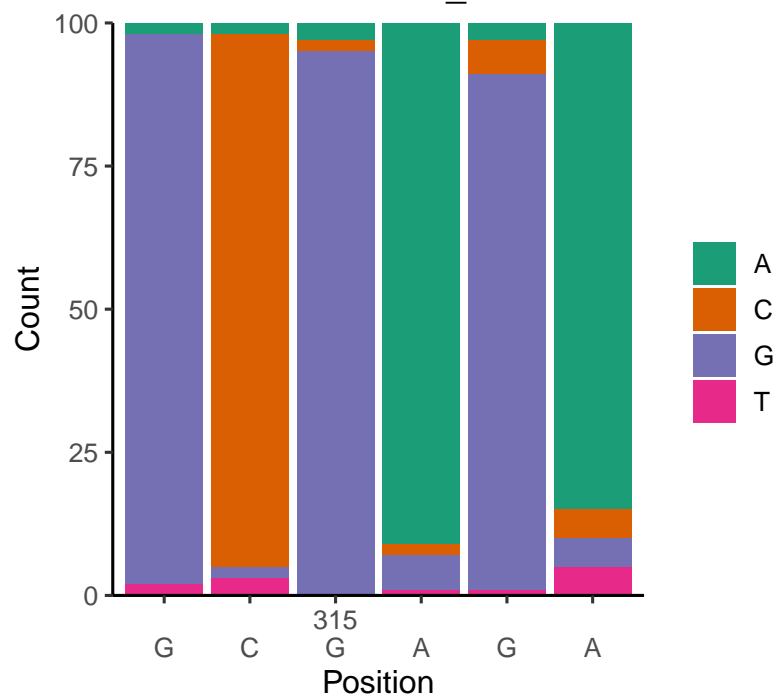
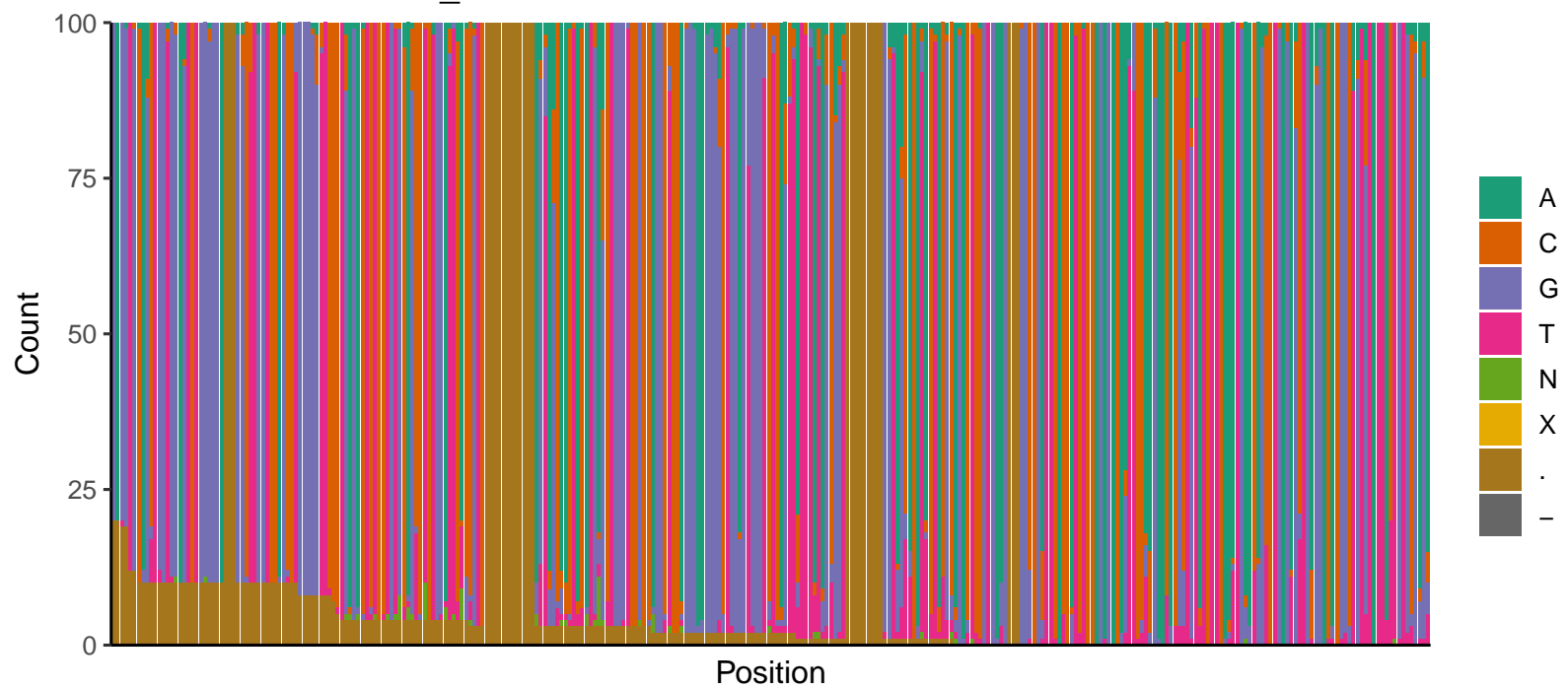


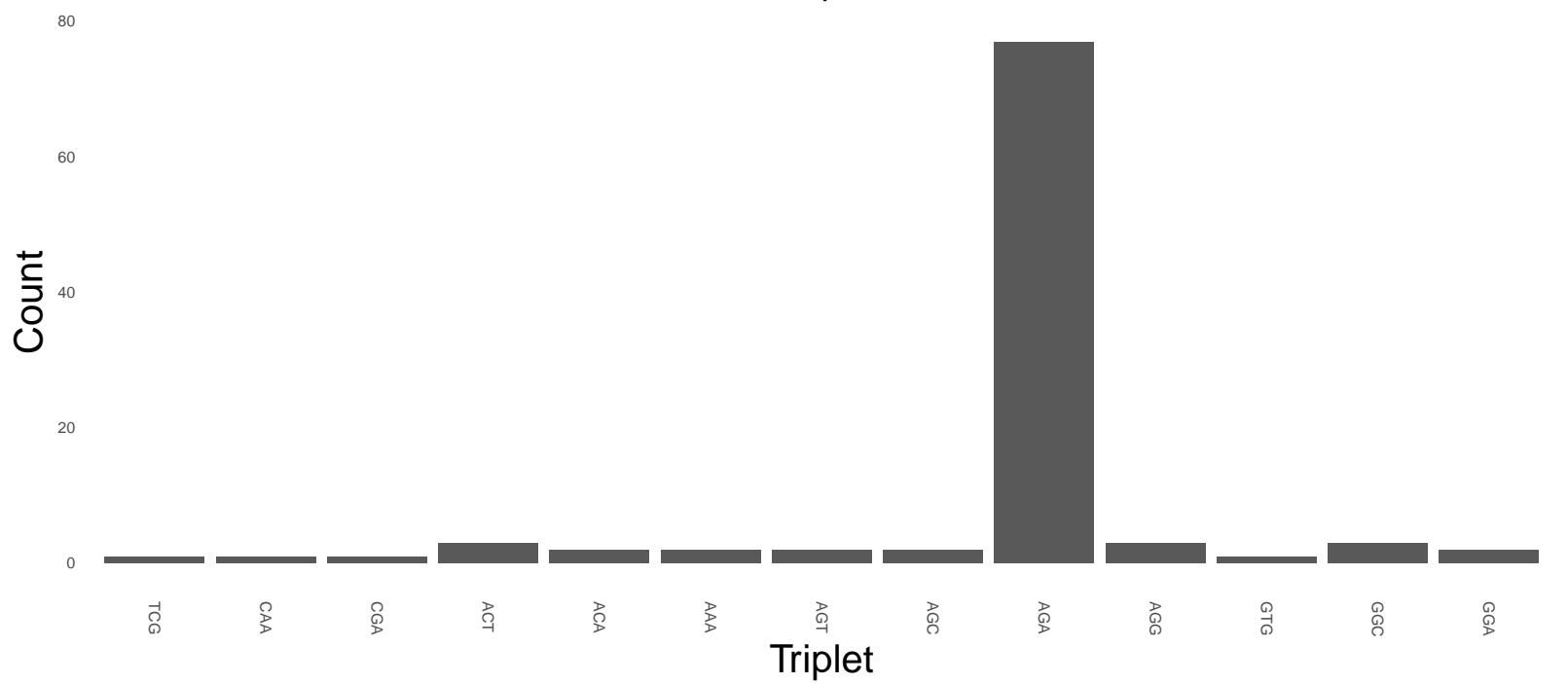
Gene IGHV3-66*02_G51T



Gene IGHV3-66*02_G51T

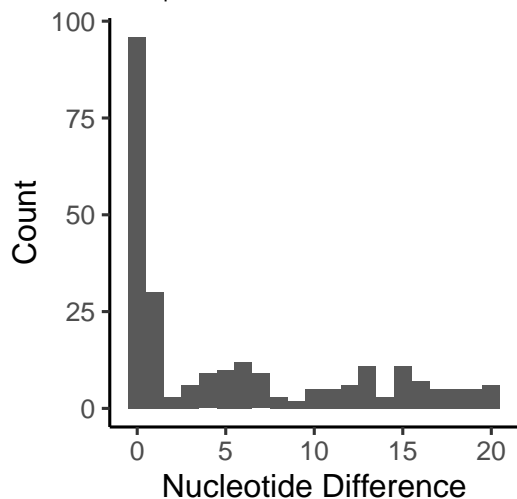


IGHV3-66*02_G51T- Final 3 nucleotides as a triplet



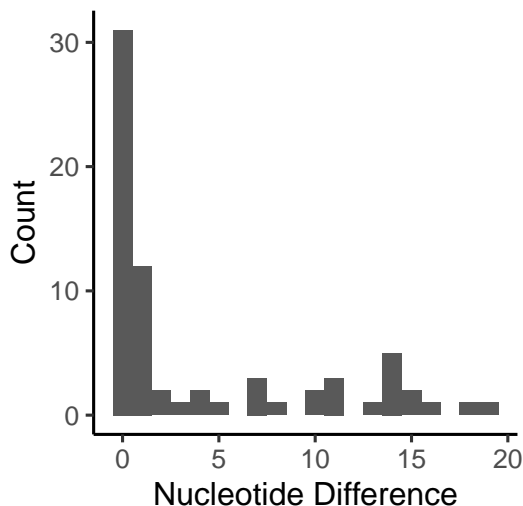
IGHV1-2*02

333 sequences assigned
96 (28.8%) exact matches, in which:
95 unique CDR3
6 unique J



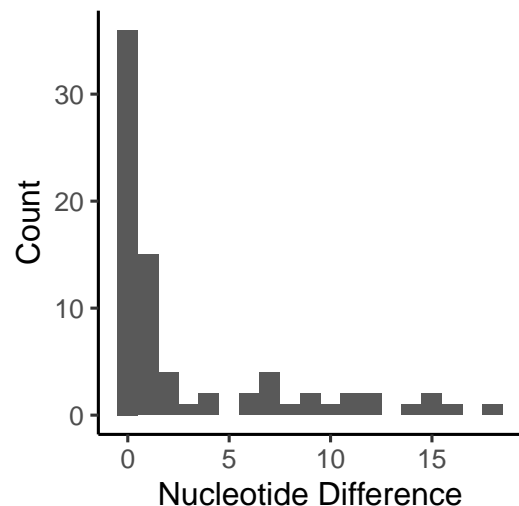
IGHV1-18*01

92 sequences assigned
31 (33.7%) exact matches, in which:
31 unique CDR3
4 unique J



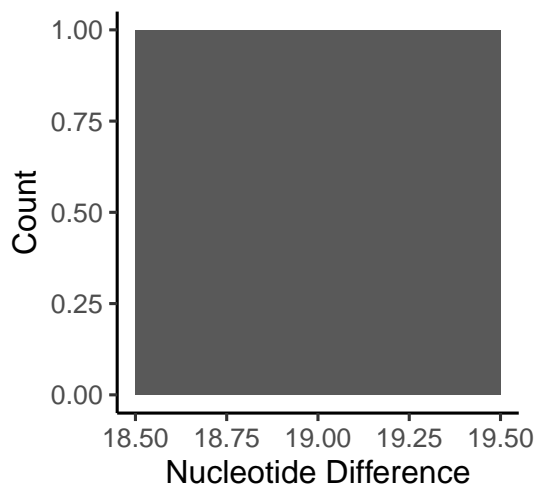
IGHV1-46*03

107 sequences assigned
36 (33.6%) exact matches, in which:
36 unique CDR3
6 unique J



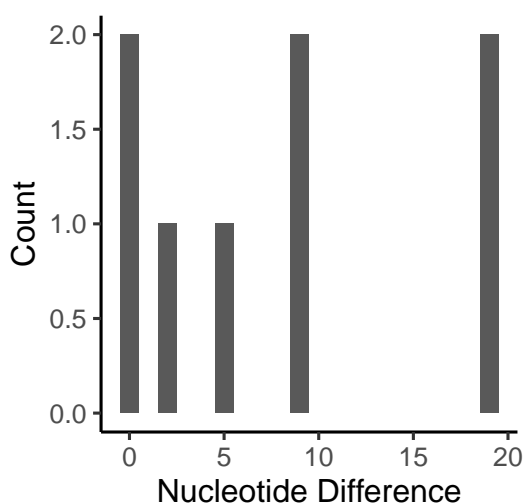
IGHV1-3*01

1 sequences assigned
No exact matches.



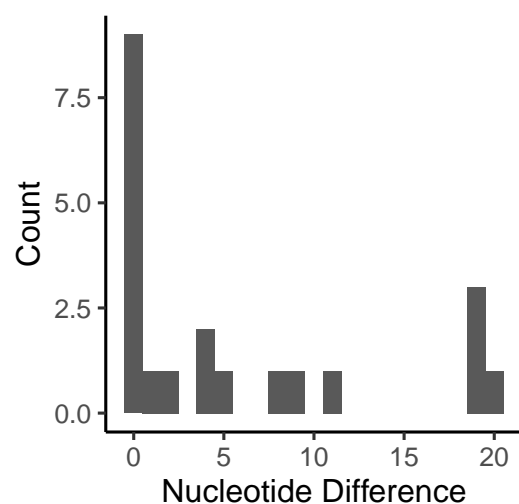
IGHV1-24*01

8 sequences assigned
2 (25%) exact matches, in which:
2 unique CDR3
1 unique J



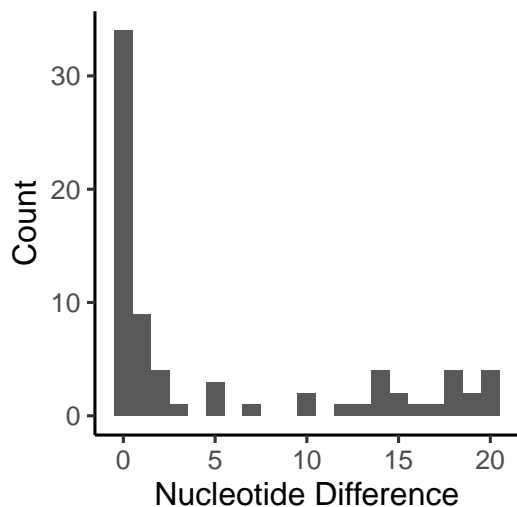
IGHV1-58*02

21 sequences assigned
9 (42.9%) exact matches, in which:
9 unique CDR3
4 unique J



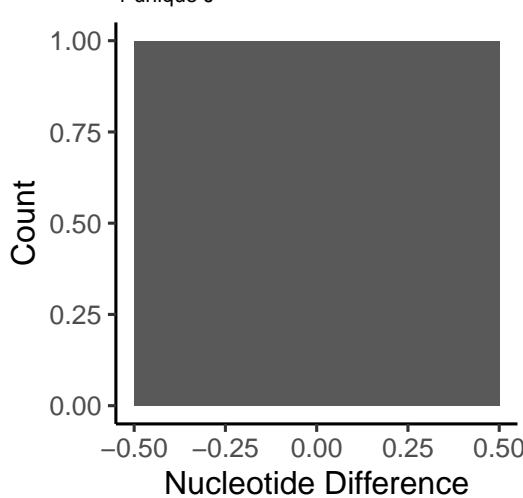
IGHV1-8*01

106 sequences assigned
34 (32.1%) exact matches, in which:
33 unique CDR3
5 unique J



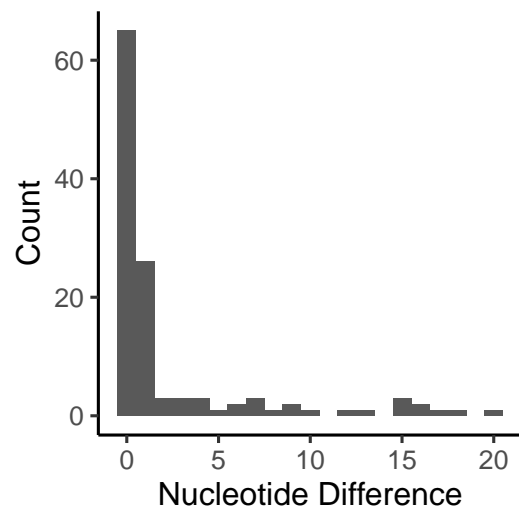
IGHV1-45*02

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



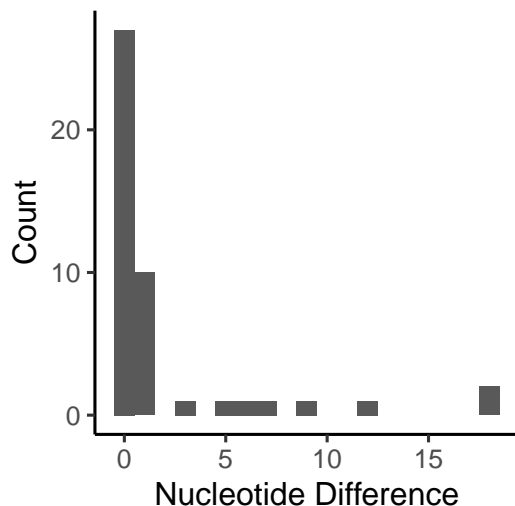
IGHV1-69*01

147 sequences assigned
65 (44.2%) exact matches, in which:
64 unique CDR3
5 unique J



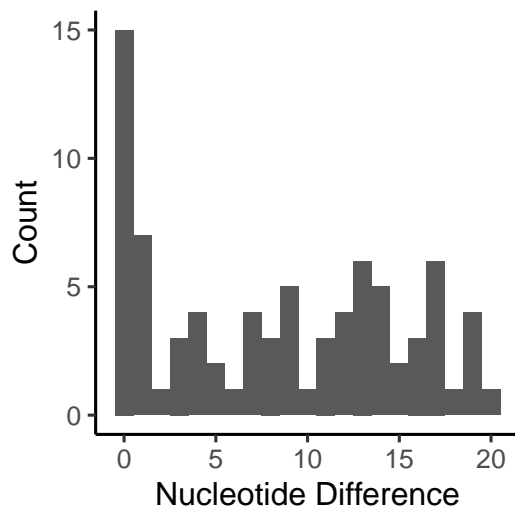
IGHV1-69*02

47 sequences assigned
27 (57.4%) exact matches, in which:
26 unique CDR3
3 unique J



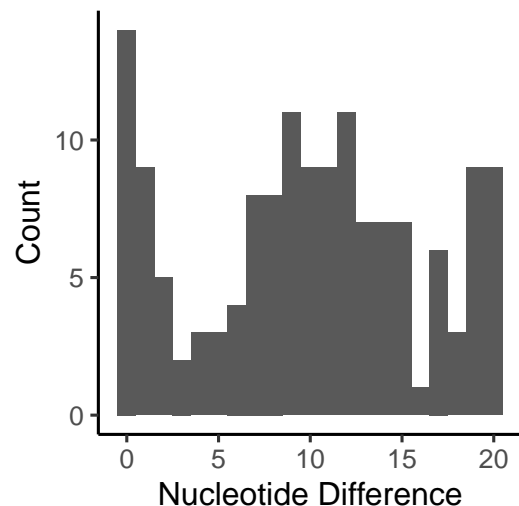
IGHV2-5*02

99 sequences assigned
15 (15.2%) exact matches, in which:
14 unique CDR3
4 unique J



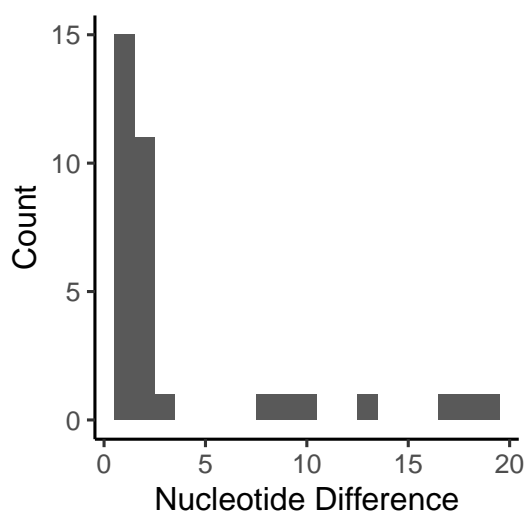
IGHV3-7*01

193 sequences assigned
14 (7.3%) exact matches, in which:
14 unique CDR3
4 unique J



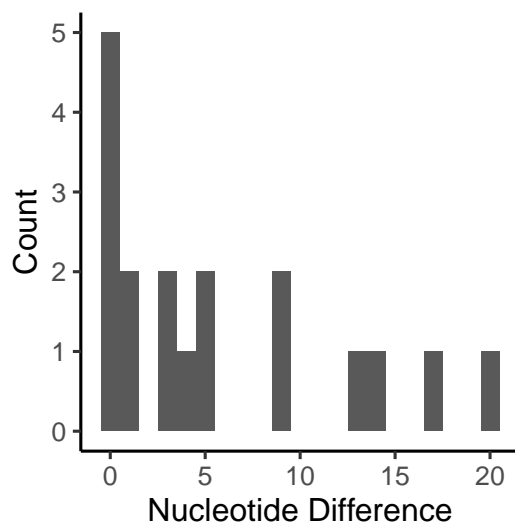
IGHV1-69*08

39 sequences assigned
No exact matches.



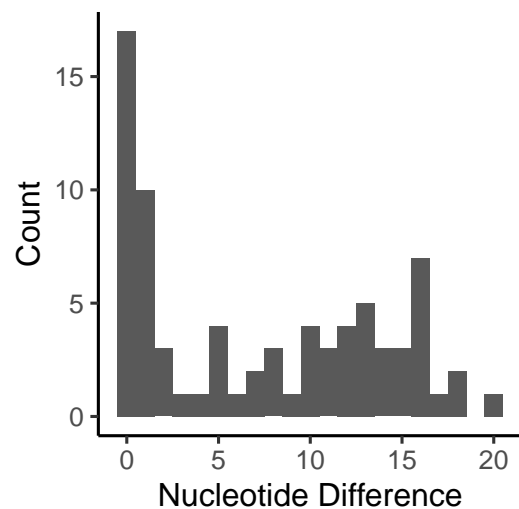
IGHV2-26*01

19 sequences assigned
5 (26.3%) exact matches, in which:
5 unique CDR3
4 unique J



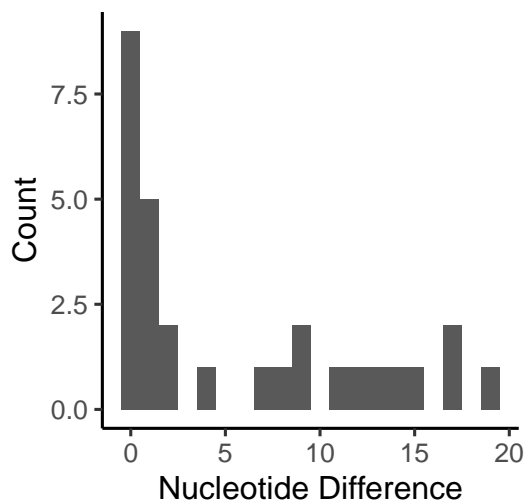
IGHV3-7*04

90 sequences assigned
17 (18.9%) exact matches, in which:
17 unique CDR3
4 unique J



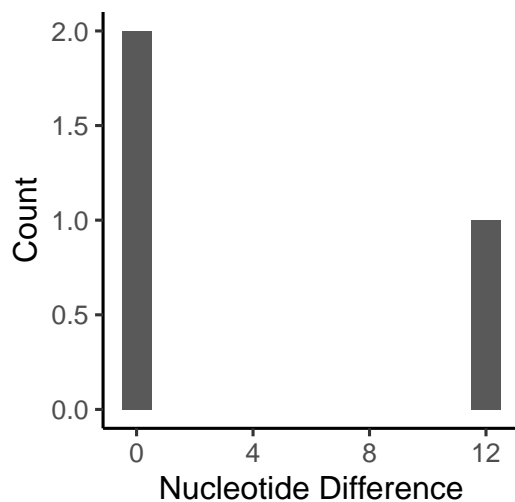
IGHV2-5*01

35 sequences assigned
9 (25.7%) exact matches, in which:
9 unique CDR3
4 unique J



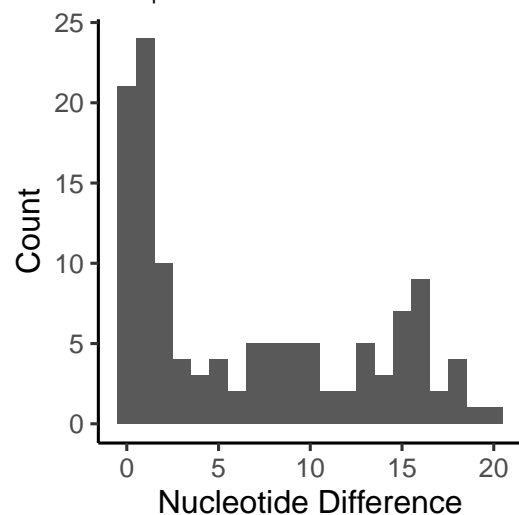
IGHV2-70*01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
1 unique J



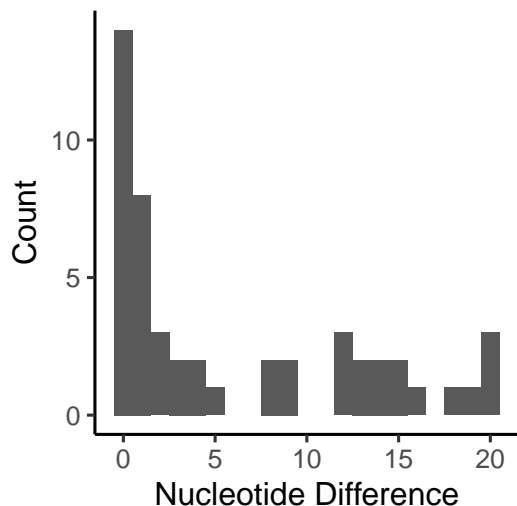
IGHV3-9*01

144 sequences assigned
21 (14.6%) exact matches, in which:
21 unique CDR3
5 unique J



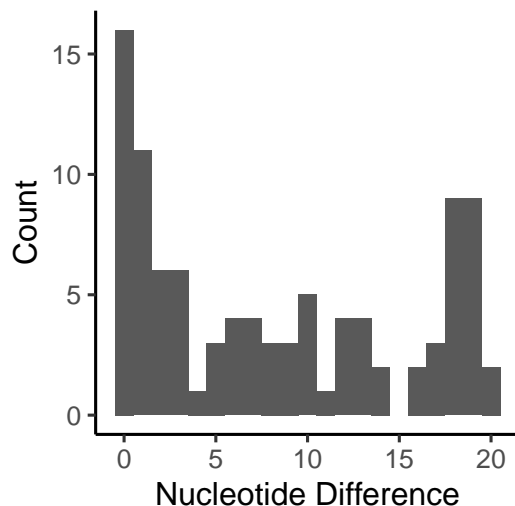
IGHV3-11*01

61 sequences assigned
14 (23%) exact matches, in which:
14 unique CDR3
4 unique J



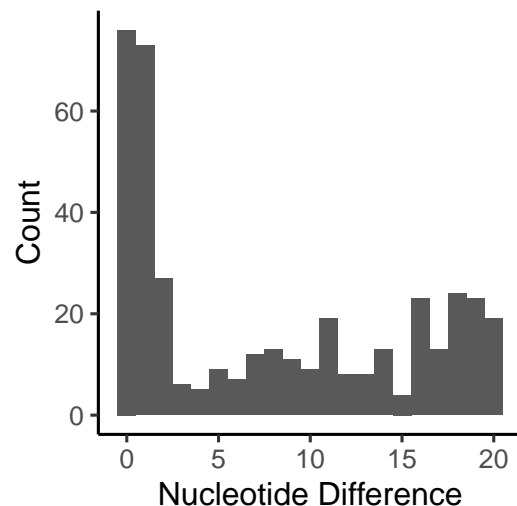
IGHV3-15*01

132 sequences assigned
16 (12.1%) exact matches, in which:
16 unique CDR3
4 unique J



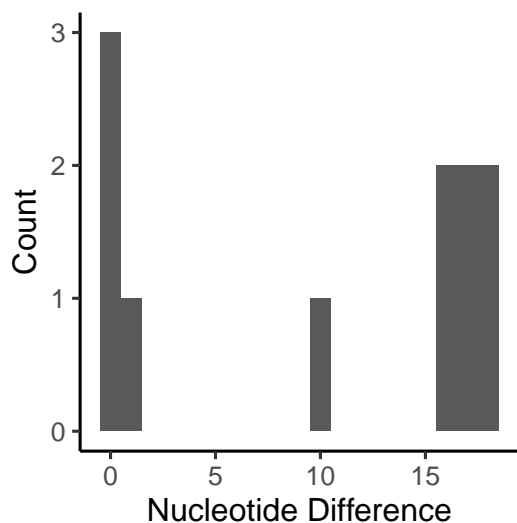
IGHV3-23*01

567 sequences assigned
76 (13.4%) exact matches, in which:
76 unique CDR3
5 unique J



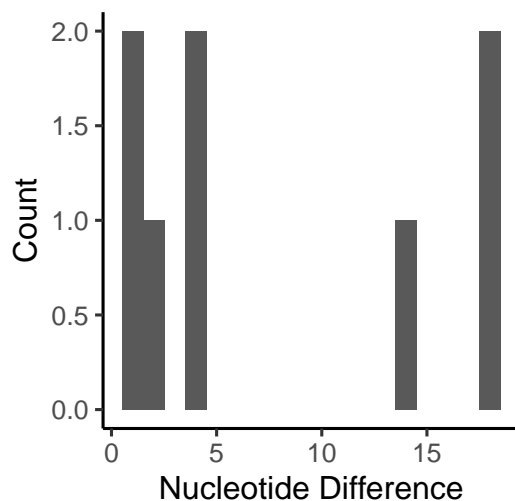
IGHV3-13*01

21 sequences assigned
3 (14.3%) exact matches, in which:
3 unique CDR3
2 unique J



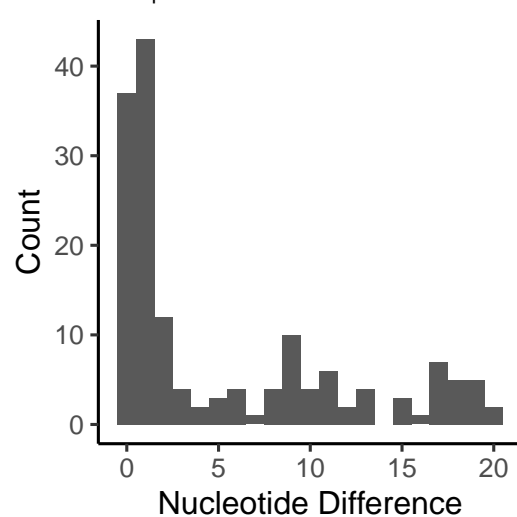
IGHV3-20*01

10 sequences assigned
No exact matches.



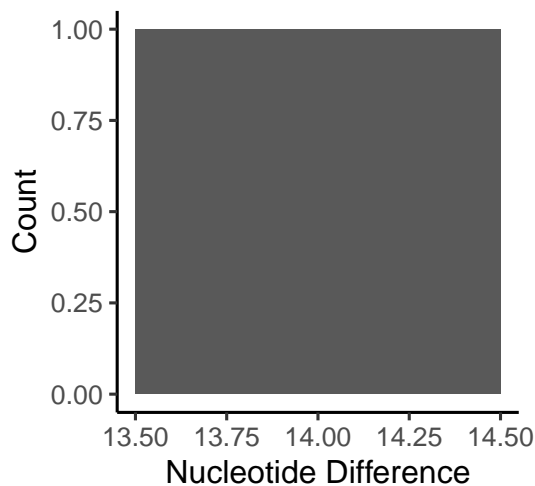
IGHV3-30-3*01

187 sequences assigned
37 (19.8%) exact matches, in which:
37 unique CDR3
5 unique J



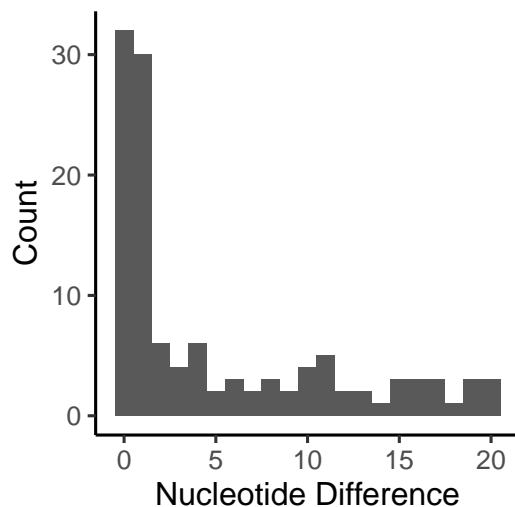
IGHV3-13*05

1 sequences assigned
No exact matches.



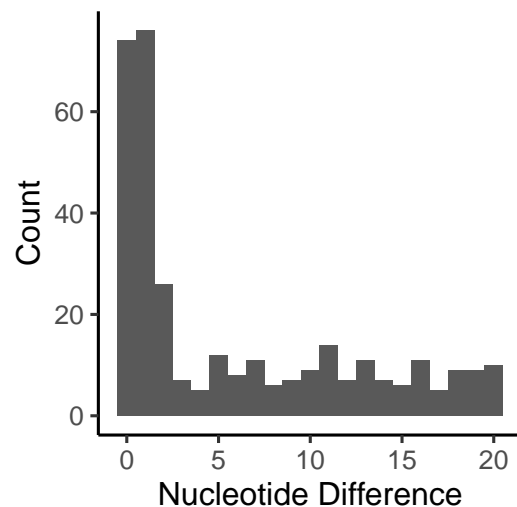
IGHV3-21*01

139 sequences assigned
32 (23%) exact matches, in which:
32 unique CDR3
6 unique J



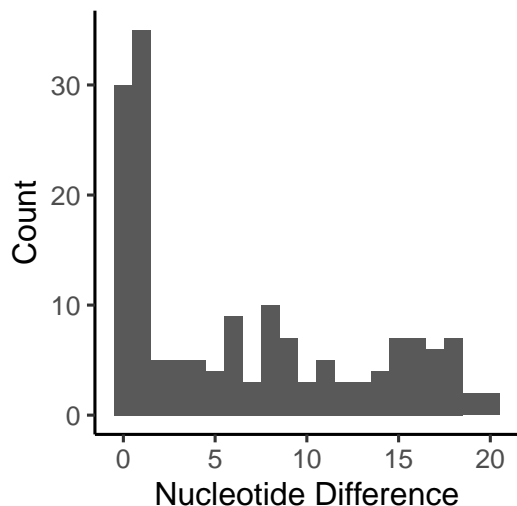
IGHV3-30*02

497 sequences assigned
74 (14.9%) exact matches, in which:
69 unique CDR3
6 unique J



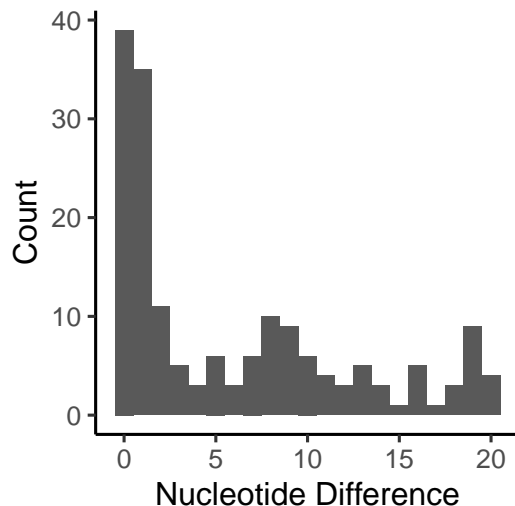
IGHV3-30*18

207 sequences assigned
30 (14.5%) exact matches, in which:
30 unique CDR3
4 unique J



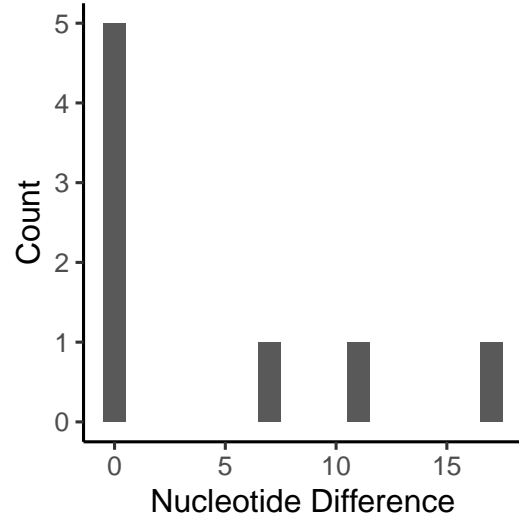
IGHV3-48*01

214 sequences assigned
39 (18.2%) exact matches, in which:
39 unique CDR3
6 unique J



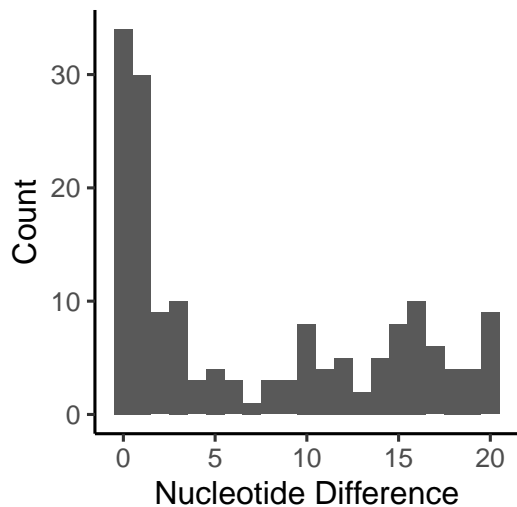
IGHV3-64*01

9 sequences assigned
5 (55.6%) exact matches, in which:
5 unique CDR3
3 unique J



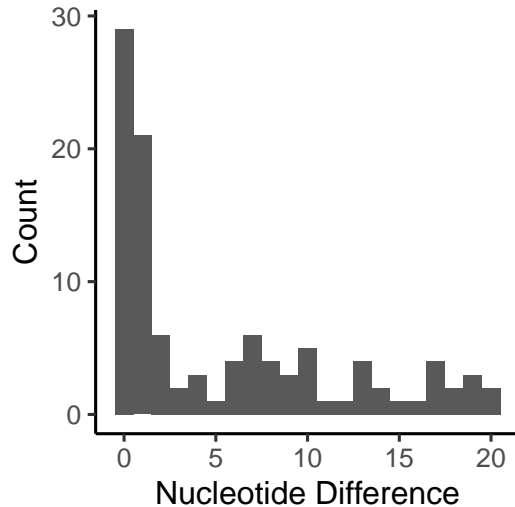
IGHV3-33*01

245 sequences assigned
34 (13.9%) exact matches, in which:
33 unique CDR3
5 unique J



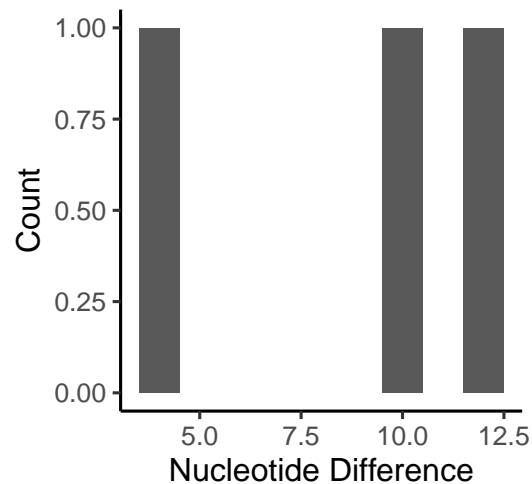
IGHV3-49*03

153 sequences assigned
29 (19%) exact matches, in which:
26 unique CDR3
6 unique J



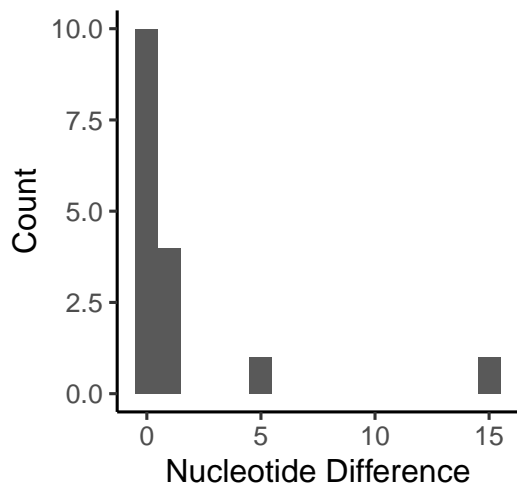
IGHV3-64*02

3 sequences assigned
No exact matches.



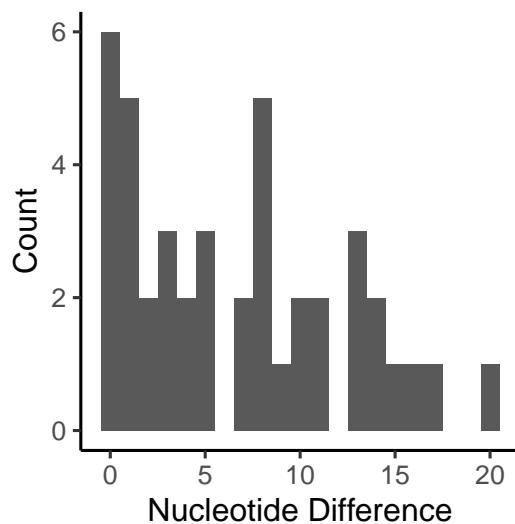
IGHV3-43*01

23 sequences assigned
10 (43.5%) exact matches, in which:
10 unique CDR3
3 unique J



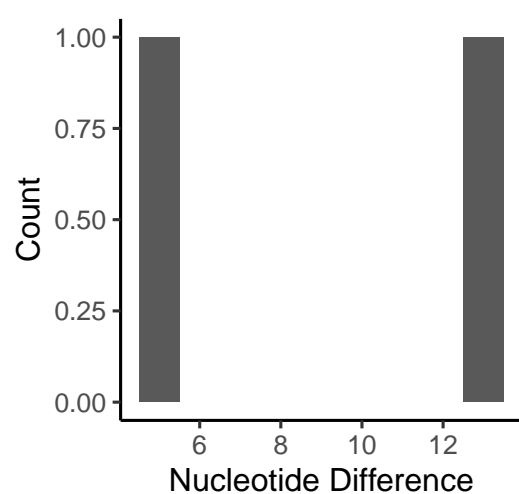
IGHV3-53*02

53 sequences assigned
6 (11.3%) exact matches, in which:
6 unique CDR3
4 unique J



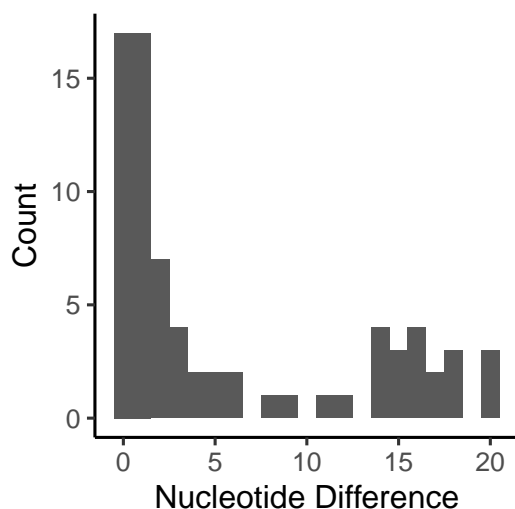
IGHV3-64*07

3 sequences assigned
No exact matches.



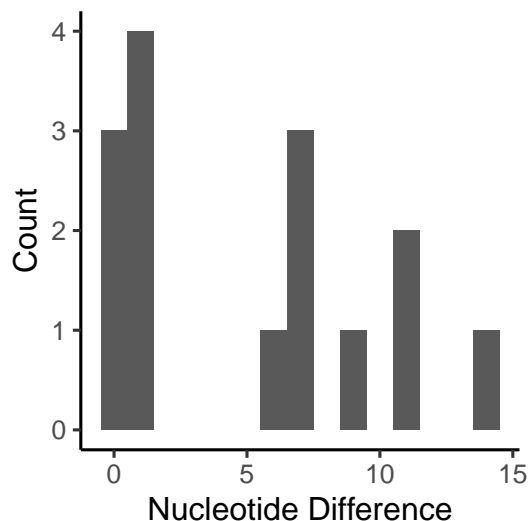
IGHV3-66*02_G51T

100 sequences assigned
17 (17%) exact matches, in which:
16 unique CDR3
5 unique J



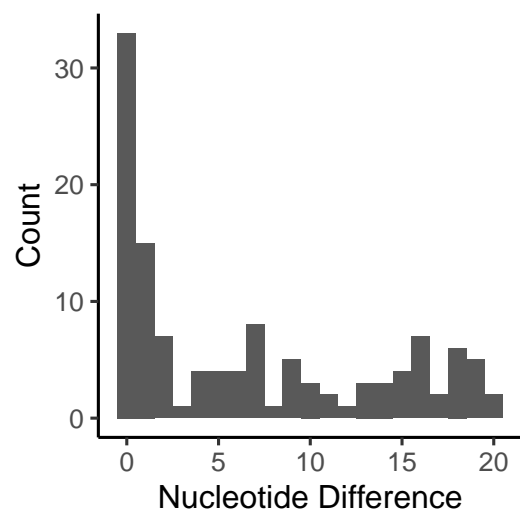
IGHV3-73*02

16 sequences assigned
3 (18.8%) exact matches, in which:
3 unique CDR3
2 unique J



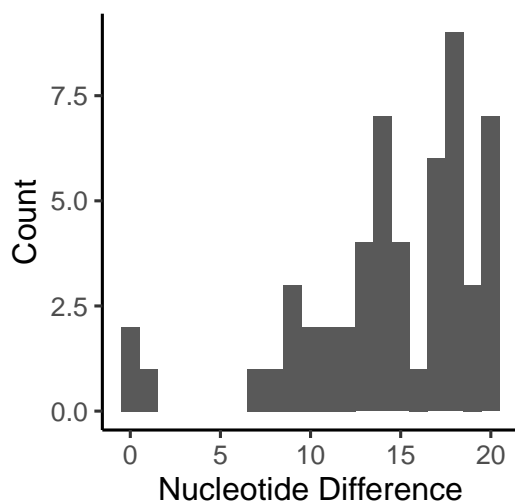
IGHV4-4*07

143 sequences assigned
33 (23.1%) exact matches, in which:
33 unique CDR3
6 unique J



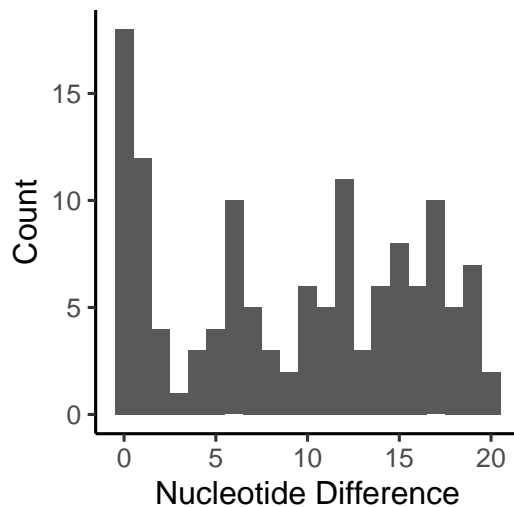
IGHV3-72*01

89 sequences assigned
2 (2.2%) exact matches, in which:
2 unique CDR3
2 unique J



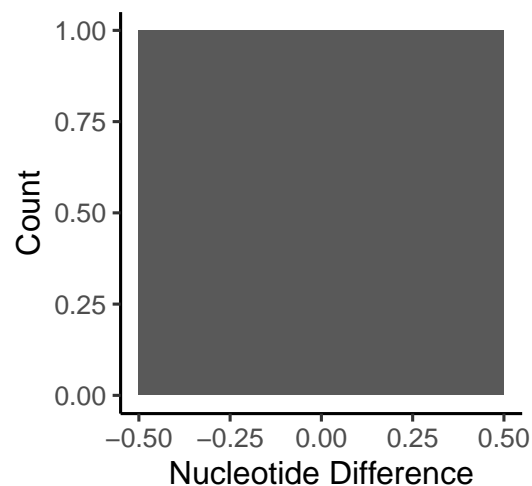
IGHV3-74*01

176 sequences assigned
18 (10.2%) exact matches, in which:
18 unique CDR3
4 unique J



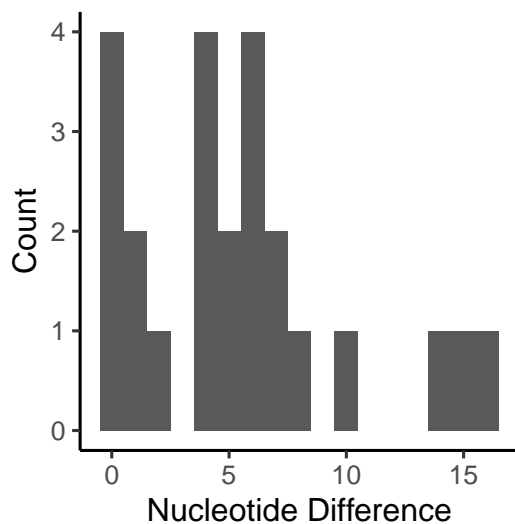
IGHV4-28*01

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



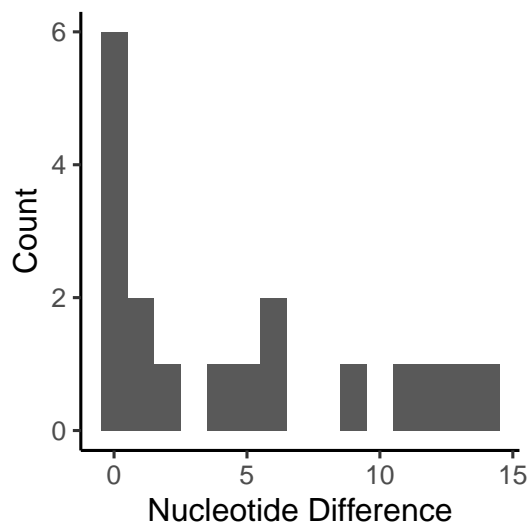
IGHV3-73*01

35 sequences assigned
4 (11.4%) exact matches, in which:
4 unique CDR3
3 unique J



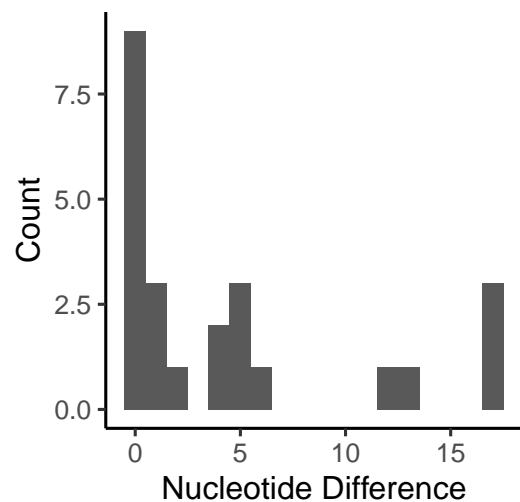
IGHV3-43D*04

18 sequences assigned
6 (33.3%) exact matches, in which:
6 unique CDR3
2 unique J



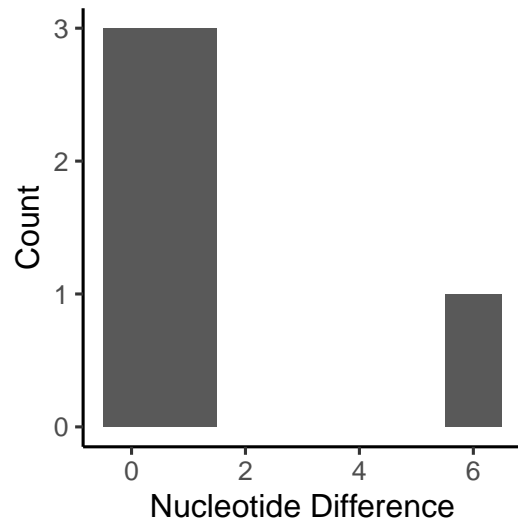
IGHV4-30-4*01

39 sequences assigned
9 (23.1%) exact matches, in which:
9 unique CDR3
4 unique J



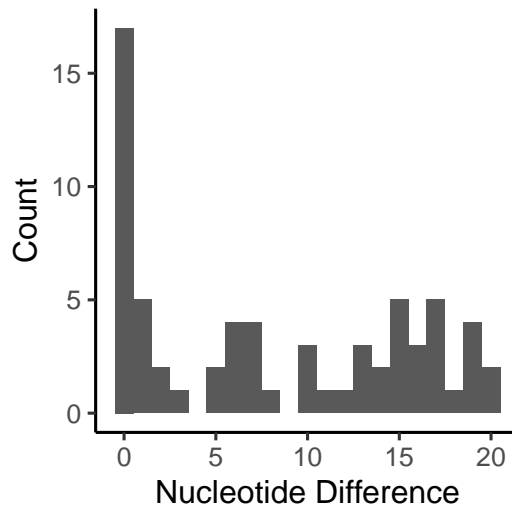
IGHV4-30-2*01

7 sequences assigned
3 (42.9%) exact matches, in which:
3 unique CDR3
3 unique J



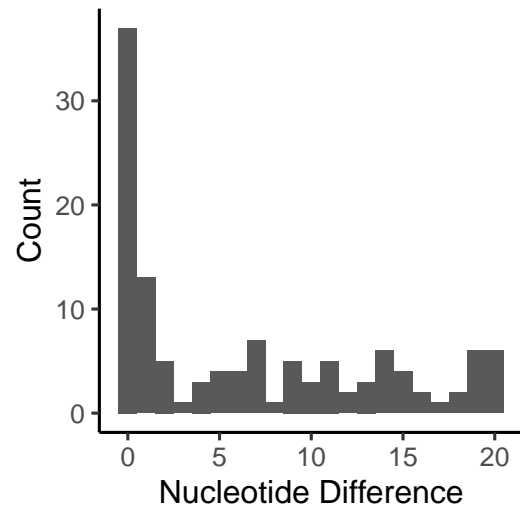
IGHV4-38-2*01

72 sequences assigned
17 (23.6%) exact matches, in which:
16 unique CDR3
4 unique J



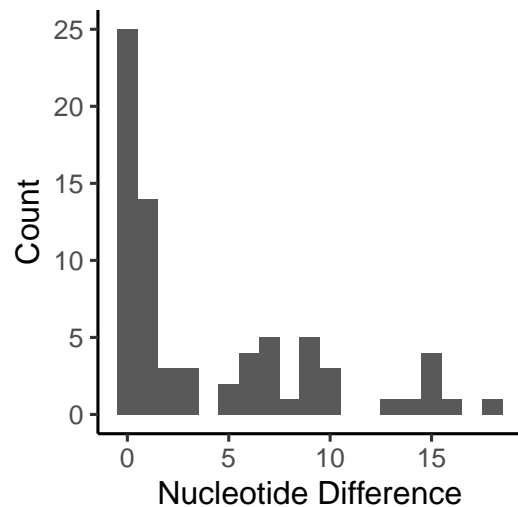
IGHV4-59*01

156 sequences assigned
37 (23.7%) exact matches, in which:
36 unique CDR3
6 unique J



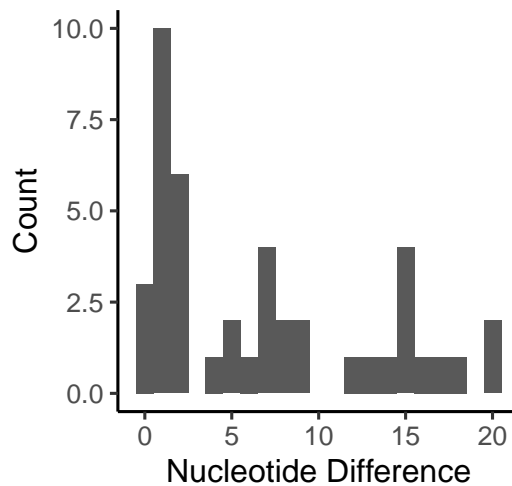
IGHV4-31*03

116 sequences assigned
25 (21.6%) exact matches, in which:
24 unique CDR3
5 unique J



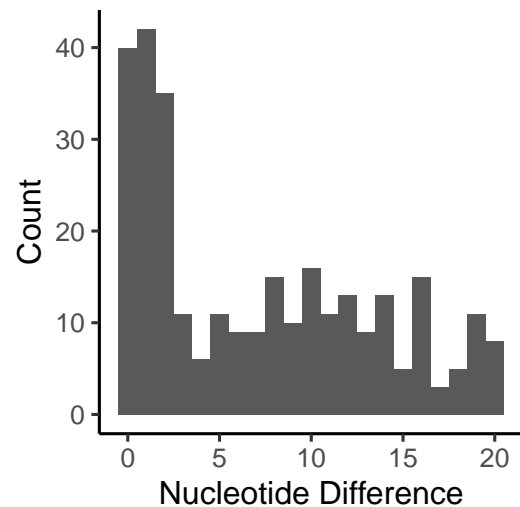
IGHV4-38-2*02

67 sequences assigned
3 (4.5%) exact matches, in which:
2 unique CDR3
1 unique J



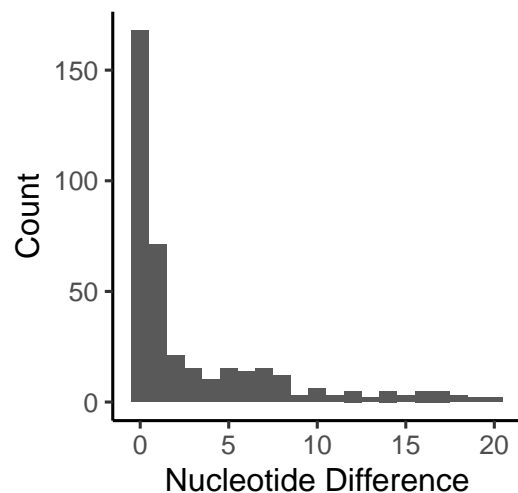
IGHV4-61*02

354 sequences assigned
40 (11.3%) exact matches, in which:
40 unique CDR3
5 unique J



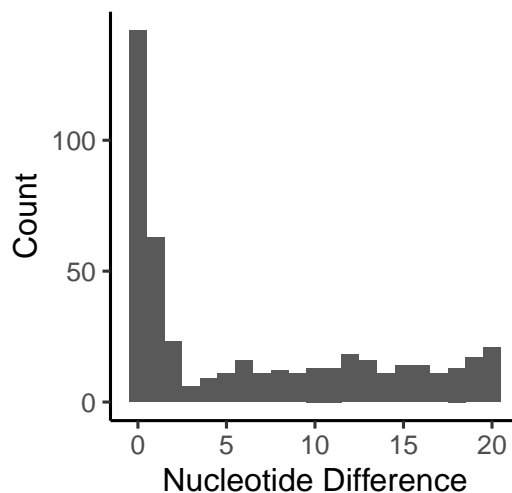
IGHV4-34*01

450 sequences assigned
168 (37.3%) exact matches, in which:
167 unique CDR3
7 unique J



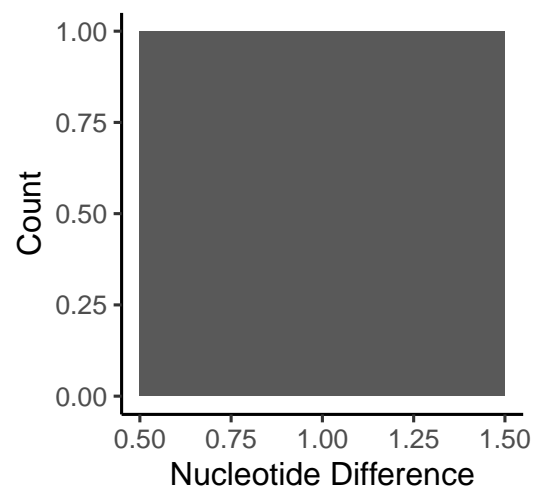
IGHV4-39*01

667 sequences assigned
142 (21.3%) exact matches, in which:
139 unique CDR3
6 unique J



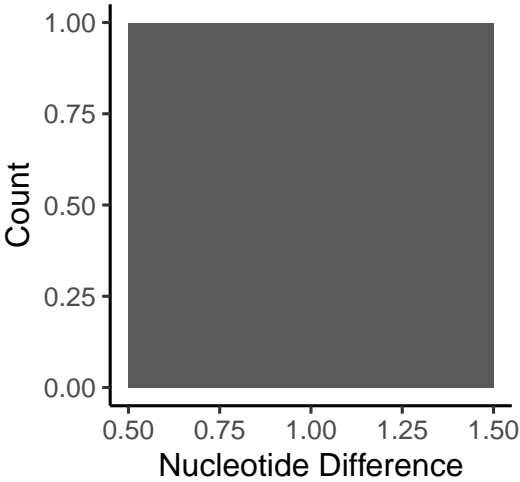
IGHV1/OR15-2*01

1 sequences assigned
No exact matches.



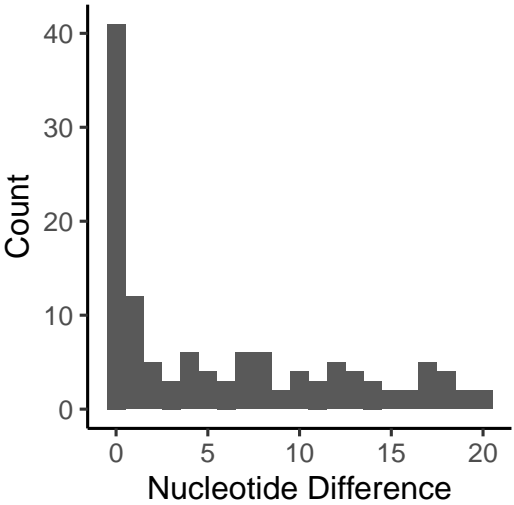
IGHV1/OR15-4*01

1 sequences assigned
No exact matches.



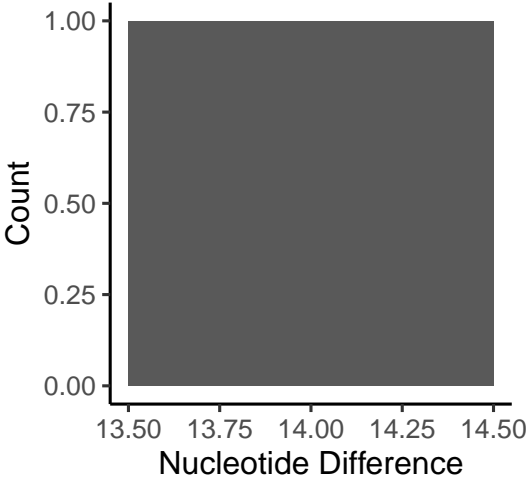
IGHV5-51*03

159 sequences assigned
41 (25.8%) exact matches, in which:
40 unique CDR3
7 unique J



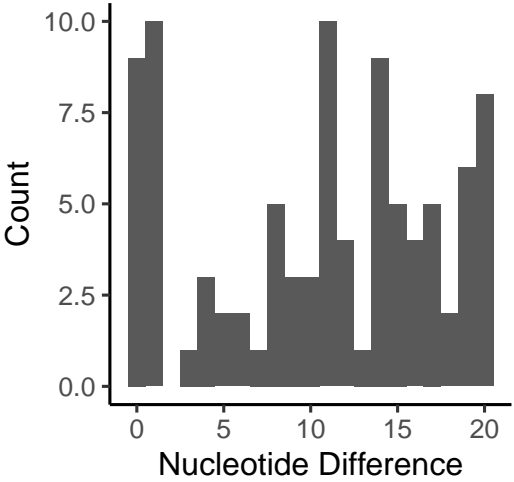
IGHV5-10-1*03

1 sequences assigned
No exact matches.



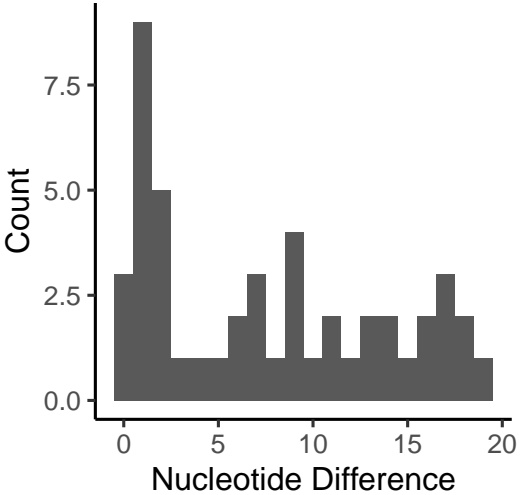
IGHV6-1*01

118 sequences assigned
9 (7.6%) exact matches, in which:
9 unique CDR3
5 unique J

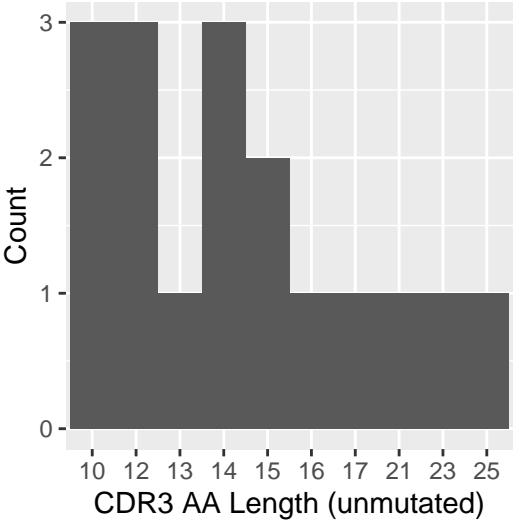


IGHV5-51*01

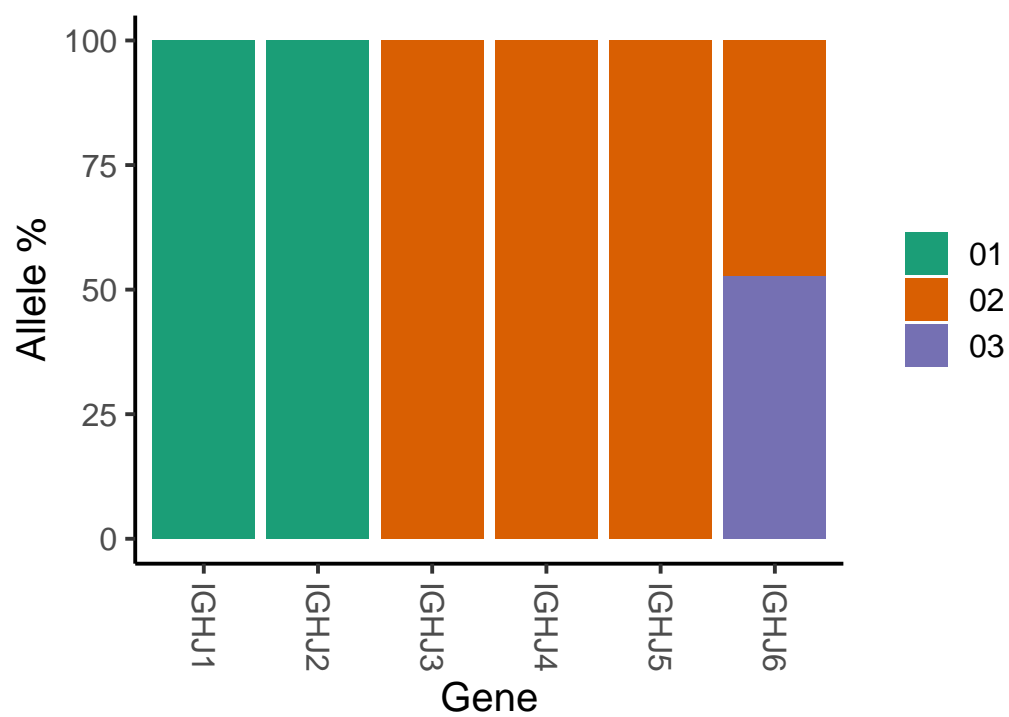
50 sequences assigned
3 (6%) exact matches, in which:
3 unique CDR3
2 unique J



IGHV3-66*02_G51T



Allele Usage



Sequence Count byIGHJ6 allele usage

