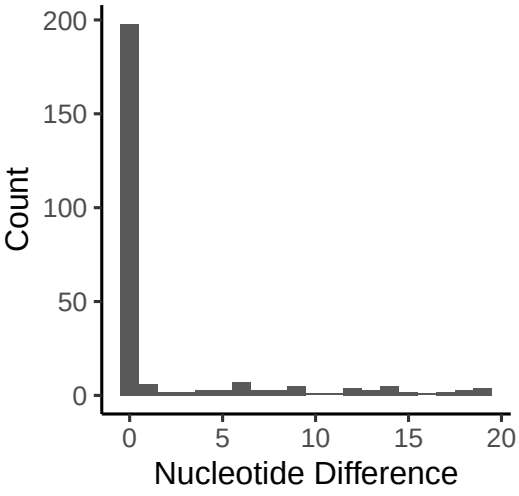
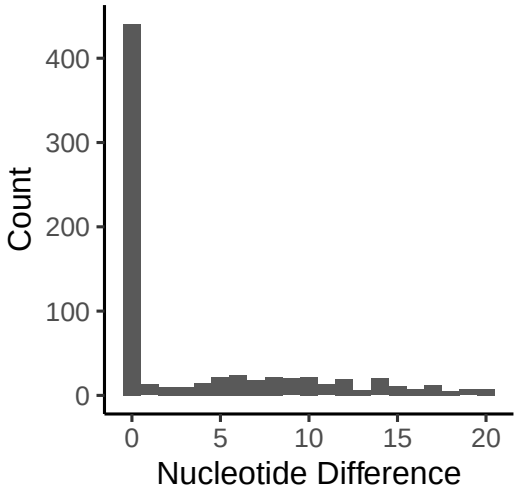
IGHV1−2*04

268 sequences assigned
198 (73.9%) exact matches, in which:
198 unique CDR3
7 unique J



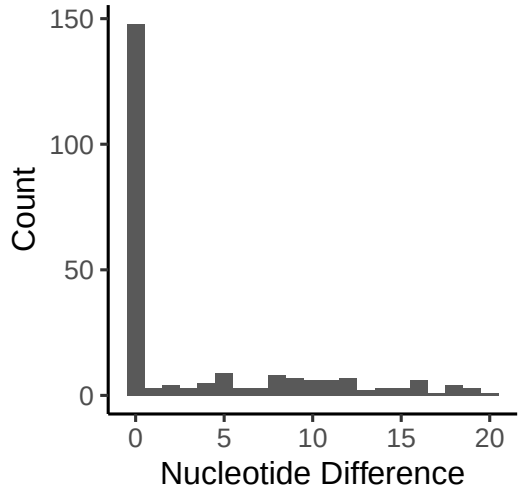
IGHV1−18*04

760 sequences assigned
441 (58%) exact matches, in which:
441 unique CDR3
7 unique J



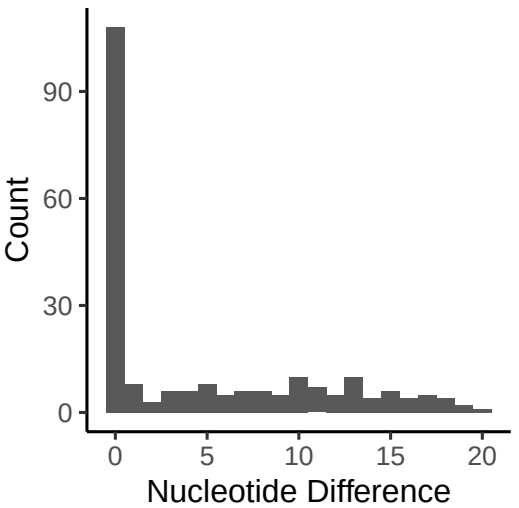
IGHV1−46*01

253 sequences assigned
148 (58.5%) exact matches, in which:
148 unique CDR3
5 unique J



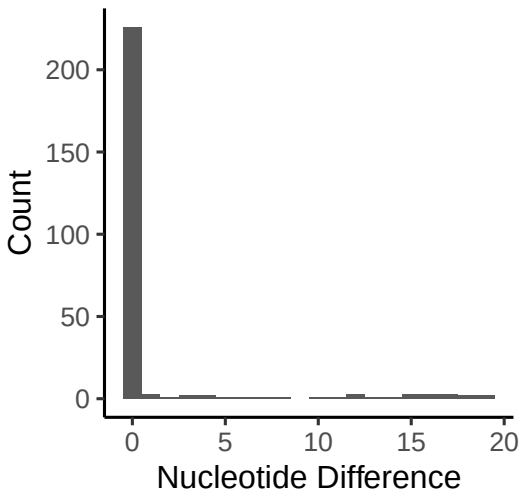
IGHV1−3*01_05

242 sequences assigned
108 (44.6%) exact matches, in which:
108 unique CDR3
6 unique J



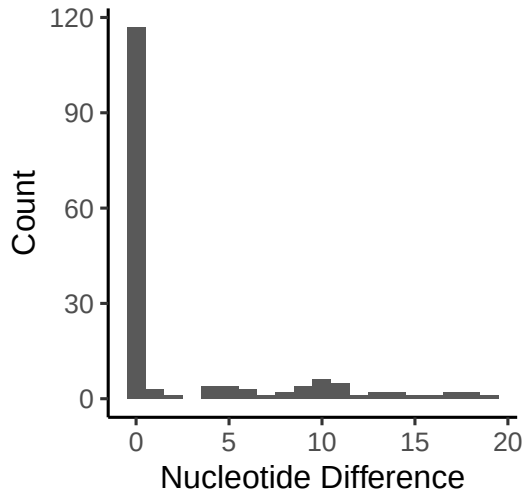
IGHV1−24*01

267 sequences assigned
226 (84.6%) exact matches, in which:
226 unique CDR3
7 unique J



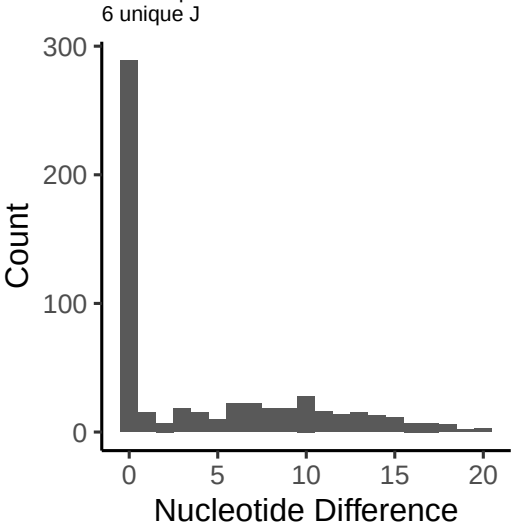
IGHV1−46*04

171 sequences assigned
117 (68.4%) exact matches, in which:
117 unique CDR3
4 unique J



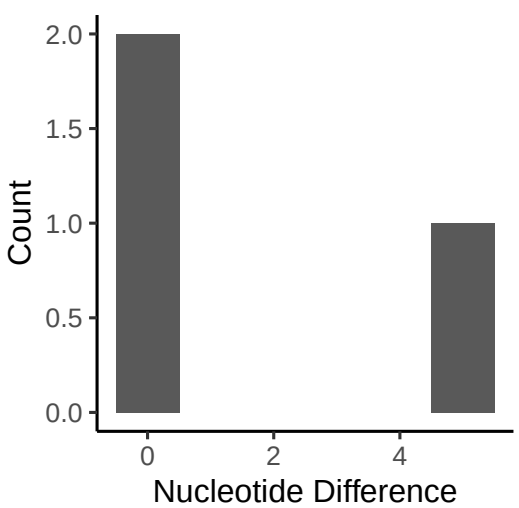
IGHV1−18*01

615 sequences assigned
289 (47%) exact matches, in which:
288 unique CDR3
6 unique J



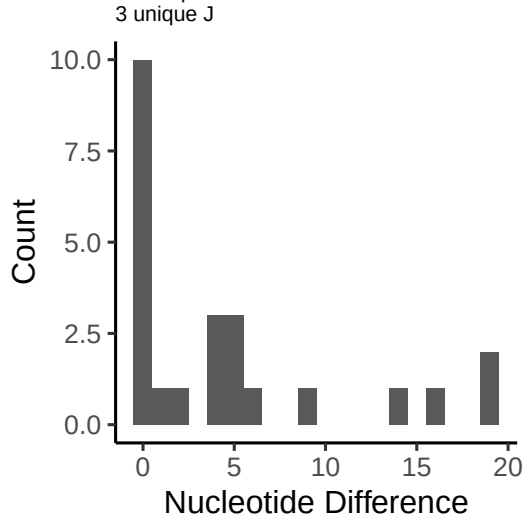
IGHV1−45*02

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



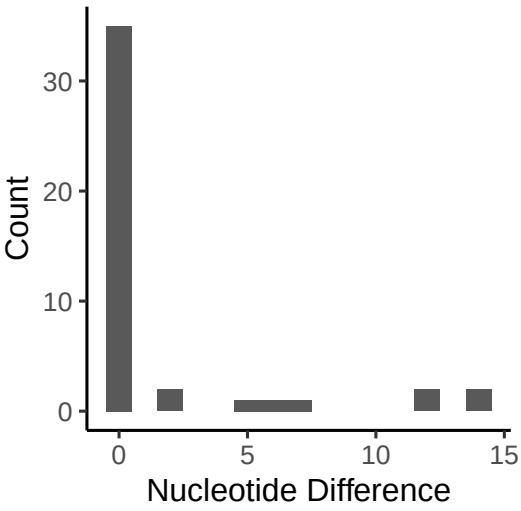
IGHV1−58*02

36 sequences assigned
10 (27.8%) exact matches, in which:
10 unique CDR3
3 unique J



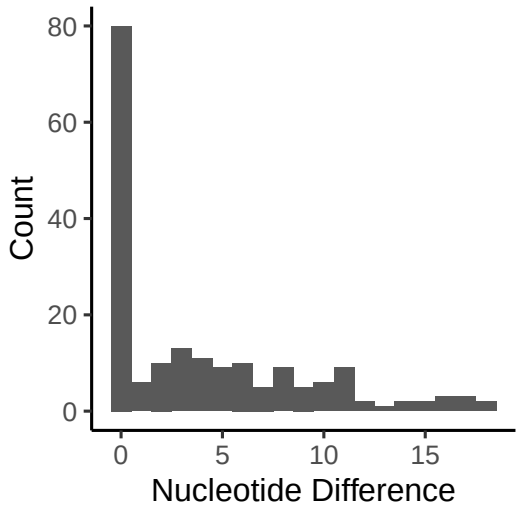
IGHV1−58*01_03

78 sequences assigned
35 (44.9%) exact matches, in which:
35 unique CDR3
5 unique J



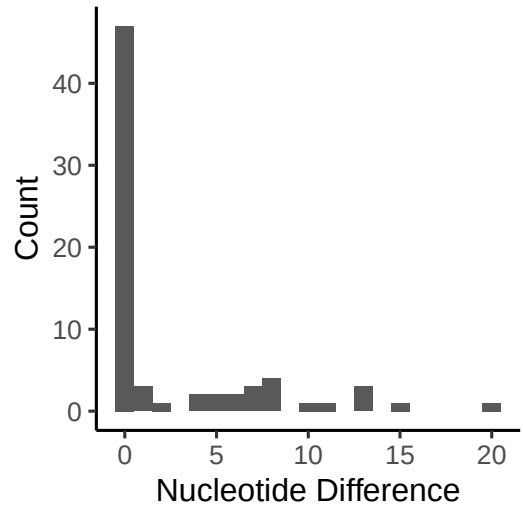
IGHV2−5*02

205 sequences assigned
80 (39%) exact matches, in which:
80 unique CDR3
7 unique J



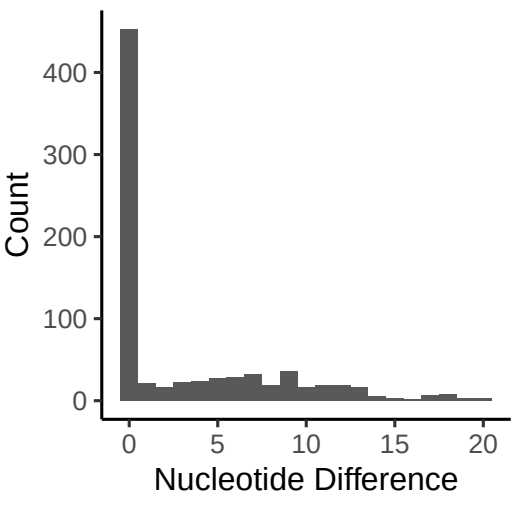
IGHV2−70*01

74 sequences assigned
47 (63.5%) exact matches, in which:
47 unique CDR3
5 unique J



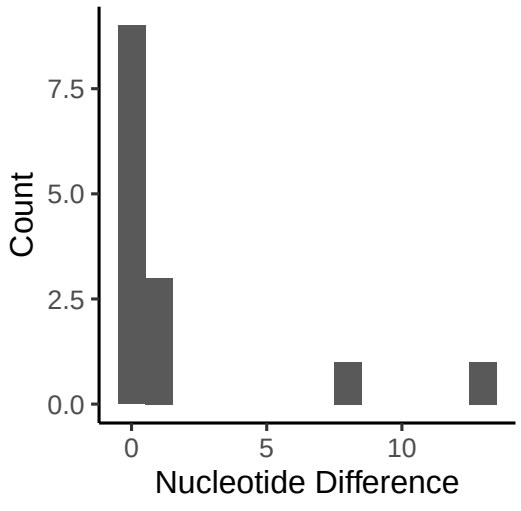
IGHV1−69*01_12_13

801 sequences assigned
453 (56.6%) exact matches, in which:
453 unique CDR3
7 unique J



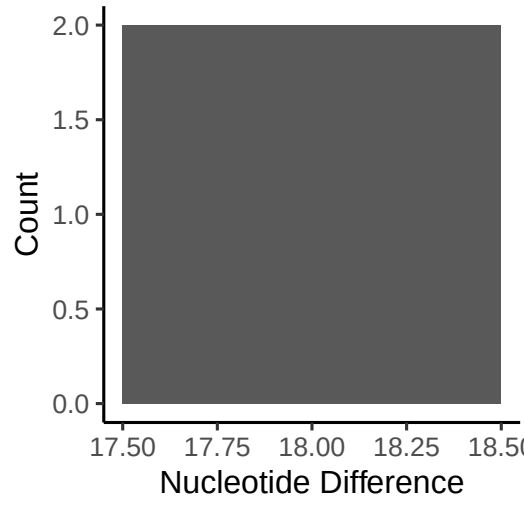
IGHV2−26*01

16 sequences assigned
9 (56.2%) exact matches, in which:
9 unique CDR3
4 unique J



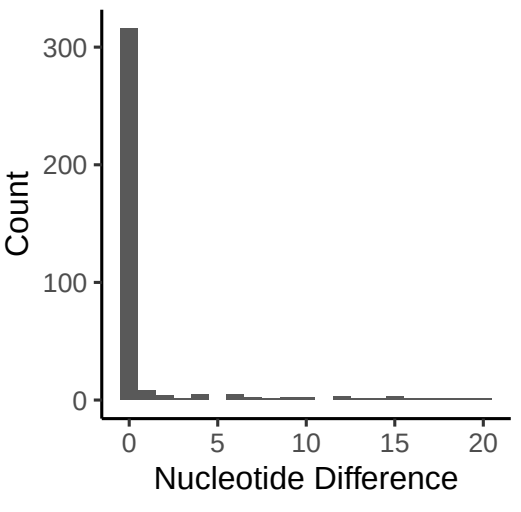
IGHV2−70D*04

2 sequences assigned
No exact matches.



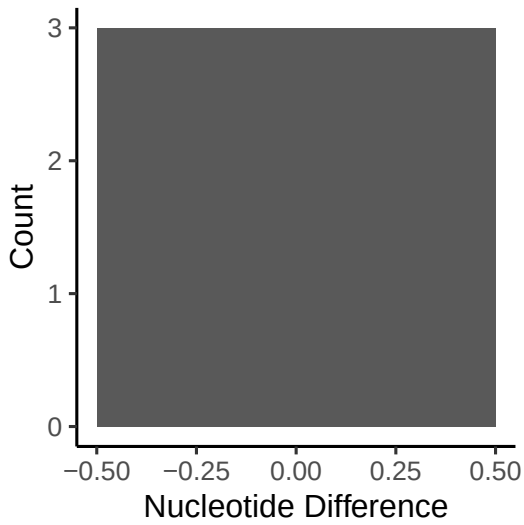
IGHV1−69*10

387 sequences assigned
316 (81.7%) exact matches, in which:
316 unique CDR3
7 unique J



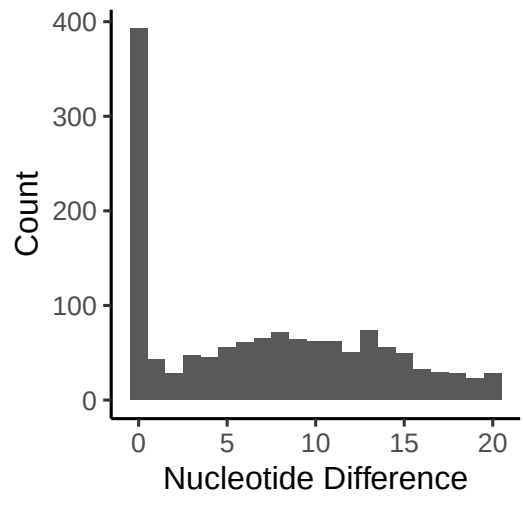
IGHV2−26*04

3 sequences assigned
3 (100%) exact matches, in which:
3 unique CDR3
2 unique J



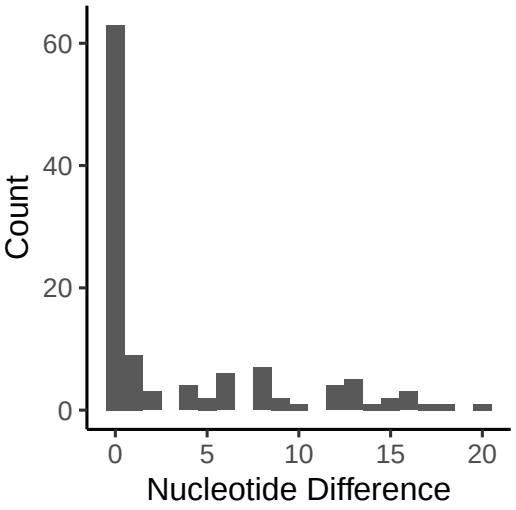
IGHV3−7*03

1418 sequences assigned
393 (27.7%) exact matches, in which:
388 unique CDR3
7 unique J



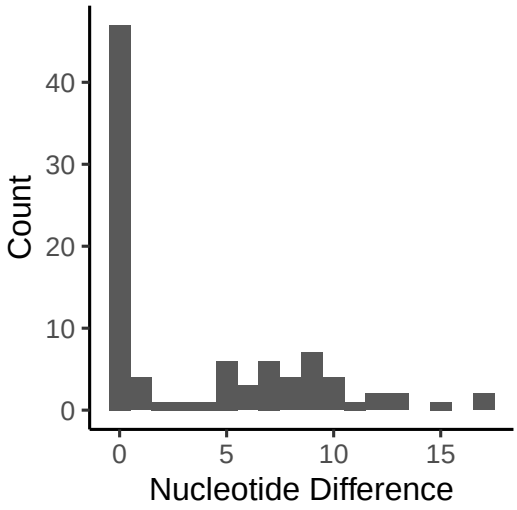
IGHV3−11*06

122 sequences assigned
63 (51.6%) exact matches, in which:
63 unique CDR3
5 unique J



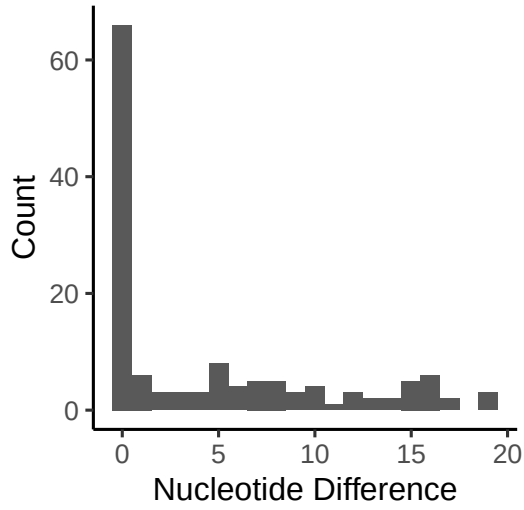
IGHV3−13*04

126 sequences assigned
47 (37.3%) exact matches, in which:
47 unique CDR3
5 unique J



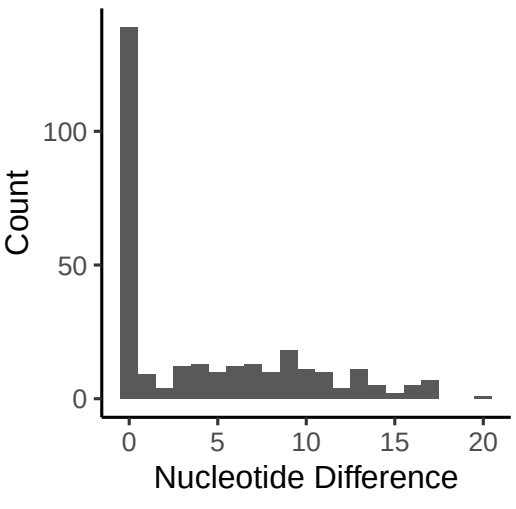
IGHV3−20*03_04

139 sequences assigned
66 (47.5%) exact matches, in which:
66 unique CDR3
6 unique J



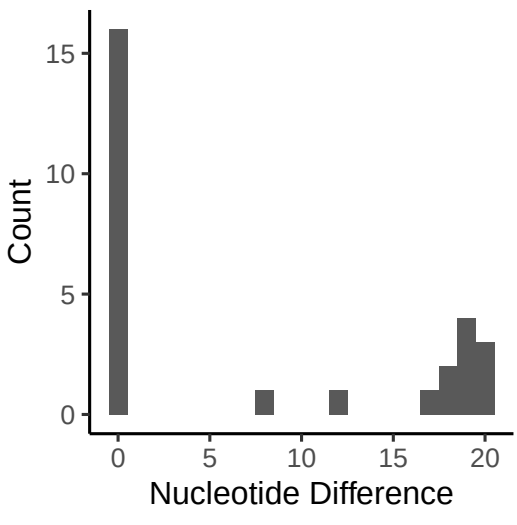
IGHV3−11*06_T300C

309 sequences assigned
139 (45%) exact matches, in which:
139 unique CDR3
6 unique J



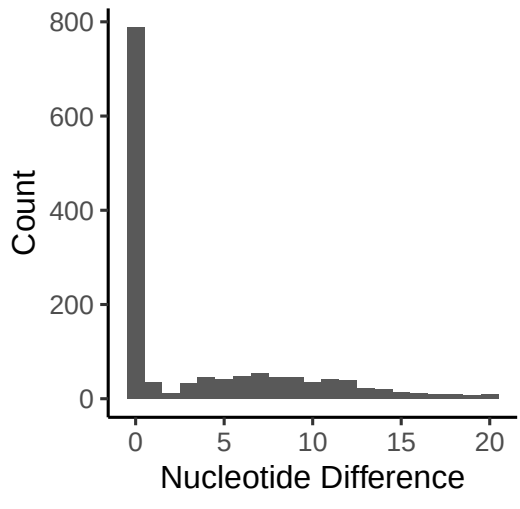
IGHV3−13*05

28 sequences assigned
16 (57.1%) exact matches, in which:
16 unique CDR3
5 unique J



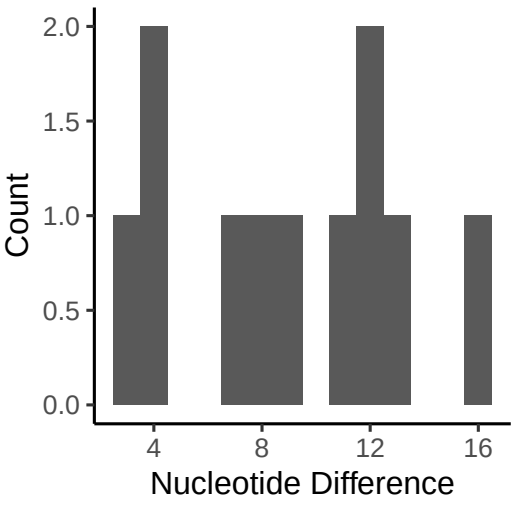
IGHV3−21*01_02

1409 sequences assigned
789 (56%) exact matches, in which:
776 unique CDR3
7 unique J



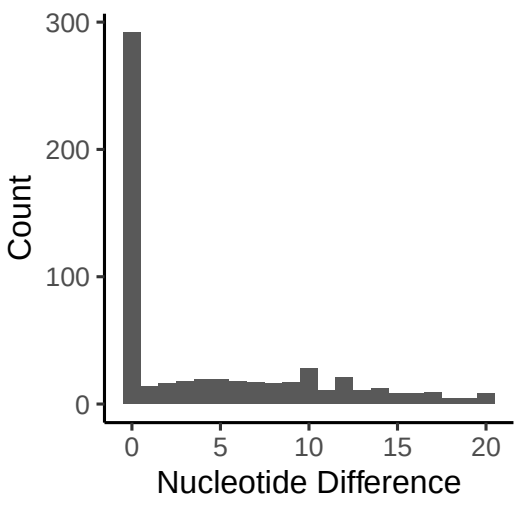
IGHV3−13*01

12 sequences assigned
No exact matches.



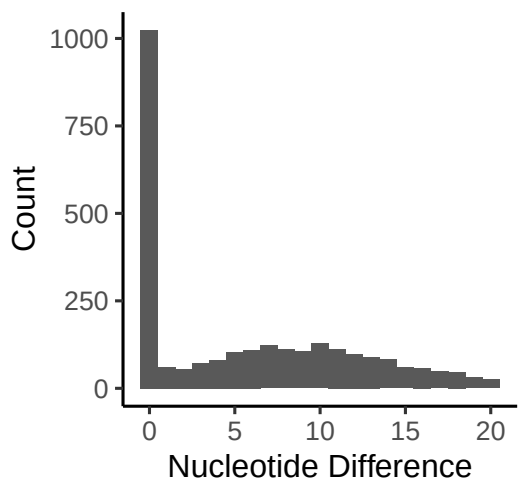
IGHV3−15*01_02

607 sequences assigned
292 (48.1%) exact matches, in which:
291 unique CDR3
7 unique J



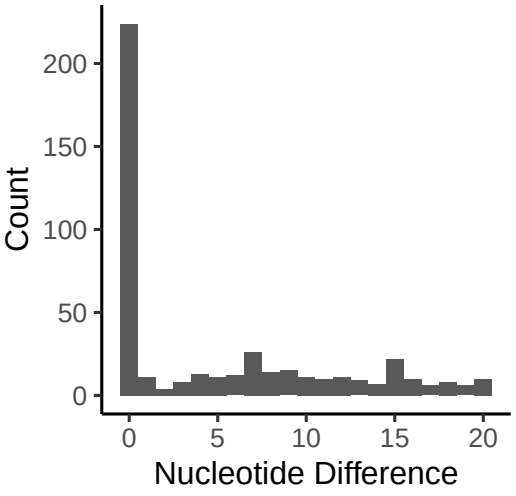
IGHV3−23*01_04

2797 sequences assigned
1024 (36.6%) exact matches, in which:
1008 unique CDR3
7 unique J



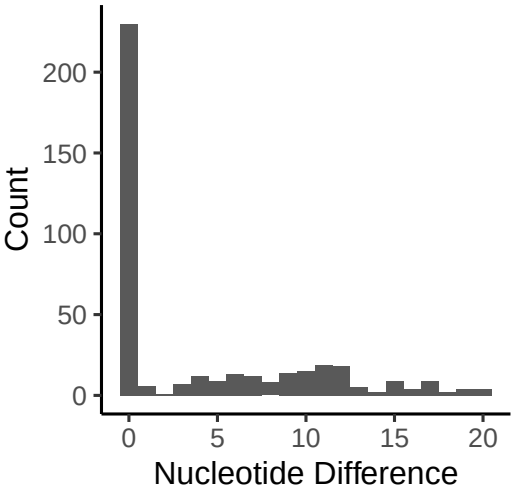
IGHV3−30*01

477 sequences assigned
224 (47%) exact matches, in which:
224 unique CDR3
6 unique J



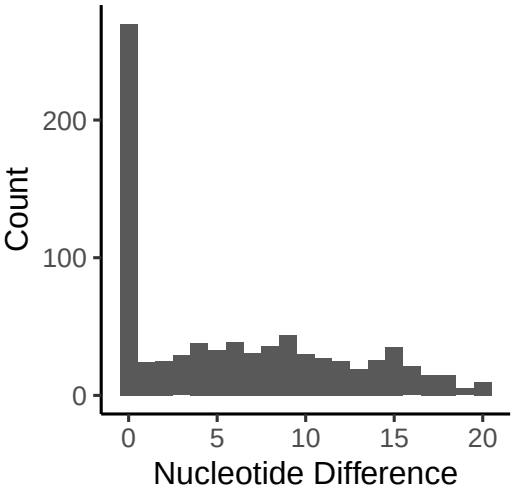
IGHV3−33*08

417 sequences assigned
230 (55.2%) exact matches, in which:
230 unique CDR3
6 unique J



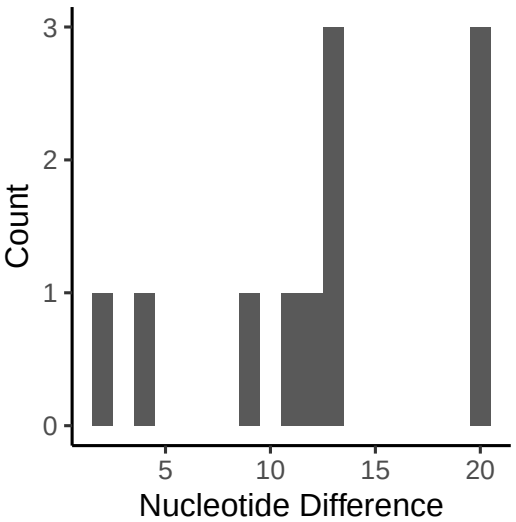
IGHV3−48*02

854 sequences assigned
270 (31.6%) exact matches, in which:
265 unique CDR3
6 unique J



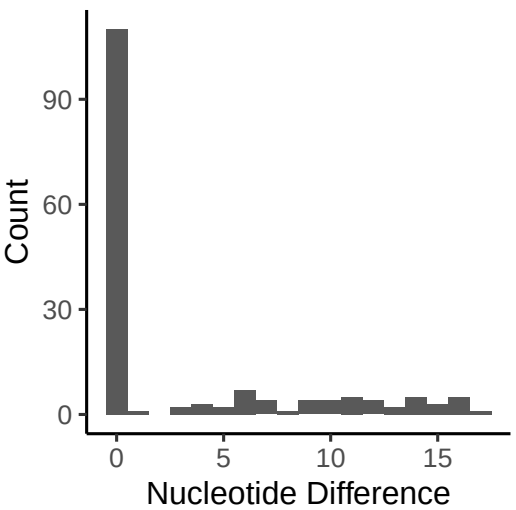
IGHV3−30−3*03

16 sequences assigned
No exact matches.



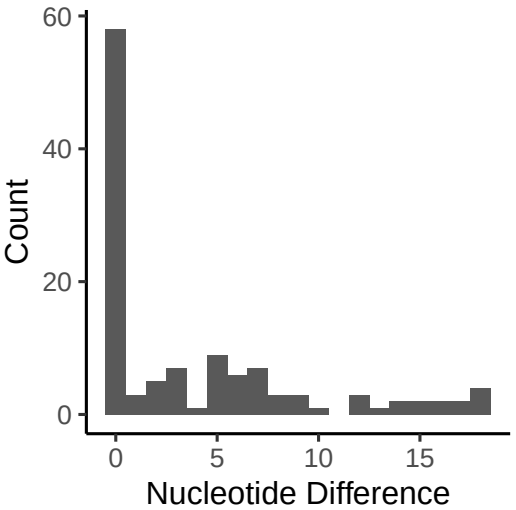
IGHV3−43*01

174 sequences assigned
110 (63.2%) exact matches, in which:
108 unique CDR3
6 unique J



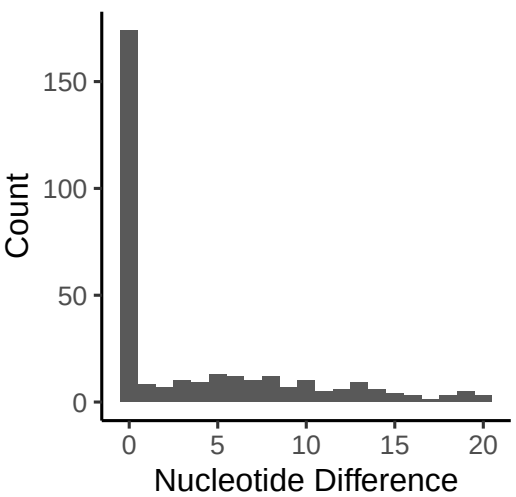
IGHV3−49*04

128 sequences assigned
58 (45.3%) exact matches, in which:
58 unique CDR3
5 unique J



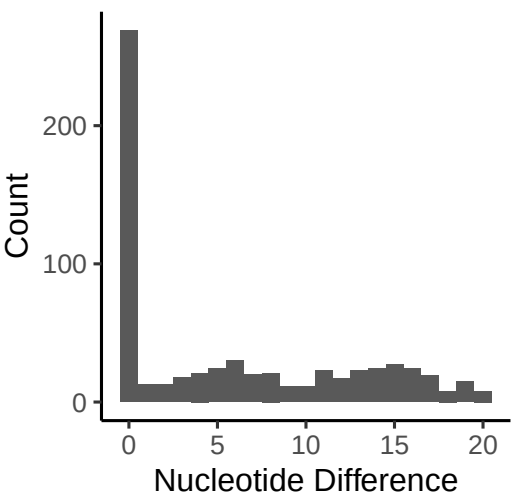
IGHV3−33*01

333 sequences assigned
174 (52.3%) exact matches, in which:
171 unique CDR3
6 unique J



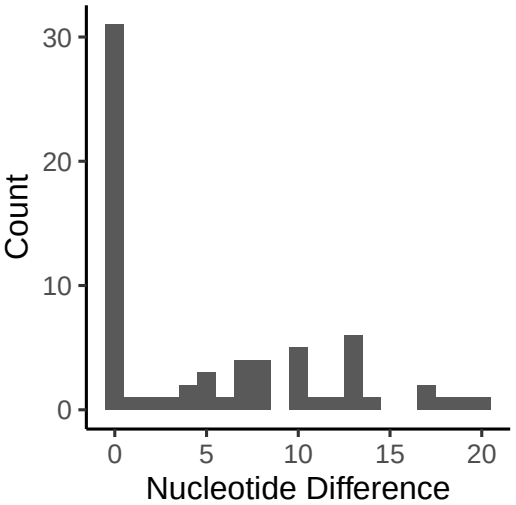
IGHV3−48*01

669 sequences assigned
269 (40.2%) exact matches, in which:
267 unique CDR3
6 unique J



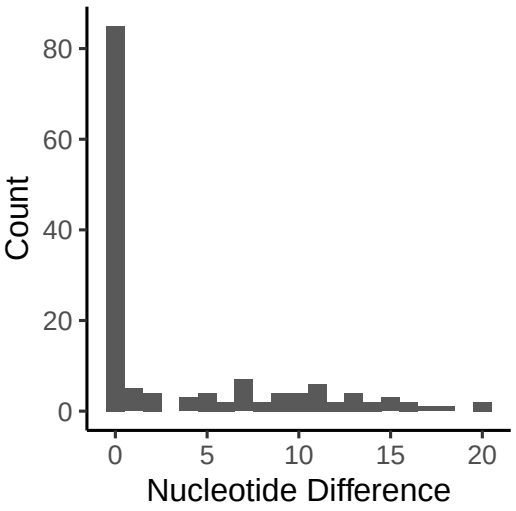
IGHV3−49*03_05

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



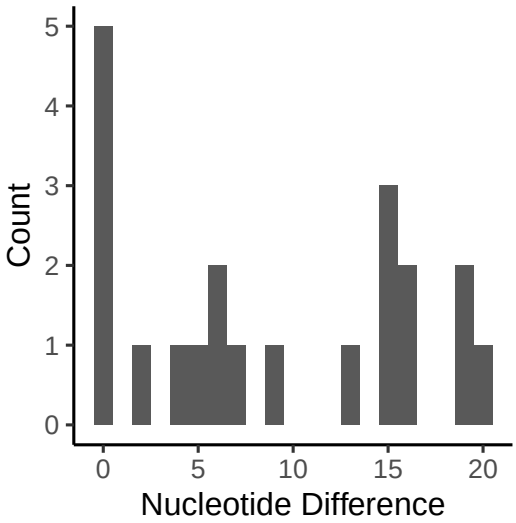
IGHV3−53*04

149 sequences assigned
85 (57%) exact matches, in which:
85 unique CDR3
5 unique J



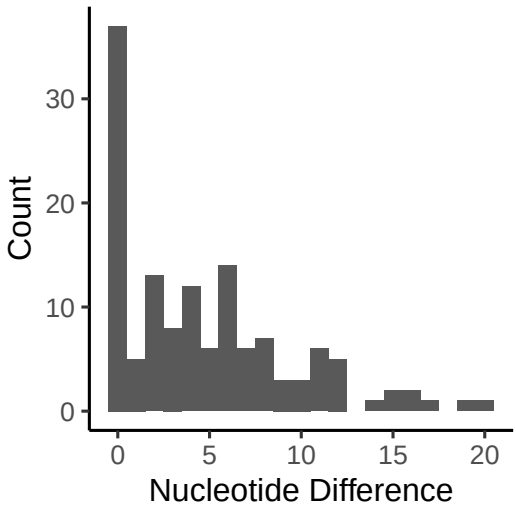
IGHV3−64*02_07

21 sequences assigned
5 (23.8%) exact matches, in which:
4 unique CDR3
2 unique J



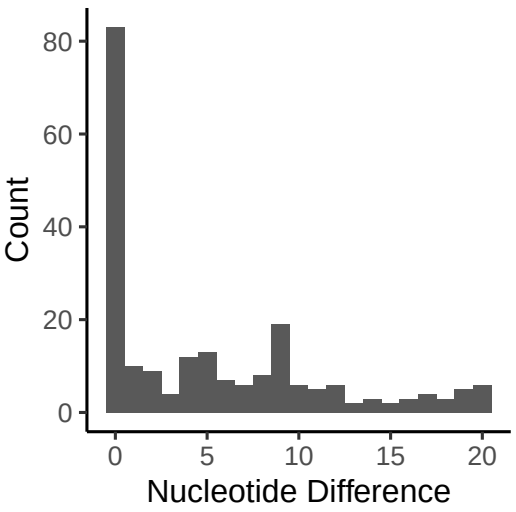
IGHV3−73*01_02

134 sequences assigned
37 (27.6%) exact matches, in which:
37 unique CDR3
6 unique J



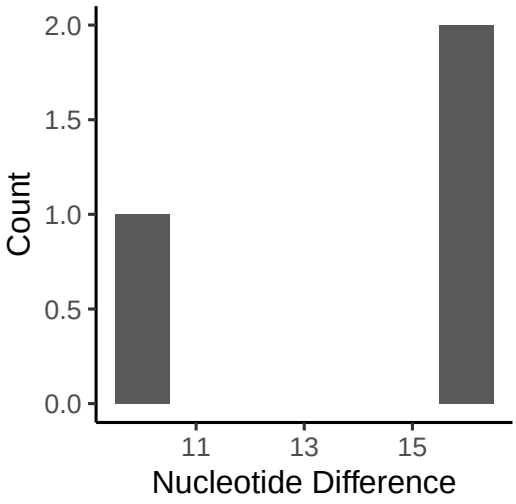
IGHV3−53*01_02

221 sequences assigned
83 (37.6%) exact matches, in which:
83 unique CDR3
6 unique J



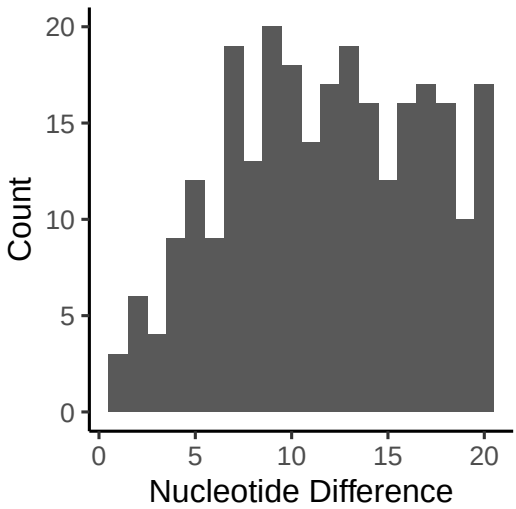
IGHV3−69−1*01

8 sequences assigned
No exact matches.



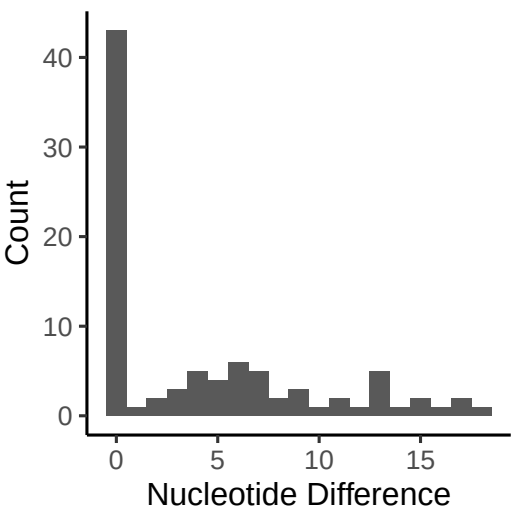
IGHV3−74*03

328 sequences assigned
No exact matches.



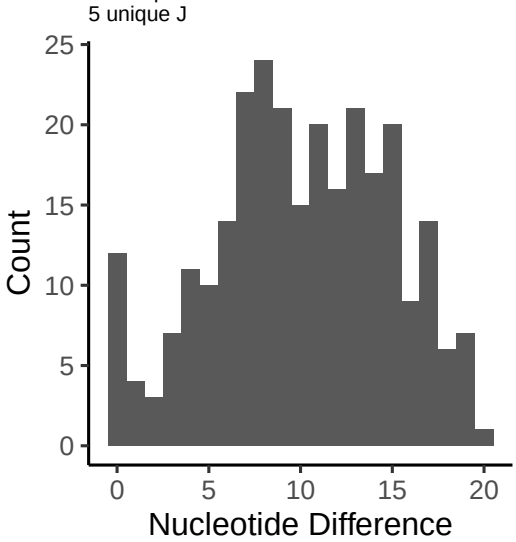
IGHV3−64*01

96 sequences assigned
43 (44.8%) exact matches, in which:
43 unique CDR3
6 unique J



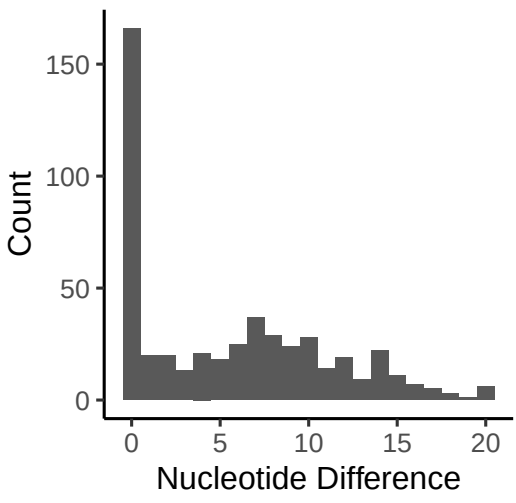
IGHV3−72*01

296 sequences assigned
12 (4.1%) exact matches, in which:
11 unique CDR3
5 unique J



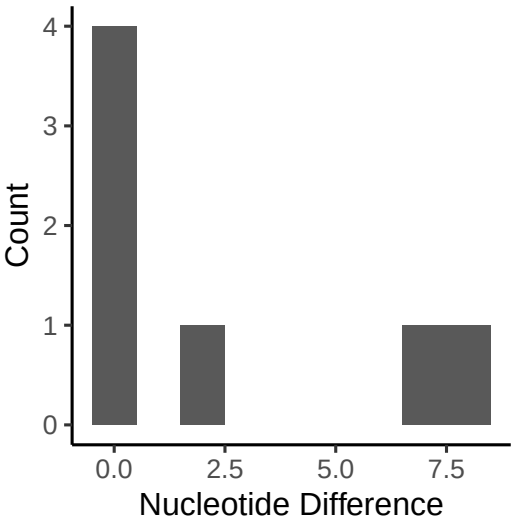
IGHV3−74*01_02

522 sequences assigned
166 (31.8%) exact matches, in which:
161 unique CDR3
6 unique J



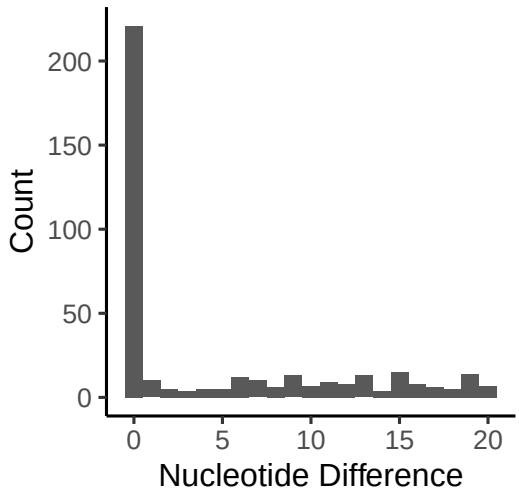
IGHV3−43D*04

7 sequences assigned
4 (57.1%) exact matches, in which:
4 unique CDR3
2 unique J



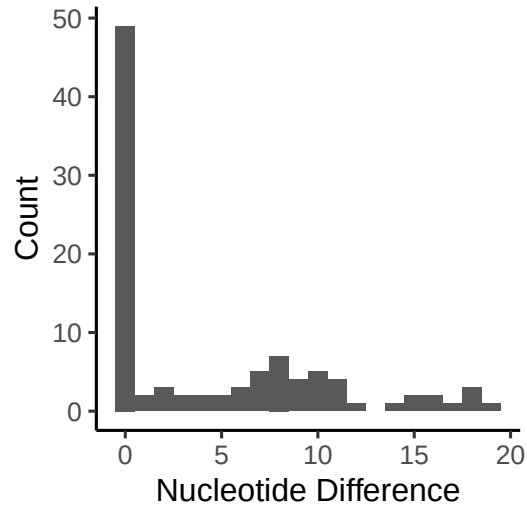
IGHV4−4*02_03

422 sequences assigned
221 (52.4%) exact matches, in which:
219 unique CDR3
7 unique J



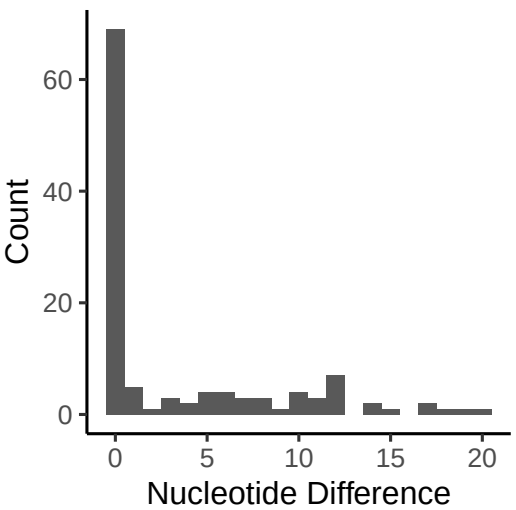
IGHV4−31*01

127 sequences assigned
49 (38.6%) exact matches, in which:
48 unique CDR3
5 unique J



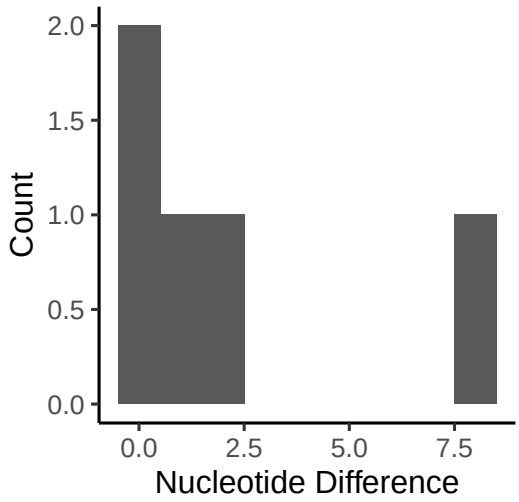
IGHV3−64D*06

123 sequences assigned
69 (56.1%) exact matches, in which:
69 unique CDR3
6 unique J



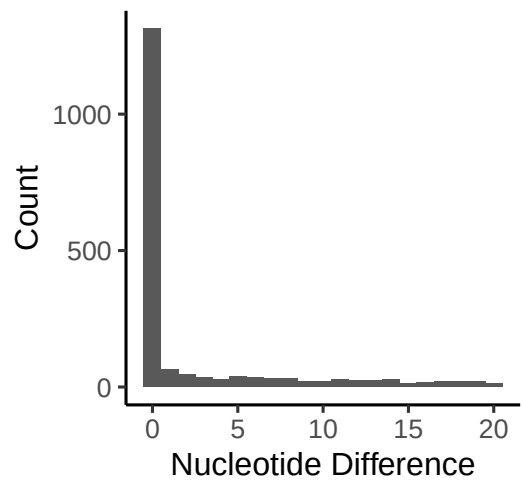
IGHV4−28*01_07

6 sequences assigned
2 (33.3%) exact matches, in which:
2 unique CDR3
1 unique J



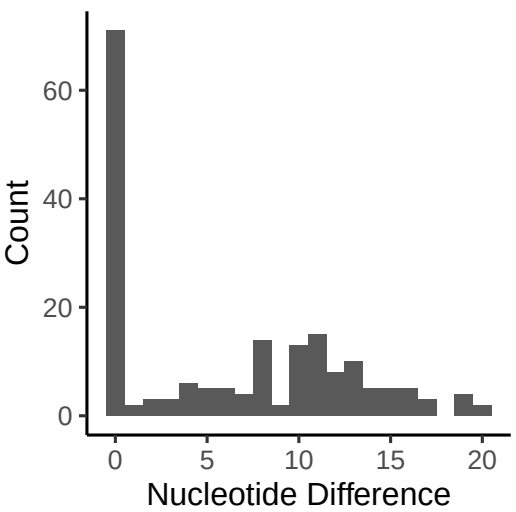
IGHV4−34*01_02

1945 sequences assigned
1313 (67.5%) exact matches, in which:
1299 unique CDR3
7 unique J



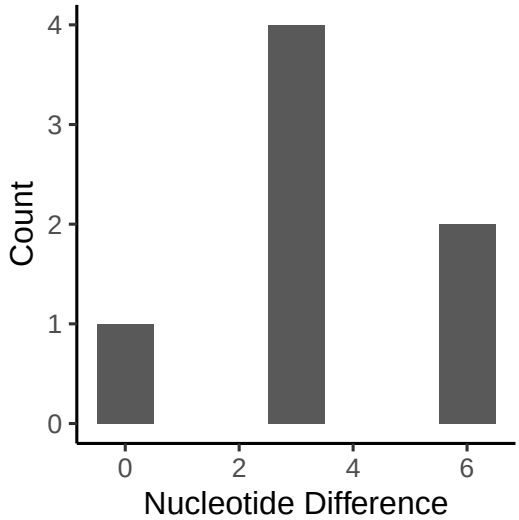
IGHV3−64D*09

194 sequences assigned
71 (36.6%) exact matches, in which:
69 unique CDR3
5 unique J



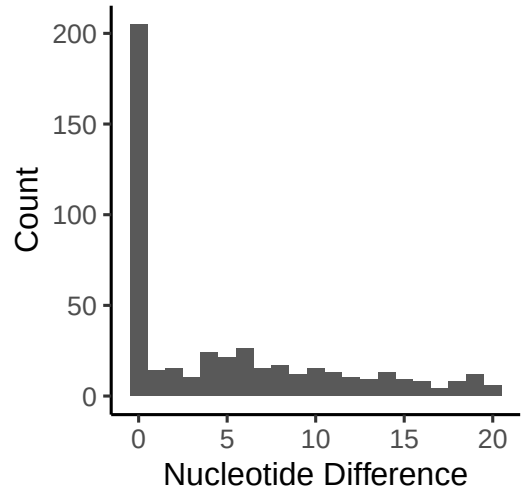
IGHV4−28*02_05

7 sequences assigned
1 (14.3%) exact matches, in which:
1 unique CDR3
1 unique J



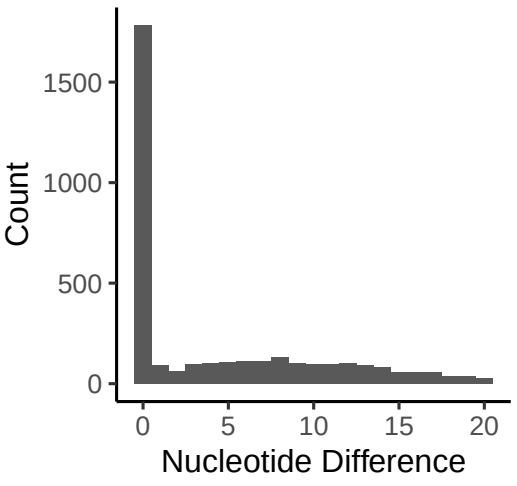
IGHV4−38−2*02_A70G

493 sequences assigned
205 (41.6%) exact matches, in which:
204 unique CDR3
6 unique J



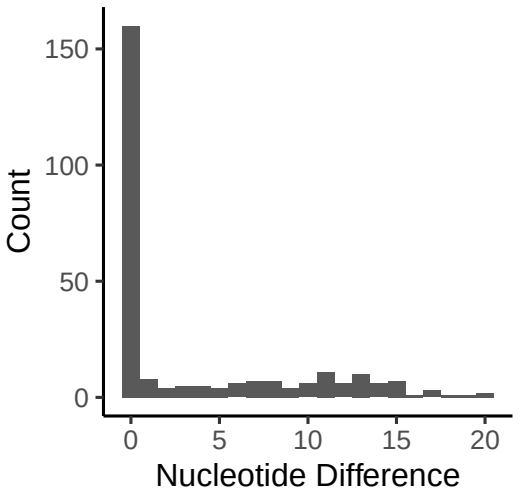
IGHV4−39*02_C258G

3666 sequences assigned
1782 (48.6%) exact matches, in which:
1760 unique CDR3
7 unique J



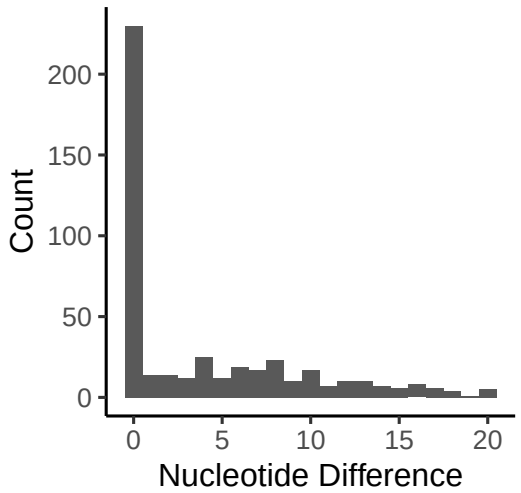
IGHV4−61*01

297 sequences assigned
160 (53.9%) exact matches, in which:
159 unique CDR3
6 unique J



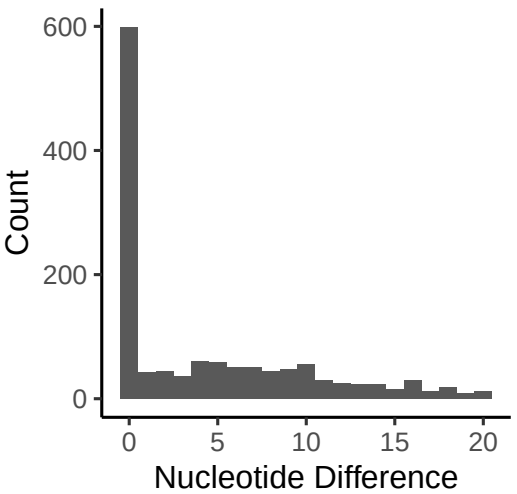
IGHV5−51*07_A128G

478 sequences assigned
230 (48.1%) exact matches, in which:
230 unique CDR3
7 unique J



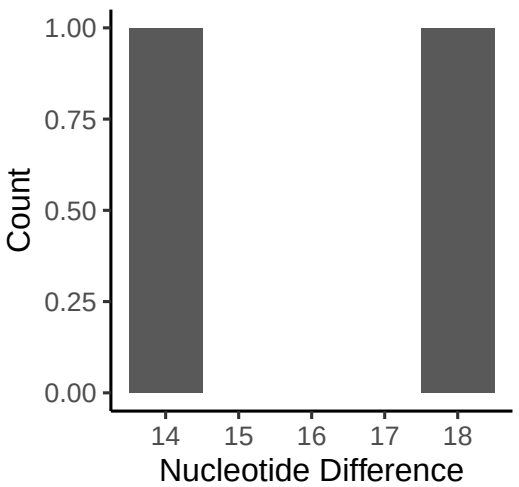
IGHV4−59*08

1386 sequences assigned
599 (43.2%) exact matches, in which:
595 unique CDR3
7 unique J



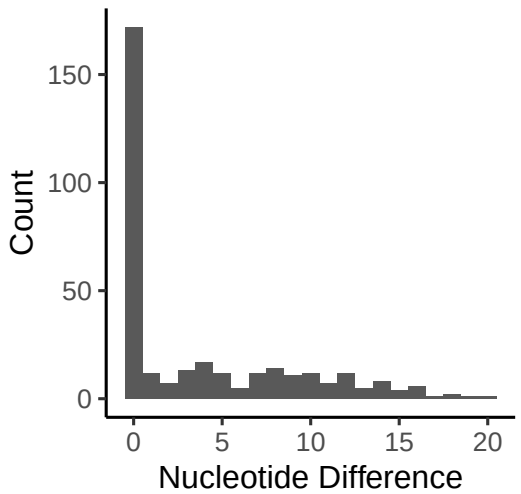
IGHV4/OR15−8*01

3 sequences assigned
No exact matches.



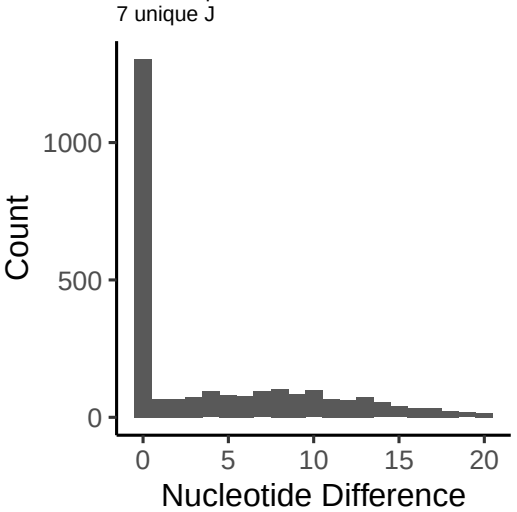
IGHV6−1*01_02

344 sequences assigned
172 (50%) exact matches, in which:
172 unique CDR3
7 unique J



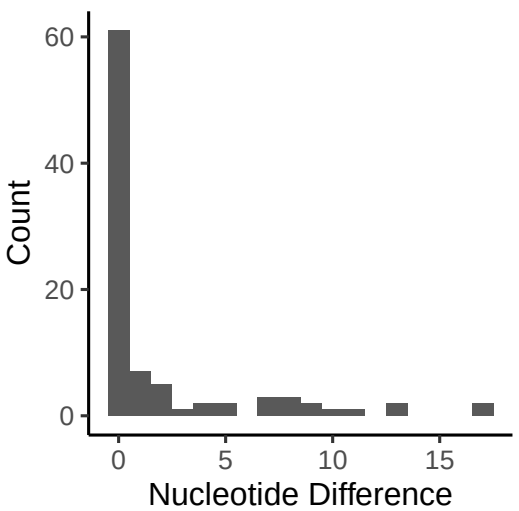
IGHV4−59*02_G88A

2691 sequences assigned
1304 (48.5%) exact matches, in which:
1292 unique CDR3
7 unique J



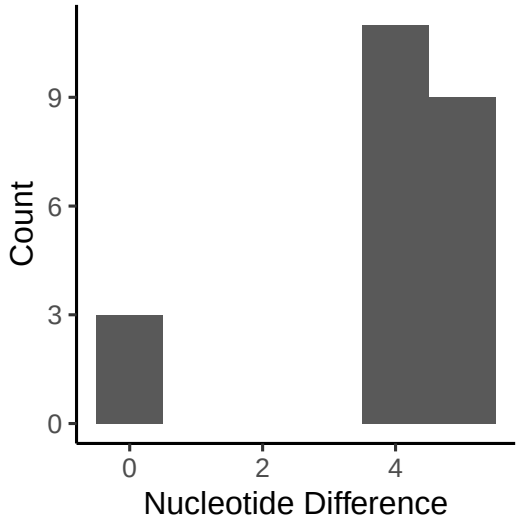
IGHV5−10−1*01_03

99 sequences assigned
61 (61.6%) exact matches, in which:
61 unique CDR3
6 unique J



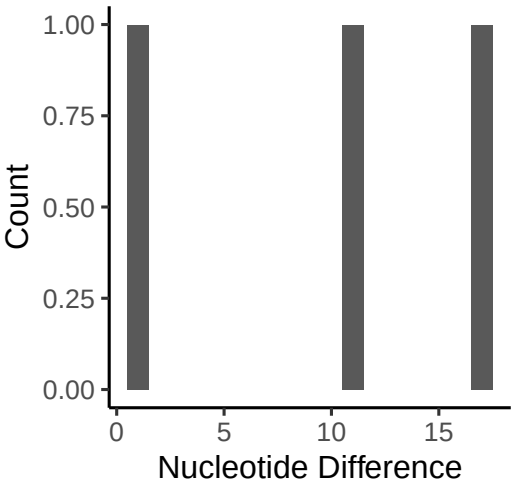
IGHV7−4−1*01

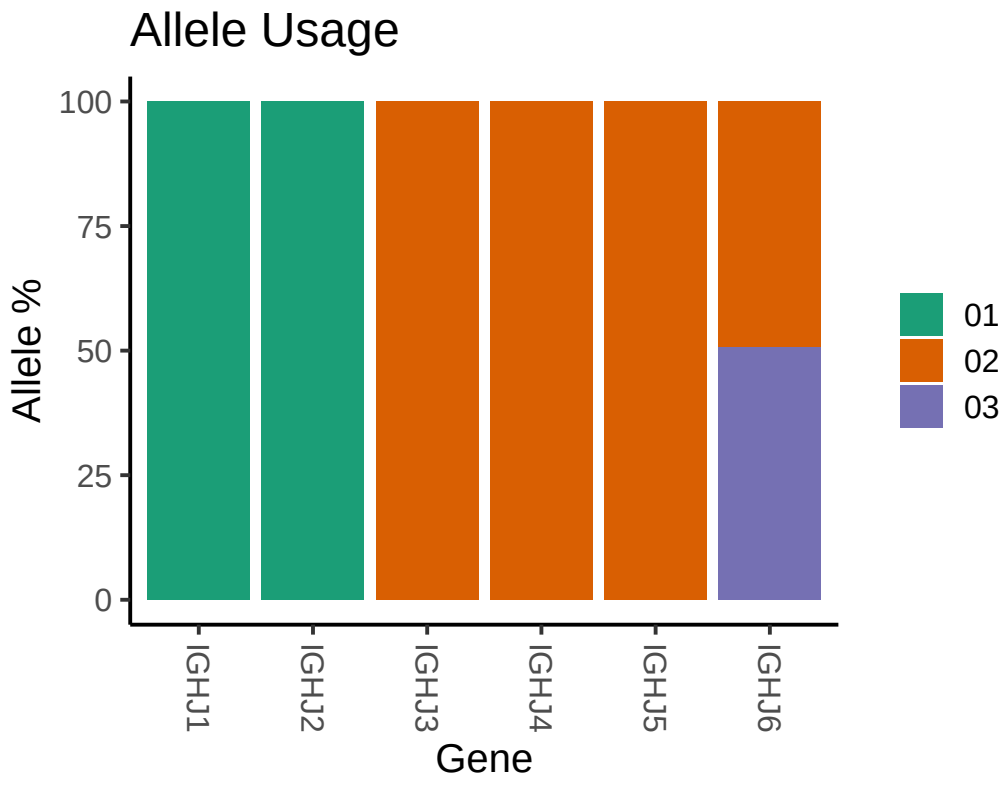
23 sequences assigned
3 (13%) exact matches, in which:
3 unique CDR3
3 unique J



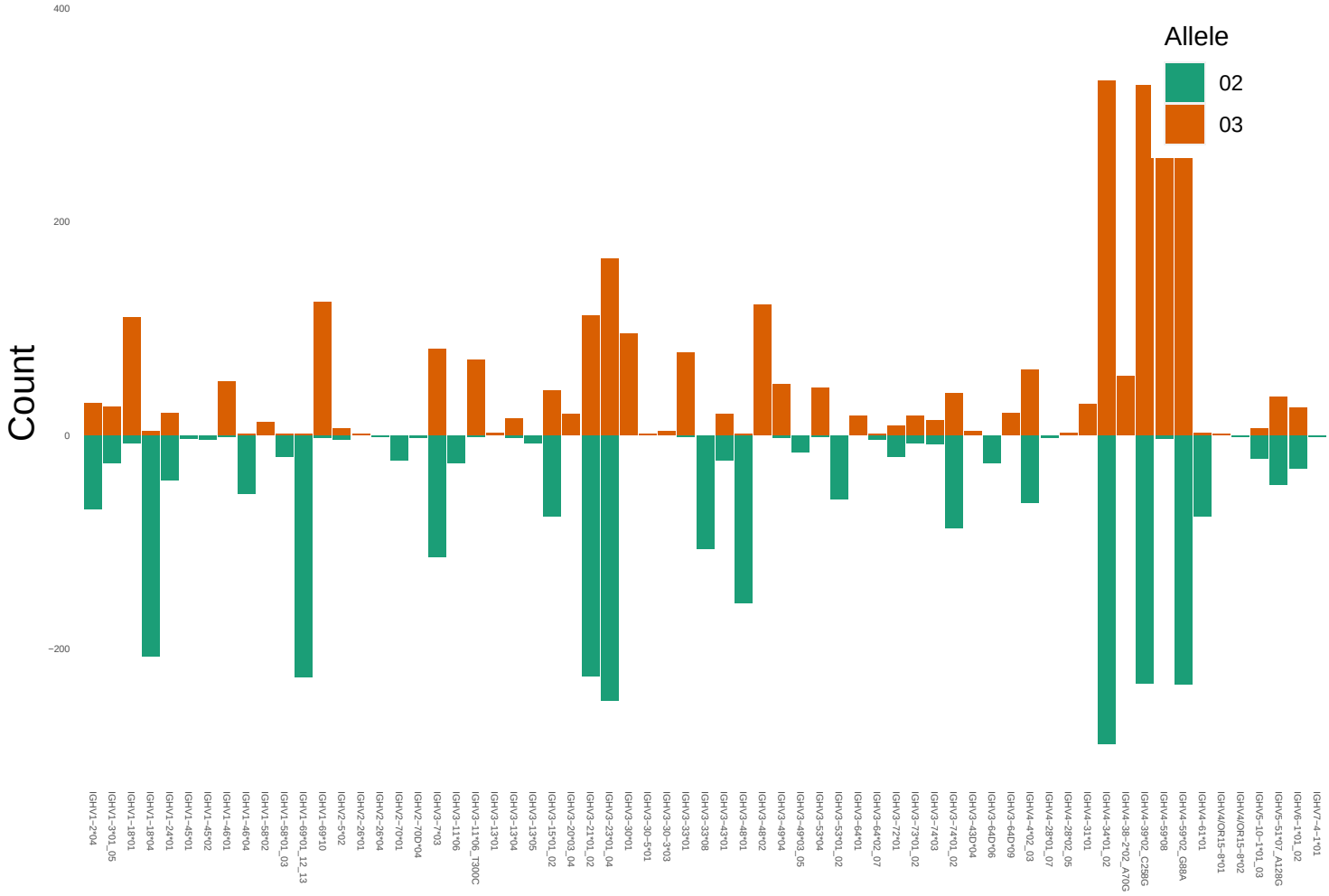
IGHV7−4−1*02

3 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.