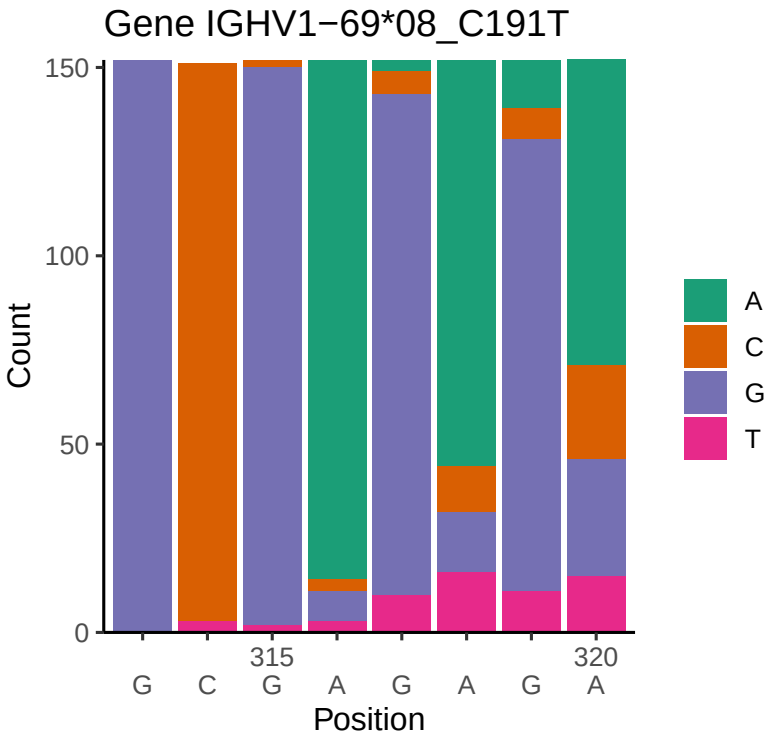
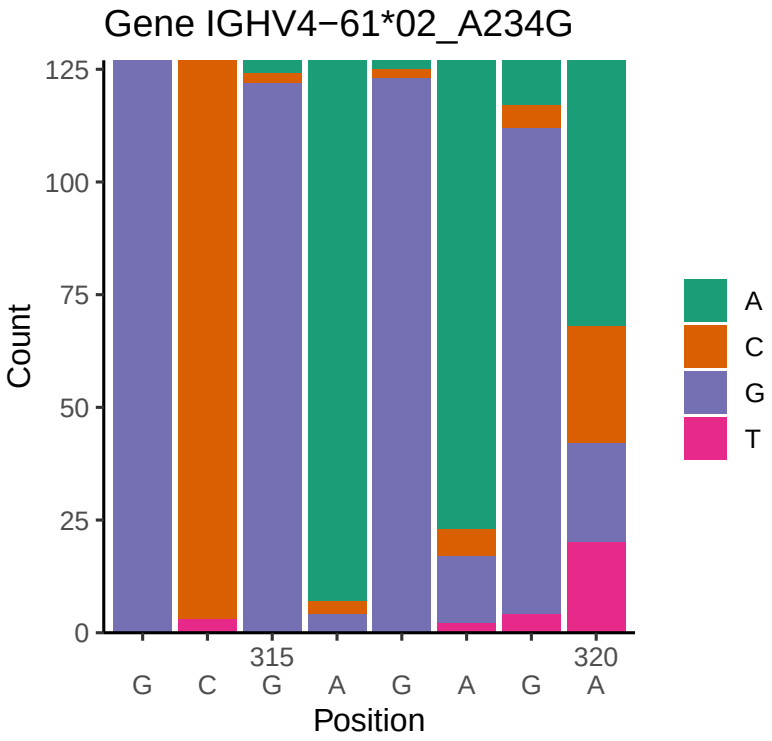
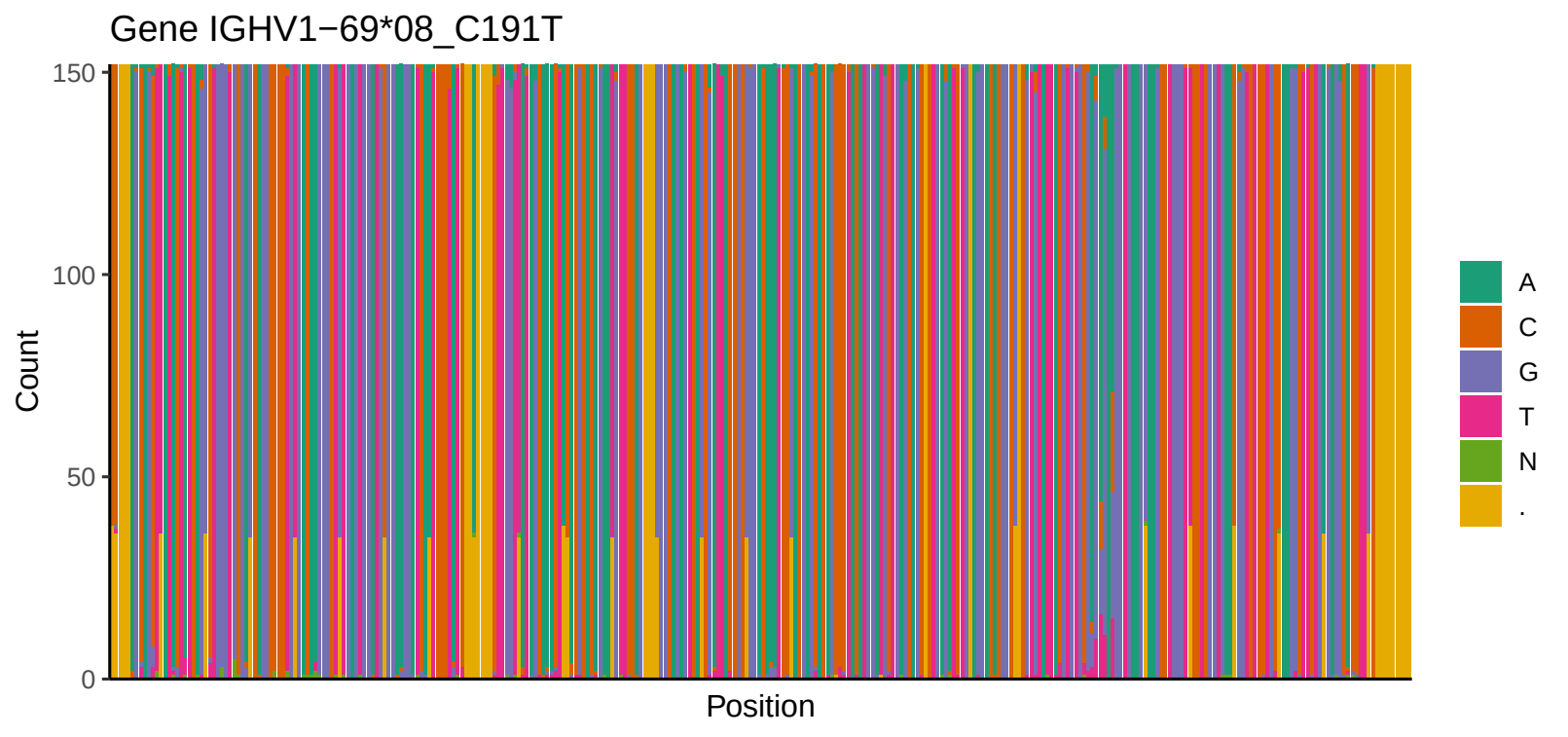
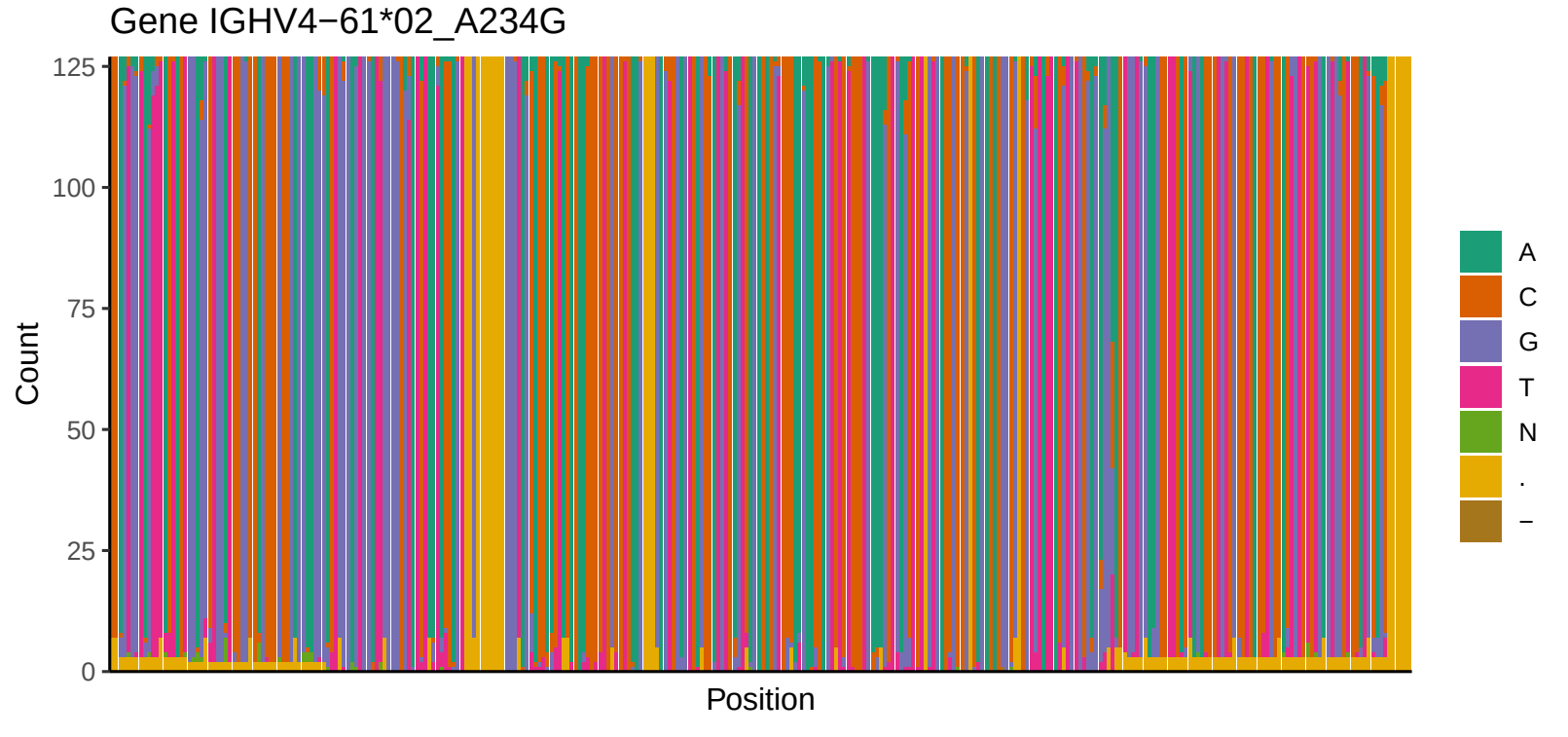
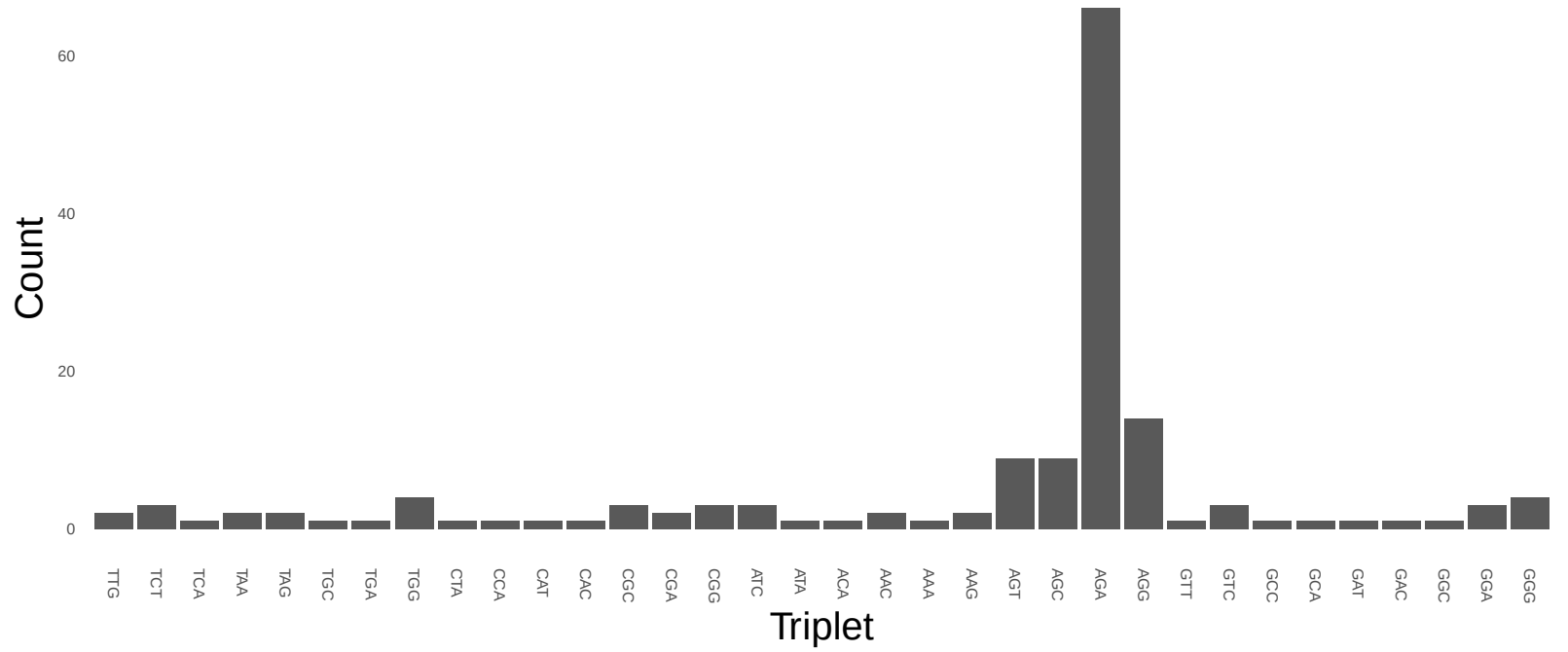

Gene IGHV1−69*08_C191T
150
100
50
0
Count
315
320
G C G A G A G A
Position
A
C
G
T


Gene IGHV4−61*02_A234G
125
100
75
50
25
0
Count
315
320
G C G A G A G A
Position
A
C
G
T

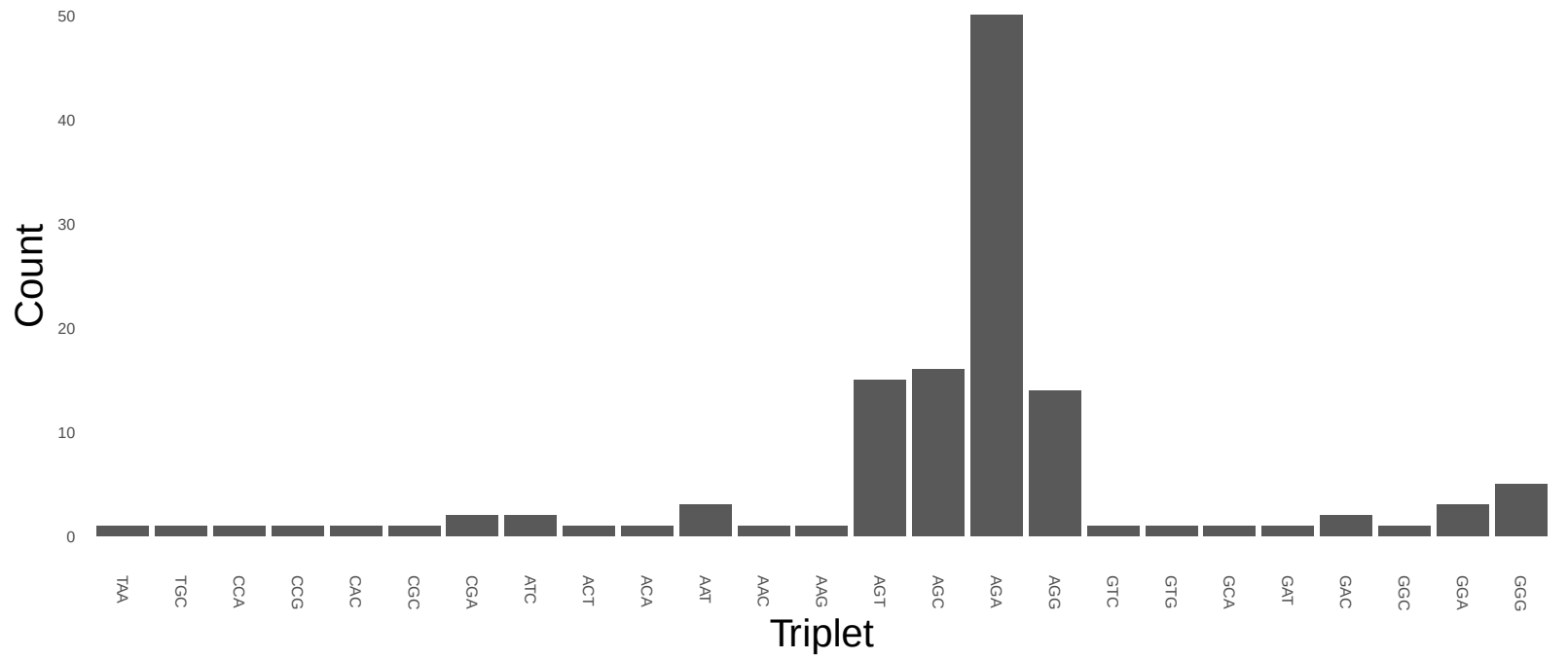

Gene IGHV1−69*08_C191T
150
100
50
0
Count
Position
A
C
G
T
N
.


Gene IGHV4−61*02_A234G
125
100
75
50
25
0
Count
Position
A
C
G
T
N
.
–

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

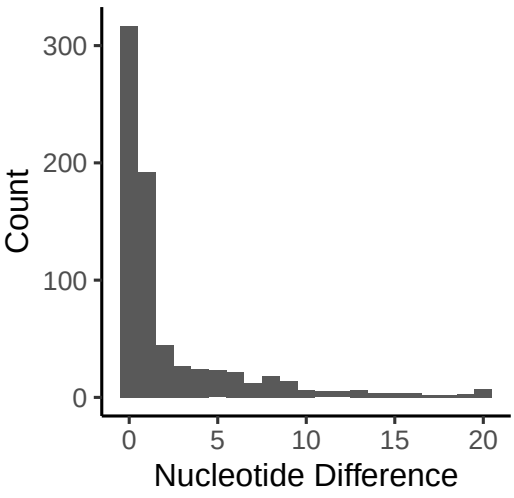


IGHV4−61*02_A234G− Final 3 nucleotides as a triplet



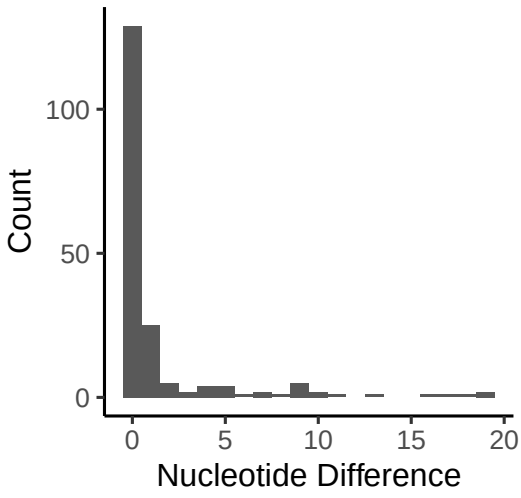
IGHV1−2*02

770 sequences assigned
317 (41.2%) exact matches, in which:
313 unique CDR3
7 unique J



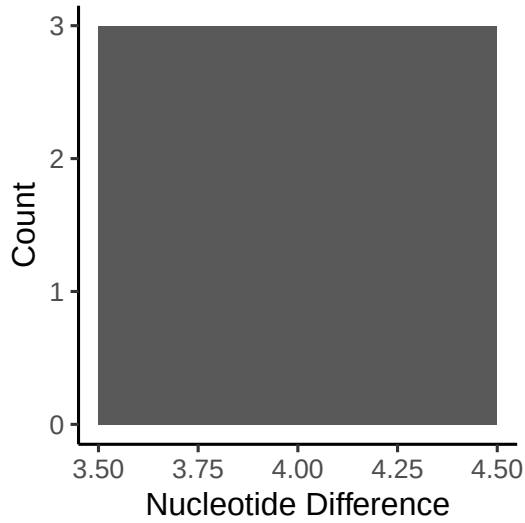
IGHV1−8*01

191 sequences assigned
129 (67.5%) exact matches, in which:
126 unique CDR3
7 unique J



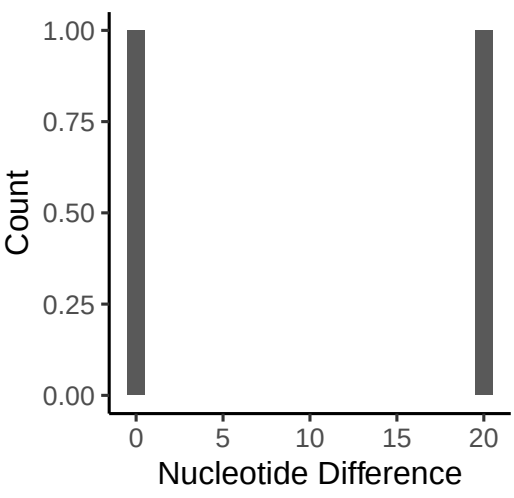
IGHV1−45*02

3 sequences assigned
No exact matches.



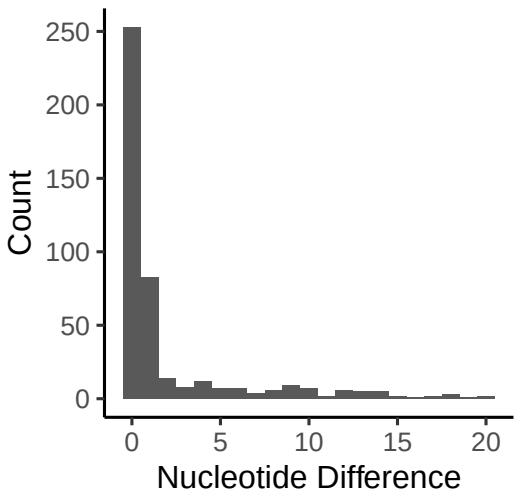
IGHV1−3*01

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



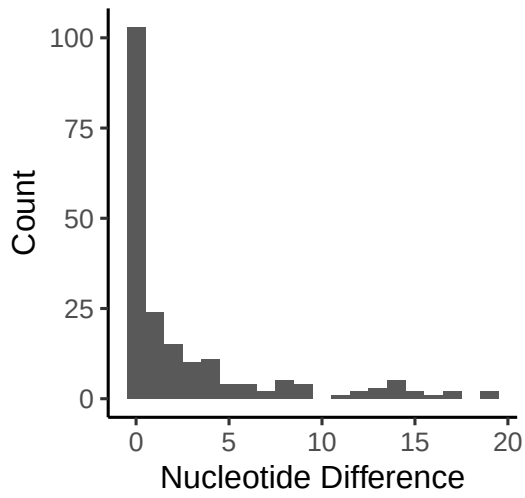
IGHV1−18*01

449 sequences assigned
253 (56.3%) exact matches, in which:
247 unique CDR3
7 unique J



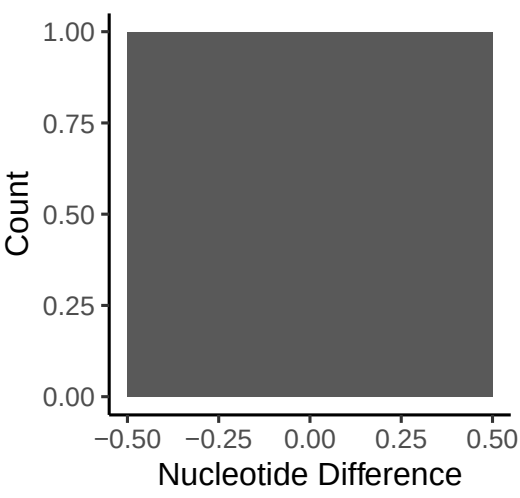
IGHV1−46*03

206 sequences assigned
103 (50%) exact matches, in which:
102 unique CDR3
7 unique J



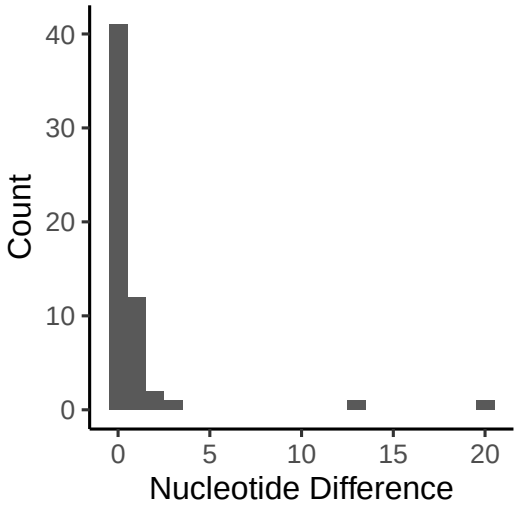
IGHV1−3*02

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



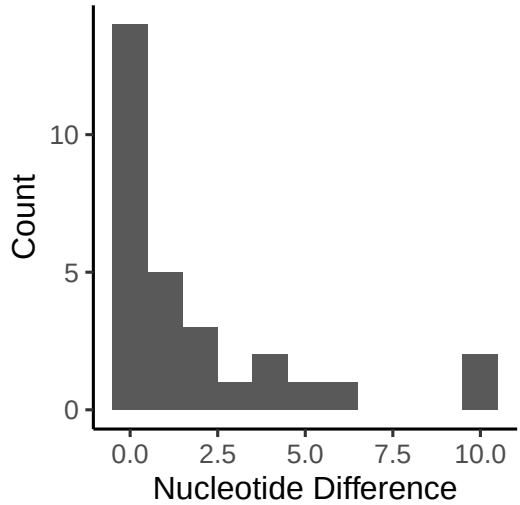
IGHV1−24*01

62 sequences assigned
41 (66.1%) exact matches, in which:
40 unique CDR3
7 unique J



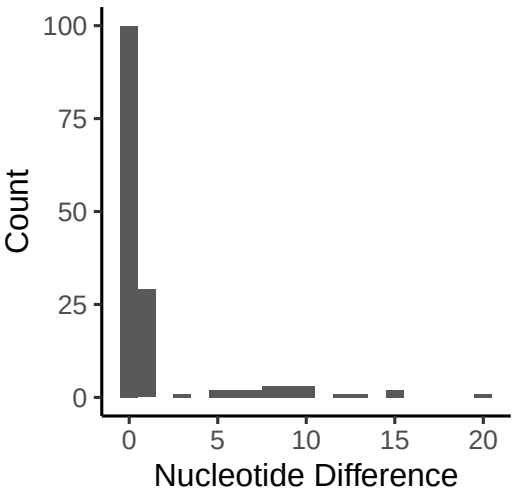
IGHV1−58*02

33 sequences assigned
14 (42.4%) exact matches, in which:
13 unique CDR3
5 unique J



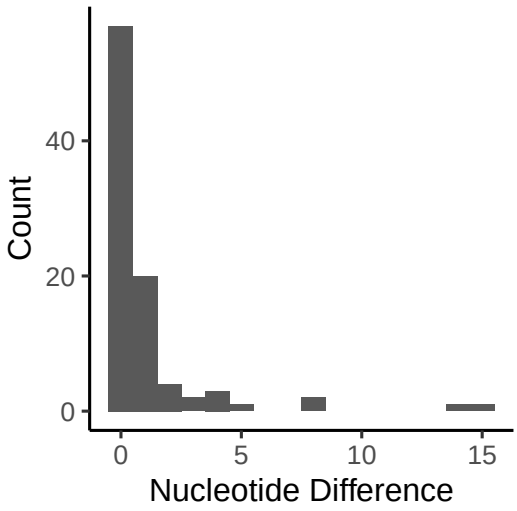
IGHV1−69*08_C191T

152 sequences assigned
100 (65.8%) exact matches, in which:
94 unique CDR3
5 unique J



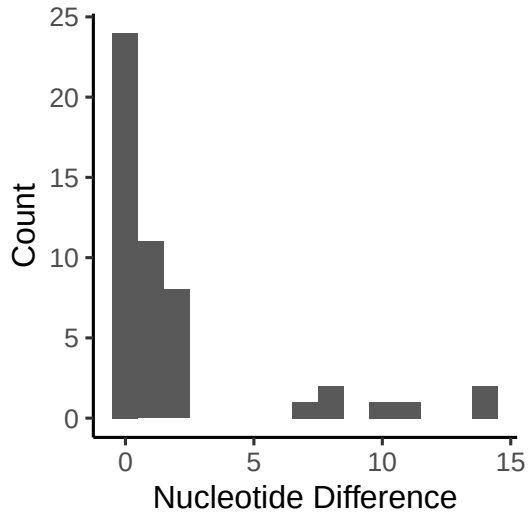
IGHV2−26*01

92 sequences assigned
57 (62%) exact matches, in which:
57 unique CDR3
6 unique J



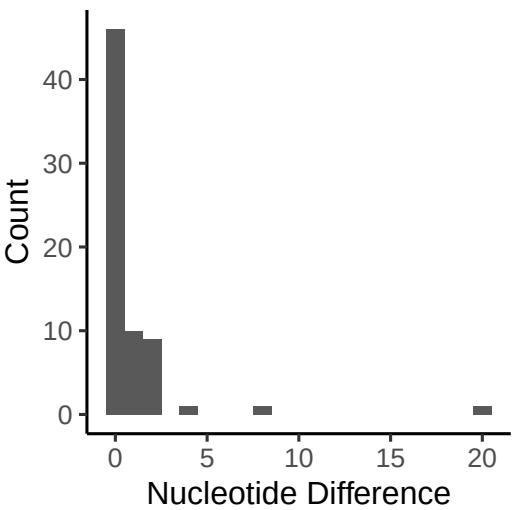
IGHV3−7*04

50 sequences assigned
24 (48%) exact matches, in which:
24 unique CDR3
6 unique J



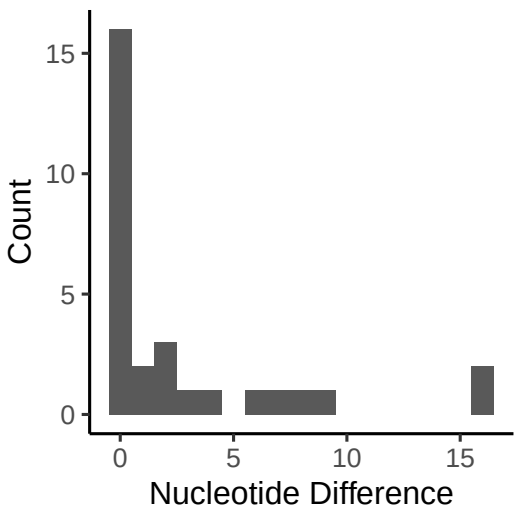
IGHV2−5*01

68 sequences assigned
46 (67.6%) exact matches, in which:
46 unique CDR3
5 unique J



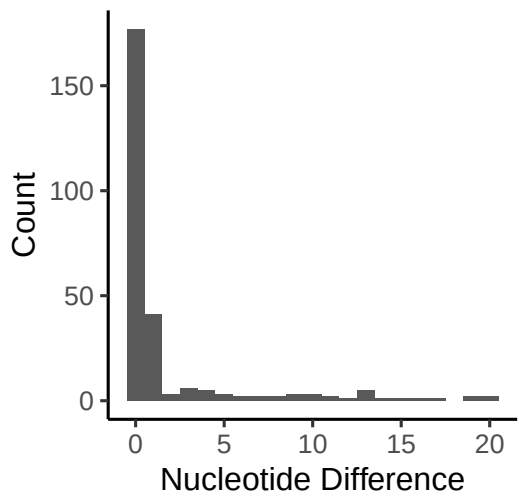
IGHV2−70*01

29 sequences assigned
16 (55.2%) exact matches, in which:
16 unique CDR3
4 unique J



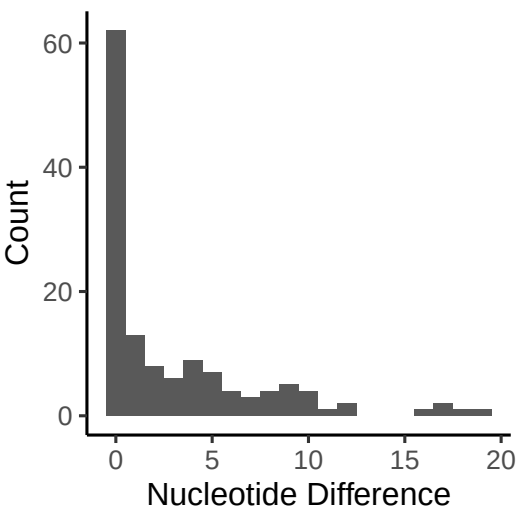
IGHV3−9*01

278 sequences assigned
177 (63.7%) exact matches, in which:
171 unique CDR3
7 unique J



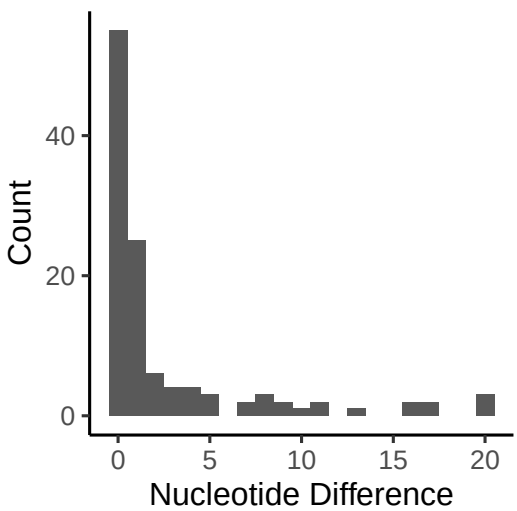
IGHV2−5*02

136 sequences assigned
62 (45.6%) exact matches, in which:
62 unique CDR3
5 unique J



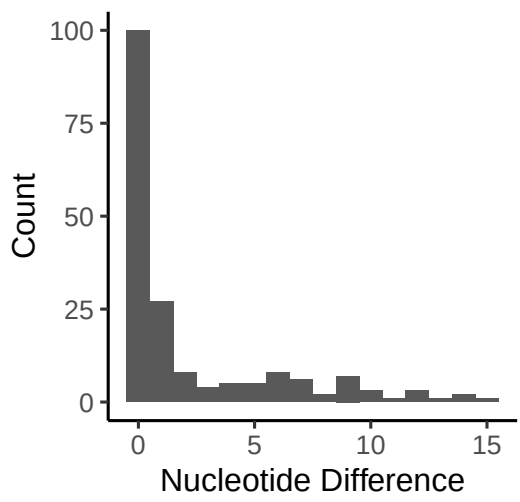
IGHV3−7*01

164 sequences assigned
55 (33.5%) exact matches, in which:
53 unique CDR3
4 unique J



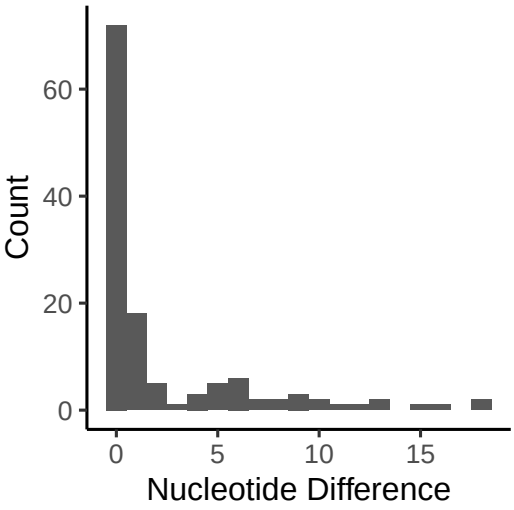
IGHV3−11*01

200 sequences assigned
100 (50%) exact matches, in which:
96 unique CDR3
6 unique J



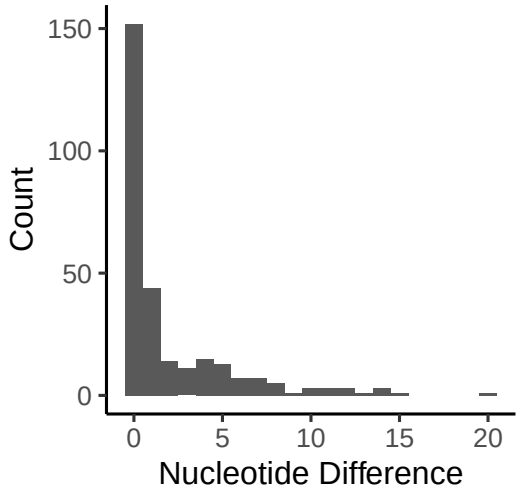
IGHV3−11*06

127 sequences assigned
72 (56.7%) exact matches, in which:
71 unique CDR3
5 unique J



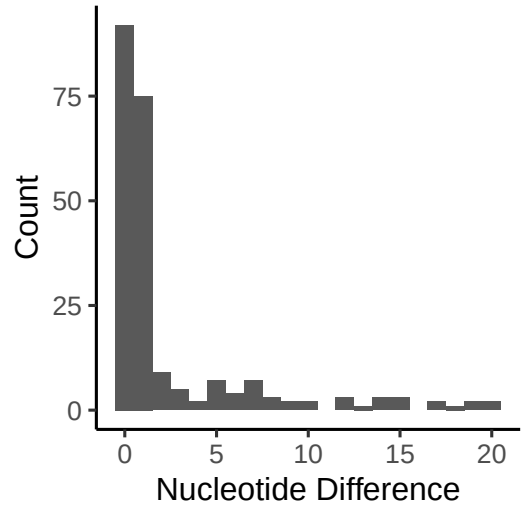
IGHV3−15*01

297 sequences assigned
152 (51.2%) exact matches, in which:
148 unique CDR3
6 unique J



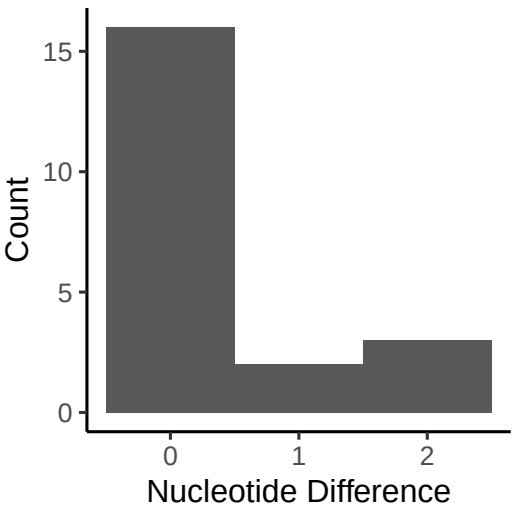
IGHV3−30−3*01

239 sequences assigned
92 (38.5%) exact matches, in which:
92 unique CDR3
5 unique J



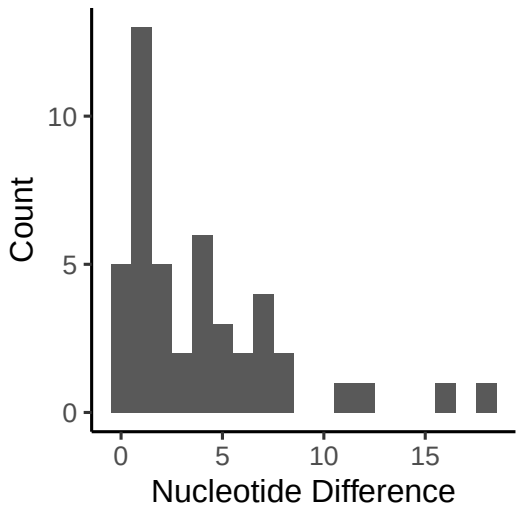
IGHV3−13*01

21 sequences assigned
16 (76.2%) exact matches, in which:
16 unique CDR3
4 unique J



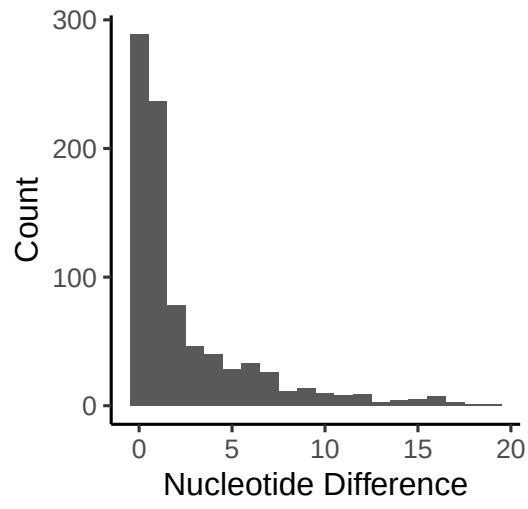
IGHV3−20*01

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



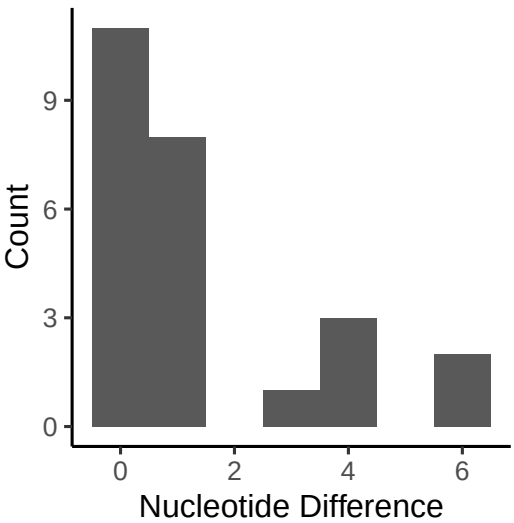
IGHV3−33*01

870 sequences assigned
289 (33.2%) exact matches, in which:
281 unique CDR3
6 unique J



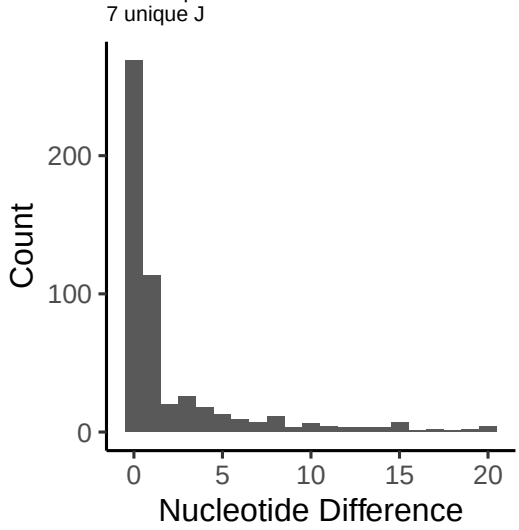
IGHV3−13*05

25 sequences assigned
11 (44%) exact matches, in which:
11 unique CDR3
4 unique J



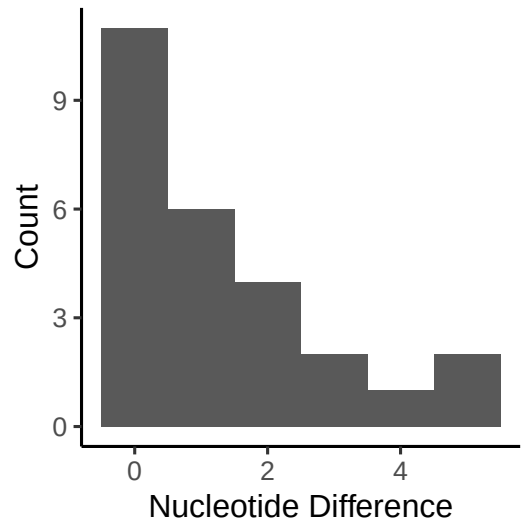
IGHV3−21*01

538 sequences assigned
269 (50%) exact matches, in which:
266 unique CDR3
7 unique J



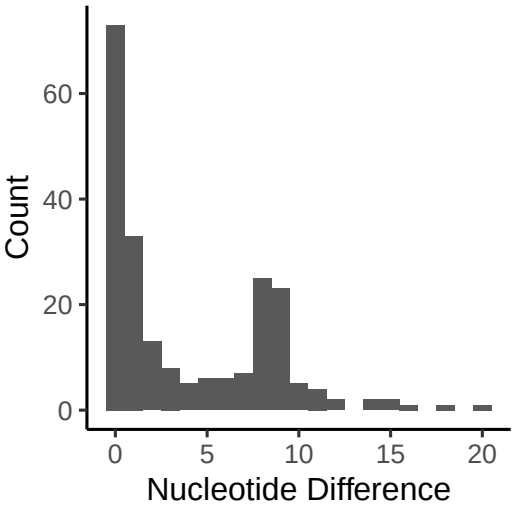
IGHV3−43*01

27 sequences assigned
11 (40.7%) exact matches, in which:
10 unique CDR3
3 unique J



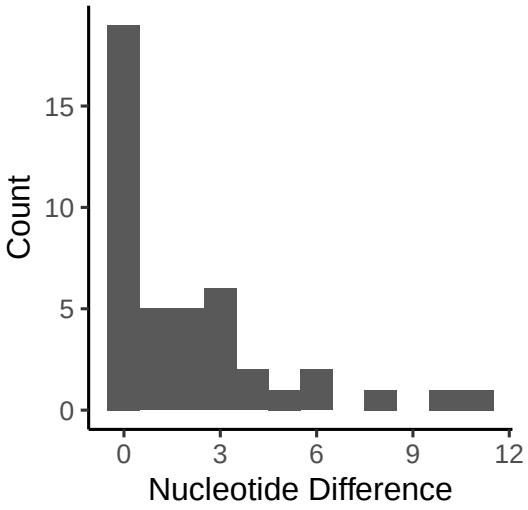
IGHV3−48*01

222 sequences assigned
73 (32.9%) exact matches, in which:
72 unique CDR3
7 unique J



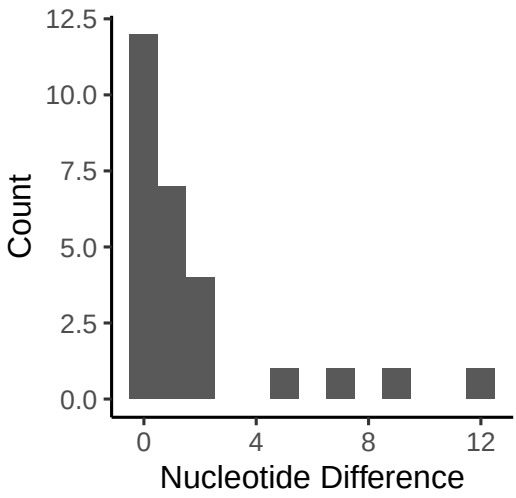
IGHV3−64*01

43 sequences assigned
19 (44.2%) exact matches, in which:
18 unique CDR3
3 unique J



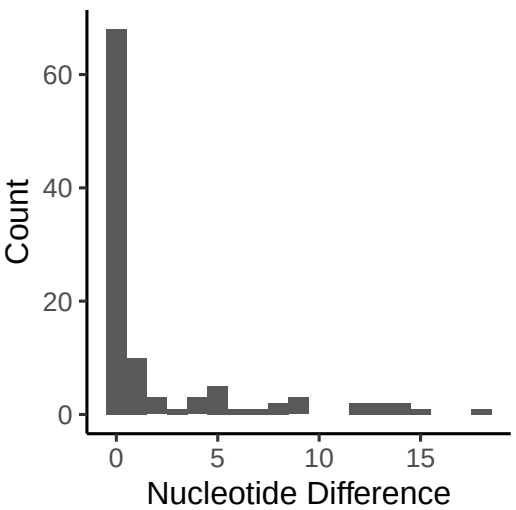
IGHV3−73*01

28 sequences assigned
12 (42.9%) exact matches, in which:
12 unique CDR3
4 unique J



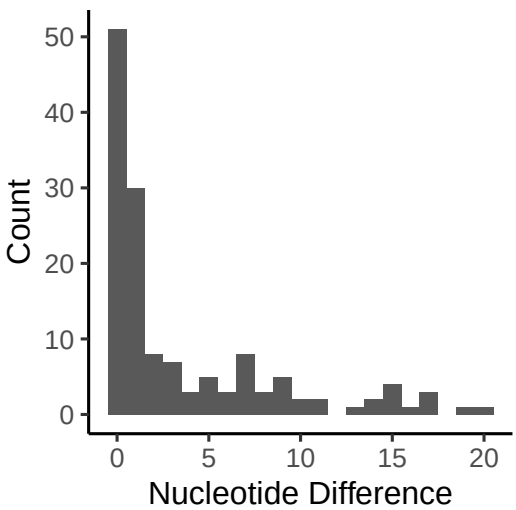
IGHV3−49*03

106 sequences assigned
68 (64.2%) exact matches, in which:
67 unique CDR3
6 unique J



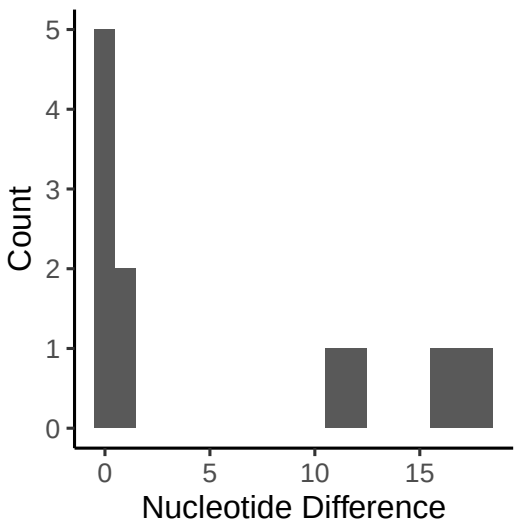
IGHV3−66*02

141 sequences assigned
51 (36.2%) exact matches, in which:
50 unique CDR3
5 unique J



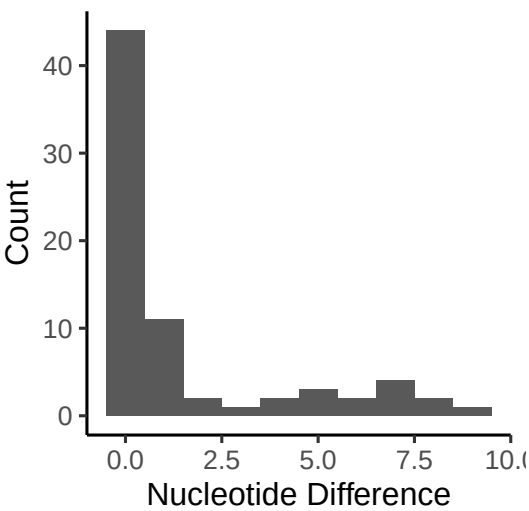
IGHV3−73*02

15 sequences assigned
5 (33.3%) exact matches, in which:
5 unique CDR3
2 unique J



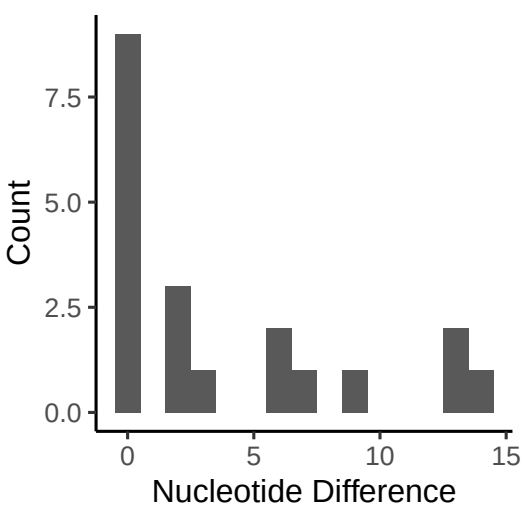
IGHV3−53*02

75 sequences assigned
44 (58.7%) exact matches, in which:
42 unique CDR3
6 unique J



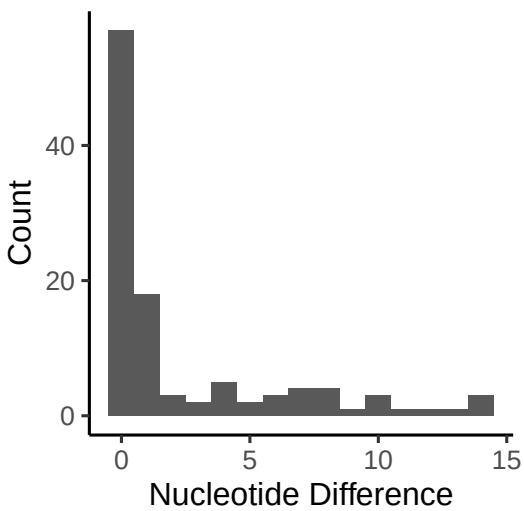
IGHV3−72*01

22 sequences assigned
9 (40.9%) exact matches, in which:
7 unique CDR3
2 unique J



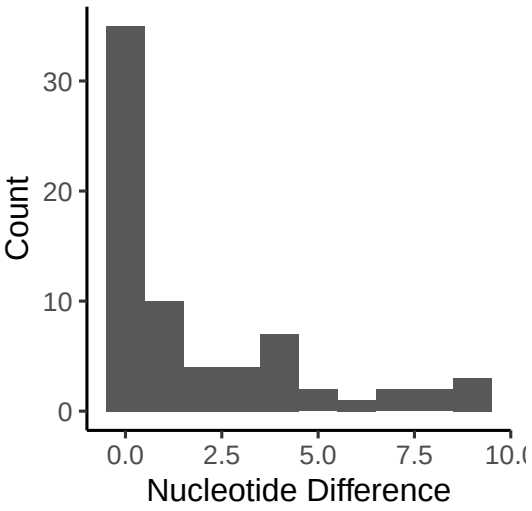
IGHV3−74*01

114 sequences assigned
57 (50%) exact matches, in which:
57 unique CDR3
6 unique J



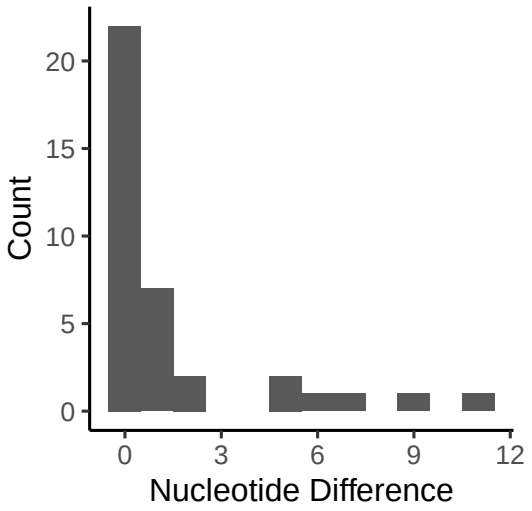
IGHV3−64D*06

70 sequences assigned
35 (50%) exact matches, in which:
34 unique CDR3
4 unique J



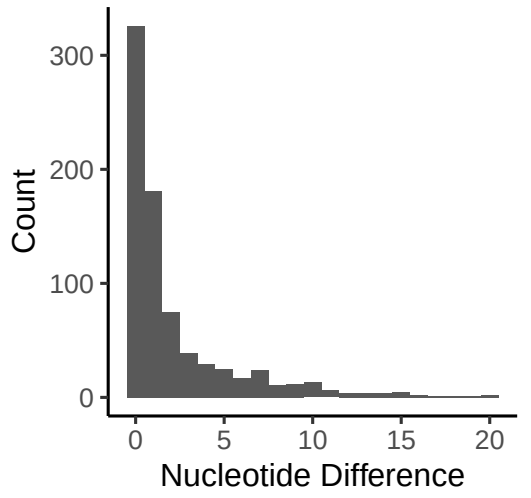
IGHV4−30−4*01

38 sequences assigned
22 (57.9%) exact matches, in which:
21 unique CDR3
6 unique J



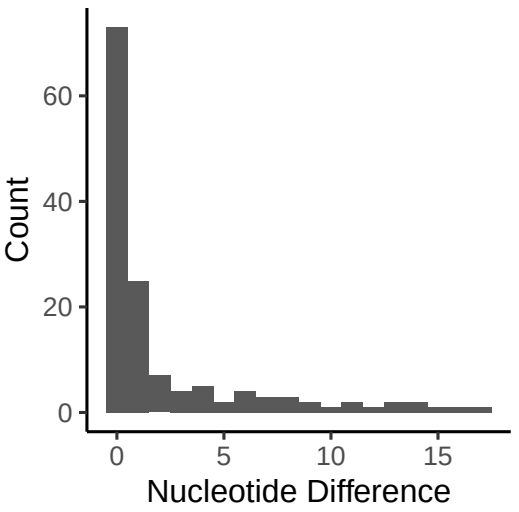
IGHV4−34*01

792 sequences assigned
326 (41.2%) exact matches, in which:
311 unique CDR3
7 unique J



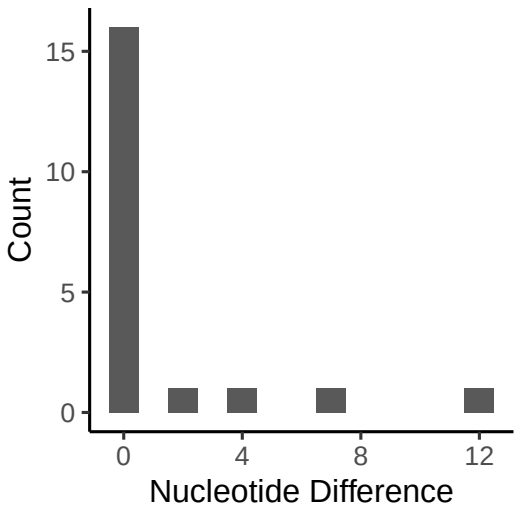
IGHV4−4*07

145 sequences assigned
73 (50.3%) exact matches, in which:
73 unique CDR3
5 unique J



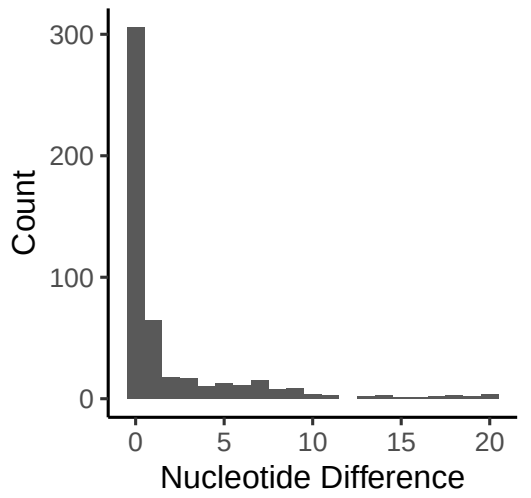
IGHV4−30−2*01

20 sequences assigned
16 (80%) exact matches, in which:
16 unique CDR3
5 unique J



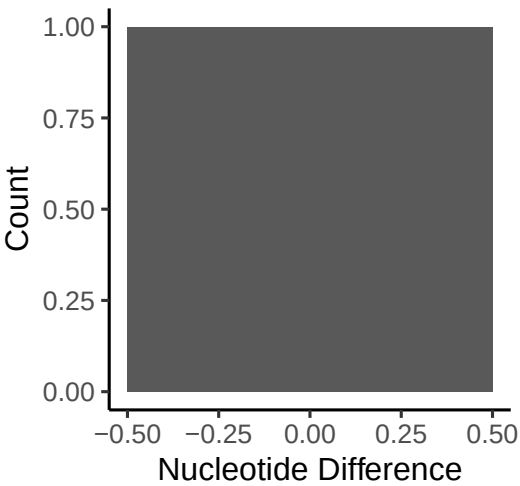
IGHV4−39*01

507 sequences assigned
306 (60.4%) exact matches, in which:
299 unique CDR3
6 unique J



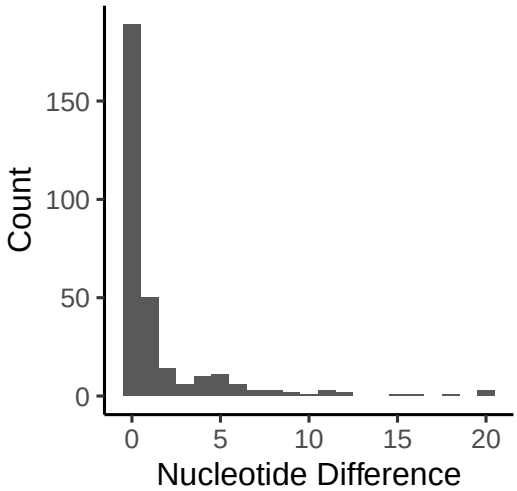
IGHV4−28*01

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



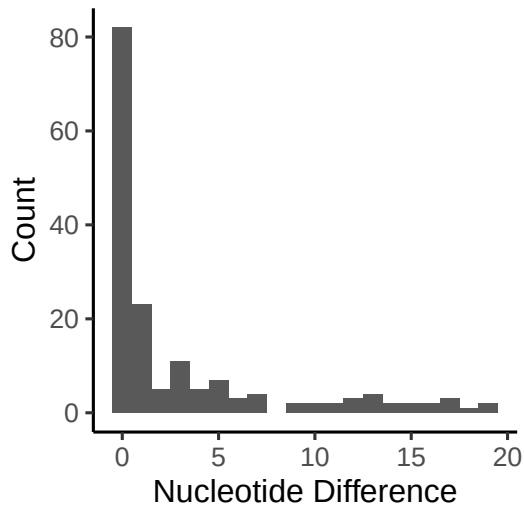
IGHV4−31*03

317 sequences assigned
189 (59.6%) exact matches, in which:
187 unique CDR3
7 unique J



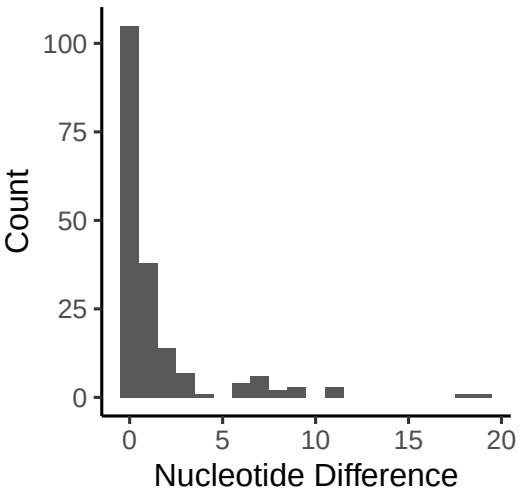
IGHV4−59*01

187 sequences assigned
82 (43.9%) exact matches, in which:
81 unique CDR3
6 unique J



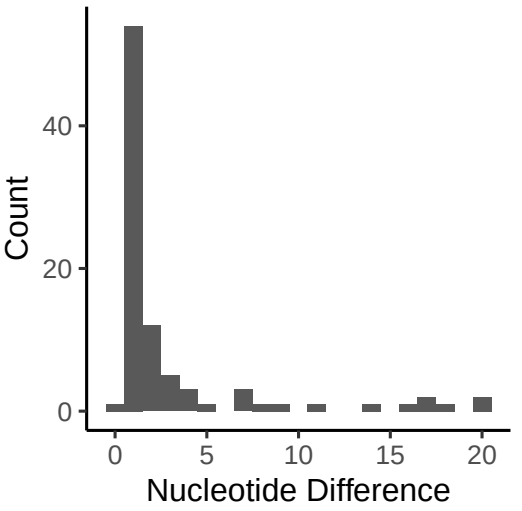
IGHV4−61*02

187 sequences assigned
105 (56.1%) exact matches, in which:
104 unique CDR3
5 unique J



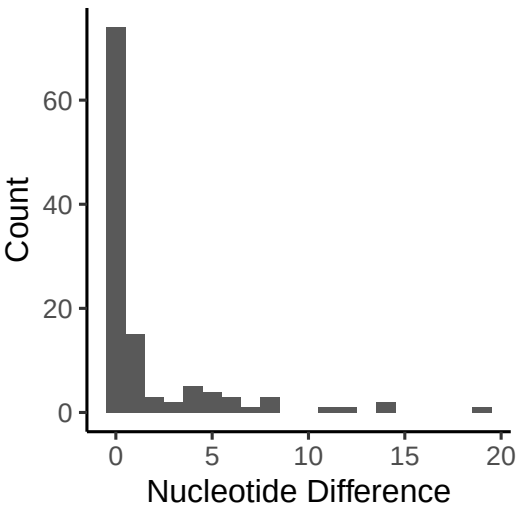
IGHV5−51*01

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



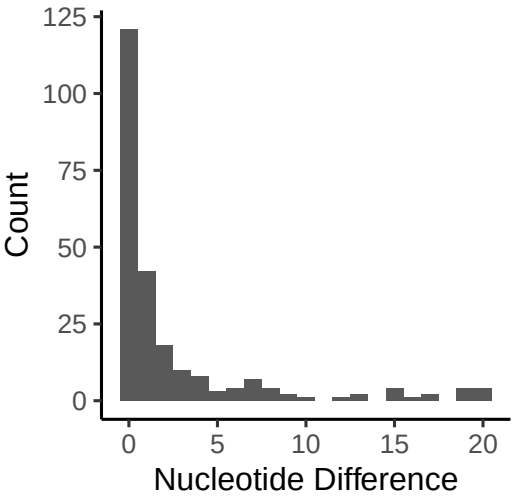
IGHV4−61*02_A234G

127 sequences assigned
74 (58.3%) exact matches, in which:
74 unique CDR3
5 unique J



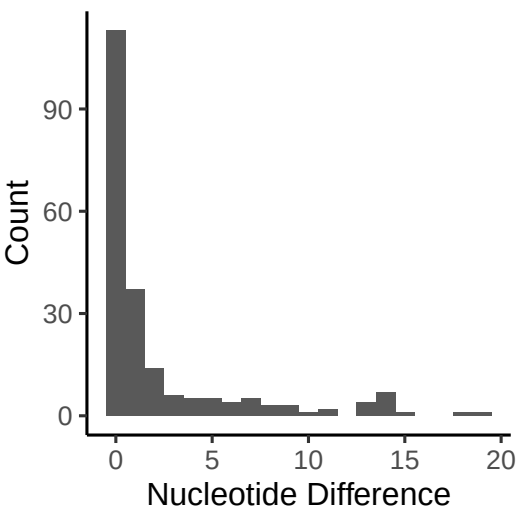
IGHV5−51*03

243 sequences assigned
121 (49.8%) exact matches, in which:
118 unique CDR3
7 unique J



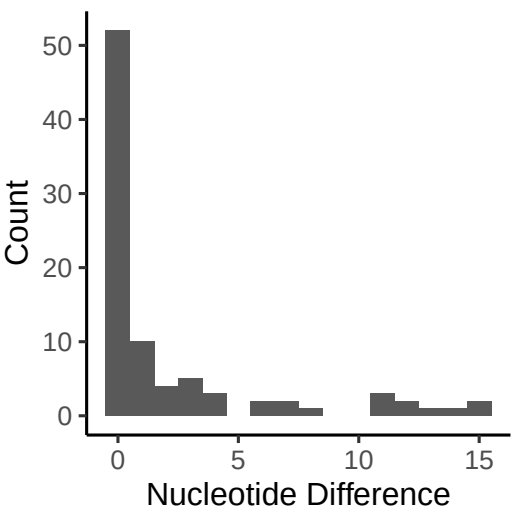
IGHV5−10−1*03

213 sequences assigned
113 (53.1%) exact matches, in which:
112 unique CDR3
6 unique J

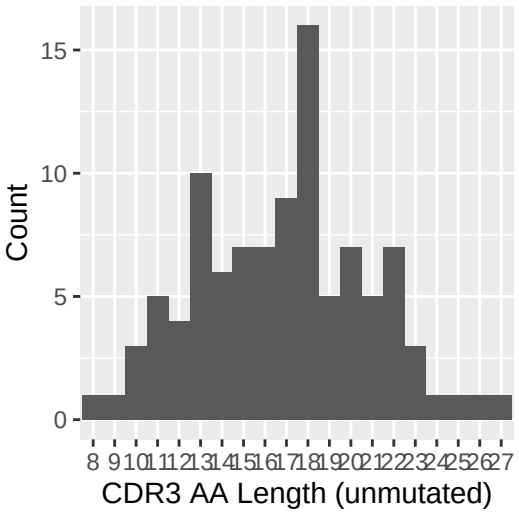


IGHV6−1*01

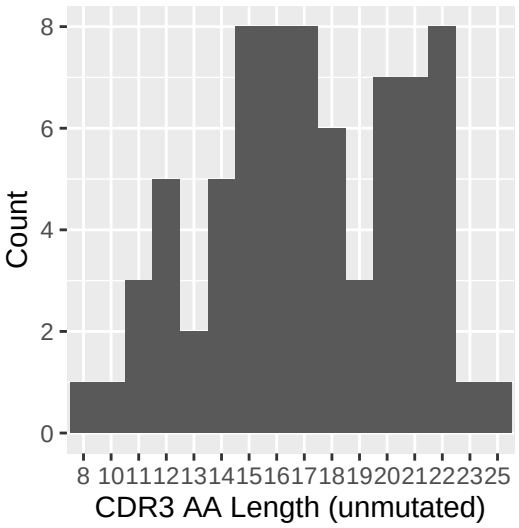
93 sequences assigned
52 (55.9%) exact matches, in which:
49 unique CDR3
6 unique J

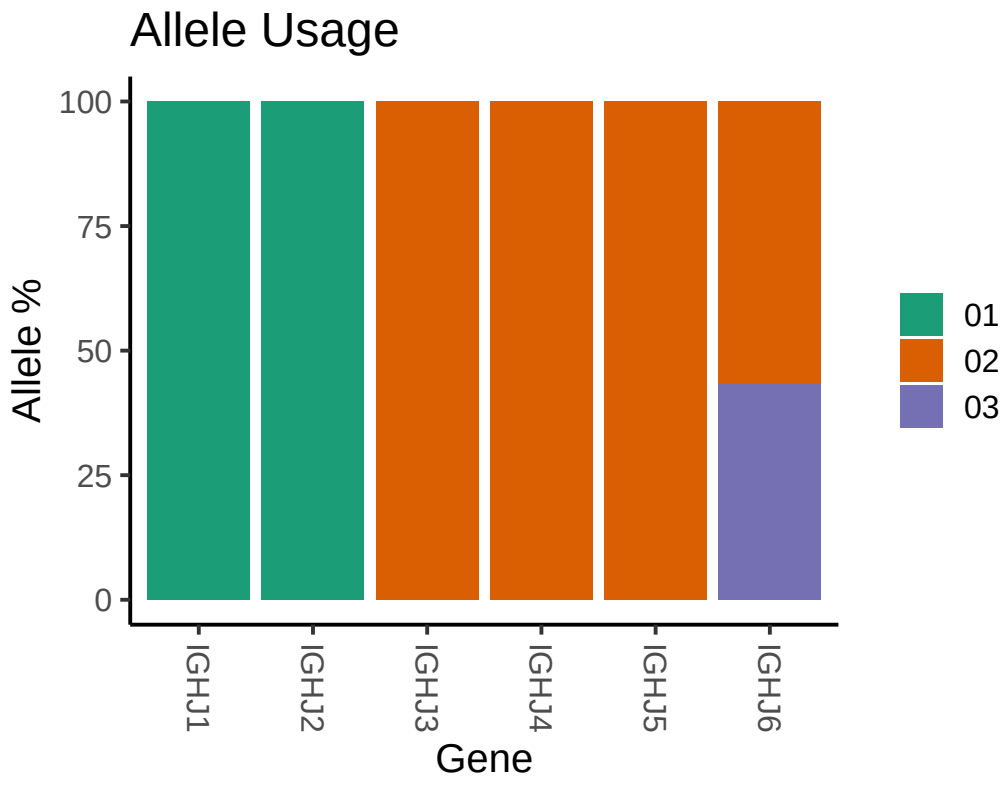


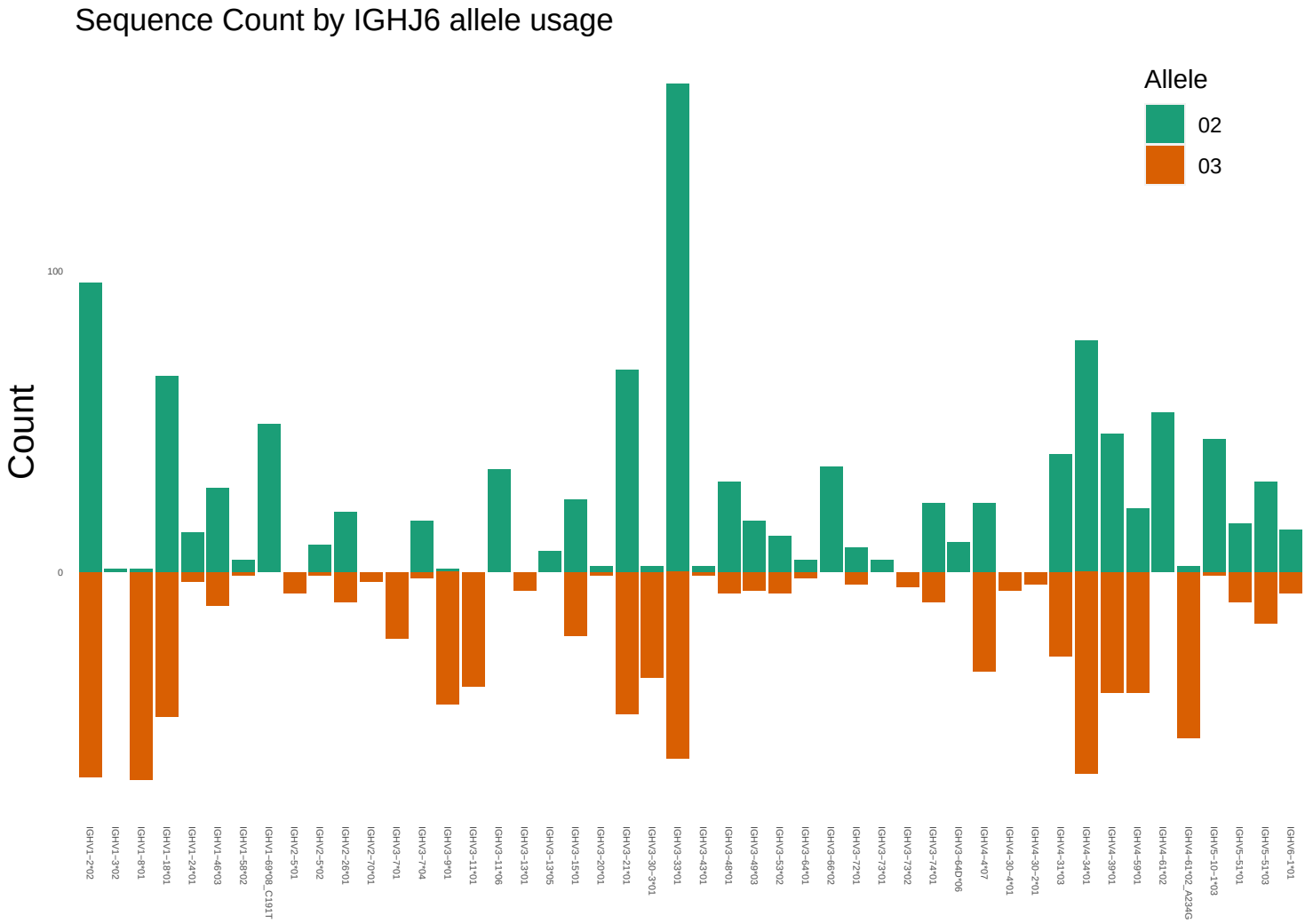
IGHV1−69*08_C191T



IGHV4−61*02_A234G




Allele Usage
100
75
50
25
0
Allele %
IGHJ1
IGHJ2
IGHJ3
IGHJ4
IGHJ5
IGHJ6
Gene
01
02
03


Sequence Count by IGHJ6 allele usage
Allele
02
03
Count
100
0
IGHV1-2*02
IGHV1-3*02
IGHV1-8*01
IGHV1-18*01
IGHV1-24*01
IGHV1-46*03
IGHV1-58*02
IGHV1-69*08_C191T
IGHV2-5*01
IGHV2-5*02
IGHV2-26*01
IGHV2-70*01
IGHV3-7*01
IGHV3-7*04
IGHV3-9*01
IGHV3-11*01
IGHV3-11*06
IGHV3-13*01
IGHV3-13*05
IGHV3-15*01
IGHV3-20*01
IGHV3-21*01
IGHV3-30-3*01
IGHV3-33*01
IGHV3-43*01
IGHV3-48*01
IGHV3-49*03
IGHV3-53*02
IGHV3-64*01
IGHV3-66*02
IGHV3-72*01
IGHV3-73*01
IGHV3-73*02
IGHV3-74*01
IGHV3-64D*06
IGHV4-4*07
IGHV4-30-4*01
IGHV4-30-2*01
IGHV4-31*03
IGHV4-34*01
IGHV4-39*01
IGHV4-59*01
IGHV4-61*02
IGHV4-61*02_A234G
IGHV5-10-1*03
IGHV5-51*01
IGHV5-51*03
IGHV6-1*01

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.