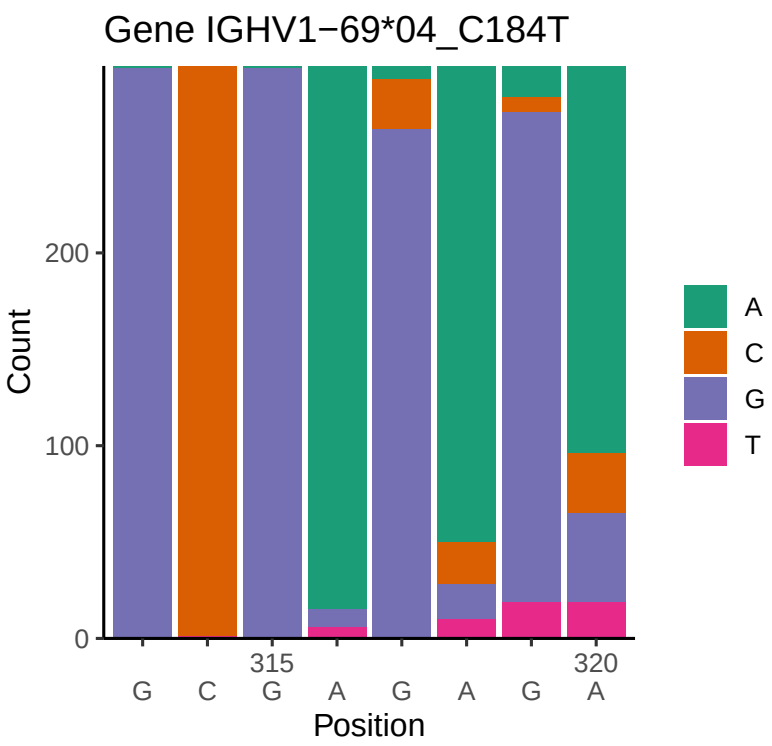
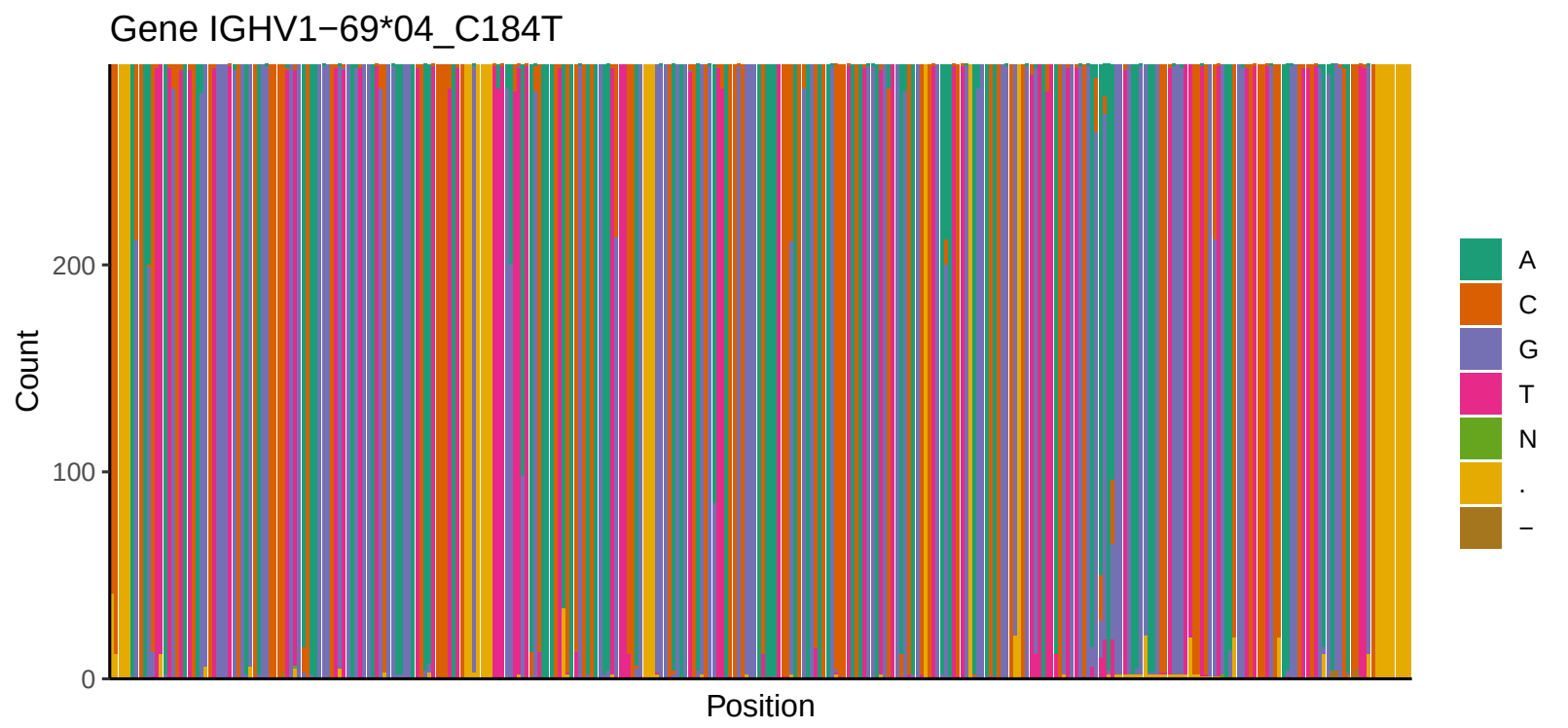
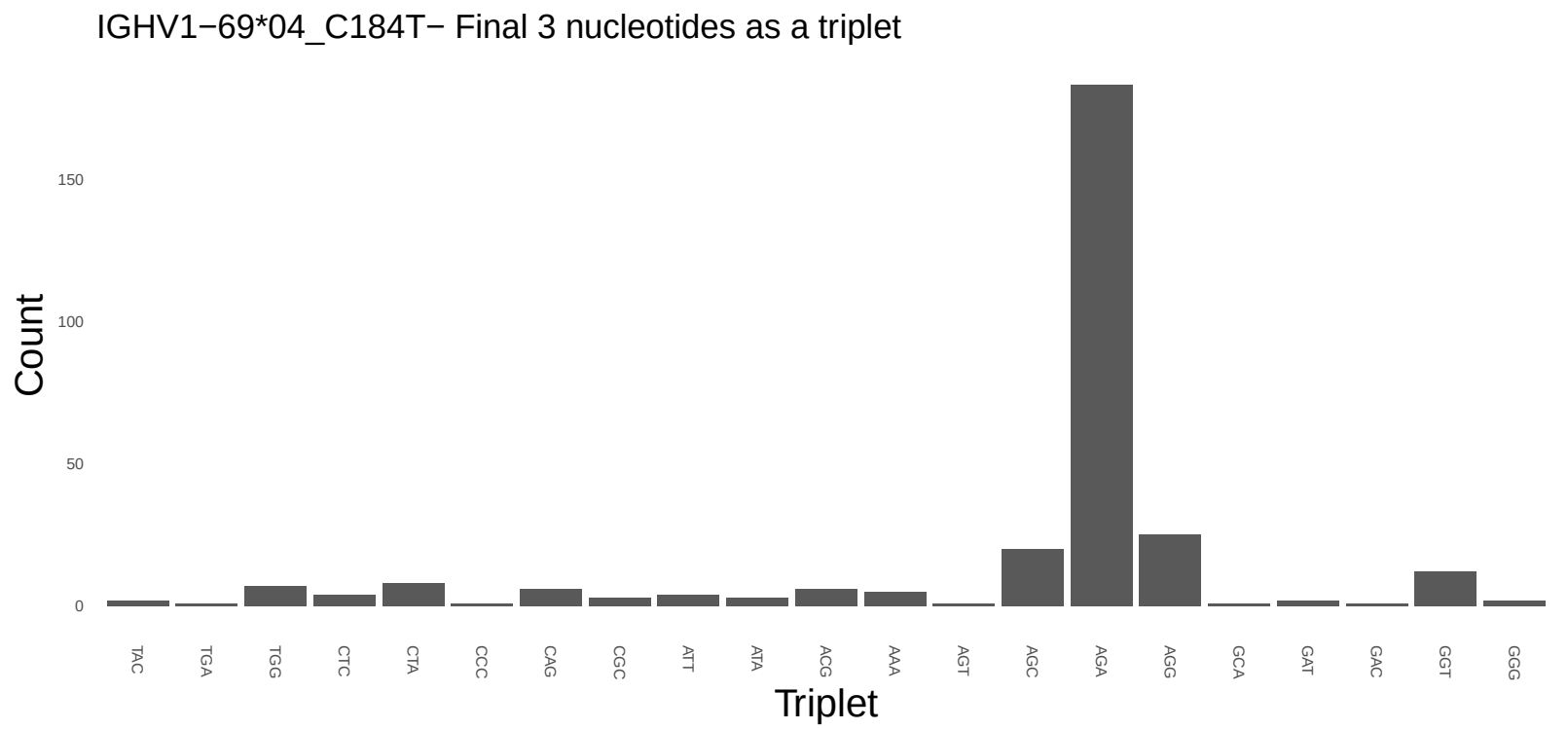
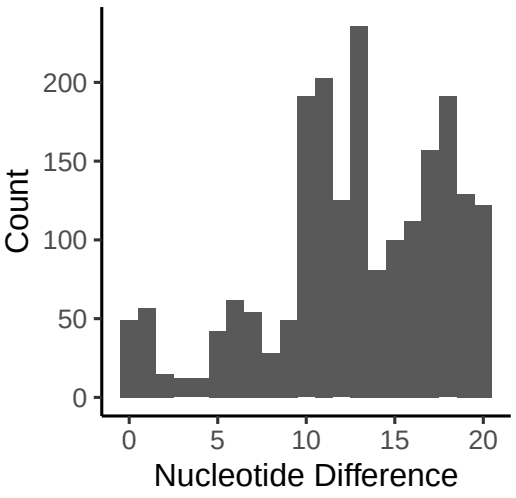

Gene IGHV1−69*04_C184T
Count
200
100
0
G
C
315
G
A
G
A
G
320
A
Position
A
C
G
T


Gene IGHV1−69*04_C184T
Count
200
100
0
Position
A
C
G
T
N
.
–


IGHV1−69*04_C184T− Final 3 nucleotides as a triplet
Count
150
100
50
0
TAC
TGA
TGG
CTC
CTA
CCC
CAG
CGC
ATT
ATA
ACG
AAA
AGT
AGC
AGA
AGG
GCA
GAT
GAC
GGT
GGG
Triplet

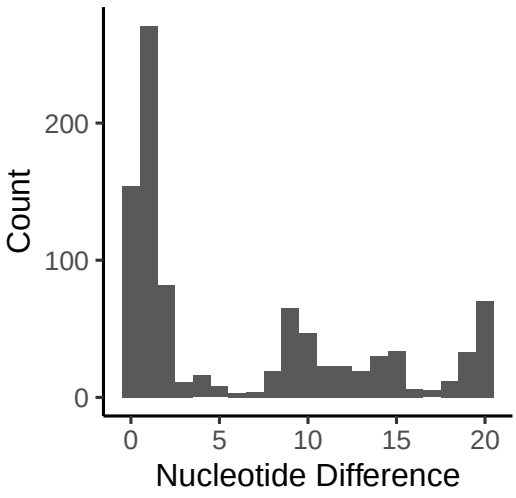
IGHV1−2*02

3042 sequences assigned
49 (1.6%) exact matches, in which:
34 unique CDR3
4 unique J



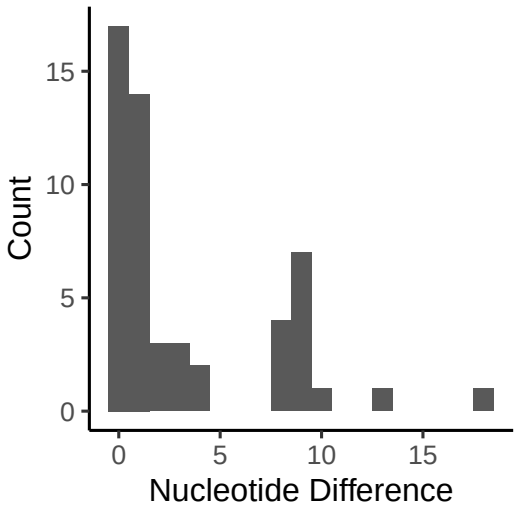
IGHV1−18*01

1021 sequences assigned
154 (15.1%) exact matches, in which:
99 unique CDR3
7 unique J



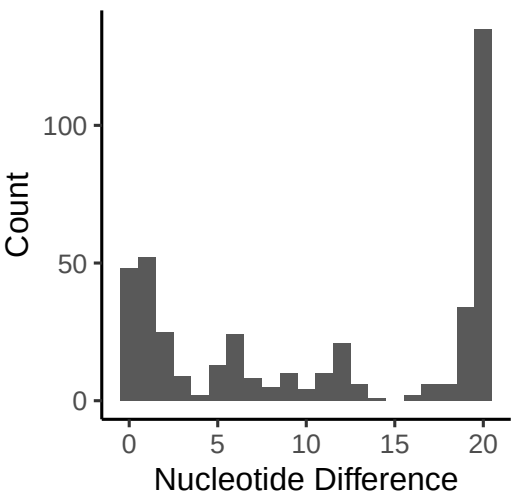
IGHV1−46*03

129 sequences assigned
17 (13.2%) exact matches, in which:
10 unique CDR3
2 unique J



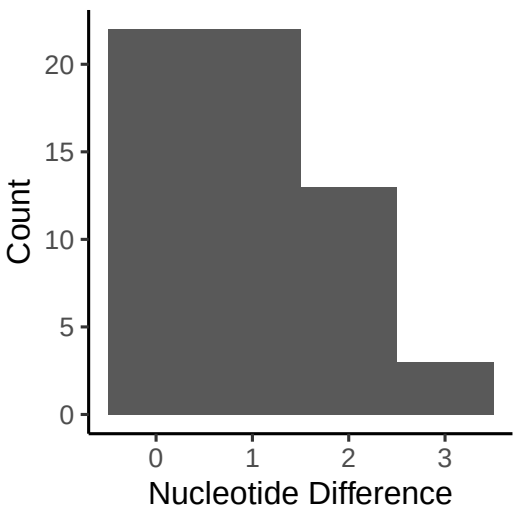
IGHV1−3*01

614 sequences assigned
48 (7.8%) exact matches, in which:
28 unique CDR3
4 unique J



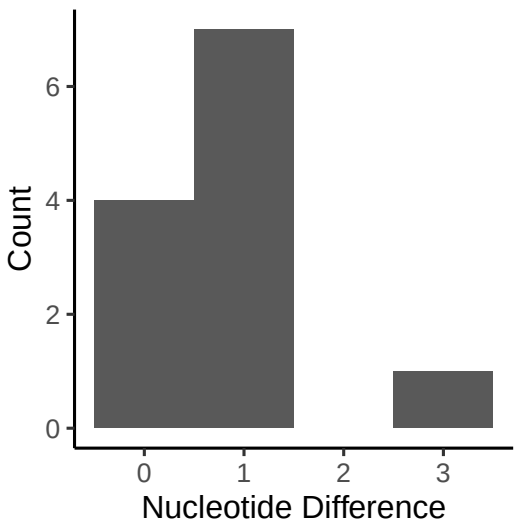
IGHV1−24*01

200 sequences assigned
22 (11%) exact matches, in which:
20 unique CDR3
5 unique J



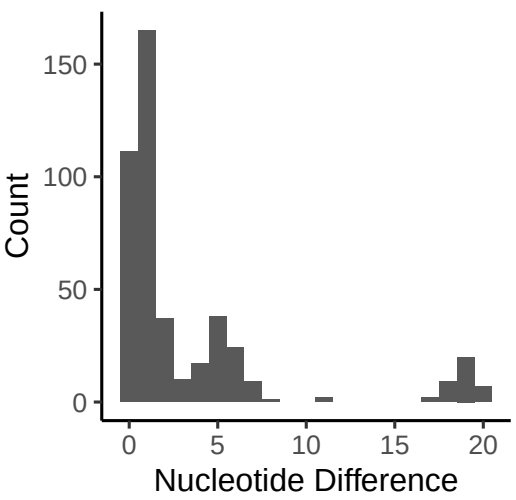
IGHV1−58*01

12 sequences assigned
4 (33.3%) exact matches, in which:
3 unique CDR3
2 unique J



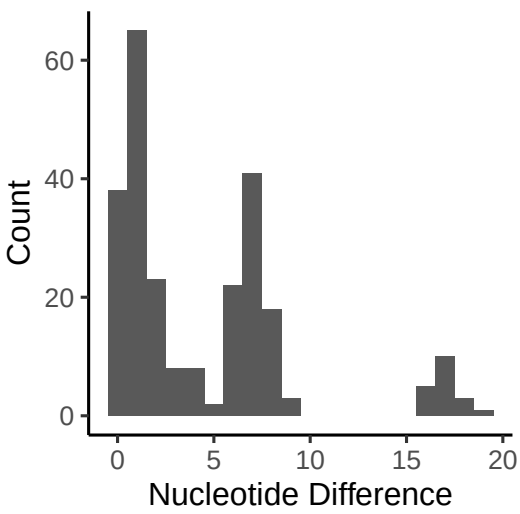
IGHV1−8*01

708 sequences assigned
111 (15.7%) exact matches, in which:
81 unique CDR3
6 unique J



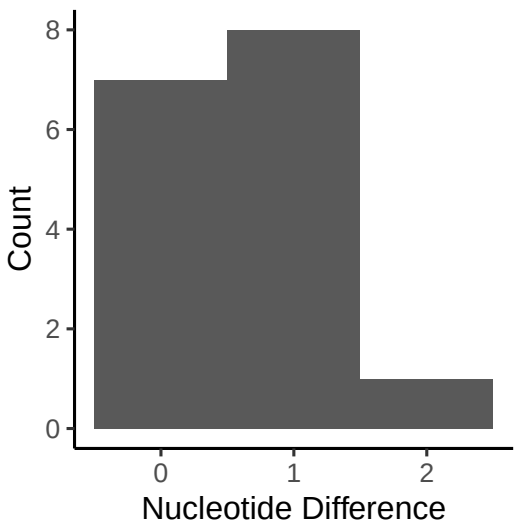
IGHV1−46*01

361 sequences assigned
38 (10.5%) exact matches, in which:
24 unique CDR3
5 unique J



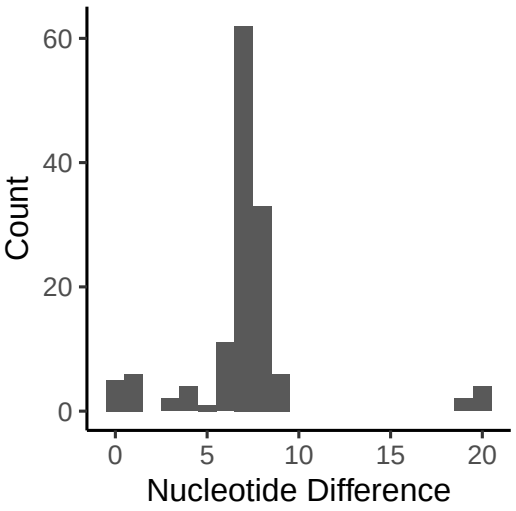
IGHV1−58*02

16 sequences assigned
7 (43.8%) exact matches, in which:
4 unique CDR3
3 unique J



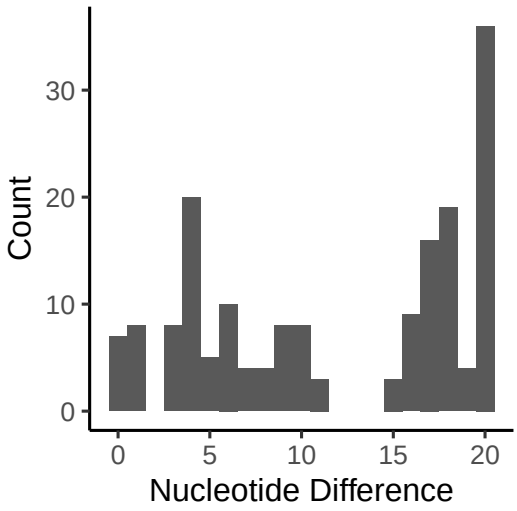
IGHV1−69−2*01

237 sequences assigned
5 (2.1%) exact matches, in which:
5 unique CDR3
1 unique J



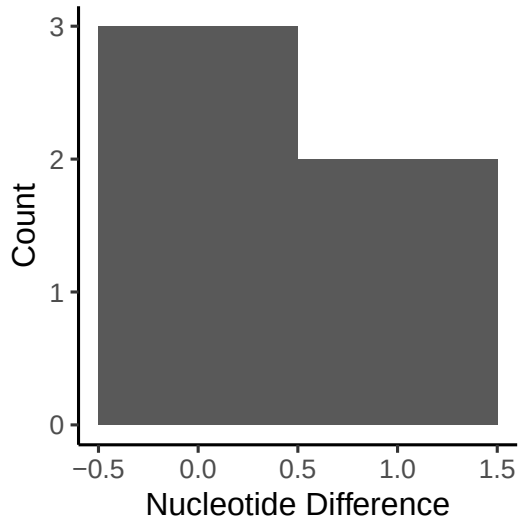
IGHV2−5*01

312 sequences assigned
7 (2.2%) exact matches, in which:
6 unique CDR3
4 unique J



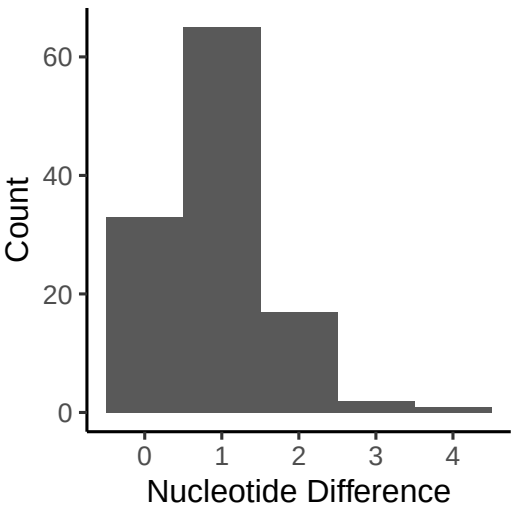
IGHV2−70*01

5 sequences assigned
3 (60%) exact matches, in which:
2 unique CDR3
2 unique J



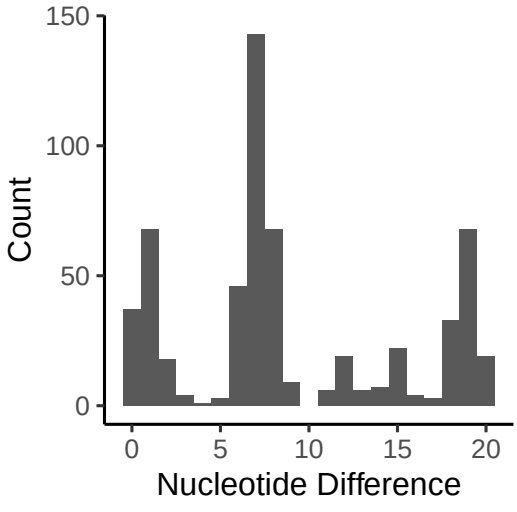
IGHV1−69*02

118 sequences assigned
33 (28%) exact matches, in which:
27 unique CDR3
4 unique J



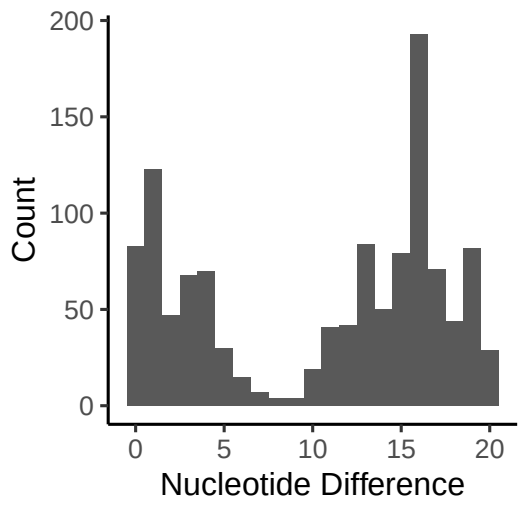
IGHV2−5*02

593 sequences assigned
37 (6.2%) exact matches, in which:
22 unique CDR3
3 unique J



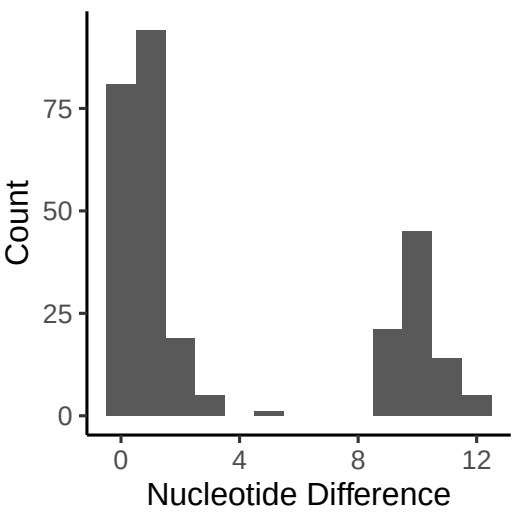
IGHV3−7*01

1303 sequences assigned
83 (6.4%) exact matches, in which:
65 unique CDR3
7 unique J



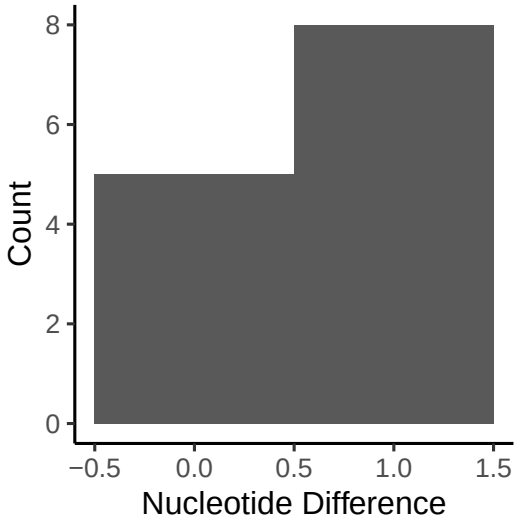
IGHV1−69*04_C184T

297 sequences assigned
81 (27.3%) exact matches, in which:
66 unique CDR3
6 unique J



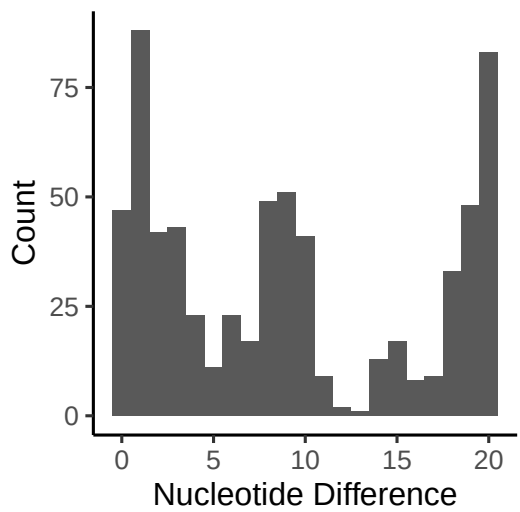
IGHV2−26*01

13 sequences assigned
5 (38.5%) exact matches, in which:
3 unique CDR3
1 unique J



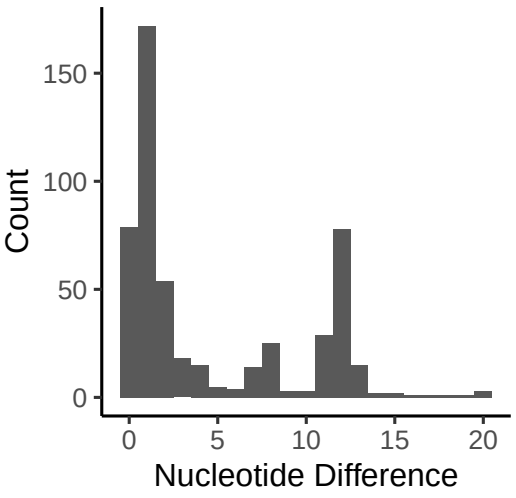
IGHV3−9*01

1067 sequences assigned
47 (4.4%) exact matches, in which:
36 unique CDR3
5 unique J



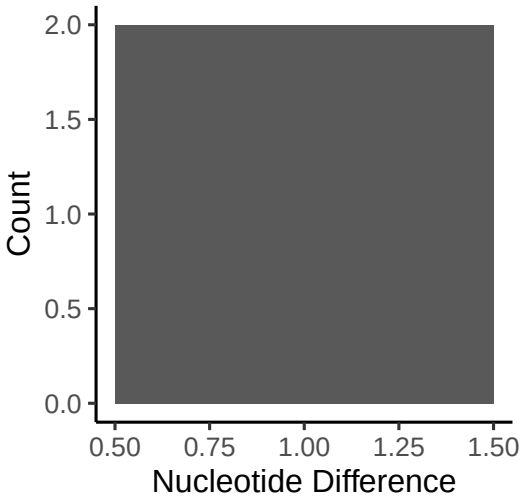
IGHV3−11*01

577 sequences assigned
79 (13.7%) exact matches, in which:
54 unique CDR3
5 unique J



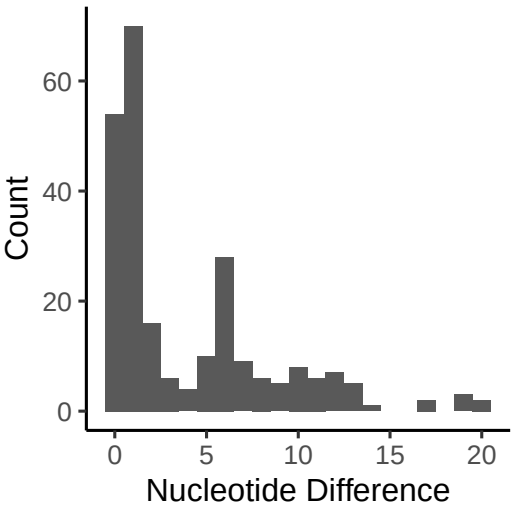
IGHV3−20*01

2 sequences assigned
No exact matches.



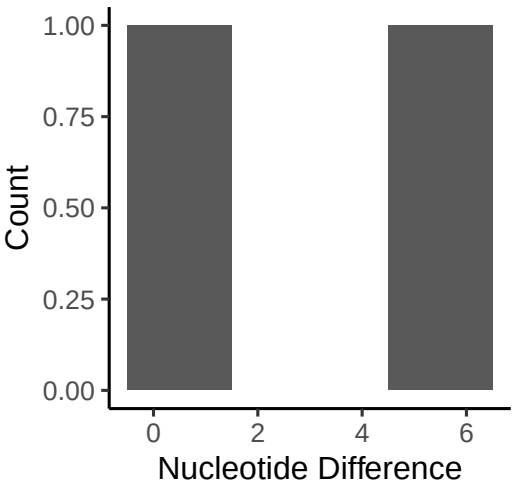
IGHV3−33*01

270 sequences assigned
54 (20%) exact matches, in which:
37 unique CDR3
3 unique J



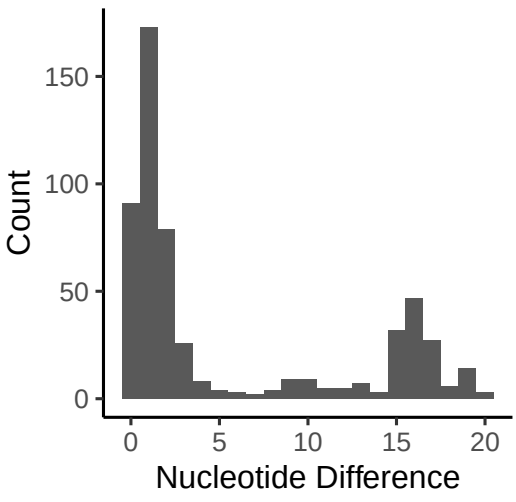
IGHV3−13*01

4 sequences assigned
1 (25%) exact matches, in which:
1 unique CDR3
1 unique J



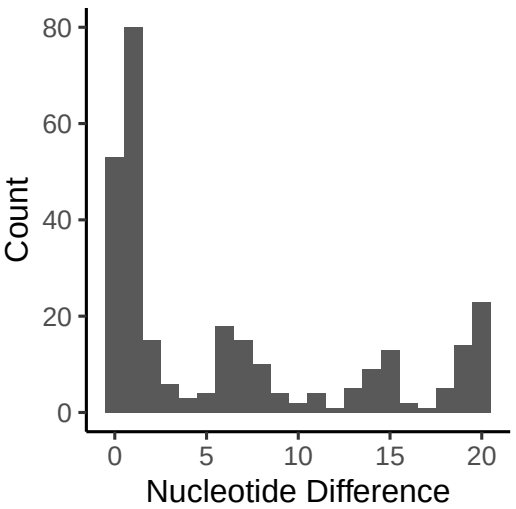
IGHV3−21*01

764 sequences assigned
91 (11.9%) exact matches, in which:
56 unique CDR3
6 unique J



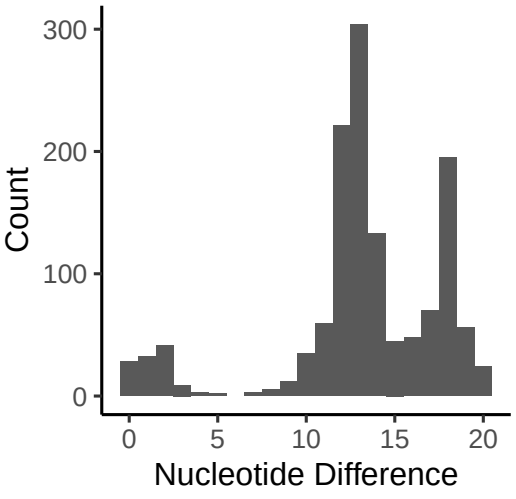
IGHV3−33*08

667 sequences assigned
53 (7.9%) exact matches, in which:
42 unique CDR3
4 unique J



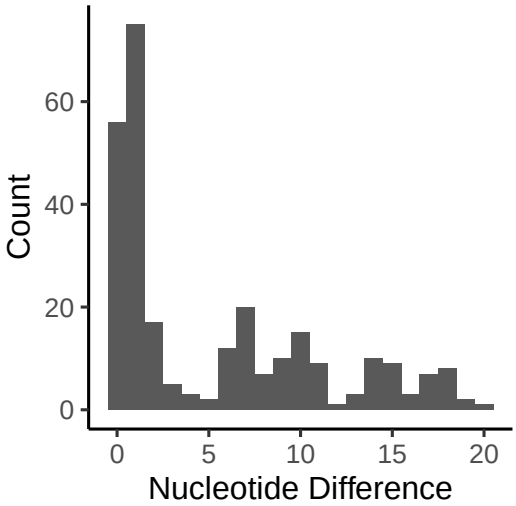
IGHV3−15*01

1358 sequences assigned
28 (2.1%) exact matches, in which:
25 unique CDR3
4 unique J



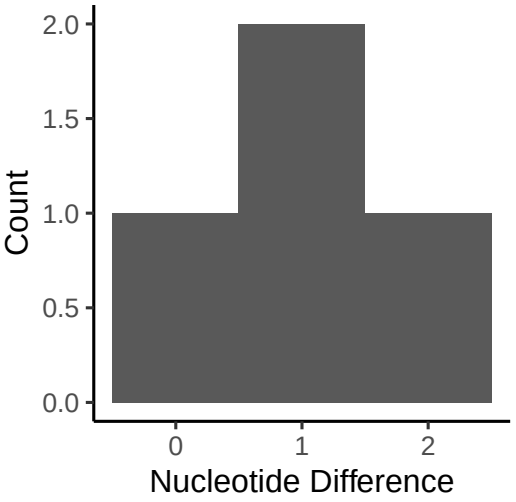
IGHV3−30−3*01

472 sequences assigned
56 (11.9%) exact matches, in which:
36 unique CDR3
6 unique J



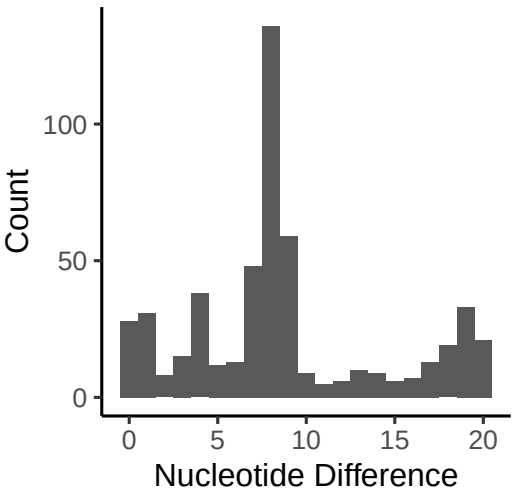
IGHV3−43*01

22 sequences assigned
1 (4.5%) exact matches, in which:
1 unique CDR3
1 unique J



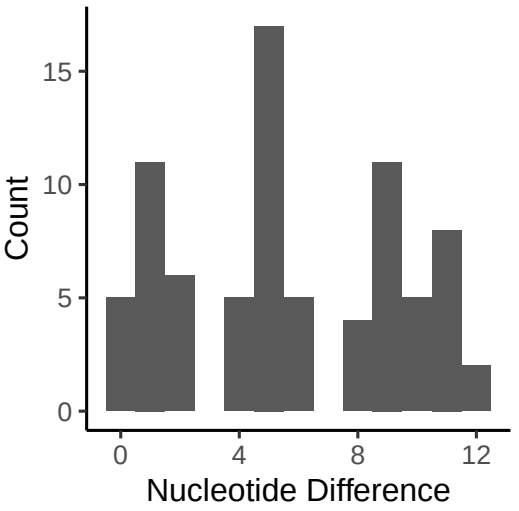
IGHV3−48*01

528 sequences assigned
28 (5.3%) exact matches, in which:
19 unique CDR3
4 unique J



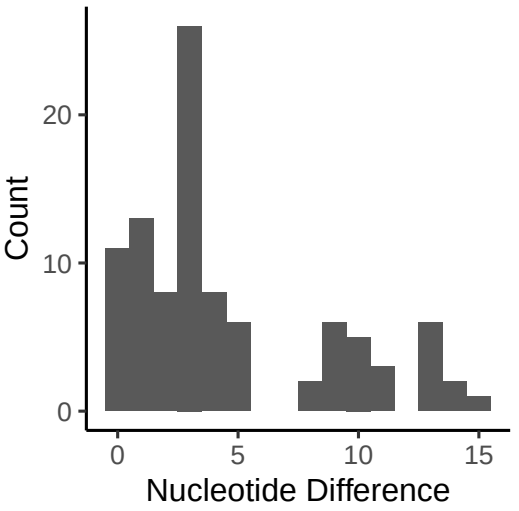
IGHV3−49*05

79 sequences assigned
5 (6.3%) exact matches, in which:
3 unique CDR3
2 unique J



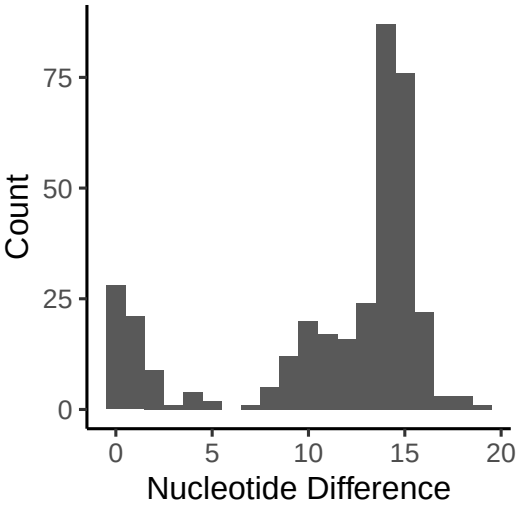
IGHV3−66*02

103 sequences assigned
11 (10.7%) exact matches, in which:
10 unique CDR3
5 unique J



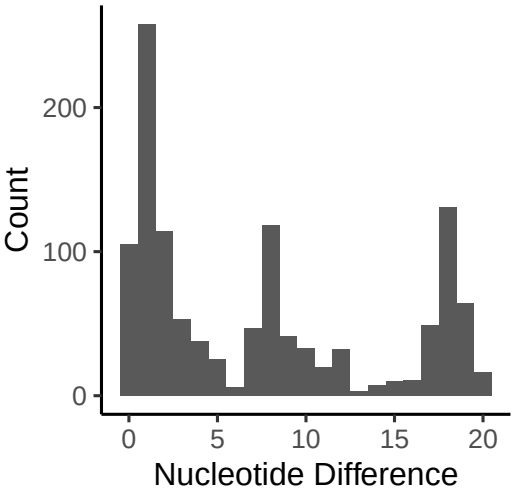
IGHV3−48*02

401 sequences assigned
28 (7%) exact matches, in which:
19 unique CDR3
6 unique J



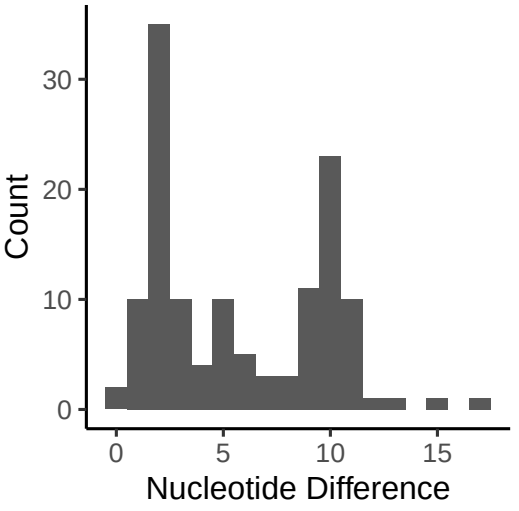
IGHV3−53*01

1544 sequences assigned
105 (6.8%) exact matches, in which:
75 unique CDR3
6 unique J



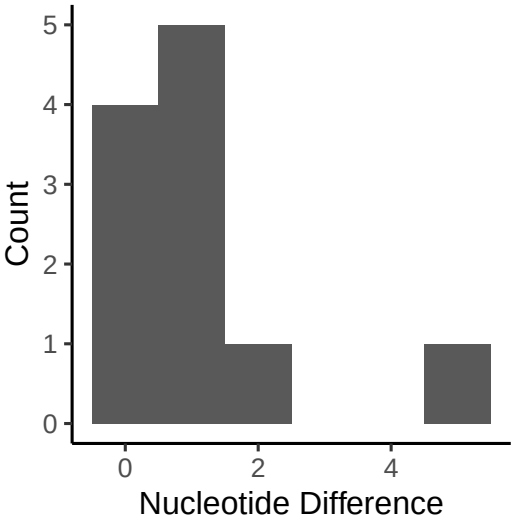
IGHV3−72*01

187 sequences assigned
2 (1.1%) exact matches, in which:
1 unique CDR3
1 unique J



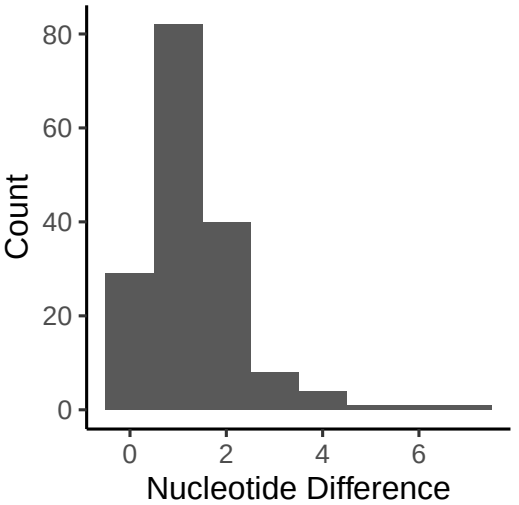
IGHV3−49*03

11 sequences assigned
4 (36.4%) exact matches, in which:
4 unique CDR3
3 unique J



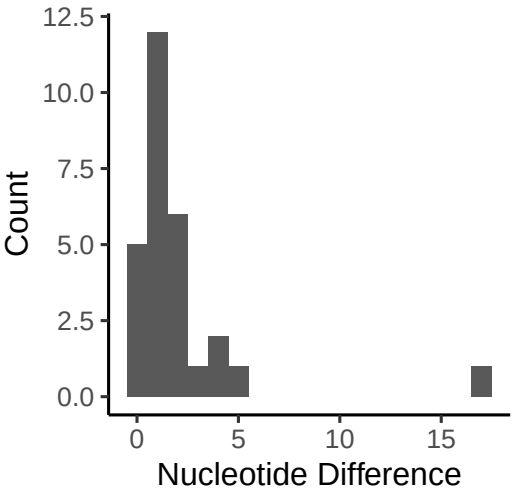
IGHV3−64*01

166 sequences assigned
29 (17.5%) exact matches, in which:
19 unique CDR3
2 unique J



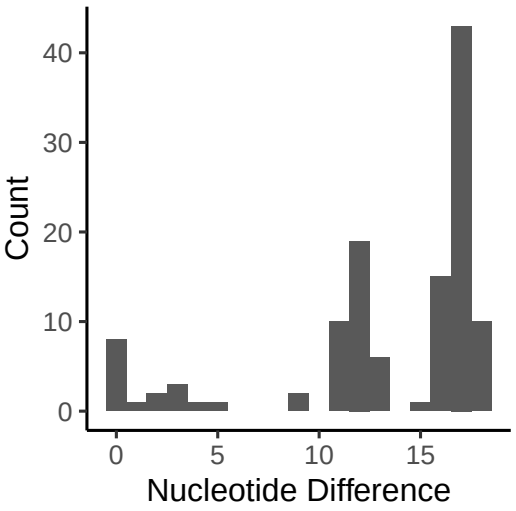
IGHV3−73*01

28 sequences assigned
5 (17.9%) exact matches, in which:
4 unique CDR3
2 unique J



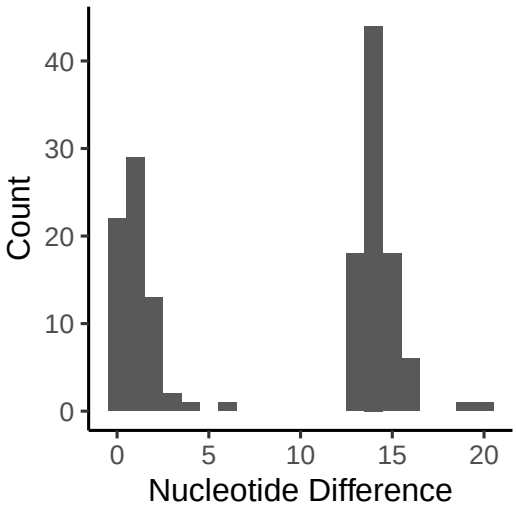
IGHV3−73*02

123 sequences assigned
8 (6.5%) exact matches, in which:
7 unique CDR3
2 unique J



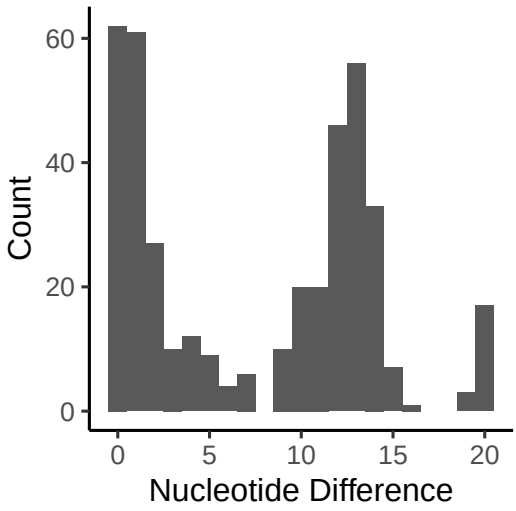
IGHV4−30−4*01

254 sequences assigned
22 (8.7%) exact matches, in which:
16 unique CDR3
3 unique J



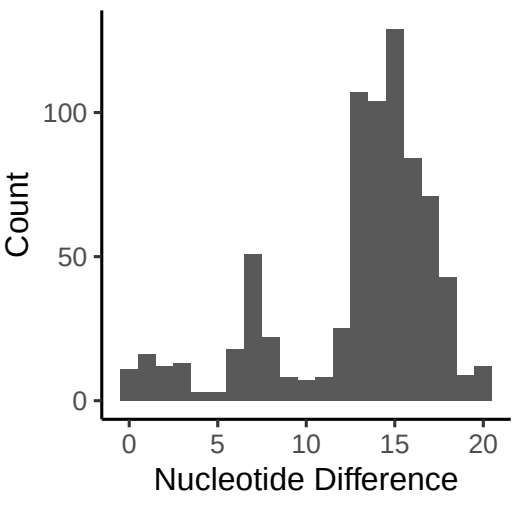
IGHV4−34*01

897 sequences assigned
62 (6.9%) exact matches, in which:
56 unique CDR3
6 unique J



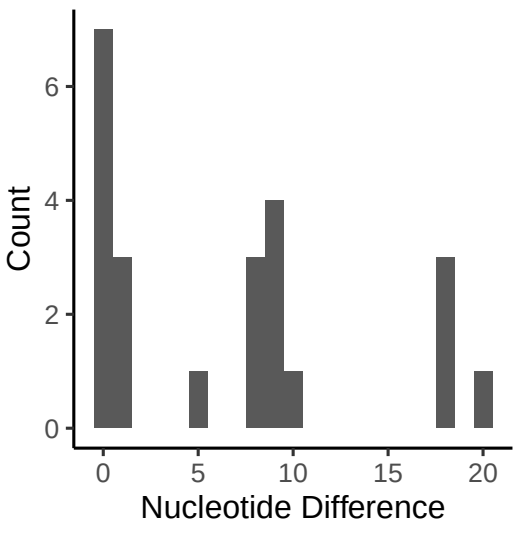
IGHV3−74*01

965 sequences assigned
11 (1.1%) exact matches, in which:
10 unique CDR3
4 unique J



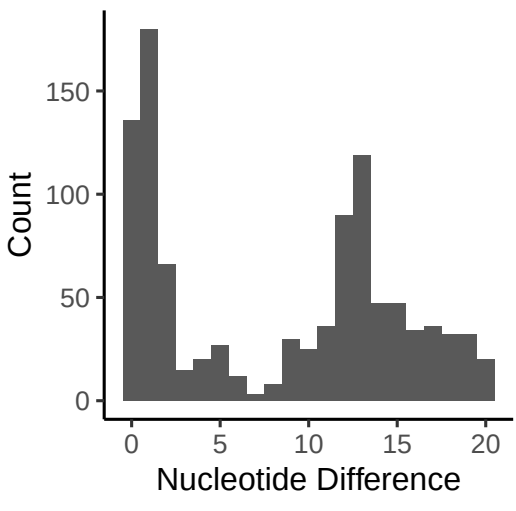
IGHV4−30−2*01

25 sequences assigned
7 (28%) exact matches, in which:
5 unique CDR3
3 unique J



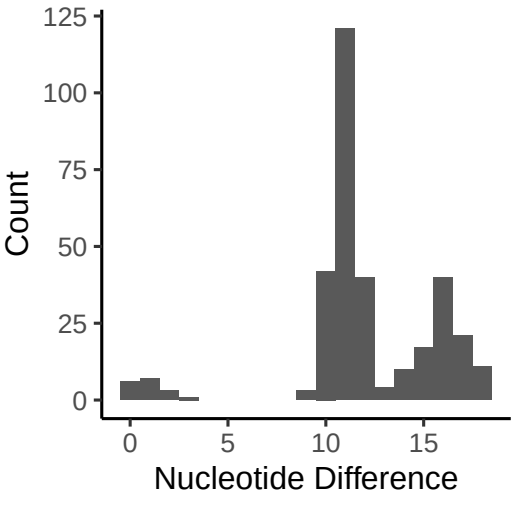
IGHV4−39*01

1295 sequences assigned
136 (10.5%) exact matches, in which:
102 unique CDR3
7 unique J



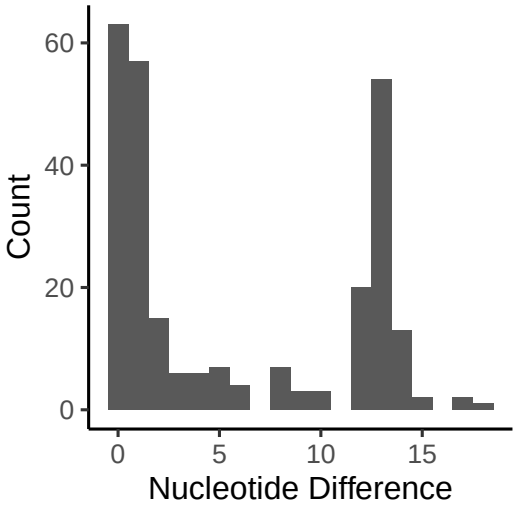
IGHV4−4*07

468 sequences assigned
6 (1.3%) exact matches, in which:
4 unique CDR3
3 unique J



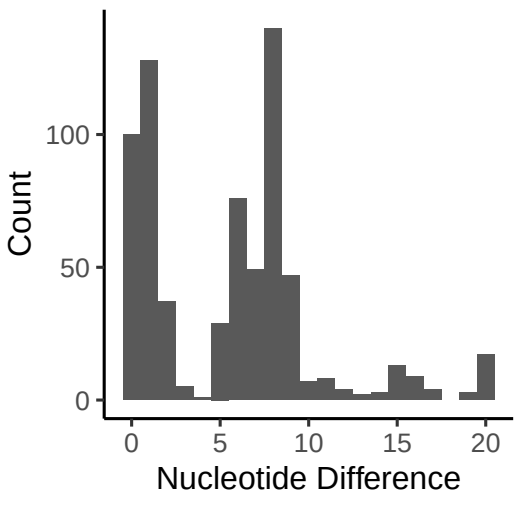
IGHV4−31*03

276 sequences assigned
63 (22.8%) exact matches, in which:
35 unique CDR3
5 unique J



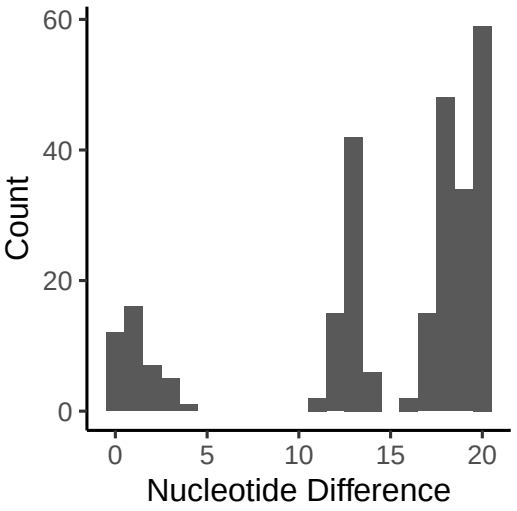
IGHV4−59*01

1274 sequences assigned
100 (7.8%) exact matches, in which:
68 unique CDR3
5 unique J



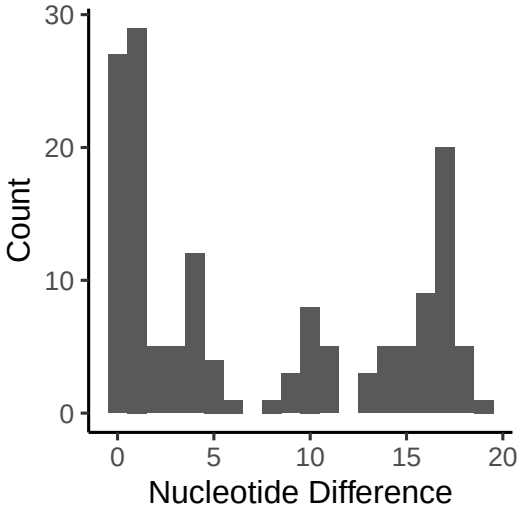
IGHV4−61*01

279 sequences assigned
12 (4.3%) exact matches, in which:
7 unique CDR3
2 unique J



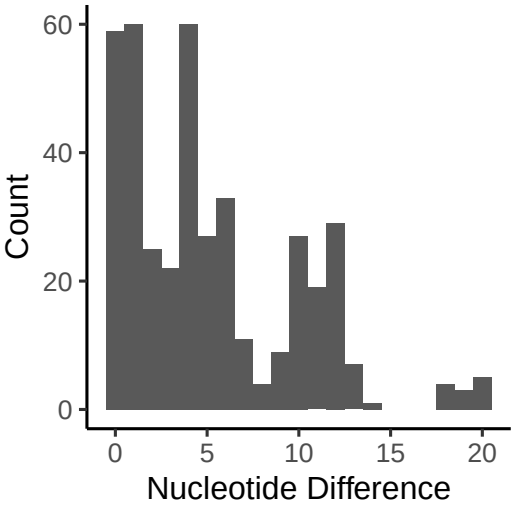
IGHV5−51*03

192 sequences assigned
27 (14.1%) exact matches, in which:
23 unique CDR3
4 unique J



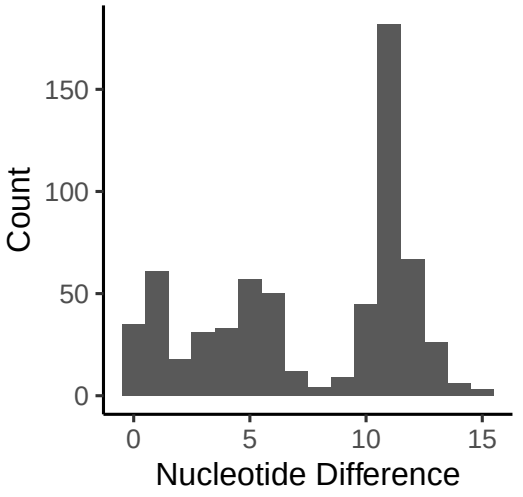
IGHV4−61*02

539 sequences assigned
59 (10.9%) exact matches, in which:
34 unique CDR3
6 unique J



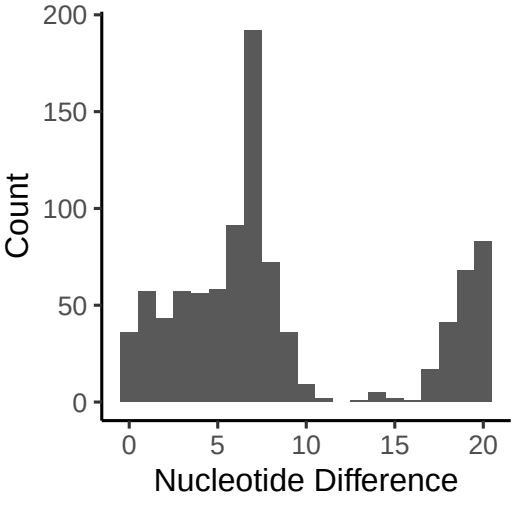
IGHV6−1*01

639 sequences assigned
35 (5.5%) exact matches, in which:
18 unique CDR3
4 unique J



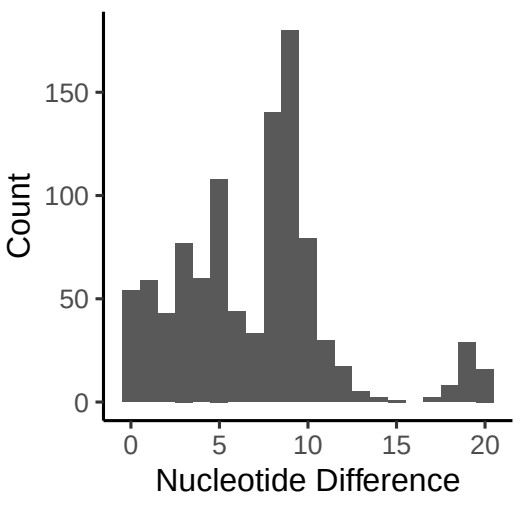
IGHV5−51*01

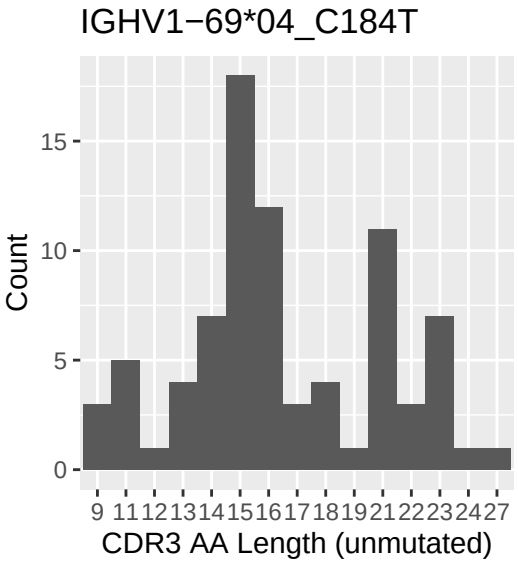
1171 sequences assigned
36 (3.1%) exact matches, in which:
32 unique CDR3
4 unique J

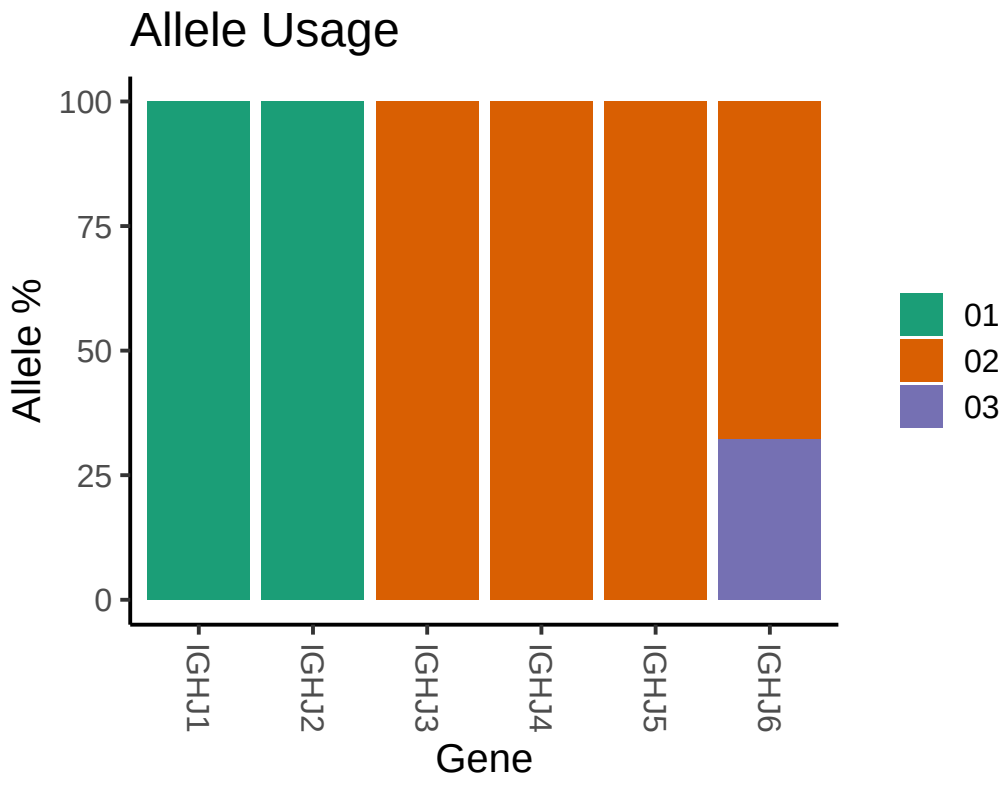


IGHV7−4−1*02

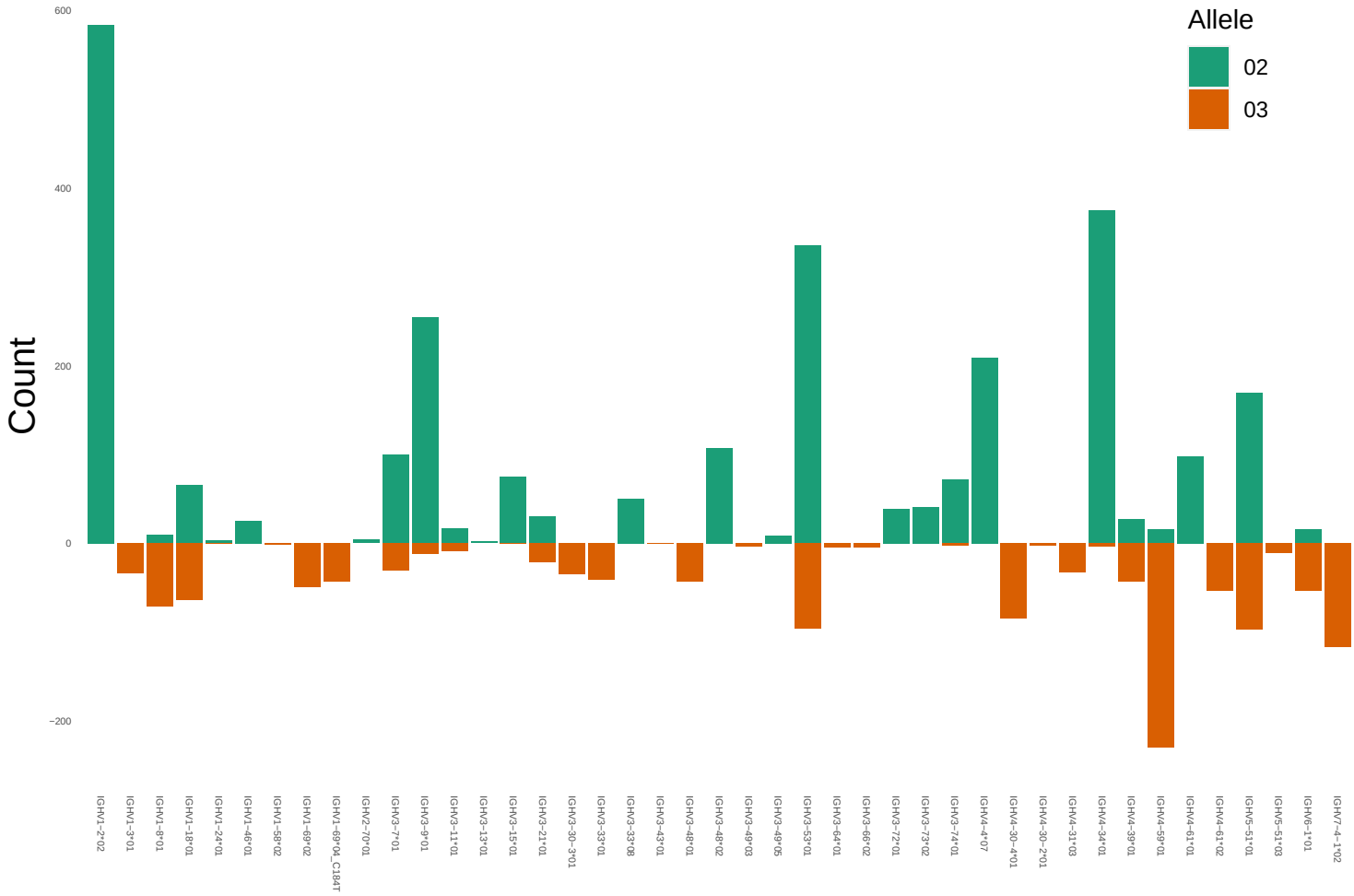
1047 sequences assigned
54 (5.2%) exact matches, in which:
32 unique CDR3
6 unique J




IGHV1−69*04_C184T
Count
0
5
10
15
9 11 12 13 14 15 16 17 18 19 21 22 23 24 27
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.