

Gene IGHV4-38-2*02_A70G

Count



400
300
200
100
0

G

C

315
G

A

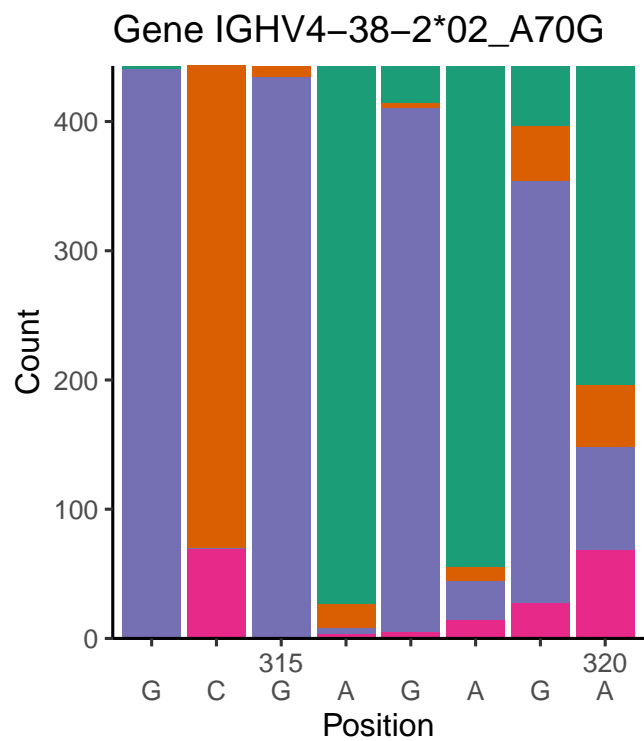
G

A

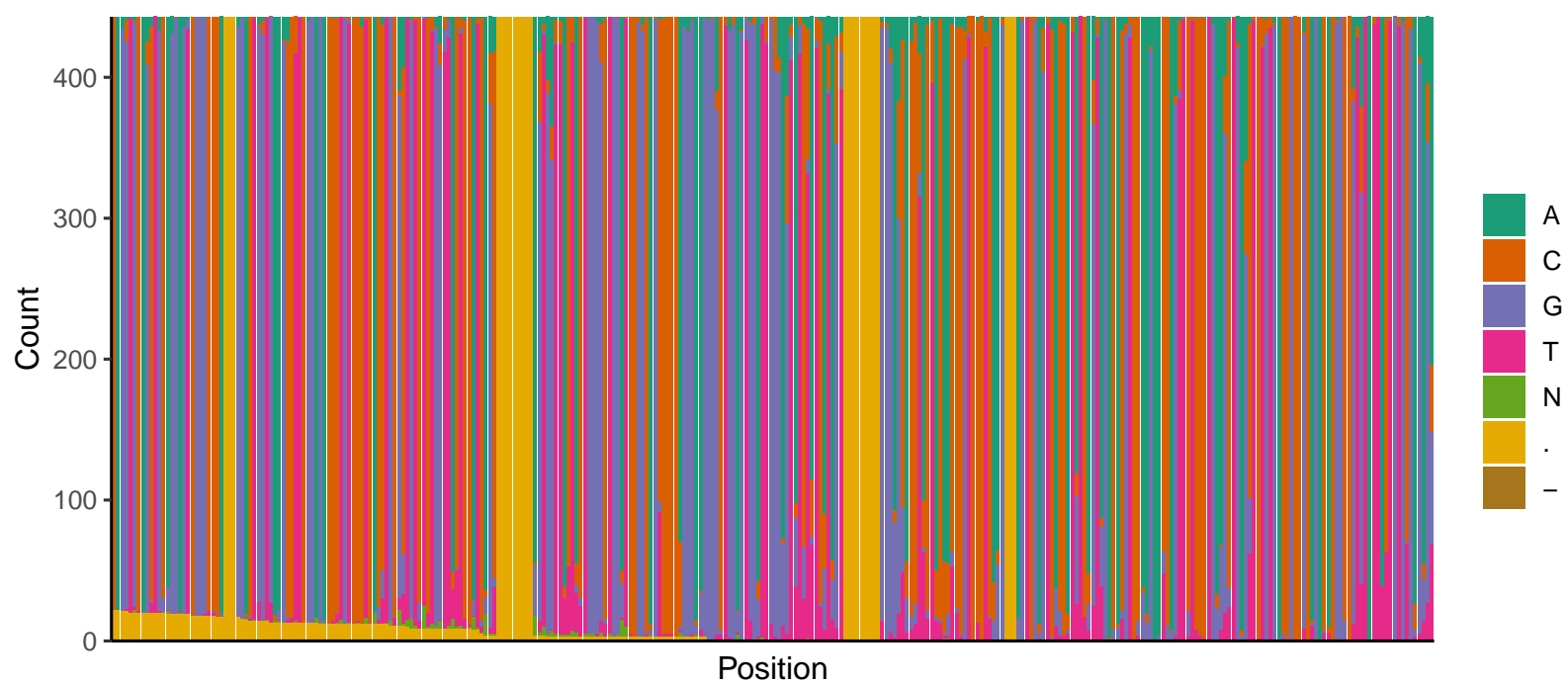
G

320
A

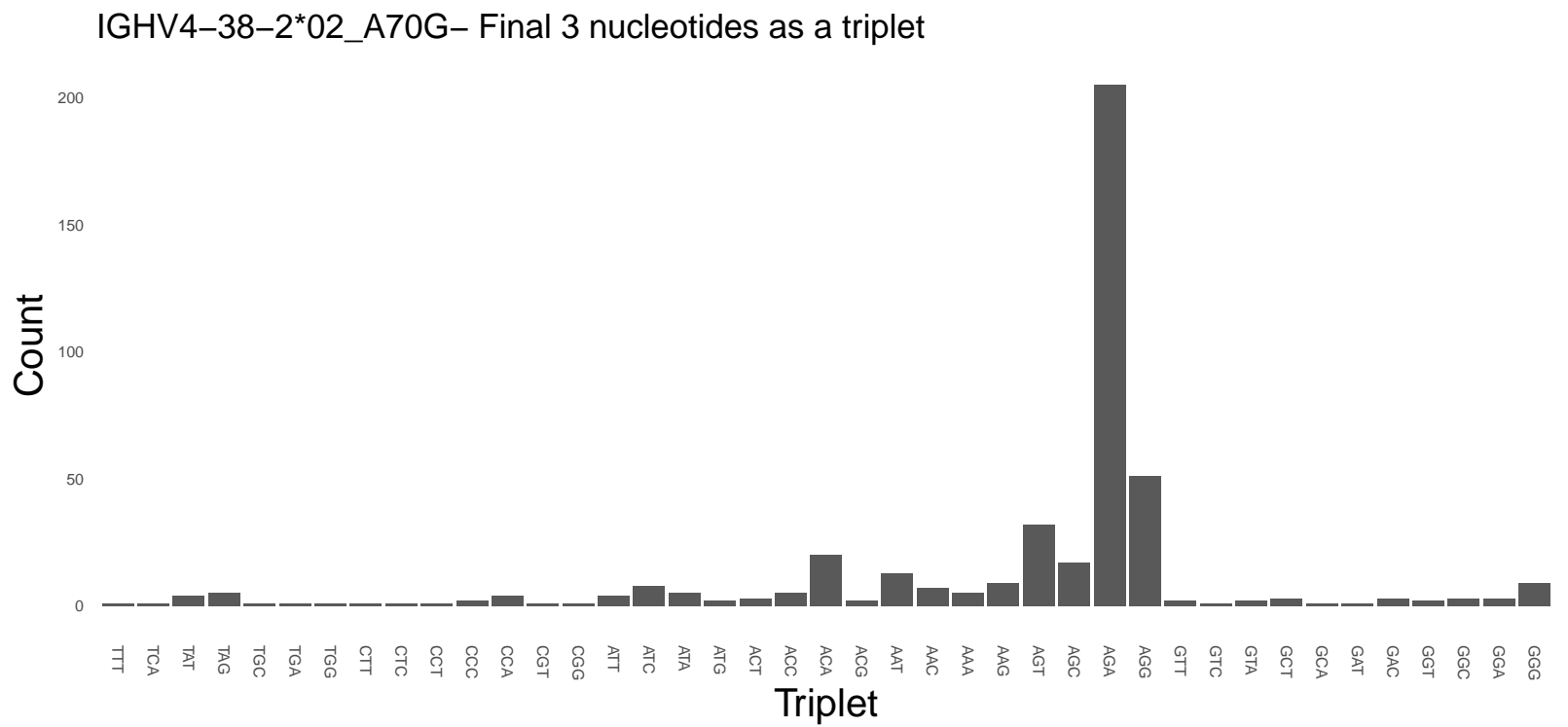
Position



Gene IGHV4-38-2*02_A70G

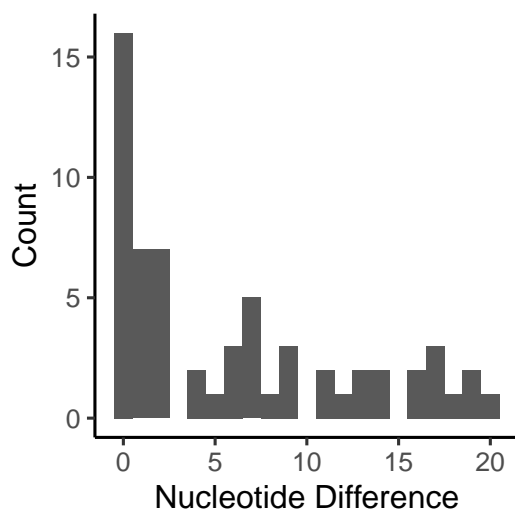


IGHV4-38-2*02_A70G- Final 3 nucleotides as a triplet



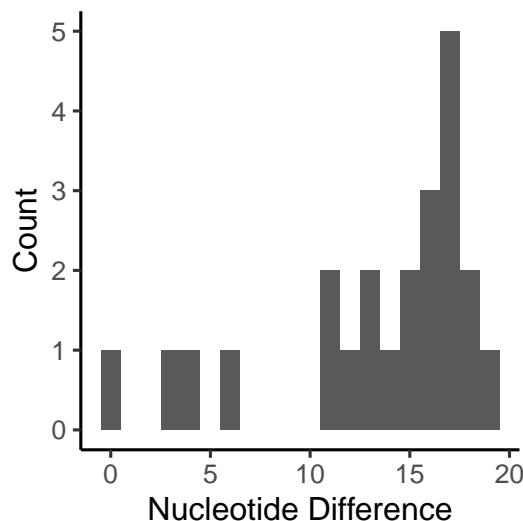
IGHV1-2*04

102 sequences assigned
16 (15.7%) exact matches, in which:
16 unique CDR3
4 unique J



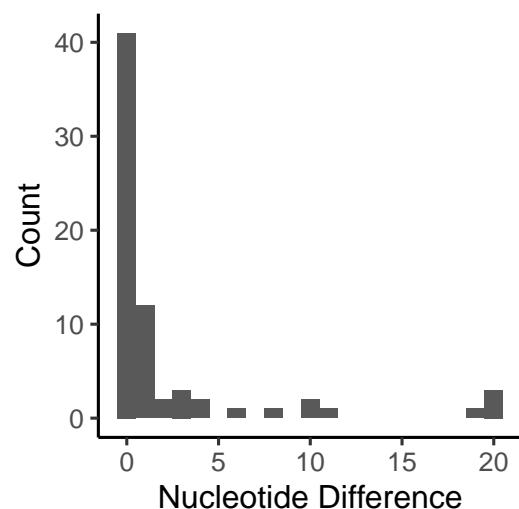
IGHV1-3*04

46 sequences assigned
1 (2.2%) exact matches, in which:
1 unique CDR3
1 unique J



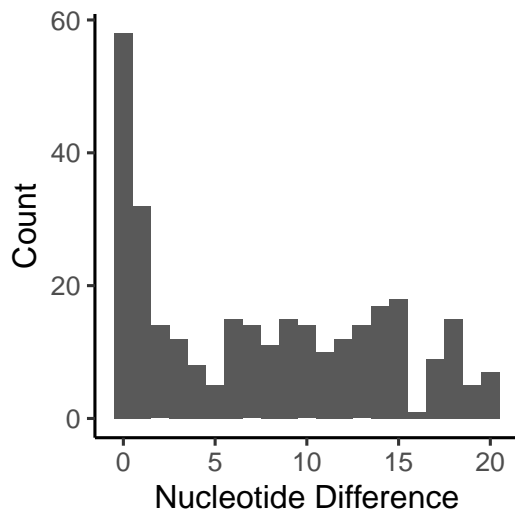
IGHV1-24*01

92 sequences assigned
41 (44.6%) exact matches, in which:
40 unique CDR3
5 unique J



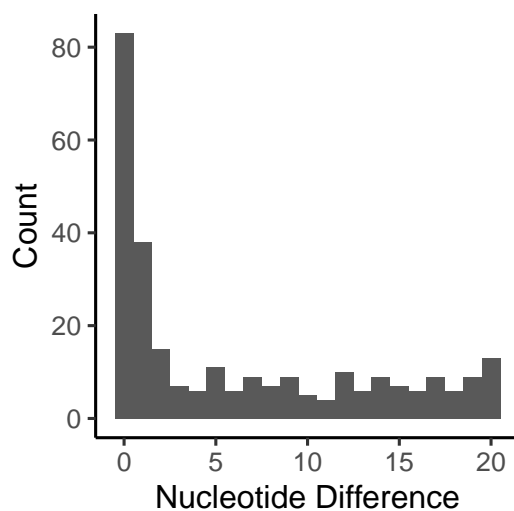
IGHV1-2*06

470 sequences assigned
58 (12.3%) exact matches, in which:
58 unique CDR3
6 unique J



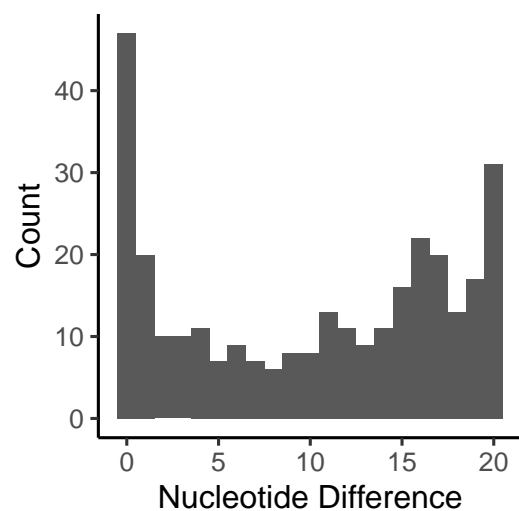
IGHV1-8*01

332 sequences assigned
83 (25%) exact matches, in which:
83 unique CDR3
4 unique J



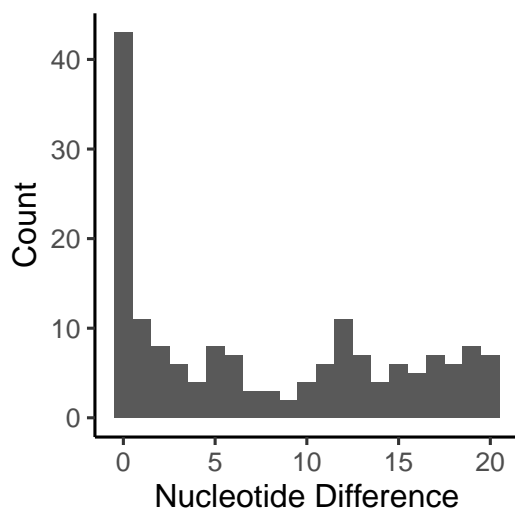
IGHV1-46*01

873 sequences assigned
47 (5.4%) exact matches, in which:
47 unique CDR3
5 unique J



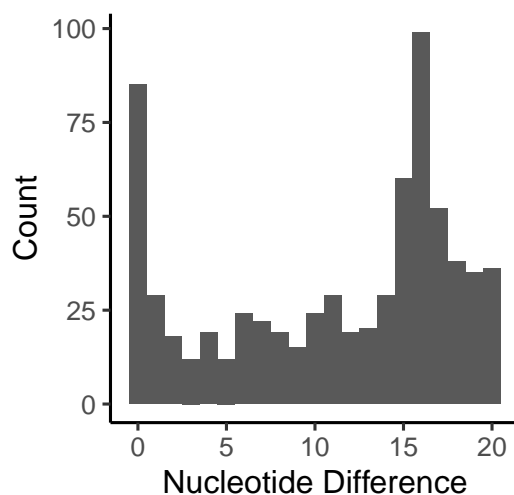
IGHV1-3*01

252 sequences assigned
43 (17.1%) exact matches, in which:
42 unique CDR3
4 unique J



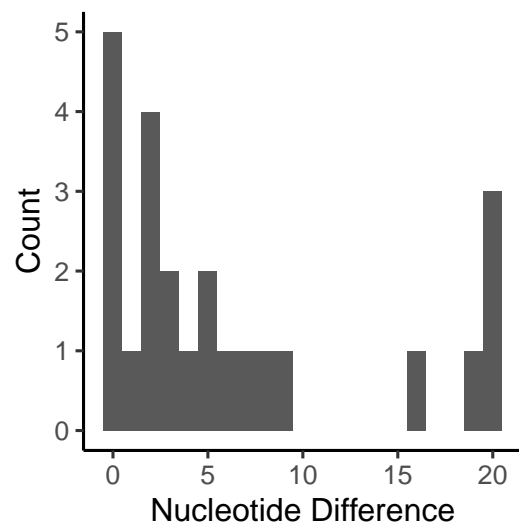
IGHV1-18*01

881 sequences assigned
85 (9.6%) exact matches, in which:
85 unique CDR3
6 unique J



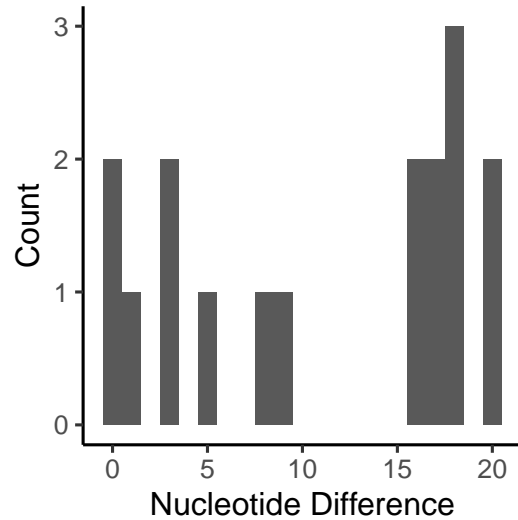
IGHV1-58*01

42 sequences assigned
5 (11.9%) exact matches, in which:
5 unique CDR3
3 unique J



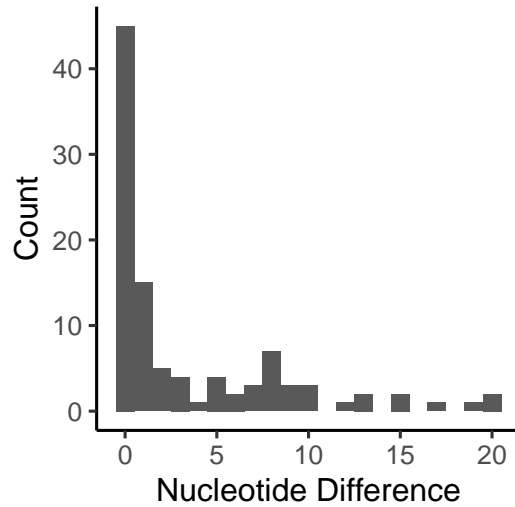
IGHV1-58*02

19 sequences assigned
2 (10.5%) exact matches, in which:
2 unique CDR3
2 unique J



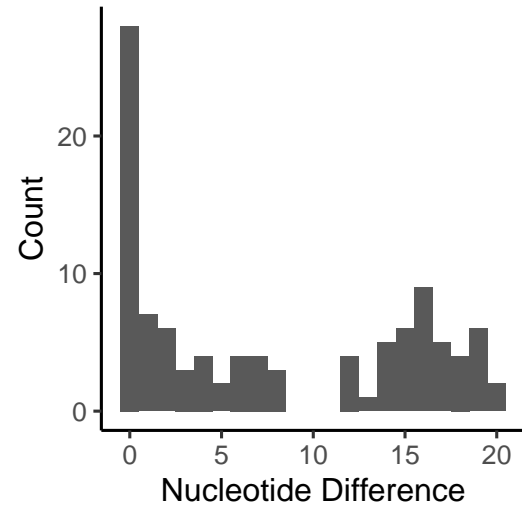
IGHV1-69*06

161 sequences assigned
45 (28%) exact matches, in which:
45 unique CDR3
5 unique J



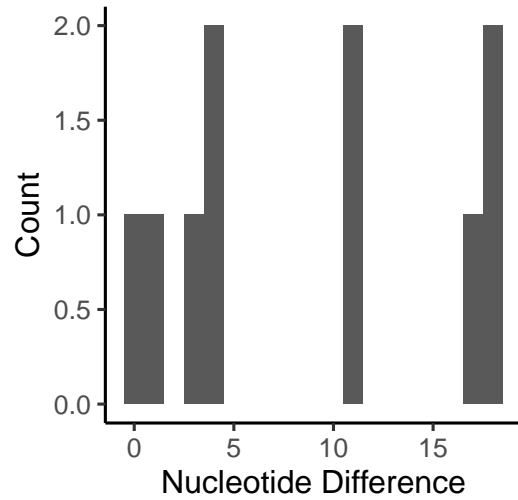
IGHV2-26*01

118 sequences assigned
28 (23.7%) exact matches, in which:
28 unique CDR3
5 unique J



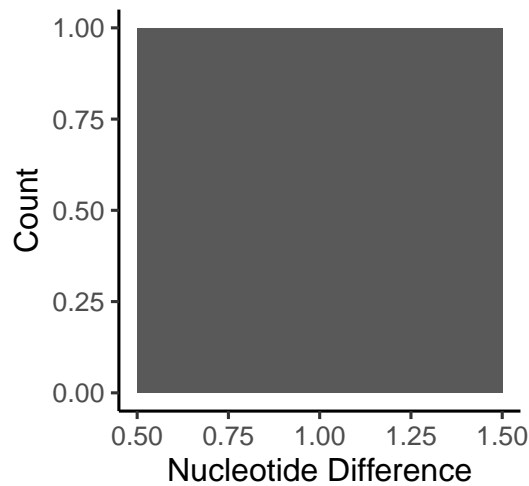
IGHV1-69-2*01

11 sequences assigned
1 (9.1%) exact matches, in which:
1 unique CDR3
1 unique J



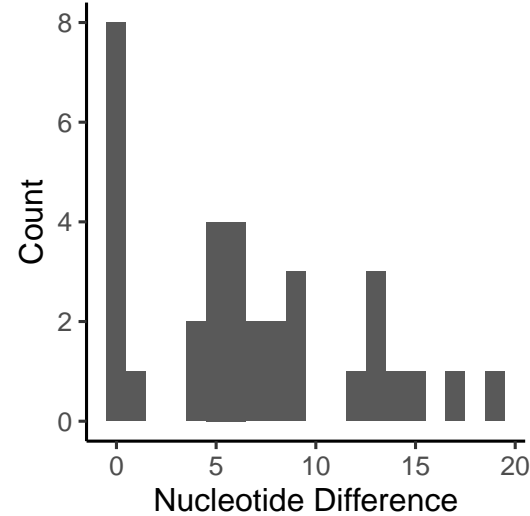
IGHV1-NL1*01

1 sequences assigned
No exact matches.



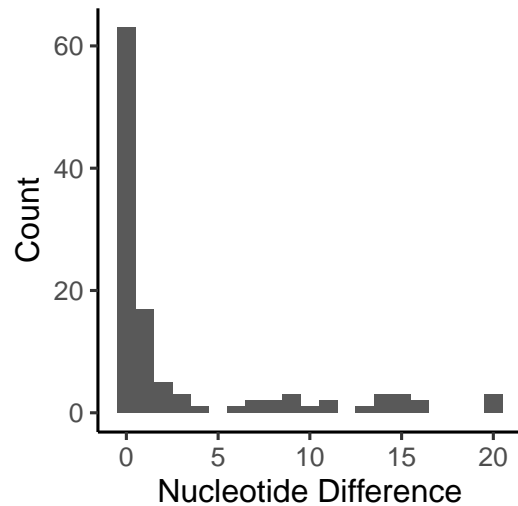
IGHV2-70*01

34 sequences assigned
8 (23.5%) exact matches, in which:
8 unique CDR3
4 unique J



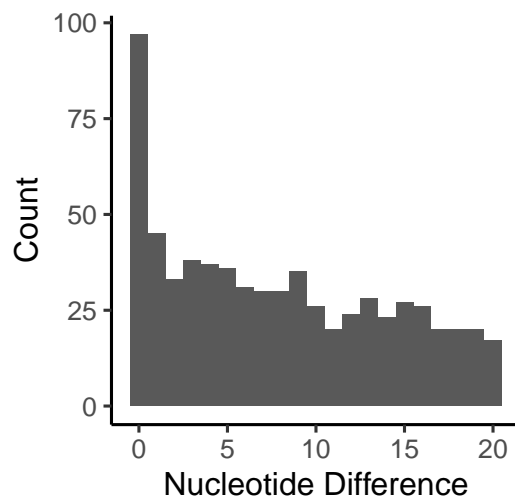
IGHV1-69*04

175 sequences assigned
63 (36%) exact matches, in which:
63 unique CDR3
5 unique J



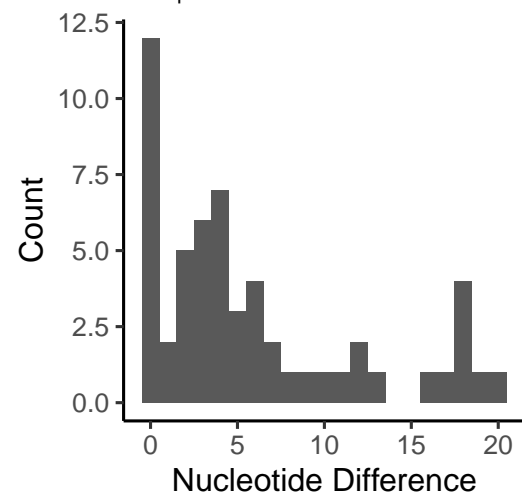
IGHV2-5*02

787 sequences assigned
97 (12.3%) exact matches, in which:
97 unique CDR3
6 unique J



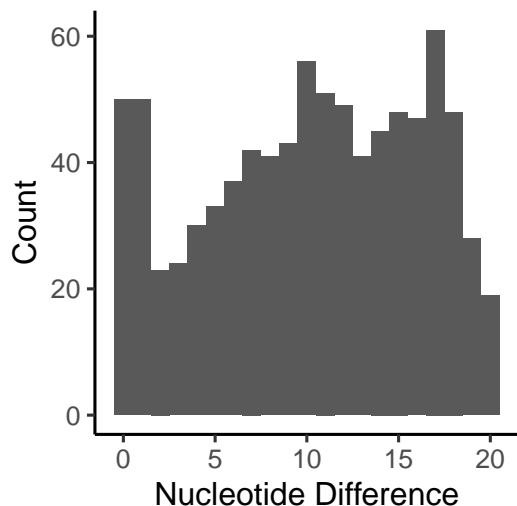
IGHV2-70*15

70 sequences assigned
12 (17.1%) exact matches, in which:
12 unique CDR3
3 unique J



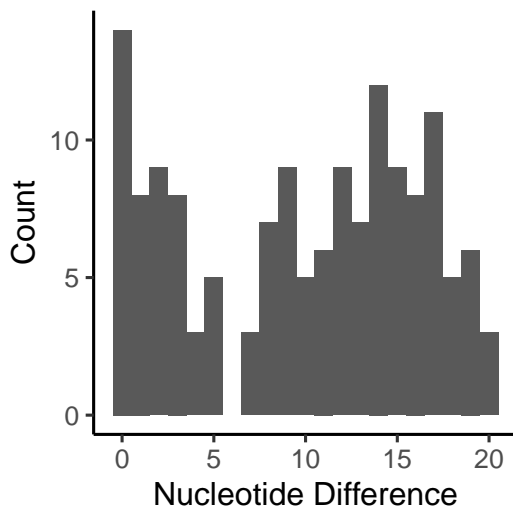
IGHV3-7*01

1058 sequences assigned
50 (4.7%) exact matches, in which:
50 unique CDR3
5 unique J



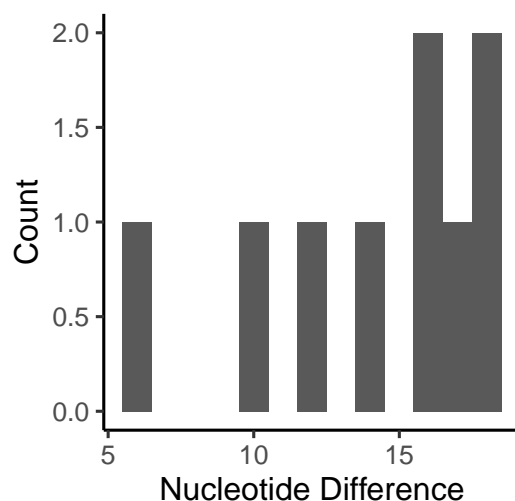
IGHV3-13*01

182 sequences assigned
14 (7.7%) exact matches, in which:
14 unique CDR3
5 unique J



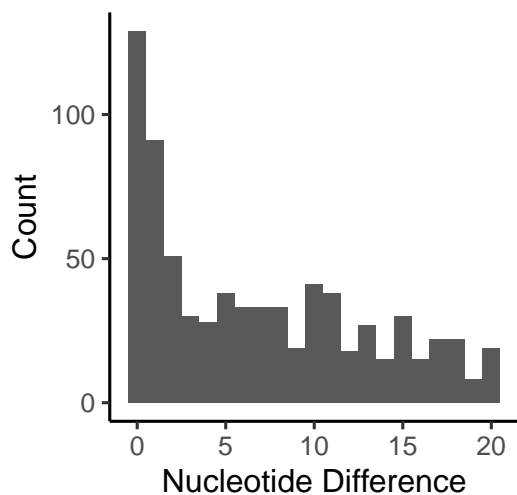
IGHV3-20*04

19 sequences assigned
No exact matches.



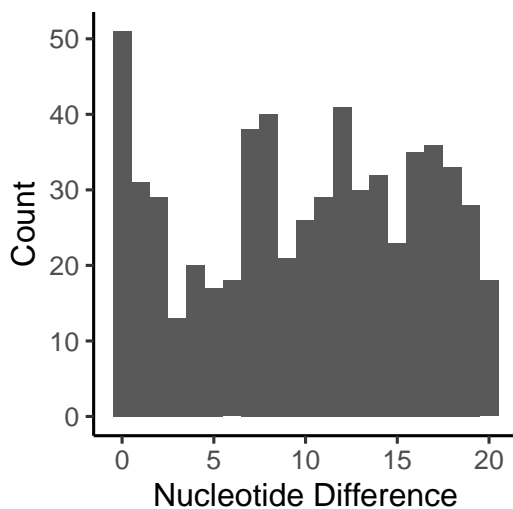
IGHV3-9*01

943 sequences assigned
129 (13.7%) exact matches, in which:
128 unique CDR3
6 unique J



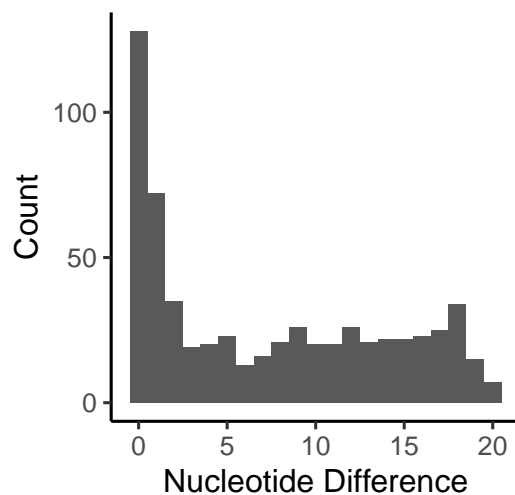
IGHV3-15*01

830 sequences assigned
51 (6.1%) exact matches, in which:
51 unique CDR3
5 unique J



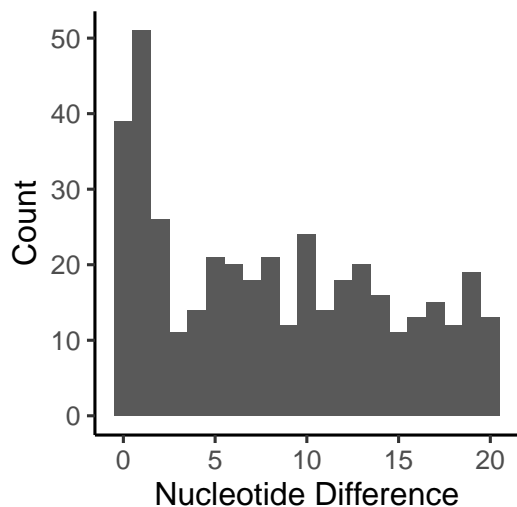
IGHV3-21*01

751 sequences assigned
128 (17%) exact matches, in which:
127 unique CDR3
6 unique J



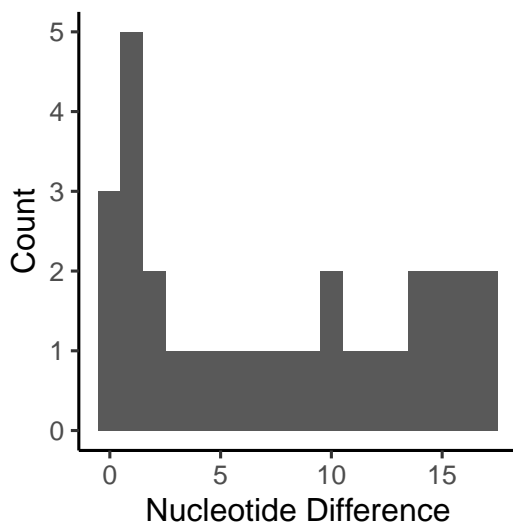
IGHV3-11*01

549 sequences assigned
39 (7.1%) exact matches, in which:
38 unique CDR3
5 unique J



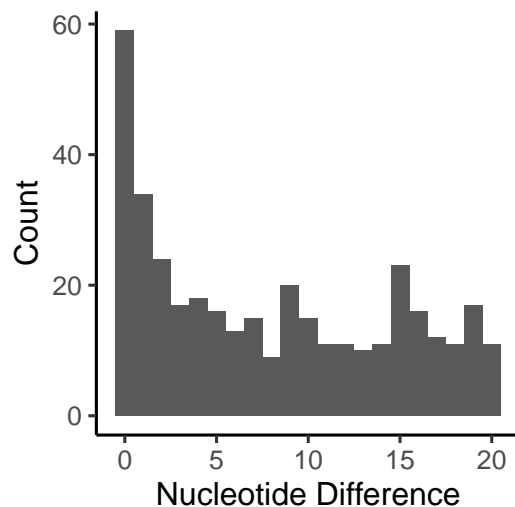
IGHV3-20*01

35 sequences assigned
3 (8.6%) exact matches, in which:
3 unique CDR3
3 unique J



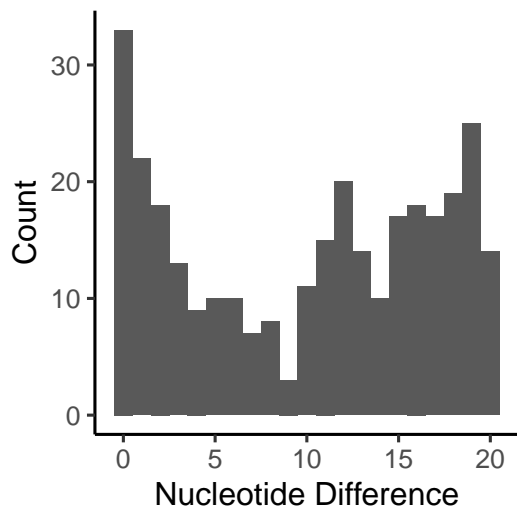
IGHV3-30-3*01

458 sequences assigned
59 (12.9%) exact matches, in which:
59 unique CDR3
5 unique J



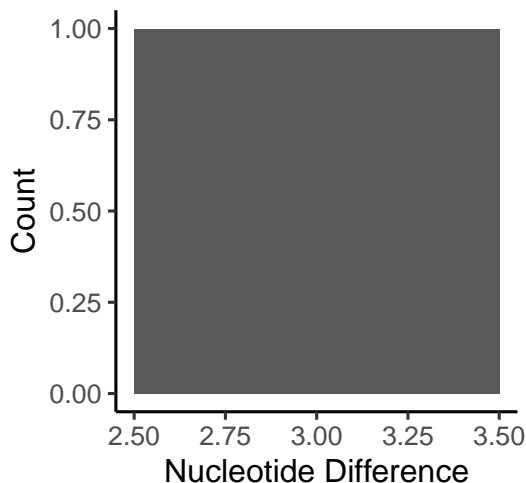
IGHV3-33*01

399 sequences assigned
33 (8.3%) exact matches, in which:
33 unique CDR3
5 unique J



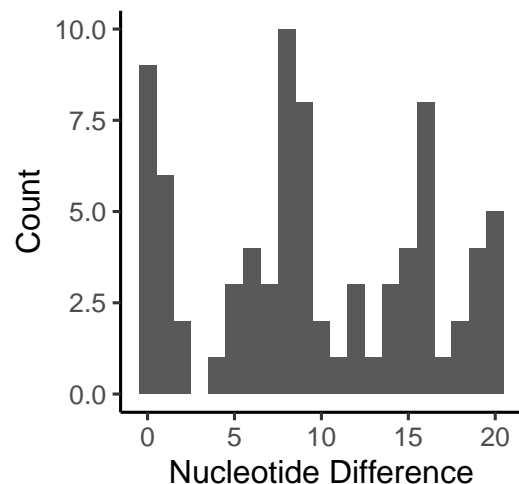
IGHV3-47*02

1 sequences assigned
No exact matches.



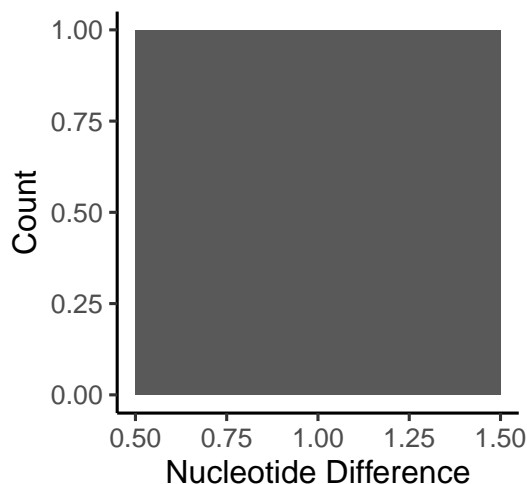
IGHV3-53*02

109 sequences assigned
9 (8.3%) exact matches, in which:
9 unique CDR3
3 unique J



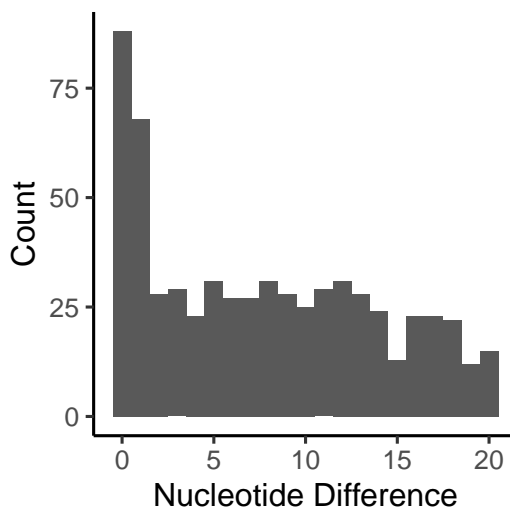
IGHV3-35*01

1 sequences assigned
No exact matches.



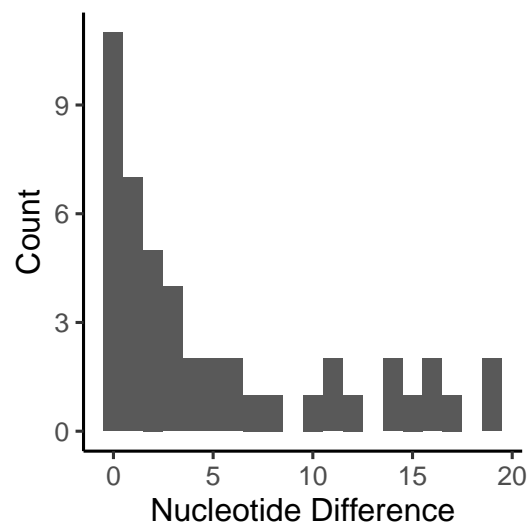
IGHV3-48*03

802 sequences assigned
88 (11%) exact matches, in which:
87 unique CDR3
5 unique J



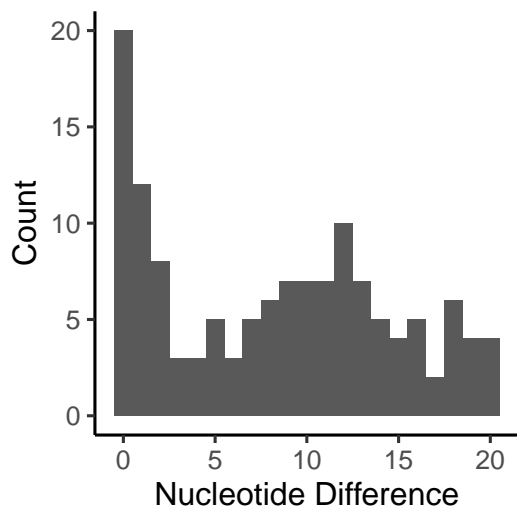
IGHV3-53*04

58 sequences assigned
11 (19%) exact matches, in which:
11 unique CDR3
4 unique J



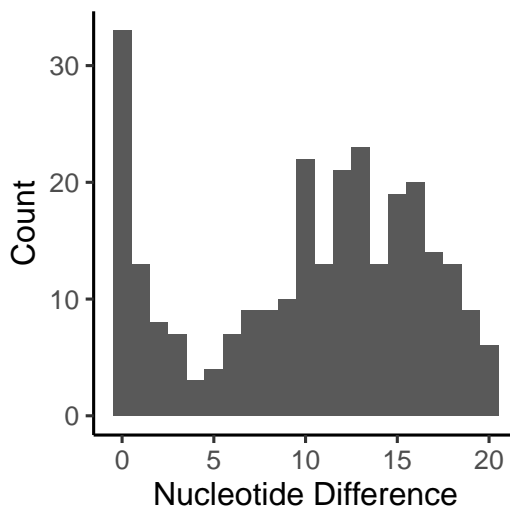
IGHV3-43*02

171 sequences assigned
20 (11.7%) exact matches, in which:
20 unique CDR3
4 unique J



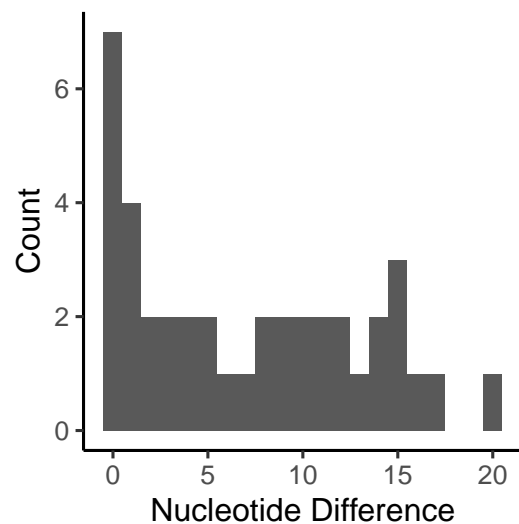
IGHV3-49*04

395 sequences assigned
33 (8.4%) exact matches, in which:
33 unique CDR3
4 unique J



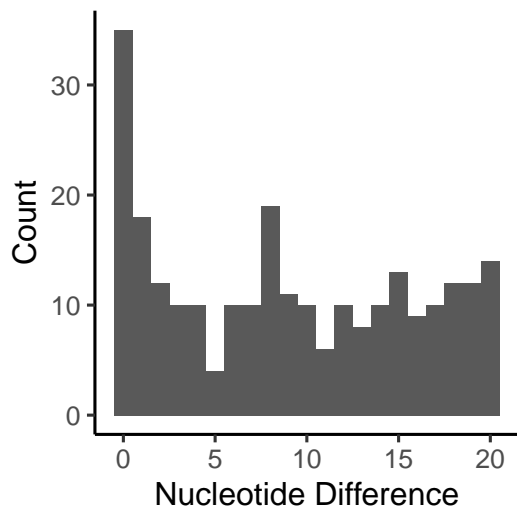
IGHV3-64*01

51 sequences assigned
7 (13.7%) exact matches, in which:
7 unique CDR3
4 unique J



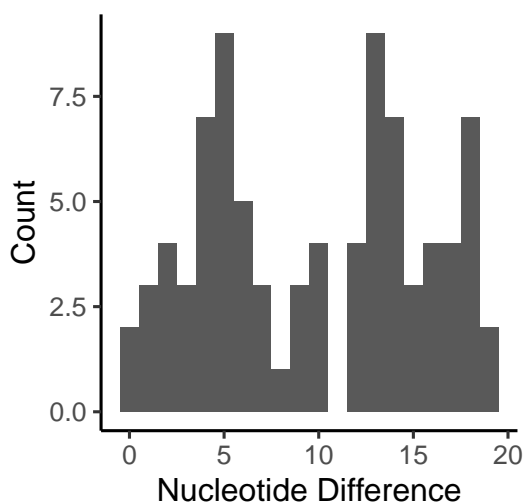
IGHV3-66*01

323 sequences assigned
35 (10.8%) exact matches, in which:
35 unique CDR3
4 unique J



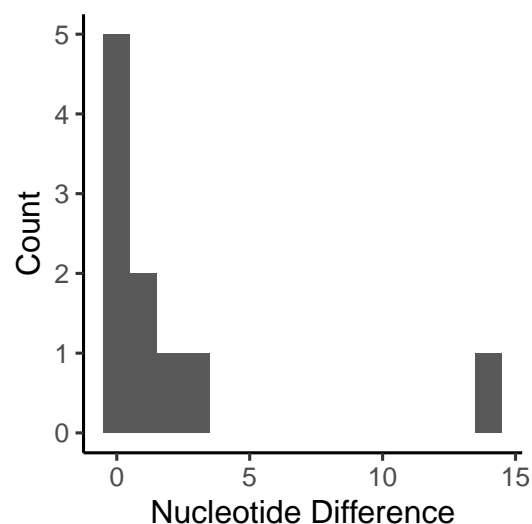
IGHV3-73*01

94 sequences assigned
2 (2.1%) exact matches, in which:
2 unique CDR3
2 unique J



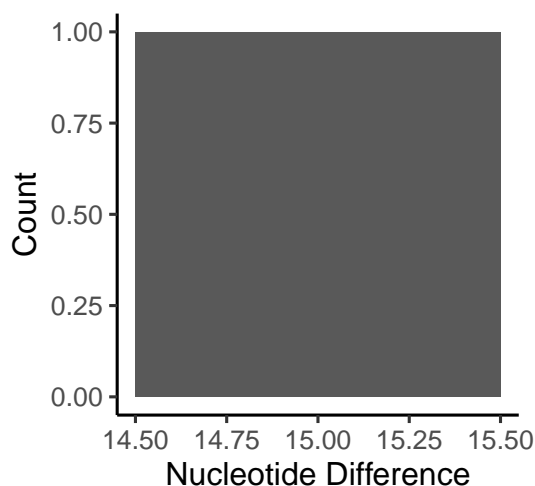
IGHV3-43D*04

13 sequences assigned
5 (38.5%) exact matches, in which:
5 unique CDR3
2 unique J



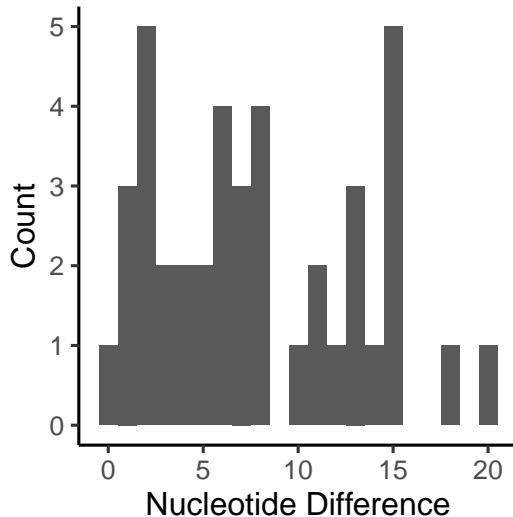
IGHV3-69-1*01

1 sequences assigned
No exact matches.



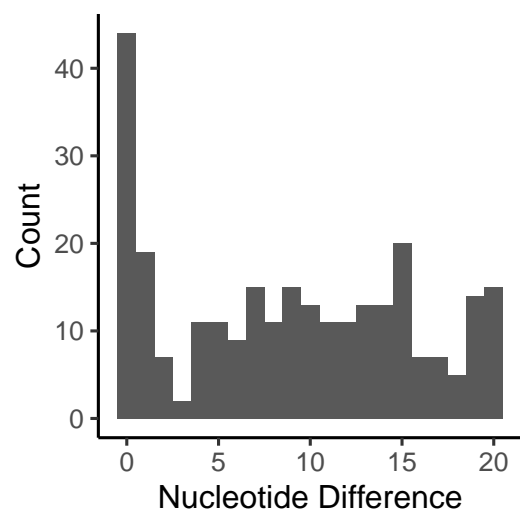
IGHV3-73*02

54 sequences assigned
1 (1.9%) exact matches, in which:
1 unique CDR3
1 unique J



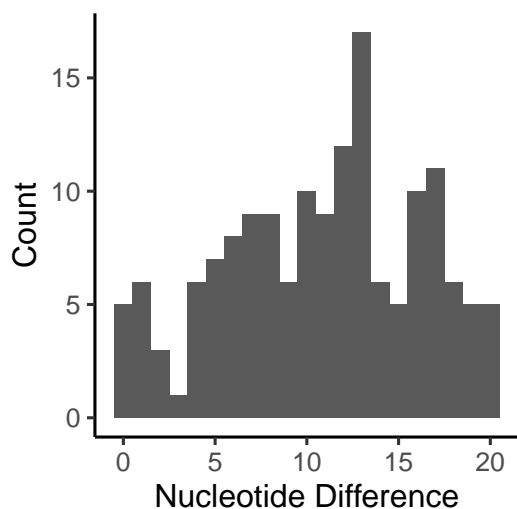
IGHV4-4*02

393 sequences assigned
44 (11.2%) exact matches, in which:
44 unique CDR3
6 unique J



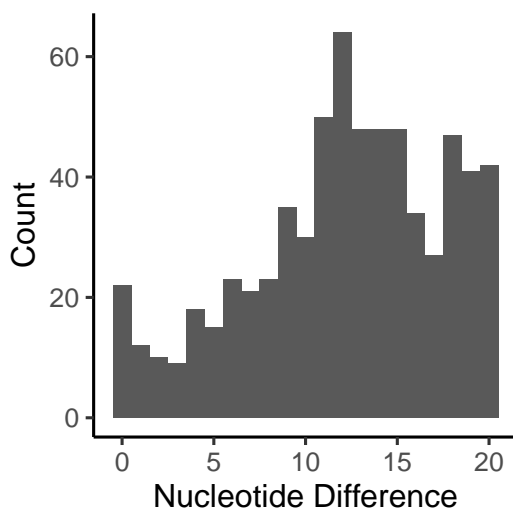
IGHV3-72*01

183 sequences assigned
5 (2.7%) exact matches, in which:
5 unique CDR3
3 unique J



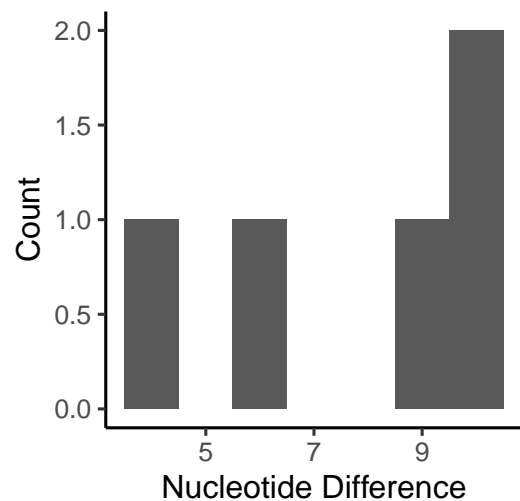
IGHV3-74*01

908 sequences assigned
22 (2.4%) exact matches, in which:
22 unique CDR3
5 unique J



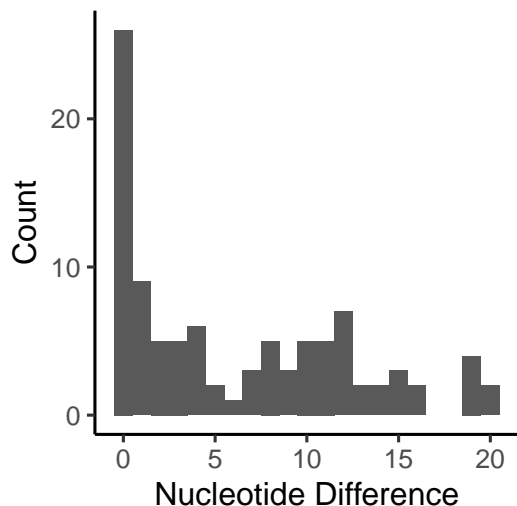
IGHV4-28*01

5 sequences assigned
No exact matches.



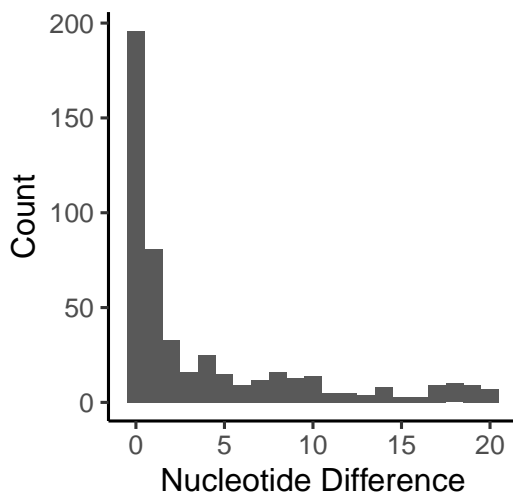
IGHV4-30-4*01

123 sequences assigned
26 (21.1%) exact matches, in which:
25 unique CDR3
5 unique J



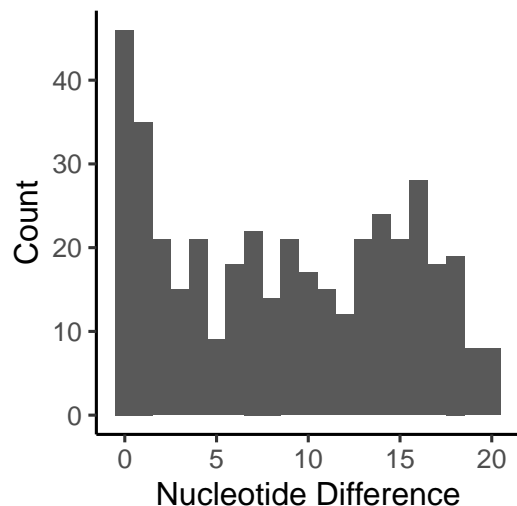
IGHV4-34*01

575 sequences assigned
196 (34.1%) exact matches, in which:
196 unique CDR3
6 unique J



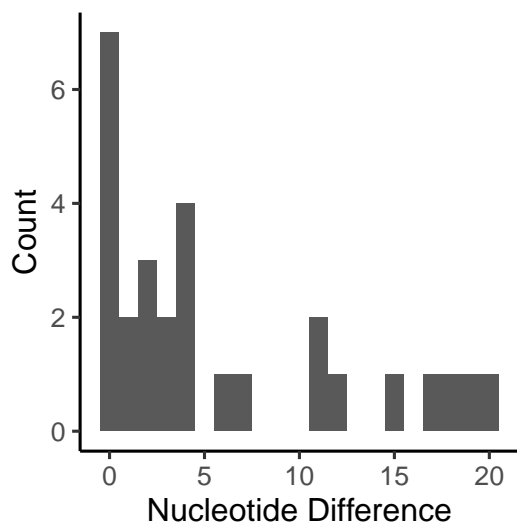
IGHV4-59*01

513 sequences assigned
46 (9%) exact matches, in which:
46 unique CDR3
5 unique J



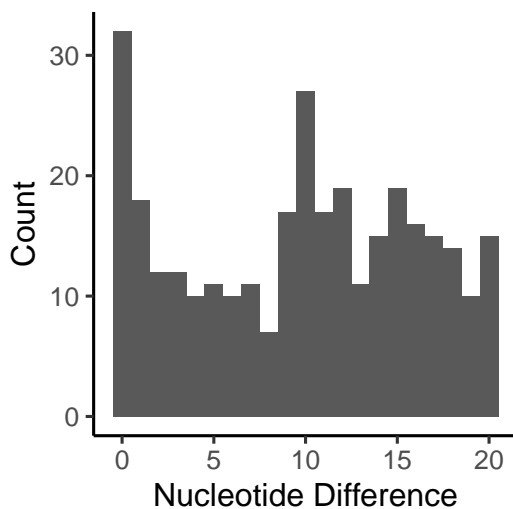
IGHV4-30-2*01

36 sequences assigned
7 (19.4%) exact matches, in which:
7 unique CDR3
3 unique J



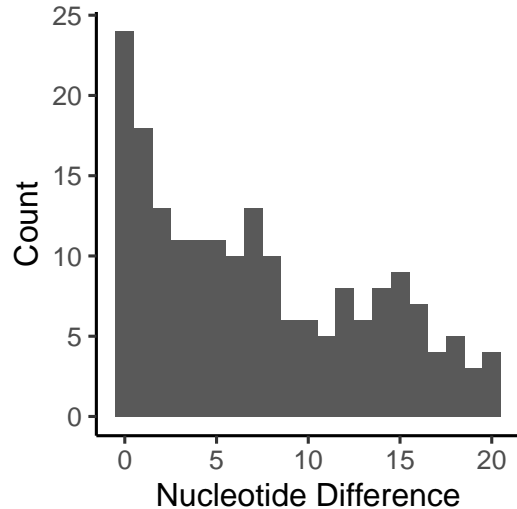
IGHV4-38-2*02_A70G

443 sequences assigned
32 (7.2%) exact matches, in which:
32 unique CDR3
6 unique J



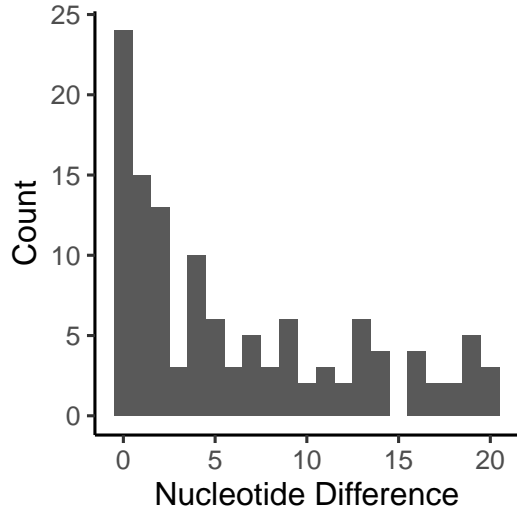
IGHV4-59*08

270 sequences assigned
24 (8.9%) exact matches, in which:
24 unique CDR3
5 unique J



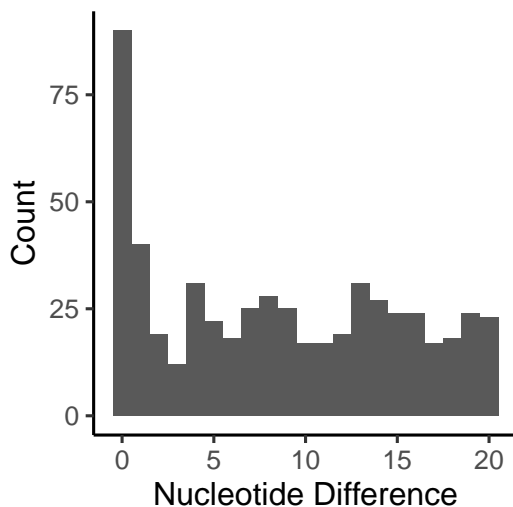
IGHV4-31*03

149 sequences assigned
24 (16.1%) exact matches, in which:
24 unique CDR3
5 unique J



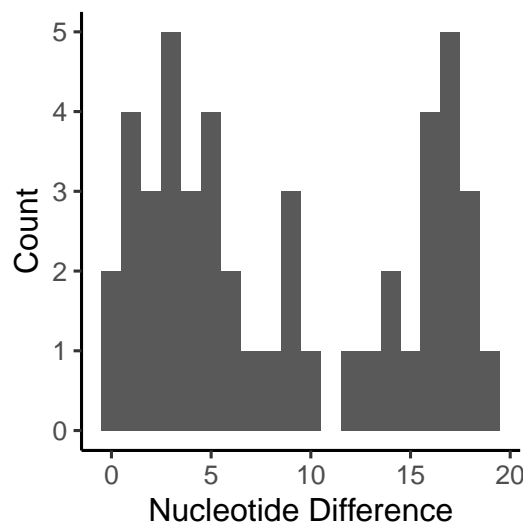
IGHV4-39*01

812 sequences assigned
90 (11.1%) exact matches, in which:
90 unique CDR3
6 unique J



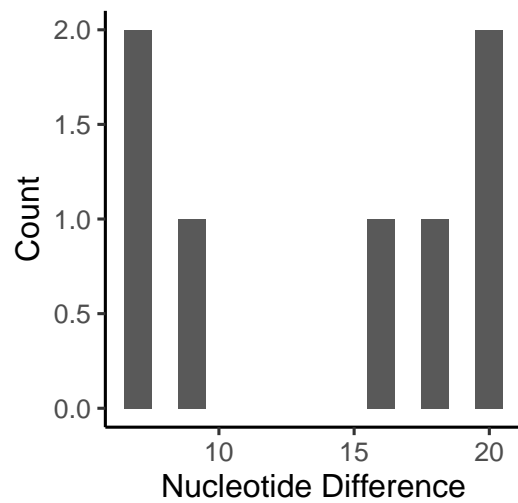
IGHV4-61*01

70 sequences assigned
2 (2.9%) exact matches, in which:
2 unique CDR3
1 unique J



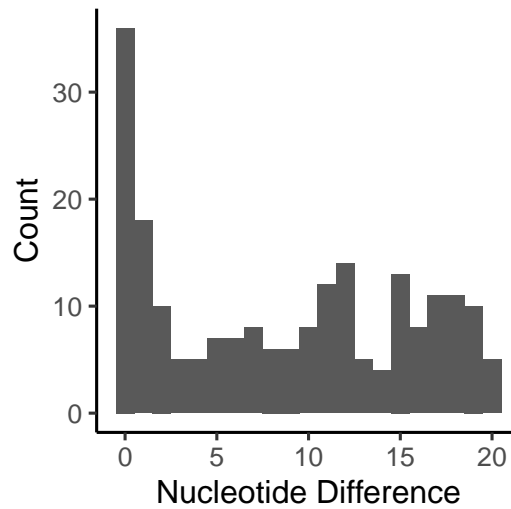
IGHV4-61*08

23 sequences assigned
No exact matches.



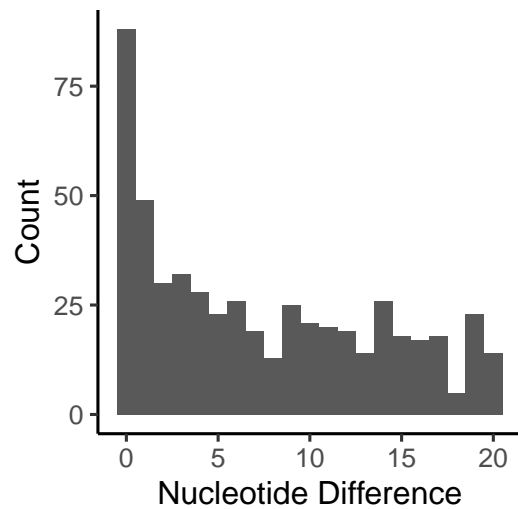
IGHV7-4-1*02

272 sequences assigned
36 (13.2%) exact matches, in which:
36 unique CDR3
6 unique J



IGHV5-51*01

648 sequences assigned
88 (13.6%) exact matches, in which:
87 unique CDR3
5 unique J



IGHV6-1*01

256 sequences assigned
15 (5.9%) exact matches, in which:
15 unique CDR3
5 unique J

