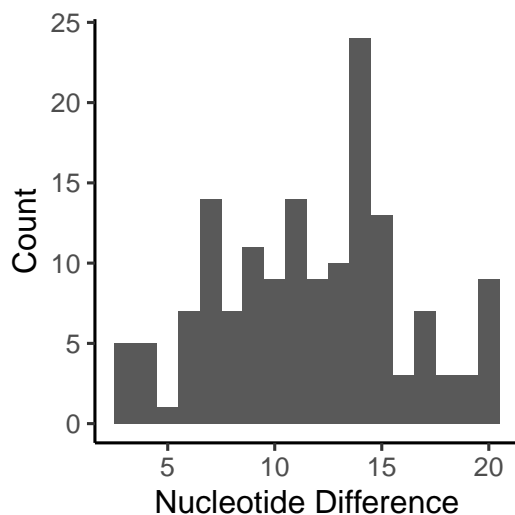
8 sequences assigned
No exact matches.

IGHV3−7*01

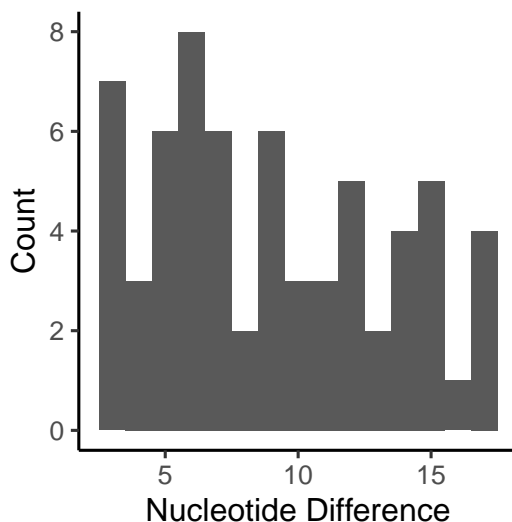683 sequences assigned
No exact matches.

IGHV3-7*04

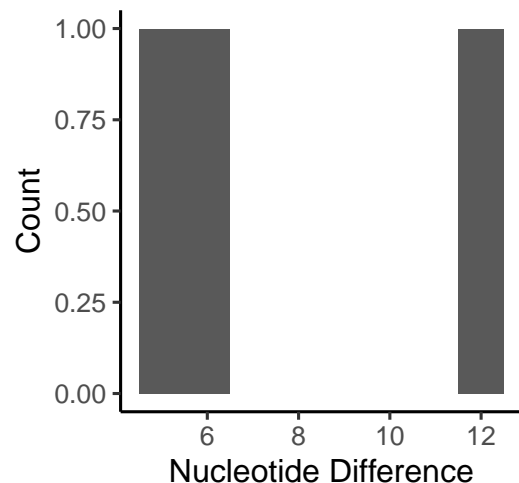182 sequences assigned
No exact matches.

IGHV3-11*04

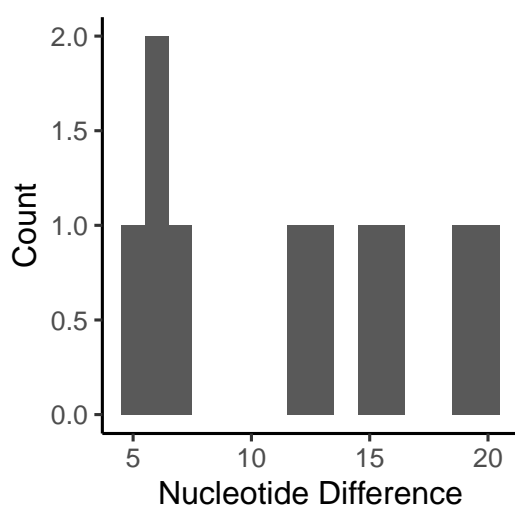92 sequences assigned
No exact matches.

IGHV3-13*01

3 sequences assigned
No exact matches.

IGHV3-9*01
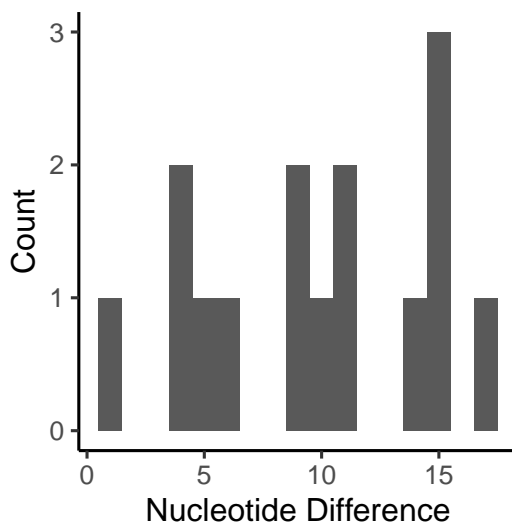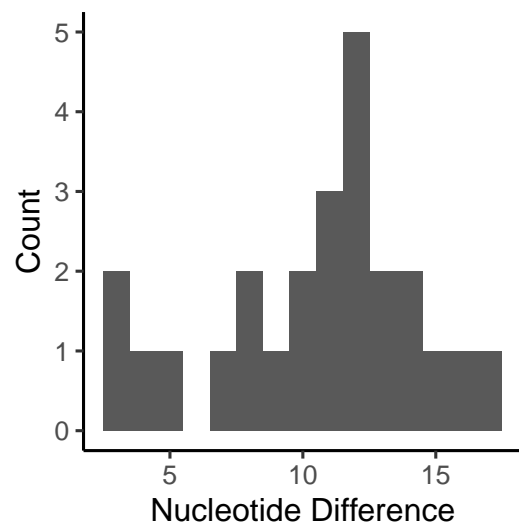
12 sequences assigned
No exact matches.

IGHV3-11*06

19 sequences assigned
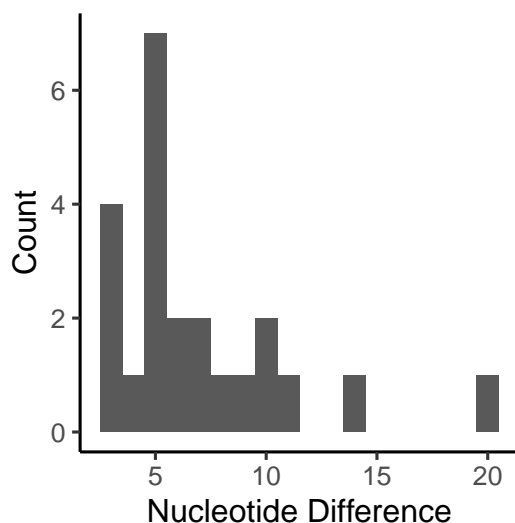No exact matches.

IGHV3-13*04

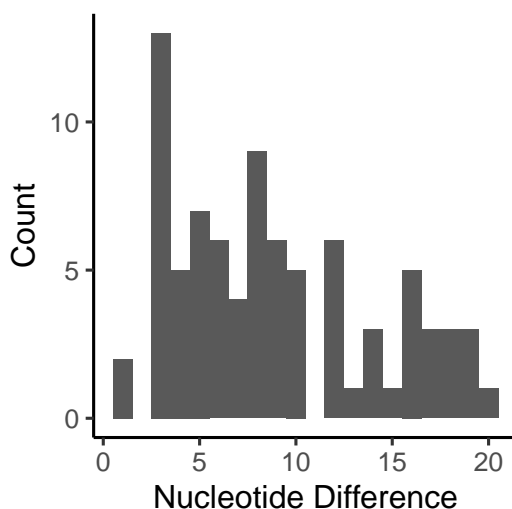29 sequences assigned
No exact matches.

IGHV3-9*03

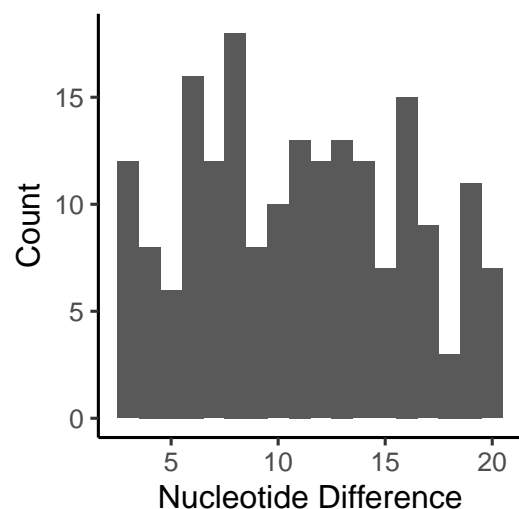29 sequences assigned
No exact matches.

IGHV3-11*03_05

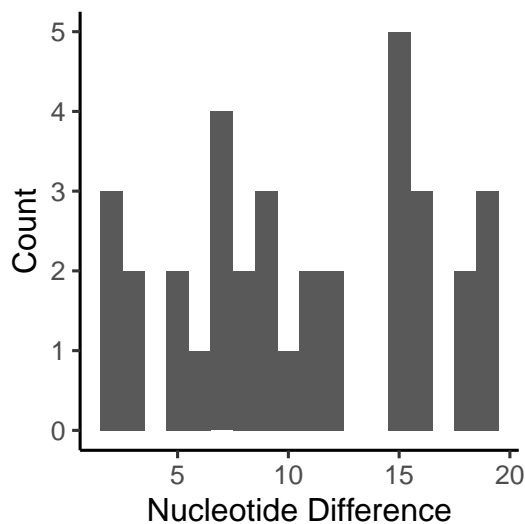93 sequences assigned
No exact matches.

IGHV3-15*01_02

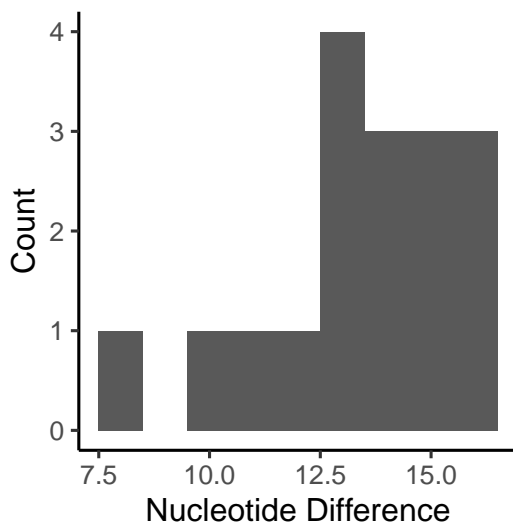239 sequences assigned
No exact matches.

IGHV3-20*03_04

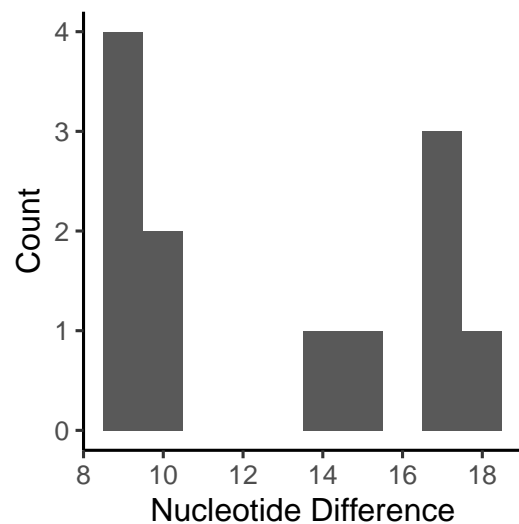43 sequences assigned
No exact matches.

IGHV3-30*03

32 sequences assigned
No exact matches.

IGHV3-43*01

15 sequences assigned
No exact matches.

IGHV3-21*01_02

291 sequences assigned
No exact matches.

IGHV3-30-3*03

2 sequences assigned
No exact matches.

IGHV3-47*02

1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J

IGHV3-23*01_04

2216 sequences assigned
1 (0%) exact matches, in which:
1 unique CDR3
1 unique J

IGHV3-33*01

225 sequences assigned
No exact matches.

IGHV3-48*01

251 sequences assigned
No exact matches.

IGHV3-48*02

234 sequences assigned
No exact matches.

IGHV3-53*04

30 sequences assigned
No exact matches.
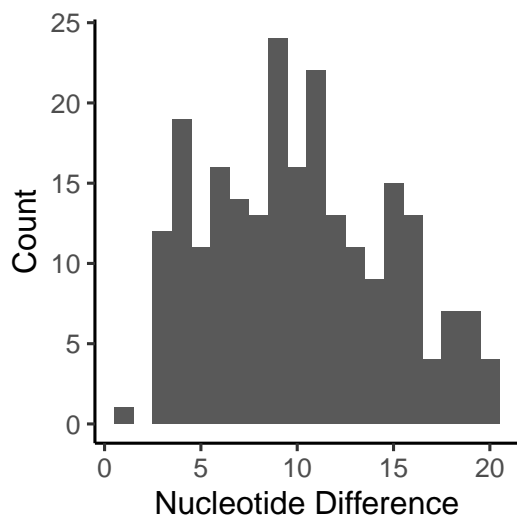
IGHV3-64*02_07

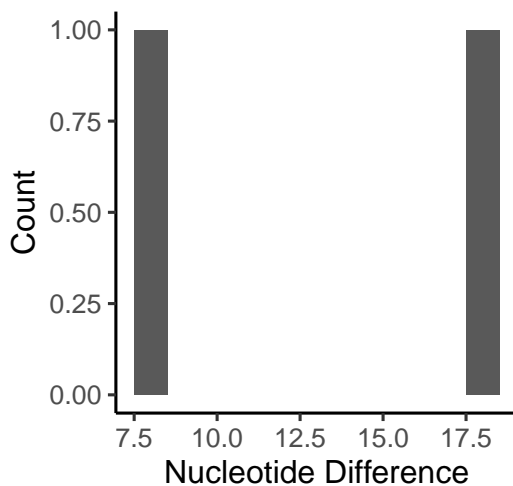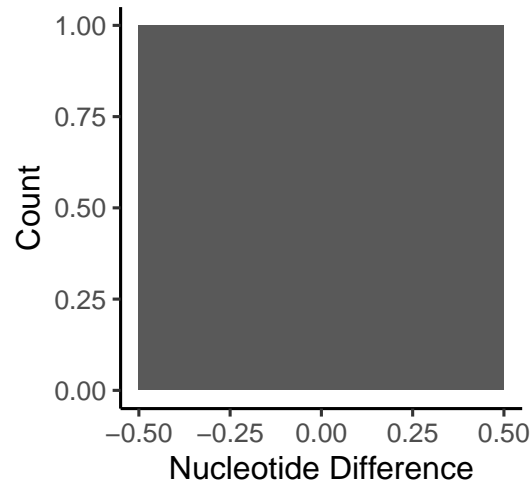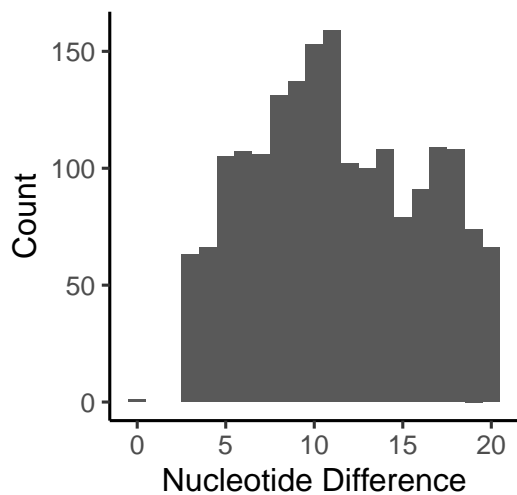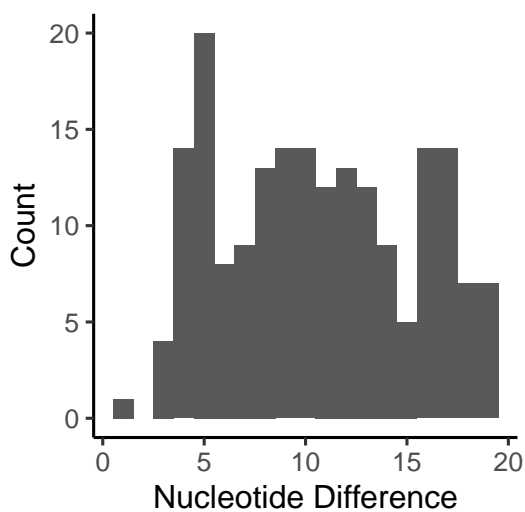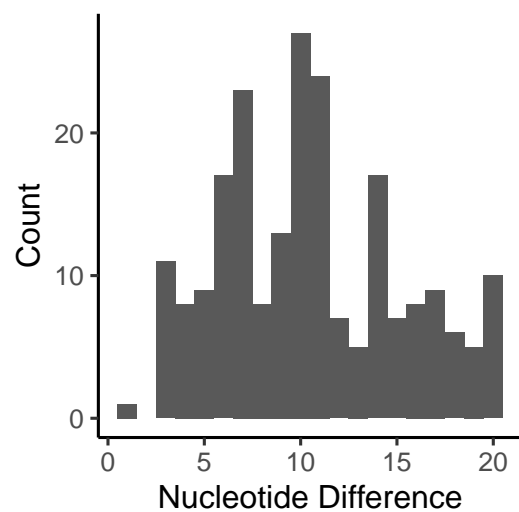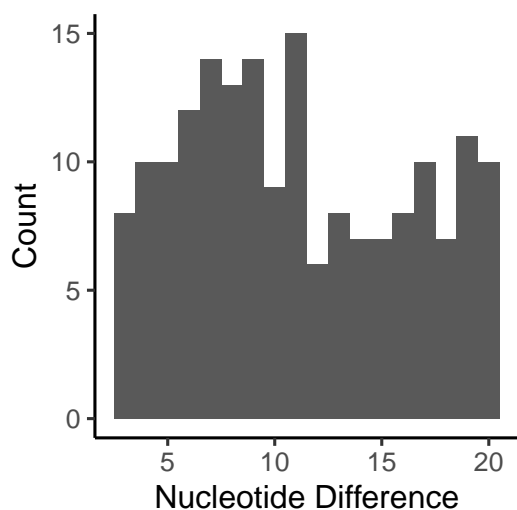11 sequences assigned
No exact matches.

IGHV3-49*03_05

64 sequences assigned
No exact matches.

IGHV3-53*01_02

182 sequences assigned
No exact matches.

IGHV3-66*01

133 sequences assigned
No exact matches.

IGHV3-52*01_03

2 sequences assigned
No exact matches.

IGHV3-64*01

29 sequences assigned
No exact matches.

IGHV3-72*01

86 sequences assigned
No exact matches.

IGHV3−73*01_02

66 sequences assigned
No exact matches.

IGHV3−64D*06

78 sequences assigned
No exact matches.

IGHV4−31*02

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

IGHV3−74*03

158 sequences assigned
No exact matches.

IGHV4−4*07

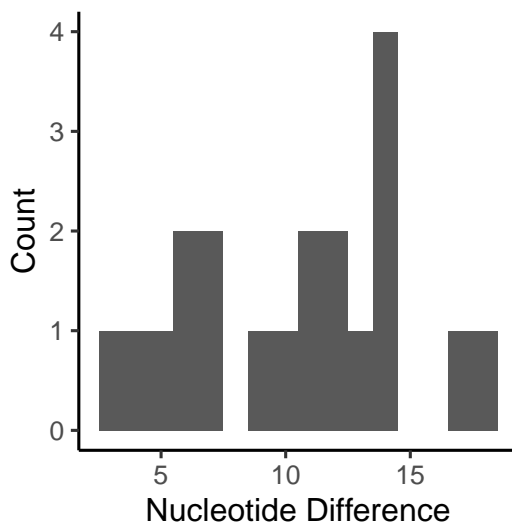178 sequences assigned
No exact matches.

IGHV4−34*01_02

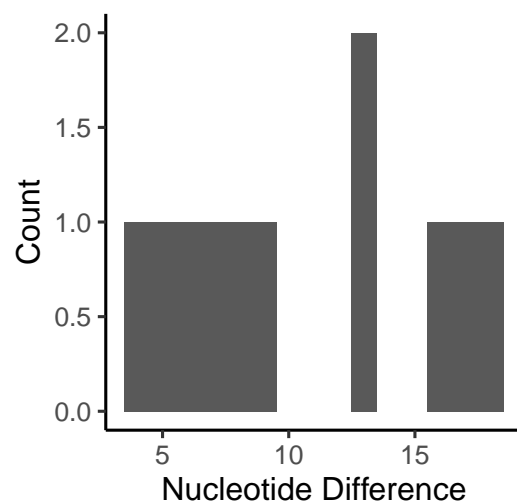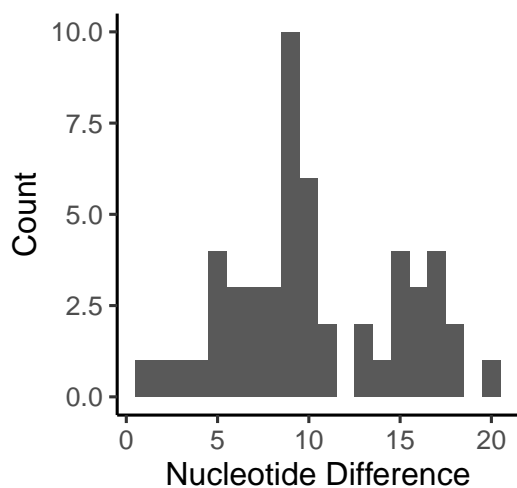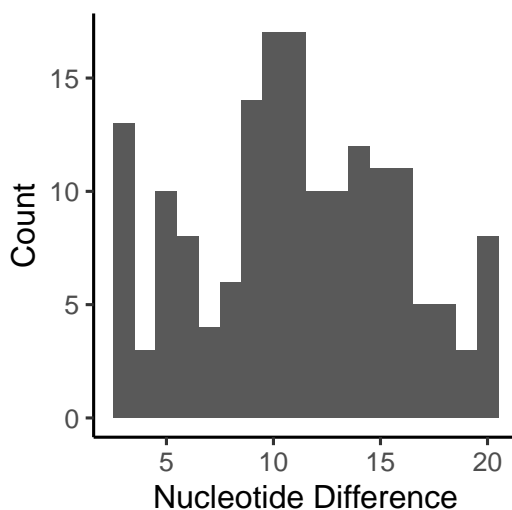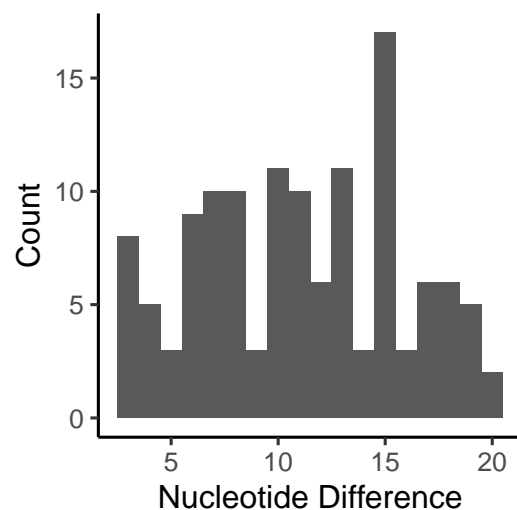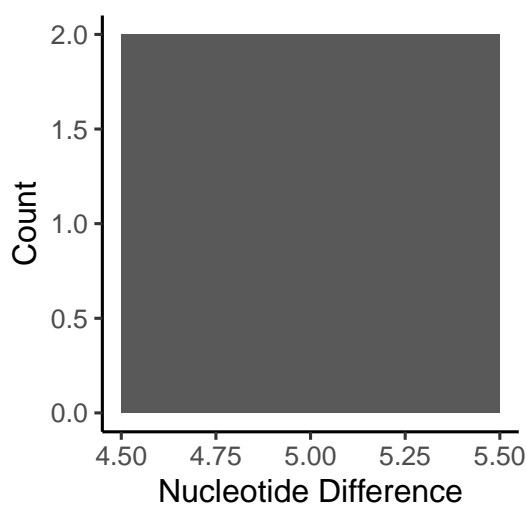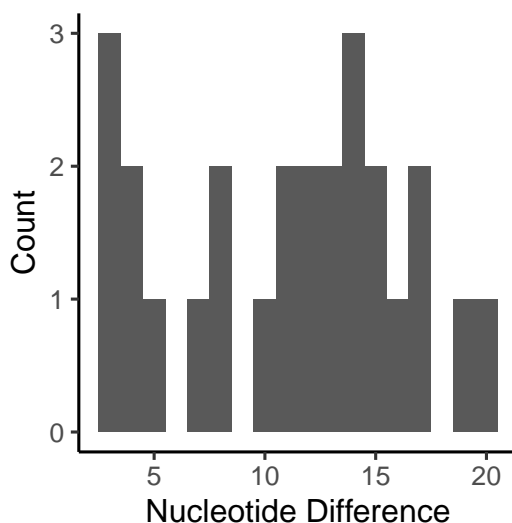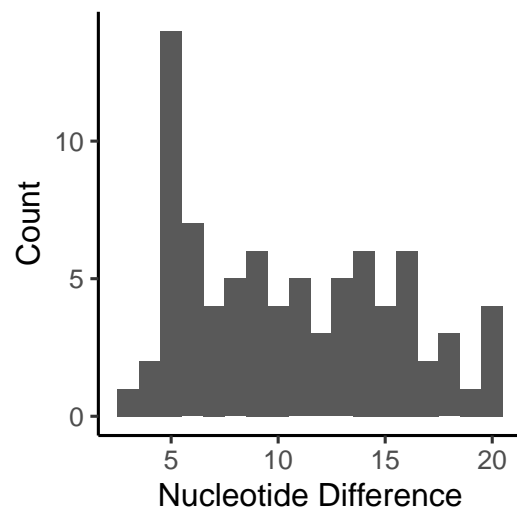211 sequences assigned
No exact matches.

IGHV3−74*01_02

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

IGHV4−4*02_03

66 sequences assigned
No exact matches.

IGHV4−38−2*02

2 sequences assigned
No exact matches.

IGHV4−39*02

515 sequences assigned
No exact matches.

IGHV4−59*01_07

302 sequences assigned
No exact matches.

IGHV4−61*08

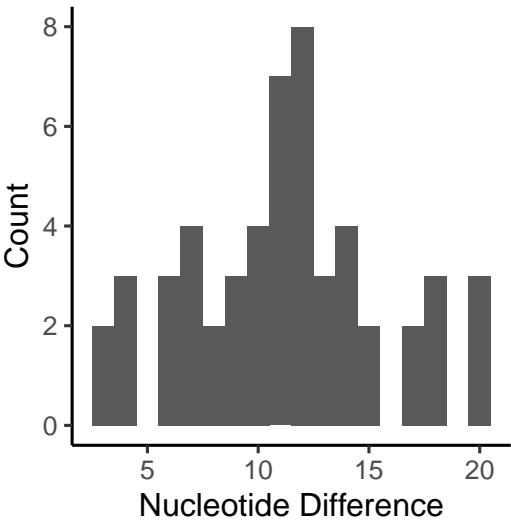28 sequences assigned
No exact matches.

IGHV4−39*01_05

105 sequences assigned
No exact matches.

IGHV4−59*11

156 sequences assigned
No exact matches.

IGHV5−10−1*01_03

10 sequences assigned
No exact matches.

IGHV4−59*08

283 sequences assigned
No exact matches.
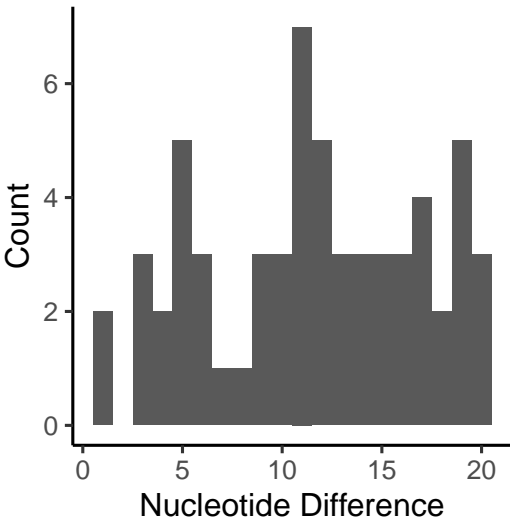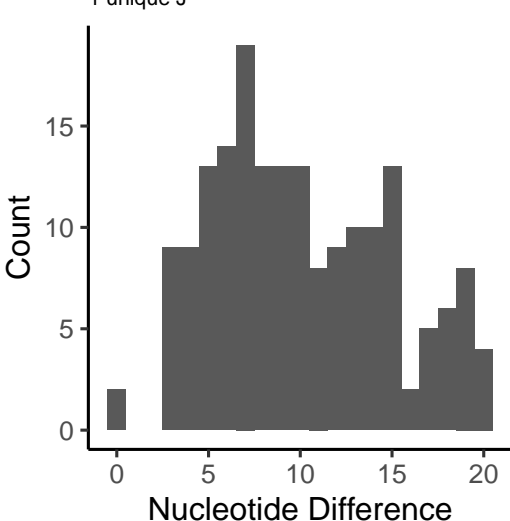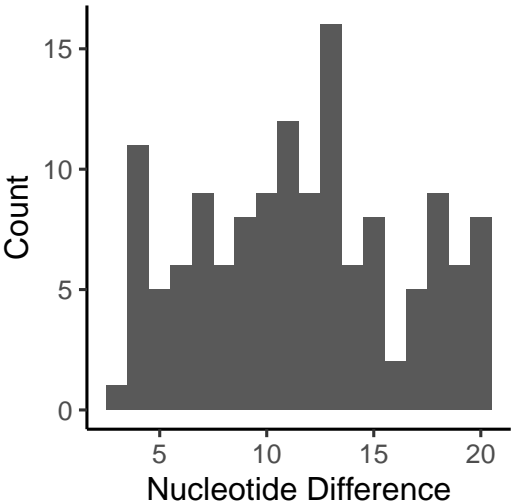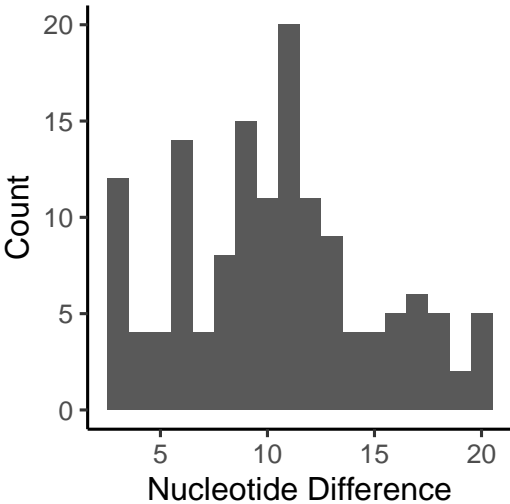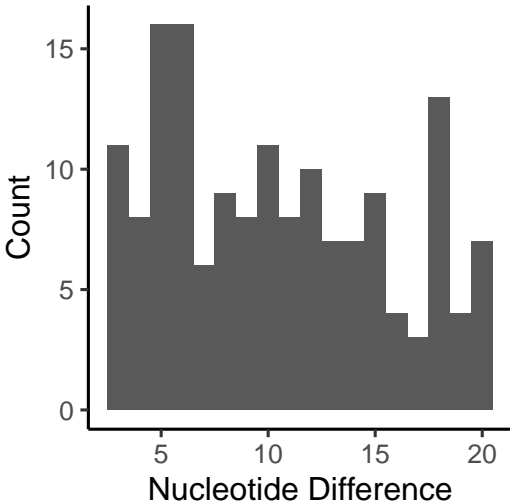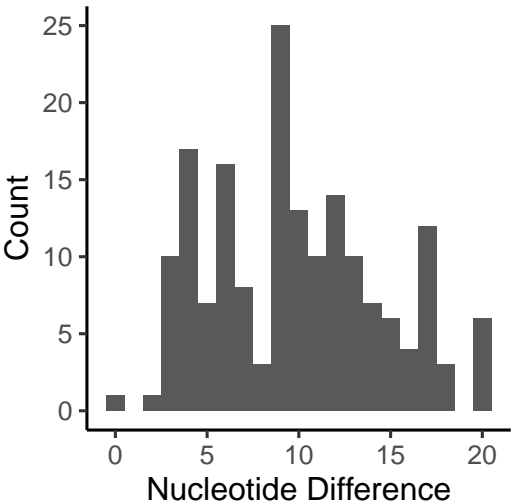
IGHV4−61*01

108 sequences assigned
No exact matches.

IGHV5−51*07

31 sequences assigned
No exact matches.

IGHV5−51*01_03

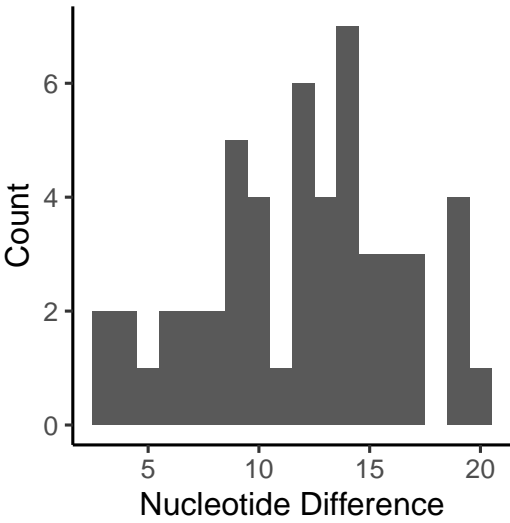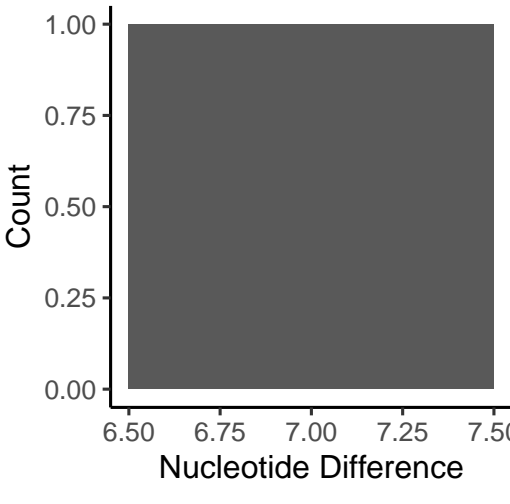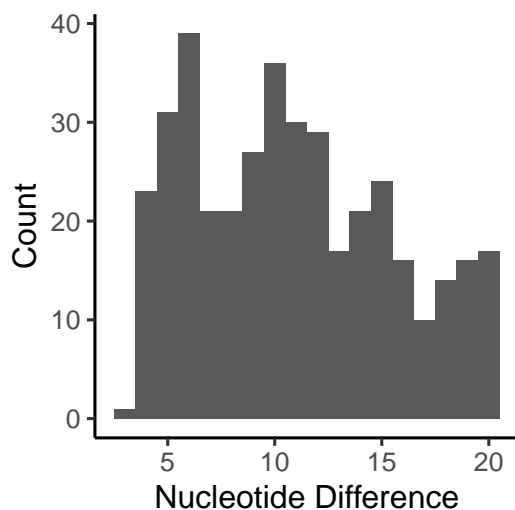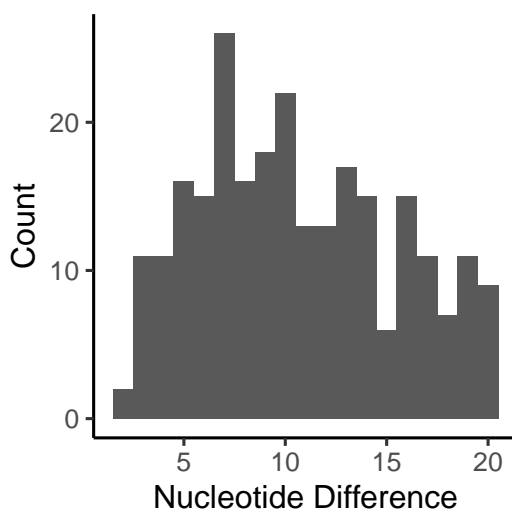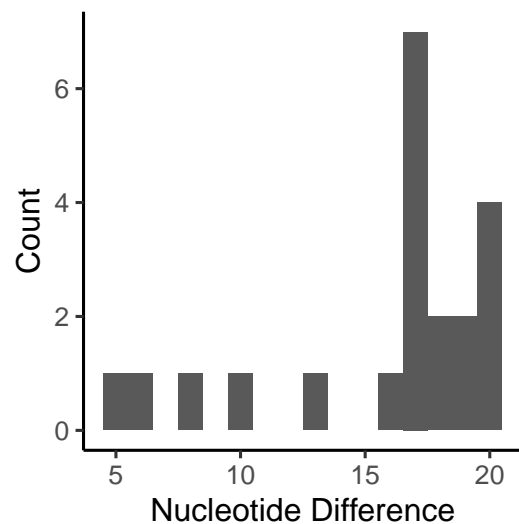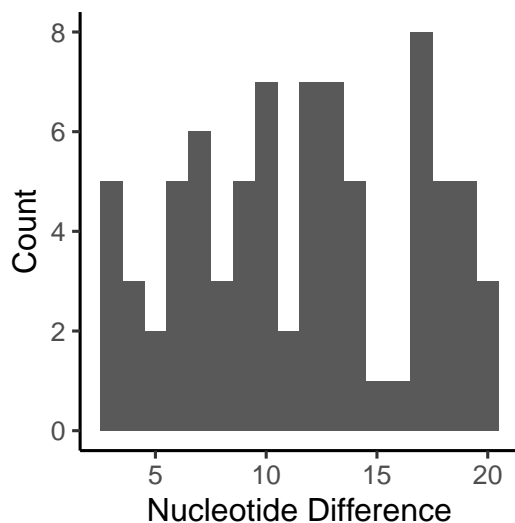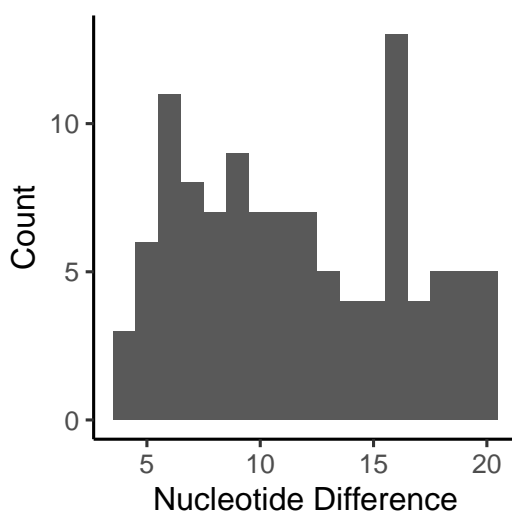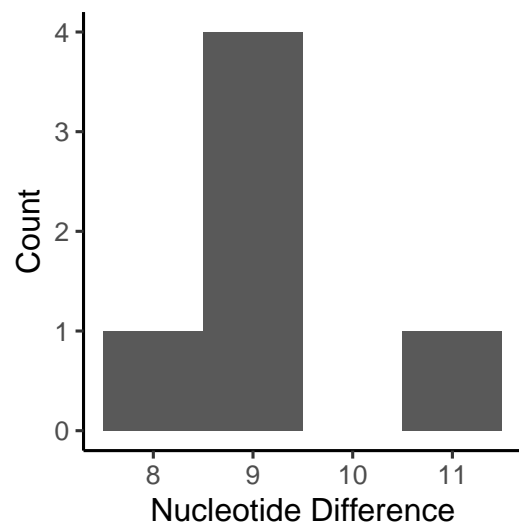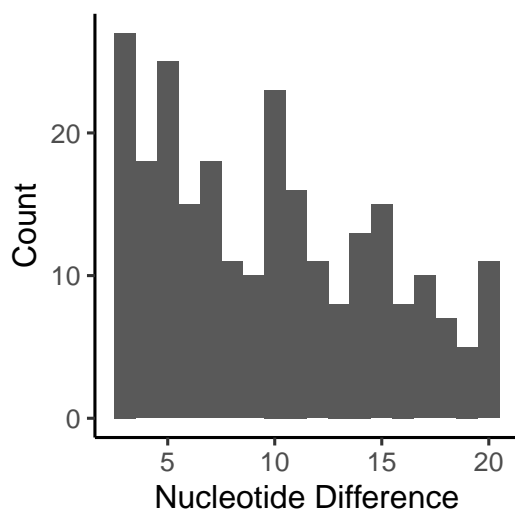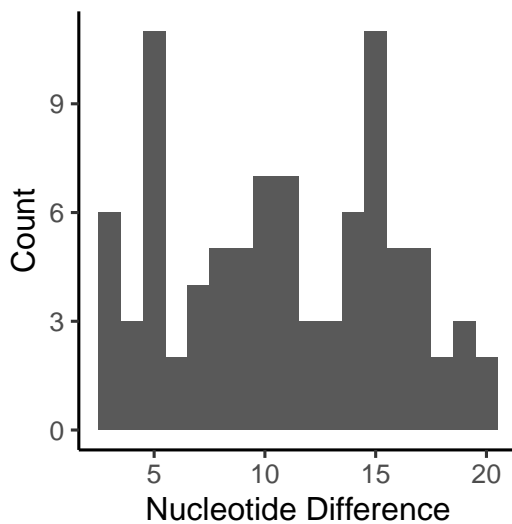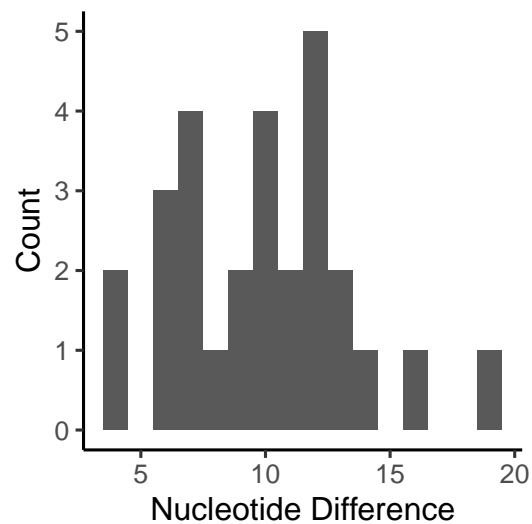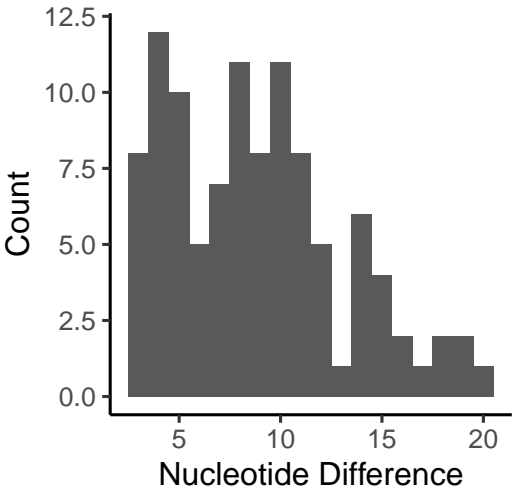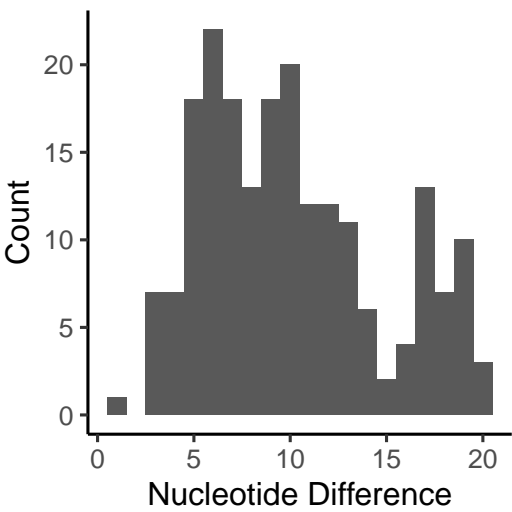119 sequences assigned
No exact matches.

IGHV6−1*01_02

207 sequences assigned
No exact matches.

Allele Usage

Warning – no inferred sequences found.

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