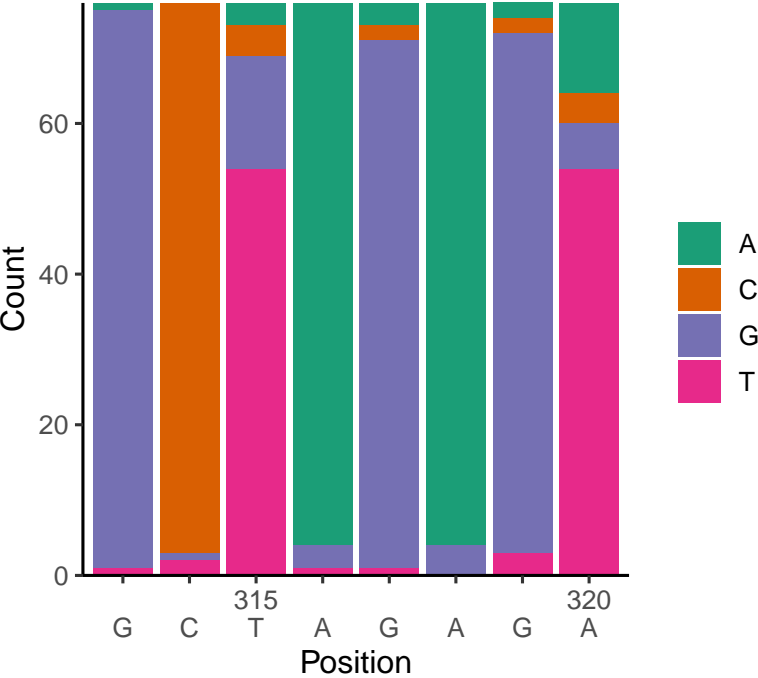
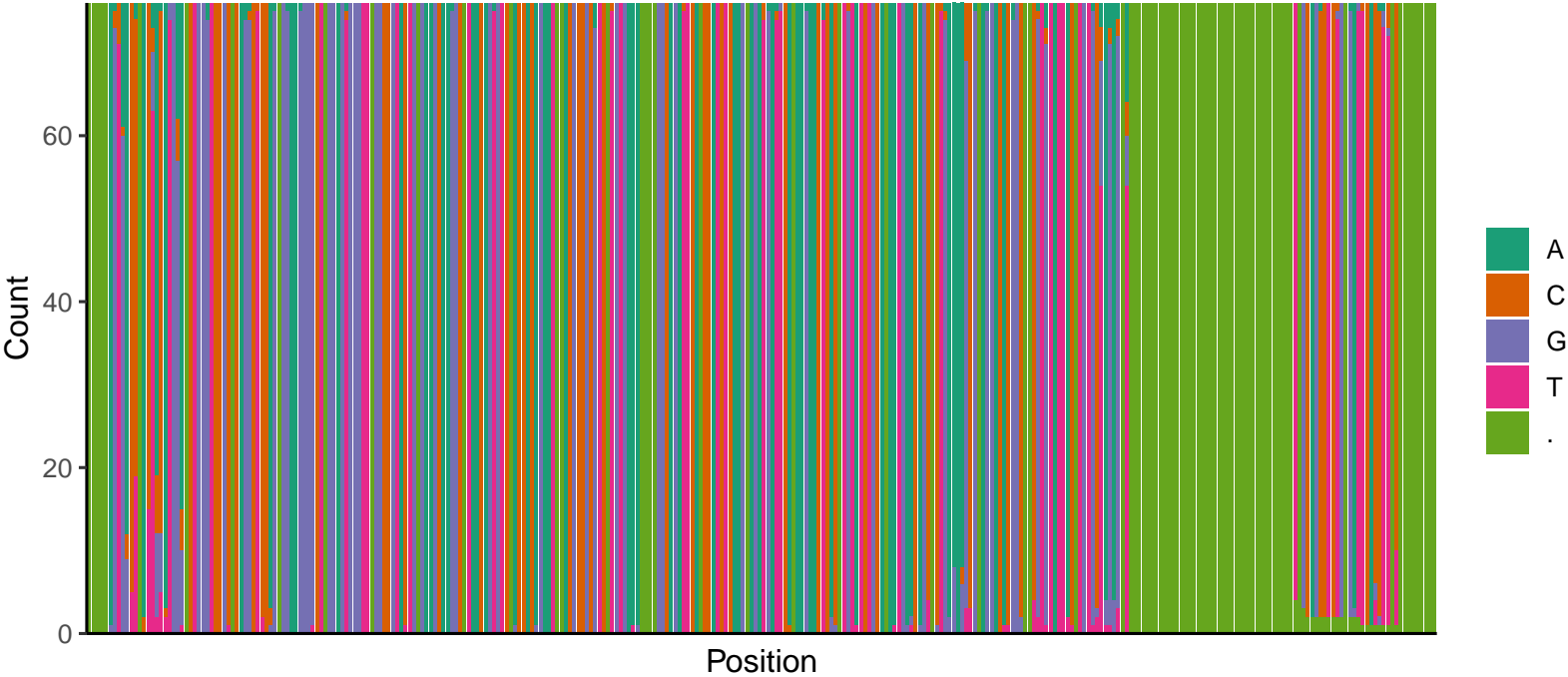


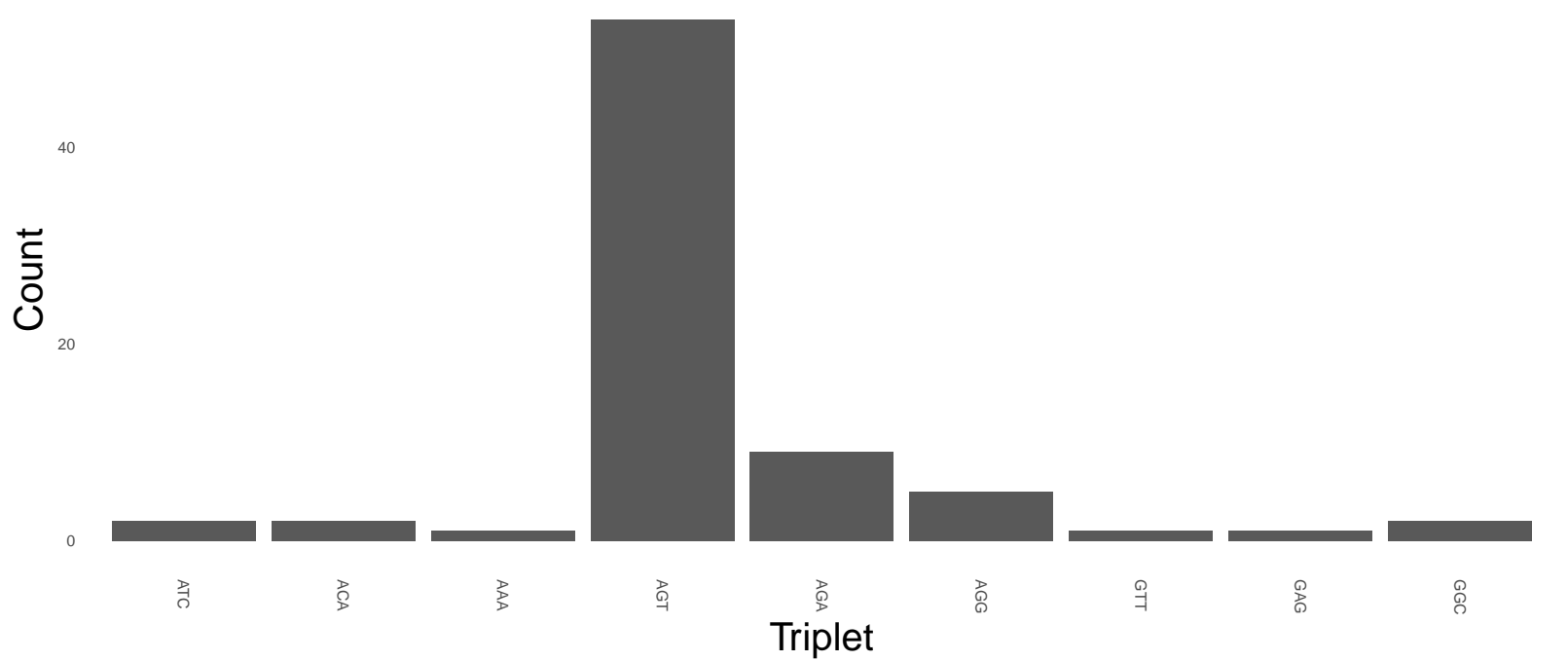
Gene IGHV3-72*01_A169G_A173G_A177G_T187G_A188T_C287G



Gene IGHV3-72*01_A169G_A173G_A177G_T187G_A188T_C287G

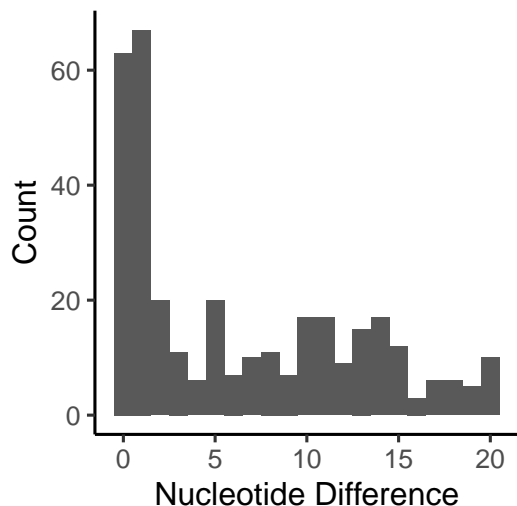


IGHV3-72*01_A169G_A173G_A177G_T187G_A188T_C287G- Final 3 nucleotides as a triplet



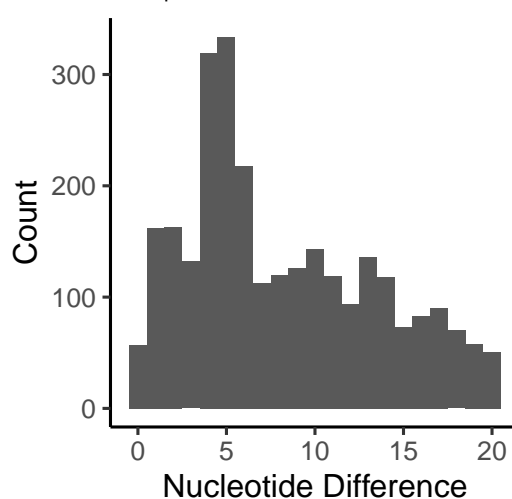
IGHV1-2*04

362 sequences assigned
63 (17.4%) exact matches, in which:
51 unique CDR3
4 unique J



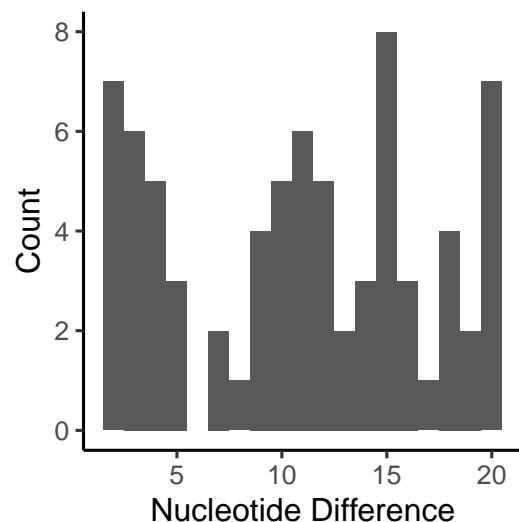
IGHV1-8*01

3548 sequences assigned
57 (1.6%) exact matches, in which:
40 unique CDR3
5 unique J



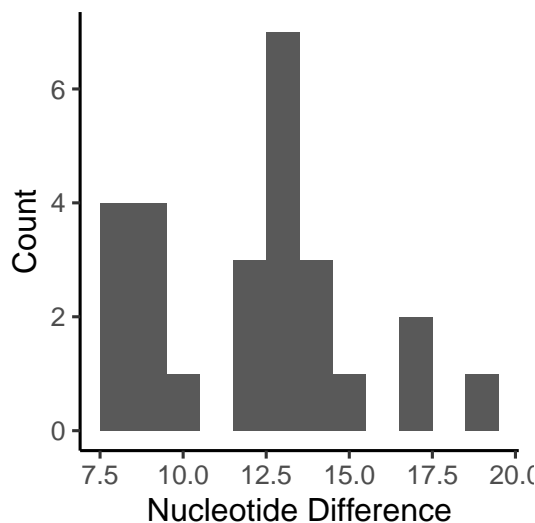
IGHV1-24*01

135 sequences assigned
No exact matches.



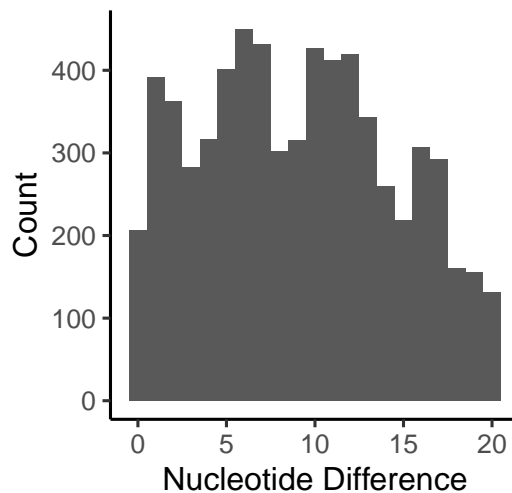
IGHV1-3*04

34 sequences assigned
No exact matches.



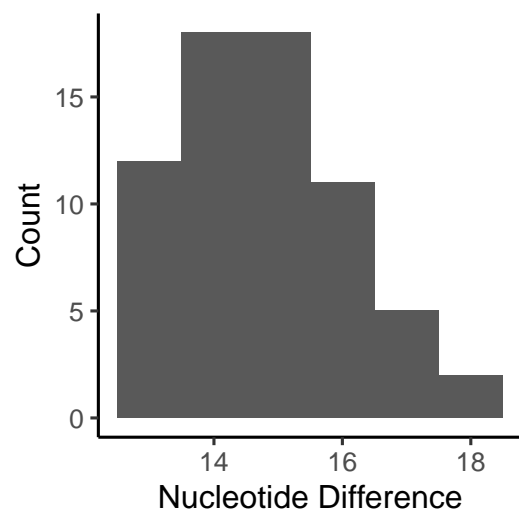
IGHV1-18*01

6997 sequences assigned
206 (2.9%) exact matches, in which:
135 unique CDR3
4 unique J



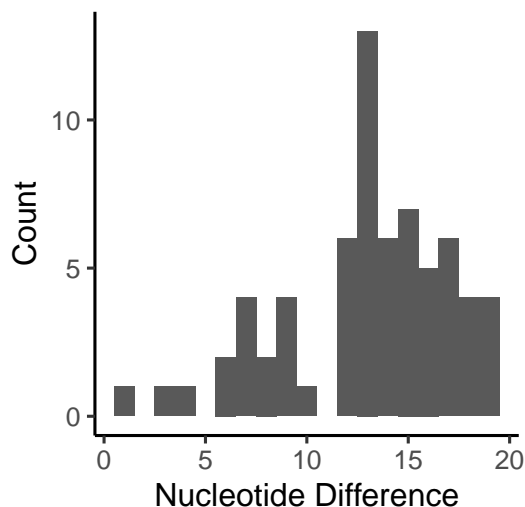
IGHV1-45*02

91 sequences assigned
No exact matches.



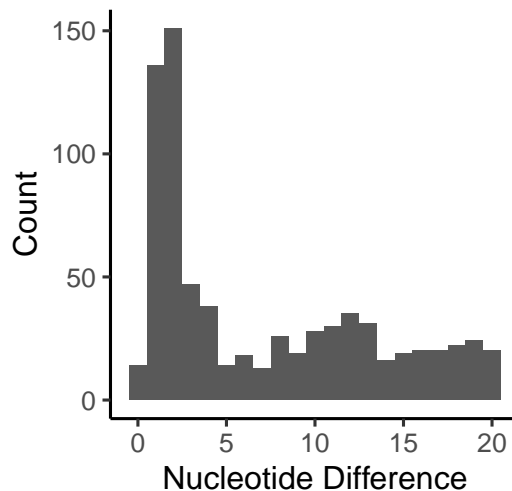
IGHV1-3*01_05

81 sequences assigned
No exact matches.



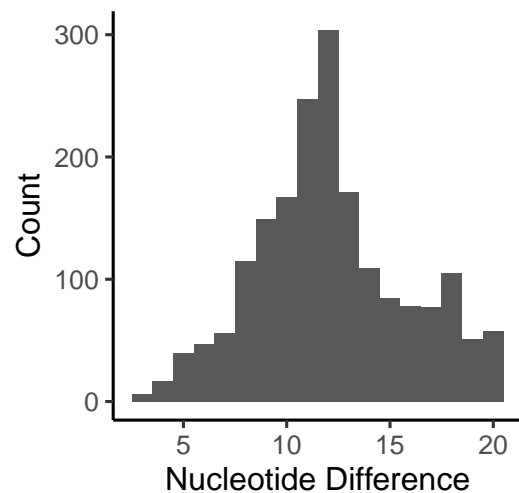
IGHV1-18*04

908 sequences assigned
14 (1.5%) exact matches, in which:
13 unique CDR3
4 unique J



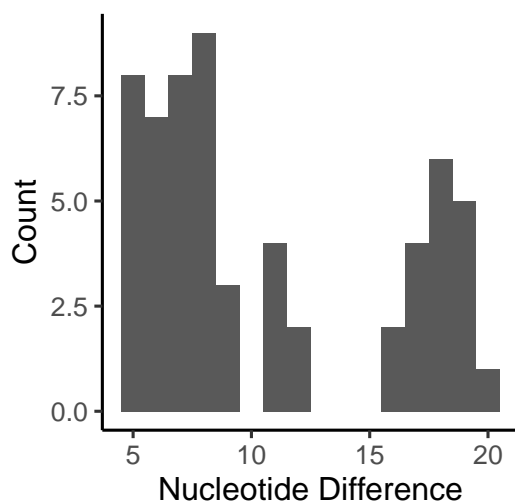
IGHV1-46*01

2194 sequences assigned
No exact matches.



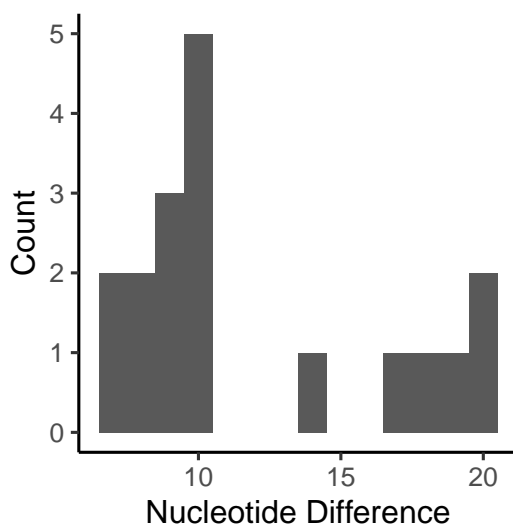
IGHV1-58*01_03

59 sequences assigned
No exact matches.



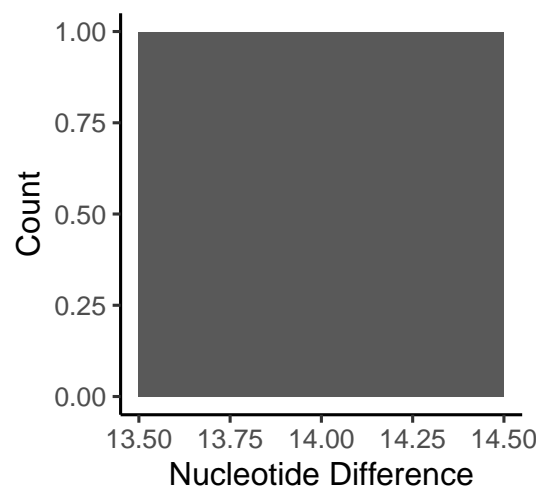
IGHV2-5*02

20 sequences assigned
No exact matches.



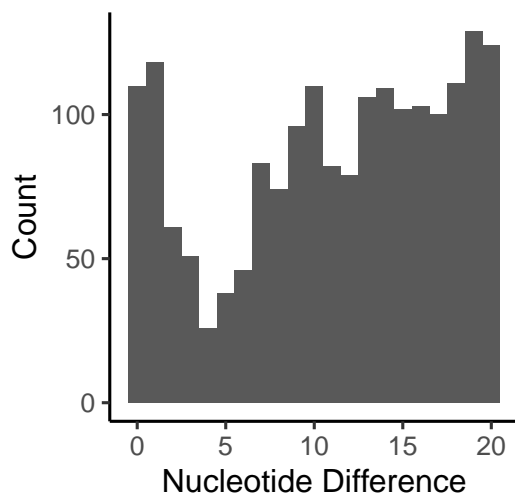
IGHV2-70*13

1 sequences assigned
No exact matches.



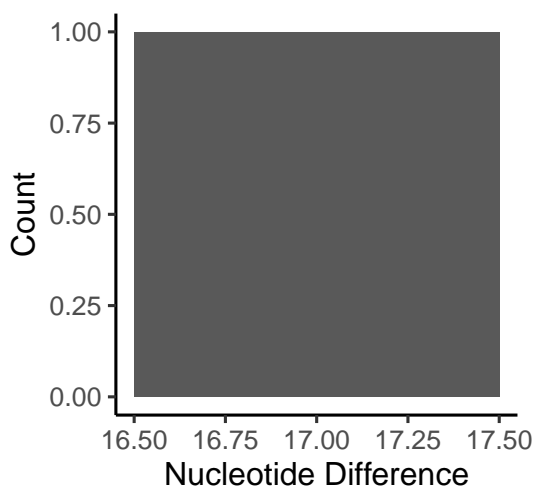
IGHV1-69*01_12_13

3031 sequences assigned
110 (3.6%) exact matches, in which:
77 unique CDR3
5 unique J



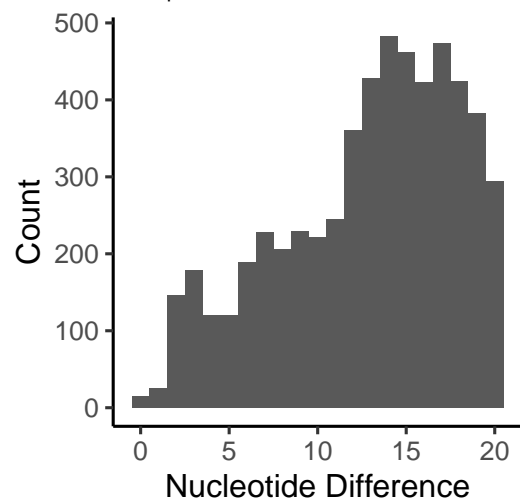
IGHV2-26*03

1 sequences assigned
No exact matches.



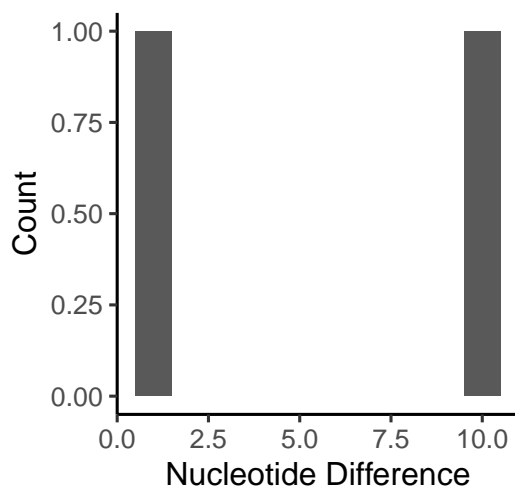
IGHV3-7*01

6530 sequences assigned
15 (0.2%) exact matches, in which:
14 unique CDR3
2 unique J



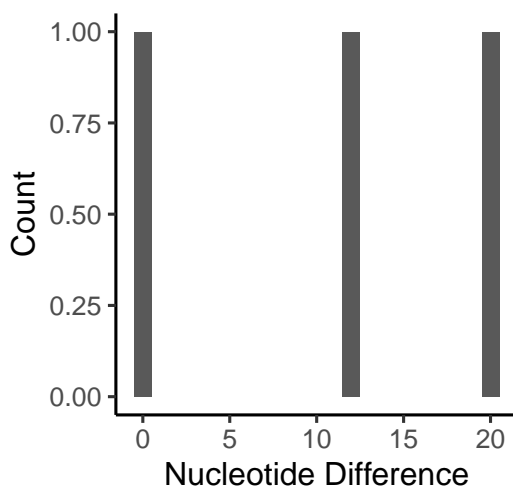
IGHV2-5*01

3 sequences assigned
No exact matches.



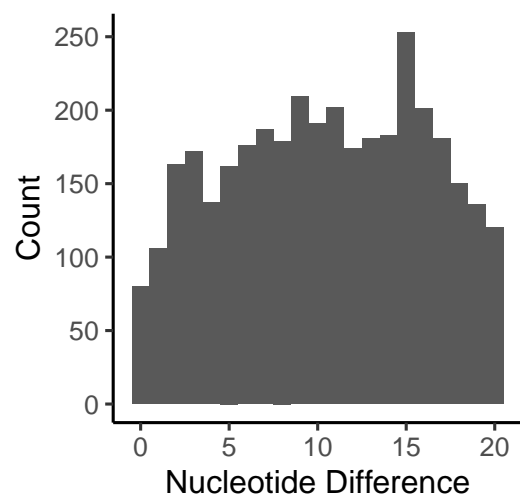
IGHV2-70*01

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



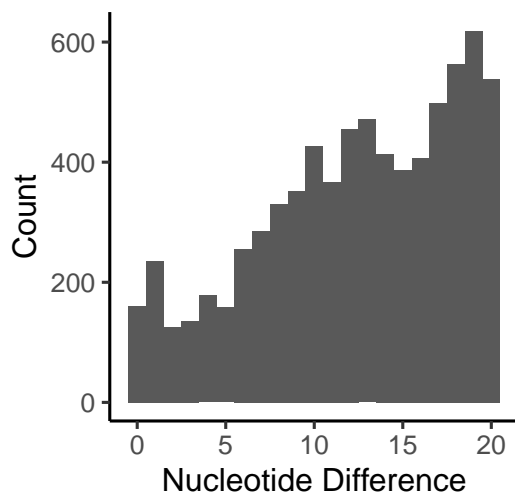
IGHV3-7*03

3927 sequences assigned
80 (2%) exact matches, in which:
57 unique CDR3
6 unique J



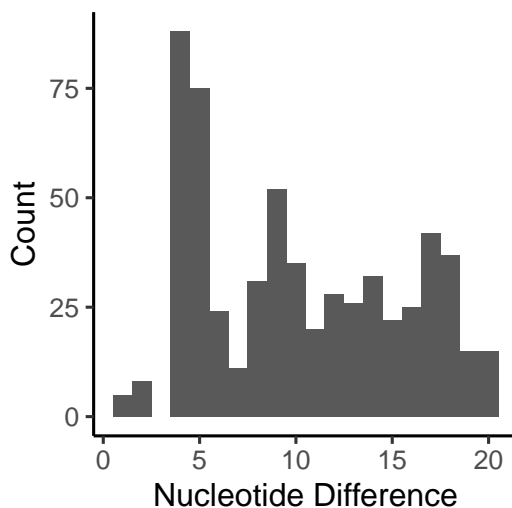
IGHV3-9*01

9078 sequences assigned
160 (1.8%) exact matches, in which:
113 unique CDR3
6 unique J



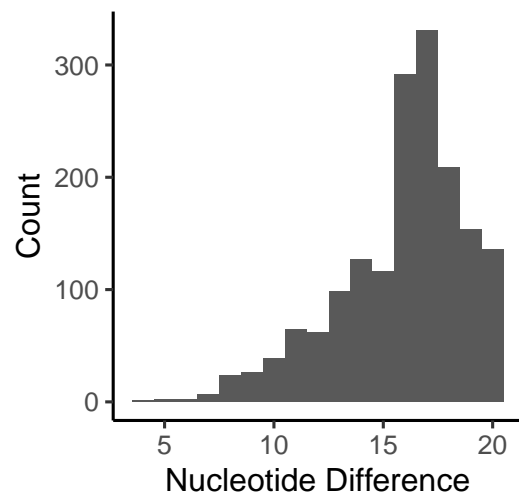
IGHV3-13*01

743 sequences assigned
No exact matches.



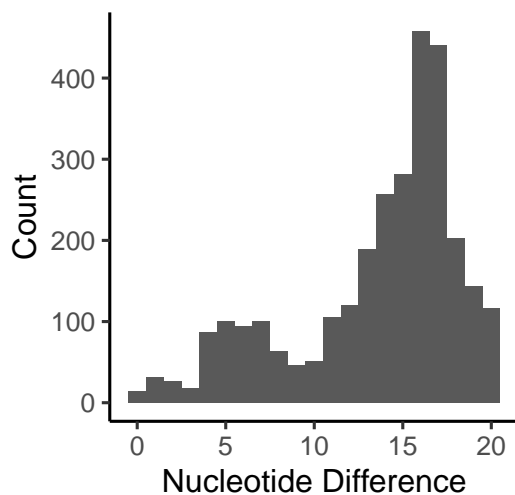
IGHV3-20*03_04

2244 sequences assigned
No exact matches.



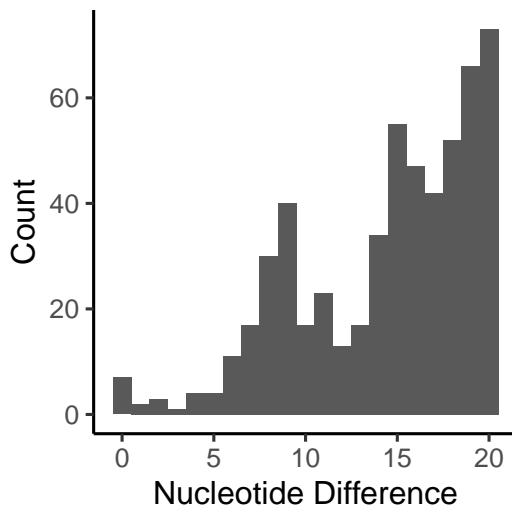
IGHV3-11*01

3250 sequences assigned
14 (0.4%) exact matches, in which:
13 unique CDR3
4 unique J



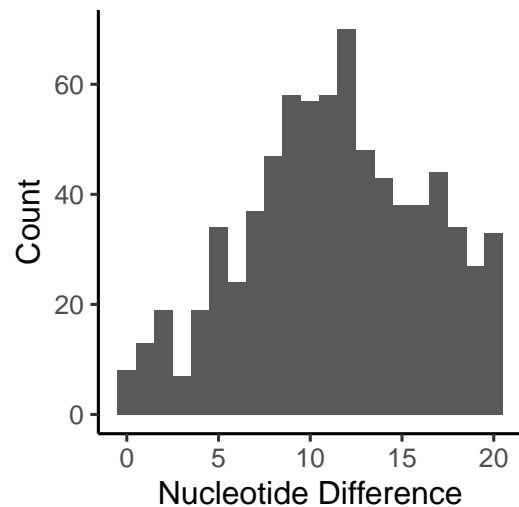
IGHV3-15*07

1172 sequences assigned
7 (0.6%) exact matches, in which:
4 unique CDR3
0 unique J



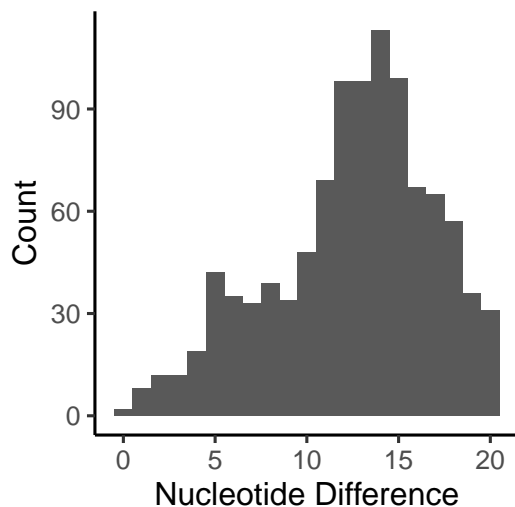
IGHV3-21*04

998 sequences assigned
8 (0.8%) exact matches, in which:
8 unique CDR3
2 unique J



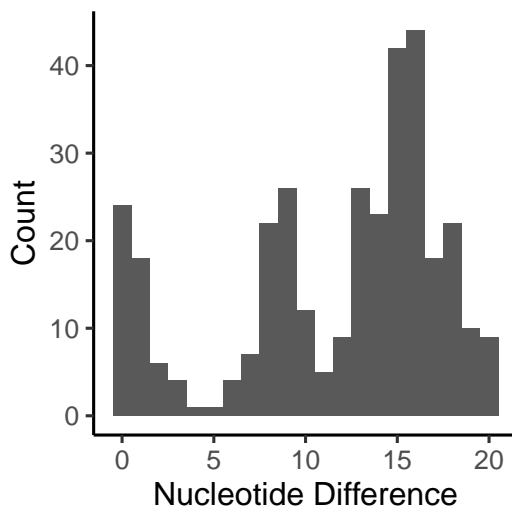
IGHV3-11*04

1158 sequences assigned
2 (0.2%) exact matches, in which:
2 unique CDR3
1 unique J



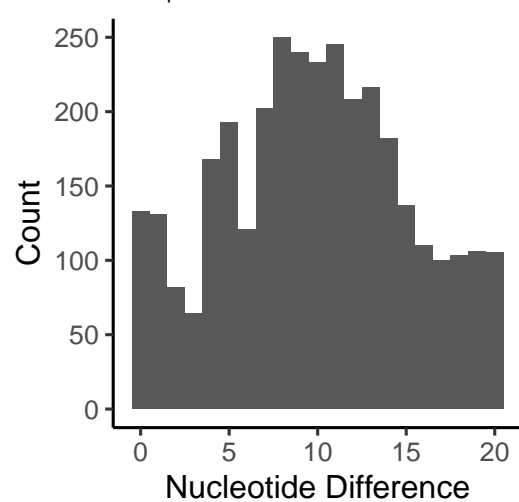
IGHV3-15*01_02

432 sequences assigned
24 (5.6%) exact matches, in which:
14 unique CDR3
3 unique J



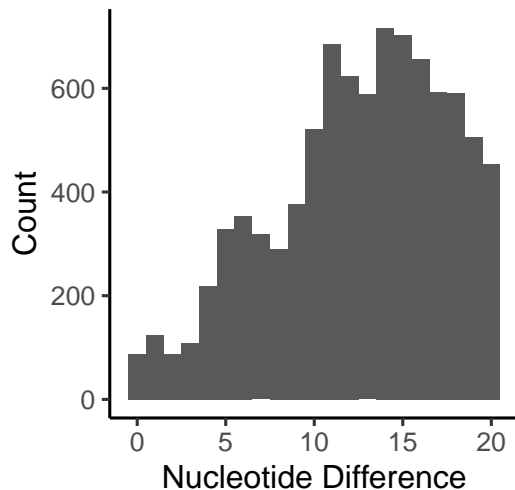
IGHV3-21*01_02

4015 sequences assigned
133 (3.3%) exact matches, in which:
99 unique CDR3
6 unique J



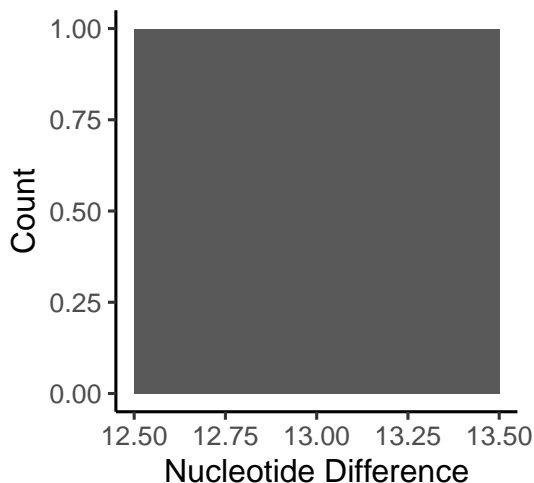
IGHV3-23*01_04

10825 sequences assigned
88 (0.8%) exact matches, in which:
66 unique CDR3
6 unique J



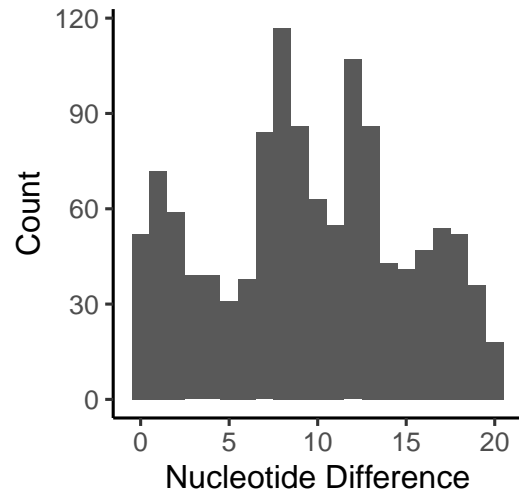
IGHV3-30-3*01

2 sequences assigned
No exact matches.



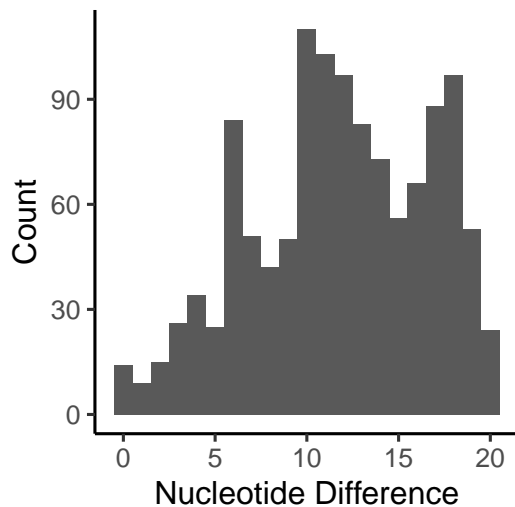
IGHV3-33*01

1510 sequences assigned
52 (3.4%) exact matches, in which:
34 unique CDR3
5 unique J



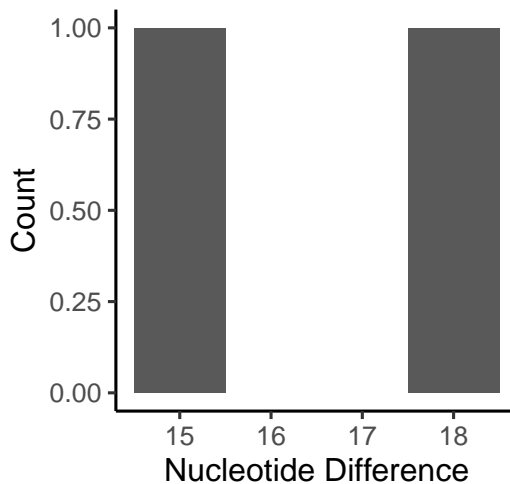
IGHV3-30*01

1354 sequences assigned
14 (1%) exact matches, in which:
12 unique CDR3
3 unique J



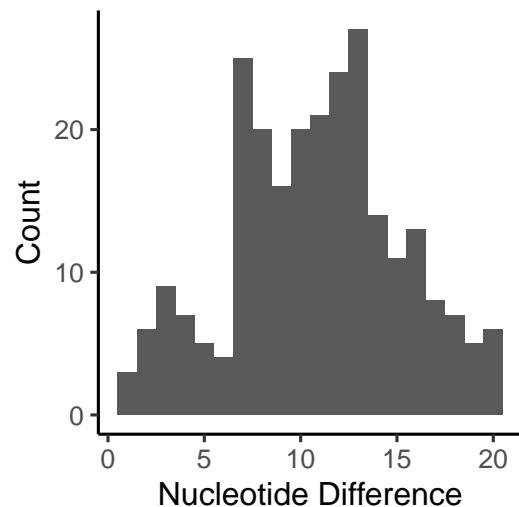
IGHV3-30-5*02

13 sequences assigned
No exact matches.



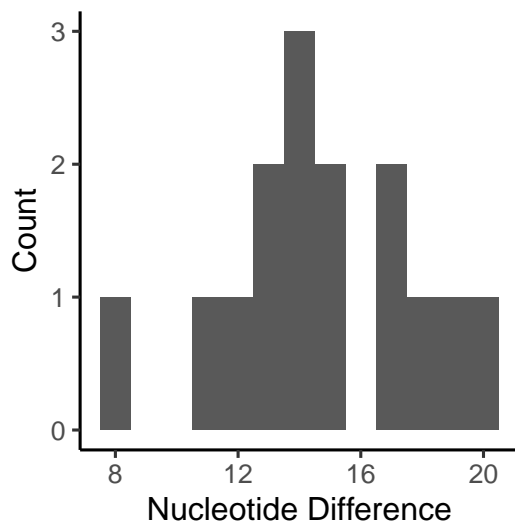
IGHV3-33*06

282 sequences assigned
No exact matches.



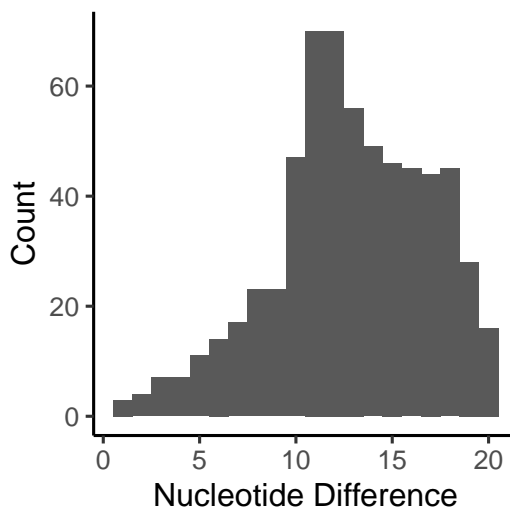
IGHV3-30-5*01

31 sequences assigned
No exact matches.



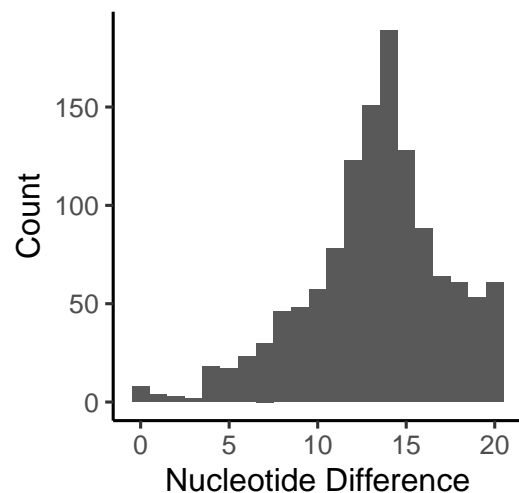
IGHV3-30*07

709 sequences assigned
No exact matches.



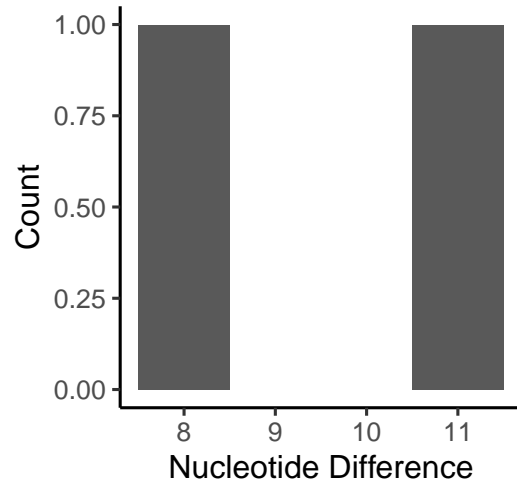
IGHV3-33*08

1544 sequences assigned
8 (0.5%) exact matches, in which:
8 unique CDR3
2 unique J



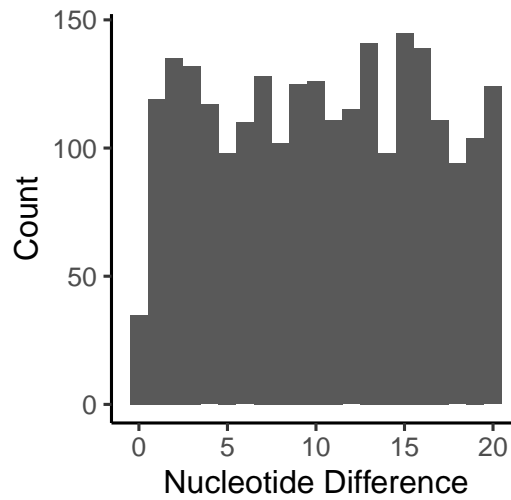
IGHV3-43*01

2 sequences assigned
No exact matches.



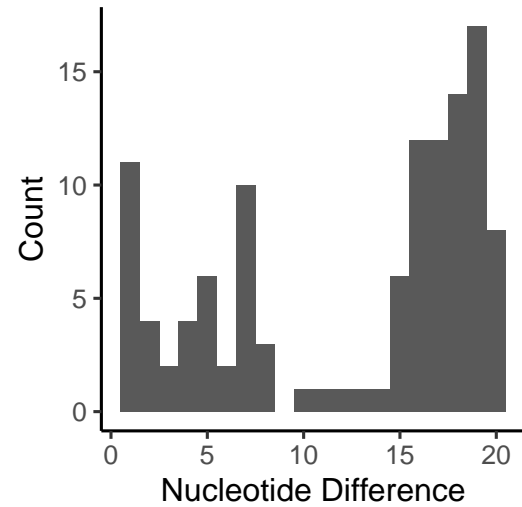
IGHV3-48*03

3725 sequences assigned
35 (0.9%) exact matches, in which:
22 unique CDR3
5 unique J



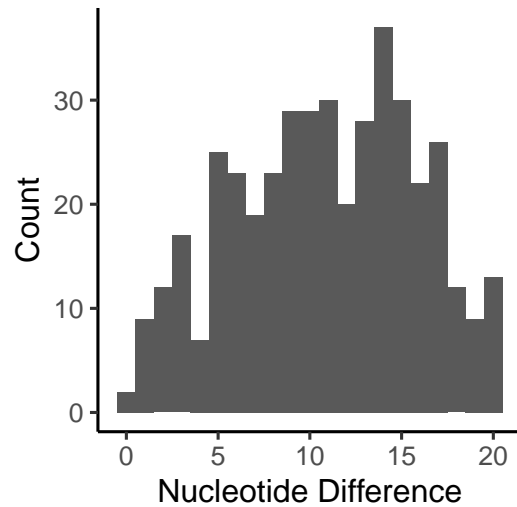
IGHV3-49*03_05

146 sequences assigned
No exact matches.



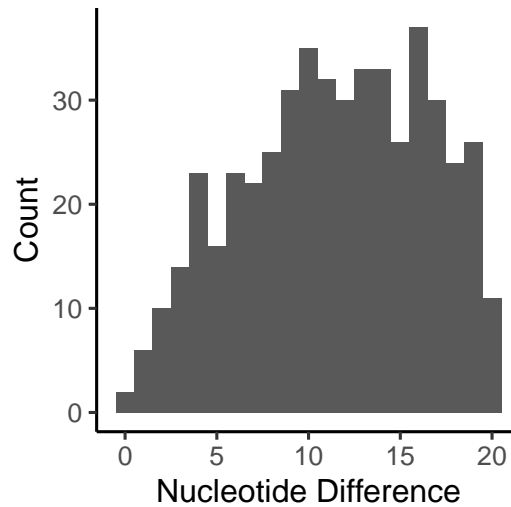
IGHV3-48*01

461 sequences assigned
2 (0.4%) exact matches, in which:
2 unique CDR3
2 unique J



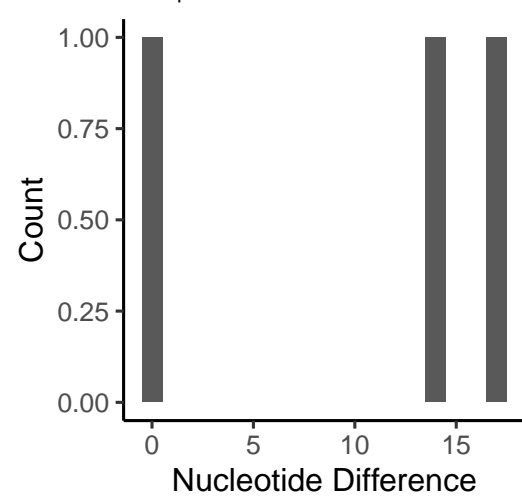
IGHV3-48*04

572 sequences assigned
2 (0.3%) exact matches, in which:
2 unique CDR3
2 unique J



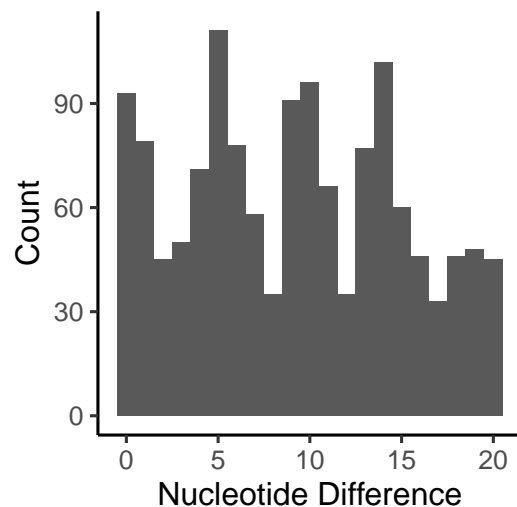
IGHV3-52*01_03

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



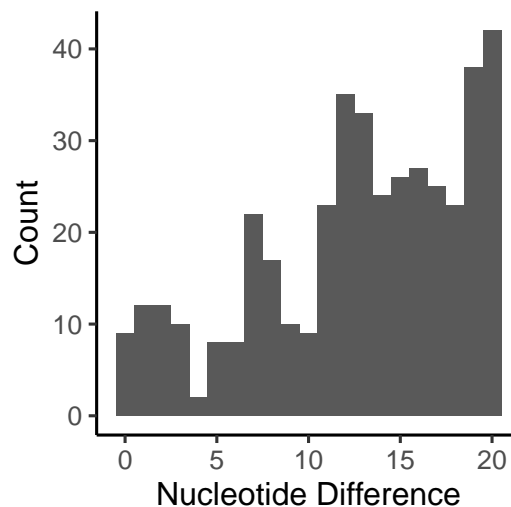
IGHV3-48*02

1427 sequences assigned
93 (6.5%) exact matches, in which:
58 unique CDR3
5 unique J



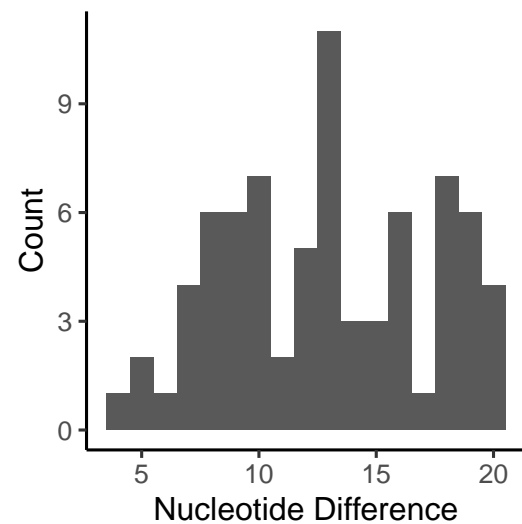
IGHV3-49*04

518 sequences assigned
9 (1.7%) exact matches, in which:
5 unique CDR3
1 unique J



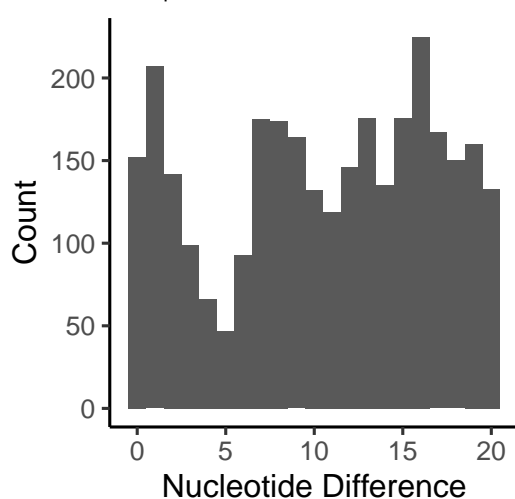
IGHV3-53*05

99 sequences assigned
No exact matches.



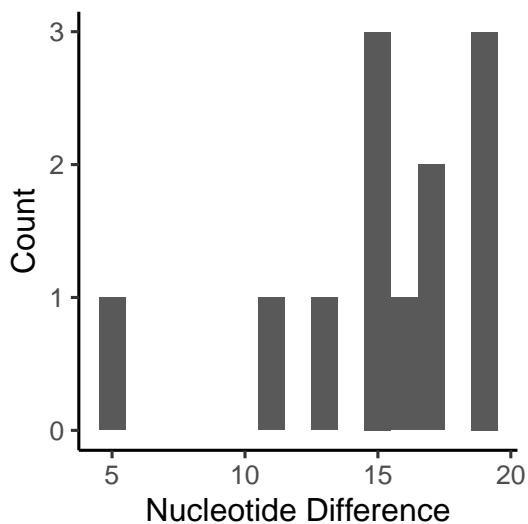
IGHV3–53*01_02

3672 sequences assigned
152 (4.1%) exact matches, in which:
98 unique CDR3
6 unique J



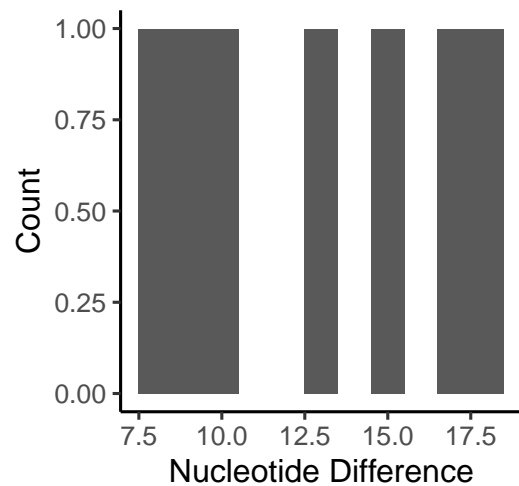
IGHV3–66*02

17 sequences assigned
No exact matches.



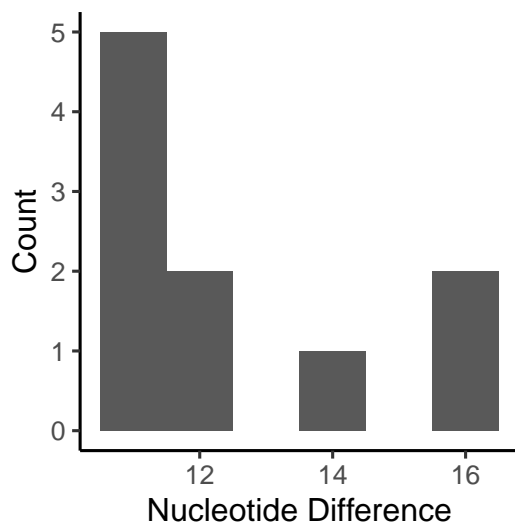
IGHV3–69–1*01

13 sequences assigned
No exact matches.



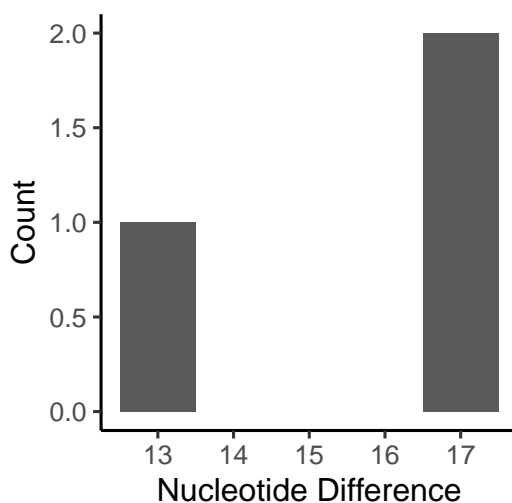
IGHV3–64*02_07

11 sequences assigned
No exact matches.



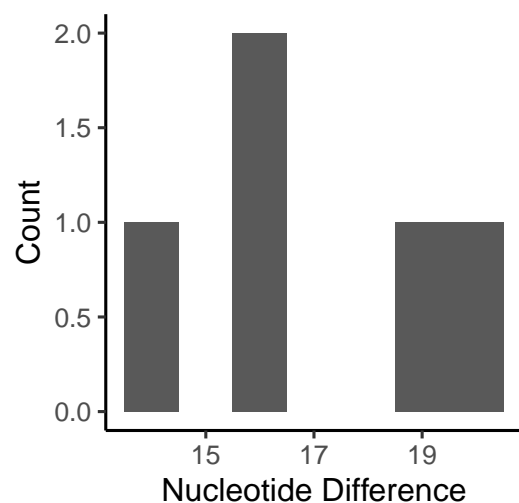
IGHV3–66*03

3 sequences assigned
No exact matches.



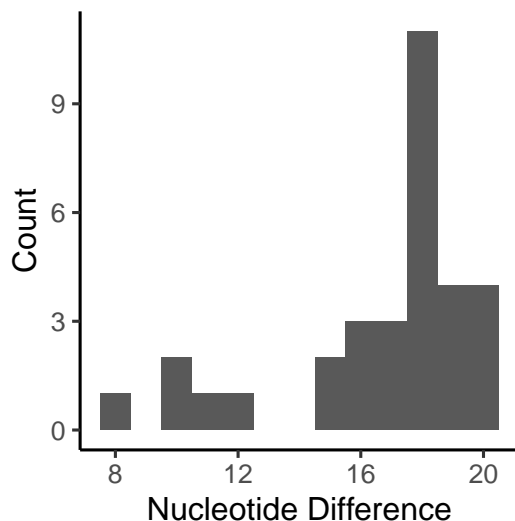
IGHV3–69–1*02

10 sequences assigned
No exact matches.



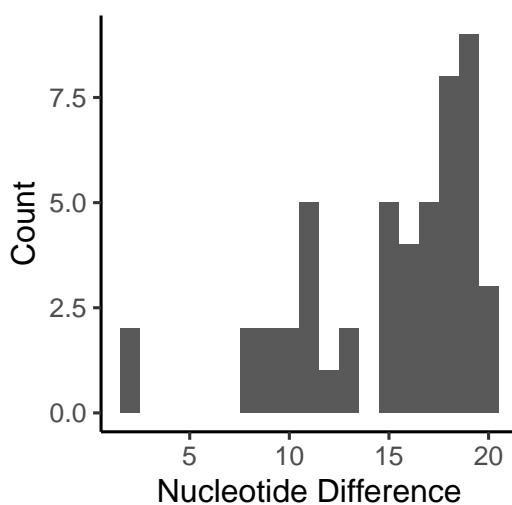
IGHV3–66*01

58 sequences assigned
No exact matches.



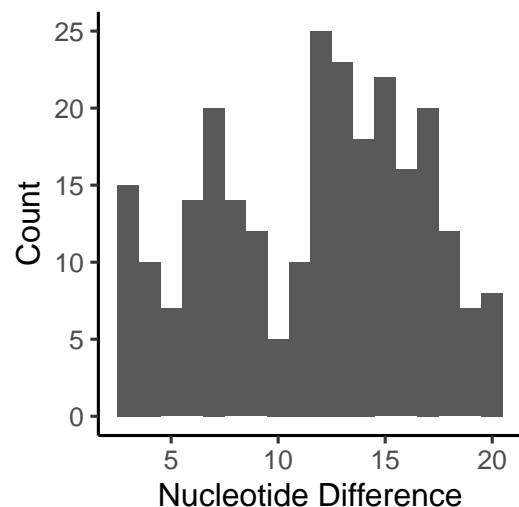
IGHV3–66*04

73 sequences assigned
No exact matches.



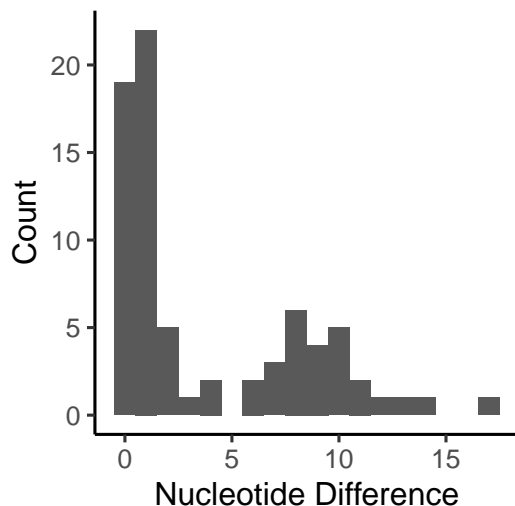
IGHV3–72*01

297 sequences assigned
No exact matches.



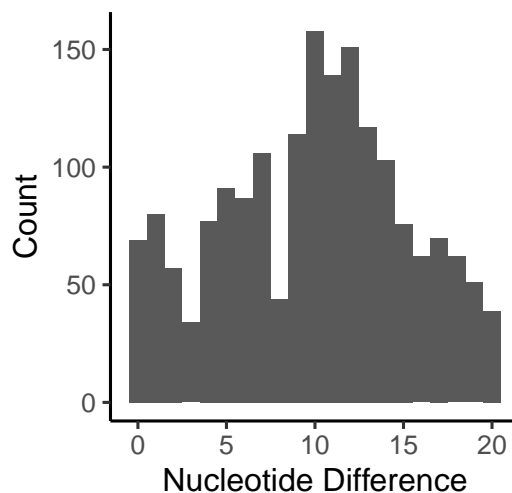
IGHV3-72*01_A169G_A1

76 sequences assigned
19 (25%) exact matches, in which:
16 unique CDR3
3 unique J



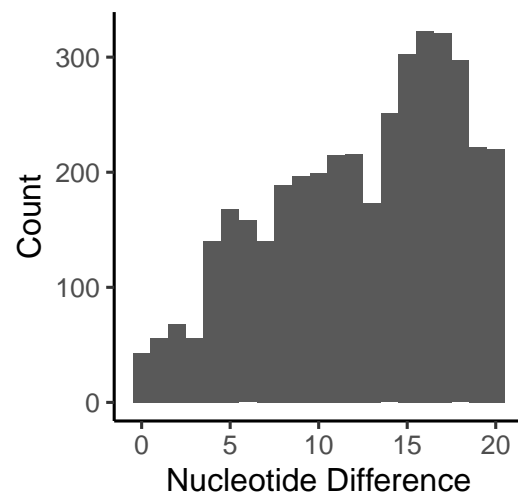
IGHV3-74*01_02

1982 sequences assigned
69 (3.5%) exact matches, in which:
44 unique CDR3
5 unique J



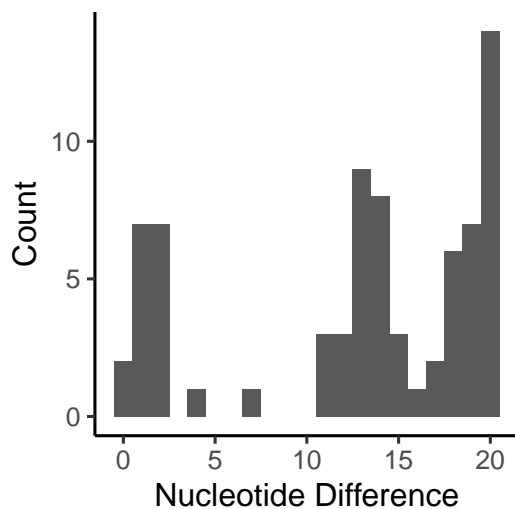
IGHV4-4*02_03

5018 sequences assigned
43 (0.9%) exact matches, in which:
29 unique CDR3
5 unique J



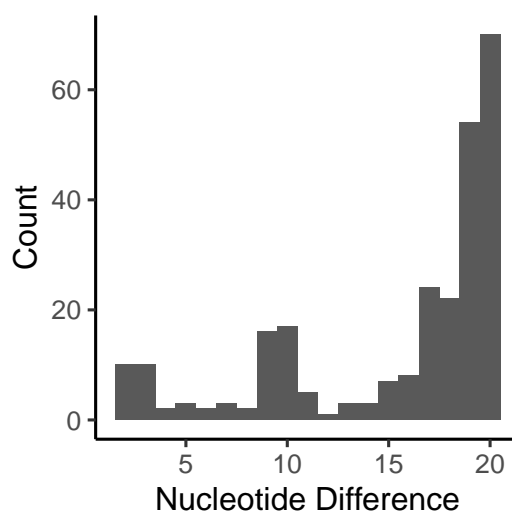
IGHV3-73*01_02

142 sequences assigned
2 (1.4%) exact matches, in which:
1 unique CDR3
1 unique J



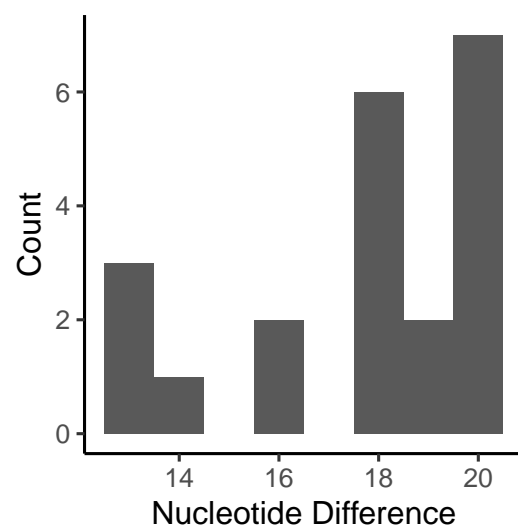
IGHV3-43D*04

509 sequences assigned
No exact matches.



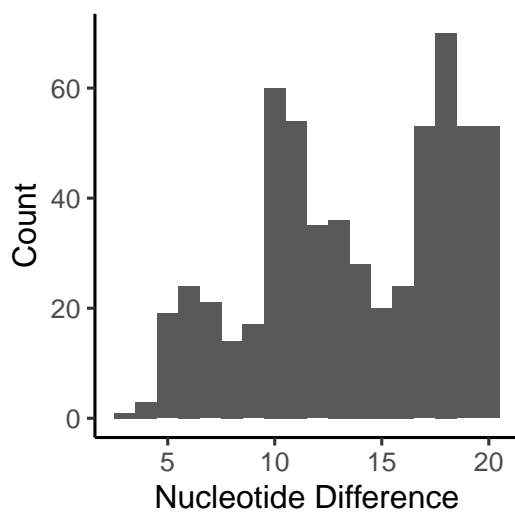
IGHV4-28*03

407 sequences assigned
No exact matches.



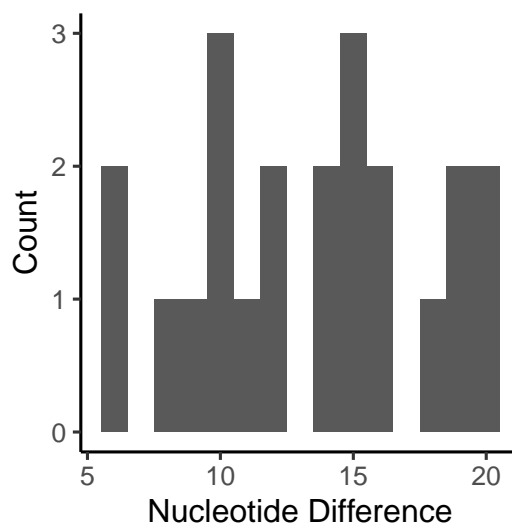
IGHV3-74*03

887 sequences assigned
No exact matches.



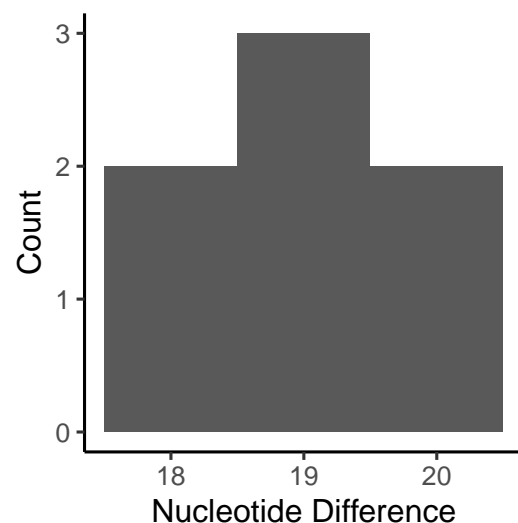
IGHV3-NL1*01

34 sequences assigned
No exact matches.



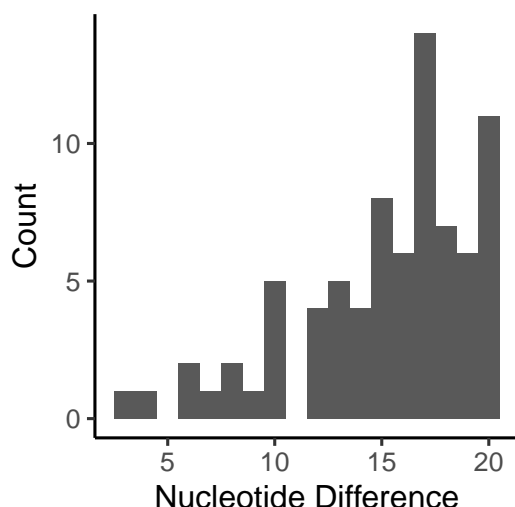
IGHV4-30-4*01

19 sequences assigned
No exact matches.



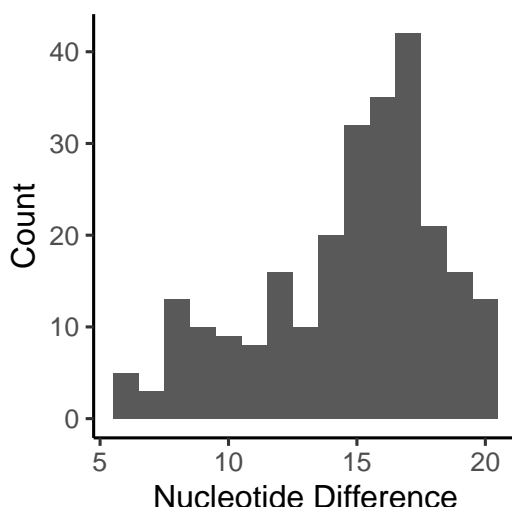
IGHV4-30-2*03

127 sequences assigned
No exact matches.



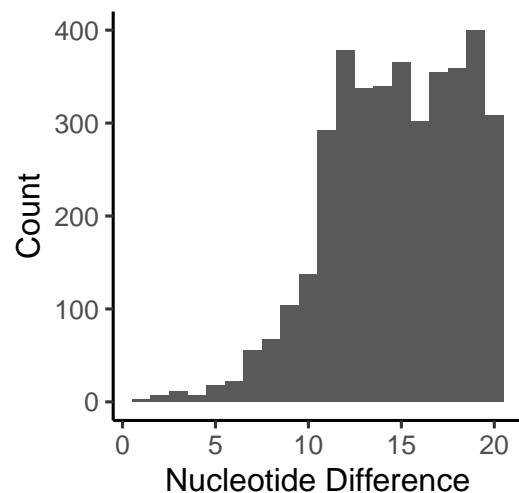
IGHV4-31*02

319 sequences assigned
No exact matches.



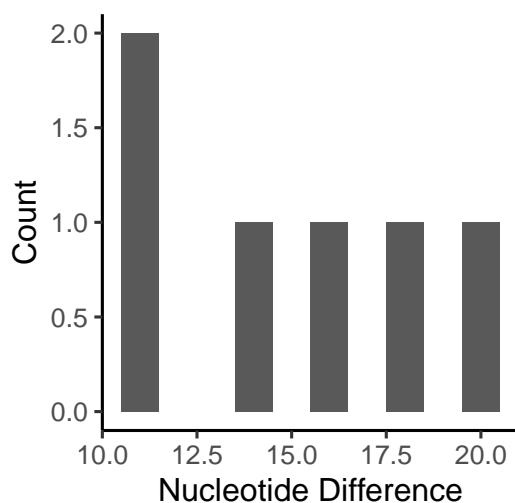
IGHV4-38-2*02

6063 sequences assigned
No exact matches.



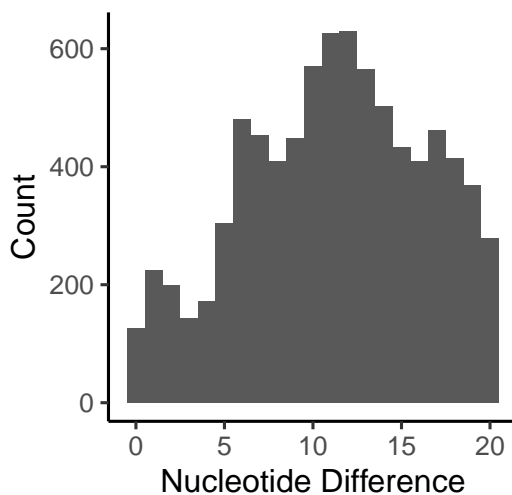
IGHV4-30-4*08

8 sequences assigned
No exact matches.



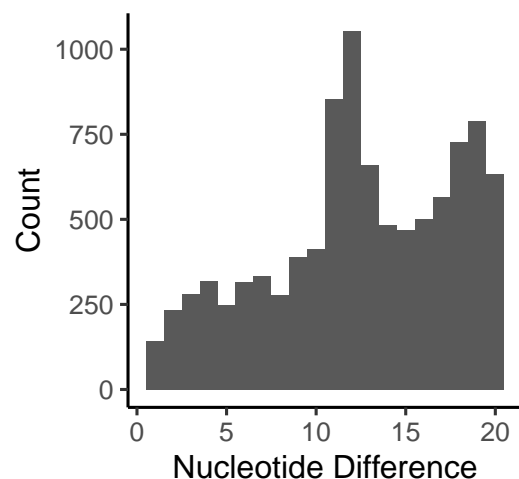
IGHV4-34*01_02

10894 sequences assigned
127 (1.2%) exact matches, in which:
93 unique CDR3
6 unique J



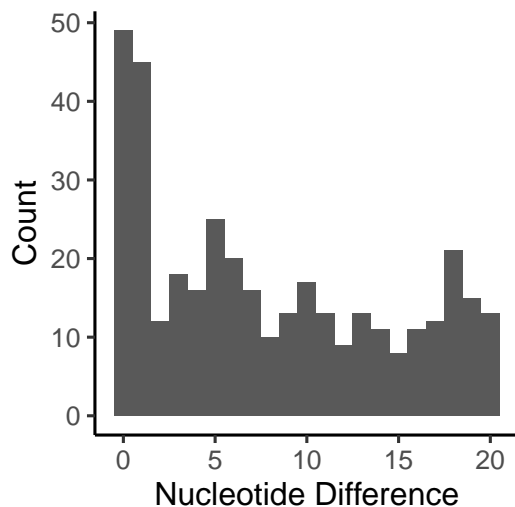
IGHV4-39*02

11605 sequences assigned
No exact matches.



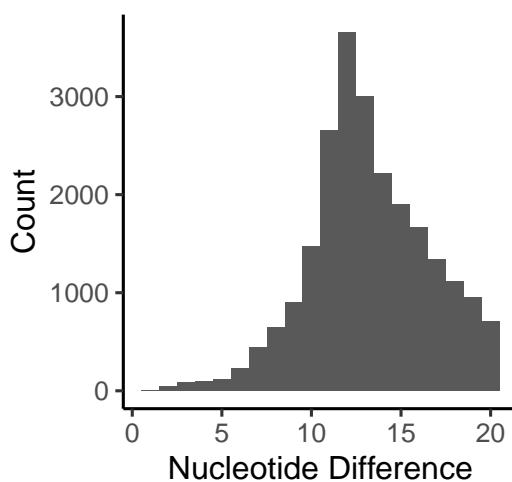
IGHV4-31*01

590 sequences assigned
49 (8.3%) exact matches, in which:
31 unique CDR3
5 unique J



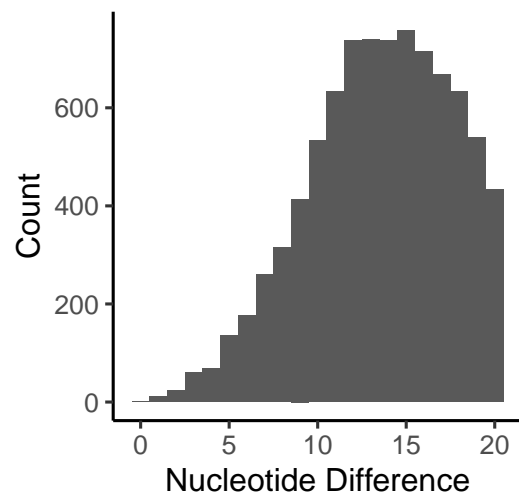
IGHV4-38-2*01

27390 sequences assigned
No exact matches.



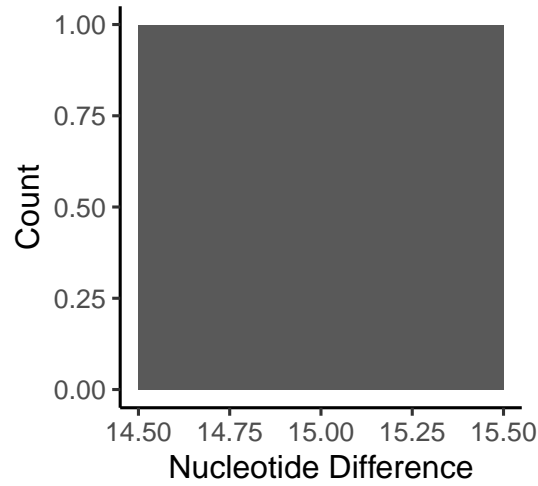
IGHV4-39*07

9984 sequences assigned
2 (0%) exact matches, in which:
2 unique CDR3
2 unique J



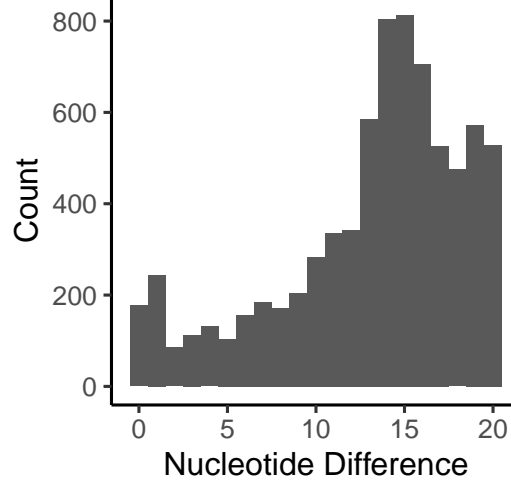
IGHV4-55*09

3 sequences assigned
No exact matches.



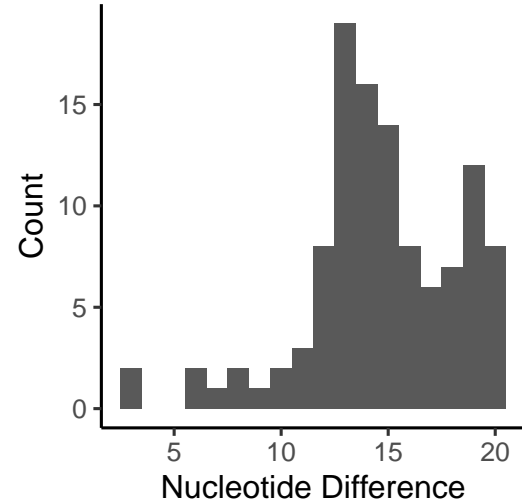
IGHV4-59*01_07

10953 sequences assigned
177 (1.6%) exact matches, in which:
100 unique CDR3
6 unique J



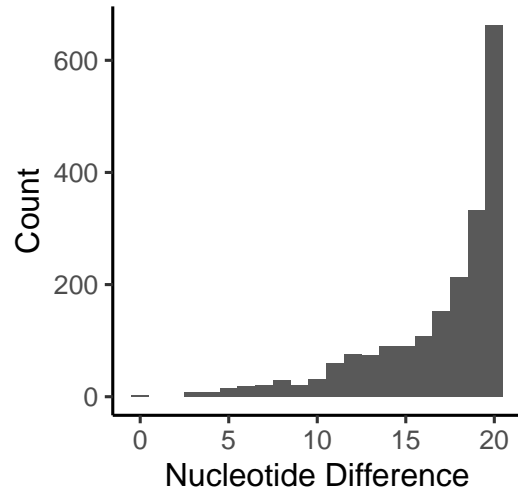
IGHV4/OR15-8*01

137 sequences assigned
No exact matches.



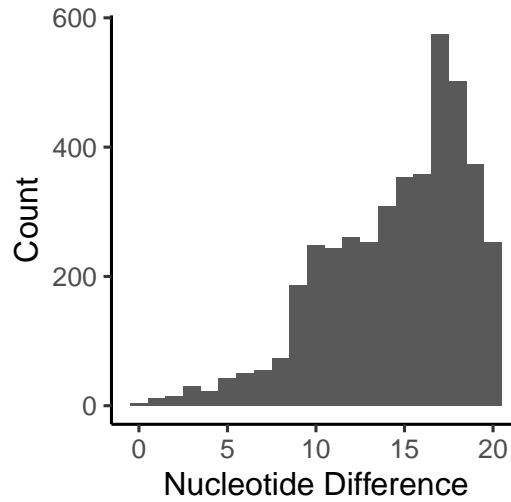
IGHV4-59*02

3524 sequences assigned
3 (0.1%) exact matches, in which:
2 unique CDR3
2 unique J



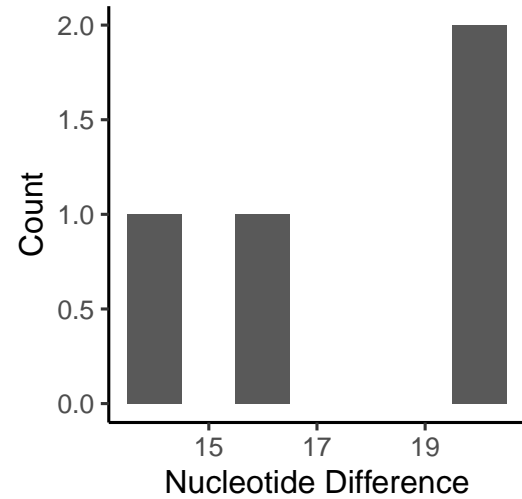
IGHV4-59*12

5549 sequences assigned
4 (0.1%) exact matches, in which:
4 unique CDR3
2 unique J



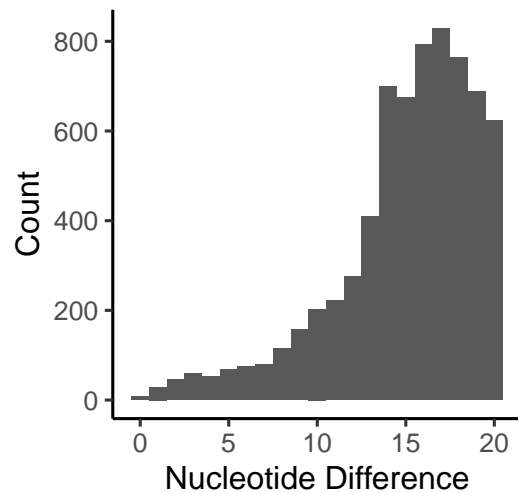
IGHV4/OR15-8*02

24 sequences assigned
No exact matches.



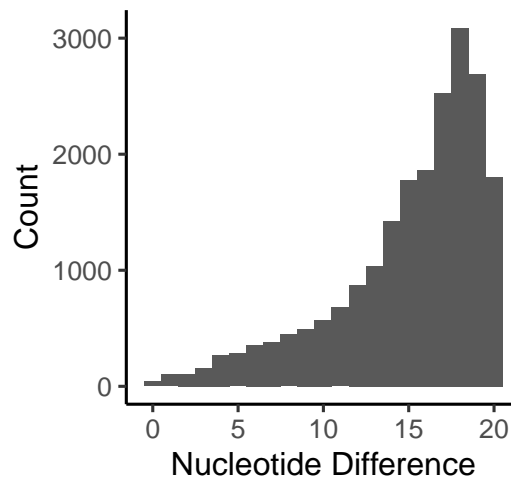
IGHV4-59*08

9254 sequences assigned
7 (0.1%) exact matches, in which:
7 unique CDR3
3 unique J



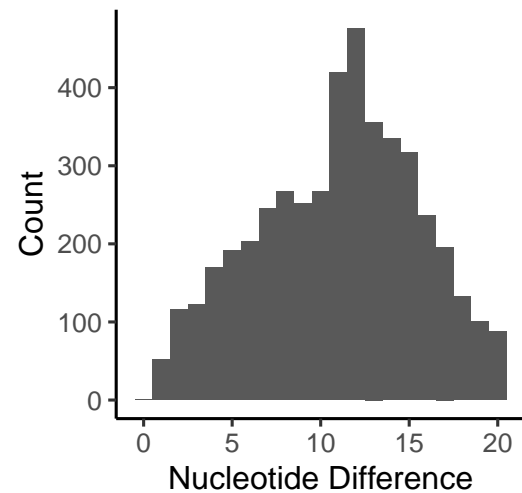
IGHV4-61*01

25562 sequences assigned
41 (0.2%) exact matches, in which:
29 unique CDR3
6 unique J



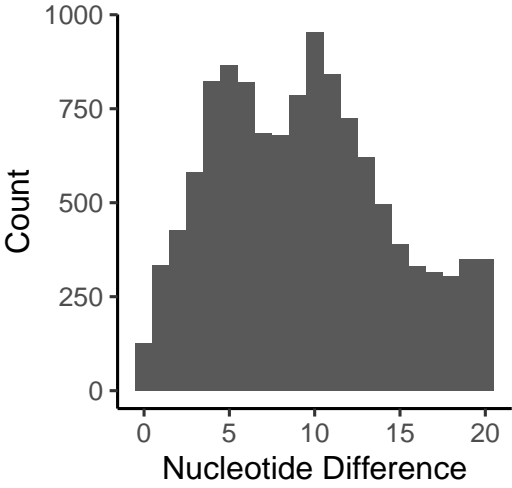
IGHV5-51*07

5149 sequences assigned
1 (0%) exact matches, in which:
1 unique CDR3
1 unique J



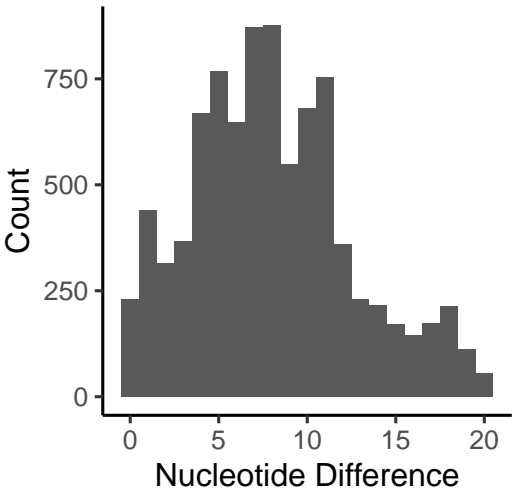
IGHV5-51*01_03

13610 sequences assigned
126 (0.9%) exact matches, in which:
81 unique CDR3
4 unique J

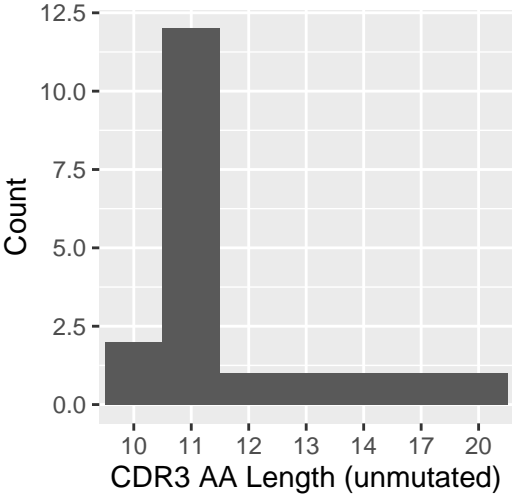


IGHV6-1*01_02

8966 sequences assigned
229 (2.6%) exact matches, in which:
132 unique CDR3
6 unique J



IGHV3-72*01_A169G_A173G_A177G_T187G_A188T_C287G





Warning – no inferred sequences found.

Warning – no inferred sequences found.