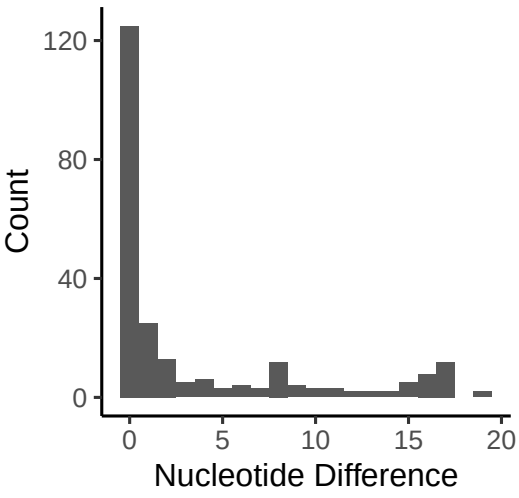
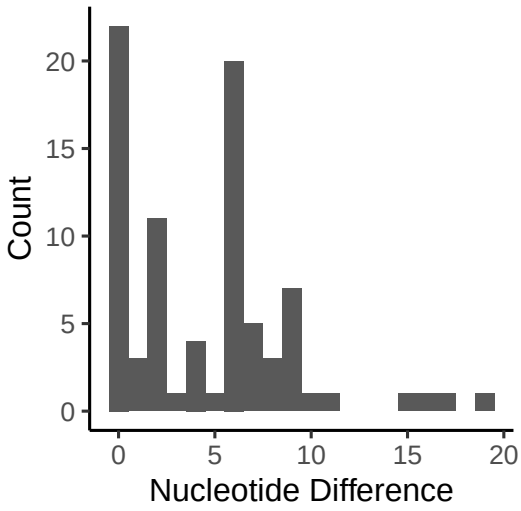
IGHV1−2*04

253 sequences assigned
125 (49.4%) exact matches, in which:
119 unique CDR3
7 unique J



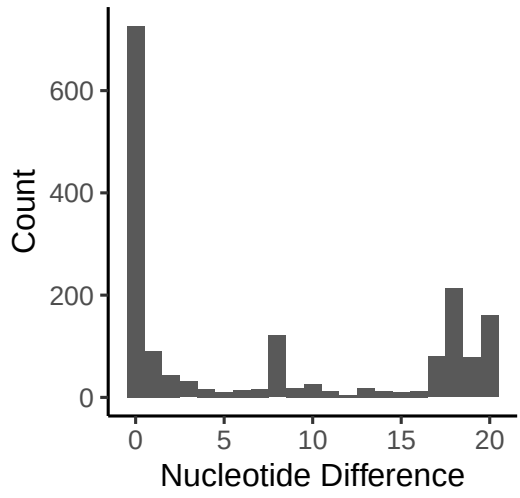
IGHV1−3*01_05_A291G_

95 sequences assigned
22 (23.2%) exact matches, in which:
22 unique CDR3
7 unique J



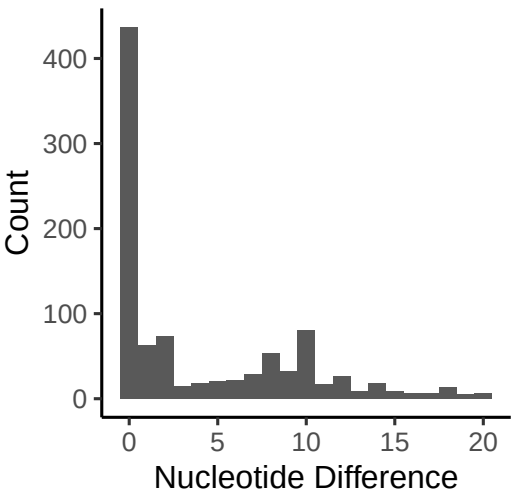
IGHV1−18*04

1776 sequences assigned
727 (40.9%) exact matches, in which:
698 unique CDR3
7 unique J



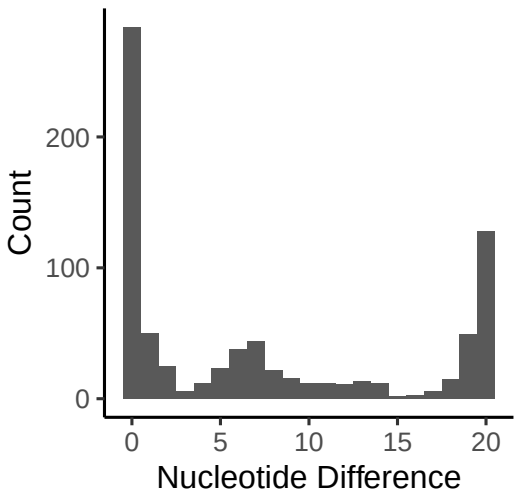
IGHV1−2*06

1273 sequences assigned
437 (34.3%) exact matches, in which:
420 unique CDR3
7 unique J



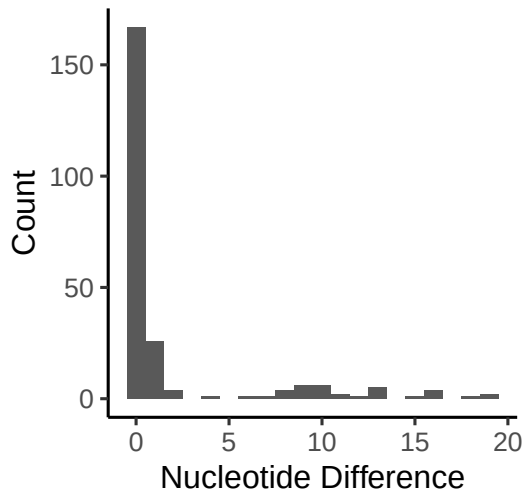
IGHV1−8*01

885 sequences assigned
284 (32.1%) exact matches, in which:
275 unique CDR3
7 unique J



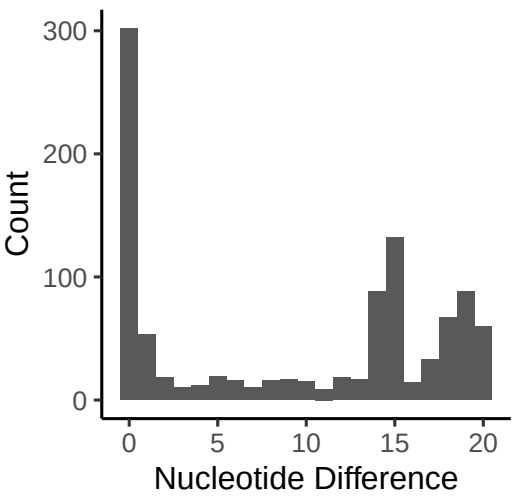
IGHV1−24*01

318 sequences assigned
167 (52.5%) exact matches, in which:
161 unique CDR3
7 unique J



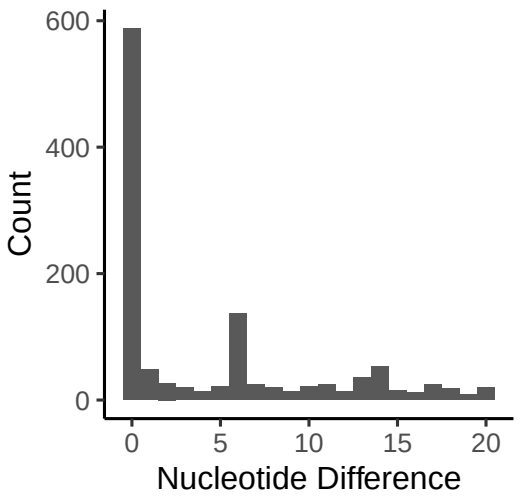
IGHV1−3*01_05

1341 sequences assigned
302 (22.5%) exact matches, in which:
284 unique CDR3
7 unique J



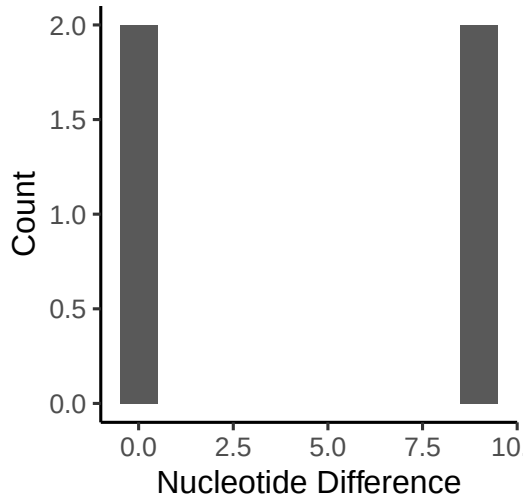
IGHV1−18*01

1717 sequences assigned
588 (34.2%) exact matches, in which:
563 unique CDR3
7 unique J



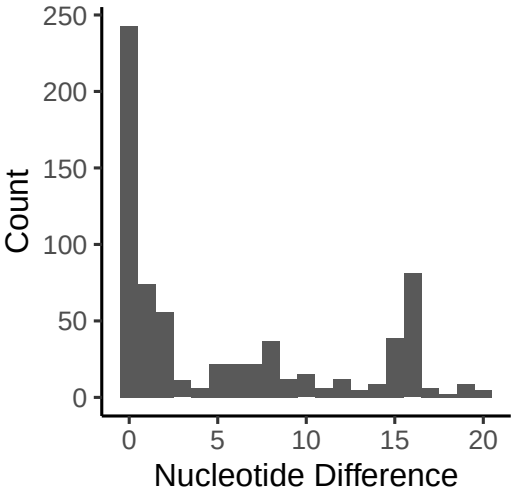
IGHV1−45*02

4 sequences assigned
2 (50%) exact matches, in which:
1 unique CDR3
1 unique J



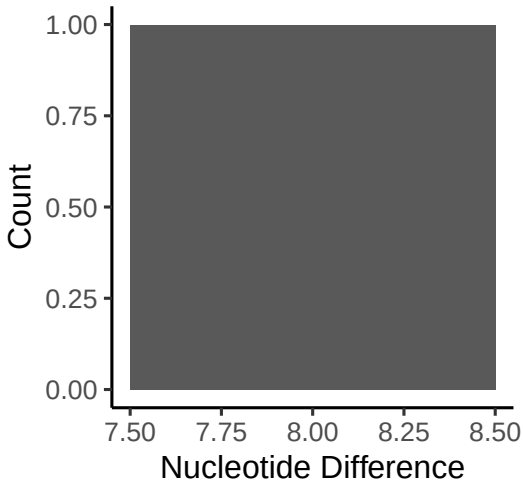
IGHV1−46*01

758 sequences assigned
243 (32.1%) exact matches, in which:
233 unique CDR3
7 unique J



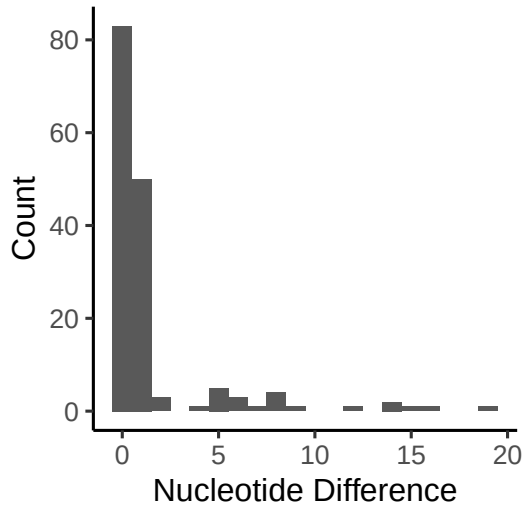
IGHV1−NL1*01

1 sequences assigned
No exact matches.



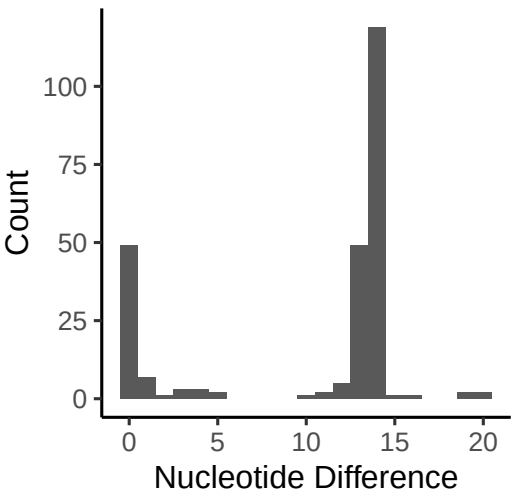
IGHV2−70*01

159 sequences assigned
83 (52.2%) exact matches, in which:
70 unique CDR3
6 unique J



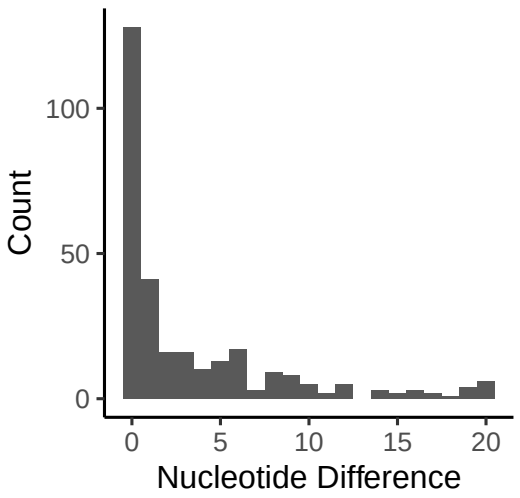
IGHV1−58*01_03

249 sequences assigned
49 (19.7%) exact matches, in which:
46 unique CDR3
6 unique J



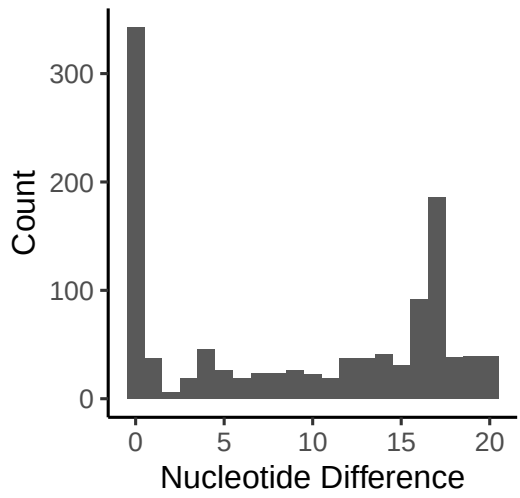
IGHV2−5*02

531 sequences assigned
128 (24.1%) exact matches, in which:
120 unique CDR3
7 unique J



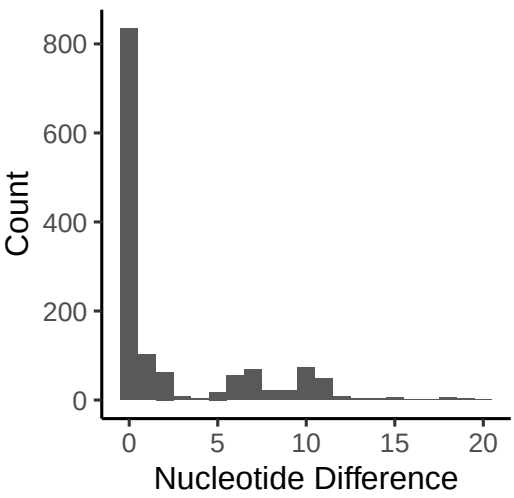
IGHV3−7*01

1267 sequences assigned
343 (27.1%) exact matches, in which:
234 unique CDR3
7 unique J



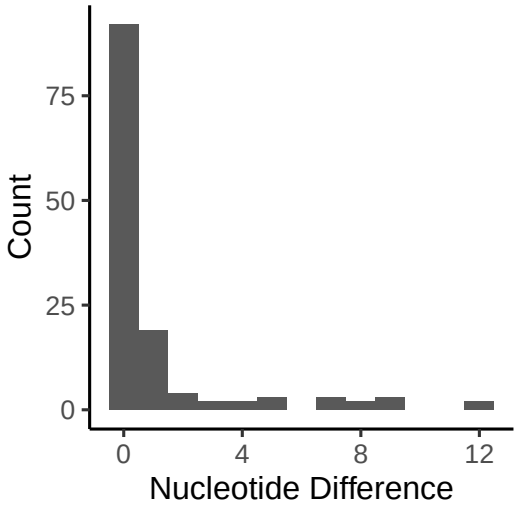
IGHV1−69*01_12_13

1414 sequences assigned
835 (59.1%) exact matches, in which:
814 unique CDR3
7 unique J



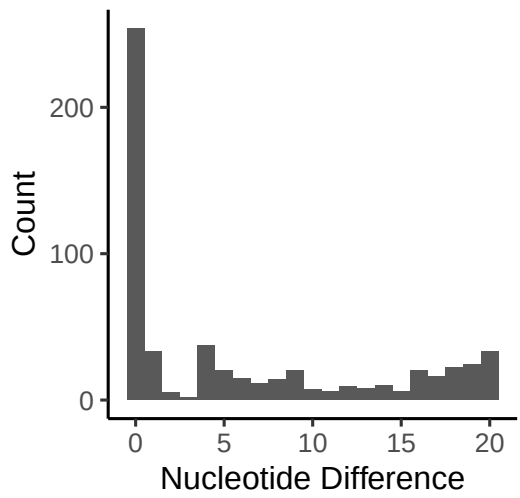
IGHV2−26*01

135 sequences assigned
92 (68.1%) exact matches, in which:
87 unique CDR3
6 unique J



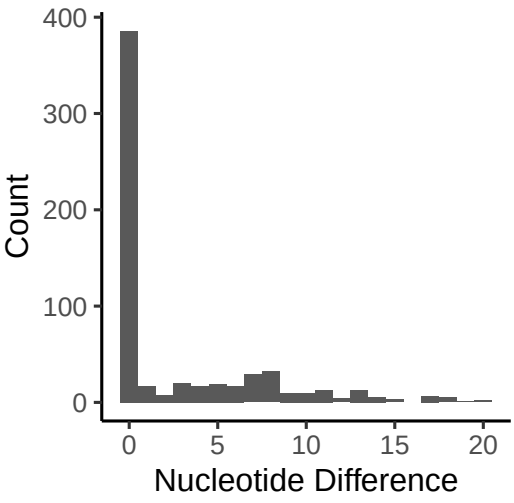
IGHV3−7*03

1402 sequences assigned
254 (18.1%) exact matches, in which:
151 unique CDR3
7 unique J



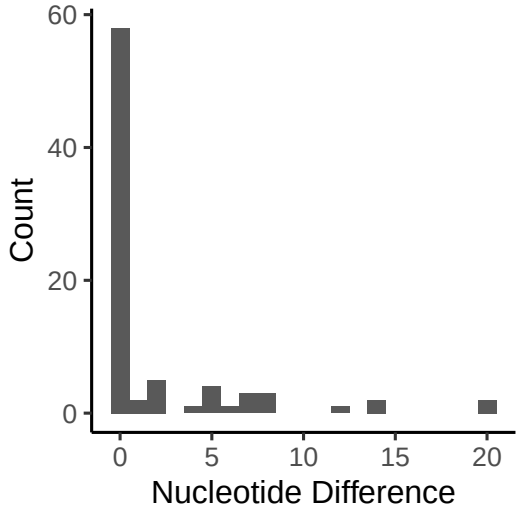
IGHV3−9*01

630 sequences assigned
386 (61.3%) exact matches, in which:
231 unique CDR3
6 unique J



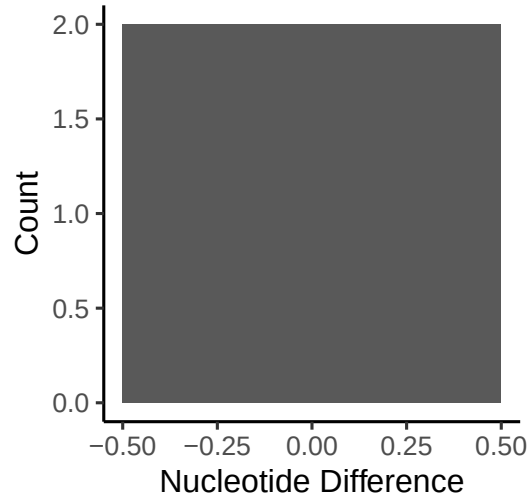
IGHV3−13*01

86 sequences assigned
58 (67.4%) exact matches, in which:
32 unique CDR3
5 unique J



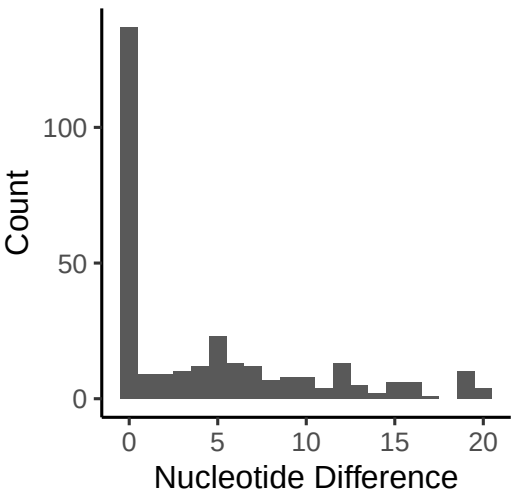
IGHV3−19*01

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



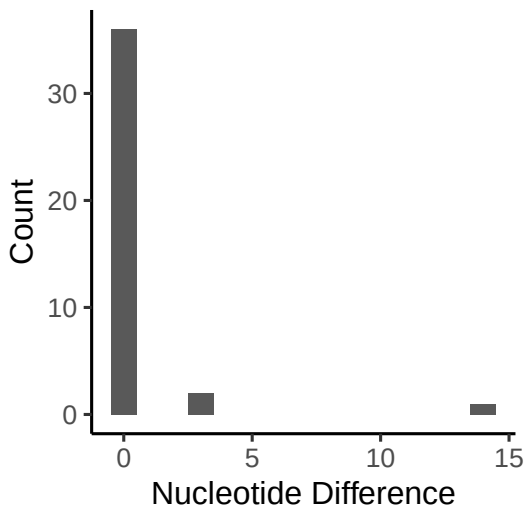
IGHV3−11*01

422 sequences assigned
137 (32.5%) exact matches, in which:
90 unique CDR3
6 unique J



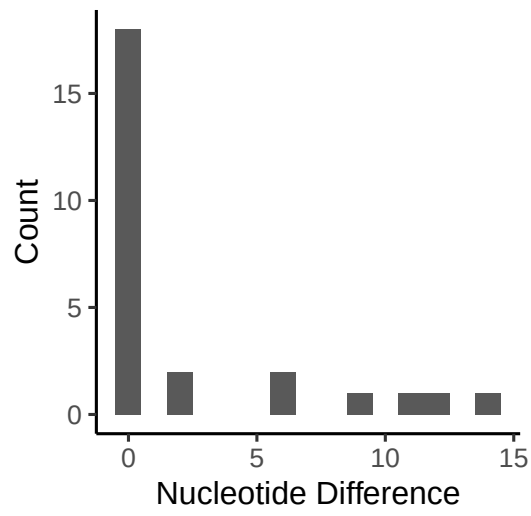
IGHV3−13*05

144 sequences assigned
36 (25%) exact matches, in which:
19 unique CDR3
4 unique J



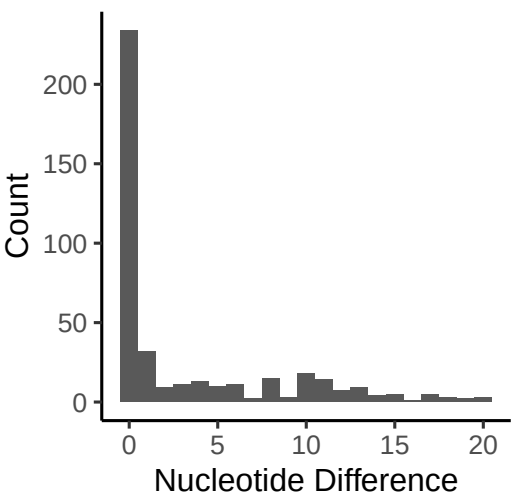
IGHV3−20*01_02

26 sequences assigned
18 (69.2%) exact matches, in which:
12 unique CDR3
4 unique J



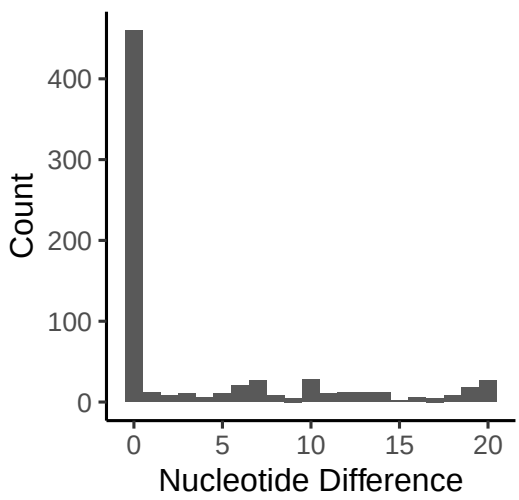
IGHV3−11*06

436 sequences assigned
234 (53.7%) exact matches, in which:
144 unique CDR3
5 unique J



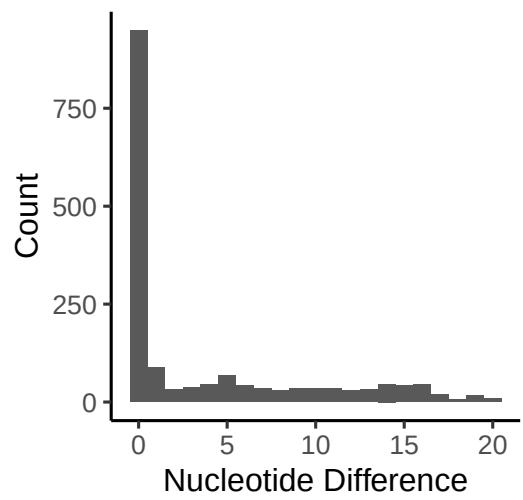
IGHV3−15*01_02

743 sequences assigned
460 (61.9%) exact matches, in which:
299 unique CDR3
7 unique J



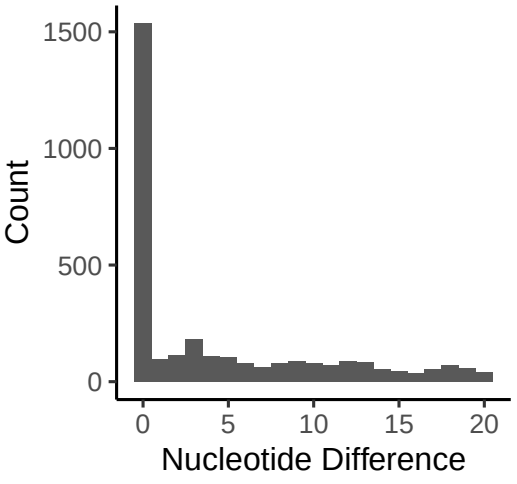
IGHV3−21*01_02

1826 sequences assigned
949 (52%) exact matches, in which:
592 unique CDR3
7 unique J



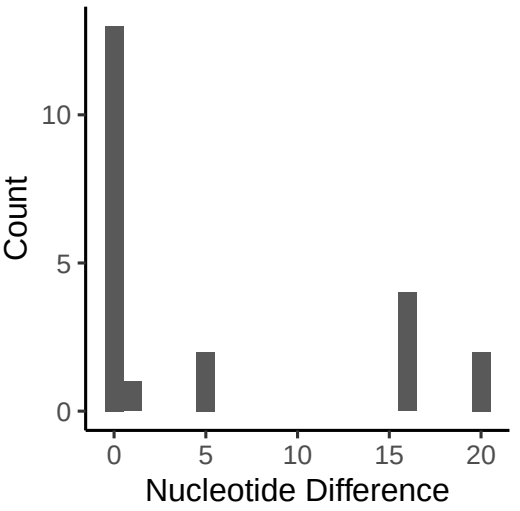
IGHV3−23*01_04

3474 sequences assigned
1536 (44.2%) exact matches, in which:
920 unique CDR3
7 unique J



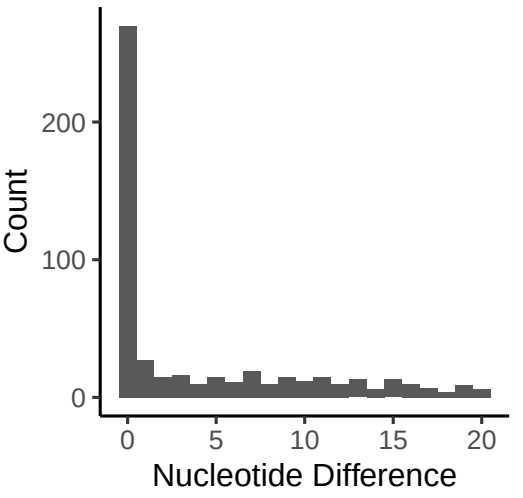
IGHV3−43*01

23 sequences assigned
13 (56.5%) exact matches, in which:
7 unique CDR3
2 unique J



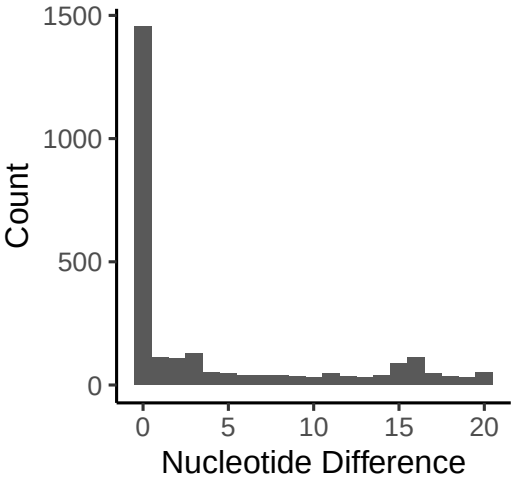
IGHV3−48*03

551 sequences assigned
270 (49%) exact matches, in which:
174 unique CDR3
6 unique J



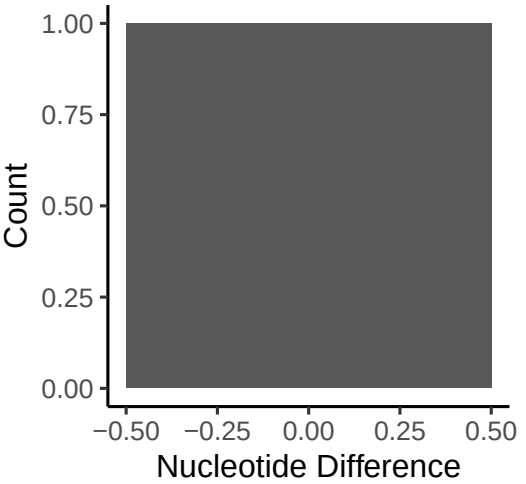
IGHV3−30−3*01

2872 sequences assigned
1454 (50.6%) exact matches, in which:
887 unique CDR3
7 unique J



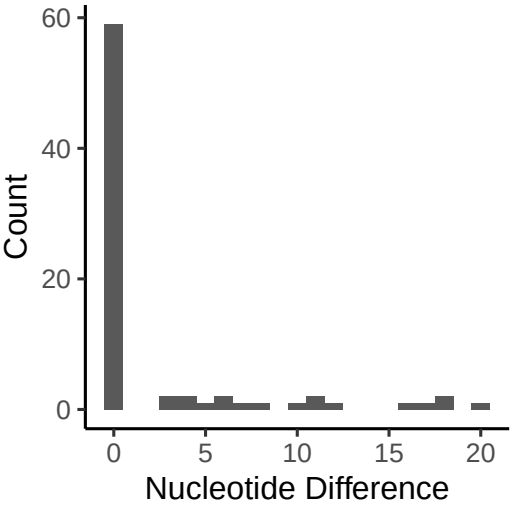
IGHV3−47*02

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



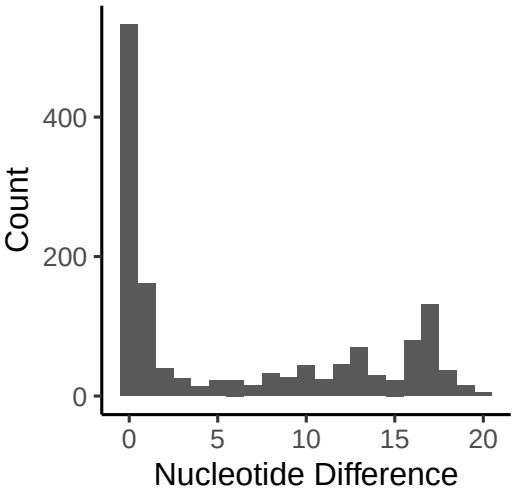
IGHV3−49*04

200 sequences assigned
59 (29.5%) exact matches, in which:
41 unique CDR3
6 unique J



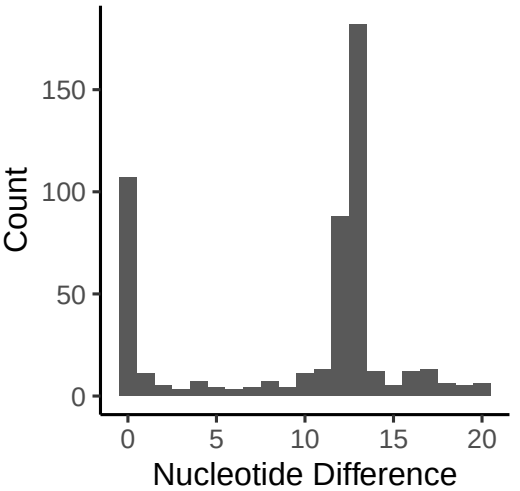
IGHV3−33*01

1962 sequences assigned
533 (27.2%) exact matches, in which:
339 unique CDR3
7 unique J



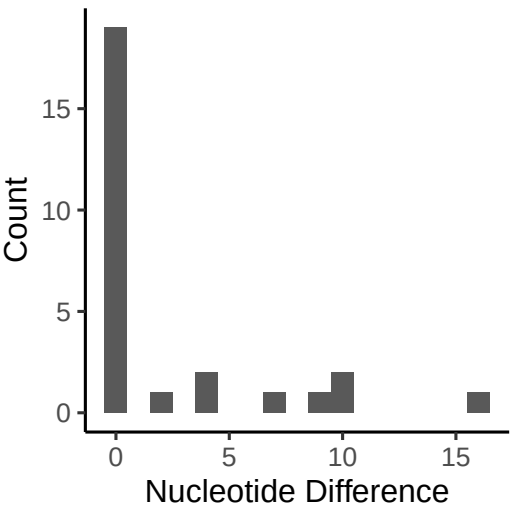
IGHV3−48*02

532 sequences assigned
107 (20.1%) exact matches, in which:
60 unique CDR3
6 unique J



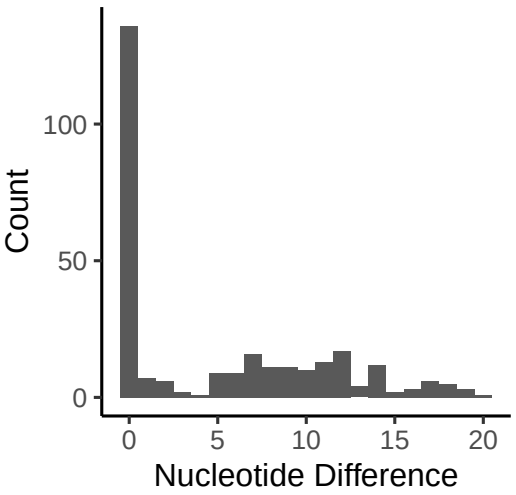
IGHV3−49*03_05

39 sequences assigned
19 (48.7%) exact matches, in which:
14 unique CDR3
4 unique J



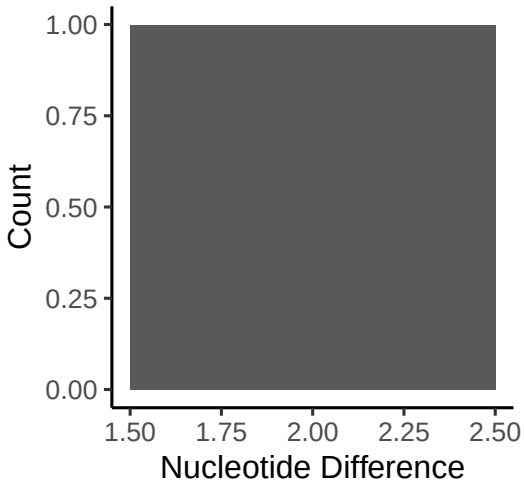
IGHV3−53*01_02

326 sequences assigned
136 (41.7%) exact matches, in which:
84 unique CDR3
6 unique J



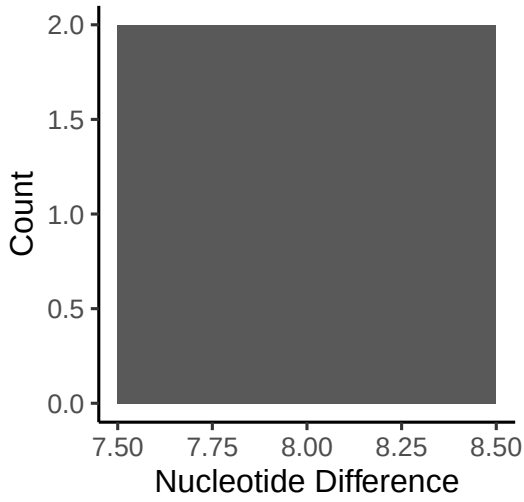
IGHV3−66*03

1 sequences assigned
No exact matches.



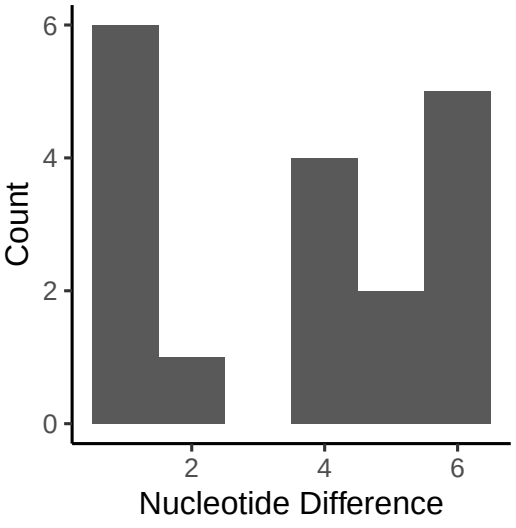
IGHV3−71*01_04

2 sequences assigned
No exact matches.



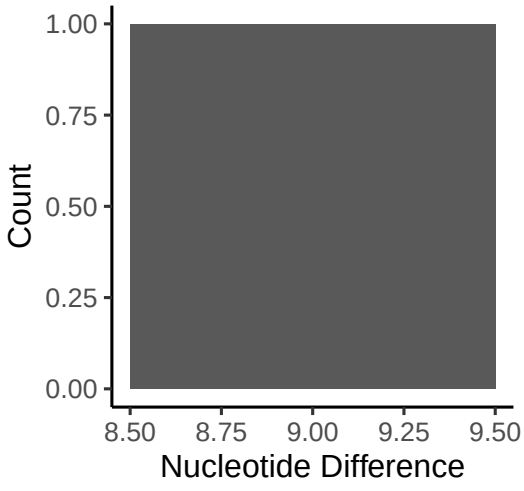
IGHV3−64*04

20 sequences assigned
No exact matches.



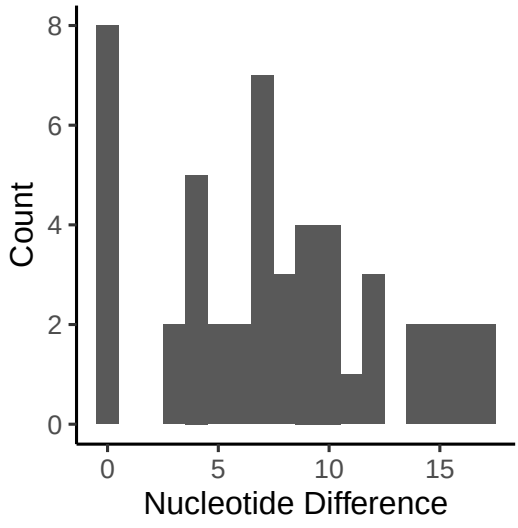
IGHV3−66*04

1 sequences assigned
No exact matches.



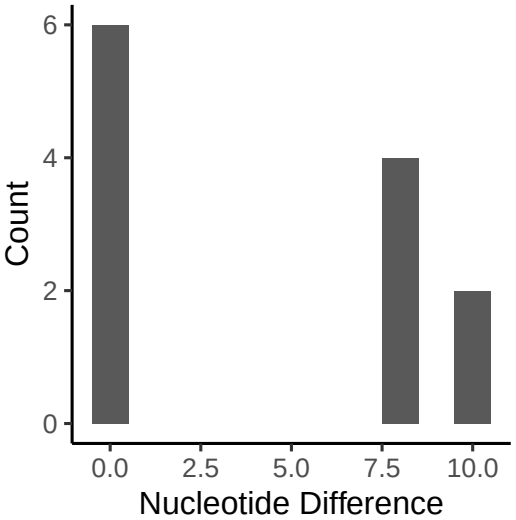
IGHV3−72*01

49 sequences assigned
8 (16.3%) exact matches, in which:
5 unique CDR3
2 unique J



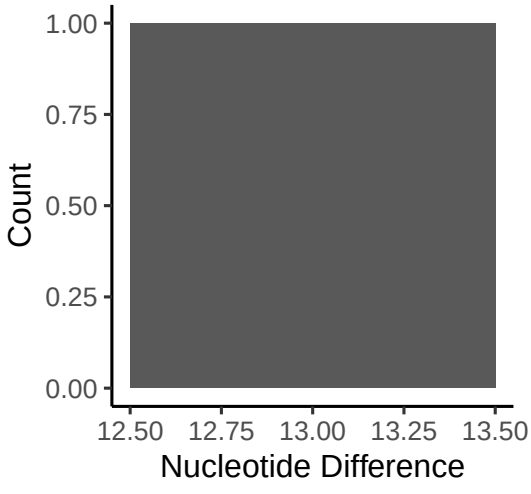
IGHV3−64*02_07

13 sequences assigned
6 (46.2%) exact matches, in which:
3 unique CDR3
2 unique J



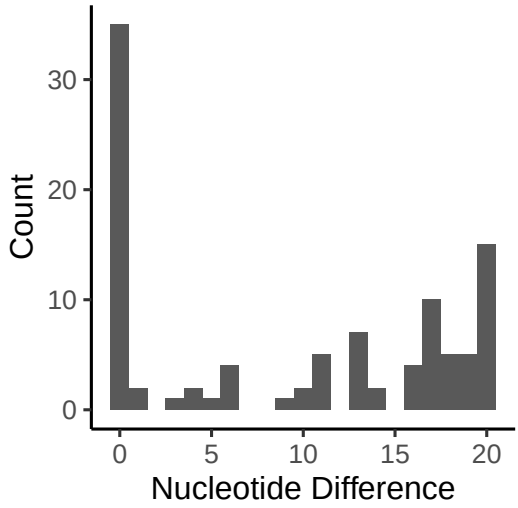
IGHV3−69−1*02

1 sequences assigned
No exact matches.



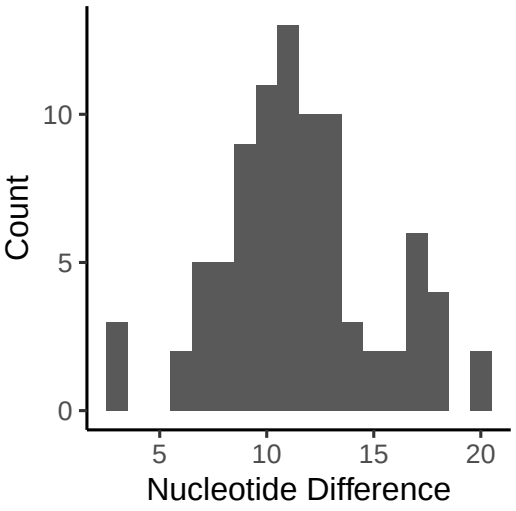
IGHV3−73*01_02

114 sequences assigned
35 (30.7%) exact matches, in which:
22 unique CDR3
4 unique J



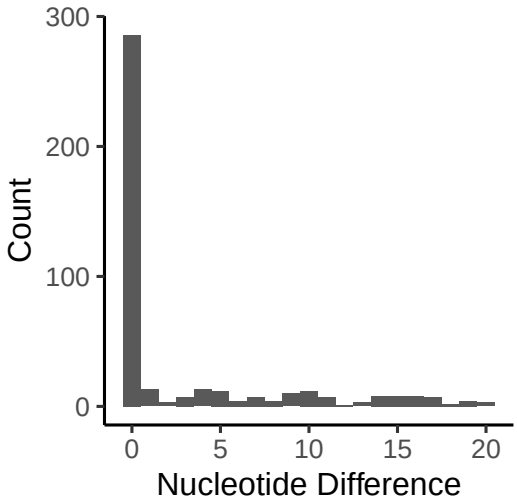
IGHV3−74*03

137 sequences assigned
No exact matches.



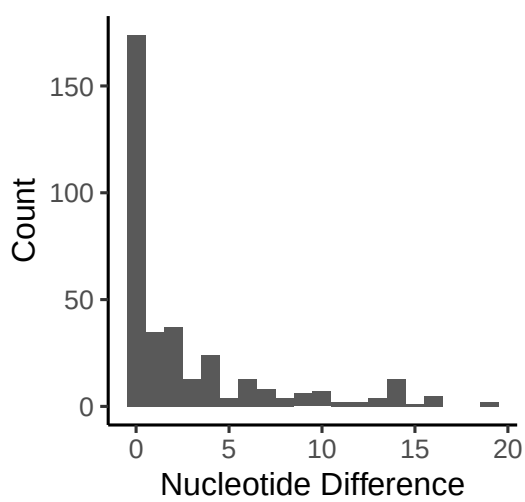
IGHV3−64D*06

449 sequences assigned
286 (63.7%) exact matches, in which:
147 unique CDR3
7 unique J



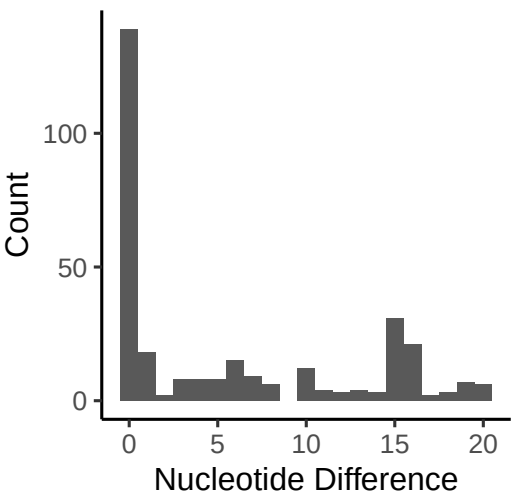
IGHV4−30−2*01

365 sequences assigned
174 (47.7%) exact matches, in which:
119 unique CDR3
7 unique J



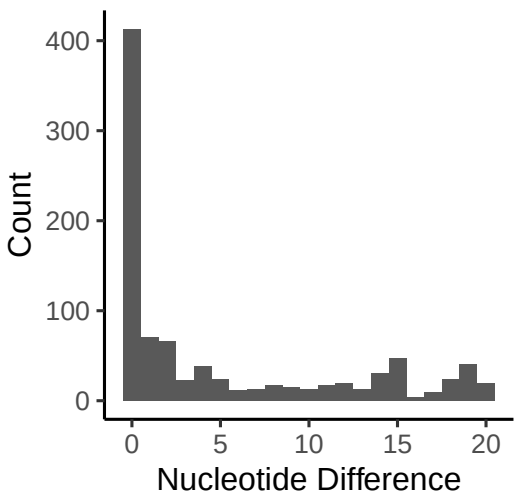
IGHV3−74*01_02

320 sequences assigned
139 (43.4%) exact matches, in which:
80 unique CDR3
6 unique J



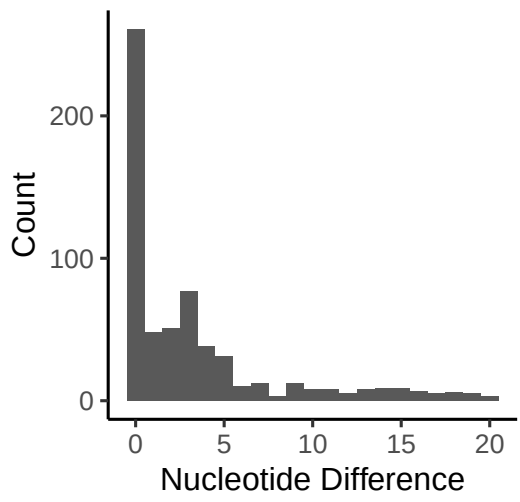
IGHV4−4*02_03

1003 sequences assigned
413 (41.2%) exact matches, in which:
332 unique CDR3
7 unique J



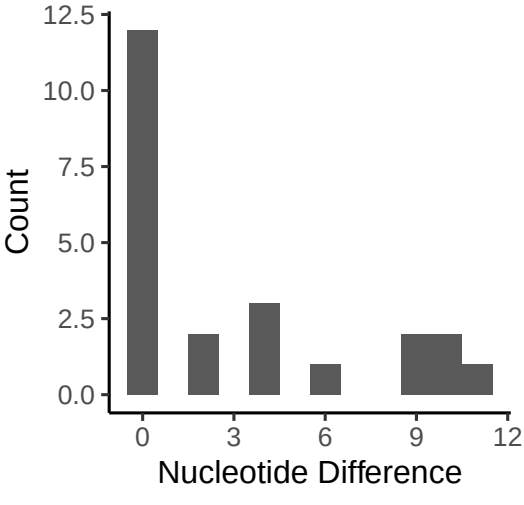
IGHV4−30−4*01

650 sequences assigned
261 (40.2%) exact matches, in which:
242 unique CDR3
7 unique J



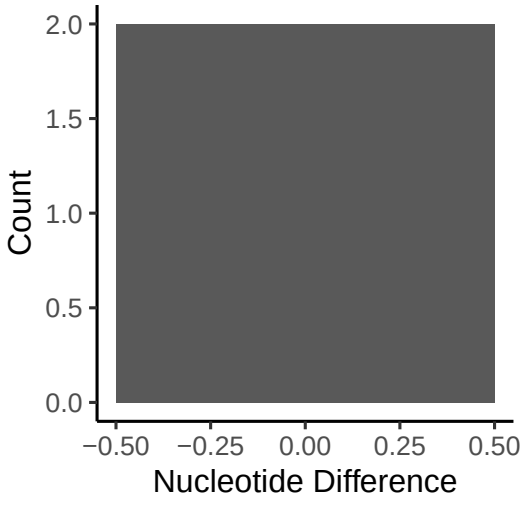
IGHV3−43D*04

23 sequences assigned
12 (52.2%) exact matches, in which:
7 unique CDR3
2 unique J



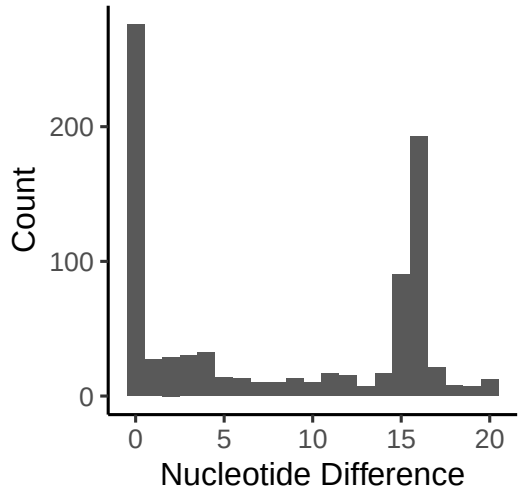
IGHV4−28*01_07

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



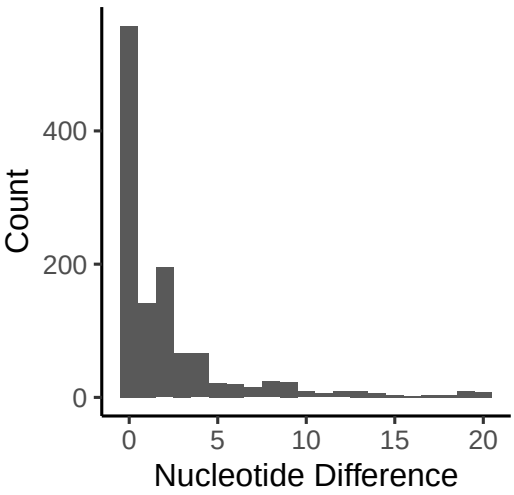
IGHV4−31*02

1044 sequences assigned
276 (26.4%) exact matches, in which:
256 unique CDR3
7 unique J



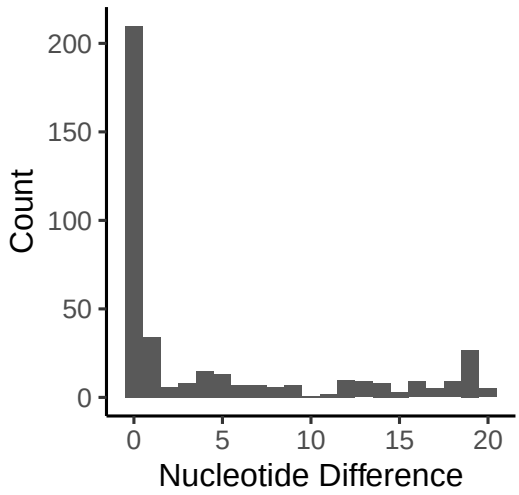
IGHV4−34*01_02

1787 sequences assigned
558 (31.2%) exact matches, in which:
409 unique CDR3
7 unique J



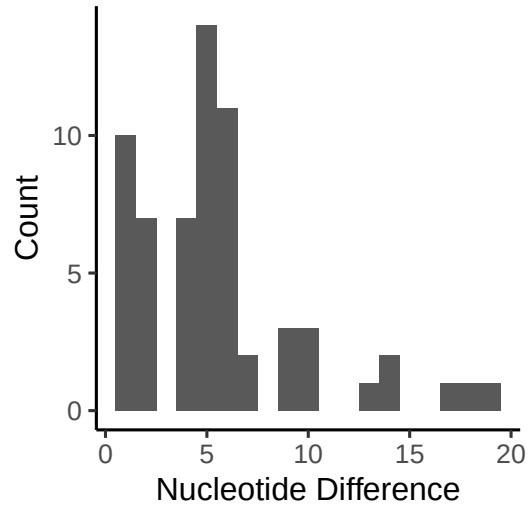
IGHV4−39*02_C258G

426 sequences assigned
210 (49.3%) exact matches, in which:
186 unique CDR3
7 unique J



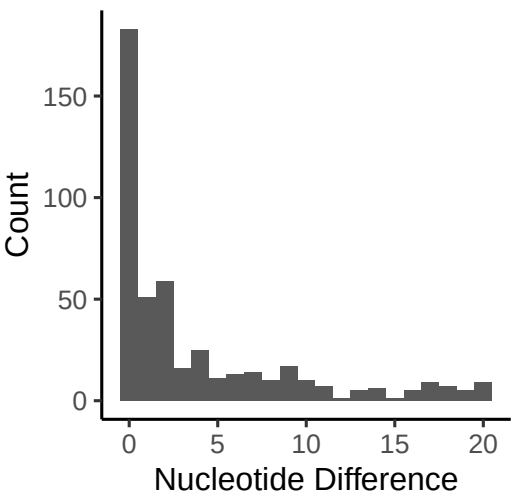
IGHV4−61*08

66 sequences assigned
No exact matches.



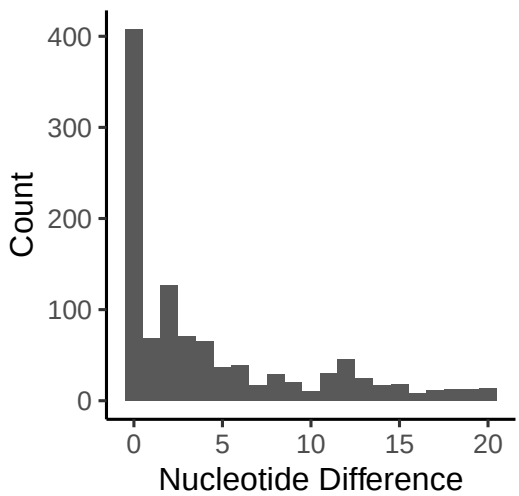
IGHV4−38−2*02_A70G

644 sequences assigned
183 (28.4%) exact matches, in which:
140 unique CDR3
6 unique J



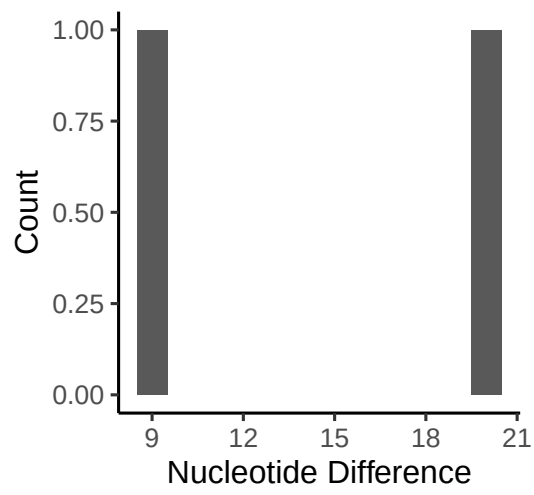
IGHV4−59*02_G88A

1221 sequences assigned
408 (33.4%) exact matches, in which:
385 unique CDR3
7 unique J



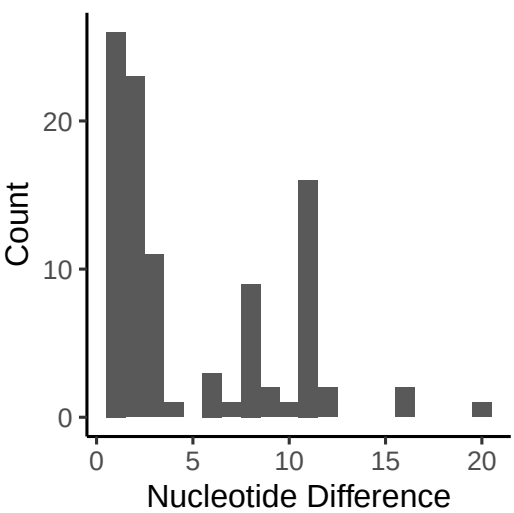
IGHV4/OR15−8*01

2 sequences assigned
No exact matches.



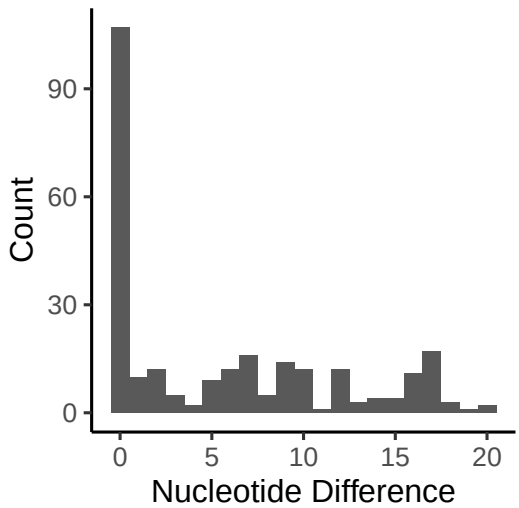
IGHV4−39*07

106 sequences assigned
No exact matches.



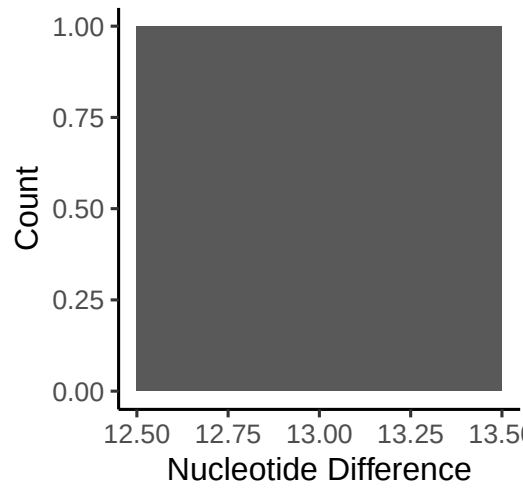
IGHV4−61*01

281 sequences assigned
107 (38.1%) exact matches, in which:
99 unique CDR3
6 unique J



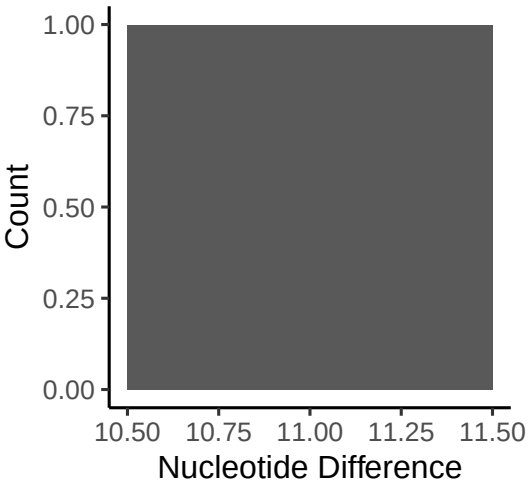
IGHV4/OR15−8*02

2 sequences assigned
No exact matches.



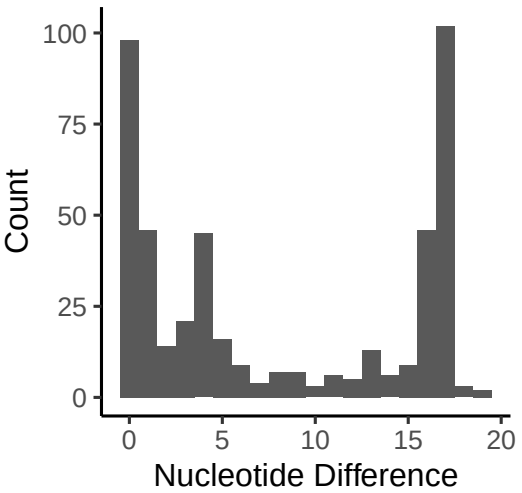
IGHV1/OR15−9*01

1 sequences assigned
No exact matches.



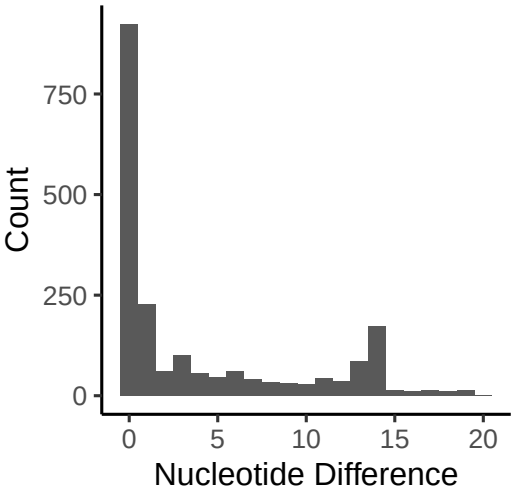
IGHV6−1*01_02

470 sequences assigned
98 (20.9%) exact matches, in which:
95 unique CDR3
6 unique J



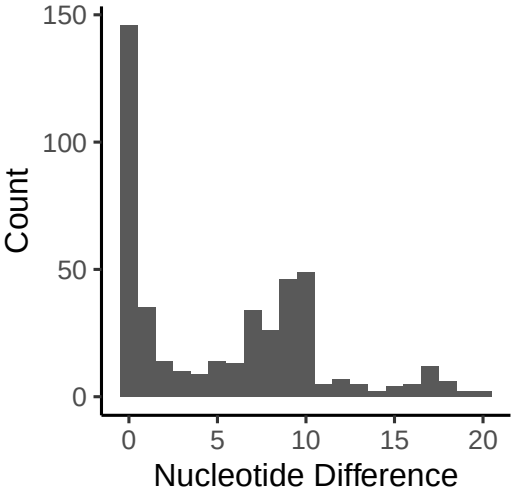
IGHV5−10−1*01_03

2020 sequences assigned
924 (45.7%) exact matches, in which:
588 unique CDR3
7 unique J



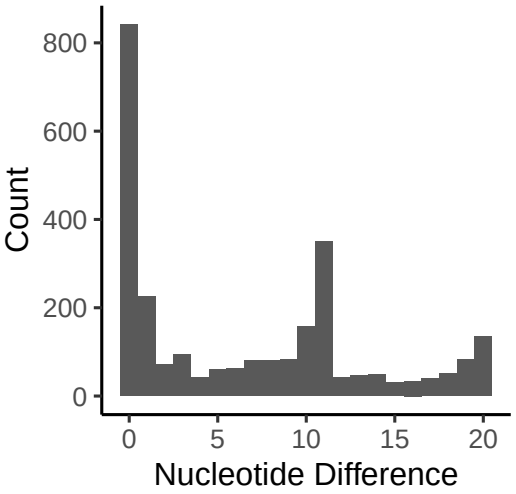
IGHV7−4−1*02

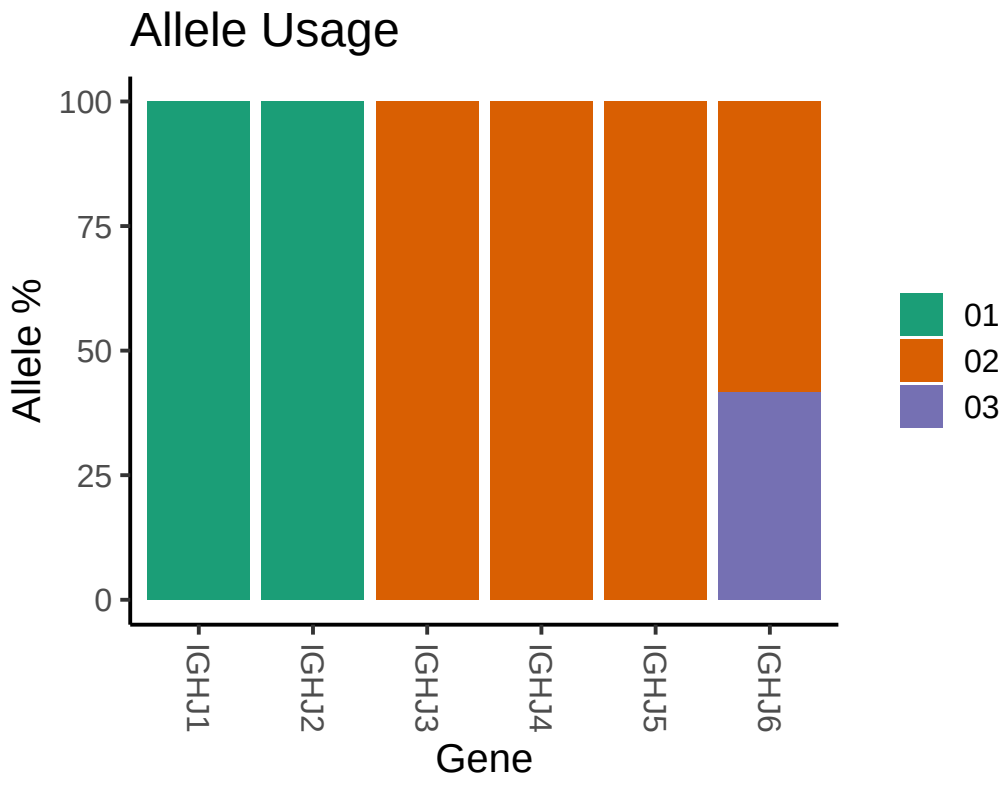
459 sequences assigned
146 (31.8%) exact matches, in which:
142 unique CDR3
6 unique J



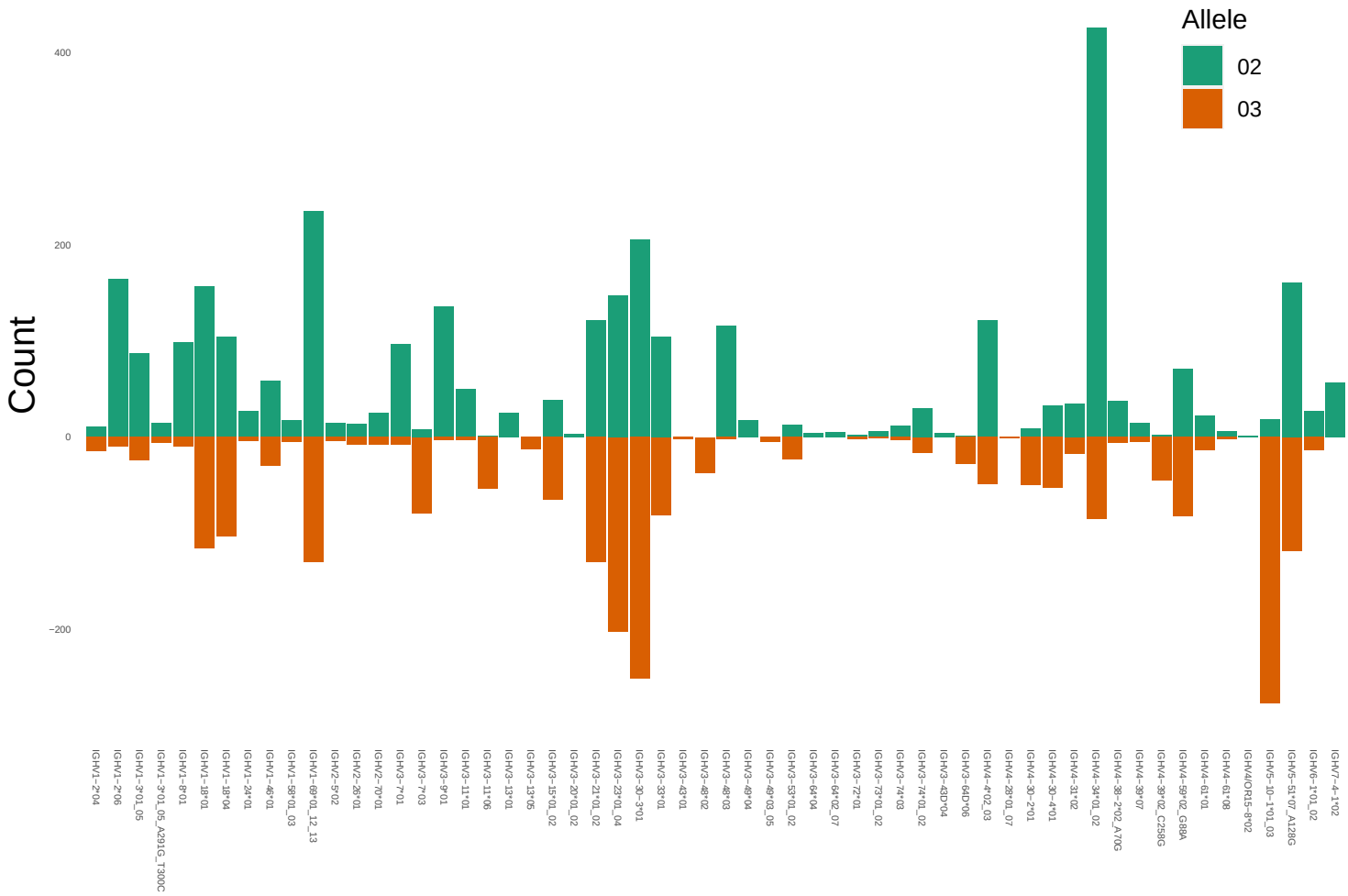
IGHV5−51*07_A128G

3146 sequences assigned
842 (26.8%) exact matches, in which:
545 unique CDR3
7 unique J




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.