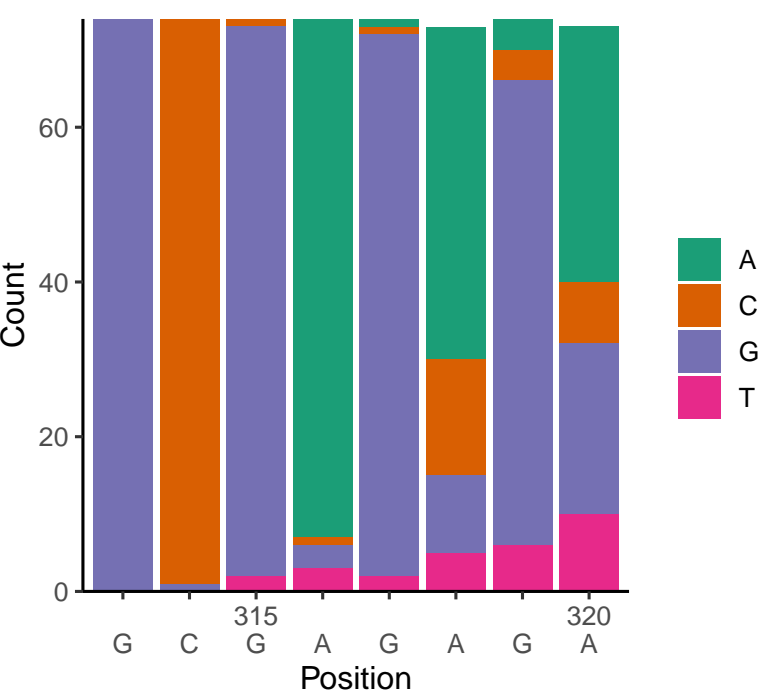


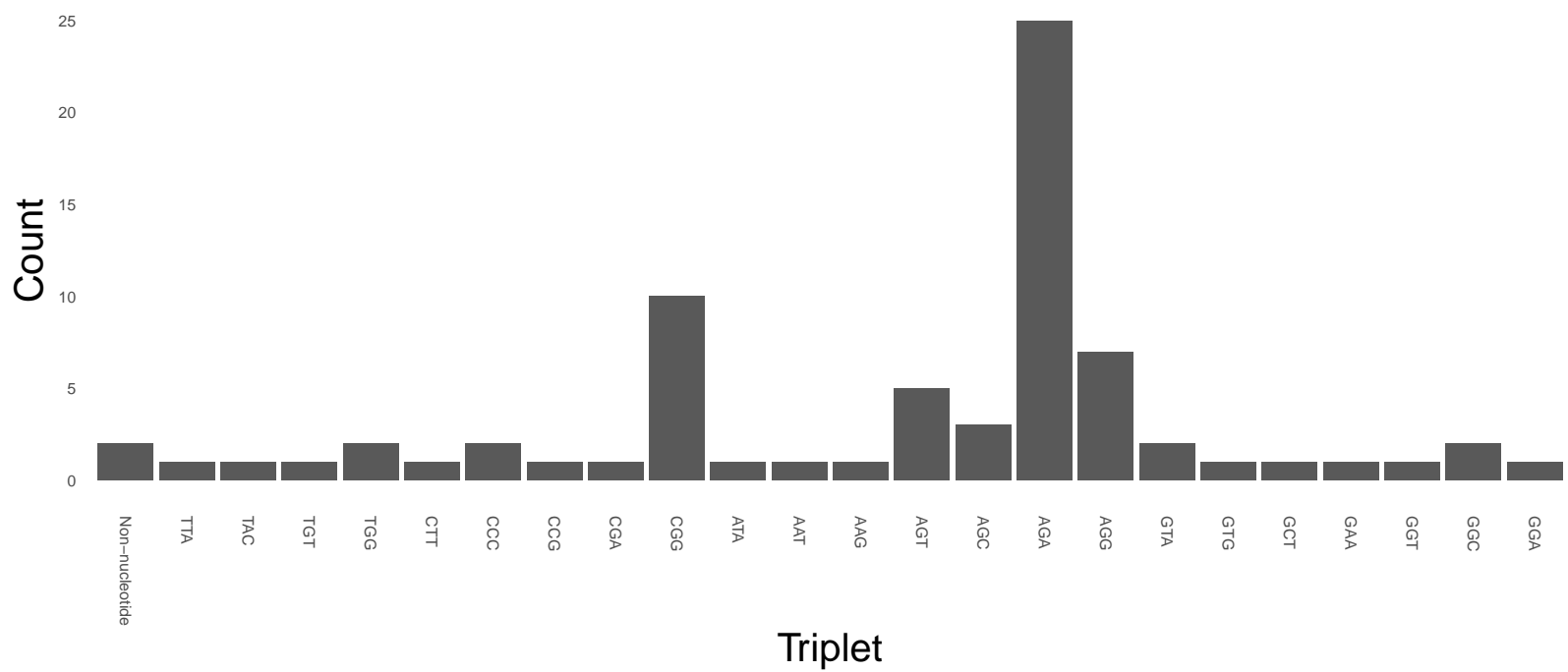
Gene IGHV1-69*08_C191T



Gene IGHV1-69*08_C191T

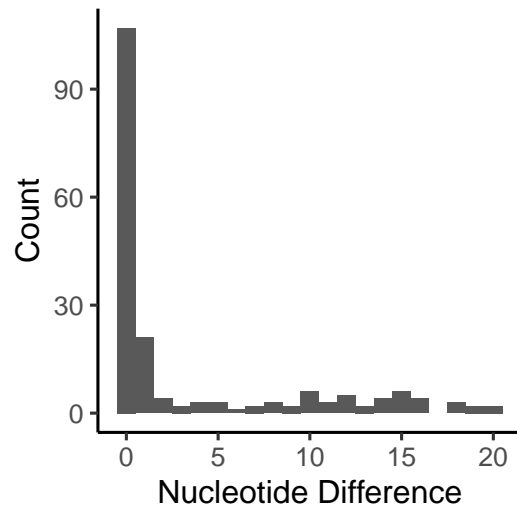


IGHV1-69*08_C191T- Final 3 nucleotides as a triplet



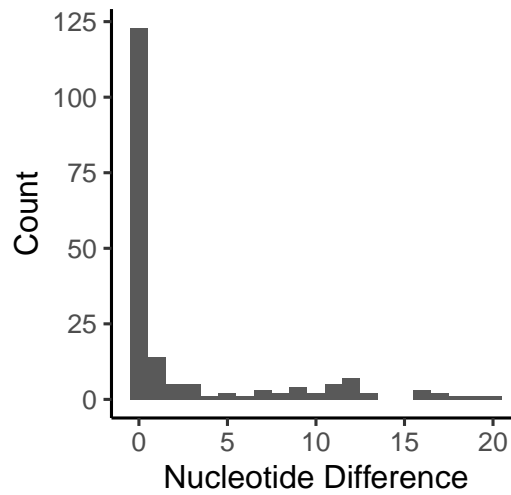
IGHV1-2*02

209 sequences assigned
107 (51.2%) exact matches, in which:
106 unique CDR3
6 unique J



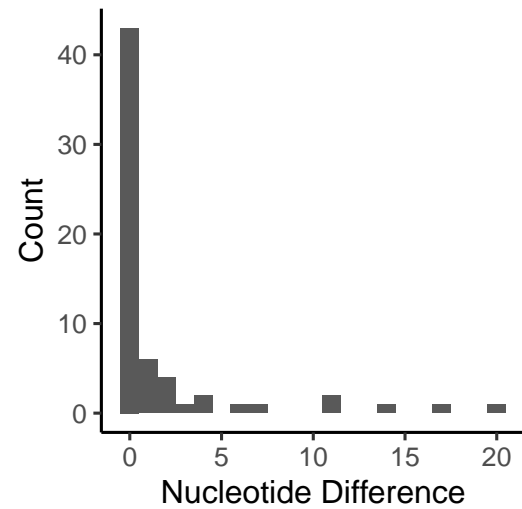
IGHV1-8*01

190 sequences assigned
123 (64.7%) exact matches, in which:
123 unique CDR3
5 unique J



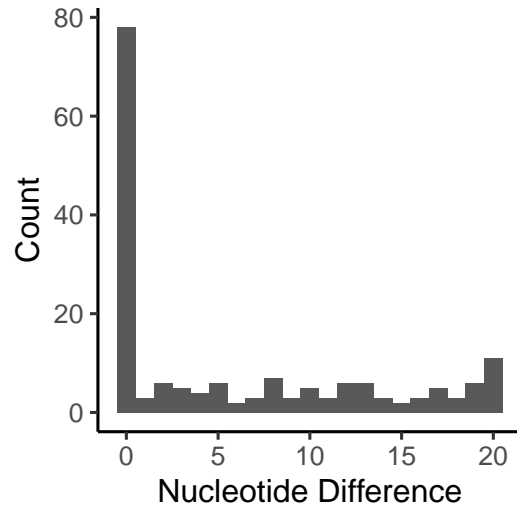
IGHV1-24*01

65 sequences assigned
43 (66.2%) exact matches, in which:
43 unique CDR3
5 unique J



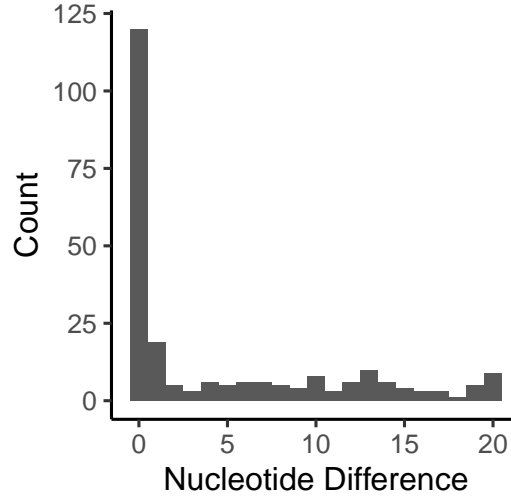
IGHV1-2*06

184 sequences assigned
78 (42.4%) exact matches, in which:
78 unique CDR3
6 unique J



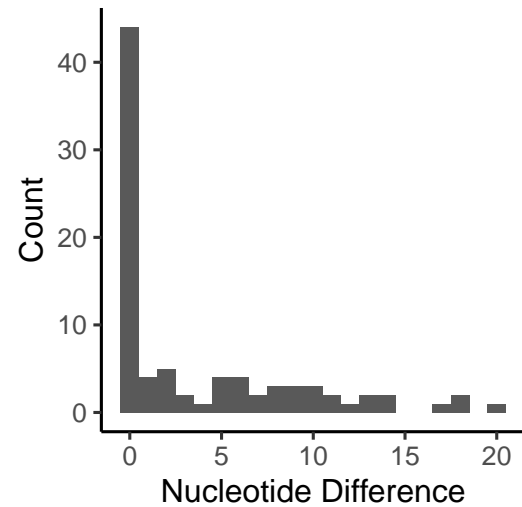
IGHV1-18*01

265 sequences assigned
120 (45.3%) exact matches, in which:
120 unique CDR3
6 unique J



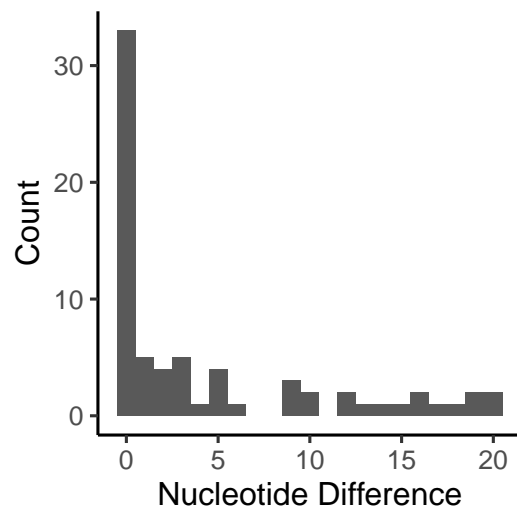
IGHV1-46*01

95 sequences assigned
44 (46.3%) exact matches, in which:
44 unique CDR3
4 unique J



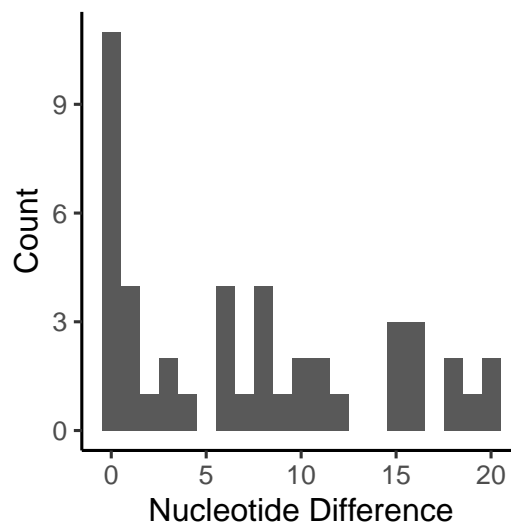
IGHV1-3*01_05

76 sequences assigned
33 (43.4%) exact matches, in which:
33 unique CDR3
5 unique J



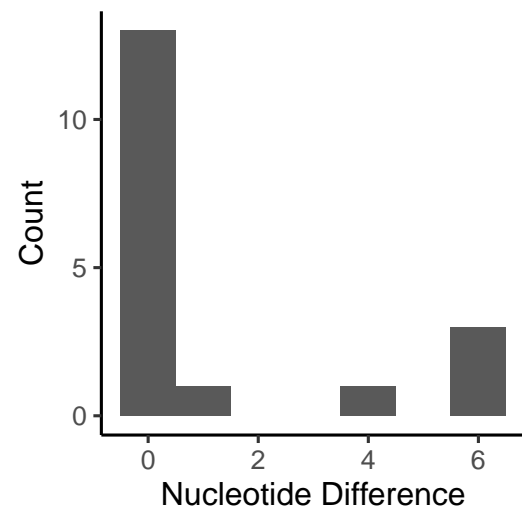
IGHV1-18*04

47 sequences assigned
11 (23.4%) exact matches, in which:
11 unique CDR3
4 unique J



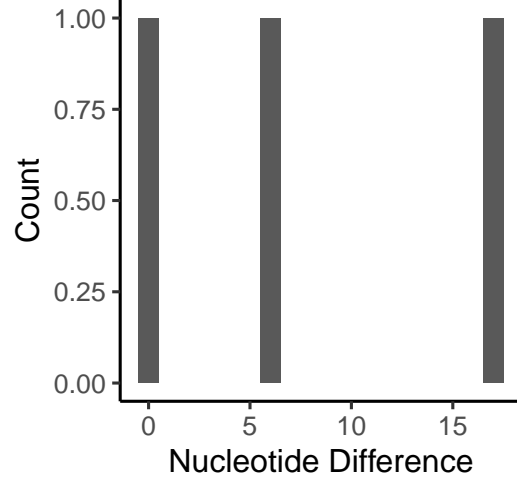
IGHV1-58*02

19 sequences assigned
13 (68.4%) exact matches, in which:
13 unique CDR3
4 unique J



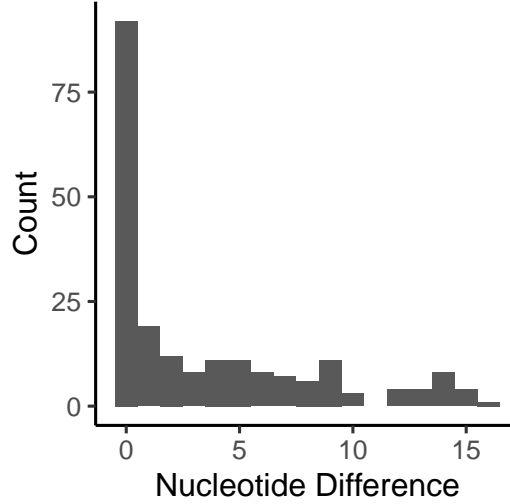
IGHV1-69-2*01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



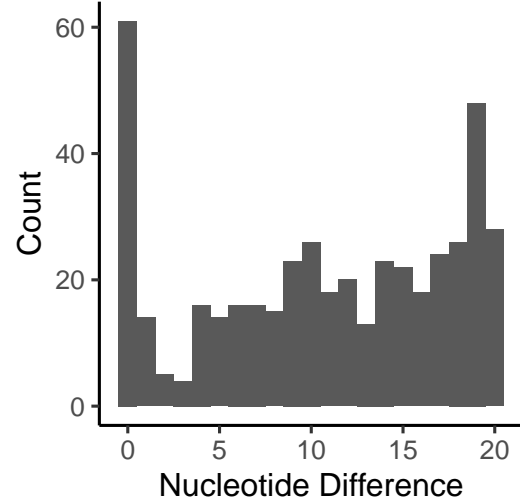
IGHV2-5*02

226 sequences assigned
92 (40.7%) exact matches, in which:
92 unique CDR3
5 unique J



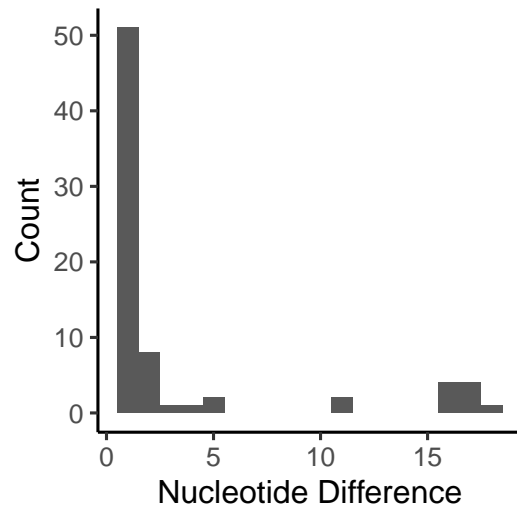
IGHV3-7*01

575 sequences assigned
61 (10.6%) exact matches, in which:
61 unique CDR3
5 unique J



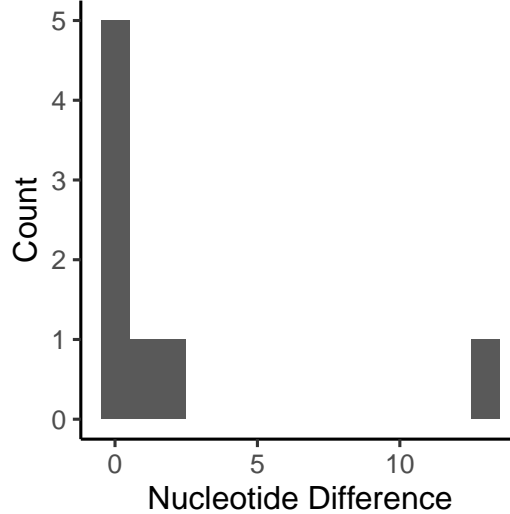
IGHV1-69*17

76 sequences assigned
No exact matches.



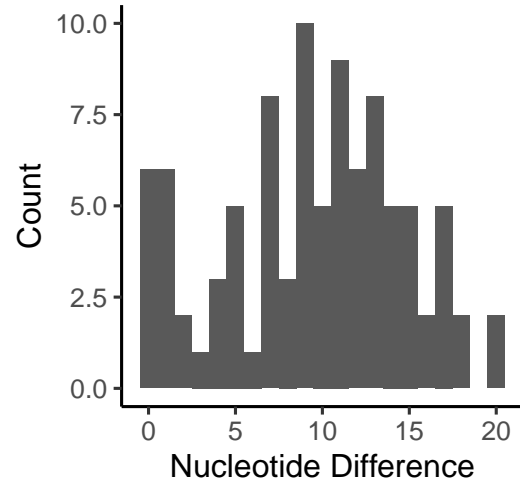
IGHV2-26*01

8 sequences assigned
5 (62.5%) exact matches, in which:
5 unique CDR3
3 unique J



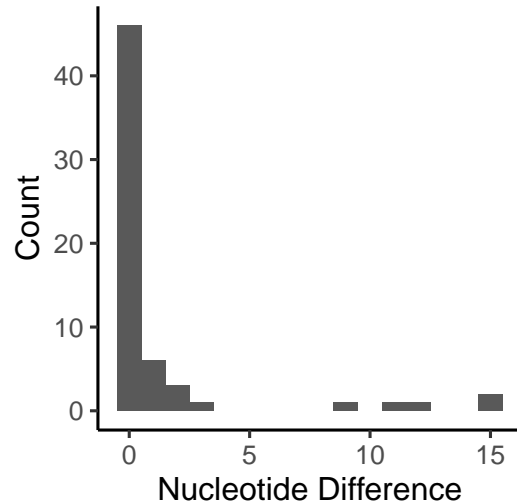
IGHV3-7*03

104 sequences assigned
6 (5.8%) exact matches, in which:
6 unique CDR3
4 unique J



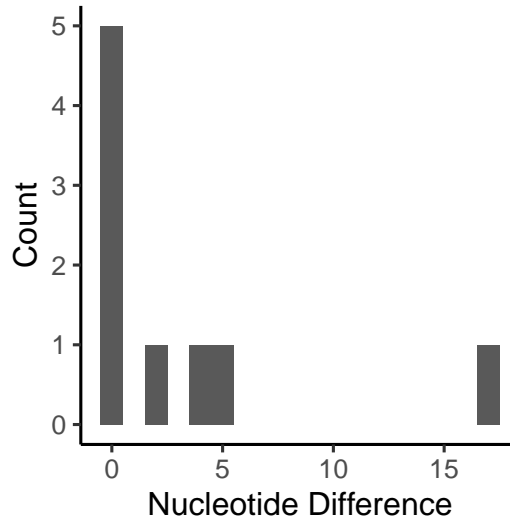
IGHV1-69*08_C191T

74 sequences assigned
46 (62.2%) exact matches, in which:
46 unique CDR3
6 unique J



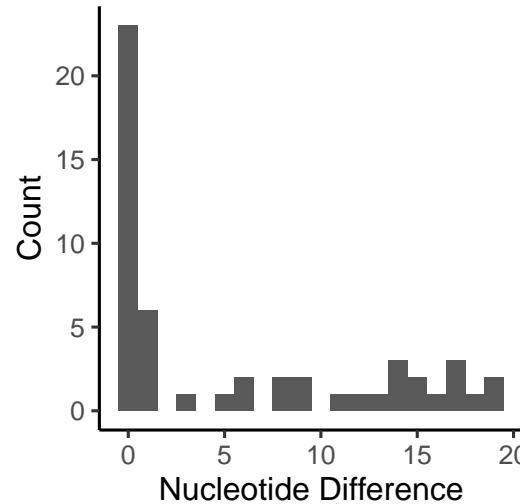
IGHV2-70*01

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



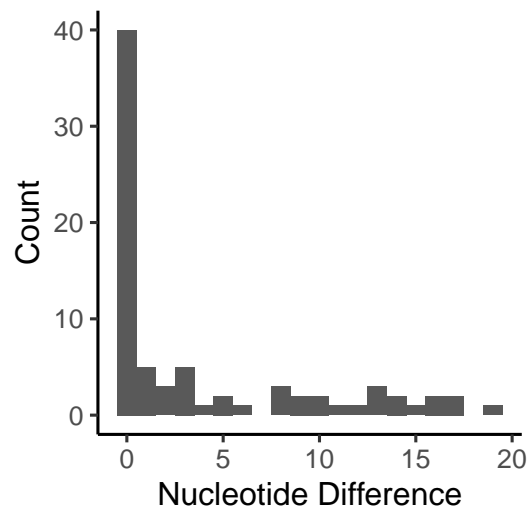
IGHV3-9*01

58 sequences assigned
23 (39.7%) exact matches, in which:
23 unique CDR3
5 unique J



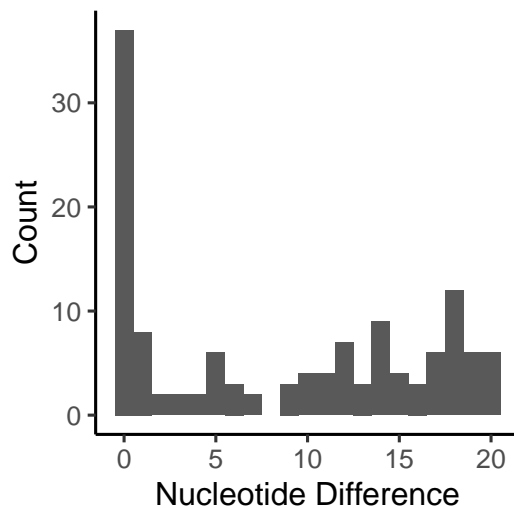
IGHV3-11*01

79 sequences assigned
40 (50.6%) exact matches, in which:
40 unique CDR3
5 unique J



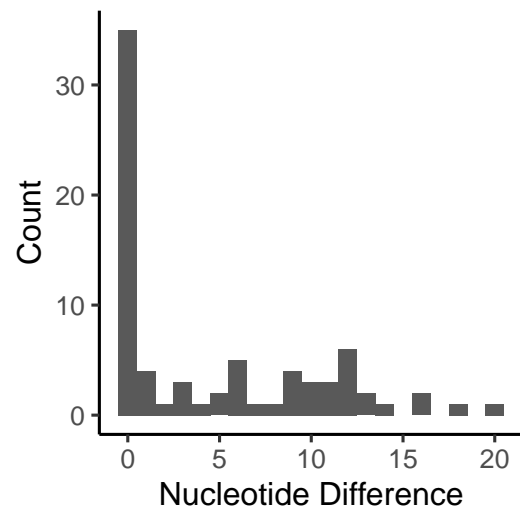
IGHV3-15*01_02

143 sequences assigned
37 (25.9%) exact matches, in which:
37 unique CDR3
4 unique J



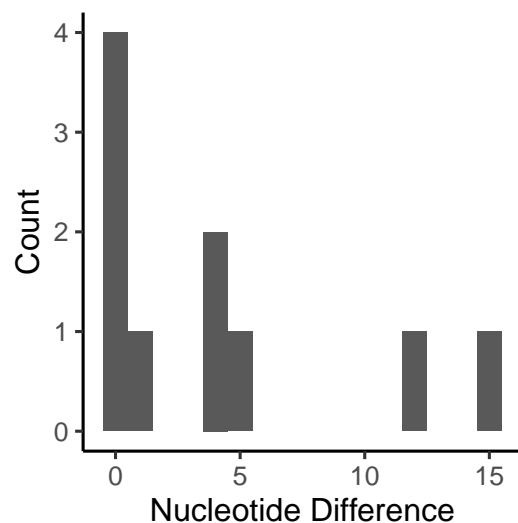
IGHV3-30-3*01

82 sequences assigned
35 (42.7%) exact matches, in which:
34 unique CDR3
4 unique J



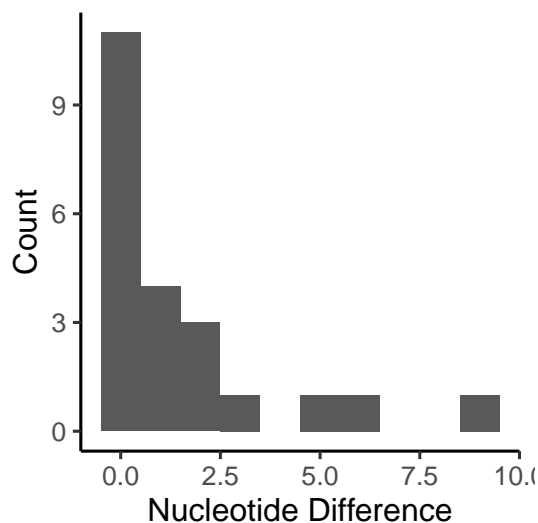
IGHV3-11*06

16 sequences assigned
4 (25%) exact matches, in which:
4 unique CDR3
2 unique J



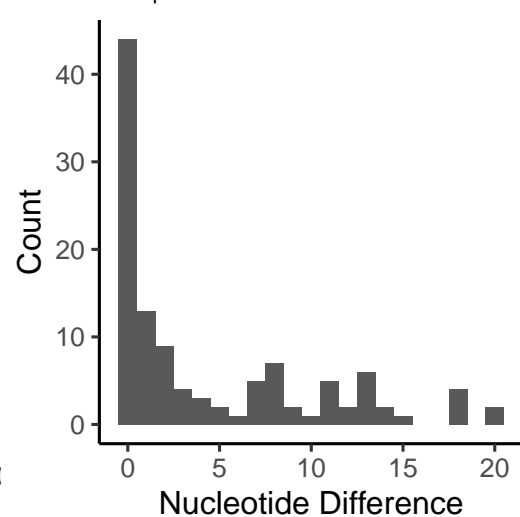
IGHV3-20*01_02

23 sequences assigned
11 (47.8%) exact matches, in which:
11 unique CDR3
3 unique J



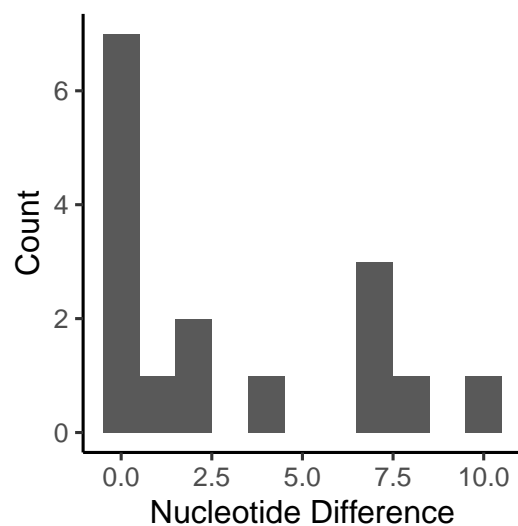
IGHV3-33*01

117 sequences assigned
44 (37.6%) exact matches, in which:
44 unique CDR3
6 unique J



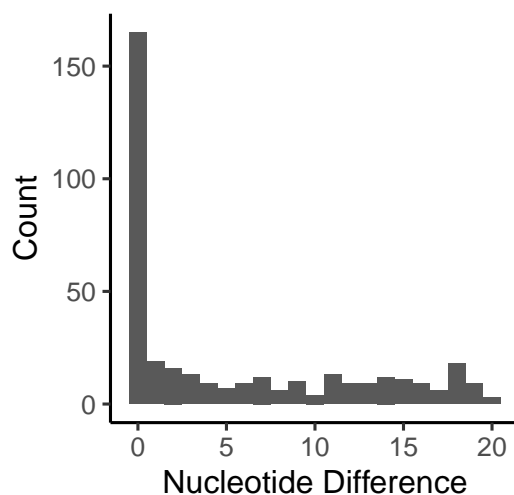
IGHV3-13*01

16 sequences assigned
7 (43.8%) exact matches, in which:
7 unique CDR3
3 unique J



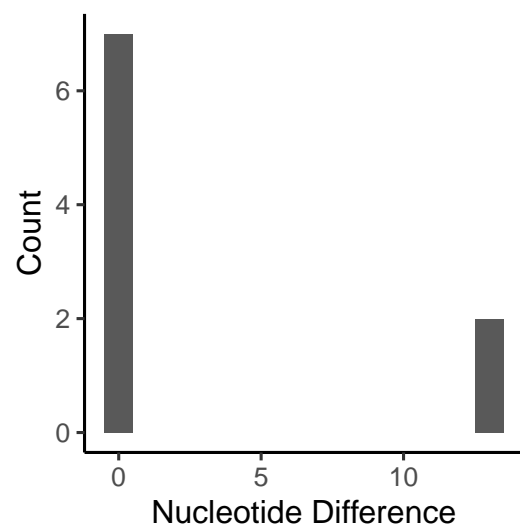
IGHV3-21*01_02

403 sequences assigned
165 (40.9%) exact matches, in which:
165 unique CDR3
6 unique J



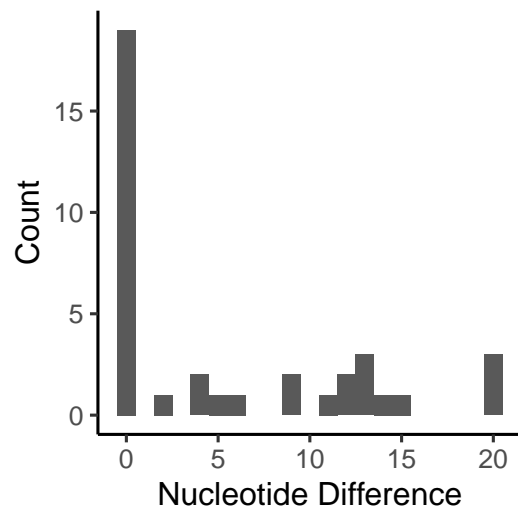
IGHV3-43*01

9 sequences assigned
7 (77.8%) exact matches, in which:
6 unique CDR3
3 unique J



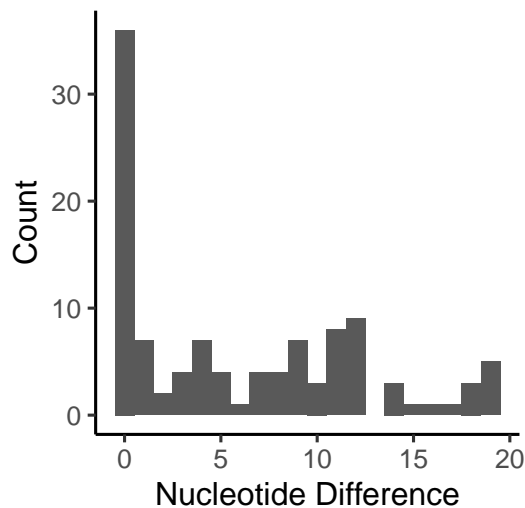
IGHV3-43*02

38 sequences assigned
19 (50%) exact matches, in which:
18 unique CDR3
3 unique J



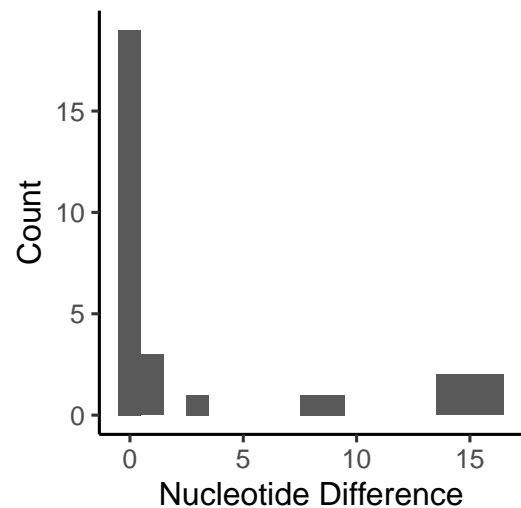
IGHV3-48*03

126 sequences assigned
36 (28.6%) exact matches, in which:
35 unique CDR3
5 unique J



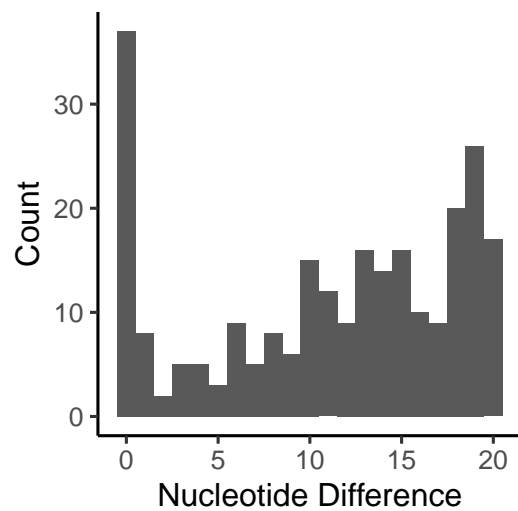
IGHV3-53*04

35 sequences assigned
19 (54.3%) exact matches, in which:
19 unique CDR3
4 unique J



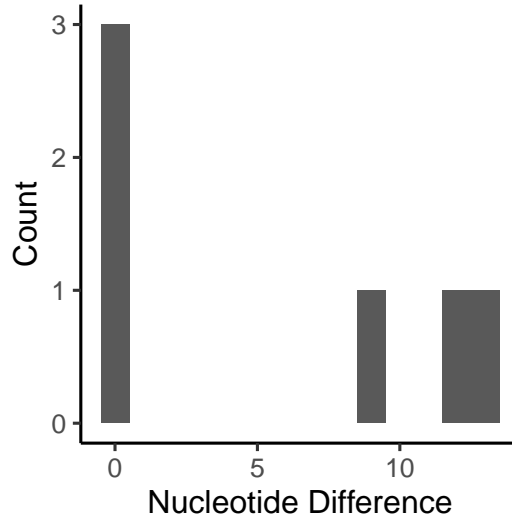
IGHV3-48*01

312 sequences assigned
37 (11.9%) exact matches, in which:
36 unique CDR3
5 unique J



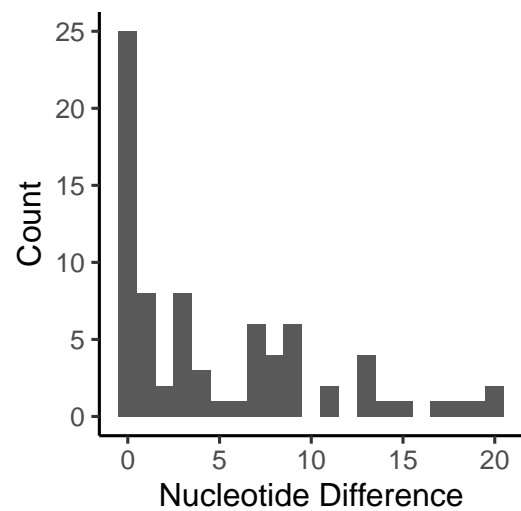
IGHV3-49*04

8 sequences assigned
3 (37.5%) exact matches, in which:
3 unique CDR3
2 unique J



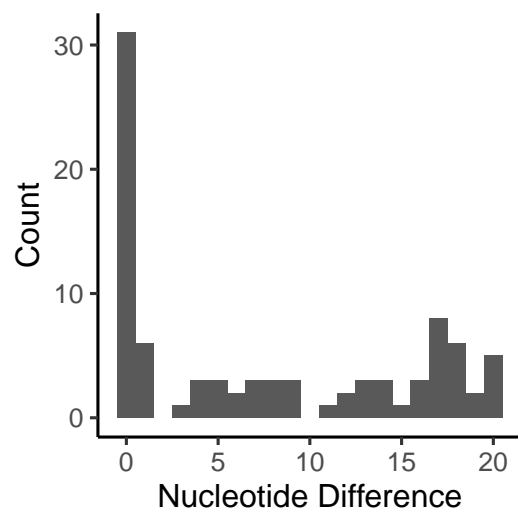
IGHV3-53*01_02

80 sequences assigned
25 (31.2%) exact matches, in which:
25 unique CDR3
5 unique J



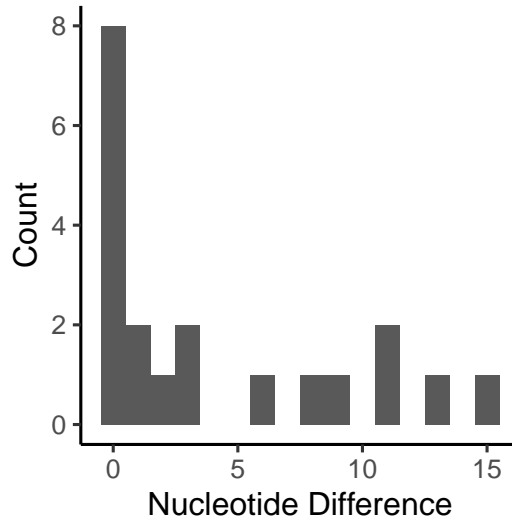
IGHV3-48*02

129 sequences assigned
31 (24%) exact matches, in which:
30 unique CDR3
5 unique J



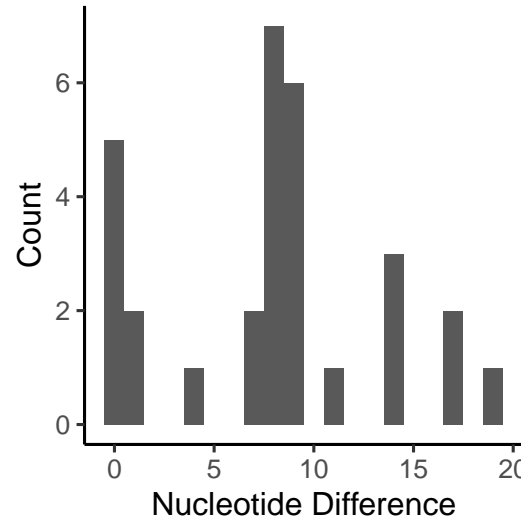
IGHV3-49*03_05

20 sequences assigned
8 (40%) exact matches, in which:
8 unique CDR3
2 unique J



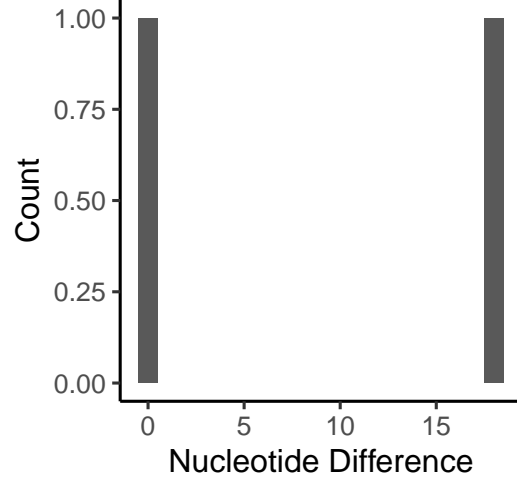
IGHV3-64*01

31 sequences assigned
5 (16.1%) exact matches, in which:
5 unique CDR3
4 unique J



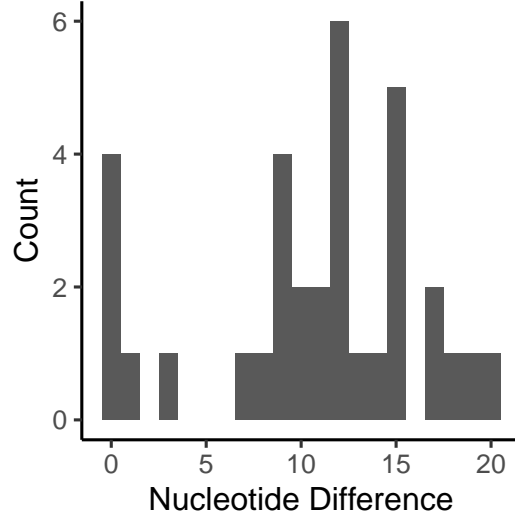
IGHV3-64*02_07

5 sequences assigned
1 (20%) exact matches, in which:
1 unique CDR3
1 unique J



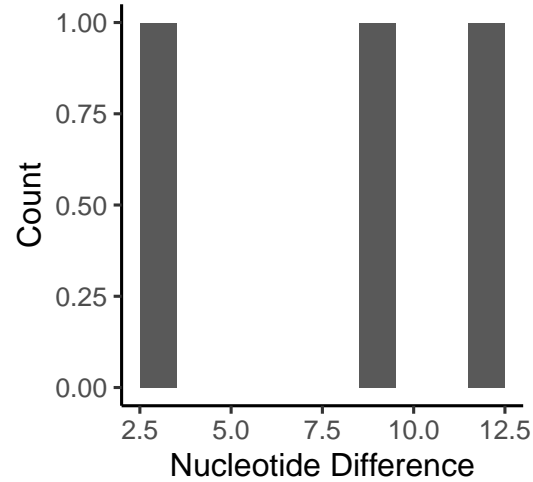
IGHV3-72*01

41 sequences assigned
4 (9.8%) exact matches, in which:
4 unique CDR3
3 unique J



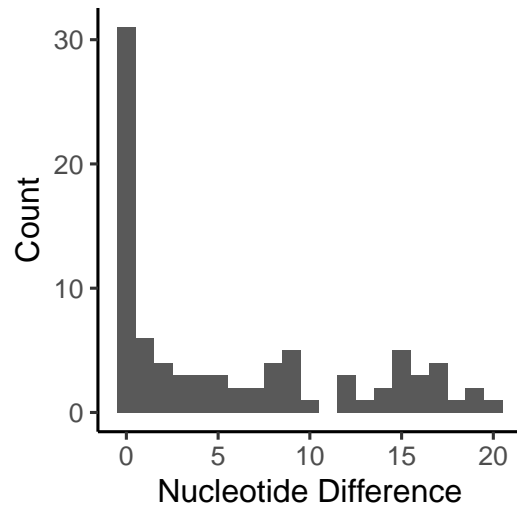
IGHV3-43D*04

3 sequences assigned
No exact matches.



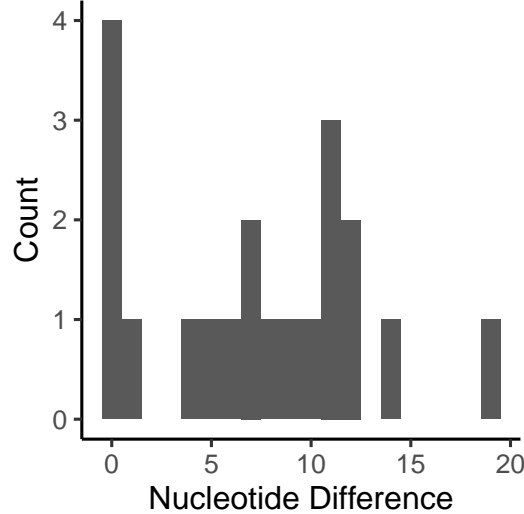
IGHV3-66*02

104 sequences assigned
31 (29.8%) exact matches, in which:
30 unique CDR3
5 unique J



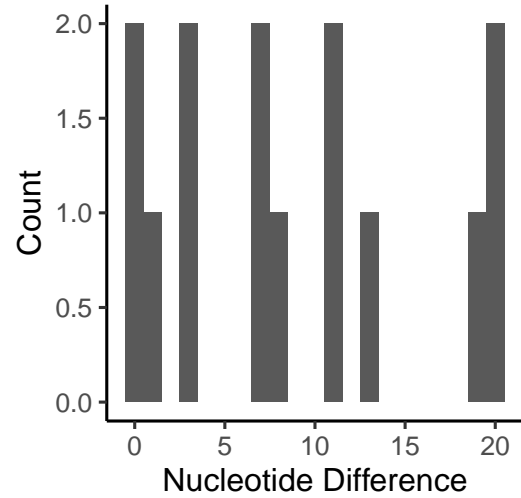
IGHV3-73*01_02

20 sequences assigned
4 (20%) exact matches, in which:
4 unique CDR3
2 unique J



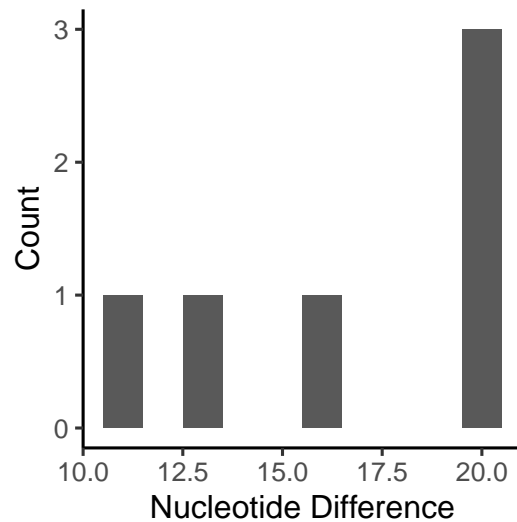
IGHV3-64D*06

15 sequences assigned
2 (13.3%) exact matches, in which:
2 unique CDR3
2 unique J



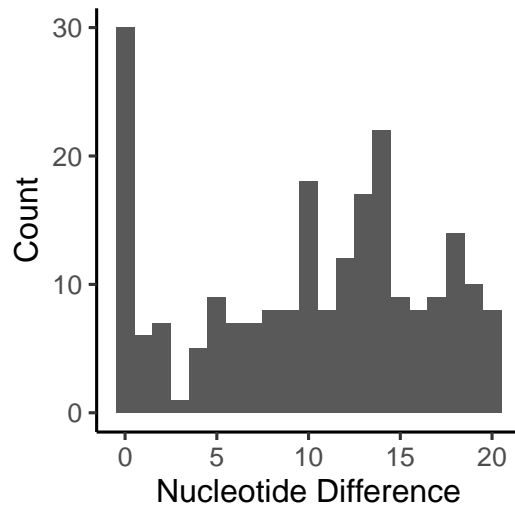
IGHV3-69-1*01

34 sequences assigned
No exact matches.



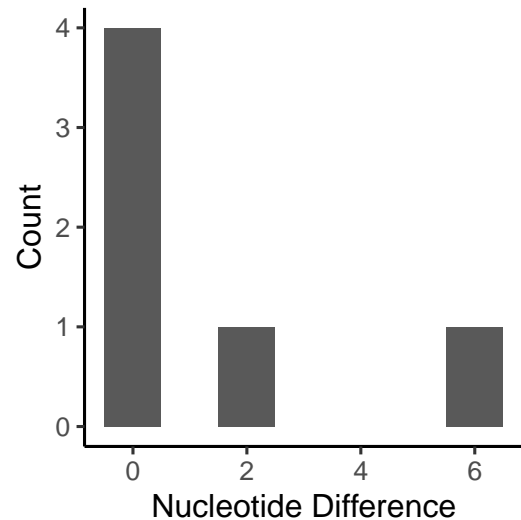
IGHV3-74*01_02

262 sequences assigned
30 (11.5%) exact matches, in which:
30 unique CDR3
4 unique J



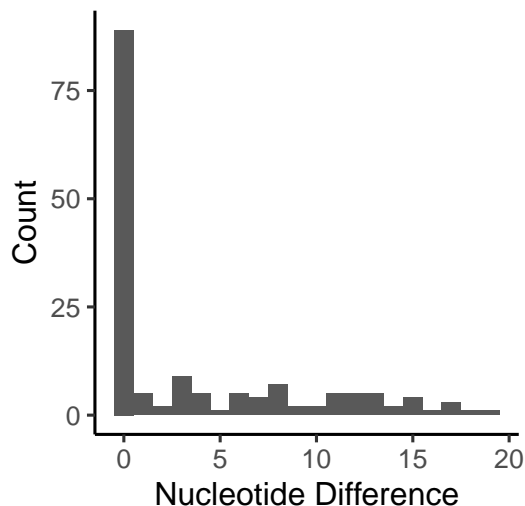
IGHV3-64D*08

6 sequences assigned
4 (66.7%) exact matches, in which:
4 unique CDR3
3 unique J



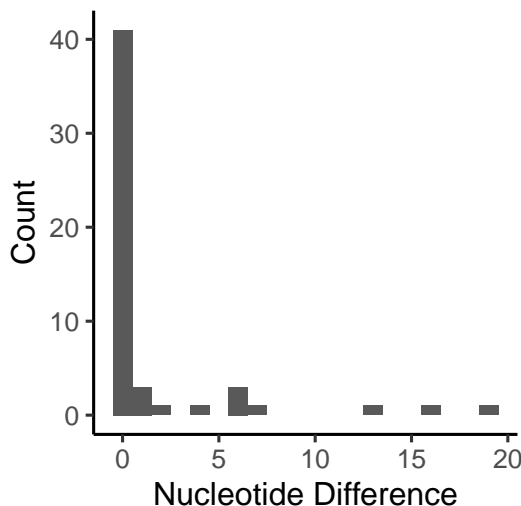
IGHV4-4*07

175 sequences assigned
89 (50.9%) exact matches, in which:
85 unique CDR3
5 unique J



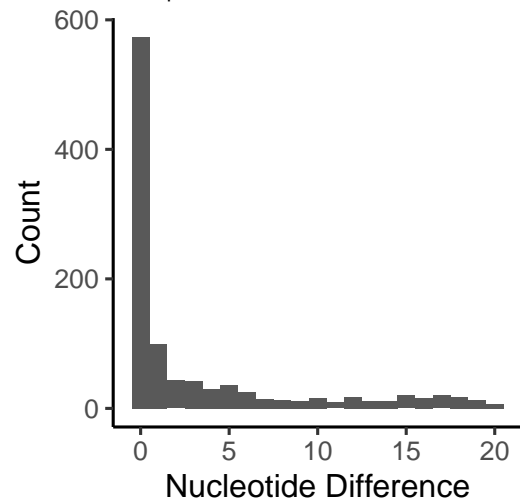
IGHV4-30-2*01

54 sequences assigned
41 (75.9%) exact matches, in which:
40 unique CDR3
4 unique J



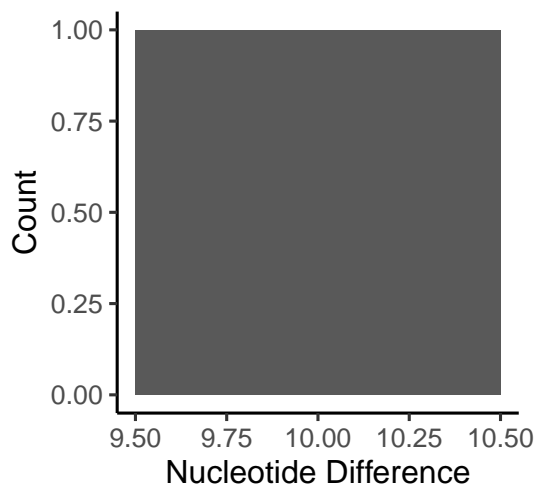
IGHV4-34*01_02

1186 sequences assigned
574 (48.4%) exact matches, in which:
556 unique CDR3
6 unique J



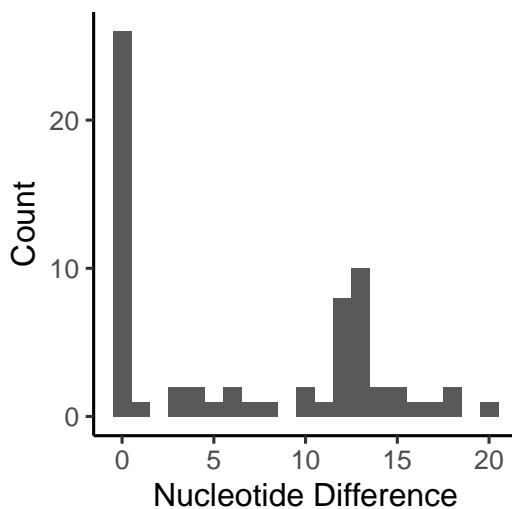
IGHV4-28*03

1 sequences assigned
No exact matches.



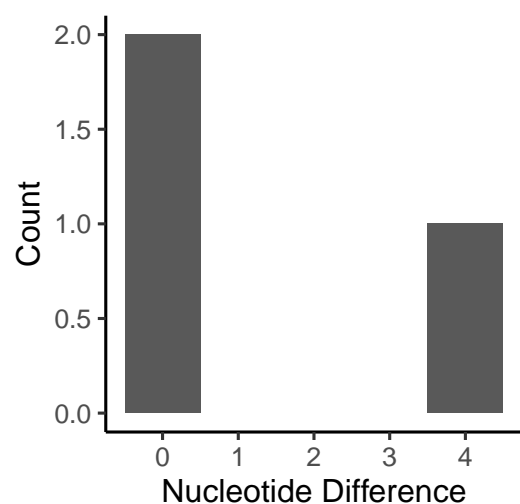
IGHV4-30-4*01

69 sequences assigned
26 (37.7%) exact matches, in which:
24 unique CDR3
5 unique J



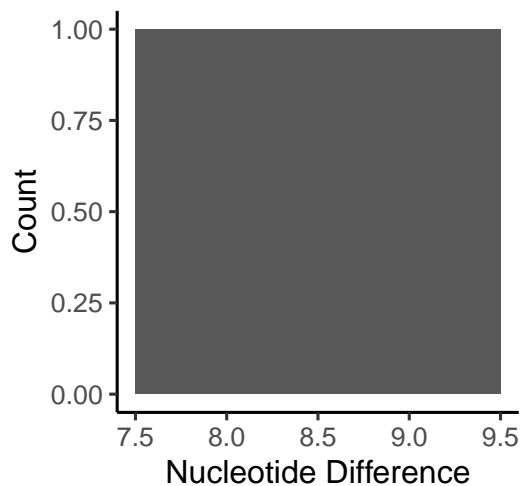
IGHV4-38-2*01

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



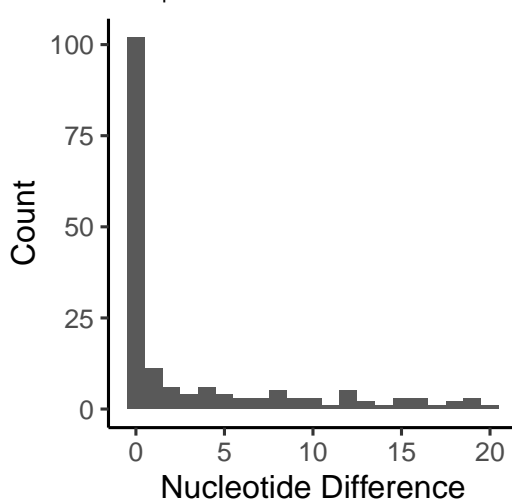
IGHV4-28*01_07

2 sequences assigned
No exact matches.



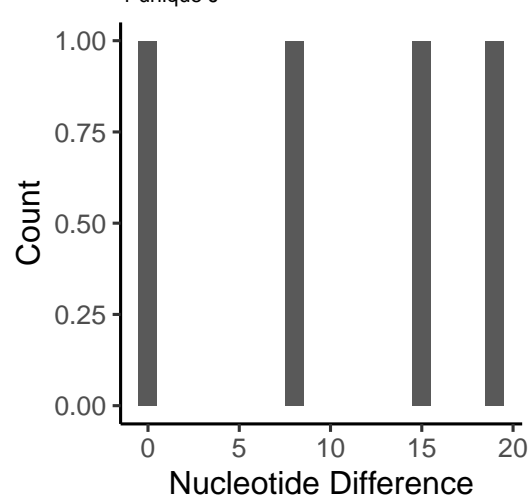
IGHV4-31*03_04

191 sequences assigned
102 (53.4%) exact matches, in which:
101 unique CDR3
6 unique J



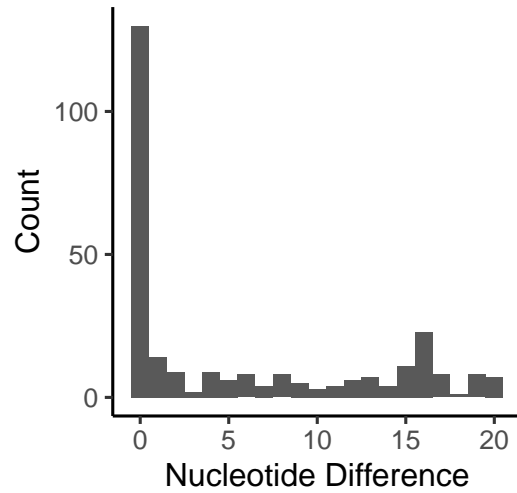
IGHV4-38-2*02

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



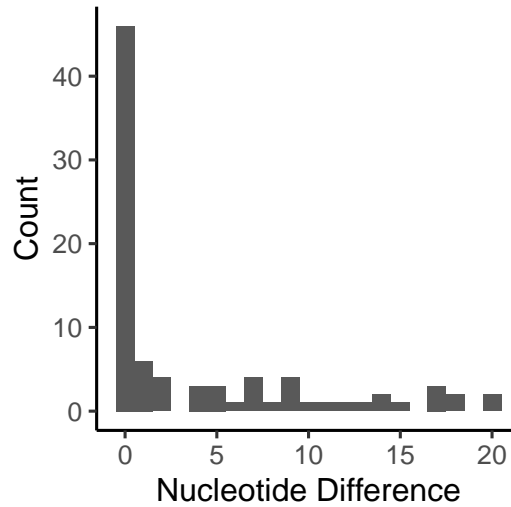
IGHV4-39*07

415 sequences assigned
130 (31.3%) exact matches, in which:
129 unique CDR3
5 unique J



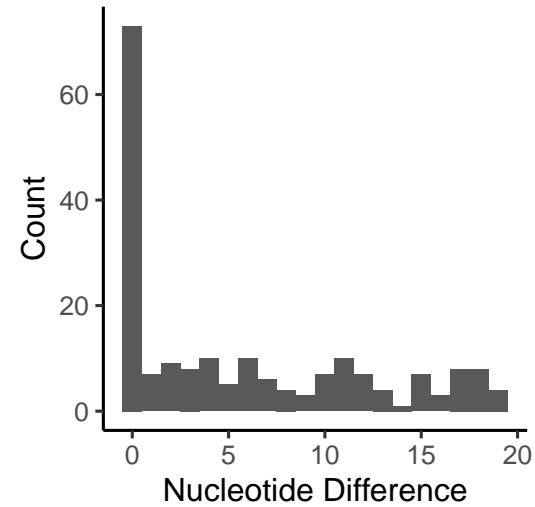
IGHV4-61*01

94 sequences assigned
46 (48.9%) exact matches, in which:
45 unique CDR3
6 unique J



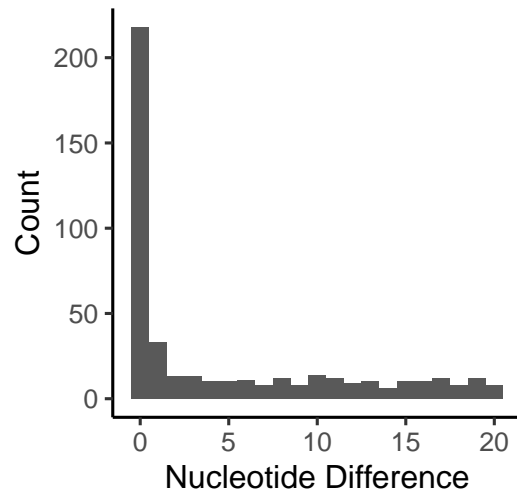
IGHV6-1*01_02

196 sequences assigned
73 (37.2%) exact matches, in which:
73 unique CDR3
5 unique J



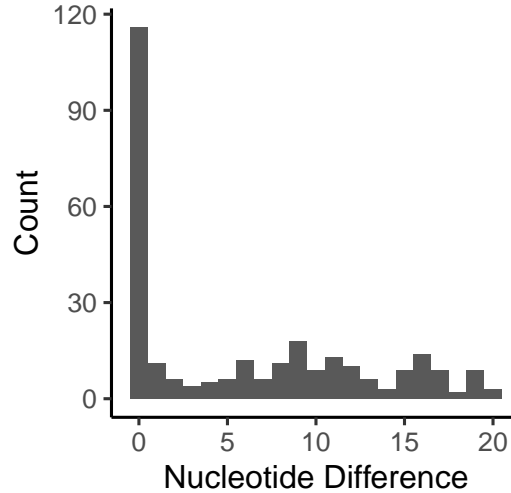
IGHV4-39*01_05

630 sequences assigned
218 (34.6%) exact matches, in which:
214 unique CDR3
6 unique J



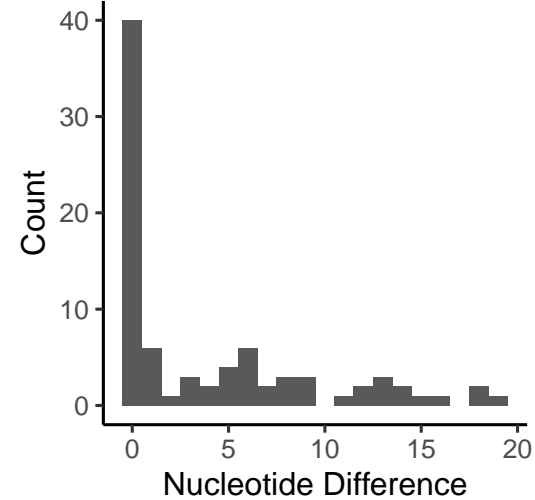
IGHV4-61*02

315 sequences assigned
116 (36.8%) exact matches, in which:
115 unique CDR3
5 unique J



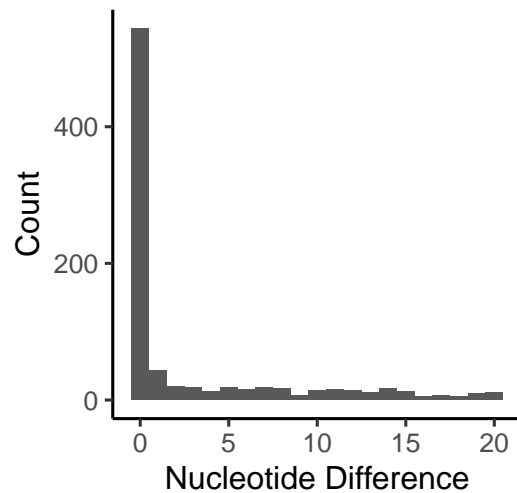
IGHV7-4-1*02

85 sequences assigned
40 (47.1%) exact matches, in which:
40 unique CDR3
6 unique J



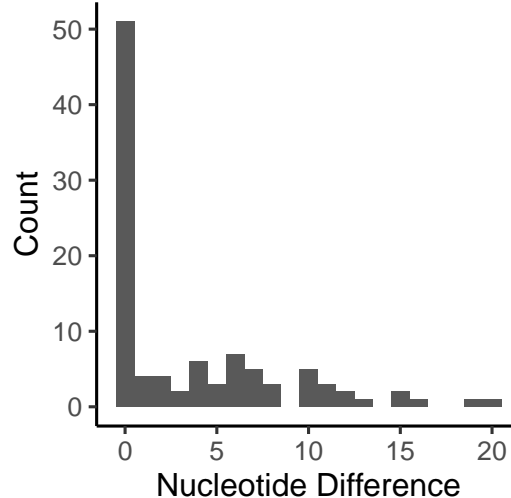
IGHV4-59*01_07

889 sequences assigned
544 (61.2%) exact matches, in which:
522 unique CDR3
6 unique J



IGHV5-51*01_03

107 sequences assigned
51 (47.7%) exact matches, in which:
51 unique CDR3
5 unique J





Warning – no inferred sequences found.