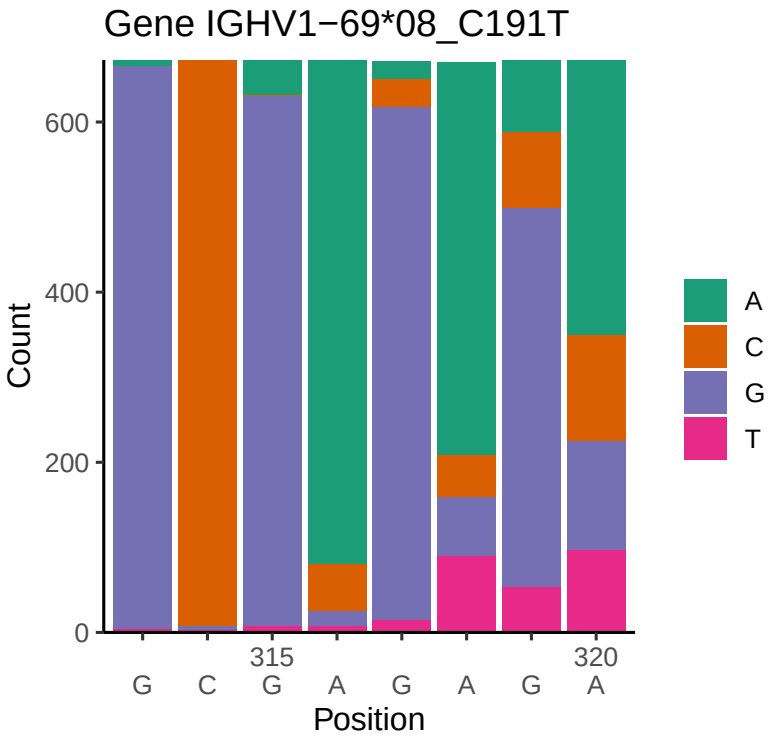
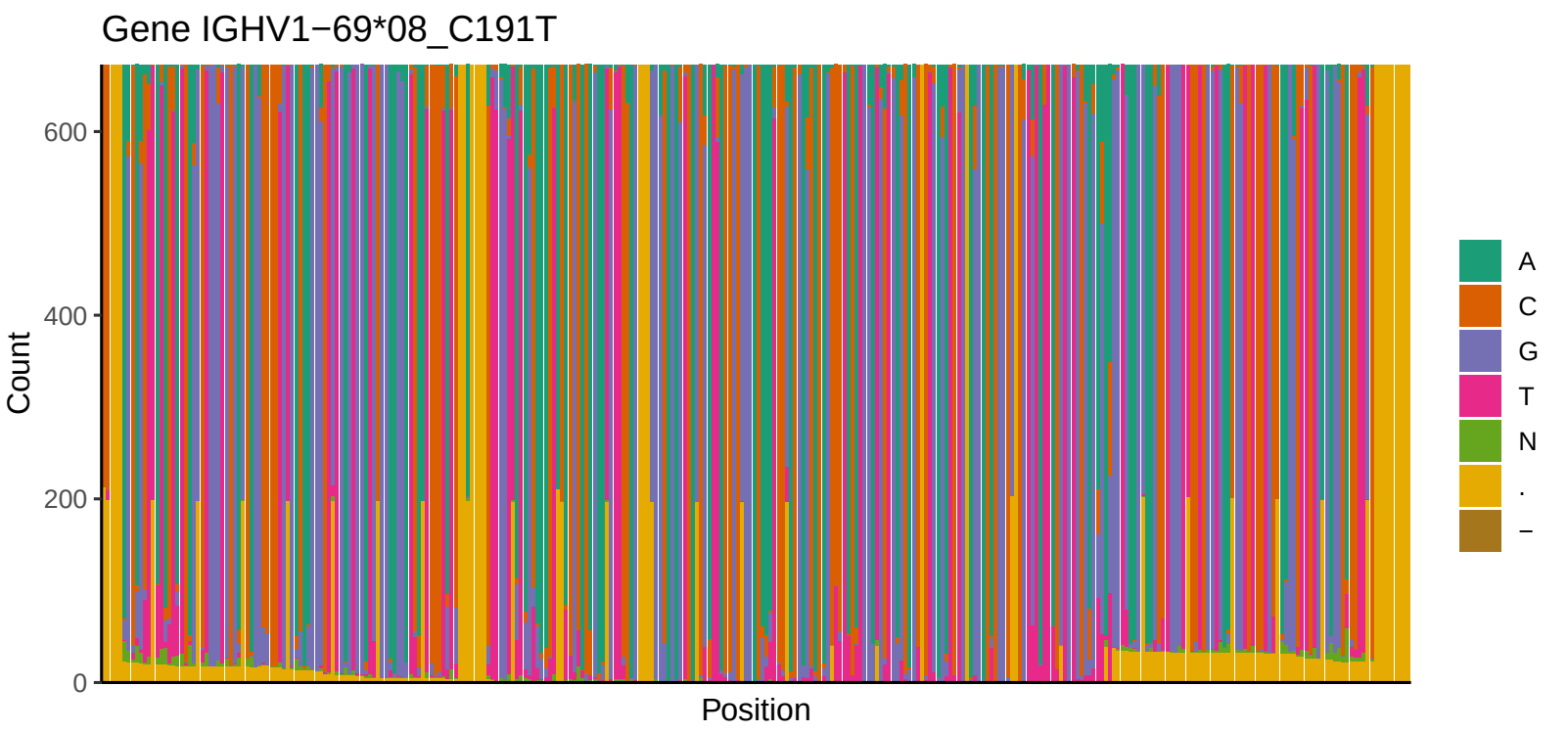
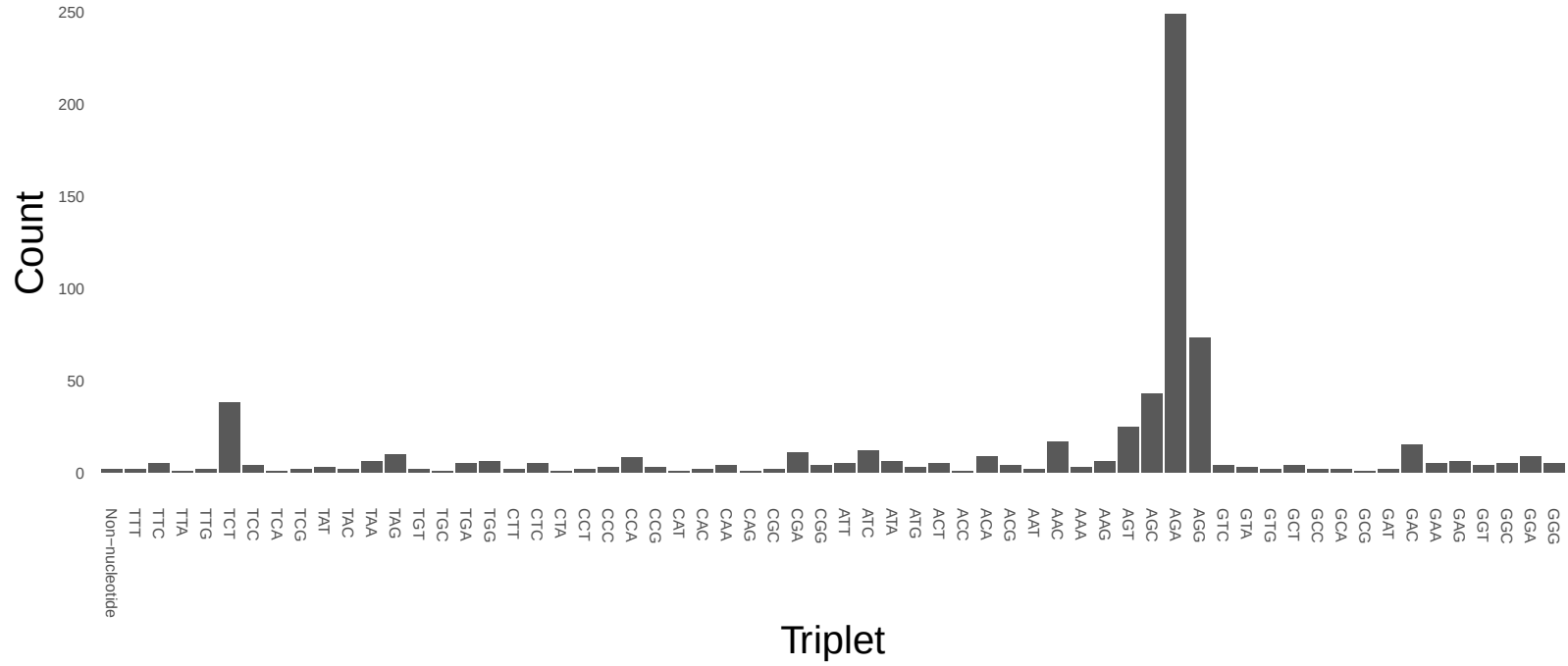

Gene IGHV1−69*08_C191T
Count
600
400
200
0
G
C
315
G
A
G
A
G
320
A
Position
A
C
G
T

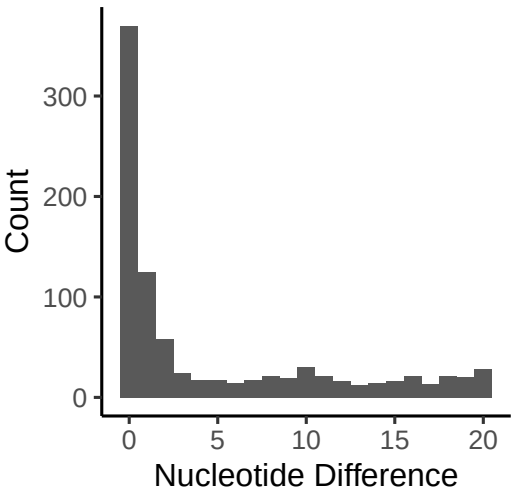

Gene IGHV1−69*08_C191T
Count
600
400
200
0
Position
A
C
G
T
N
.
–

IGHV1−69*08_C191T− Final 3 nucleotides as a triplet



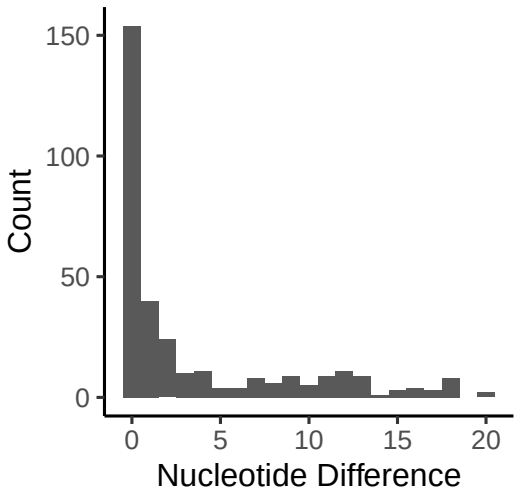
IGHV1−2*02

1184 sequences assigned
370 (31.2%) exact matches, in which:
356 unique CDR3
6 unique J



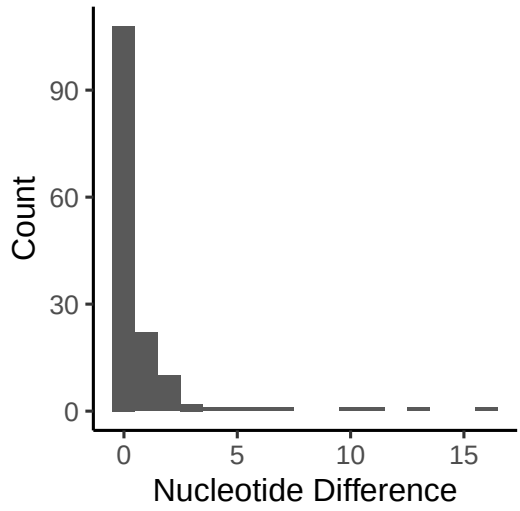
IGHV1−8*01

349 sequences assigned
154 (44.1%) exact matches, in which:
142 unique CDR3
7 unique J



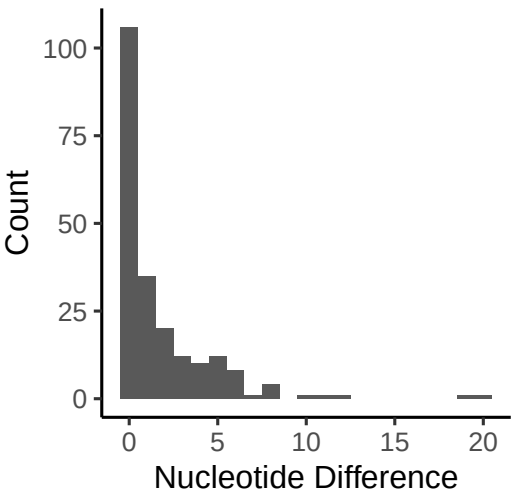
IGHV1−24*01

163 sequences assigned
108 (66.3%) exact matches, in which:
105 unique CDR3
7 unique J



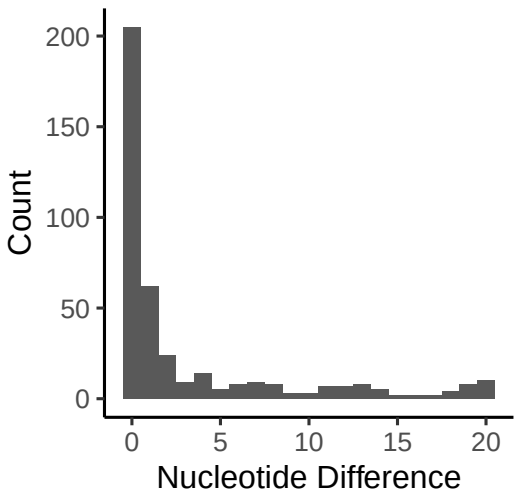
IGHV1−2*04

243 sequences assigned
106 (43.6%) exact matches, in which:
99 unique CDR3
6 unique J



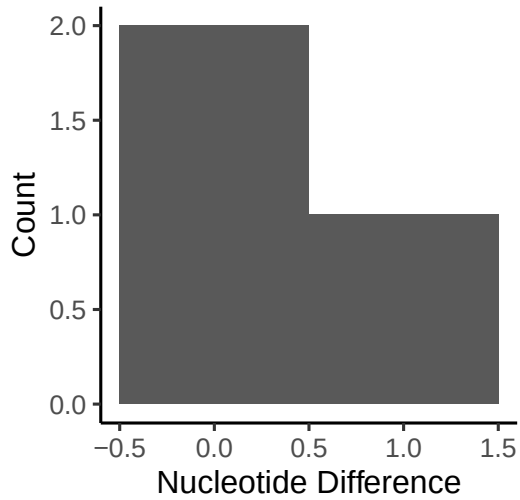
IGHV1−18*01

492 sequences assigned
205 (41.7%) exact matches, in which:
200 unique CDR3
6 unique J



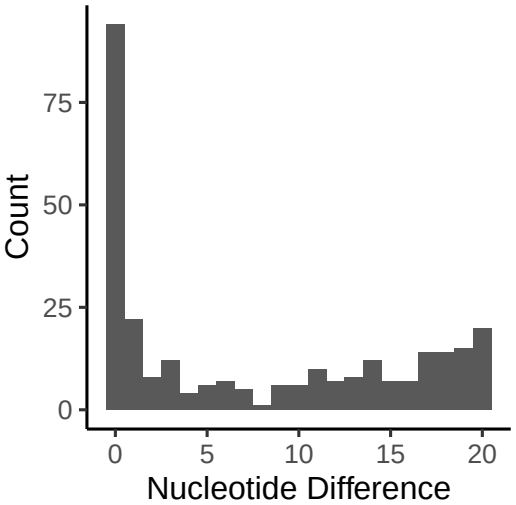
IGHV1−45*02

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
1 unique J



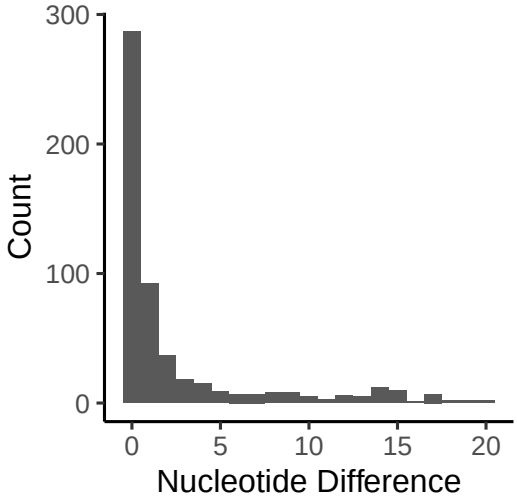
IGHV1−3*01

448 sequences assigned
94 (21%) exact matches, in which:
92 unique CDR3
7 unique J



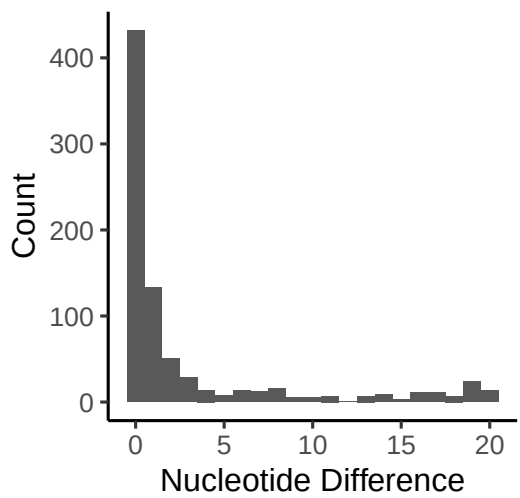
IGHV1−18*04

619 sequences assigned
287 (46.4%) exact matches, in which:
268 unique CDR3
6 unique J



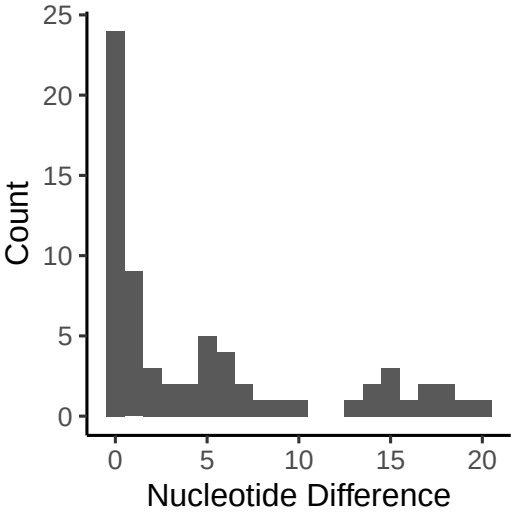
IGHV1−46*01

1222 sequences assigned
432 (35.4%) exact matches, in which:
397 unique CDR3
7 unique J



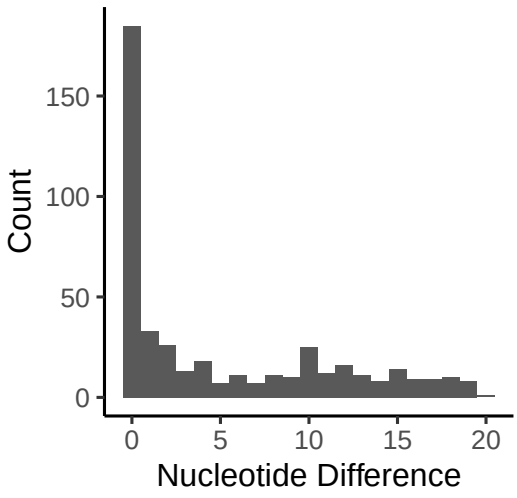
IGHV1−58*01

81 sequences assigned
24 (29.6%) exact matches, in which:
21 unique CDR3
4 unique J



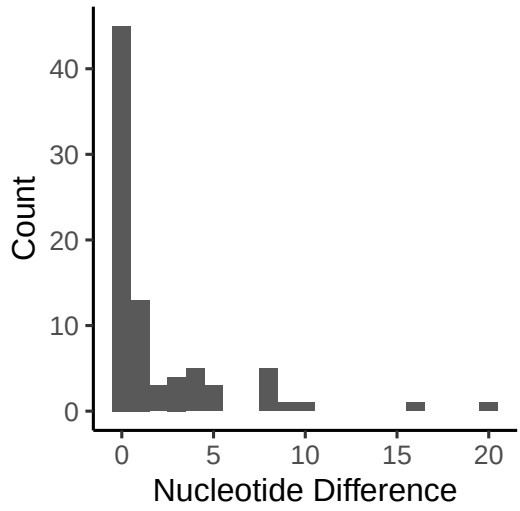
IGHV2−5*01

547 sequences assigned
185 (33.8%) exact matches, in which:
176 unique CDR3
6 unique J



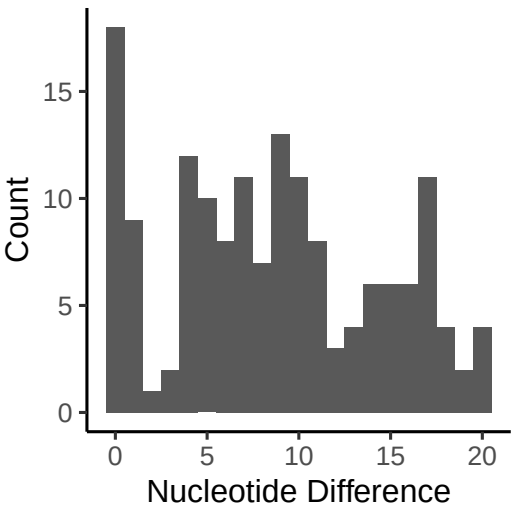
IGHV2−70*01

82 sequences assigned
45 (54.9%) exact matches, in which:
44 unique CDR3
4 unique J



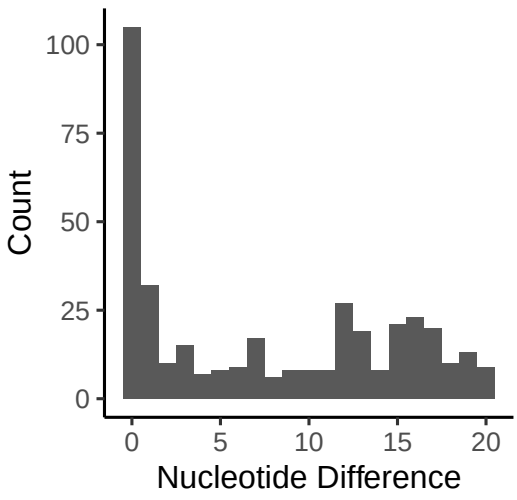
IGHV1−58*02

193 sequences assigned
18 (9.3%) exact matches, in which:
18 unique CDR3
4 unique J



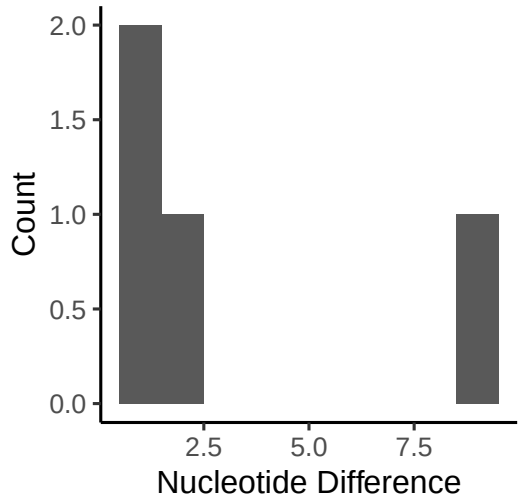
IGHV2−5*02

548 sequences assigned
105 (19.2%) exact matches, in which:
99 unique CDR3
6 unique J



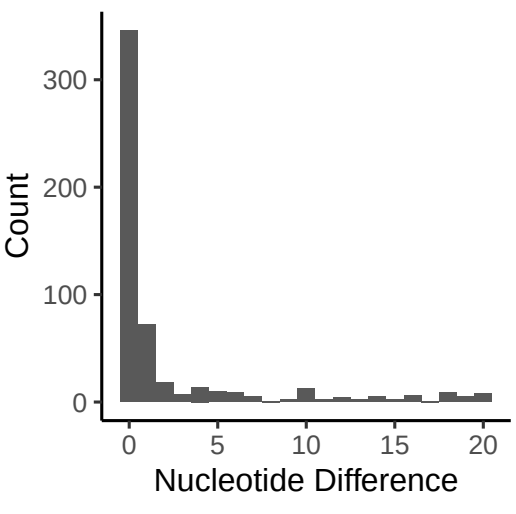
IGHV2−70D*04

4 sequences assigned
No exact matches.



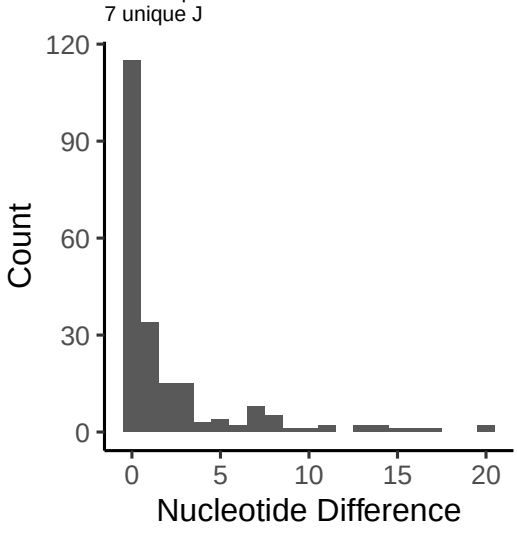
IGHV1−69*08_C191T

673 sequences assigned
346 (51.4%) exact matches, in which:
323 unique CDR3
6 unique J



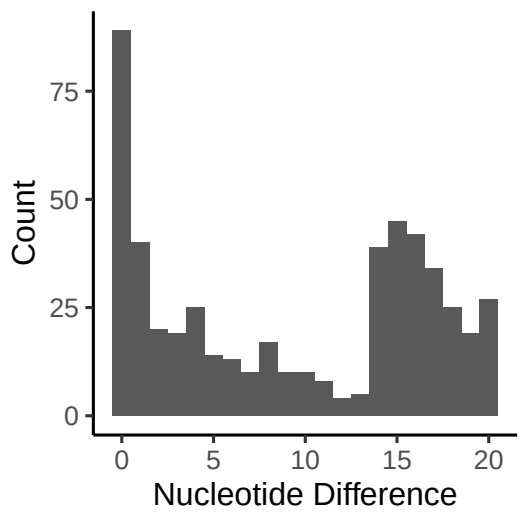
IGHV2−26*01

226 sequences assigned
115 (50.9%) exact matches, in which:
105 unique CDR3
7 unique J



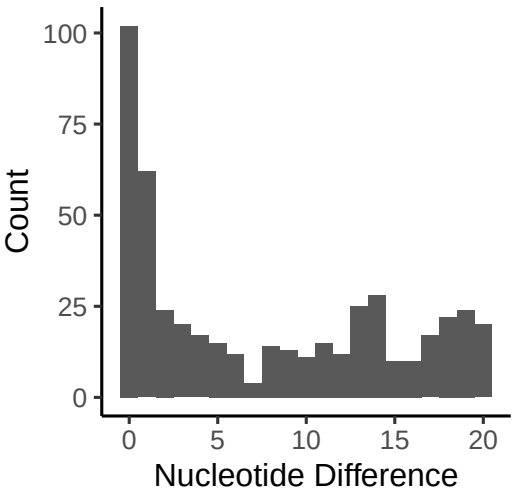
IGHV3−7*01

735 sequences assigned
89 (12.1%) exact matches, in which:
84 unique CDR3
6 unique J



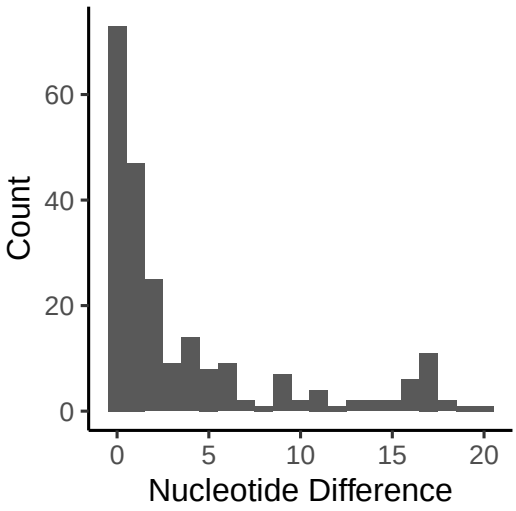
IGHV3−7*03

733 sequences assigned
102 (13.9%) exact matches, in which:
100 unique CDR3
6 unique J



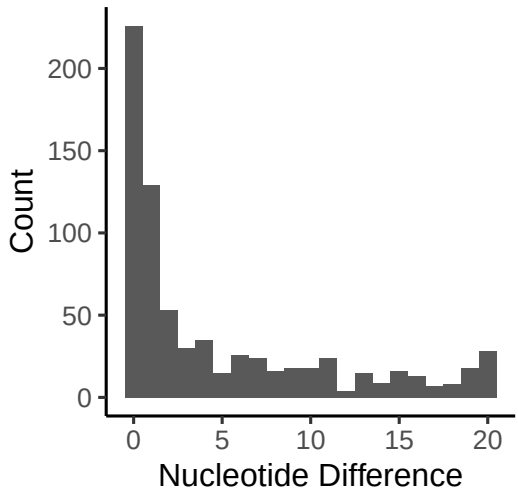
IGHV3−11*06

280 sequences assigned
73 (26.1%) exact matches, in which:
66 unique CDR3
5 unique J



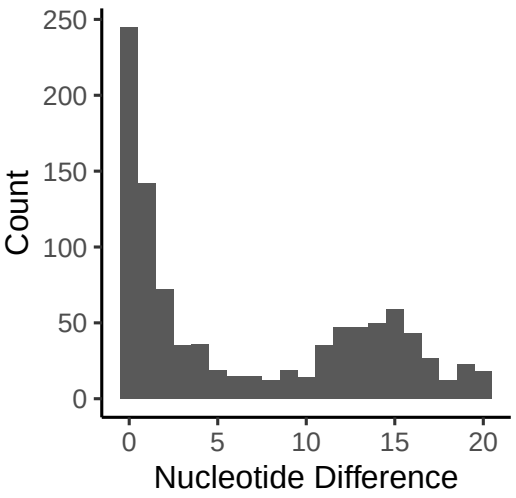
IGHV3−15*01

1012 sequences assigned
226 (22.3%) exact matches, in which:
222 unique CDR3
7 unique J



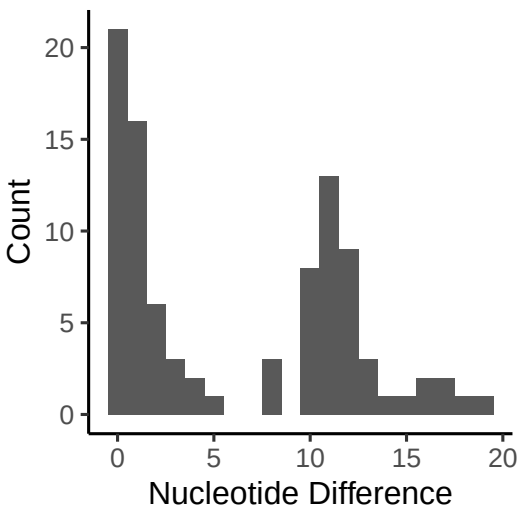
IGHV3−9*01

1205 sequences assigned
245 (20.3%) exact matches, in which:
231 unique CDR3
6 unique J



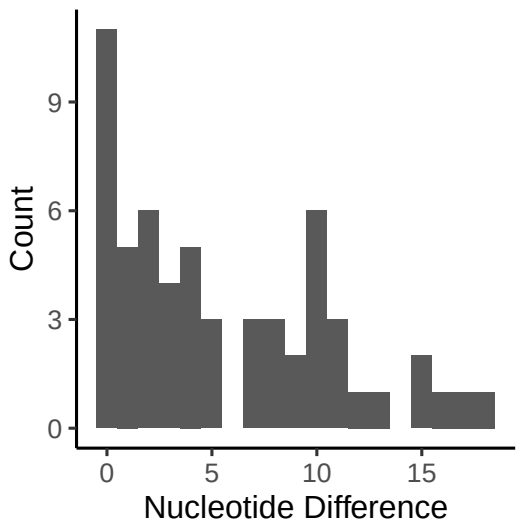
IGHV3−13*01

99 sequences assigned
21 (21.2%) exact matches, in which:
21 unique CDR3
4 unique J



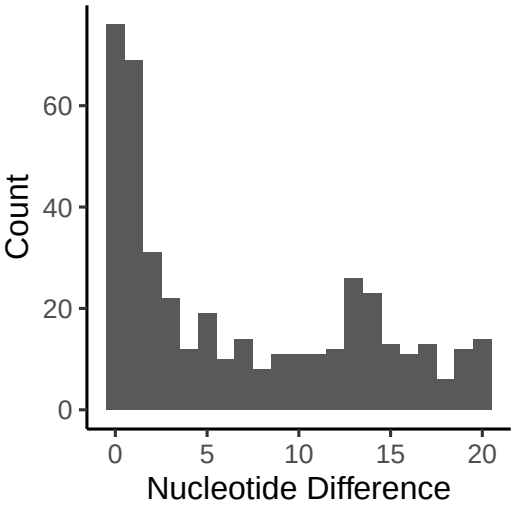
IGHV3−20*01

61 sequences assigned
11 (18%) exact matches, in which:
9 unique CDR3
3 unique J



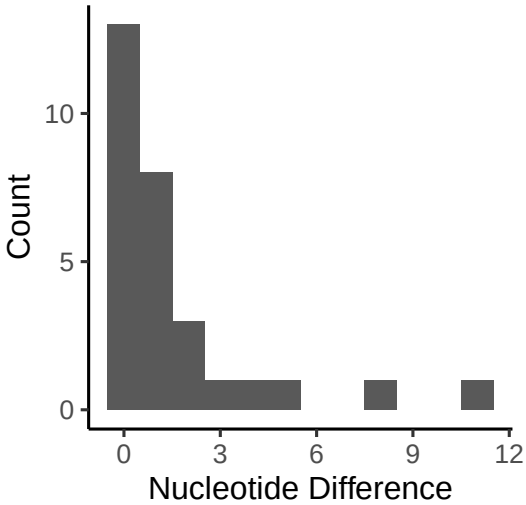
IGHV3−11*01

565 sequences assigned
76 (13.5%) exact matches, in which:
75 unique CDR3
5 unique J



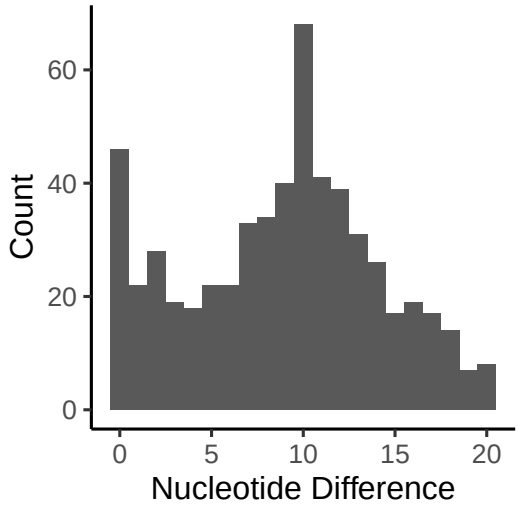
IGHV3−13*05

29 sequences assigned
13 (44.8%) exact matches, in which:
13 unique CDR3
4 unique J



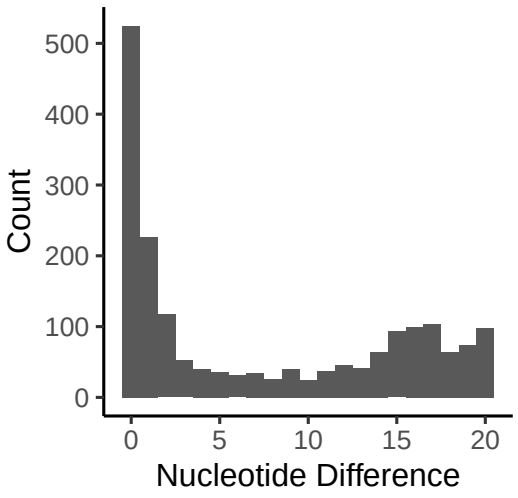
IGHV3−20*04

605 sequences assigned
46 (7.6%) exact matches, in which:
46 unique CDR3
5 unique J



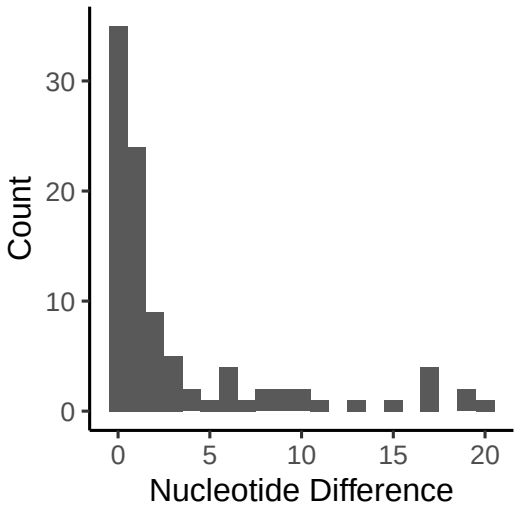
IGHV3−21*01

3920 sequences assigned
525 (13.4%) exact matches, in which:
497 unique CDR3
7 unique J



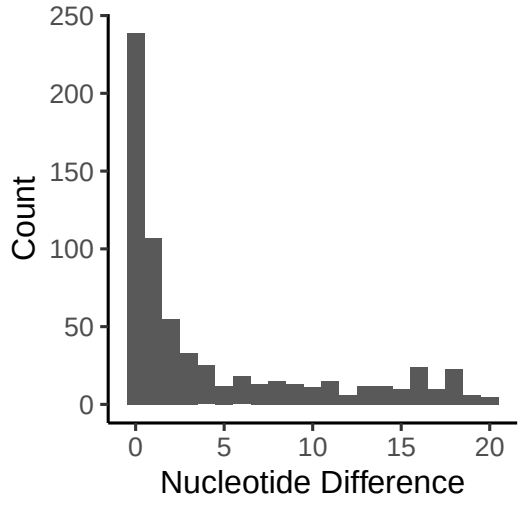
IGHV3−43*01

119 sequences assigned
35 (29.4%) exact matches, in which:
33 unique CDR3
7 unique J



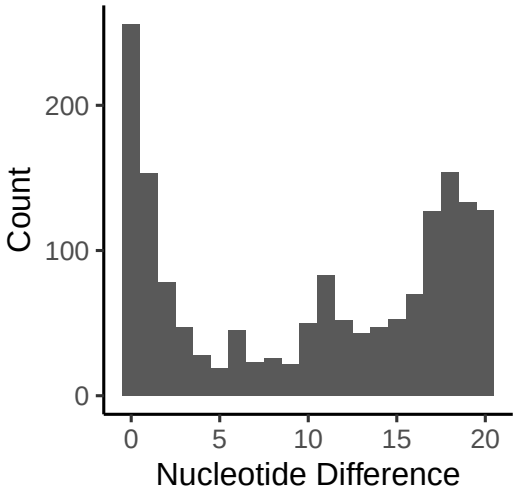
IGHV3−53*01

878 sequences assigned
239 (27.2%) exact matches, in which:
219 unique CDR3
7 unique J



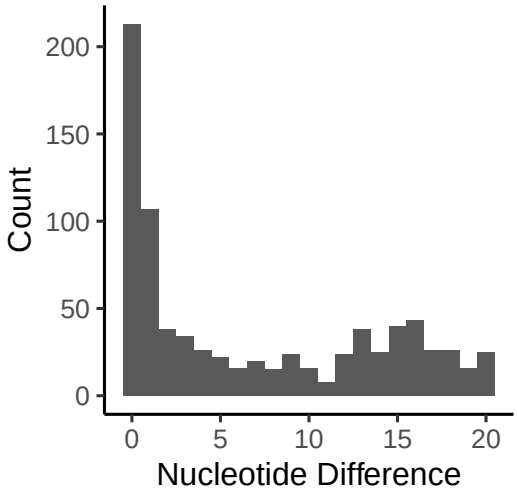
IGHV3−30−3*01

2145 sequences assigned
256 (11.9%) exact matches, in which:
243 unique CDR3
6 unique J



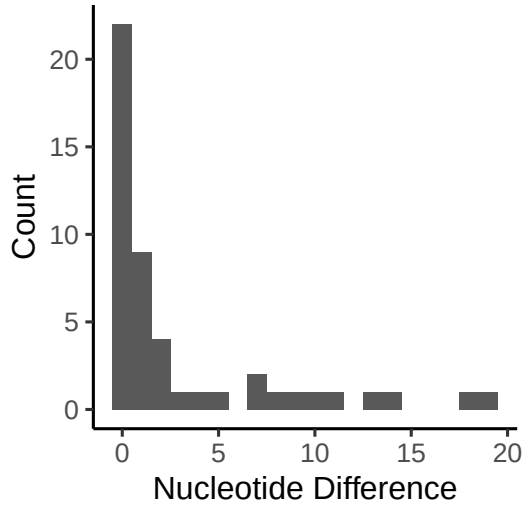
IGHV3−48*02

1034 sequences assigned
213 (20.6%) exact matches, in which:
205 unique CDR3
7 unique J



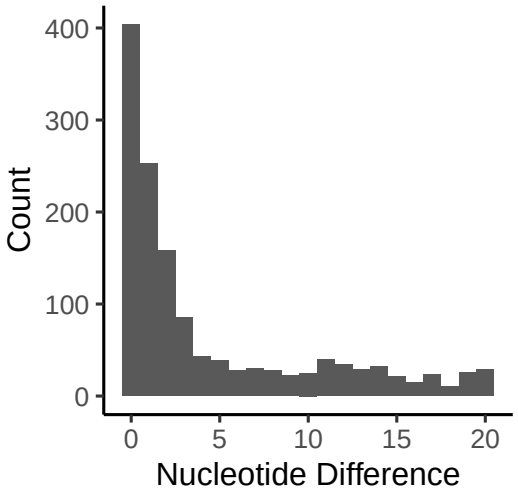
IGHV3−64*01

60 sequences assigned
22 (36.7%) exact matches, in which:
22 unique CDR3
5 unique J



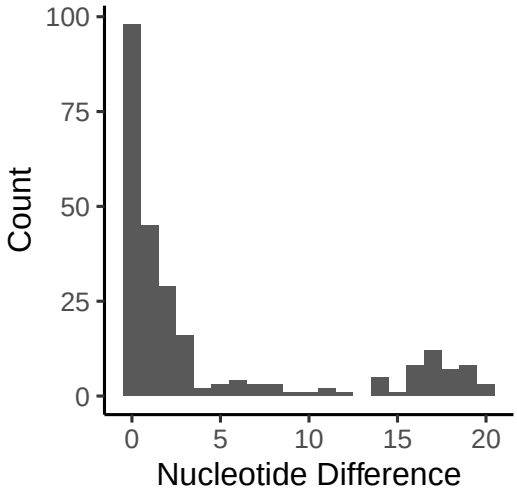
IGHV3−33*01

1692 sequences assigned
404 (23.9%) exact matches, in which:
389 unique CDR3
7 unique J



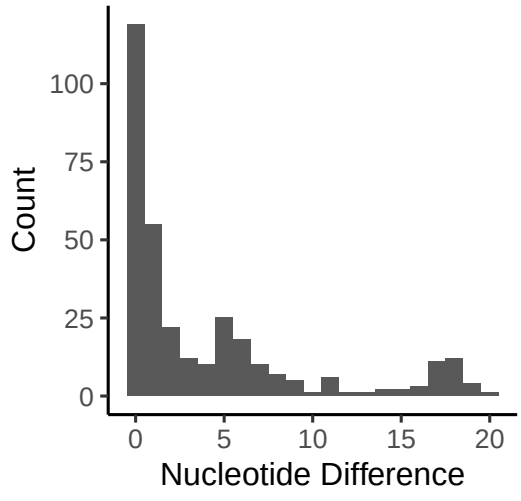
IGHV3−49*05

347 sequences assigned
98 (28.2%) exact matches, in which:
94 unique CDR3
7 unique J



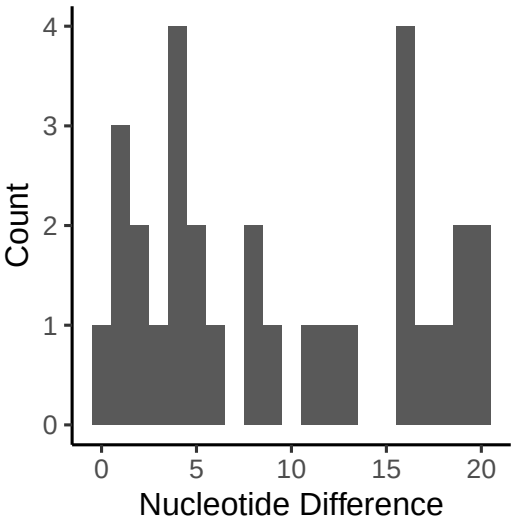
IGHV3−66*02

353 sequences assigned
119 (33.7%) exact matches, in which:
108 unique CDR3
5 unique J



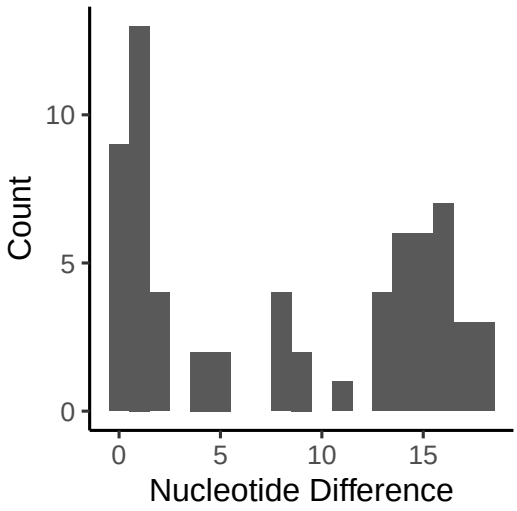
IGHV3−69−1*02

48 sequences assigned
1 (2.1%) exact matches, in which:
1 unique CDR3
1 unique J



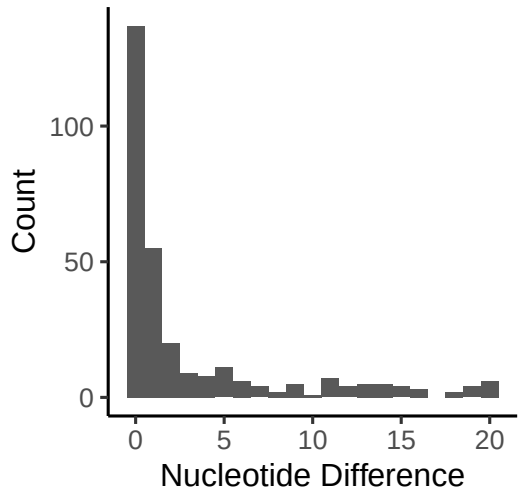
IGHV3−73*02

80 sequences assigned
9 (11.2%) exact matches, in which:
8 unique CDR3
3 unique J



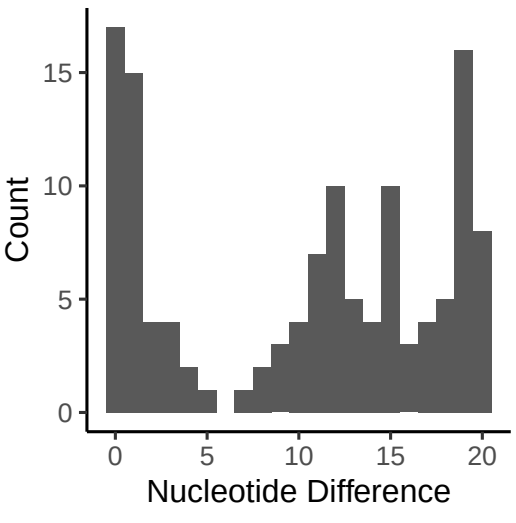
IGHV4−4*02

389 sequences assigned
137 (35.2%) exact matches, in which:
127 unique CDR3
6 unique J



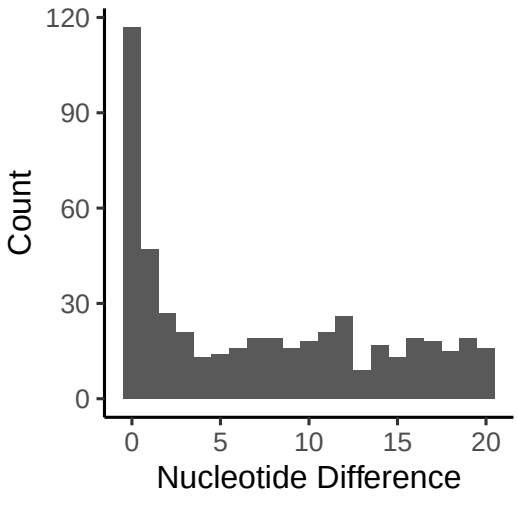
IGHV3−72*01

214 sequences assigned
17 (7.9%) exact matches, in which:
17 unique CDR3
4 unique J



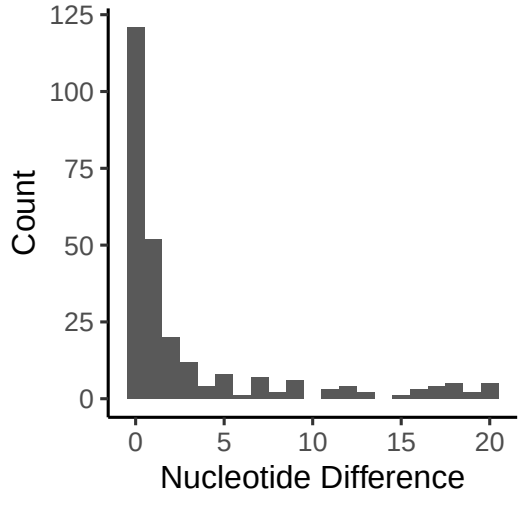
IGHV3−74*01

777 sequences assigned
117 (15.1%) exact matches, in which:
111 unique CDR3
7 unique J



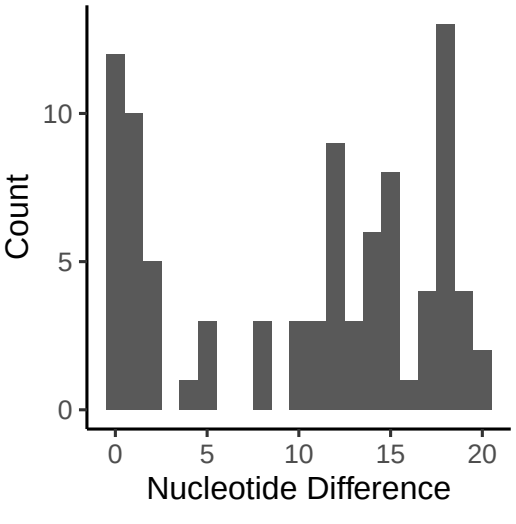
IGHV4−4*07

328 sequences assigned
121 (36.9%) exact matches, in which:
119 unique CDR3
5 unique J



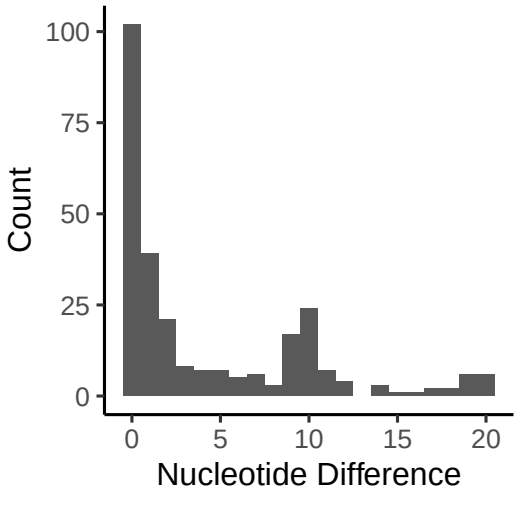
IGHV3−73*01

107 sequences assigned
12 (11.2%) exact matches, in which:
11 unique CDR3
4 unique J



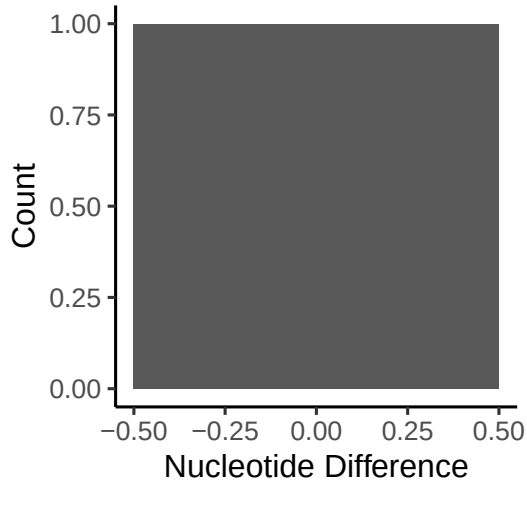
IGHV3−64D*09

380 sequences assigned
102 (26.8%) exact matches, in which:
99 unique CDR3
5 unique J



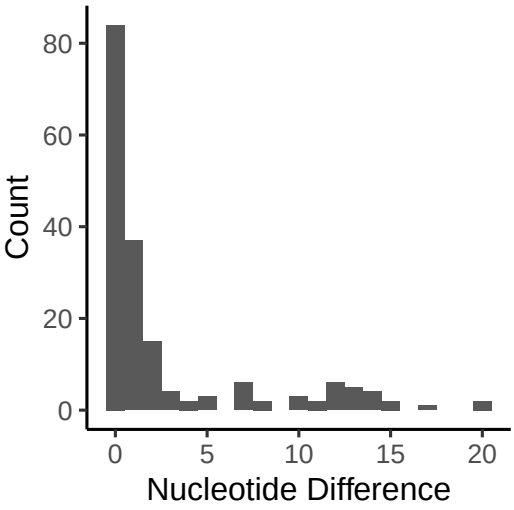
IGHV4−28*01

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



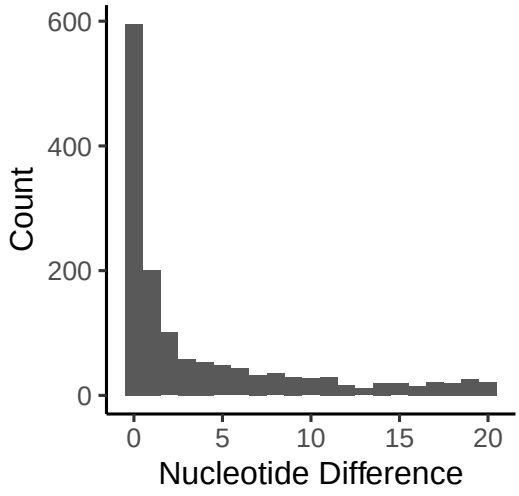
IGHV4−30−4*01

241 sequences assigned
84 (34.9%) exact matches, in which:
79 unique CDR3
6 unique J



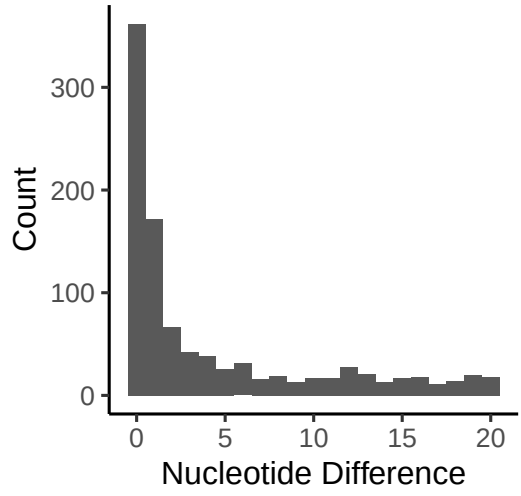
IGHV4−34*01

1804 sequences assigned
596 (33%) exact matches, in which:
564 unique CDR3
7 unique J



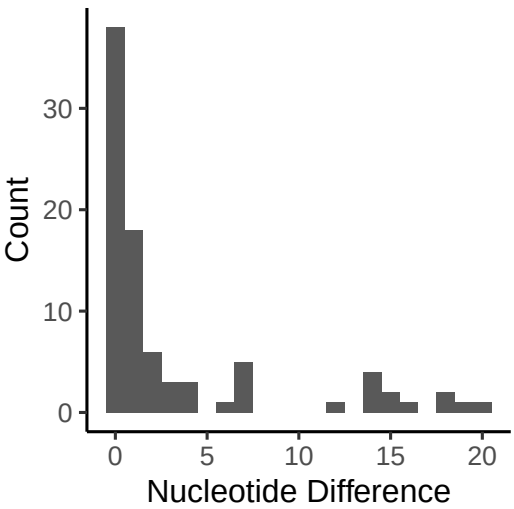
IGHV4−59*01

1199 sequences assigned
362 (30.2%) exact matches, in which:
348 unique CDR3
7 unique J



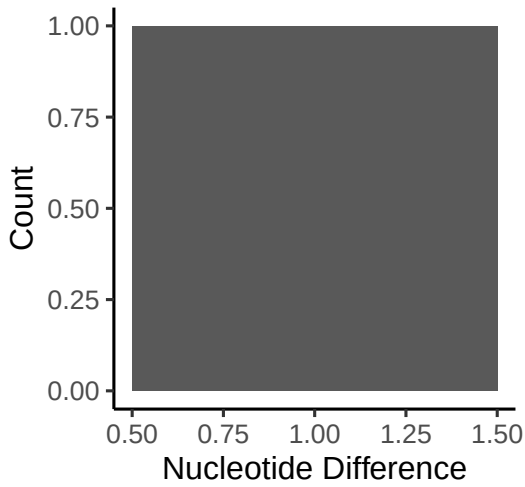
IGHV4−30−2*01

112 sequences assigned
38 (33.9%) exact matches, in which:
36 unique CDR3
5 unique J



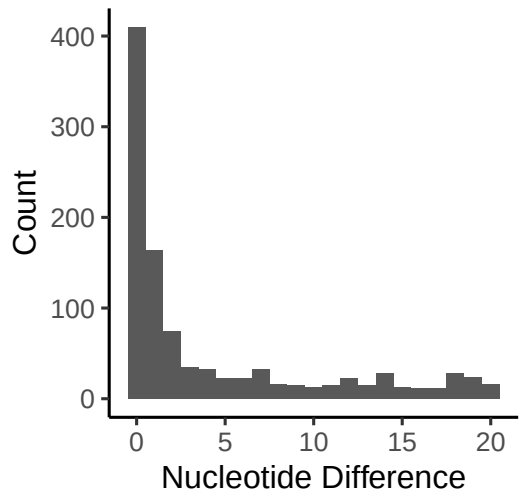
IGHV4−38−2*02

2 sequences assigned
No exact matches.



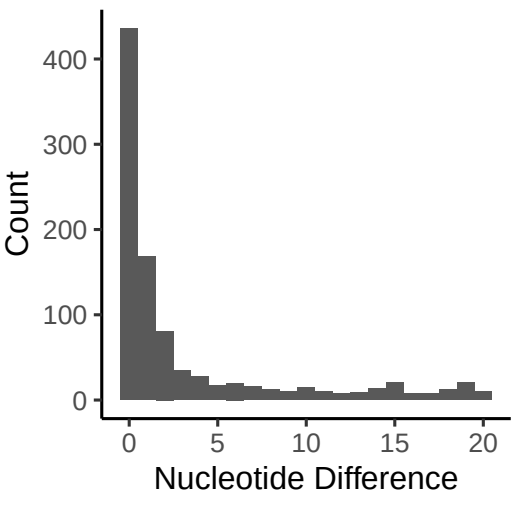
IGHV4−61*02

1394 sequences assigned
410 (29.4%) exact matches, in which:
389 unique CDR3
7 unique J



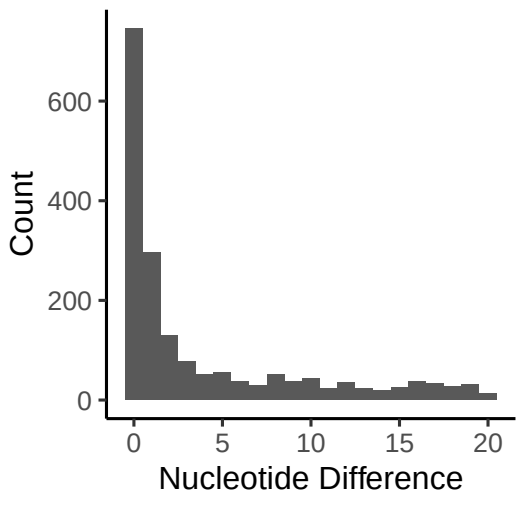
IGHV4−31*03

1359 sequences assigned
436 (32.1%) exact matches, in which:
406 unique CDR3
7 unique J



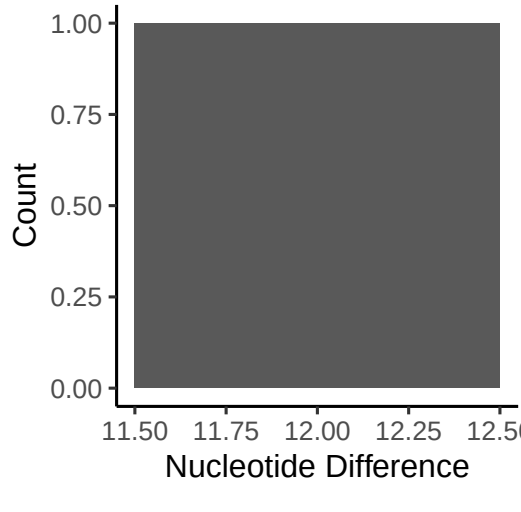
IGHV4−39*01

2512 sequences assigned
746 (29.7%) exact matches, in which:
691 unique CDR3
7 unique J



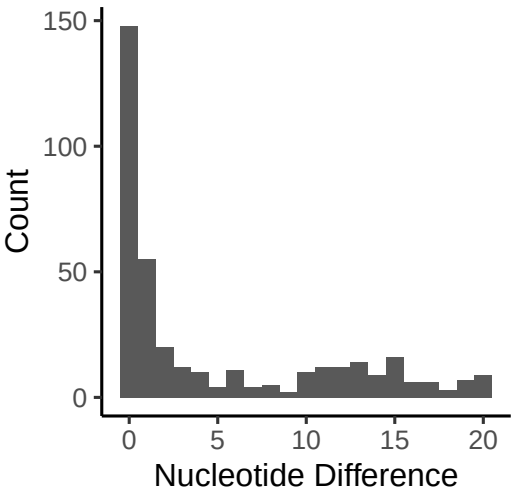
IGHV4/OR15−8*02

3 sequences assigned
No exact matches.



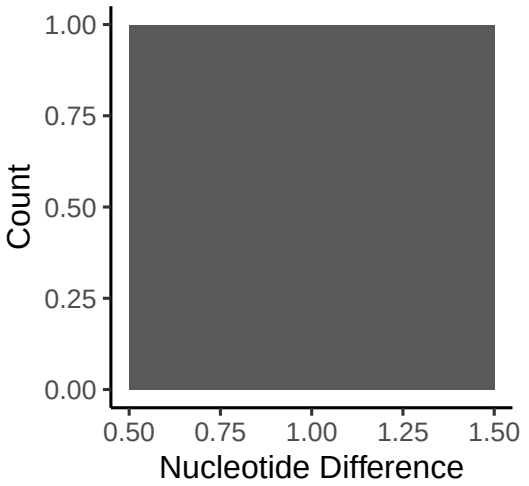
IGHV5−10−1*03

575 sequences assigned
148 (25.7%) exact matches, in which:
143 unique CDR3
6 unique J



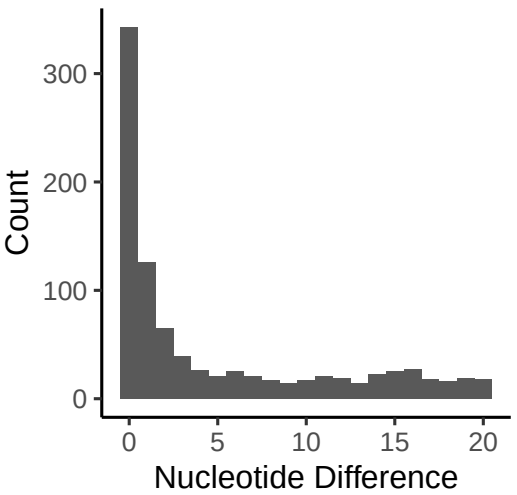
IGHV3/OR16−12*01

1 sequences assigned
No exact matches.



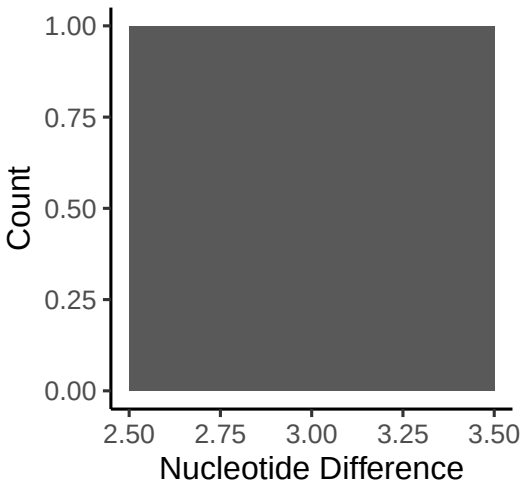
IGHV5−51*01

1378 sequences assigned
343 (24.9%) exact matches, in which:
325 unique CDR3
7 unique J



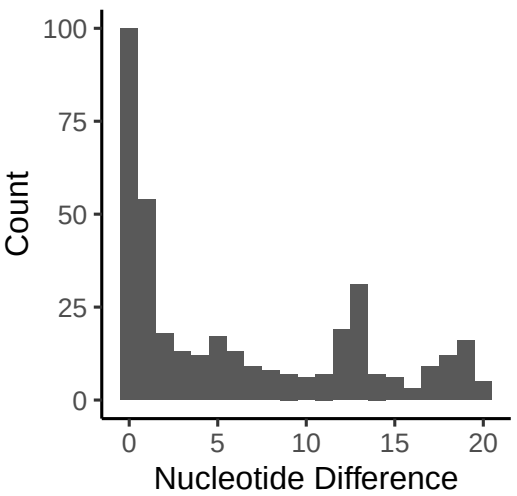
IGHV7−4−1*01

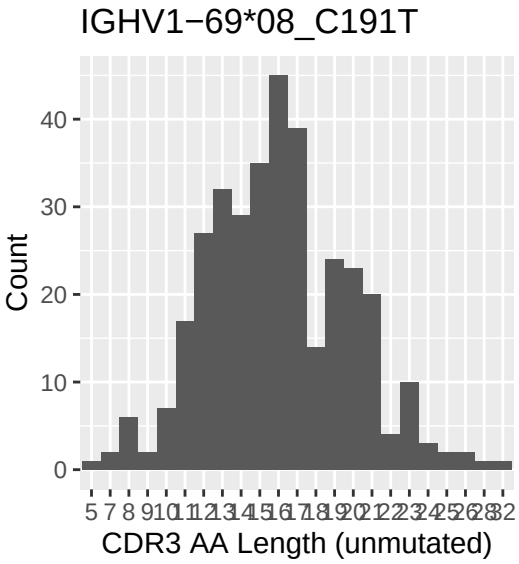
1 sequences assigned
No exact matches.

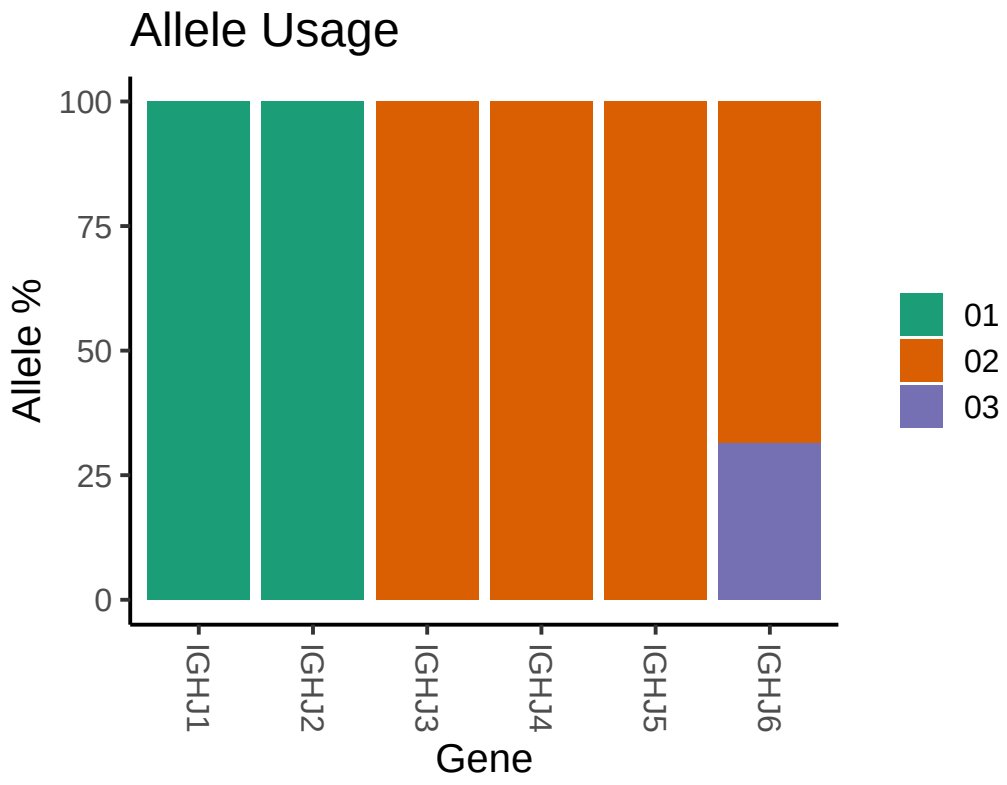


IGHV6−1*01

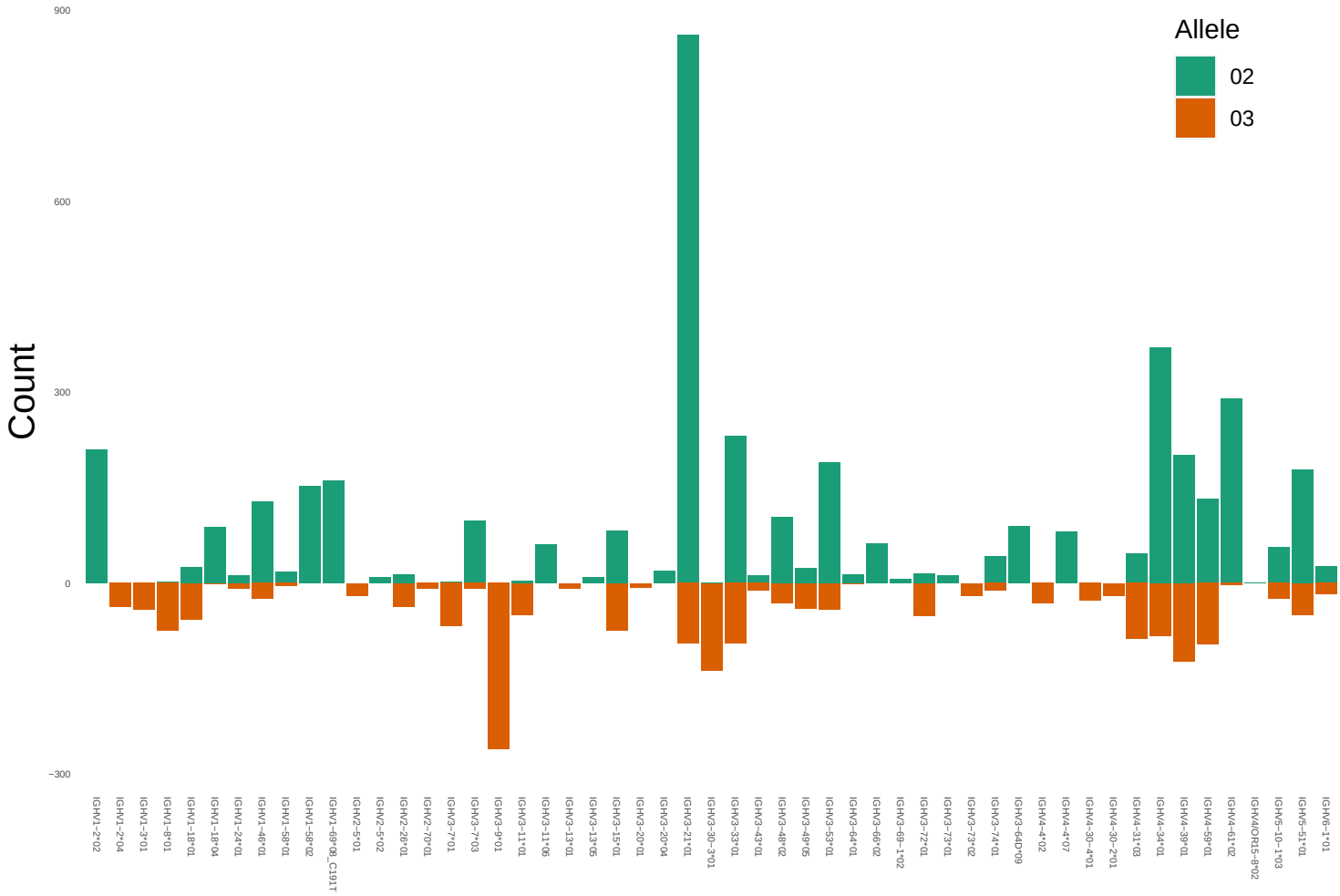
404 sequences assigned
100 (24.8%) exact matches, in which:
96 unique CDR3
7 unique J




IGHV1−69*08_C191T
Count
0
10
20
30
40
5 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 28 32
CDR3 AA Length (unmutated)


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.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.