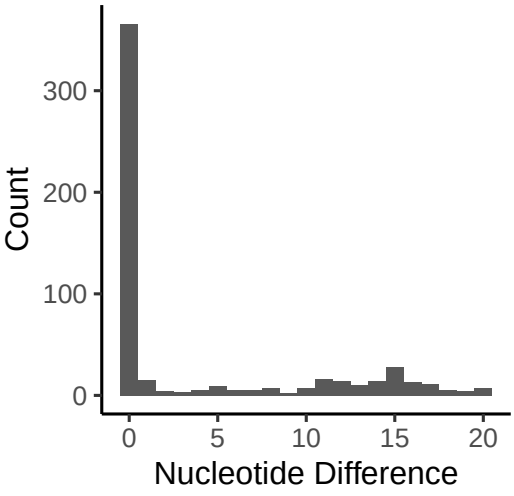
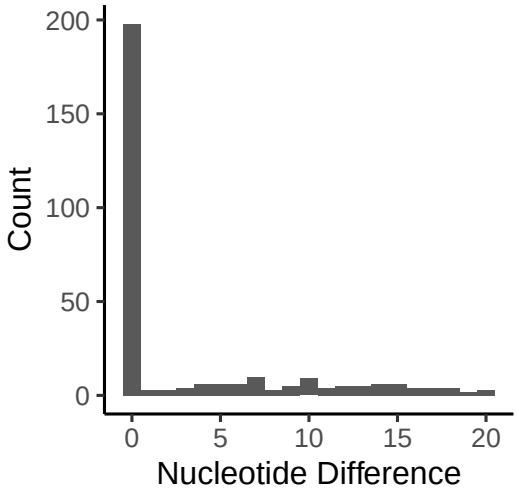
IGHV1−2*02

963 sequences assigned
366 (38%) exact matches, in which:
366 unique CDR3
7 unique J



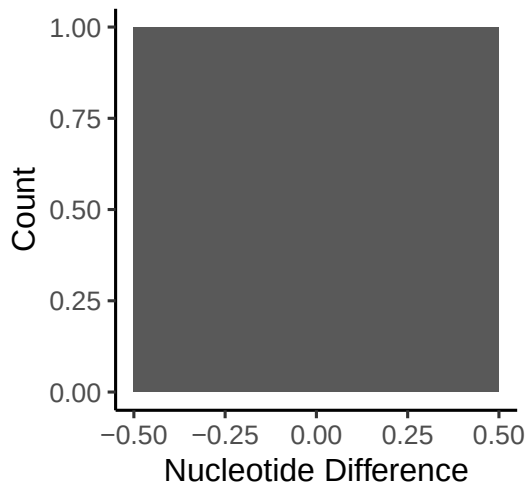
IGHV1−8*01

322 sequences assigned
198 (61.5%) exact matches, in which:
198 unique CDR3
7 unique J



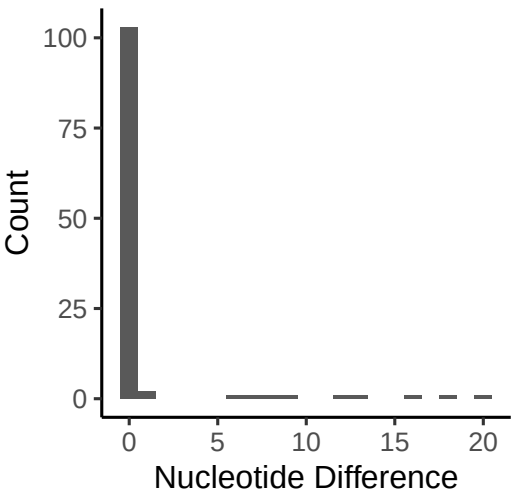
IGHV1−45*02

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



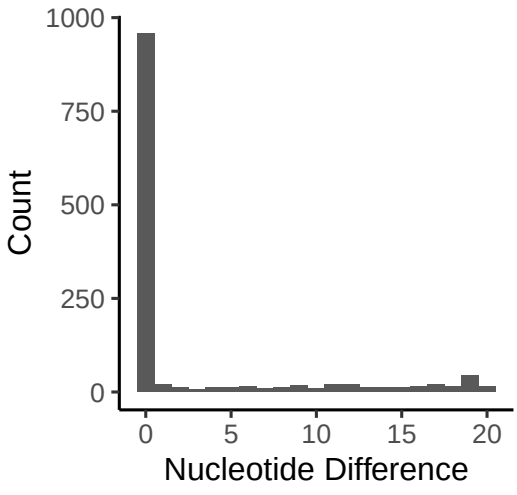
IGHV1−2*04

116 sequences assigned
103 (88.8%) exact matches, in which:
103 unique CDR3
6 unique J



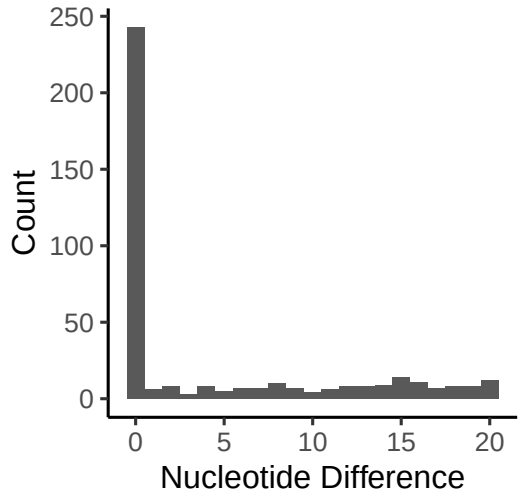
IGHV1−18*01

1469 sequences assigned
957 (65.1%) exact matches, in which:
956 unique CDR3
7 unique J



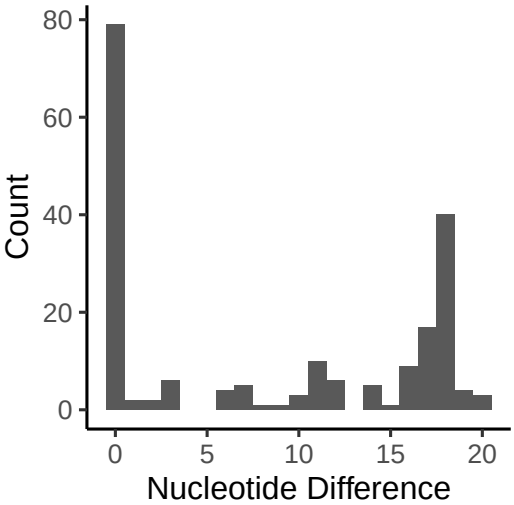
IGHV1−46*01

491 sequences assigned
243 (49.5%) exact matches, in which:
243 unique CDR3
7 unique J



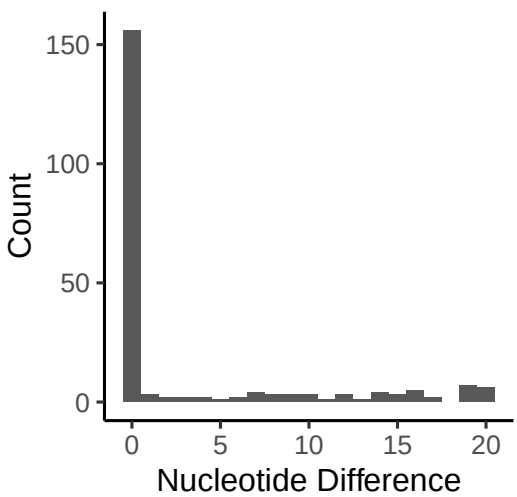
IGHV1−3*01_05

467 sequences assigned
79 (16.9%) exact matches, in which:
79 unique CDR3
6 unique J



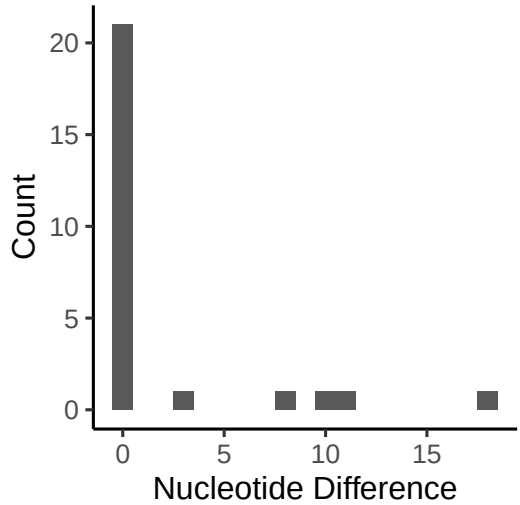
IGHV1−24*01

233 sequences assigned
156 (67%) exact matches, in which:
156 unique CDR3
7 unique J



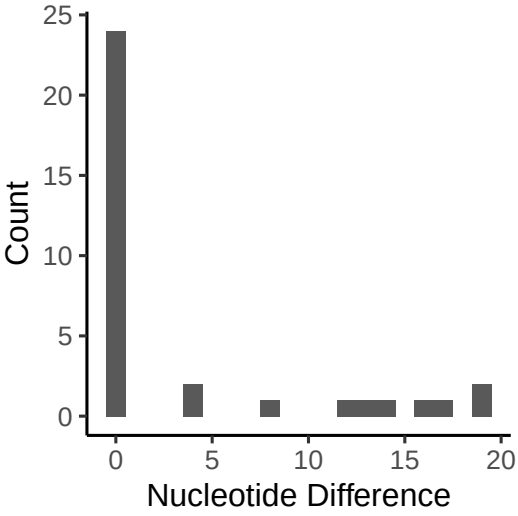
IGHV1−58*02

32 sequences assigned
21 (65.6%) exact matches, in which:
21 unique CDR3
4 unique J



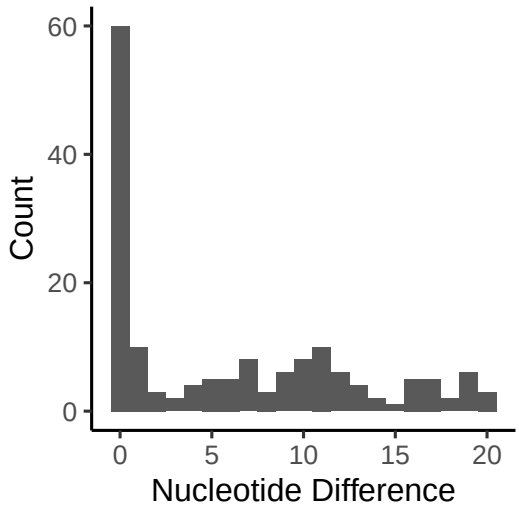
IGHV1−58*01_03

35 sequences assigned
24 (68.6%) exact matches, in which:
24 unique CDR3
4 unique J



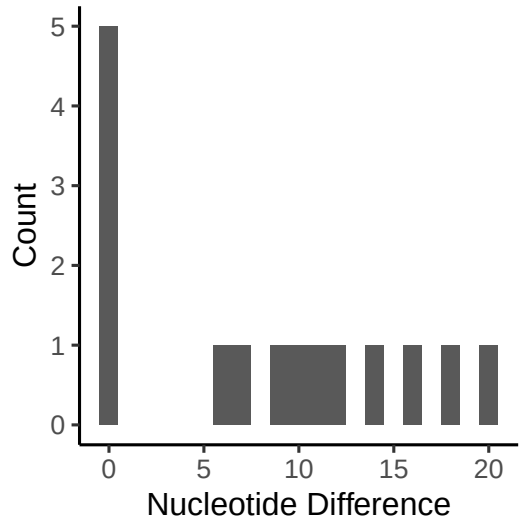
IGHV2−5*02

182 sequences assigned
60 (33%) exact matches, in which:
60 unique CDR3
6 unique J



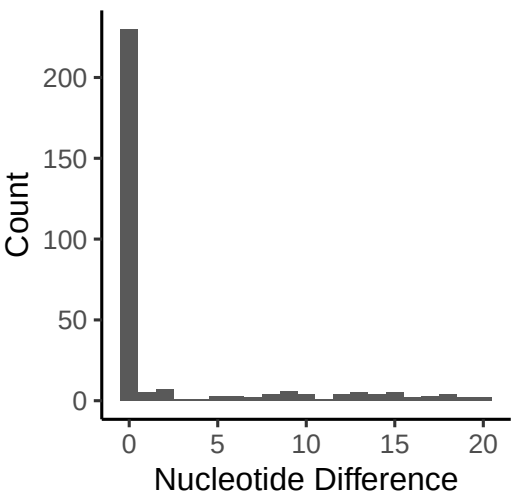
IGHV2−70*01

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



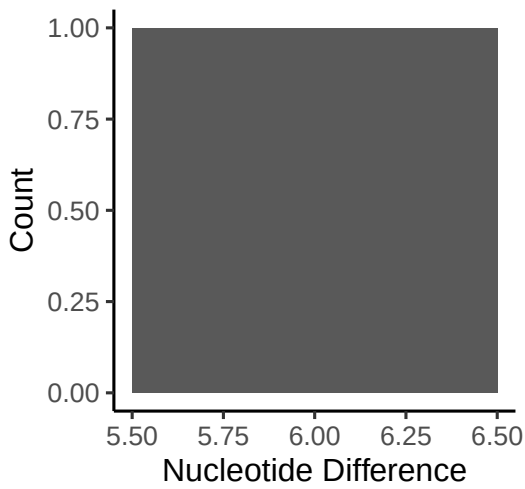
IGHV1−69*01_12_13

362 sequences assigned
230 (63.5%) exact matches, in which:
230 unique CDR3
6 unique J



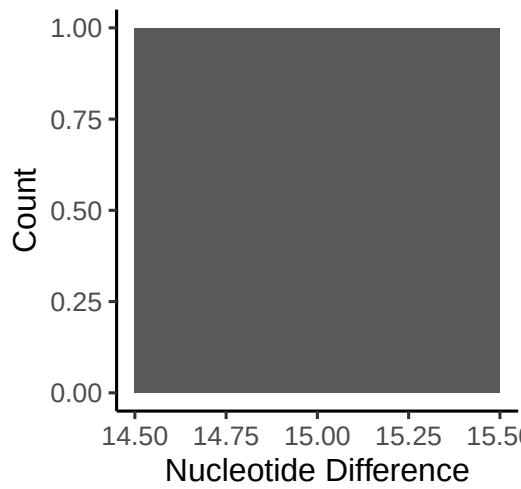
IGHV2−26*02

3 sequences assigned
No exact matches.



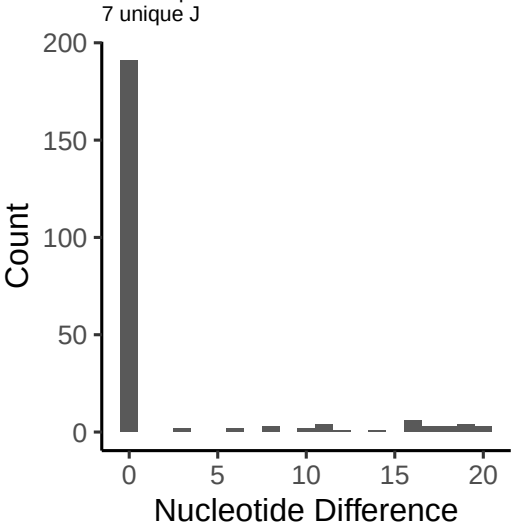
IGHV2−70*13

3 sequences assigned
No exact matches.



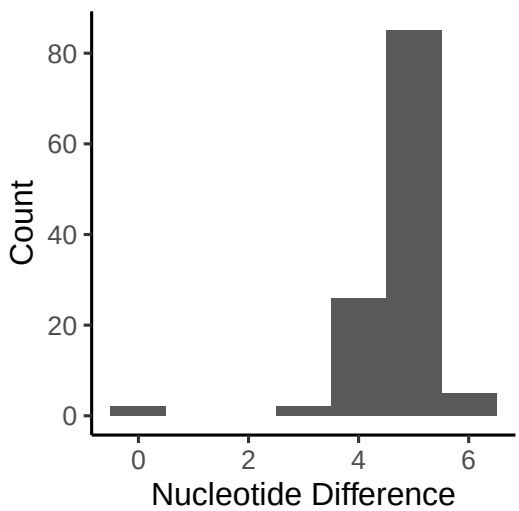
IGHV1−69*04_09

288 sequences assigned
191 (66.3%) exact matches, in which:
191 unique CDR3
7 unique J



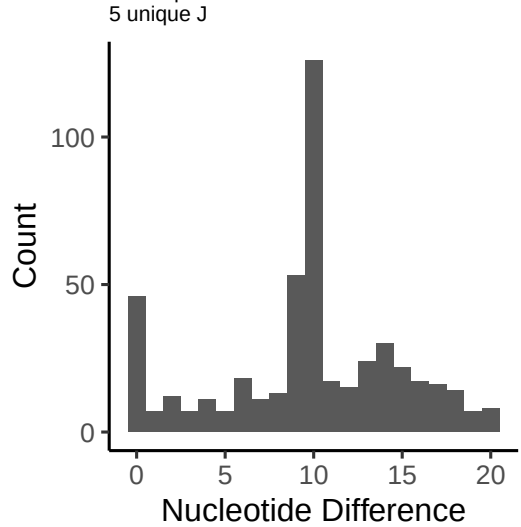
IGHV2−26*04

120 sequences assigned
2 (1.7%) exact matches, in which:
2 unique CDR3
2 unique J



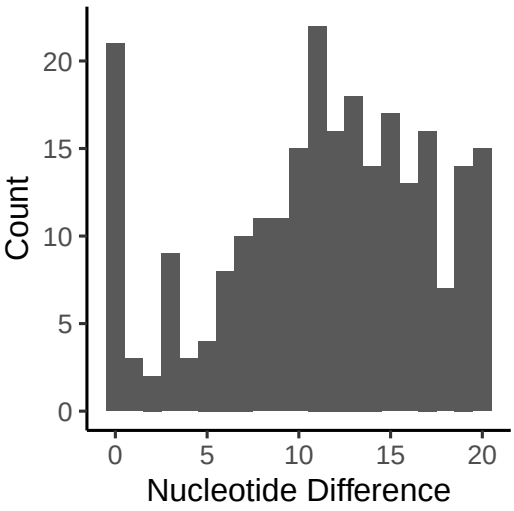
IGHV3−7*01

565 sequences assigned
46 (8.1%) exact matches, in which:
44 unique CDR3
5 unique J



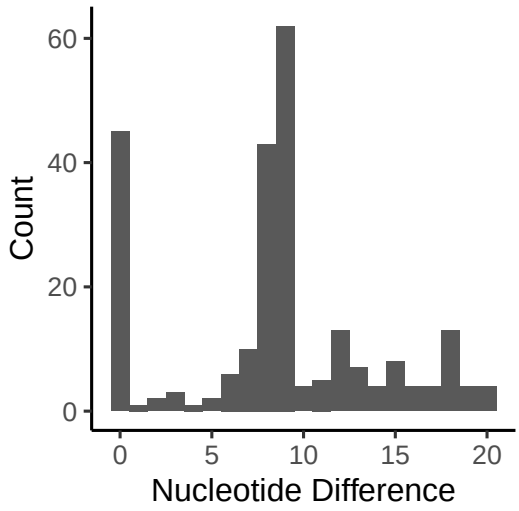
IGHV3−7*04

343 sequences assigned
21 (6.1%) exact matches, in which:
21 unique CDR3
5 unique J



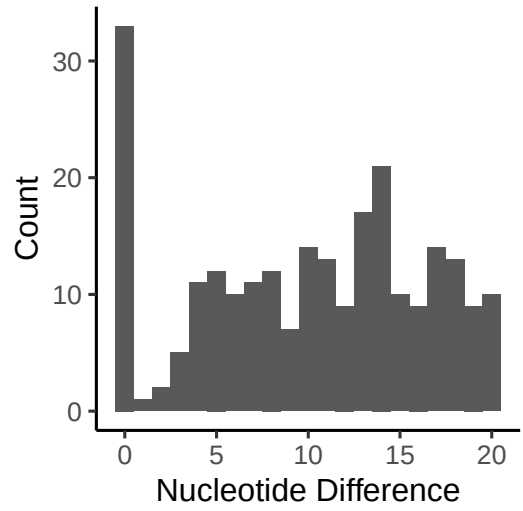
IGHV3−11*06_T300C

385 sequences assigned
45 (11.7%) exact matches, in which:
44 unique CDR3
5 unique J



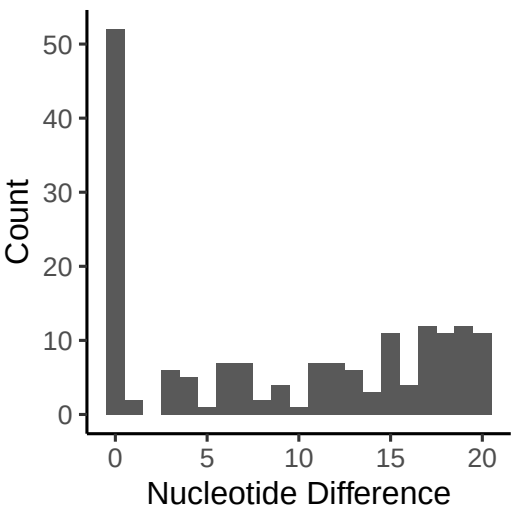
IGHV3−15*01_02

357 sequences assigned
33 (9.2%) exact matches, in which:
31 unique CDR3
5 unique J



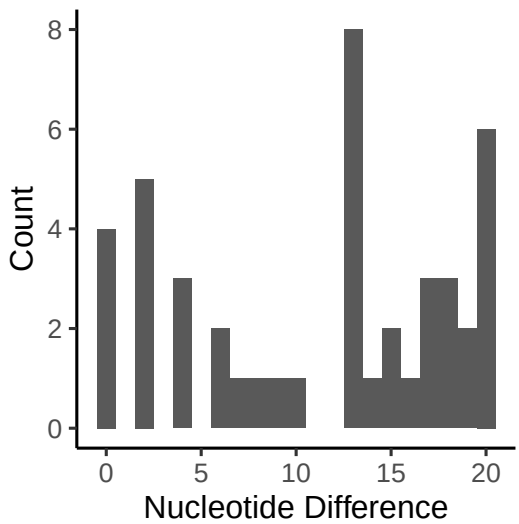
IGHV3−9*01

243 sequences assigned
52 (21.4%) exact matches, in which:
48 unique CDR3
5 unique J



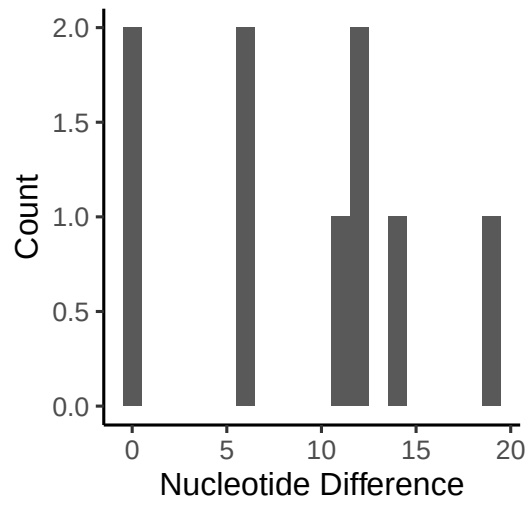
IGHV3−13*01

70 sequences assigned
4 (5.7%) exact matches, in which:
4 unique CDR3
3 unique J



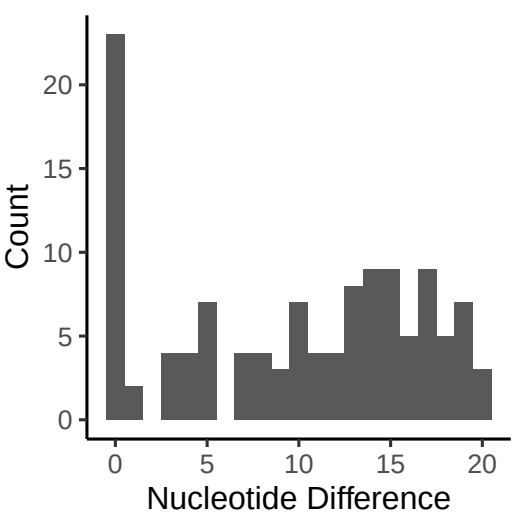
IGHV3−20*01_02

13 sequences assigned
2 (15.4%) exact matches, in which:
2 unique CDR3
1 unique J



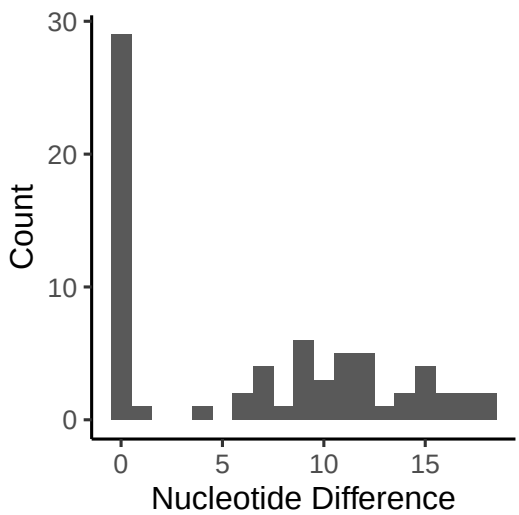
IGHV3−11*01

233 sequences assigned
23 (9.9%) exact matches, in which:
21 unique CDR3
5 unique J



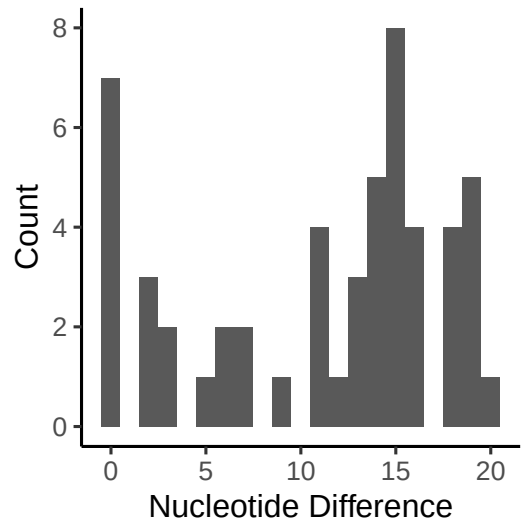
IGHV3−13*04

186 sequences assigned
29 (15.6%) exact matches, in which:
28 unique CDR3
5 unique J



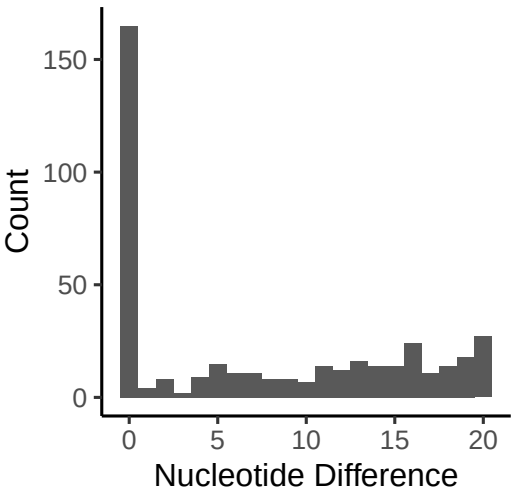
IGHV3−20*03_04

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



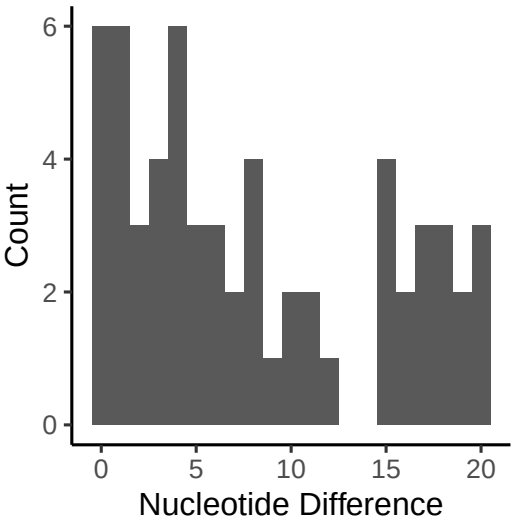
IGHV3−21*01_02

604 sequences assigned
165 (27.3%) exact matches, in which:
160 unique CDR3
6 unique J



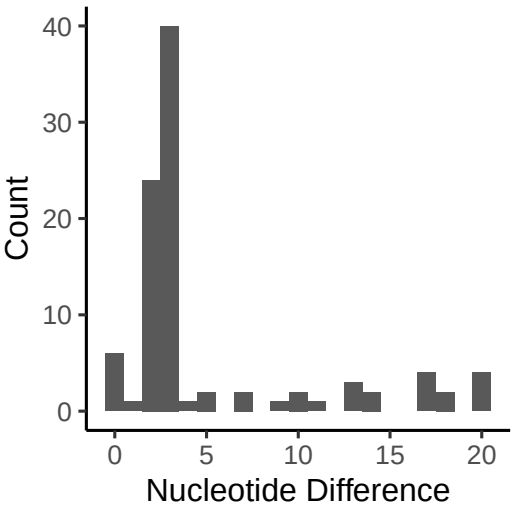
IGHV3−30*03

99 sequences assigned
6 (6.1%) exact matches, in which:
6 unique CDR3
1 unique J



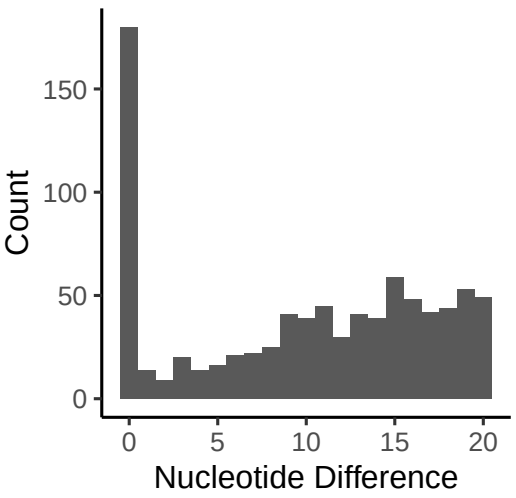
IGHV3−43*01

107 sequences assigned
6 (5.6%) exact matches, in which:
6 unique CDR3
4 unique J



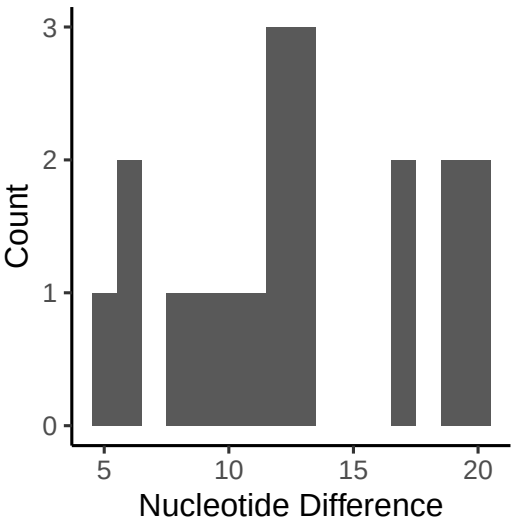
IGHV3−23*01_04

1458 sequences assigned
180 (12.3%) exact matches, in which:
170 unique CDR3
7 unique J



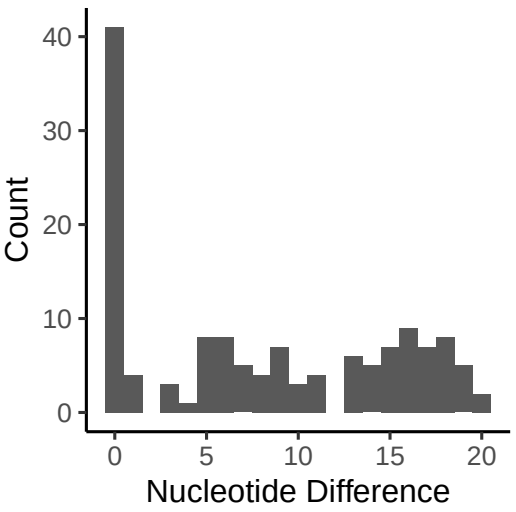
IGHV3−30*04

50 sequences assigned
No exact matches.



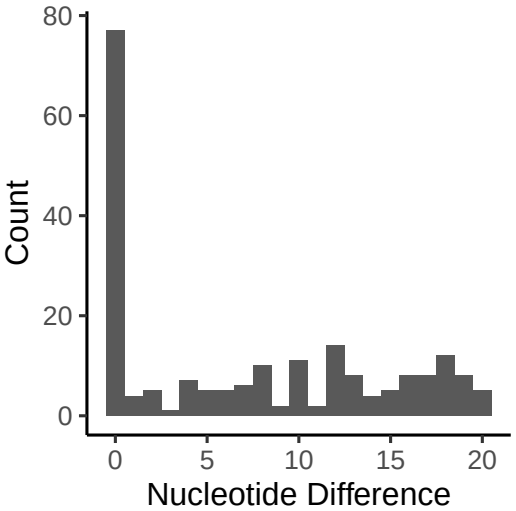
IGHV3−48*02

189 sequences assigned
41 (21.7%) exact matches, in which:
36 unique CDR3
4 unique J



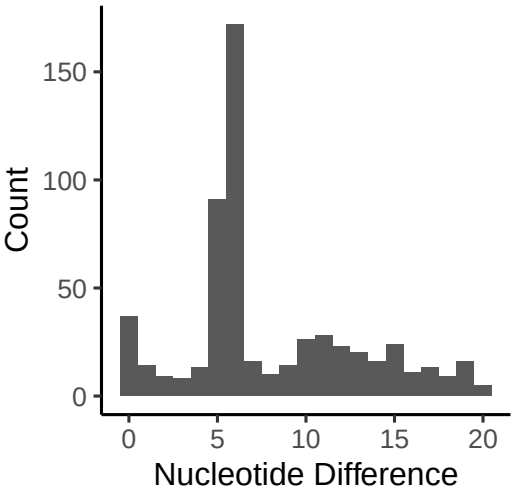
IGHV3−30−3*01

345 sequences assigned
77 (22.3%) exact matches, in which:
77 unique CDR3
5 unique J



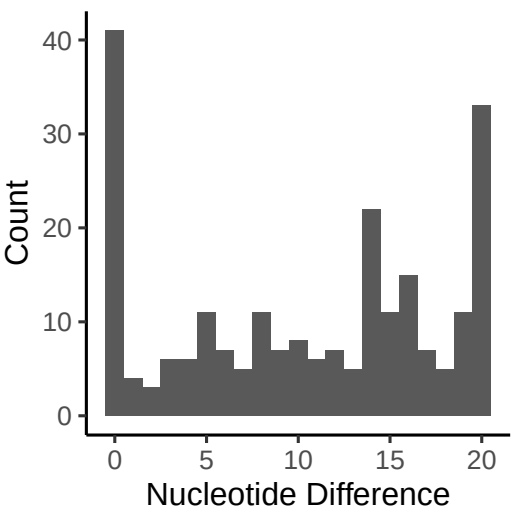
IGHV3−33*01

658 sequences assigned
37 (5.6%) exact matches, in which:
33 unique CDR3
5 unique J



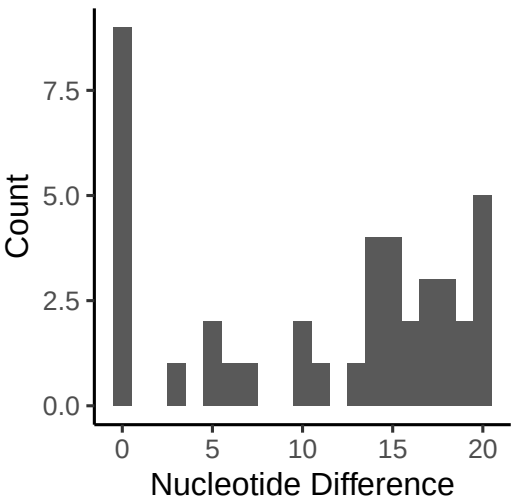
IGHV3−48*04

630 sequences assigned
41 (6.5%) exact matches, in which:
38 unique CDR3
5 unique J



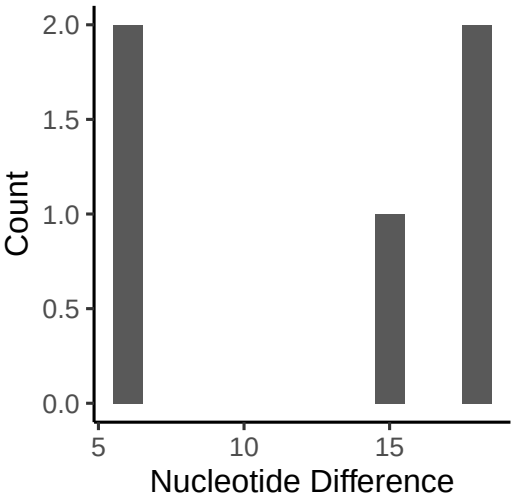
IGHV3−49*03_05

72 sequences assigned
9 (12.5%) exact matches, in which:
9 unique CDR3
1 unique J



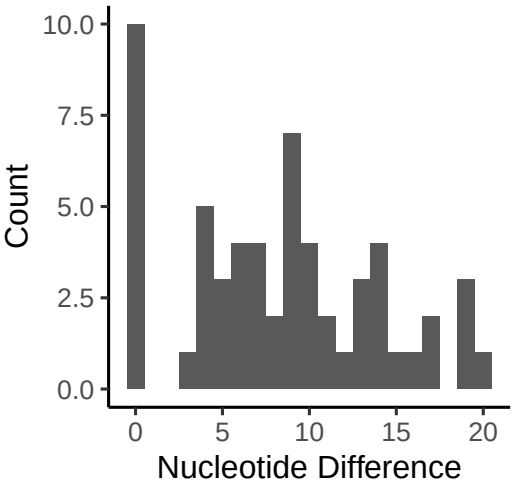
IGHV3−64*02_07

12 sequences assigned
No exact matches.



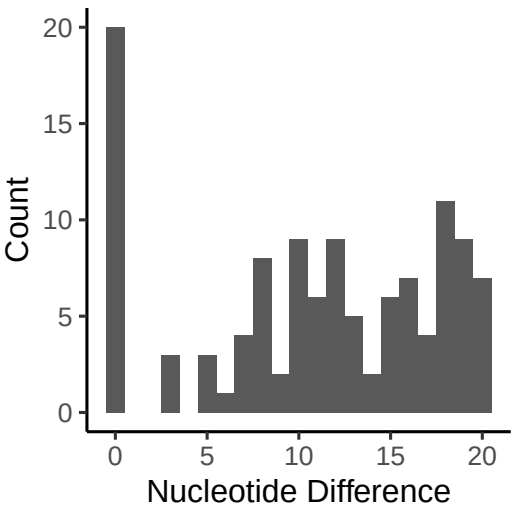
IGHV3−73*01_02

73 sequences assigned
10 (13.7%) exact matches, in which:
10 unique CDR3
4 unique J



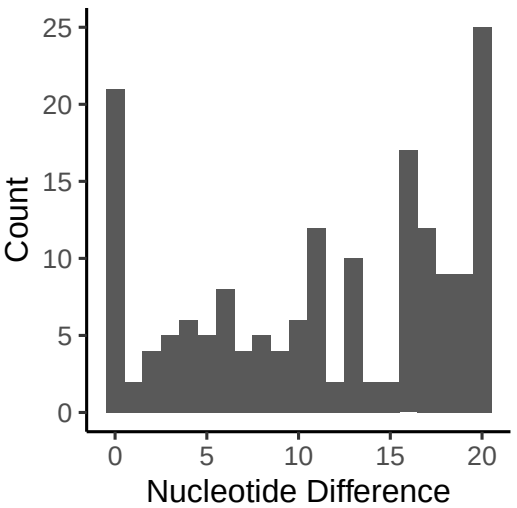
IGHV3−53*01_02

176 sequences assigned
20 (11.4%) exact matches, in which:
20 unique CDR3
3 unique J



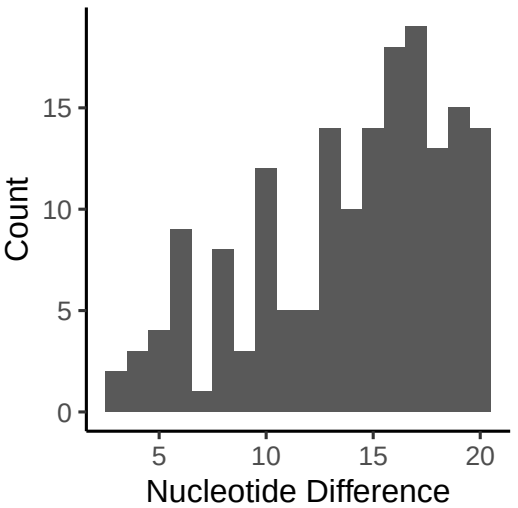
IGHV3−66*01

304 sequences assigned
21 (6.9%) exact matches, in which:
19 unique CDR3
4 unique J



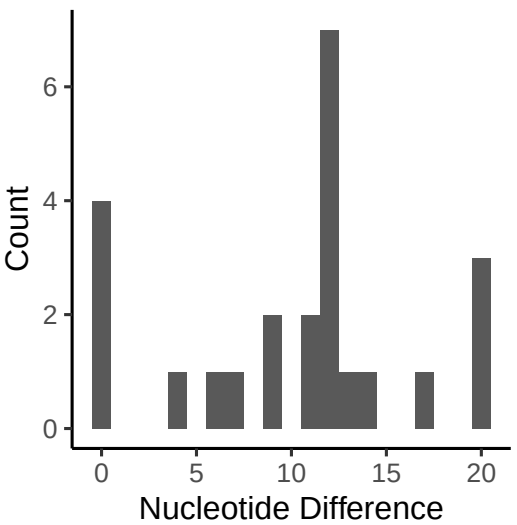
IGHV3−74*03

270 sequences assigned
No exact matches.



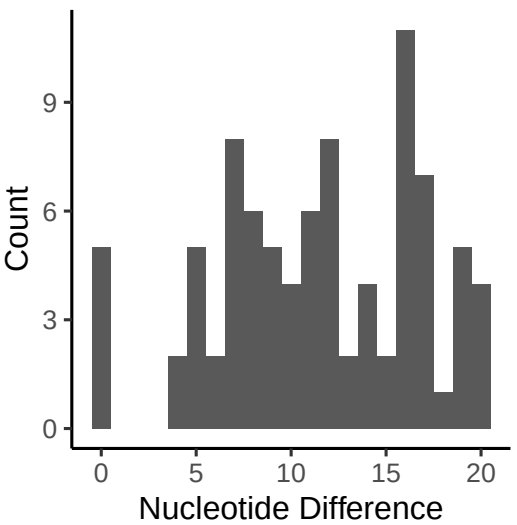
IGHV3−64*01

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



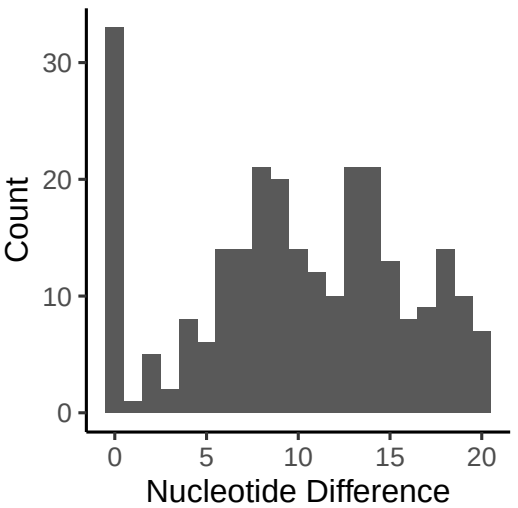
IGHV3−72*01

114 sequences assigned
5 (4.4%) exact matches, in which:
3 unique CDR3
1 unique J



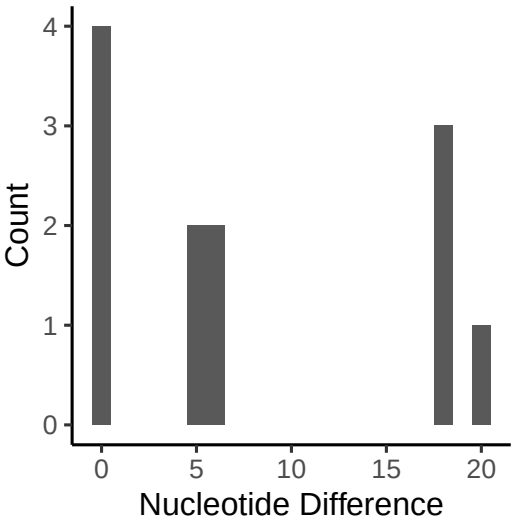
IGHV3−74*01_02

345 sequences assigned
33 (9.6%) exact matches, in which:
32 unique CDR3
4 unique J



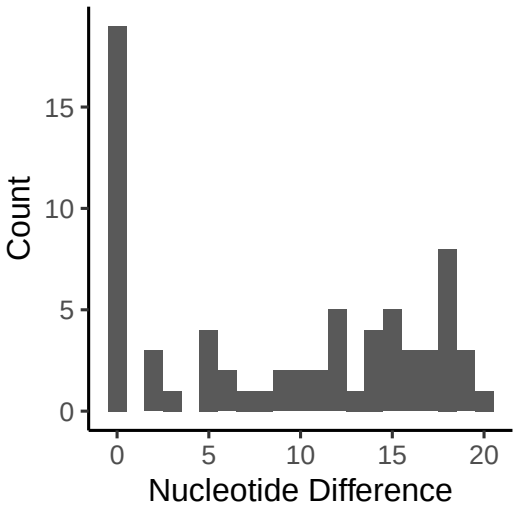
IGHV3−43D*03

23 sequences assigned
4 (17.4%) exact matches, in which:
4 unique CDR3
2 unique J



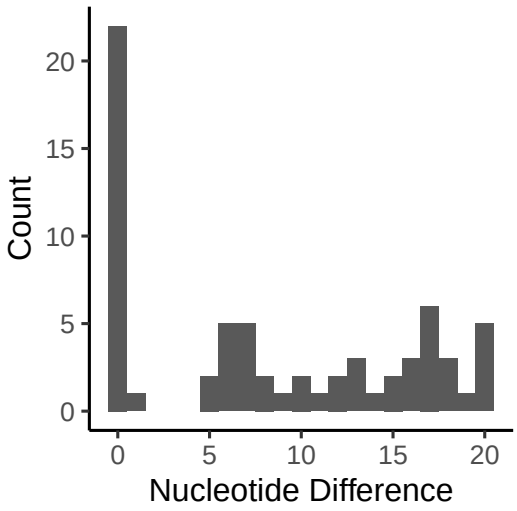
IGHV4−4*02_03

129 sequences assigned
19 (14.7%) exact matches, in which:
19 unique CDR3
4 unique J



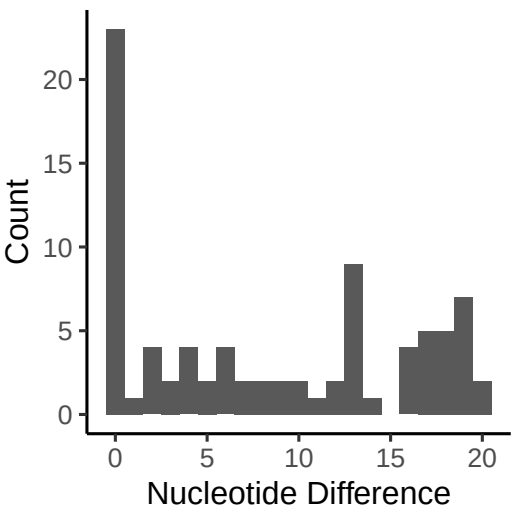
IGHV4−30−4*01

106 sequences assigned
22 (20.8%) exact matches, in which:
22 unique CDR3
6 unique J



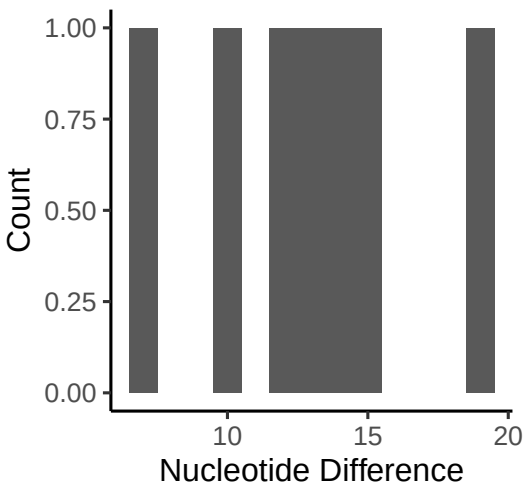
IGHV3−64D*06

137 sequences assigned
23 (16.8%) exact matches, in which:
22 unique CDR3
3 unique J



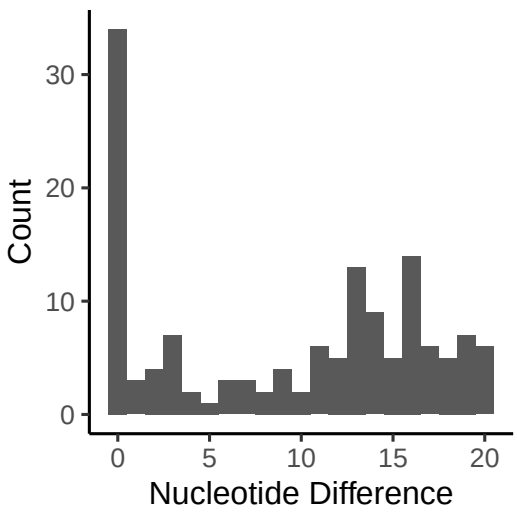
IGHV4−28*01_07

9 sequences assigned
No exact matches.



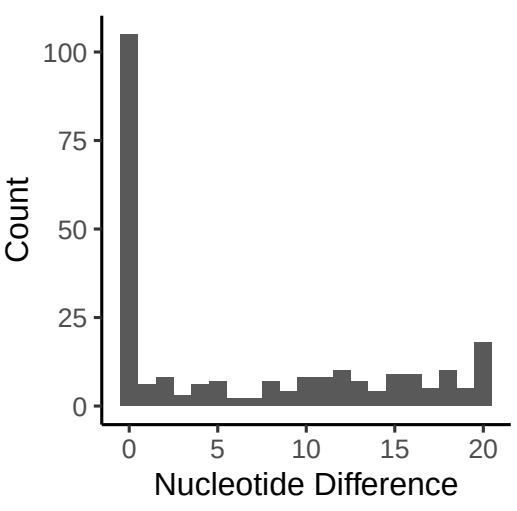
IGHV4−31*02

294 sequences assigned
34 (11.6%) exact matches, in which:
34 unique CDR3
7 unique J



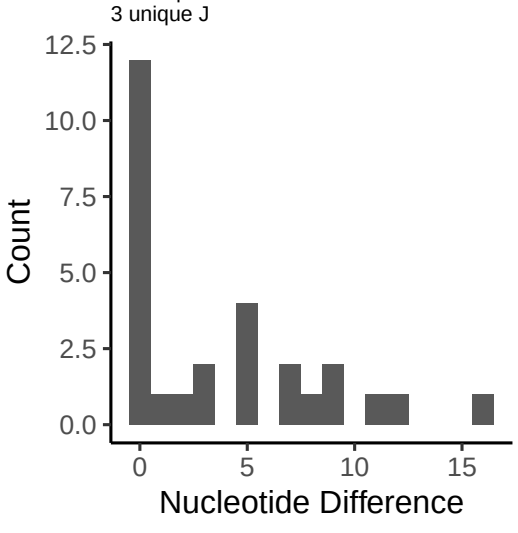
IGHV4−4*07

340 sequences assigned
105 (30.9%) exact matches, in which:
105 unique CDR3
7 unique J



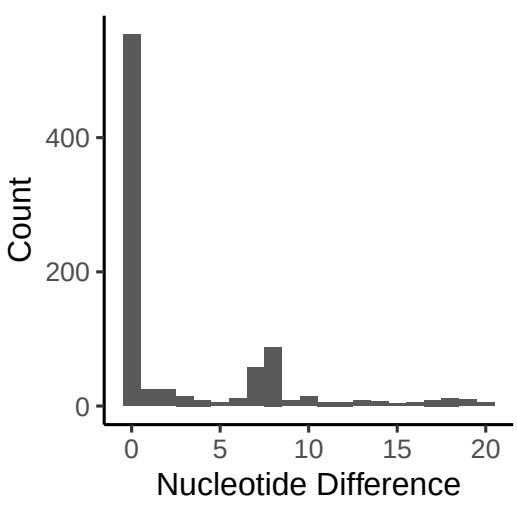
IGHV4−30−2*01

36 sequences assigned
12 (33.3%) exact matches, in which:
12 unique CDR3
3 unique J



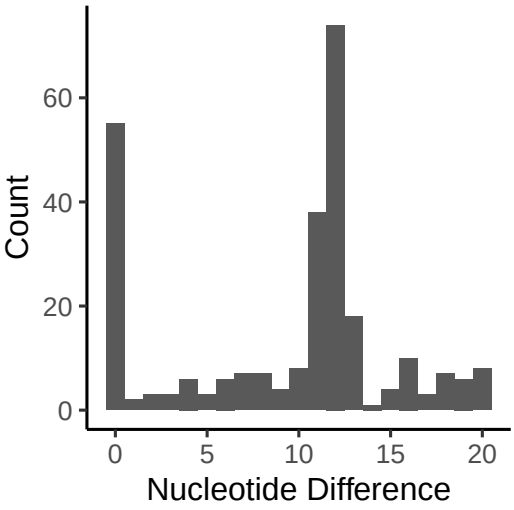
IGHV4−34*01_02

1058 sequences assigned
554 (52.4%) exact matches, in which:
554 unique CDR3
7 unique J



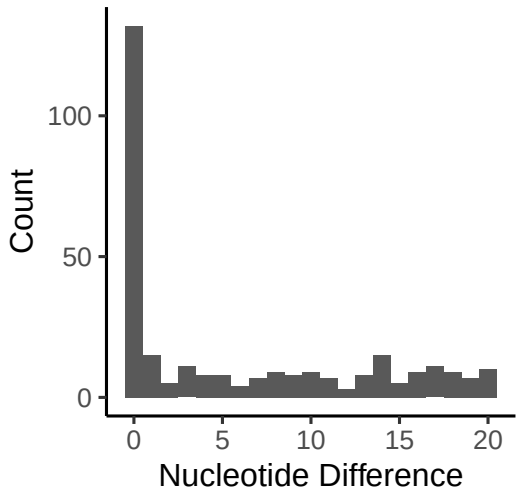
IGHV4−38−2*02

342 sequences assigned
55 (16.1%) exact matches, in which:
55 unique CDR3
6 unique J



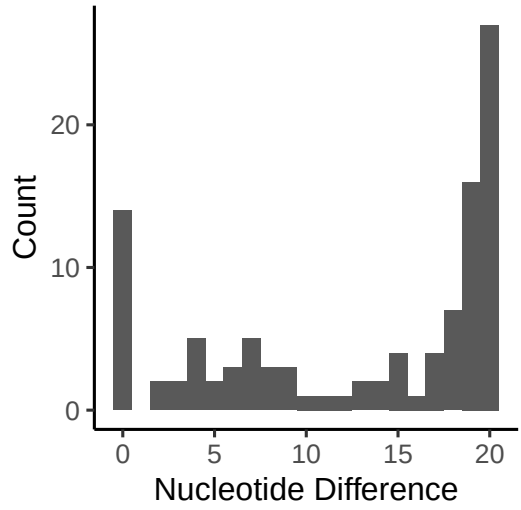
IGHV4−59*08

411 sequences assigned
132 (32.1%) exact matches, in which:
132 unique CDR3
5 unique J



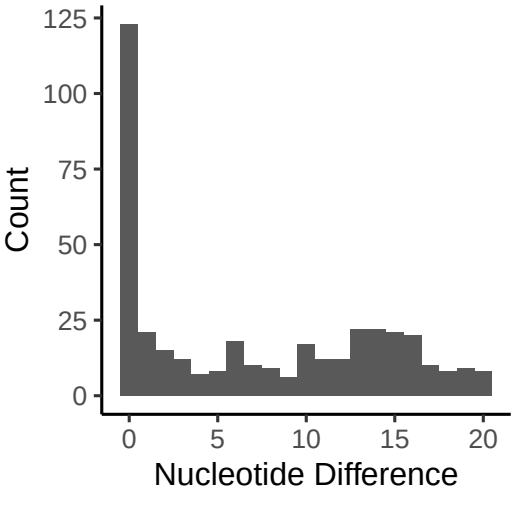
IGHV4−61*01

160 sequences assigned
14 (8.8%) exact matches, in which:
14 unique CDR3
5 unique J



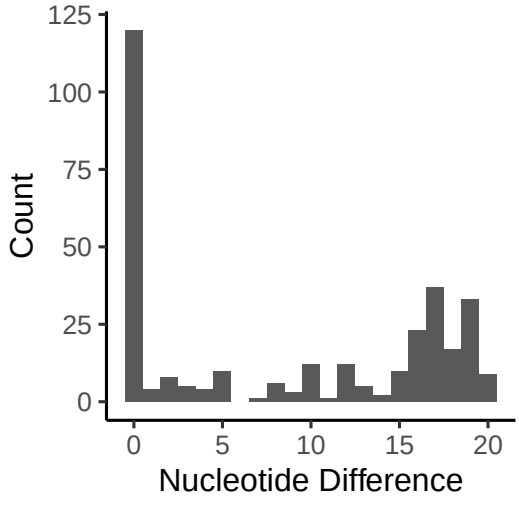
IGHV4−39*07

516 sequences assigned
123 (23.8%) exact matches, in which:
123 unique CDR3
7 unique J



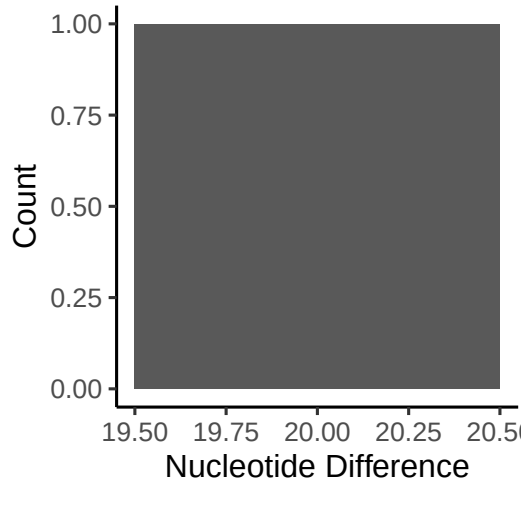
IGHV4−59*13

429 sequences assigned
120 (28%) exact matches, in which:
120 unique CDR3
7 unique J



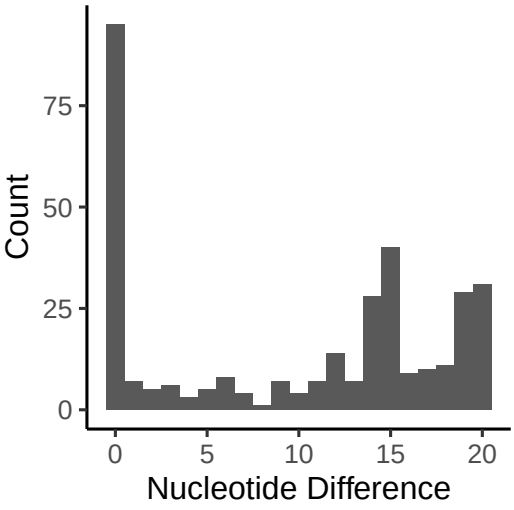
IGHV4/OR15−8*01

2 sequences assigned
No exact matches.



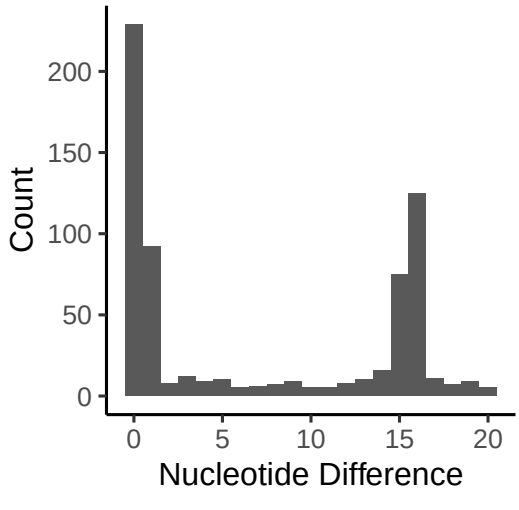
IGHV4−39*02_C258G

518 sequences assigned
95 (18.3%) exact matches, in which:
95 unique CDR3
6 unique J



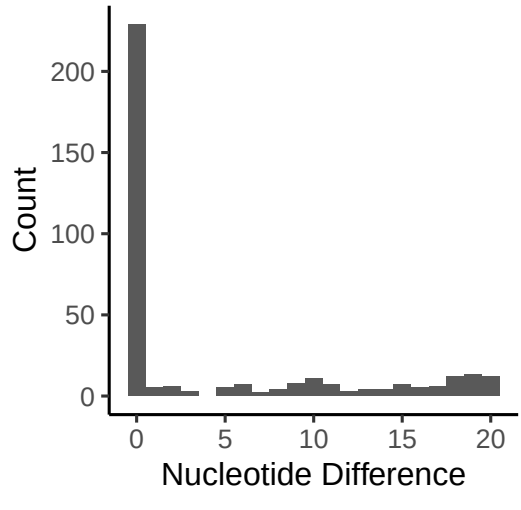
IGHV4−59*02_G88A

749 sequences assigned
229 (30.6%) exact matches, in which:
211 unique CDR3
7 unique J



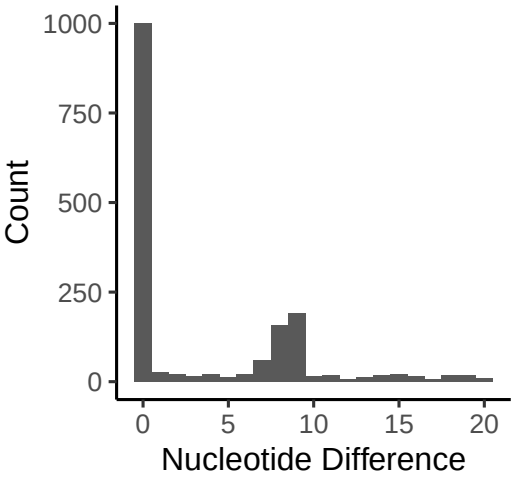
IGHV5−10−1*01_03

404 sequences assigned
229 (56.7%) exact matches, in which:
229 unique CDR3
7 unique J



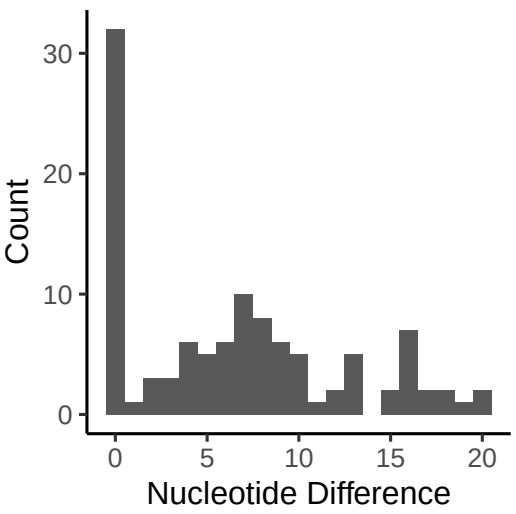
IGHV5−51*07_A128G

1757 sequences assigned
1000 (56.9%) exact matches, in which:
1000 unique CDR3
7 unique J



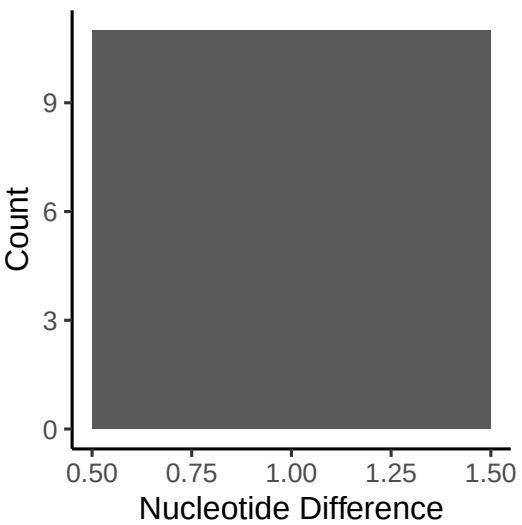
IGHV6−1*01_02

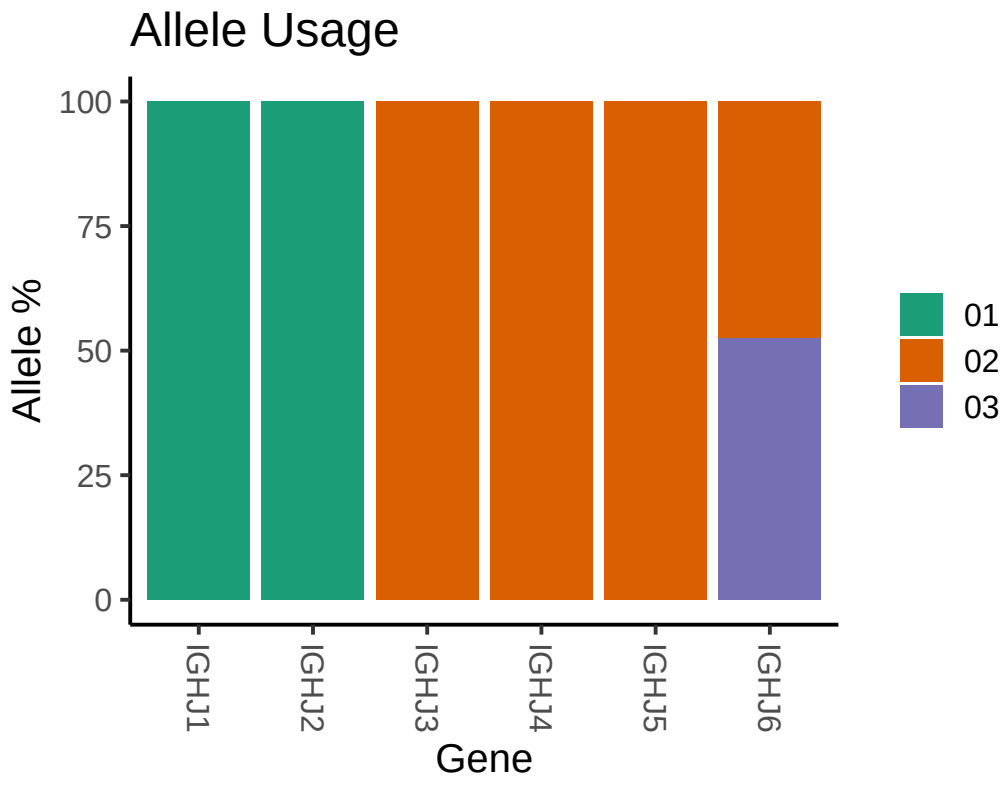
118 sequences assigned
32 (27.1%) exact matches, in which:
32 unique CDR3
6 unique J



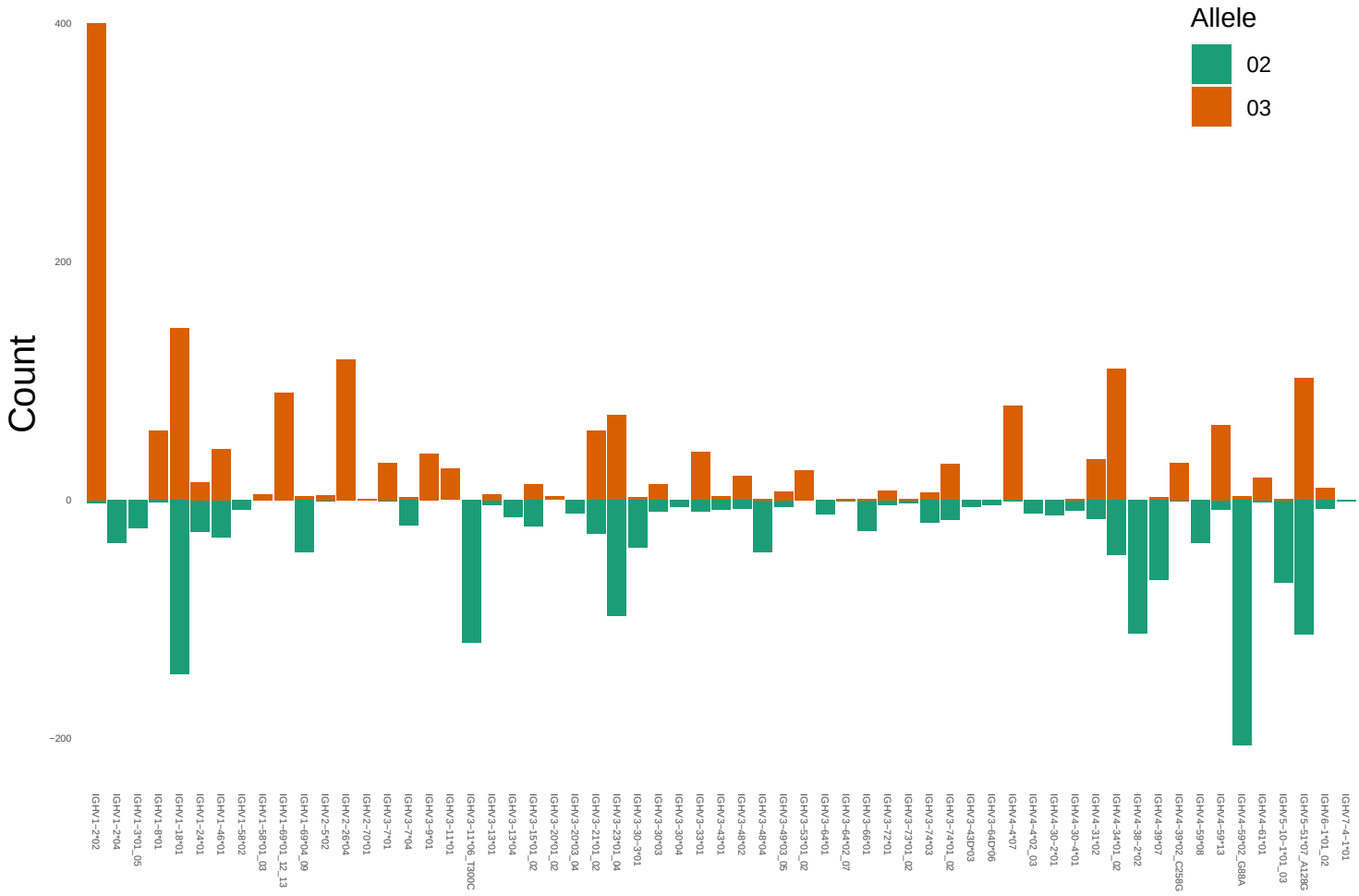
IGHV7−4−1*01

12 sequences assigned
No exact matches.




Allele Usage
100
75
50
25
0
Allele %
IGHJ1
IGHJ2
IGHJ3
IGHJ4
IGHJ5
IGHJ6
Gene
01
02
03

Sequence Count by IGHJ6 allele usage



Warning − no inferred sequences found.