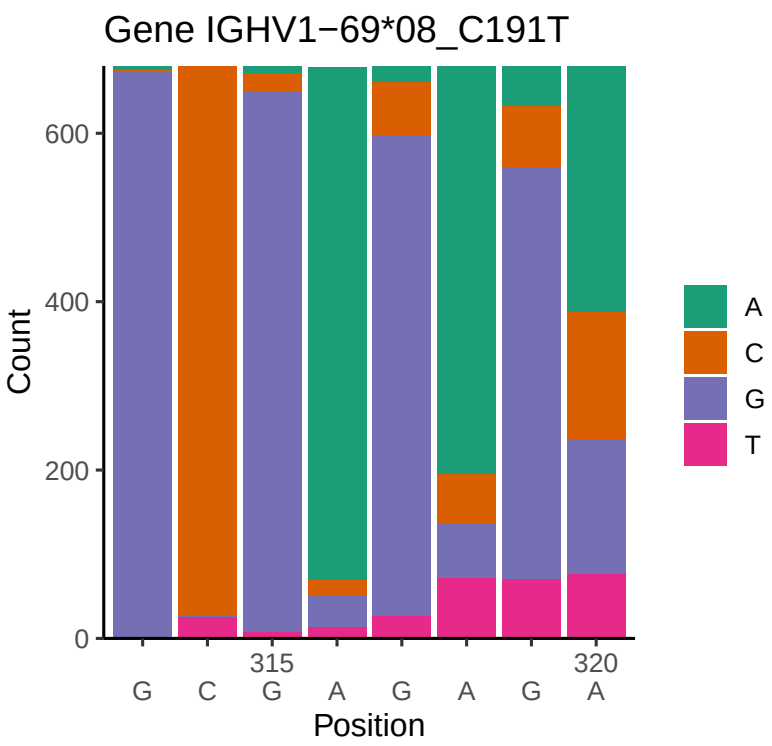
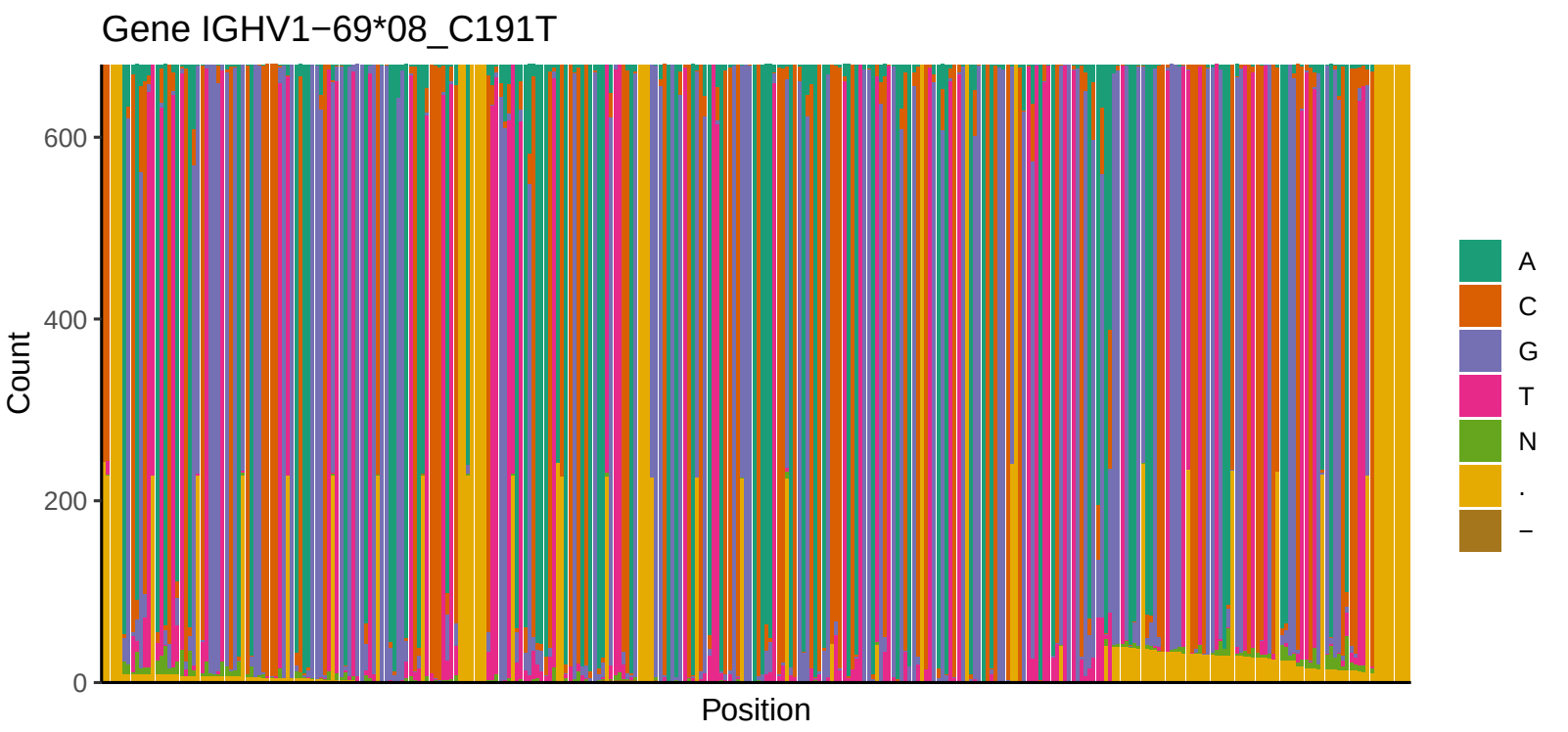
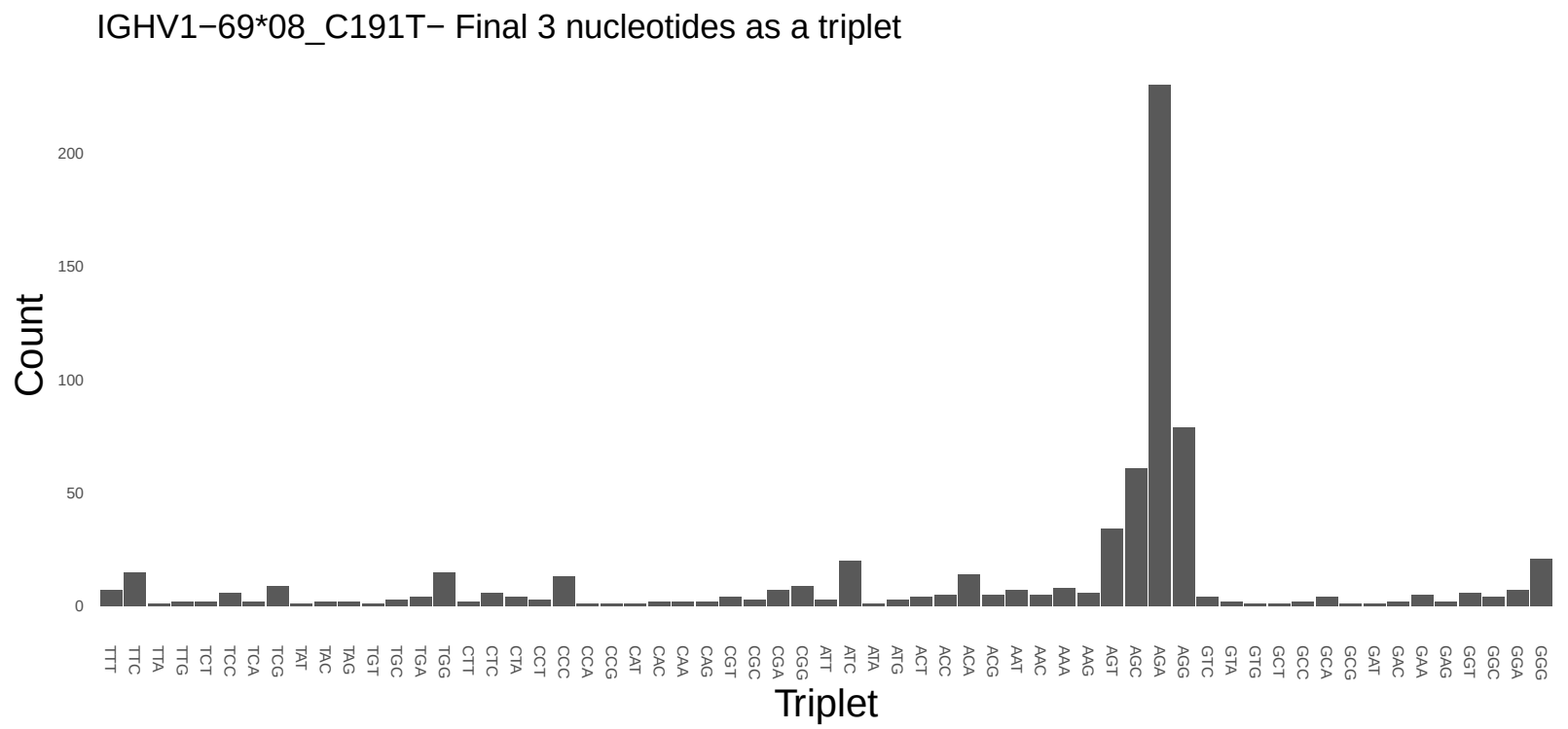
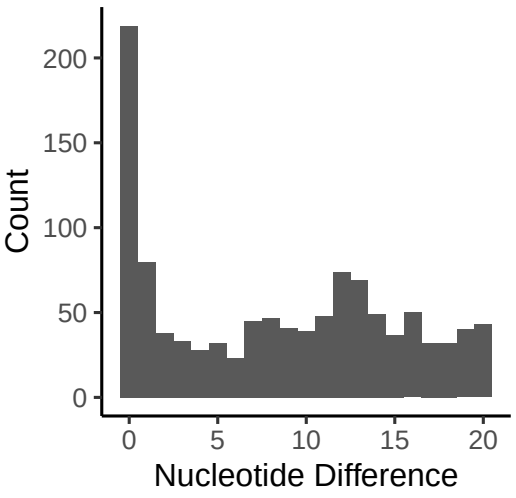

Gene IGHV1−69*08_C191T
Count
600
400
200
0
G
C
315
G
A
G
A
G
320
A
Position
A
C
G
T


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
Count
200
150
100
50
0
TTT TTC TTA TTG TCT TCC TCA TCG TAT TAC TAG TGT TGC TGA TGG CTT CTC CTA CCT CCC CCA CCG CAT CAC CAA CAG CGT CGC CGA CGG ATT ATC ATA ATG ACT ACC ACA ACG AAT AAC AAA AAG AGT AGC AGA AGG GTC GTA GTG GCT GCC GCA GCG GAT GAC GAA GAG GGT GGC GGA GGG
Triplet

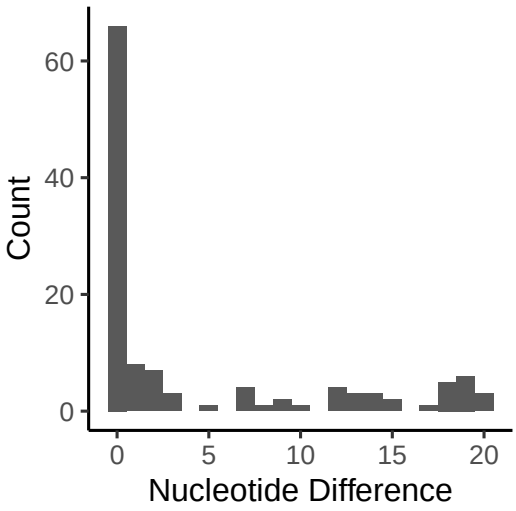
IGHV1−2*02

1458 sequences assigned
219 (15%) exact matches, in which:
211 unique CDR3
6 unique J



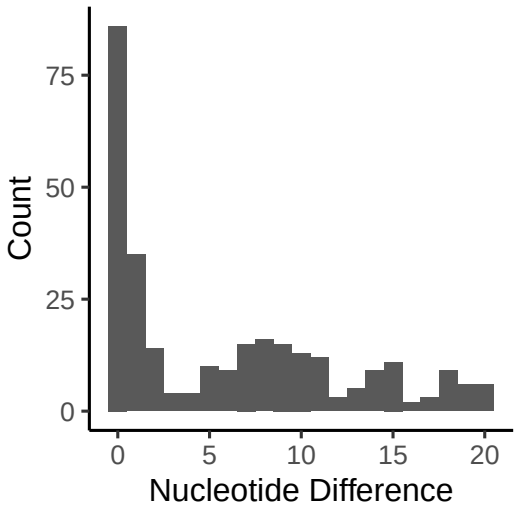
IGHV1−24*01

154 sequences assigned
66 (42.9%) exact matches, in which:
65 unique CDR3
6 unique J



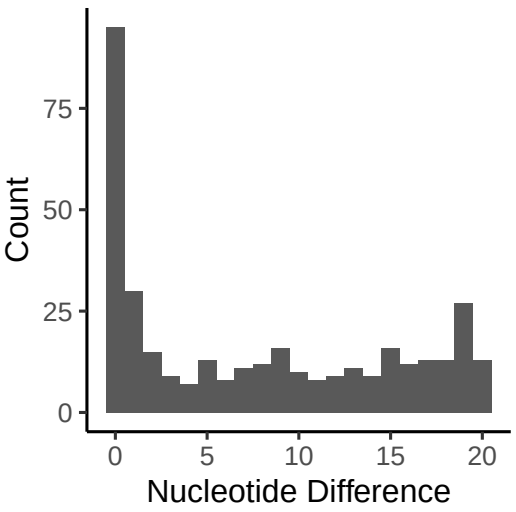
IGHV1−46*03

392 sequences assigned
86 (21.9%) exact matches, in which:
83 unique CDR3
5 unique J



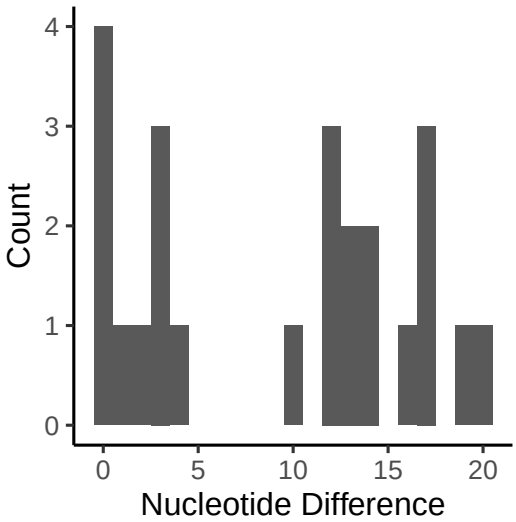
IGHV1−3*01

575 sequences assigned
95 (16.5%) exact matches, in which:
93 unique CDR3
6 unique J



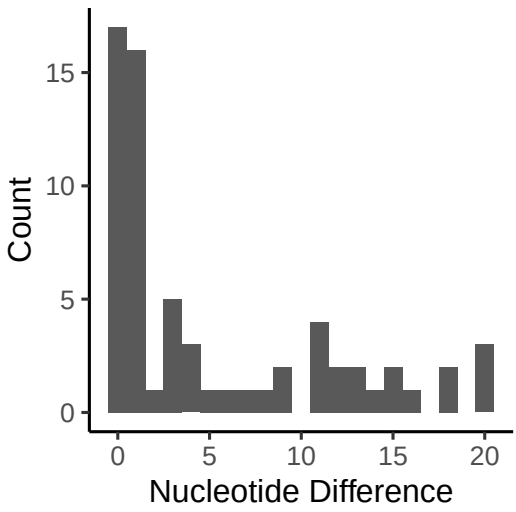
IGHV1−45*02

46 sequences assigned
4 (8.7%) exact matches, in which:
4 unique CDR3
3 unique J



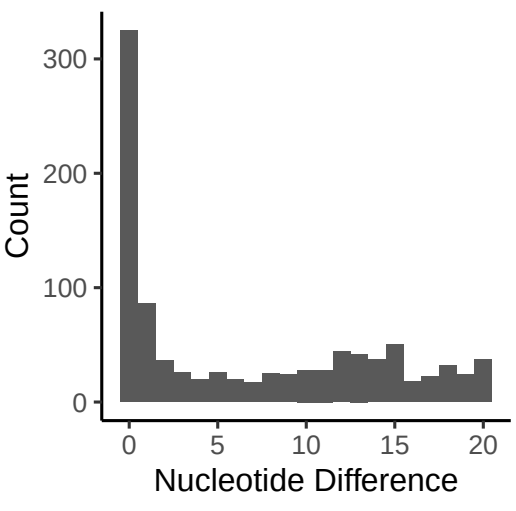
IGHV1−58*01

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



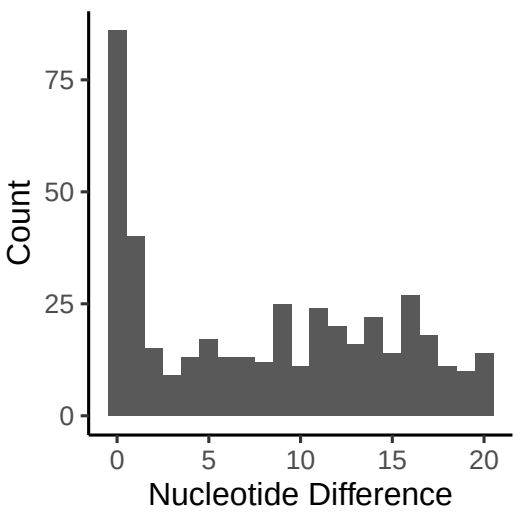
IGHV1−18*04

1480 sequences assigned
325 (22%) exact matches, in which:
315 unique CDR3
6 unique J



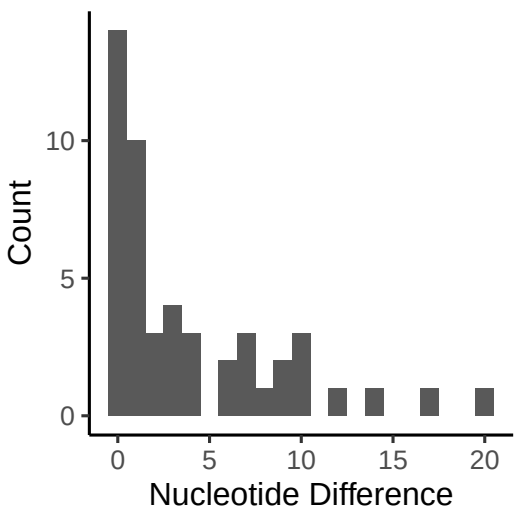
IGHV1−46*01

619 sequences assigned
86 (13.9%) exact matches, in which:
85 unique CDR3
4 unique J



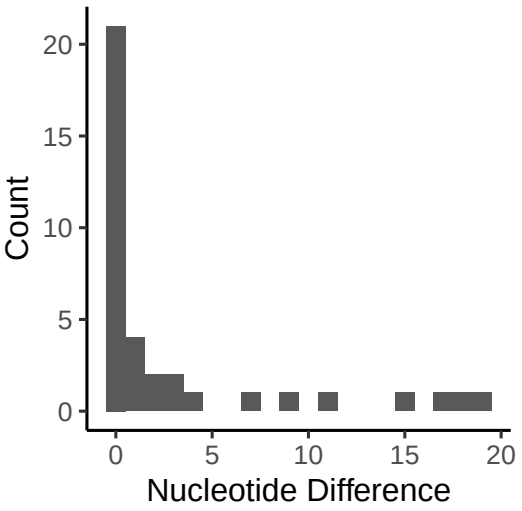
IGHV1−58*02

52 sequences assigned
14 (26.9%) exact matches, in which:
14 unique CDR3
3 unique J



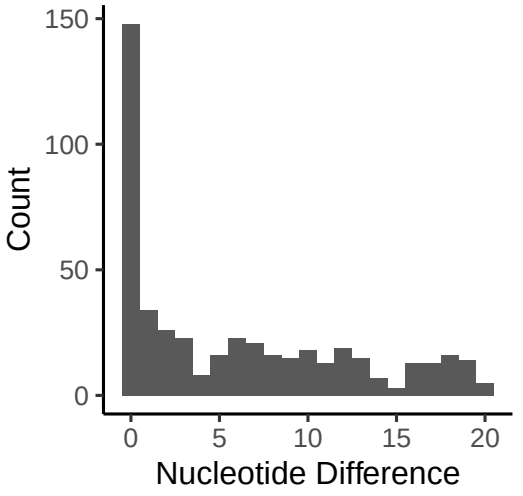
IGHV1−69−2*01

72 sequences assigned
21 (29.2%) exact matches, in which:
21 unique CDR3
5 unique J



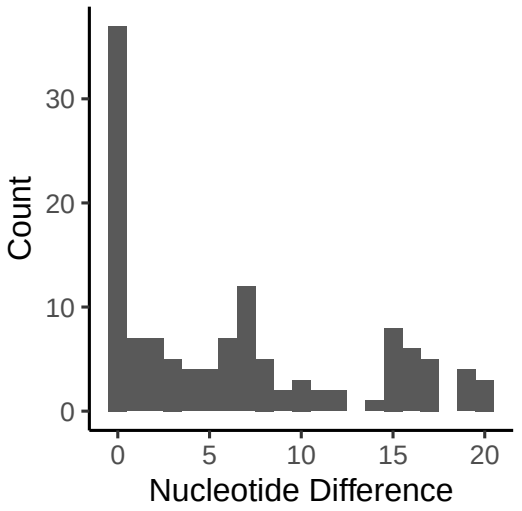
IGHV2−5*01

533 sequences assigned
148 (27.8%) exact matches, in which:
143 unique CDR3
6 unique J



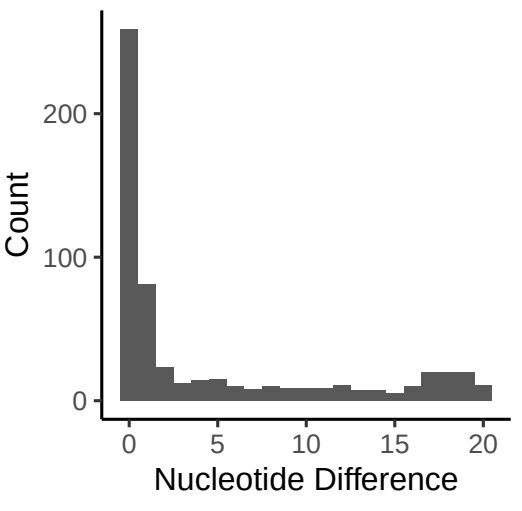
IGHV2−70*01

172 sequences assigned
37 (21.5%) exact matches, in which:
37 unique CDR3
6 unique J



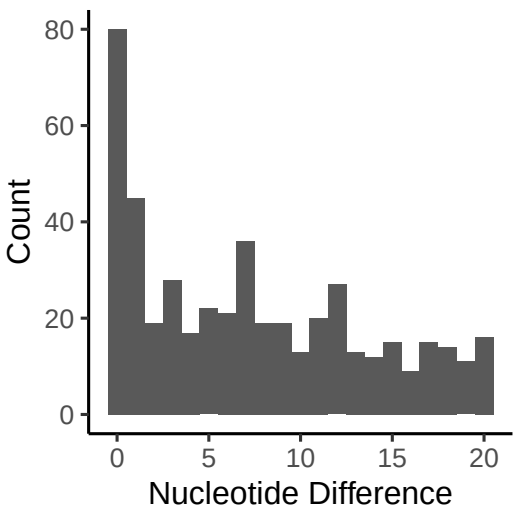
IGHV1−69*06

740 sequences assigned
259 (35%) exact matches, in which:
252 unique CDR3
5 unique J



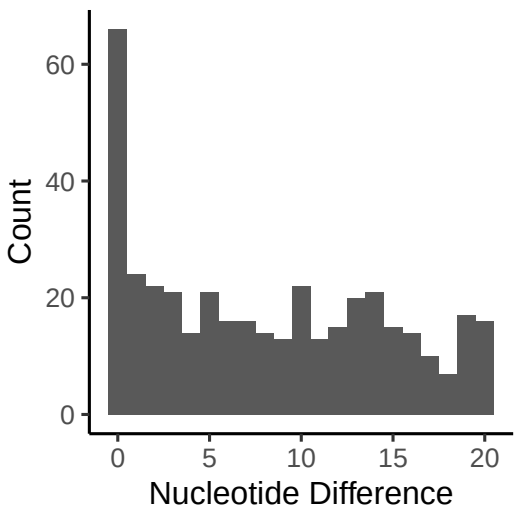
IGHV2−5*02

555 sequences assigned
80 (14.4%) exact matches, in which:
77 unique CDR3
6 unique J



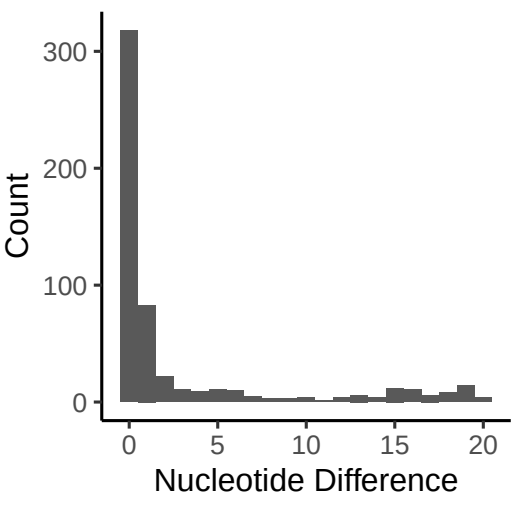
IGHV2−70*15

479 sequences assigned
66 (13.8%) exact matches, in which:
66 unique CDR3
6 unique J



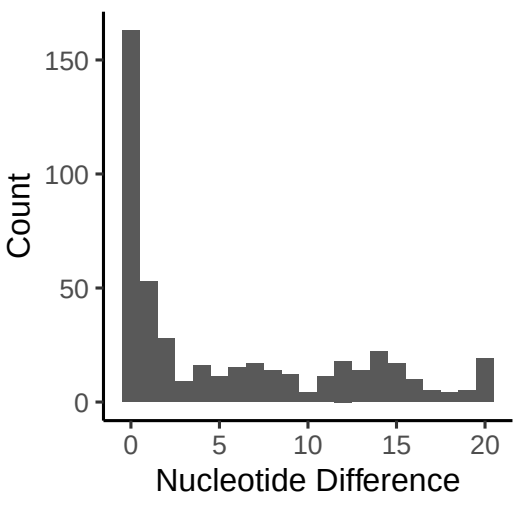
IGHV1−69*08_C191T

680 sequences assigned
318 (46.8%) exact matches, in which:
308 unique CDR3
6 unique J



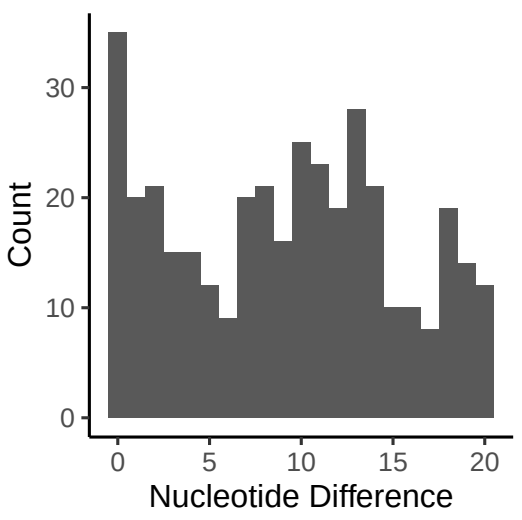
IGHV2−26*01

515 sequences assigned
163 (31.7%) exact matches, in which:
160 unique CDR3
5 unique J



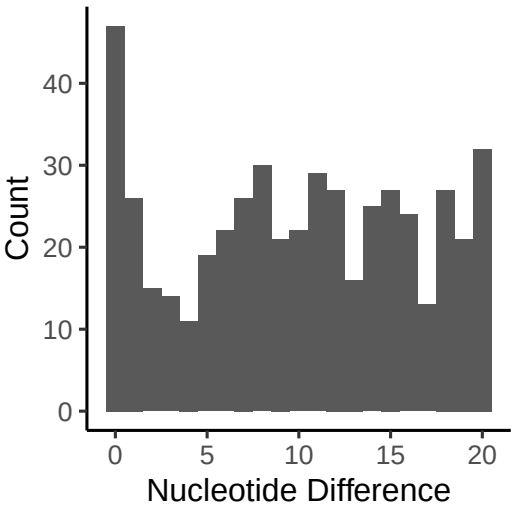
IGHV3−7*01

491 sequences assigned
35 (7.1%) exact matches, in which:
34 unique CDR3
6 unique J



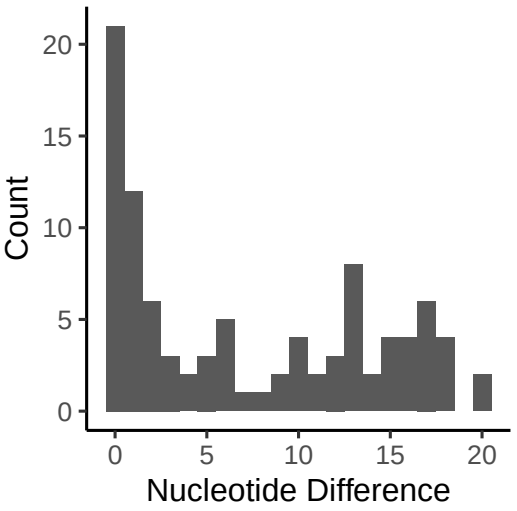
IGHV3−7*03

782 sequences assigned
47 (6%) exact matches, in which:
46 unique CDR3
5 unique J



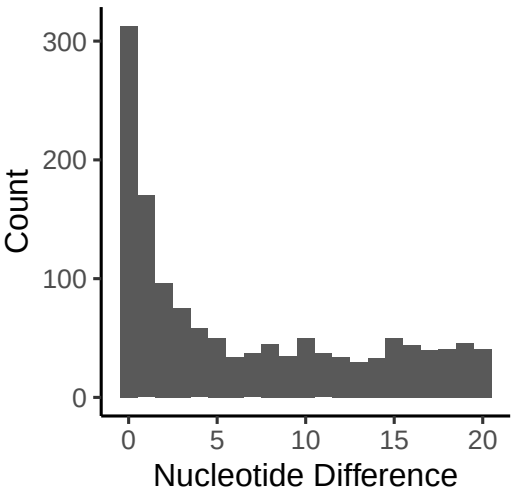
IGHV3−13*04

110 sequences assigned
21 (19.1%) exact matches, in which:
21 unique CDR3
5 unique J



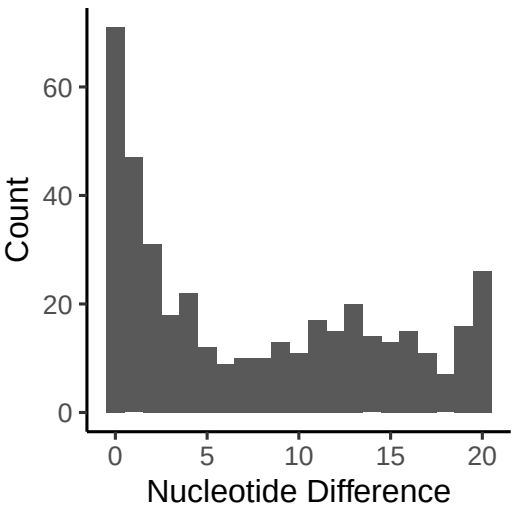
IGHV3−21*01

1865 sequences assigned
313 (16.8%) exact matches, in which:
298 unique CDR3
6 unique J



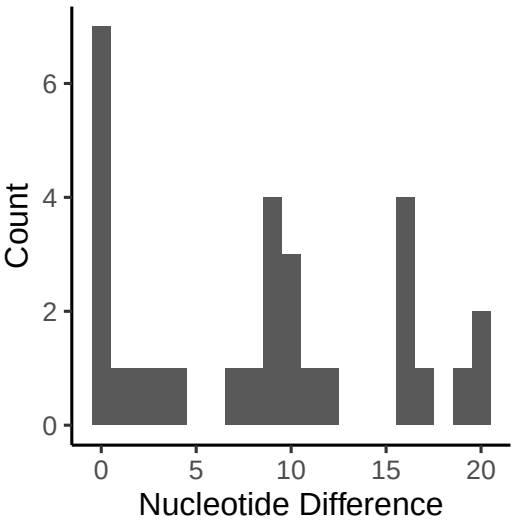
IGHV3−11*05

517 sequences assigned
71 (13.7%) exact matches, in which:
62 unique CDR3
5 unique J



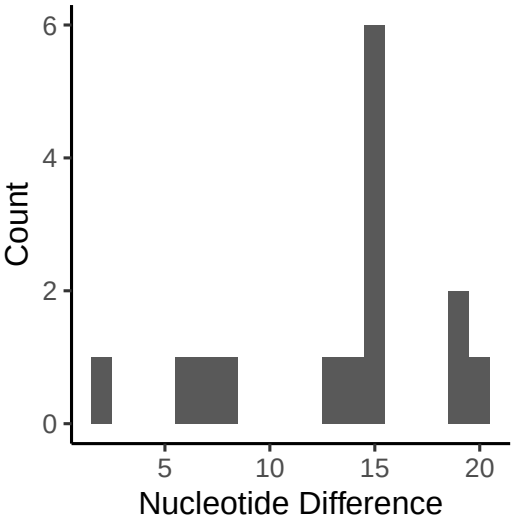
IGHV3−13*05

56 sequences assigned
7 (12.5%) exact matches, in which:
7 unique CDR3
2 unique J



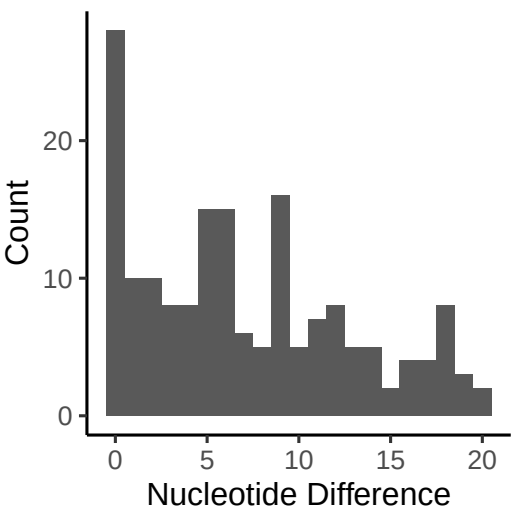
IGHV3−30−3*03

35 sequences assigned
No exact matches.



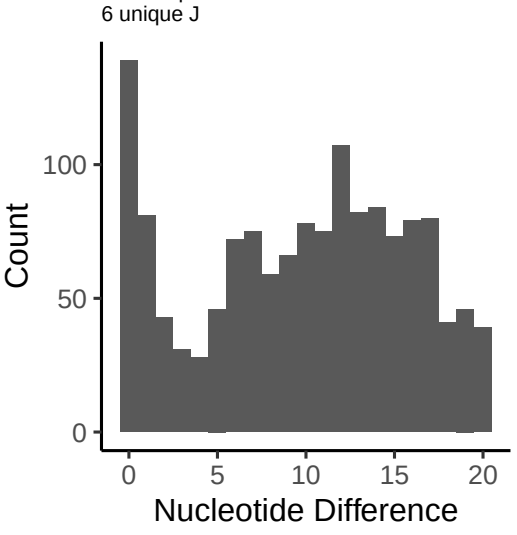
IGHV3−11*06

287 sequences assigned
28 (9.8%) exact matches, in which:
28 unique CDR3
4 unique J



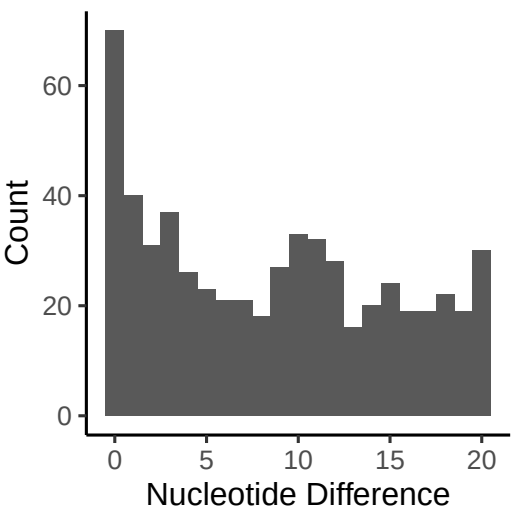
IGHV3−15*01

1724 sequences assigned
139 (8.1%) exact matches, in which:
135 unique CDR3
6 unique J



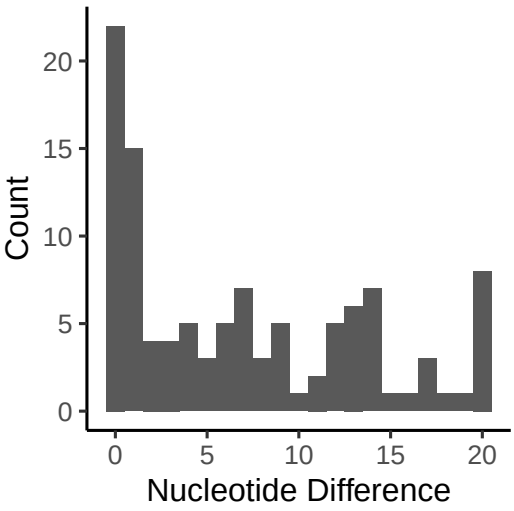
IGHV3−33*01

768 sequences assigned
70 (9.1%) exact matches, in which:
70 unique CDR3
6 unique J



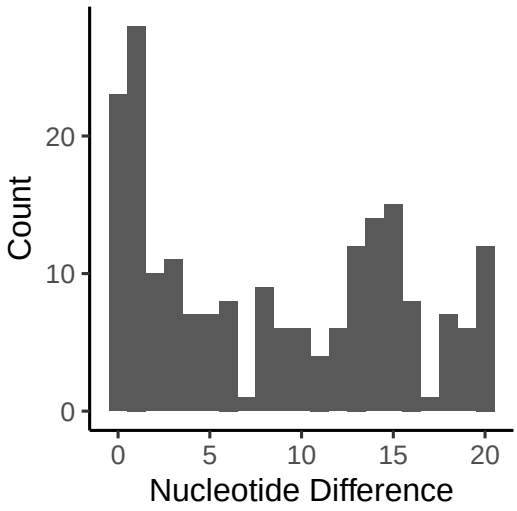
IGHV3−43*01

201 sequences assigned
22 (10.9%) exact matches, in which:
22 unique CDR3
5 unique J



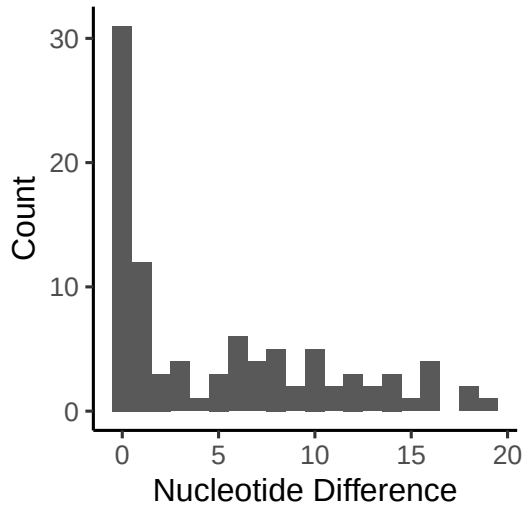
IGHV3−49*03

256 sequences assigned
23 (9%) exact matches, in which:
23 unique CDR3
3 unique J



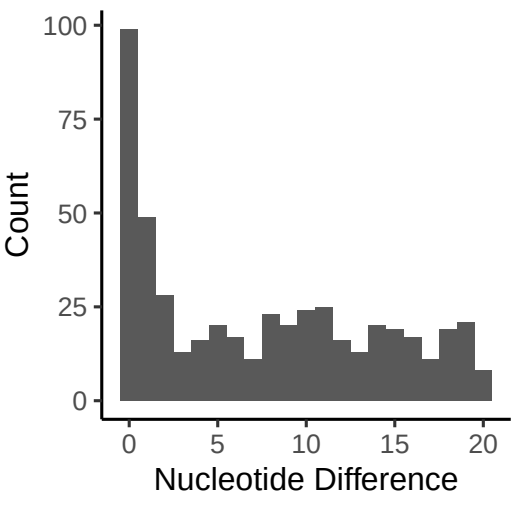
IGHV3−53*04

132 sequences assigned
31 (23.5%) exact matches, in which:
31 unique CDR3
5 unique J



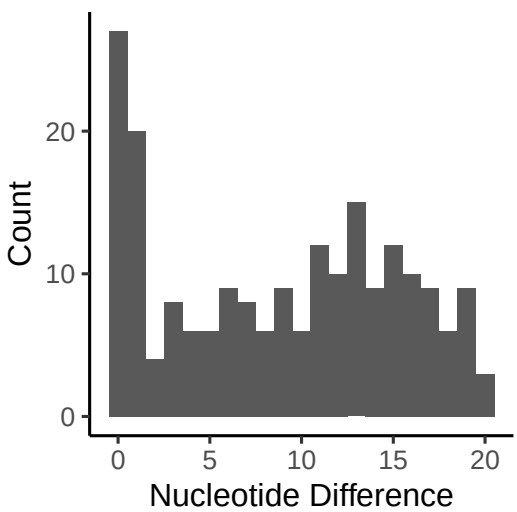
IGHV3−48*01

611 sequences assigned
99 (16.2%) exact matches, in which:
96 unique CDR3
5 unique J



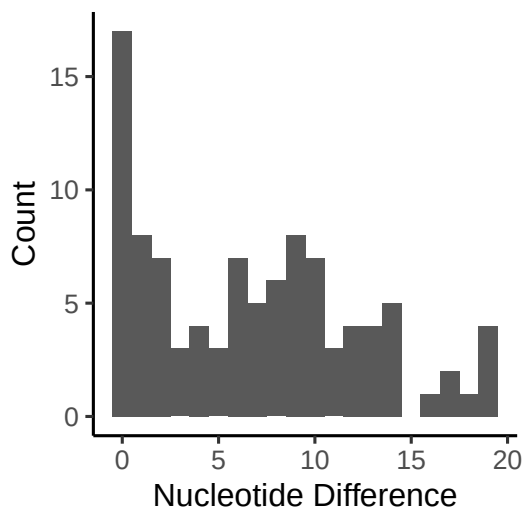
IGHV3−49*04

299 sequences assigned
27 (9%) exact matches, in which:
27 unique CDR3
4 unique J



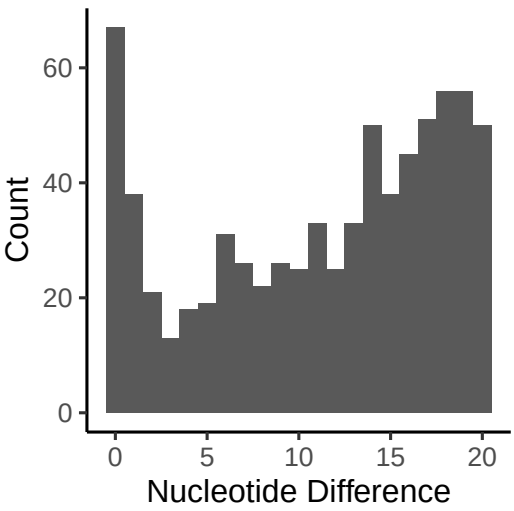
IGHV3−64*01

148 sequences assigned
17 (11.5%) exact matches, in which:
16 unique CDR3
4 unique J



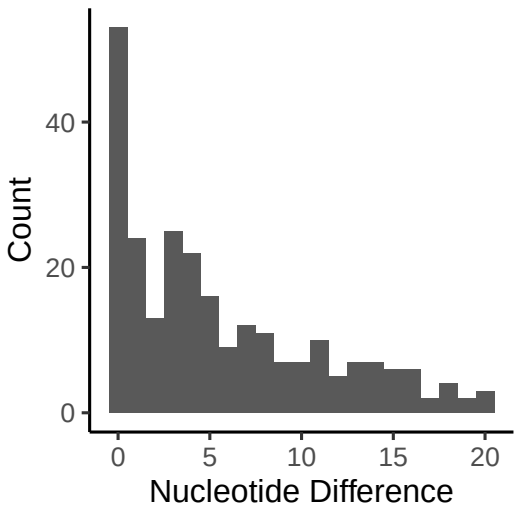
IGHV3−48*02

987 sequences assigned
67 (6.8%) exact matches, in which:
66 unique CDR3
5 unique J



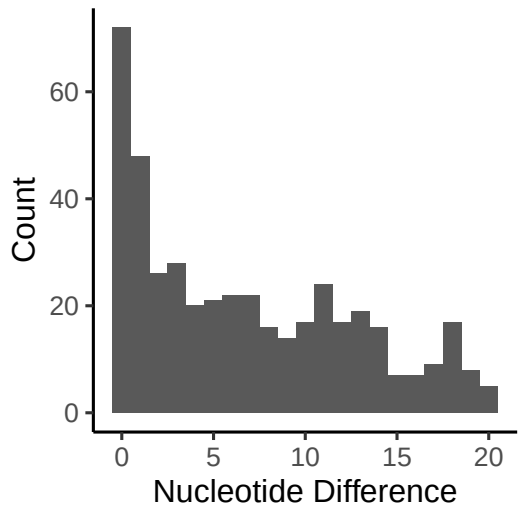
IGHV3−53*01

322 sequences assigned
53 (16.5%) exact matches, in which:
52 unique CDR3
5 unique J



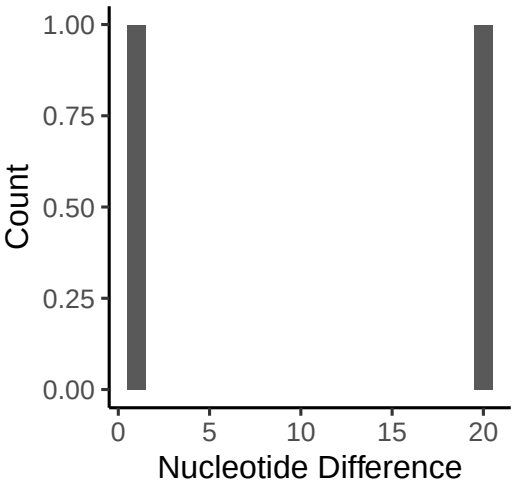
IGHV3−66*01

613 sequences assigned
72 (11.7%) exact matches, in which:
70 unique CDR3
5 unique J



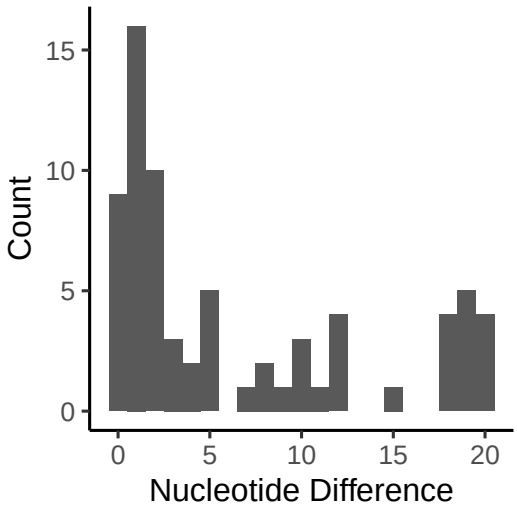
IGHV3−69−1*02

4 sequences assigned
No exact matches.



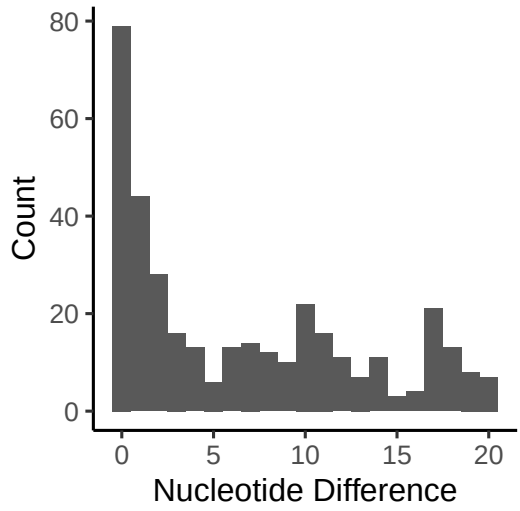
IGHV3−73*02

107 sequences assigned
9 (8.4%) exact matches, in which:
9 unique CDR3
3 unique J



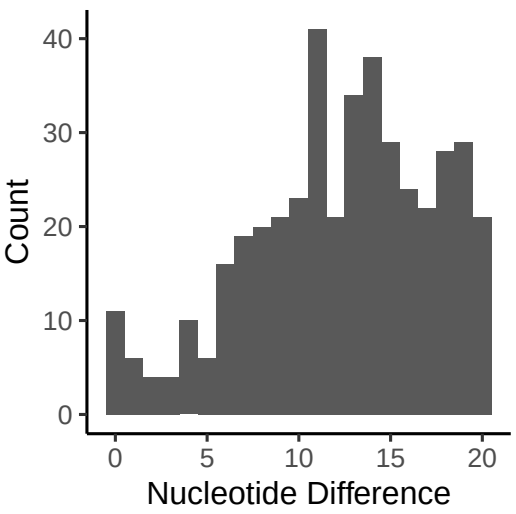
IGHV3−64D*09

455 sequences assigned
79 (17.4%) exact matches, in which:
74 unique CDR3
6 unique J



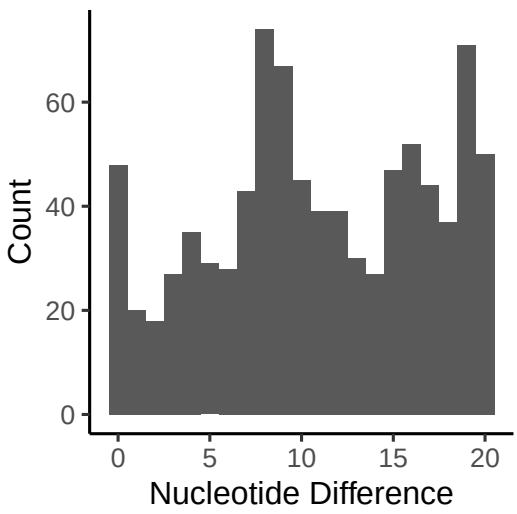
IGHV3−72*01

495 sequences assigned
11 (2.2%) exact matches, in which:
9 unique CDR3
3 unique J



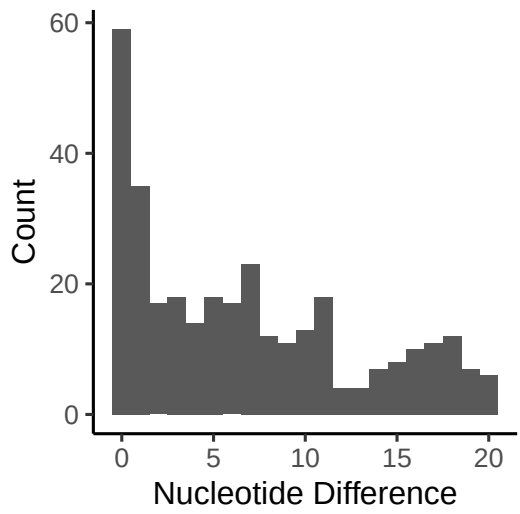
IGHV3−74*01

1245 sequences assigned
48 (3.9%) exact matches, in which:
46 unique CDR3
6 unique J



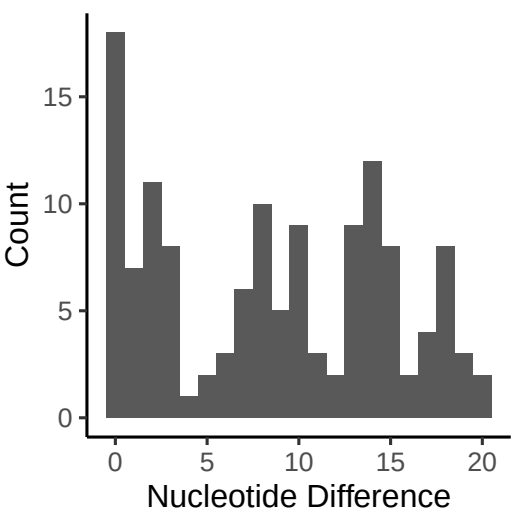
IGHV4−4*07

443 sequences assigned
59 (13.3%) exact matches, in which:
56 unique CDR3
5 unique J



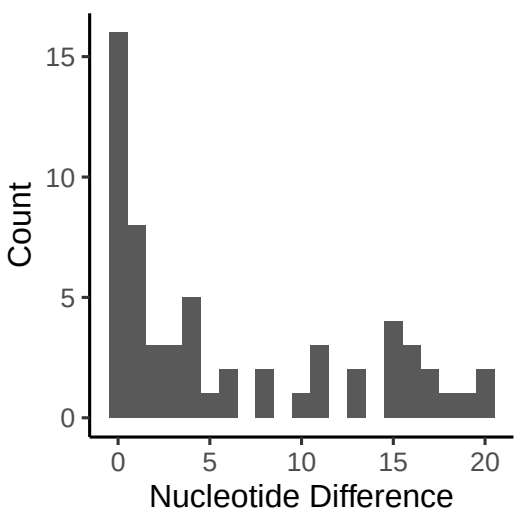
IGHV3−73*01

172 sequences assigned
18 (10.5%) exact matches, in which:
17 unique CDR3
4 unique J



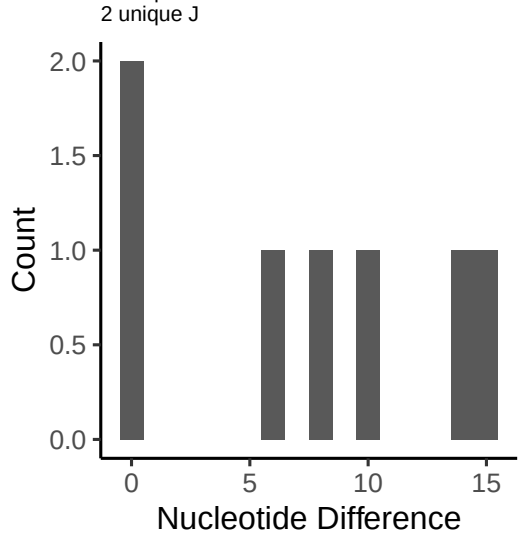
IGHV3−43D*03

78 sequences assigned
16 (20.5%) exact matches, in which:
16 unique CDR3
5 unique J



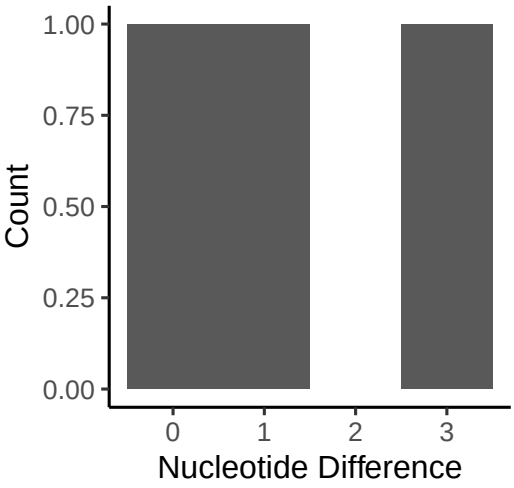
IGHV4−28*01

8 sequences assigned
2 (25%) exact matches, in which:
2 unique CDR3
2 unique J



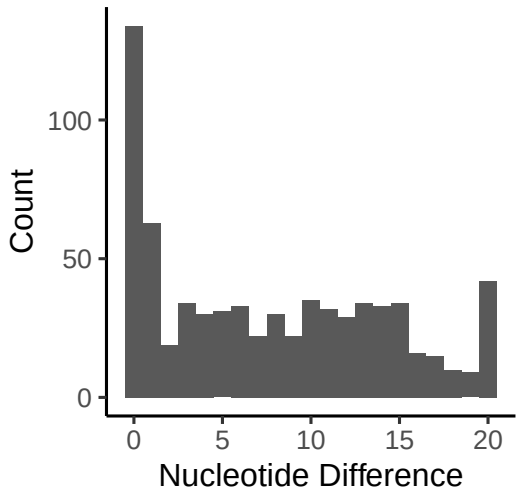
IGHV4−28*03

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



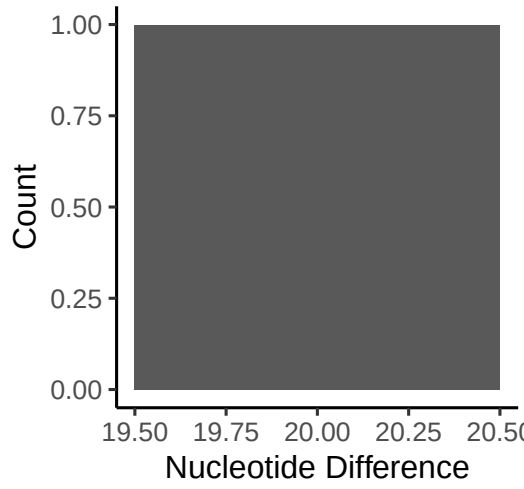
IGHV4−38−2*02

917 sequences assigned
134 (14.6%) exact matches, in which:
132 unique CDR3
6 unique J



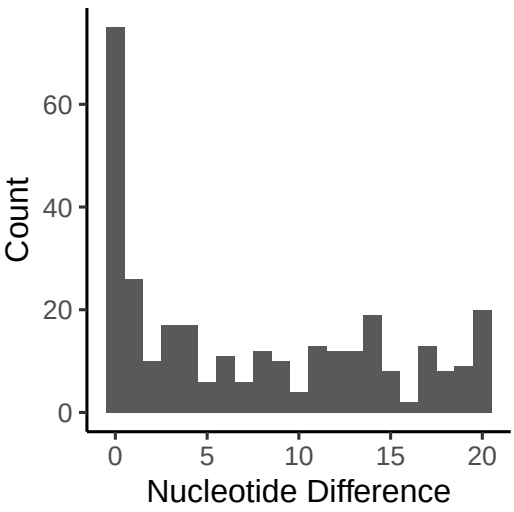
IGHV4−55*01

1 sequences assigned
No exact matches.



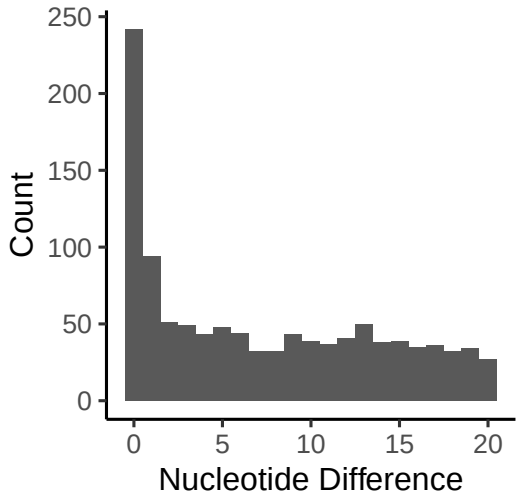
IGHV4−31*03

527 sequences assigned
75 (14.2%) exact matches, in which:
73 unique CDR3
5 unique J



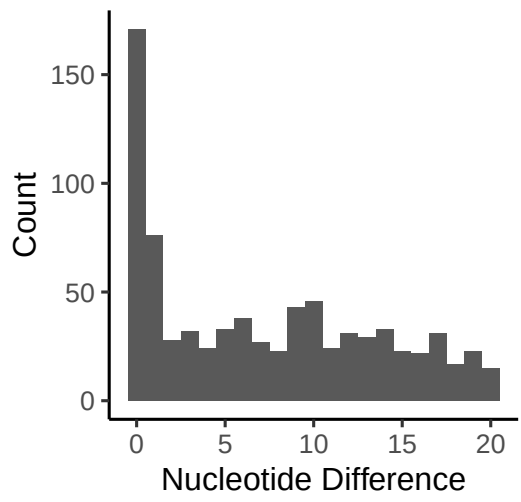
IGHV4−39*01

1507 sequences assigned
242 (16.1%) exact matches, in which:
239 unique CDR3
6 unique J



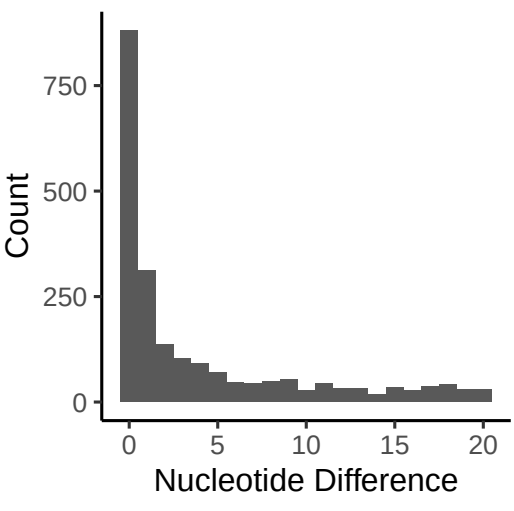
IGHV4−59*01

1144 sequences assigned
171 (14.9%) exact matches, in which:
170 unique CDR3
6 unique J



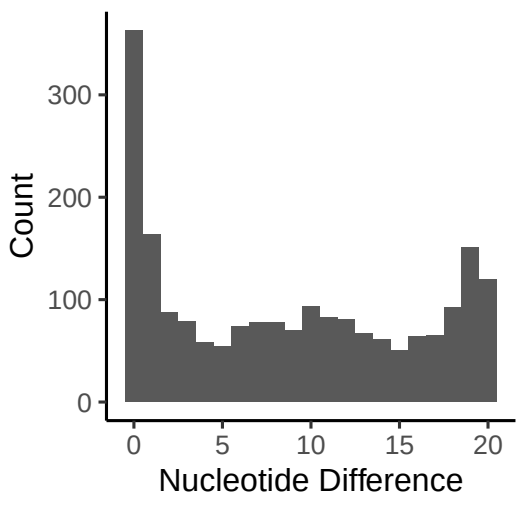
IGHV4−34*01

2576 sequences assigned
881 (34.2%) exact matches, in which:
829 unique CDR3
6 unique J



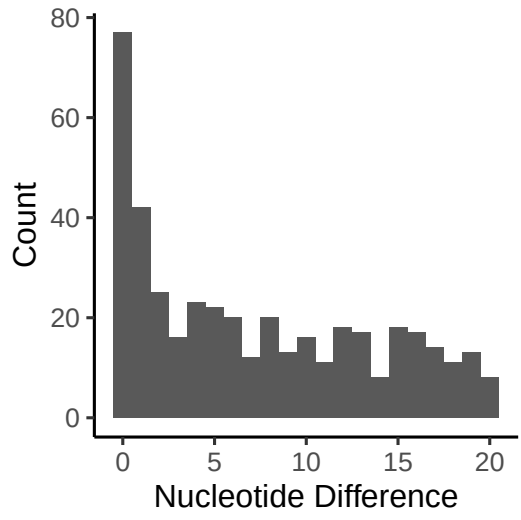
IGHV4−39*07

3170 sequences assigned
363 (11.5%) exact matches, in which:
354 unique CDR3
6 unique J



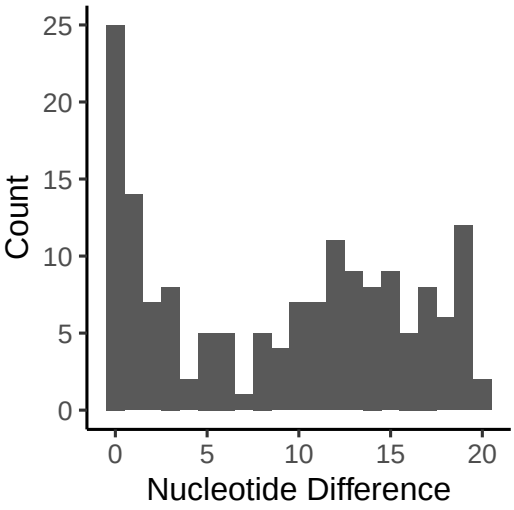
IGHV4−59*08

569 sequences assigned
77 (13.5%) exact matches, in which:
76 unique CDR3
6 unique J



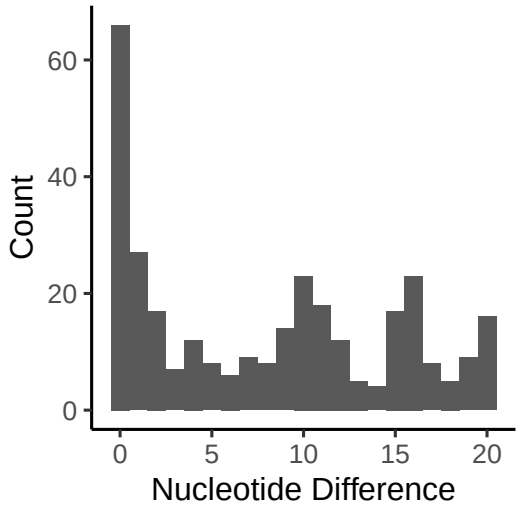
IGHV4−61*01

258 sequences assigned
25 (9.7%) exact matches, in which:
25 unique CDR3
5 unique J



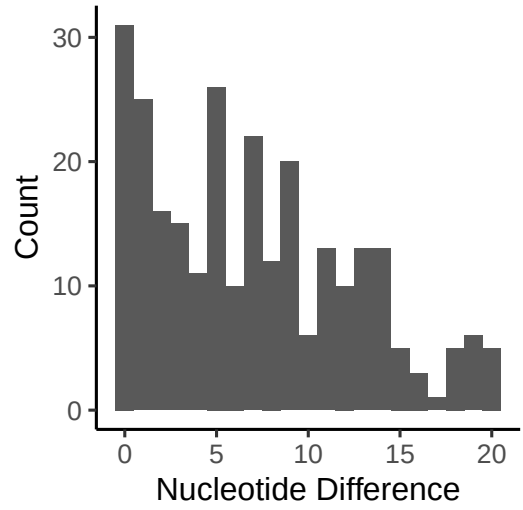
IGHV5−10−1*03

481 sequences assigned
66 (13.7%) exact matches, in which:
63 unique CDR3
6 unique J



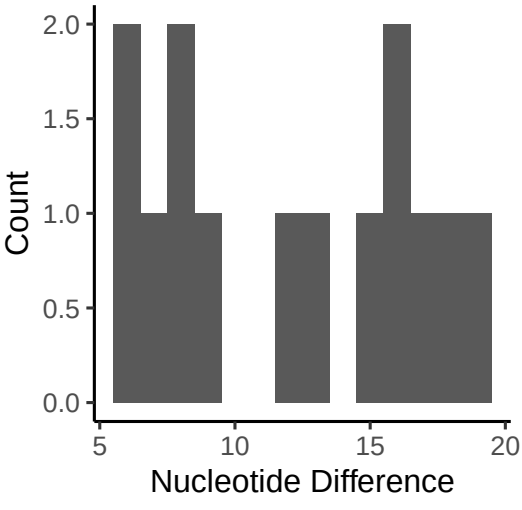
IGHV6−1*01

279 sequences assigned
31 (11.1%) exact matches, in which:
29 unique CDR3
5 unique J



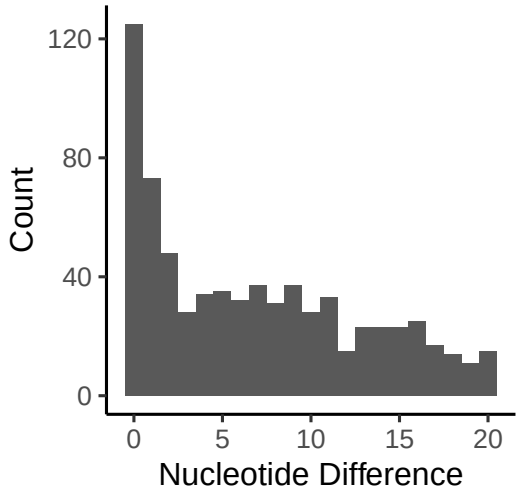
IGHV4/OR15−8*01

15 sequences assigned
No exact matches.



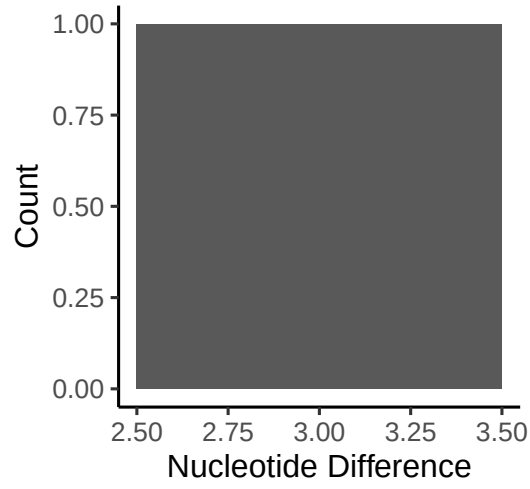
IGHV5−51*01

916 sequences assigned
125 (13.6%) exact matches, in which:
125 unique CDR3
6 unique J



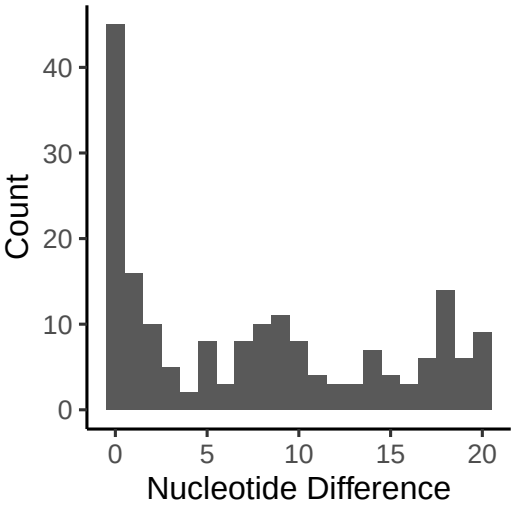
IGHV3/OR16−6*02

1 sequences assigned
No exact matches.



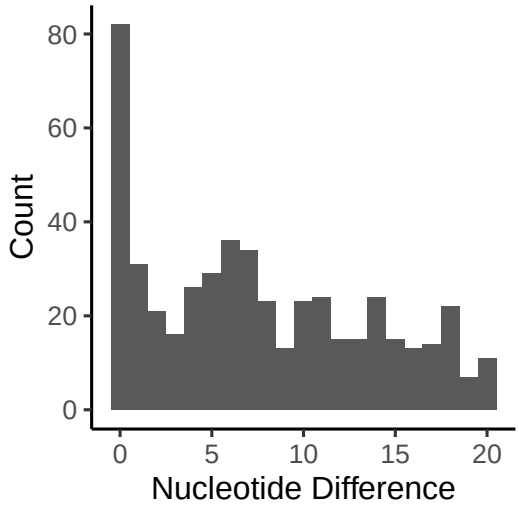
IGHV5−10−1*01

241 sequences assigned
45 (18.7%) exact matches, in which:
45 unique CDR3
6 unique J



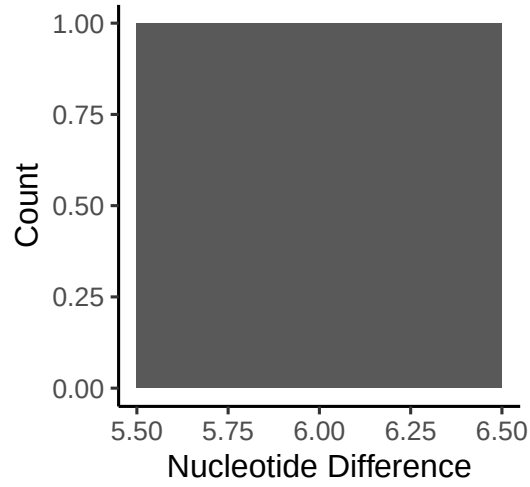
IGHV5−51*03

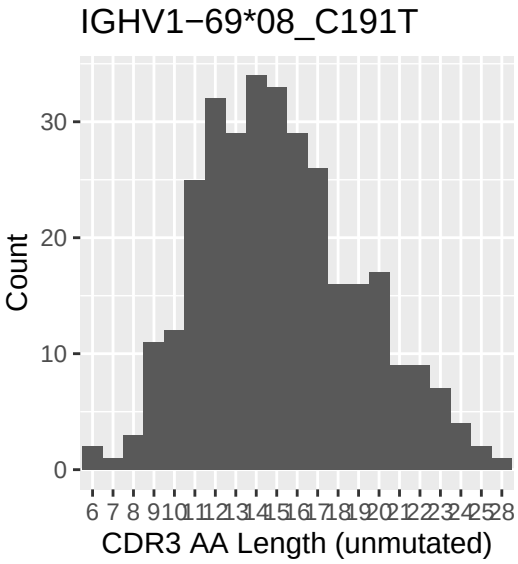
671 sequences assigned
82 (12.2%) exact matches, in which:
79 unique CDR3
6 unique J

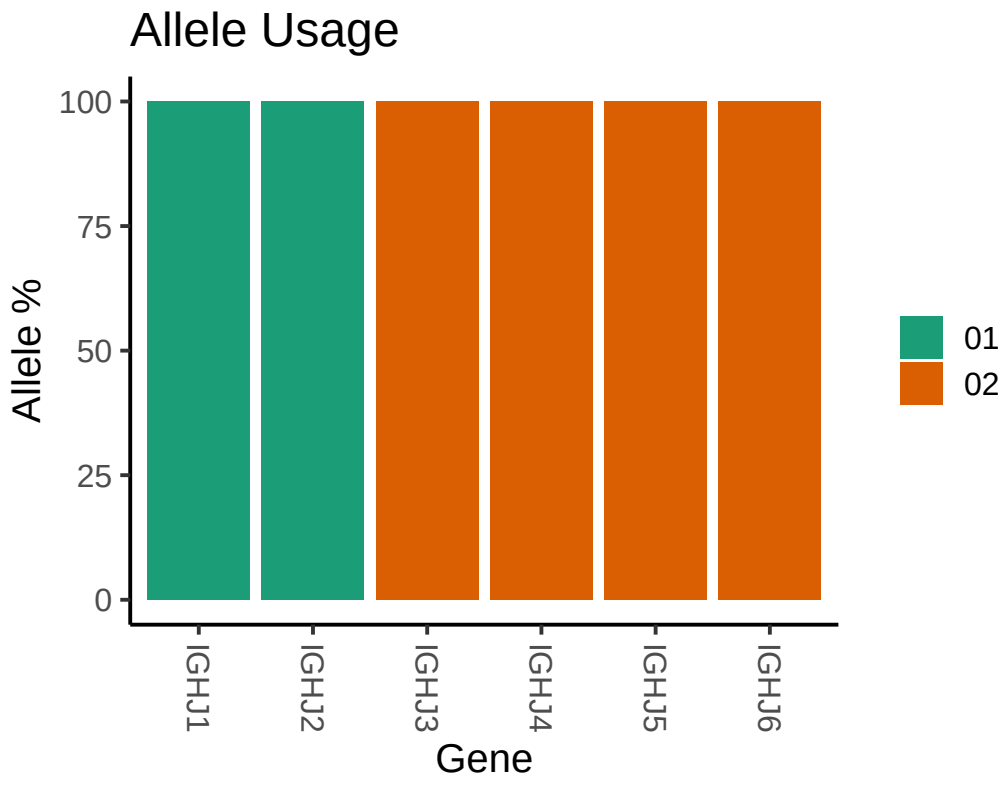


IGHV3/OR16−9*01

1 sequences assigned
No exact matches.




IGHV1−69*08_C191T
Count
30
20
10
0
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 28
CDR3 AA Length (unmutated)


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

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.