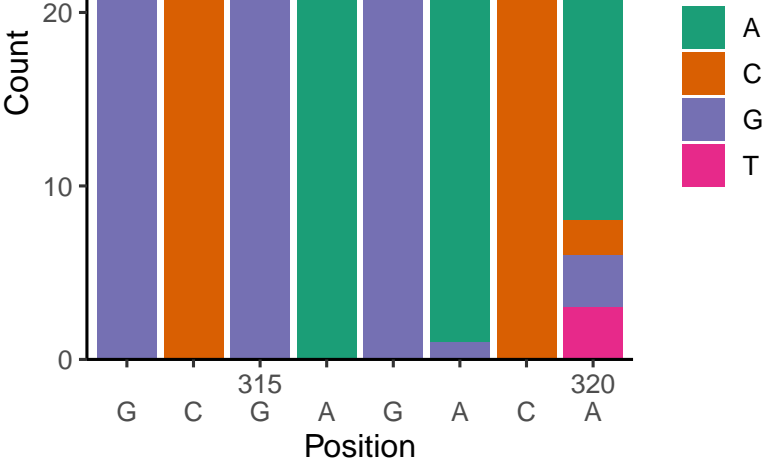


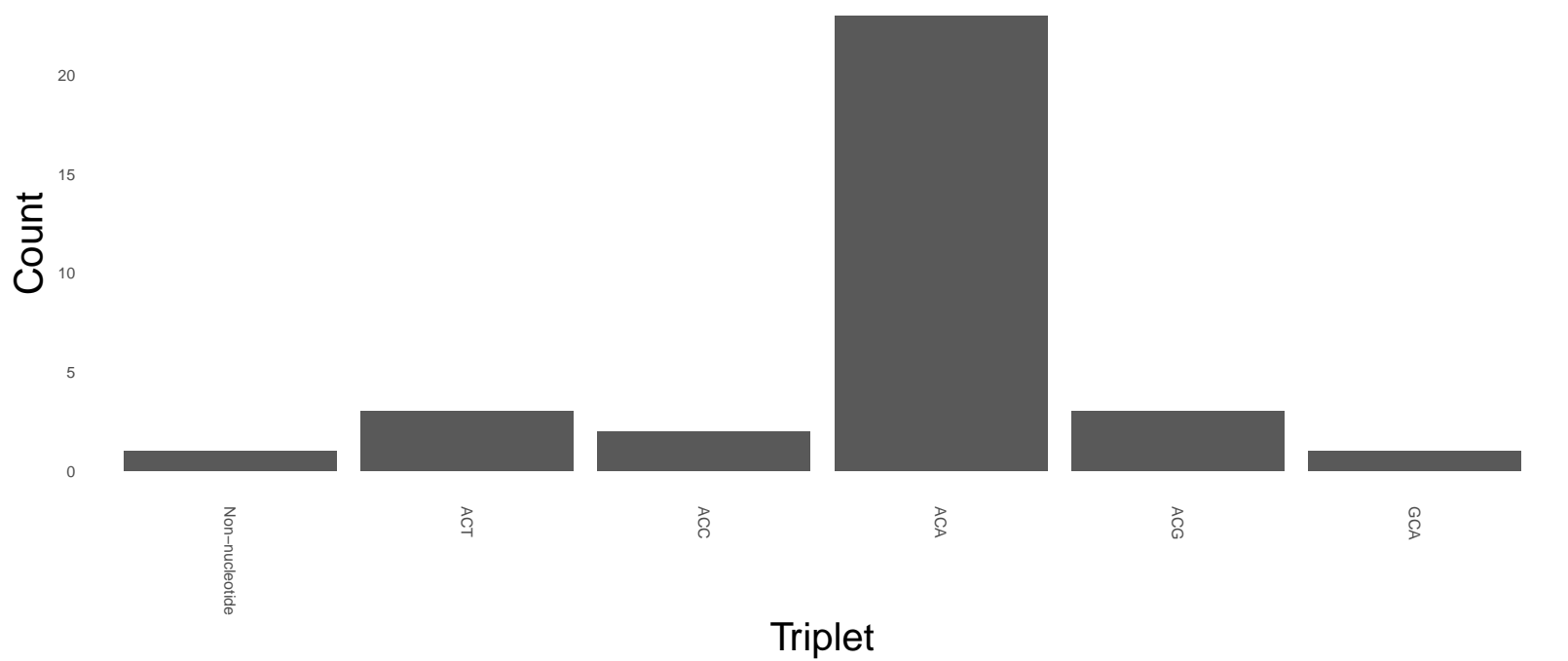
Gene IGHV4-61*07_T288C



Gene IGHV4-61*07_T288C

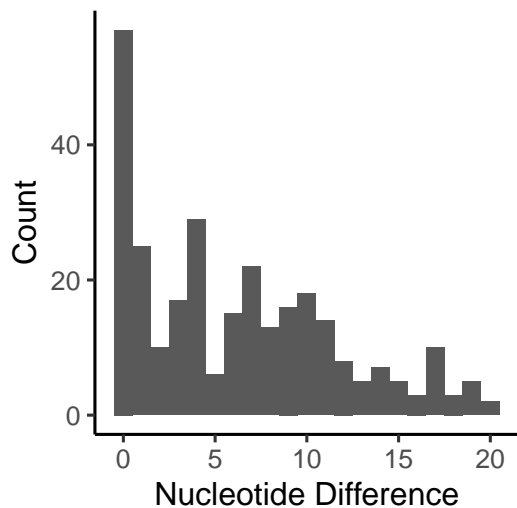


IGHV4-61*07_T288C- Final 3 nucleotides as a triplet



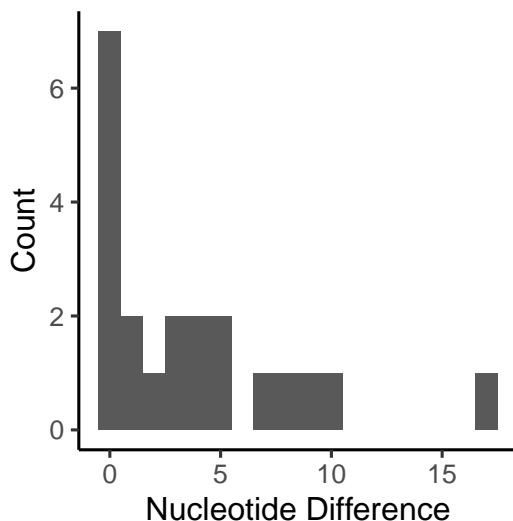
IGHV1-2*02

314 sequences assigned
57 (18.2%) exact matches, in which:
57 unique CDR3
5 unique J



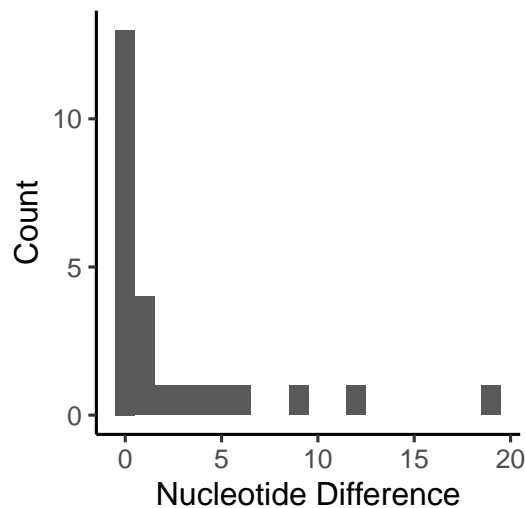
IGHV1-8*01

23 sequences assigned
7 (30.4%) exact matches, in which:
7 unique CDR3
2 unique J



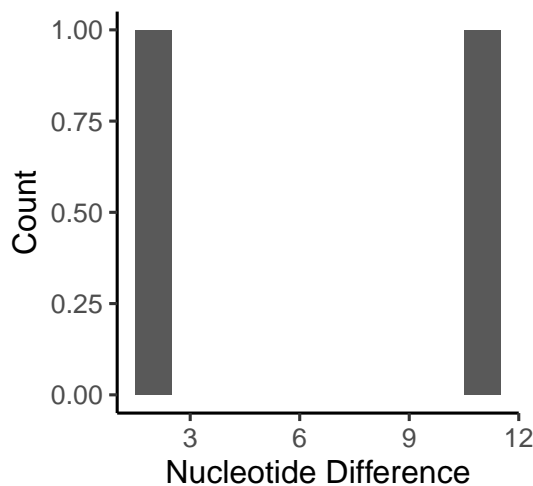
IGHV1-24*01

29 sequences assigned
13 (44.8%) exact matches, in which:
13 unique CDR3
4 unique J



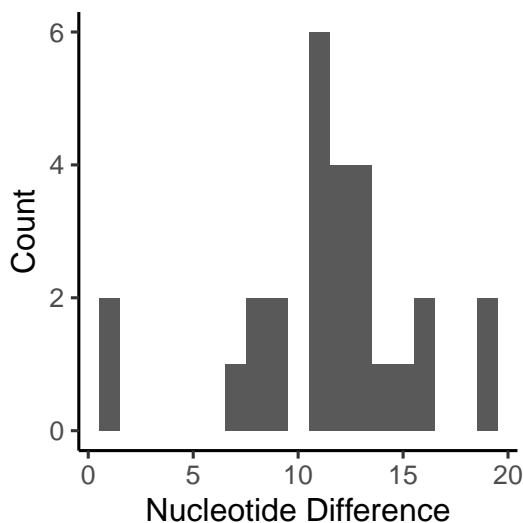
IGHV1-3*01

3 sequences assigned
No exact matches.



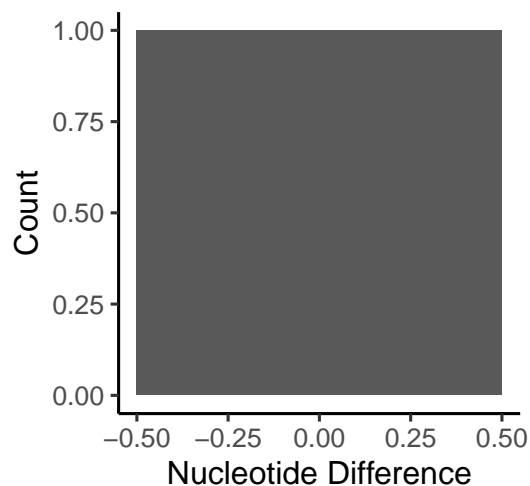
IGHV1-8*02

27 sequences assigned
No exact matches.



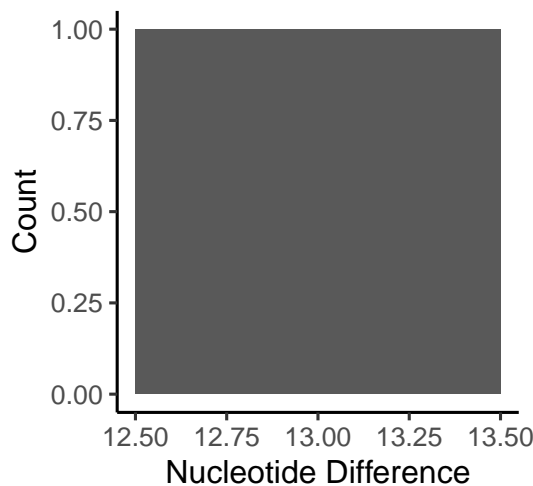
IGHV1-38-4*01

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



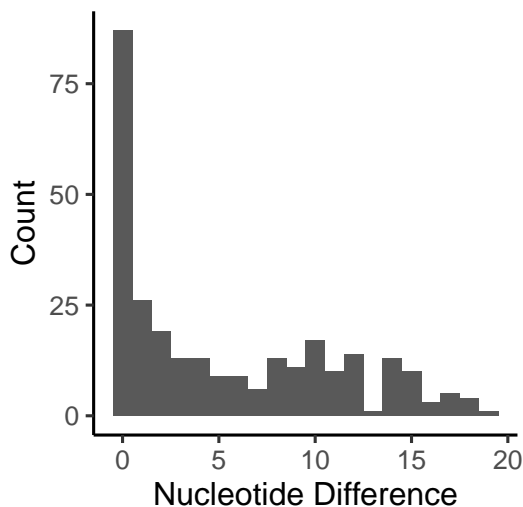
IGHV1-3*04

1 sequences assigned
No exact matches.



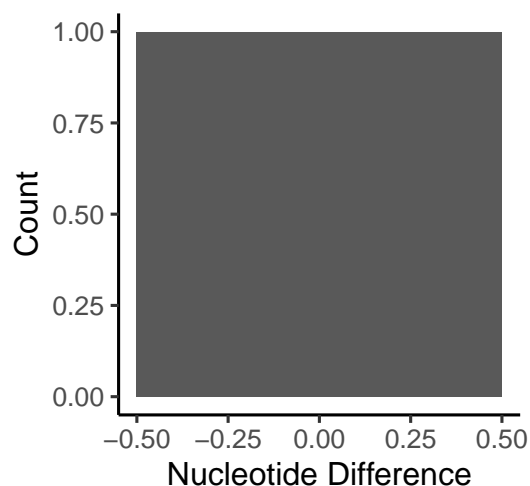
IGHV1-18*01

297 sequences assigned
87 (29.3%) exact matches, in which:
84 unique CDR3
7 unique J



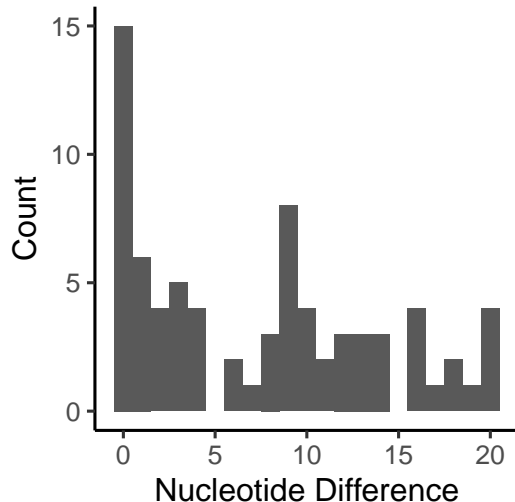
IGHV1-45*02

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



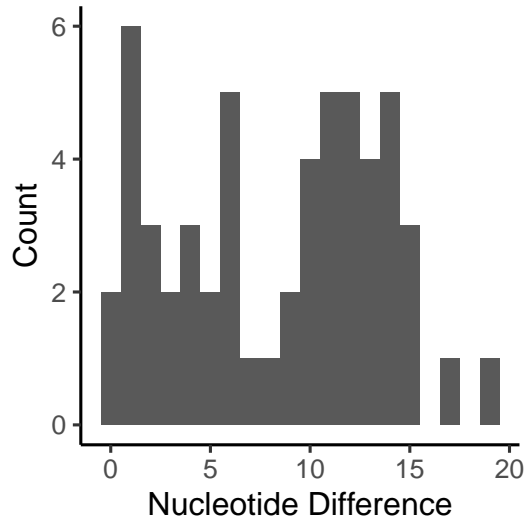
IGHV1-46*01

106 sequences assigned
15 (14.2%) exact matches, in which:
15 unique CDR3
5 unique J



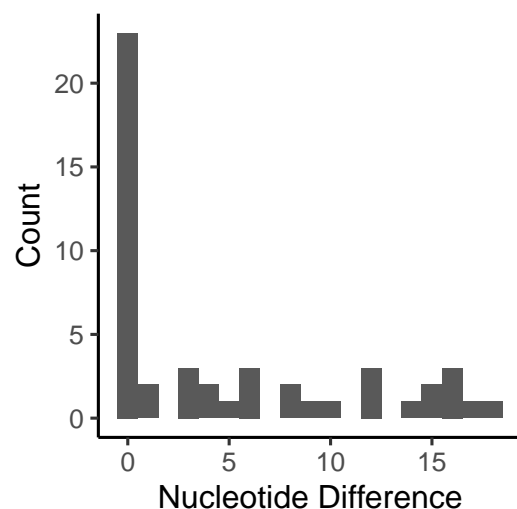
IGHV1-69*06

57 sequences assigned
2 (3.5%) exact matches, in which:
2 unique CDR3
2 unique J



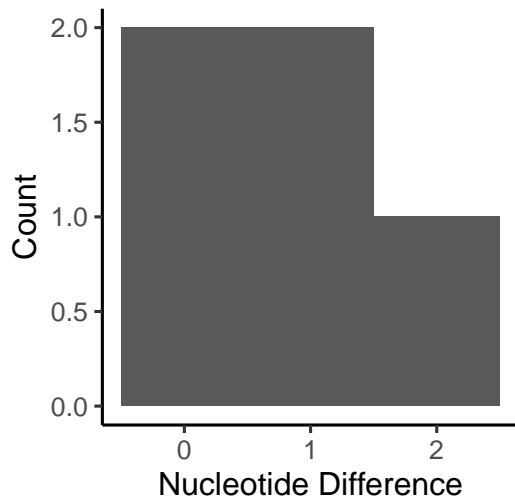
IGHV2-5*02

49 sequences assigned
23 (46.9%) exact matches, in which:
23 unique CDR3
4 unique J



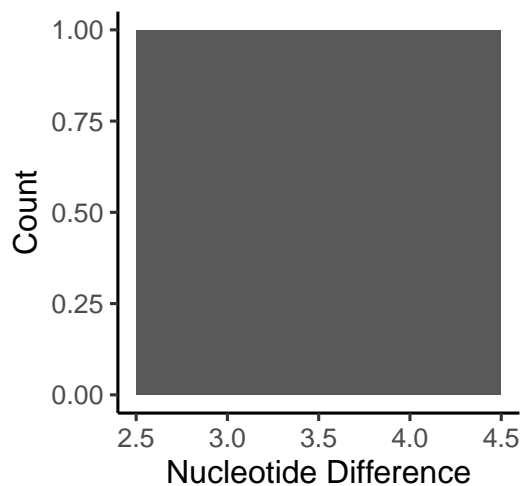
IGHV1-58*01

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



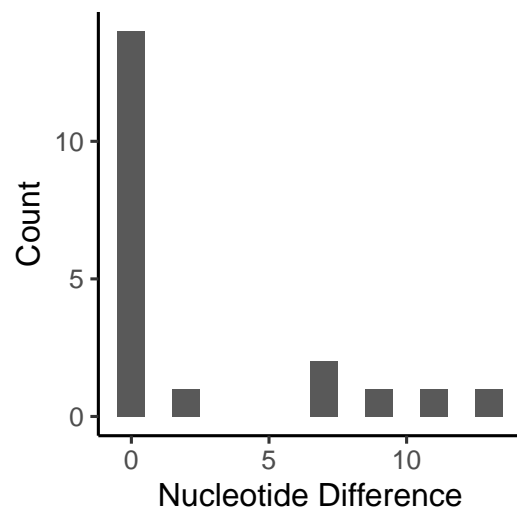
IGHV1-NL1*01

2 sequences assigned
No exact matches.



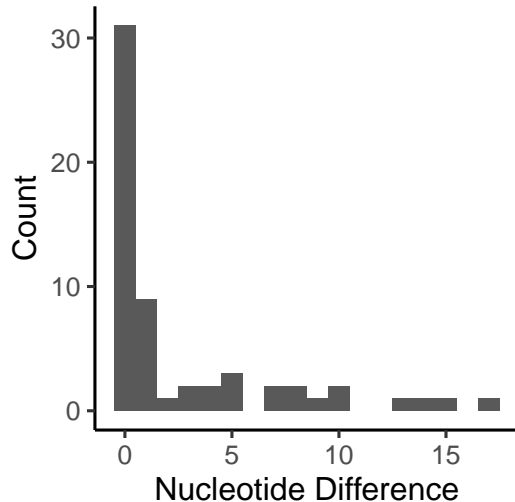
IGHV2-26*01

20 sequences assigned
14 (70%) exact matches, in which:
14 unique CDR3
4 unique J



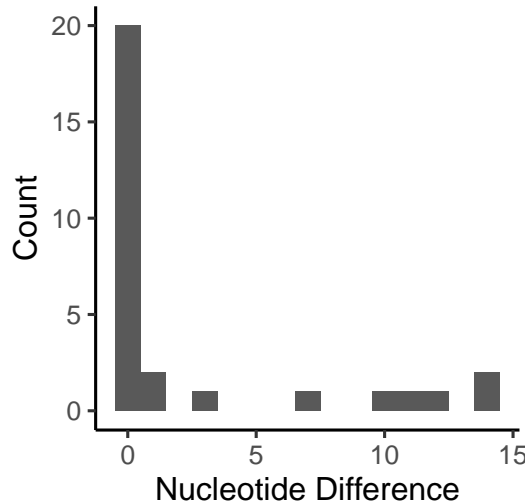
IGHV1-69*04

67 sequences assigned
31 (46.3%) exact matches, in which:
31 unique CDR3
5 unique J



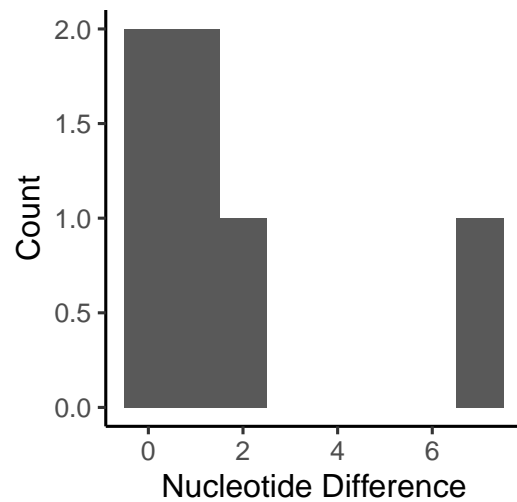
IGHV2-5*01

29 sequences assigned
20 (69%) exact matches, in which:
19 unique CDR3
5 unique J



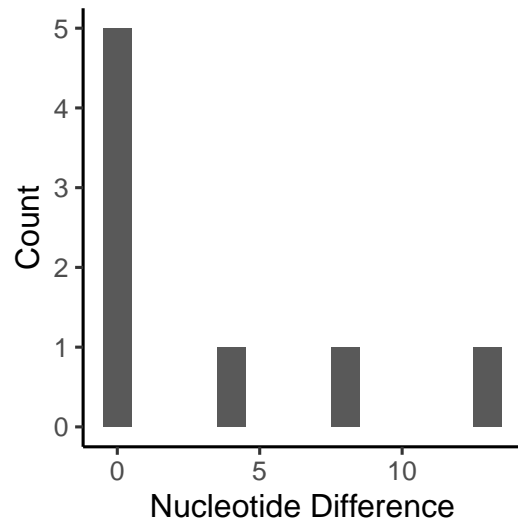
IGHV2-70*01

7 sequences assigned
2 (28.6%) exact matches, in which:
2 unique CDR3
2 unique J



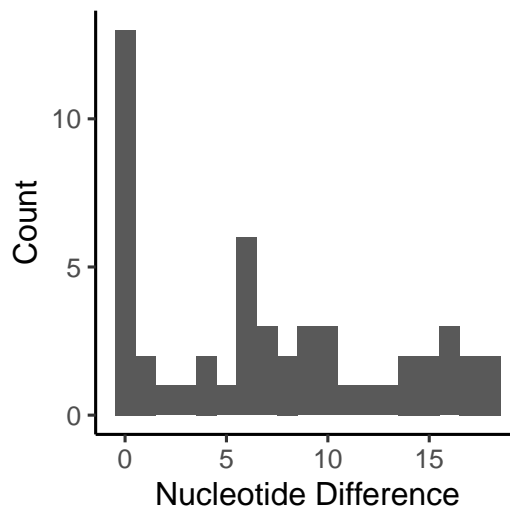
IGHV2–70*15

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



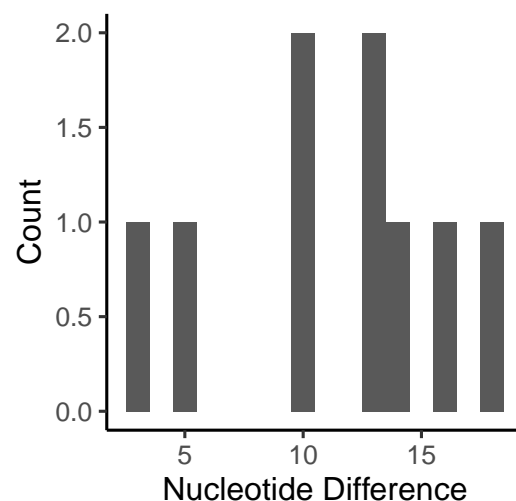
IGHV3–9*01

57 sequences assigned
13 (22.8%) exact matches, in which:
13 unique CDR3
4 unique J



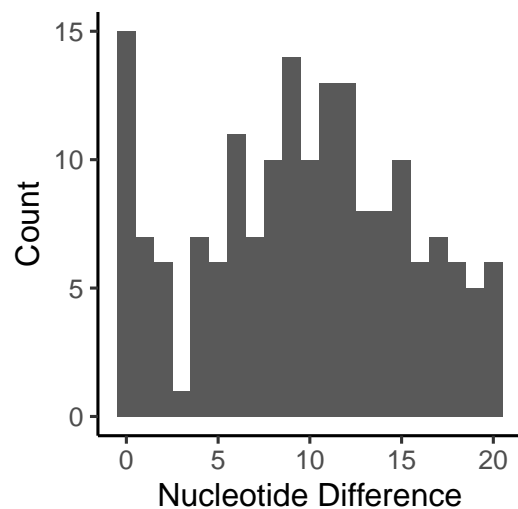
IGHV3–11*06

9 sequences assigned
No exact matches.



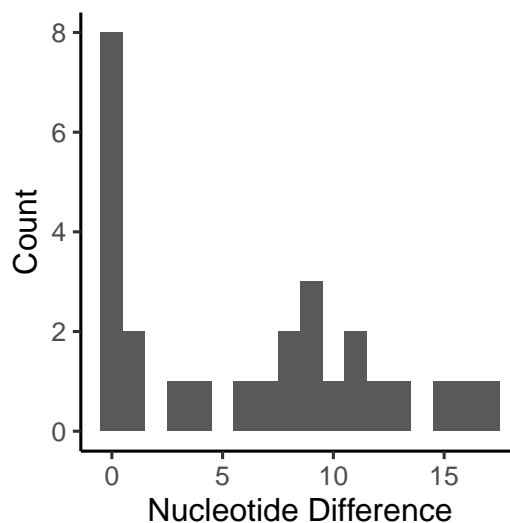
IGHV3–7*01

199 sequences assigned
15 (7.5%) exact matches, in which:
15 unique CDR3
4 unique J



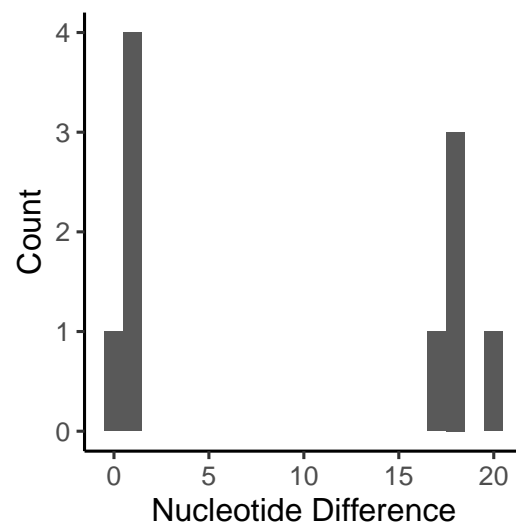
IGHV3–11*01

37 sequences assigned
8 (21.6%) exact matches, in which:
8 unique CDR3
4 unique J



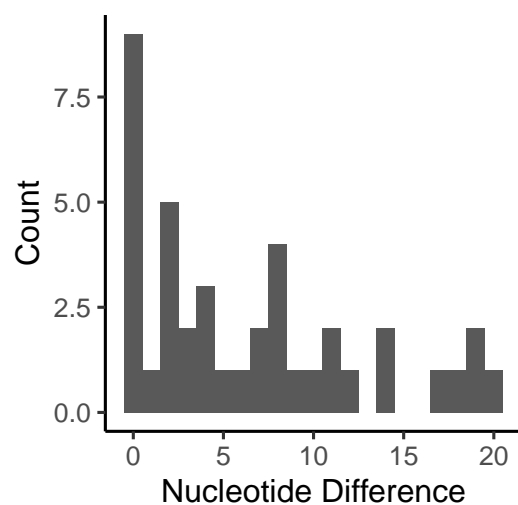
IGHV3–13*01

13 sequences assigned
1 (7.7%) exact matches, in which:
1 unique CDR3
1 unique J



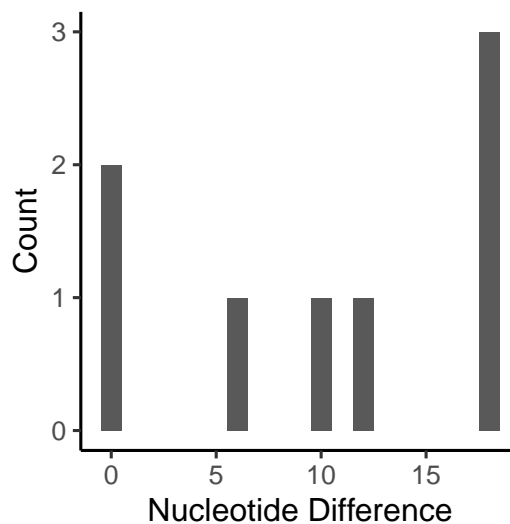
IGHV3–7*04

51 sequences assigned
9 (17.6%) exact matches, in which:
9 unique CDR3
3 unique J



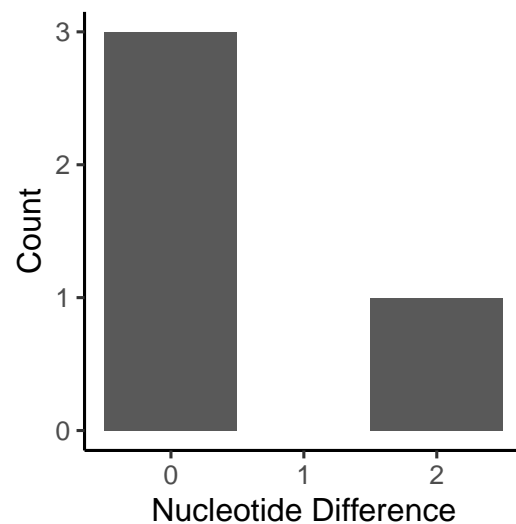
IGHV3–11*05

9 sequences assigned
2 (22.2%) exact matches, in which:
2 unique CDR3
2 unique J



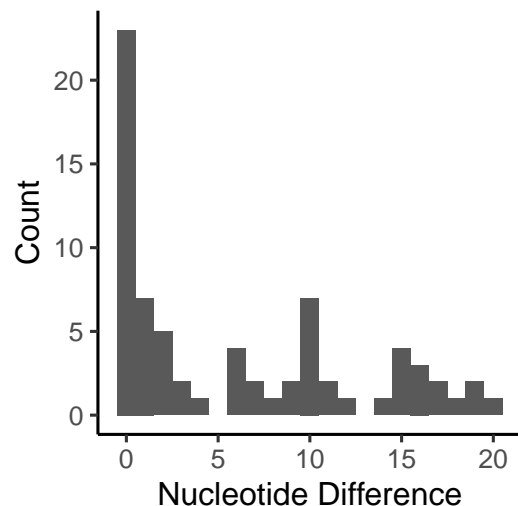
IGHV3–13*04

5 sequences assigned
3 (60%) exact matches, in which:
3 unique CDR3
1 unique J



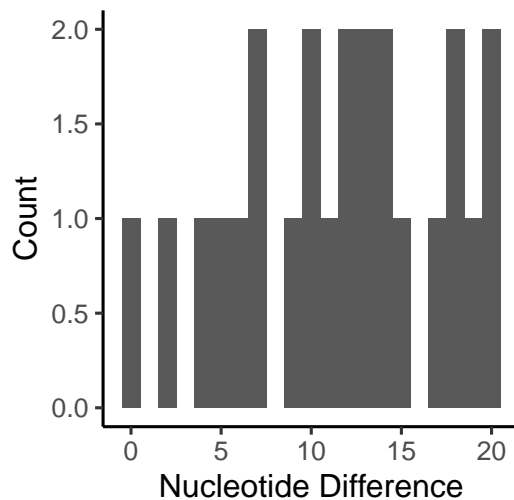
IGHV3-15*01

81 sequences assigned
23 (28.4%) exact matches, in which:
22 unique CDR3
6 unique J



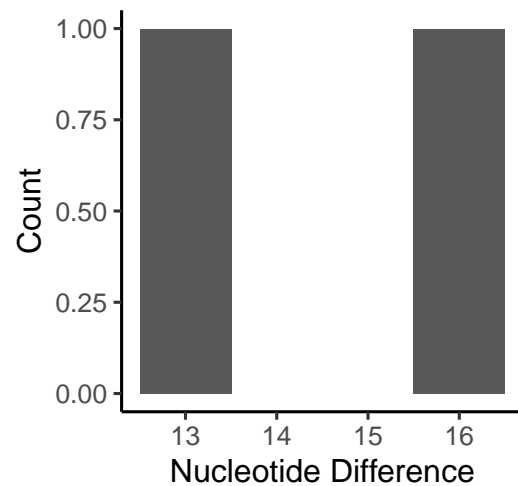
IGHV3-21*04

26 sequences assigned
1 (3.8%) exact matches, in which:
1 unique CDR3
1 unique J



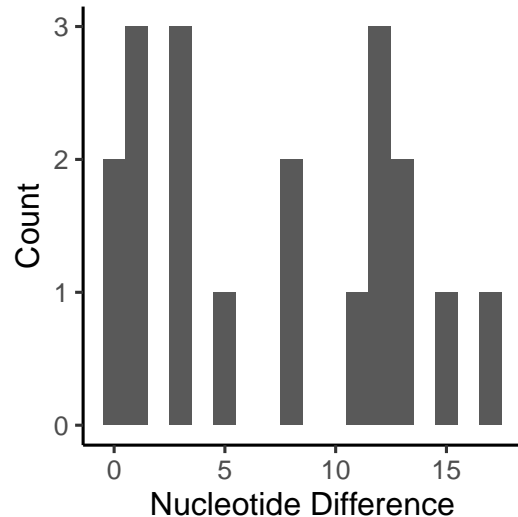
IGHV3-30-3*03

2 sequences assigned
No exact matches.



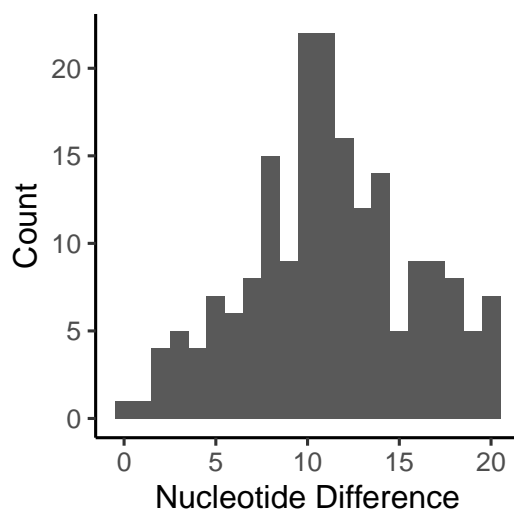
IGHV3-20*04

20 sequences assigned
2 (10%) exact matches, in which:
2 unique CDR3
2 unique J



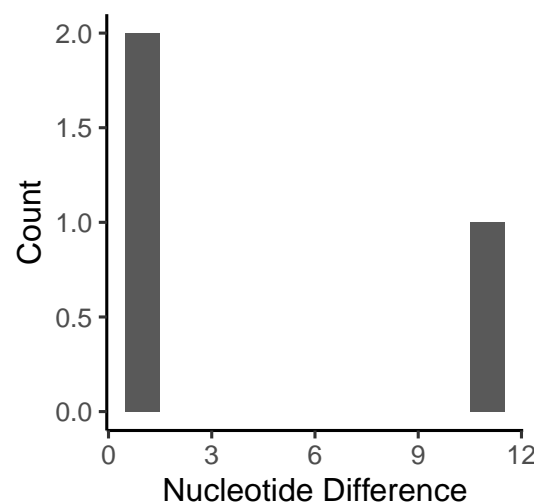
IGHV3-23*04

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



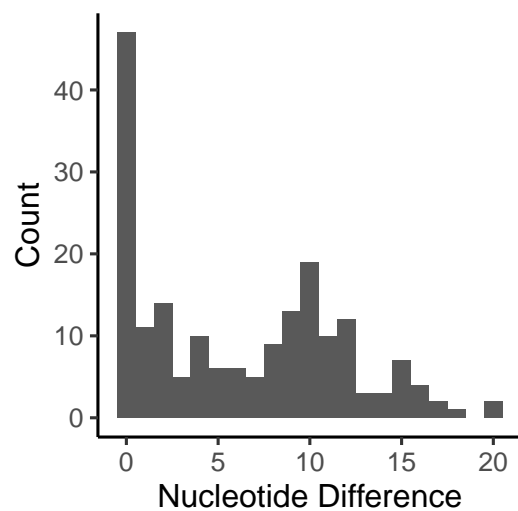
IGHV3-30*07

3 sequences assigned
No exact matches.



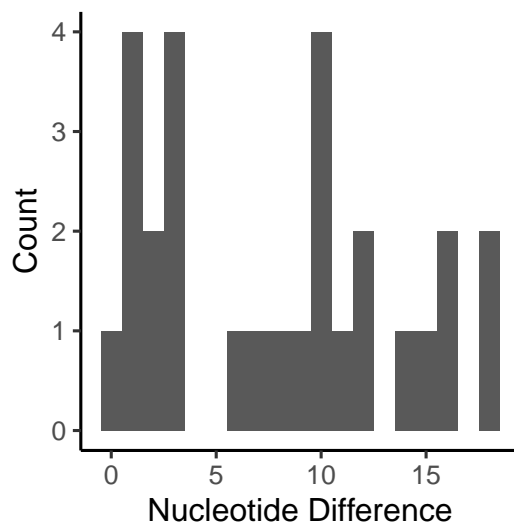
IGHV3-21*01

193 sequences assigned
47 (24.4%) exact matches, in which:
46 unique CDR3
5 unique J



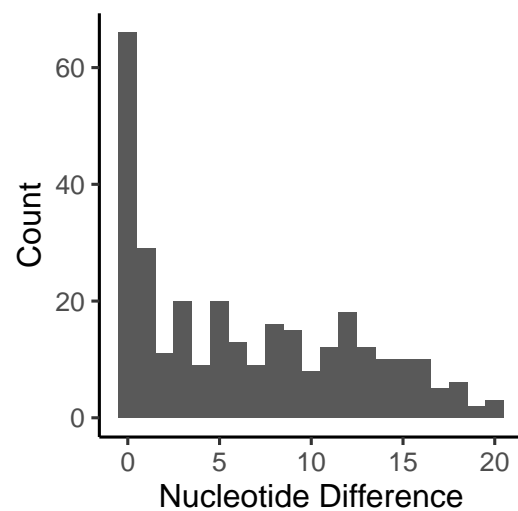
IGHV3-30*03

28 sequences assigned
1 (3.6%) exact matches, in which:
1 unique CDR3
1 unique J



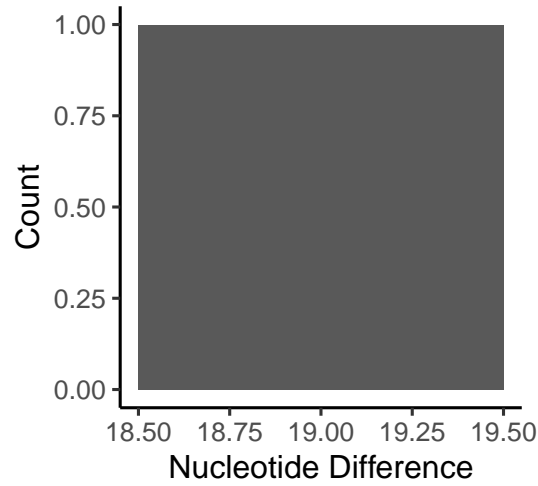
IGHV3-33*01

315 sequences assigned
66 (21%) exact matches, in which:
62 unique CDR3
6 unique J



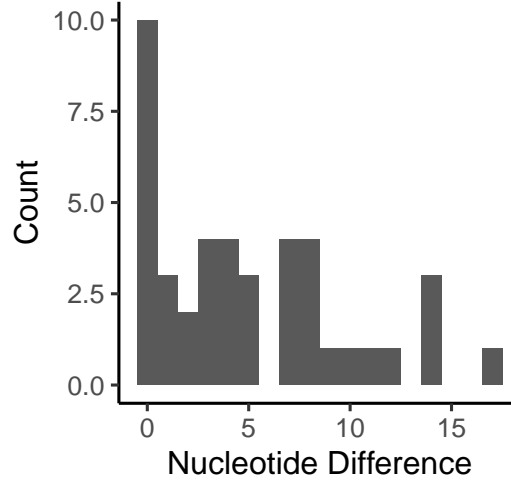
IGHV3-41*02

1 sequences assigned
No exact matches.



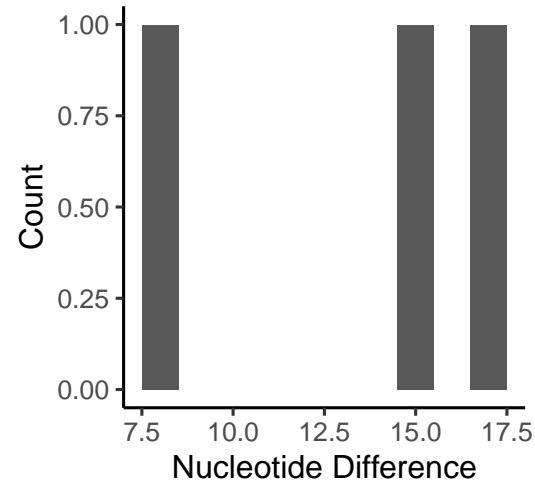
IGHV3-48*02

43 sequences assigned
10 (23.3%) exact matches, in which:
10 unique CDR3
5 unique J



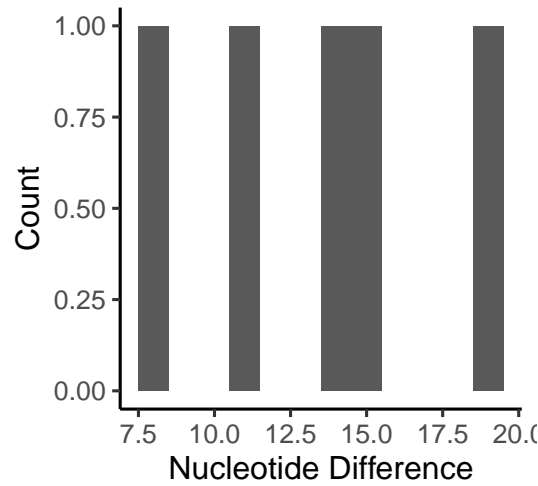
IGHV3-49*05

3 sequences assigned
No exact matches.



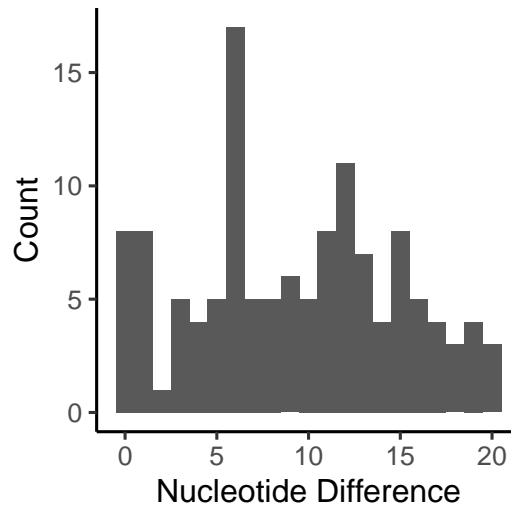
IGHV3-43*01

6 sequences assigned
No exact matches.



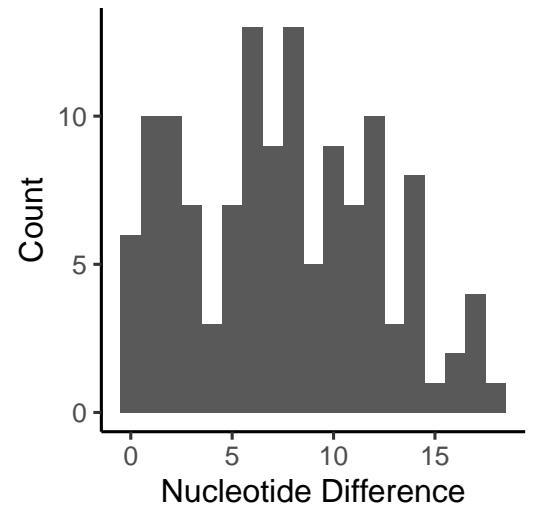
IGHV3-48*04

135 sequences assigned
8 (5.9%) exact matches, in which:
8 unique CDR3
3 unique J



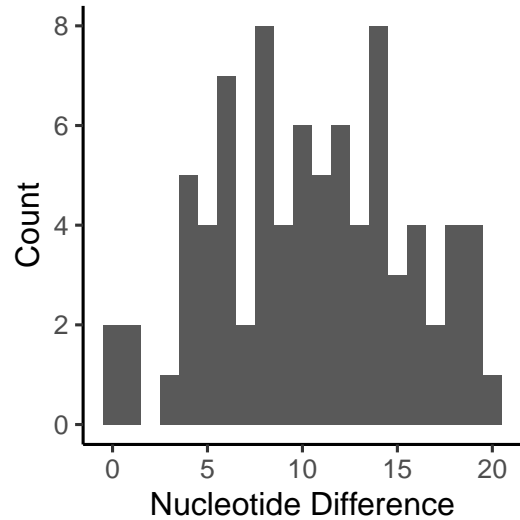
IGHV3-53*01

134 sequences assigned
6 (4.5%) exact matches, in which:
6 unique CDR3
2 unique J



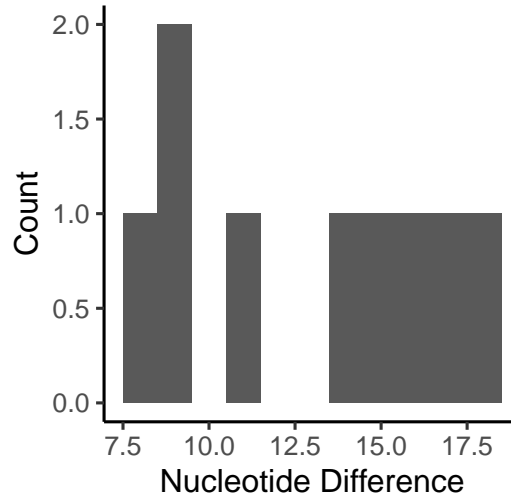
IGHV3-48*01

87 sequences assigned
2 (2.3%) exact matches, in which:
2 unique CDR3
2 unique J



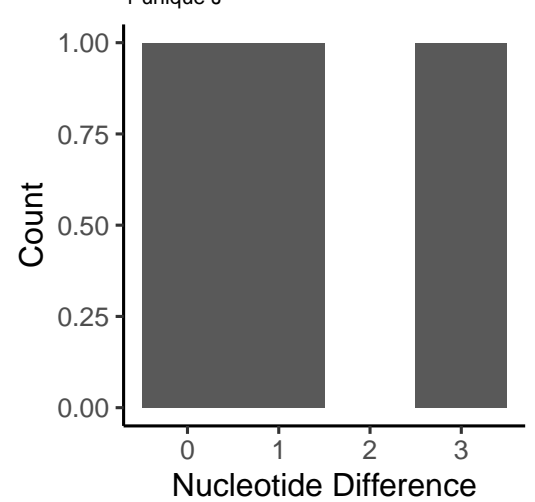
IGHV3-49*03

12 sequences assigned
No exact matches.



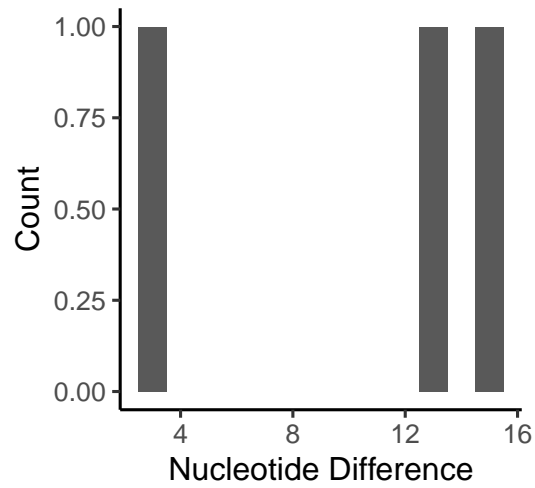
IGHV3-64*01

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



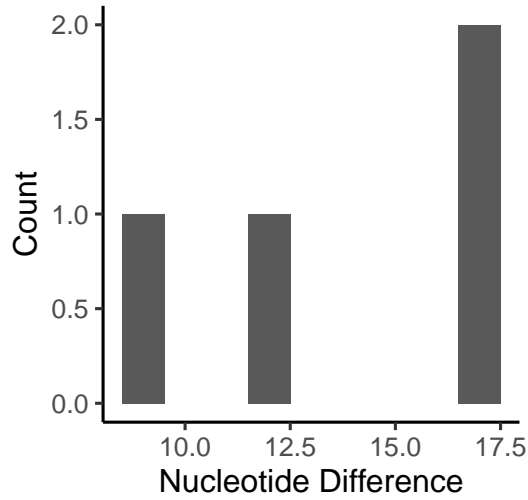
IGHV3-64*04

3 sequences assigned
No exact matches.



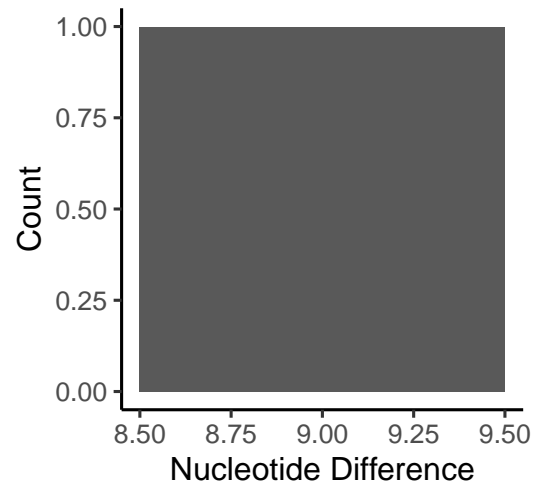
IGHV3-69-1*01

4 sequences assigned
No exact matches.



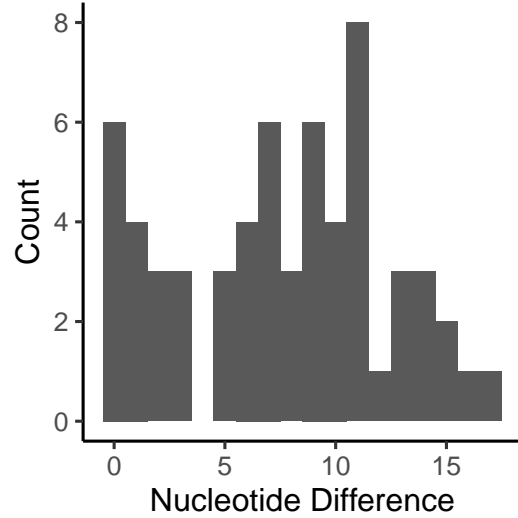
IGHV3-73*02

1 sequences assigned
No exact matches.



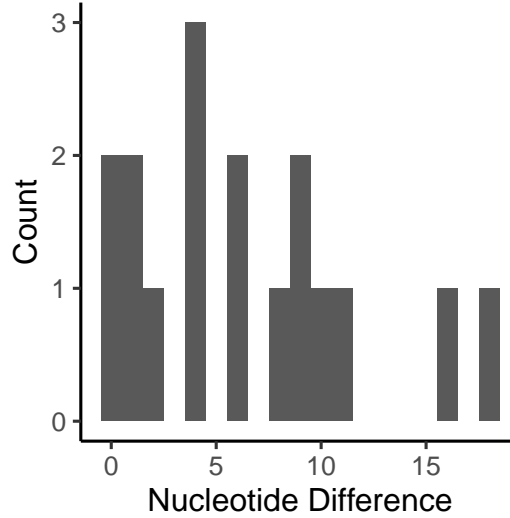
IGHV3-66*01

64 sequences assigned
6 (9.4%) exact matches, in which:
6 unique CDR3
2 unique J



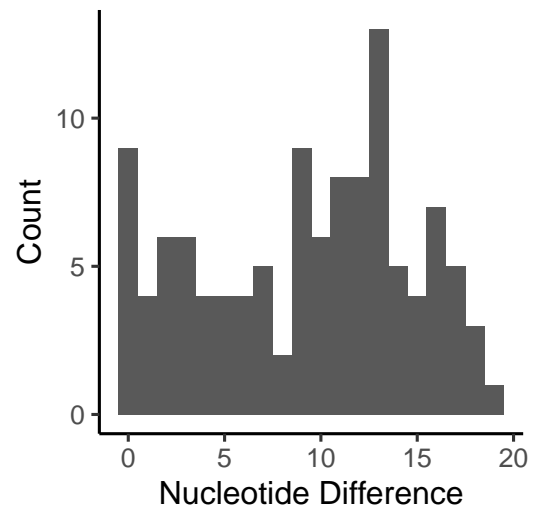
IGHV3-72*01

18 sequences assigned
2 (11.1%) exact matches, in which:
2 unique CDR3
2 unique J



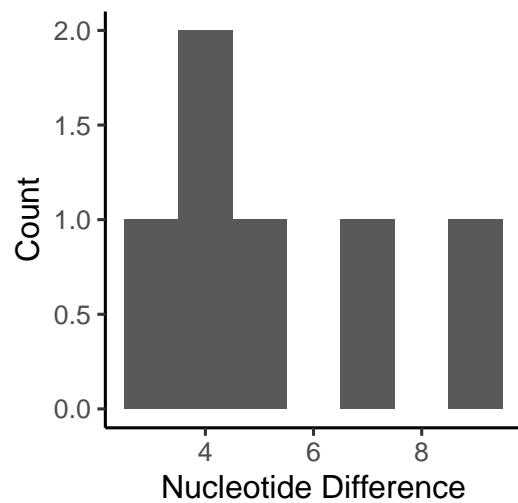
IGHV3-74*01

125 sequences assigned
9 (7.2%) exact matches, in which:
9 unique CDR3
5 unique J



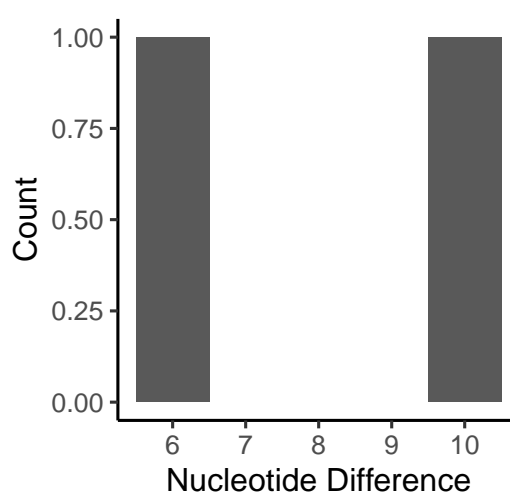
IGHV3-66*04

8 sequences assigned
No exact matches.



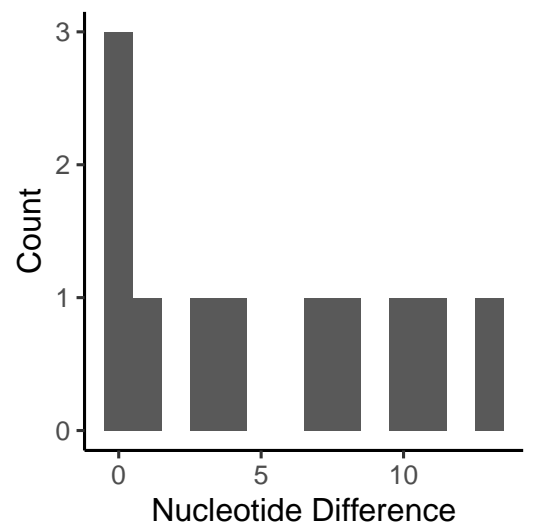
IGHV3-73*01

2 sequences assigned
No exact matches.



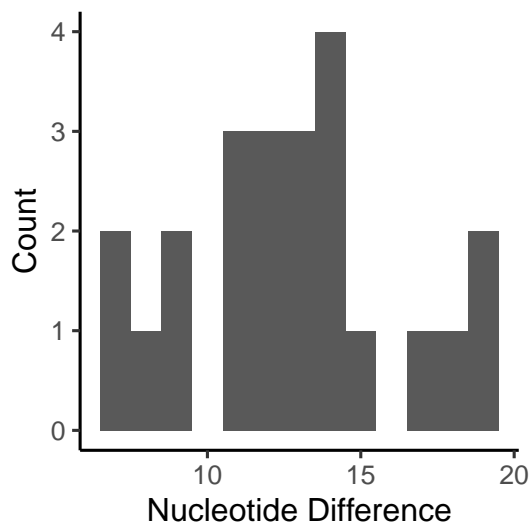
IGHV3-64D*06

11 sequences assigned
3 (27.3%) exact matches, in which:
3 unique CDR3
3 unique J



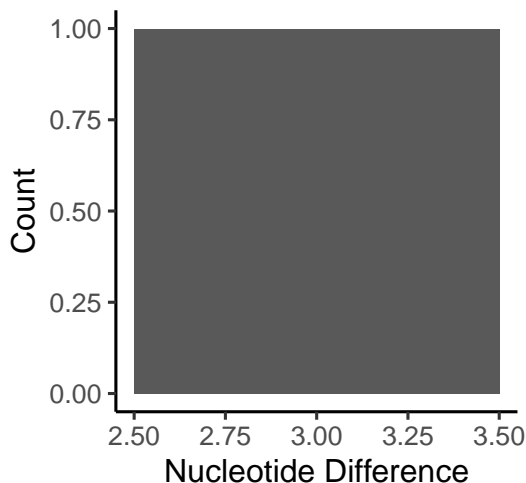
IGHV3–NL1*01

25 sequences assigned
No exact matches.



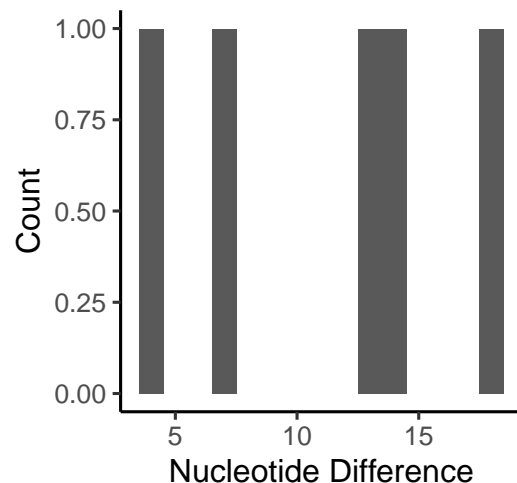
IGHV4–4*08

1 sequences assigned
No exact matches.



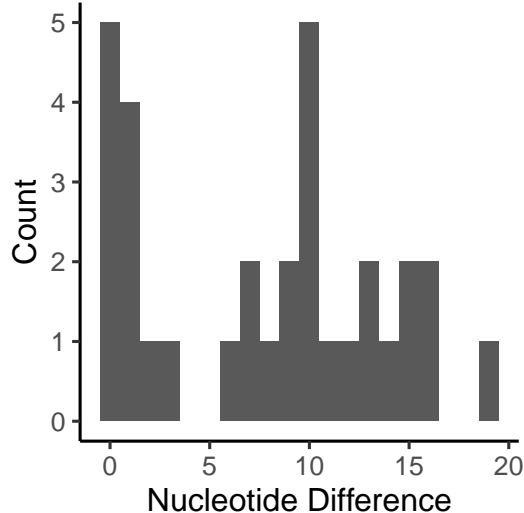
IGHV4–30–4*08

5 sequences assigned
No exact matches.



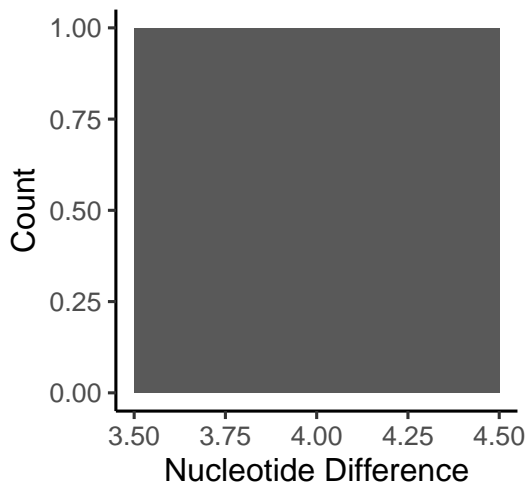
IGHV4–4*02

37 sequences assigned
5 (13.5%) exact matches, in which:
5 unique CDR3
2 unique J



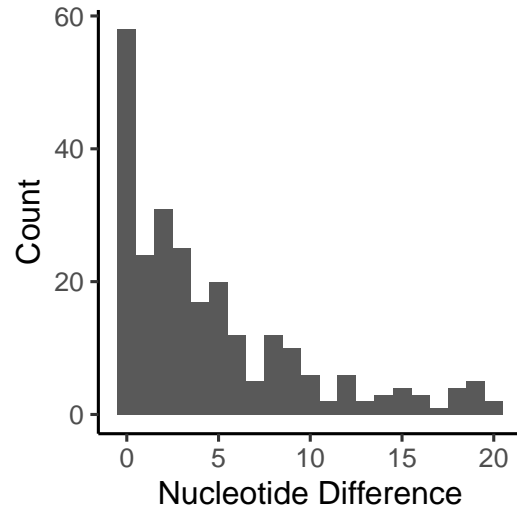
IGHV4–30–2*04

1 sequences assigned
No exact matches.



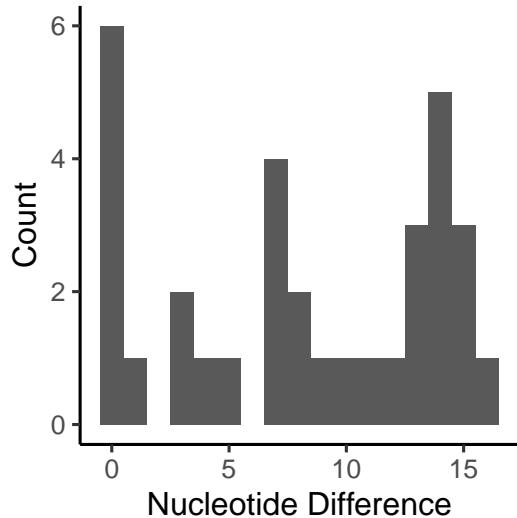
IGHV4–31*03

268 sequences assigned
58 (21.6%) exact matches, in which:
56 unique CDR3
6 unique J



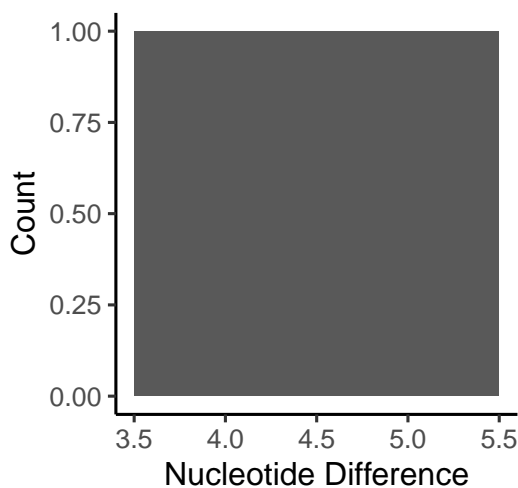
IGHV4–4*07

36 sequences assigned
6 (16.7%) exact matches, in which:
6 unique CDR3
3 unique J



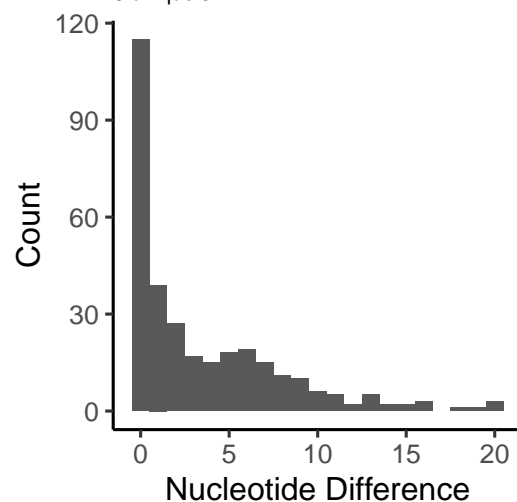
IGHV4–30–4*07

2 sequences assigned
No exact matches.



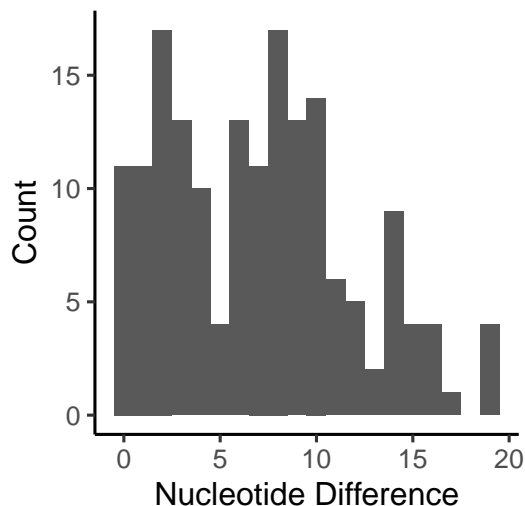
IGHV4–34*01

330 sequences assigned
115 (34.8%) exact matches, in which:
111 unique CDR3
6 unique J



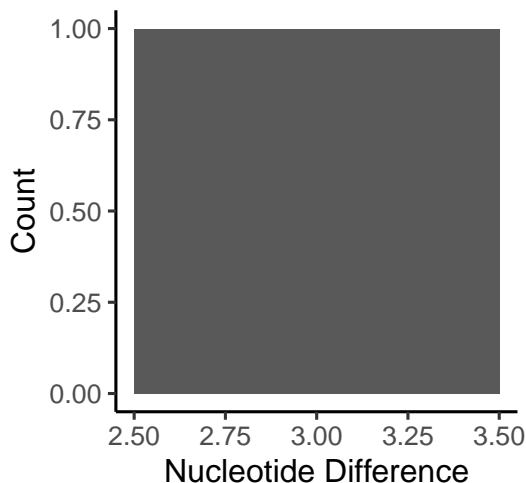
IGHV4-38-2*02

176 sequences assigned
11 (6.2%) exact matches, in which:
11 unique CDR3
4 unique J



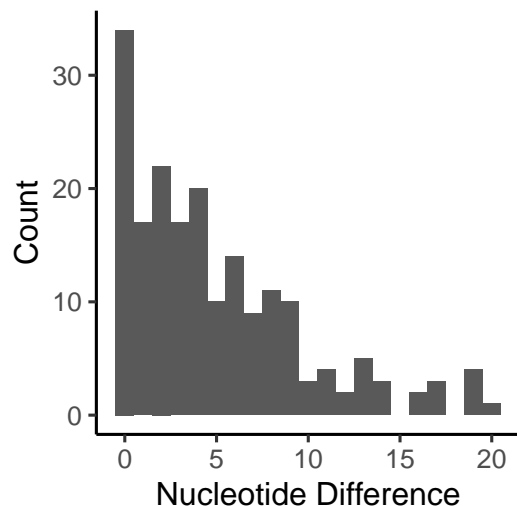
IGHV4-55*08

1 sequences assigned
No exact matches.



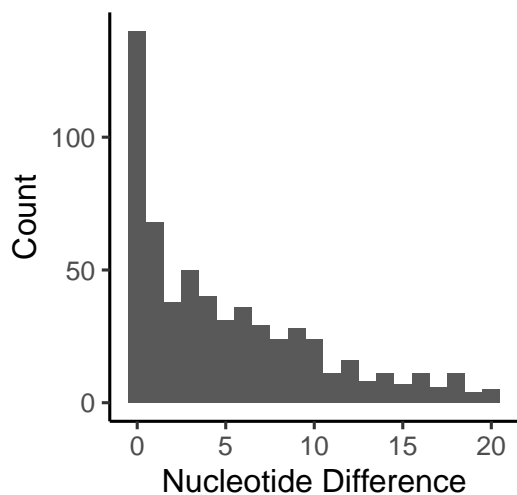
IGHV4-59*12

203 sequences assigned
34 (16.7%) exact matches, in which:
33 unique CDR3
6 unique J



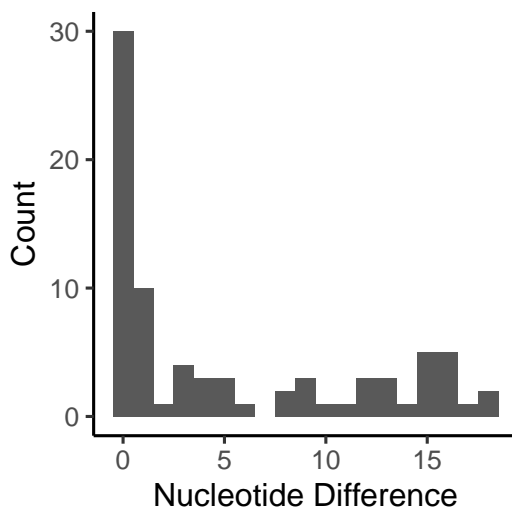
IGHV4-39*01

646 sequences assigned
140 (21.7%) exact matches, in which:
139 unique CDR3
7 unique J



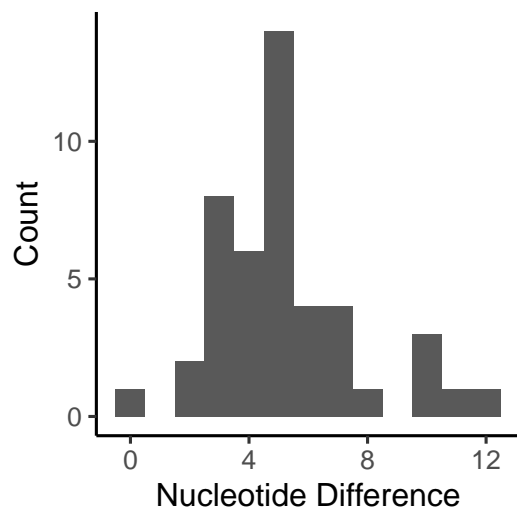
IGHV4-59*01

82 sequences assigned
30 (36.6%) exact matches, in which:
30 unique CDR3
5 unique J



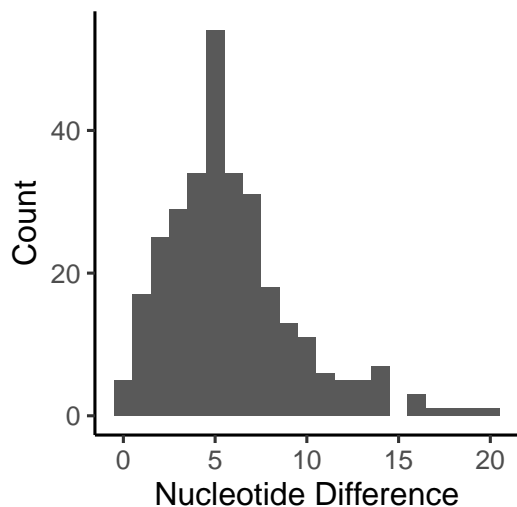
IGHV4-61*01

47 sequences assigned
1 (2.1%) exact matches, in which:
1 unique CDR3
1 unique J



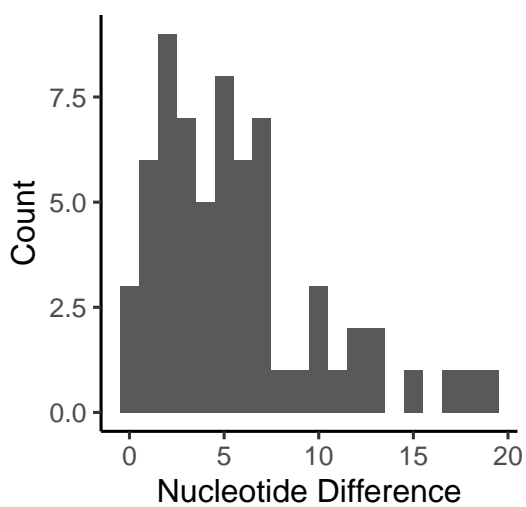
IGHV4-39*07

305 sequences assigned
5 (1.6%) exact matches, in which:
5 unique CDR3
3 unique J



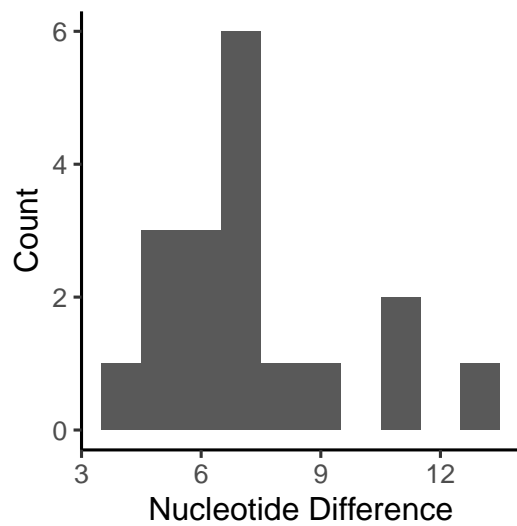
IGHV4-59*08

70 sequences assigned
3 (4.3%) exact matches, in which:
3 unique CDR3
2 unique J



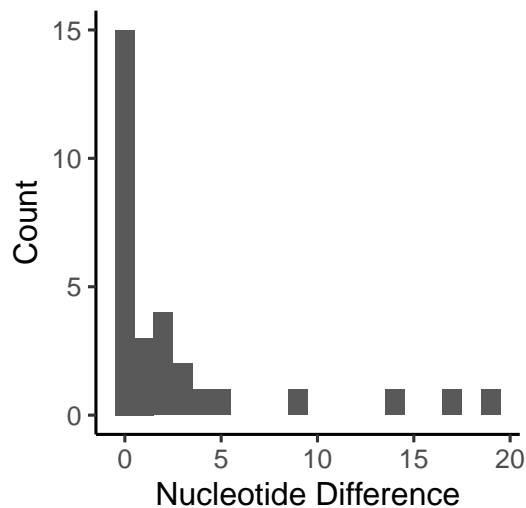
IGHV4-61*08

18 sequences assigned
No exact matches.



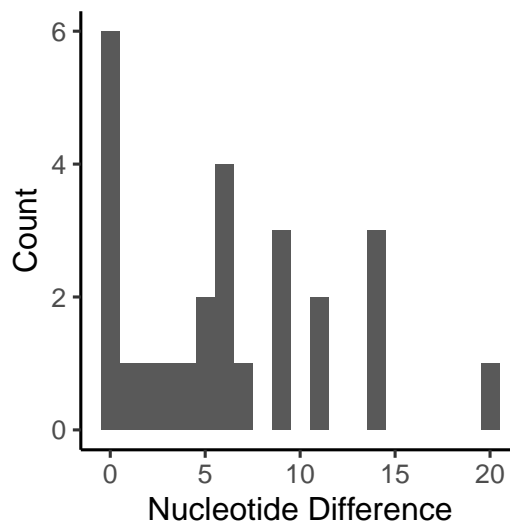
IGHV4-61*07_T288C

33 sequences assigned
15 (45.5%) exact matches, in which:
14 unique CDR3
3 unique J



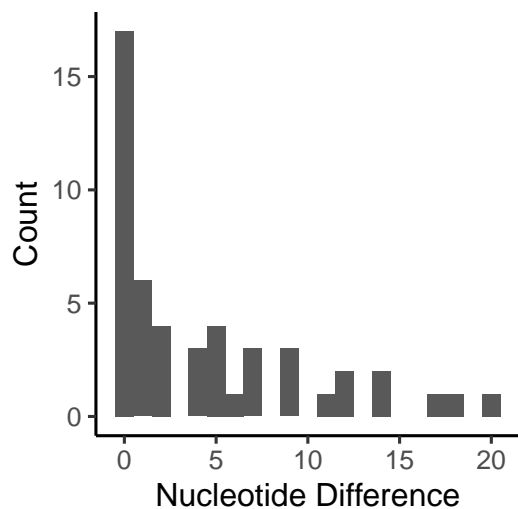
IGHV6-1*01

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



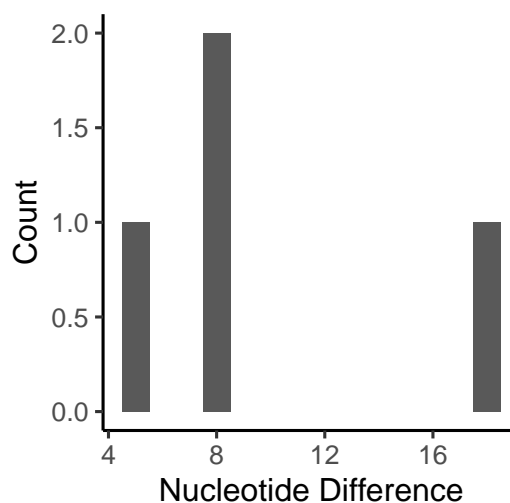
IGHV5-10-1*01

51 sequences assigned
17 (33.3%) exact matches, in which:
17 unique CDR3
5 unique J



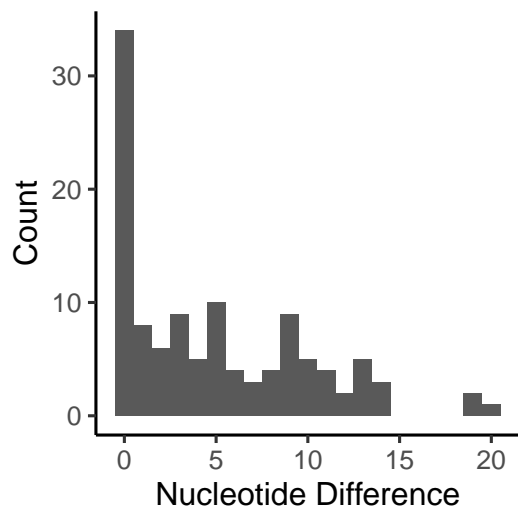
IGHV7-4-1*02

4 sequences assigned
No exact matches.

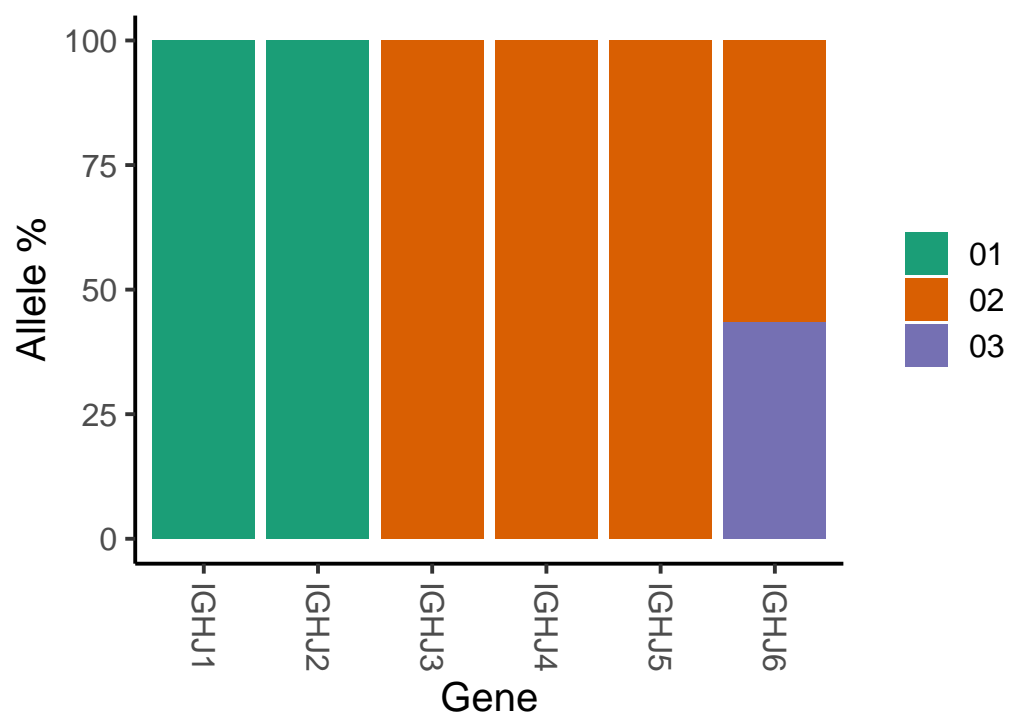


IGHV5-51*01

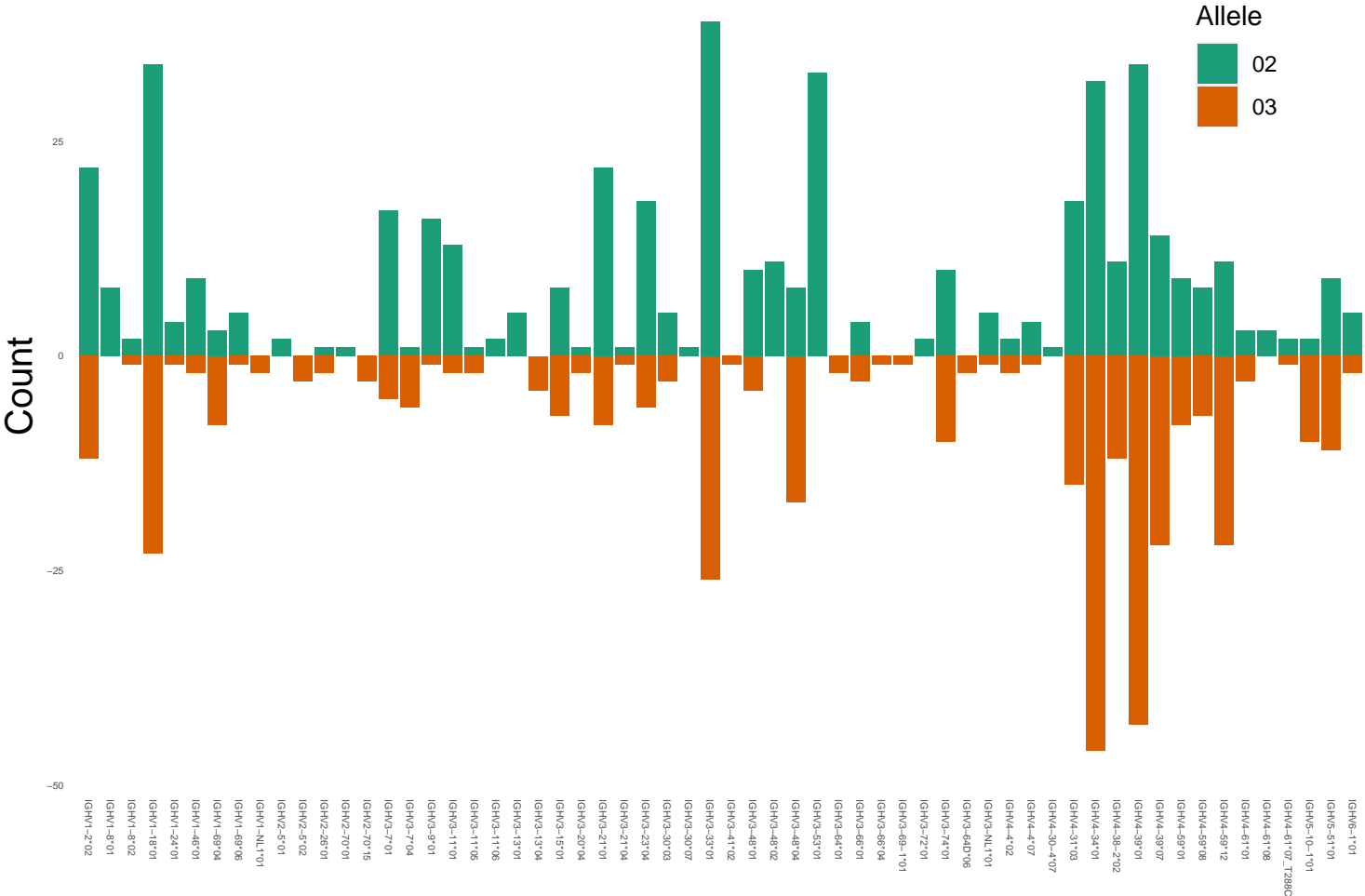
121 sequences assigned
34 (28.1%) exact matches, in which:
33 unique CDR3
6 unique J



Allele Usage



Sequence Count by IGHJ6 allele usage



Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.