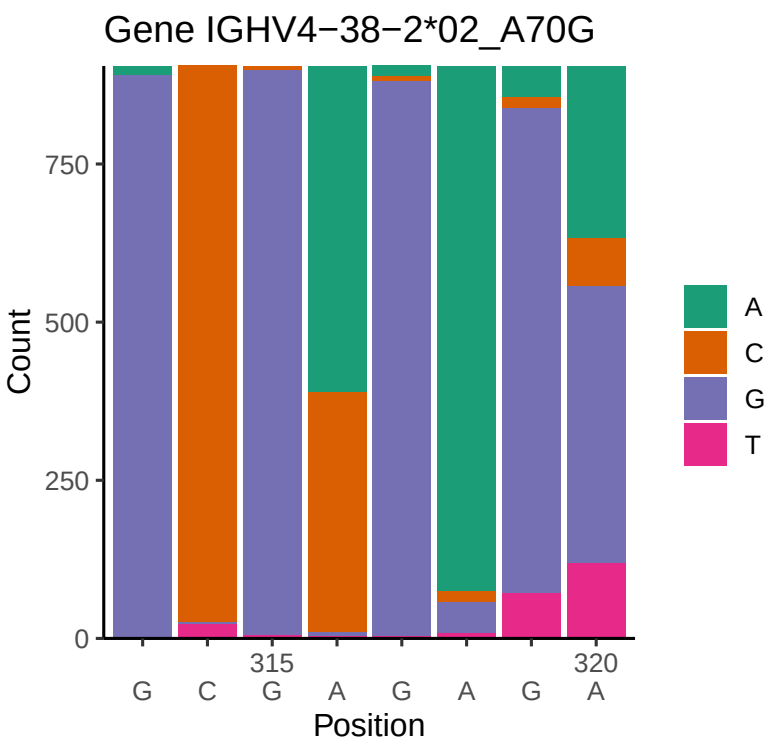
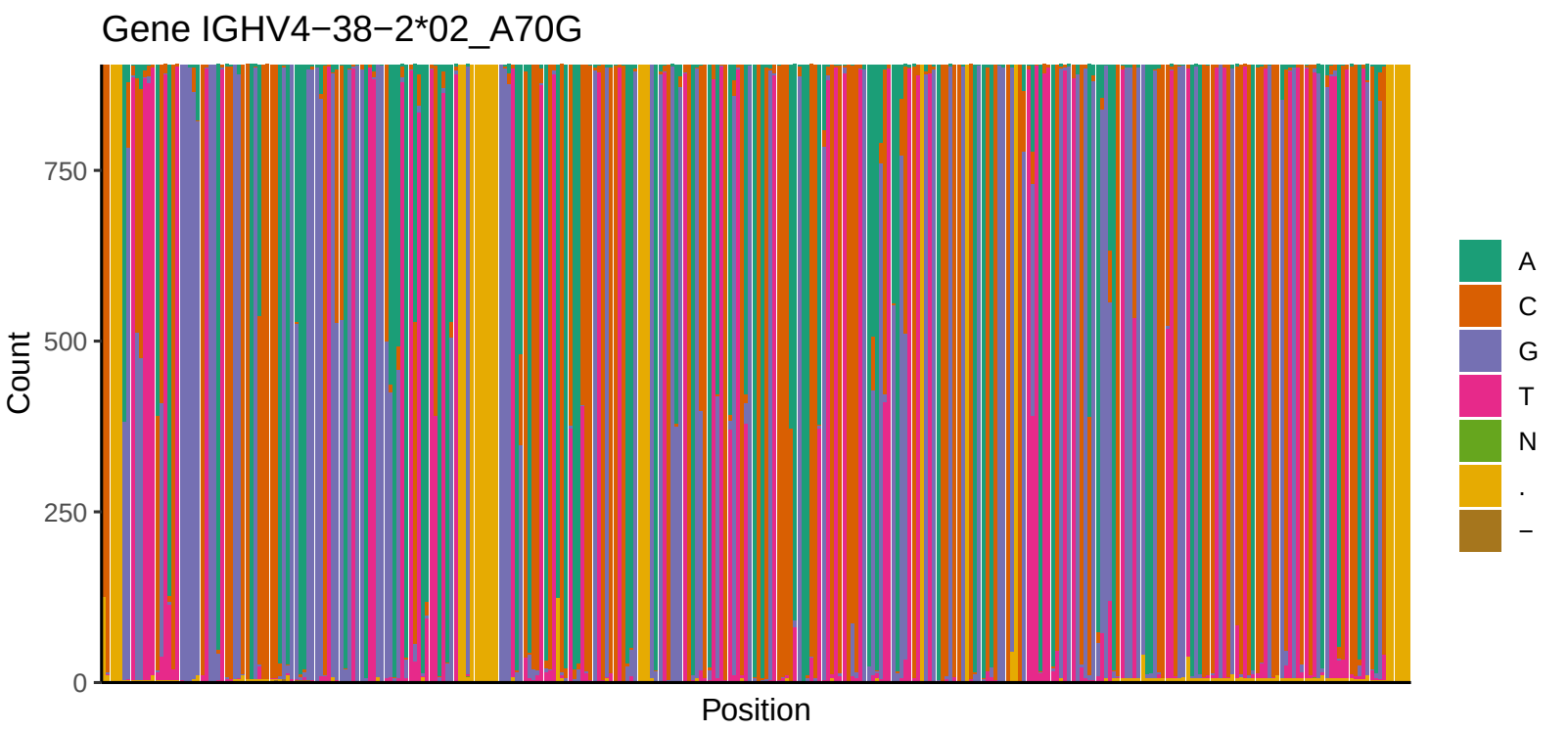
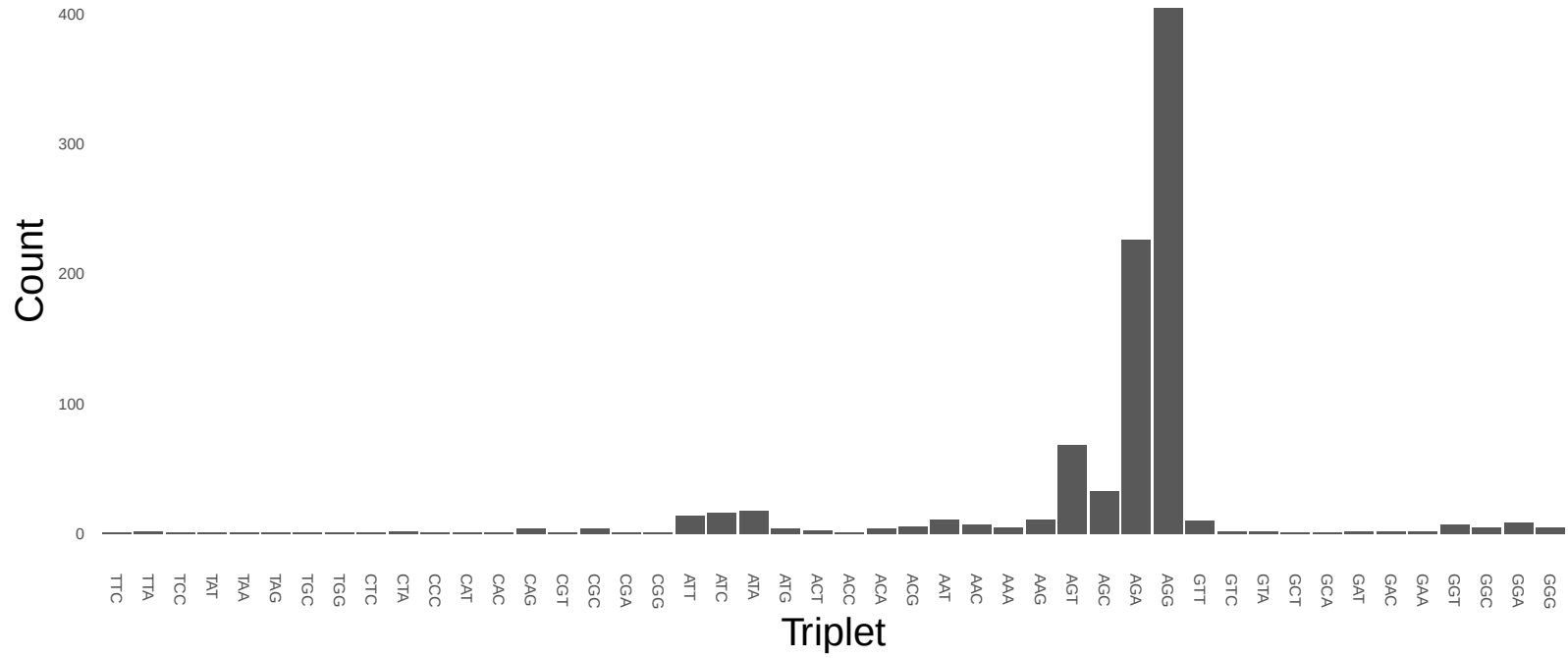

Gene IGHV4−38−2*02_A70G
Count
750
500
250
0
315
320
G C G A G A G A
Position
A
C
G
T

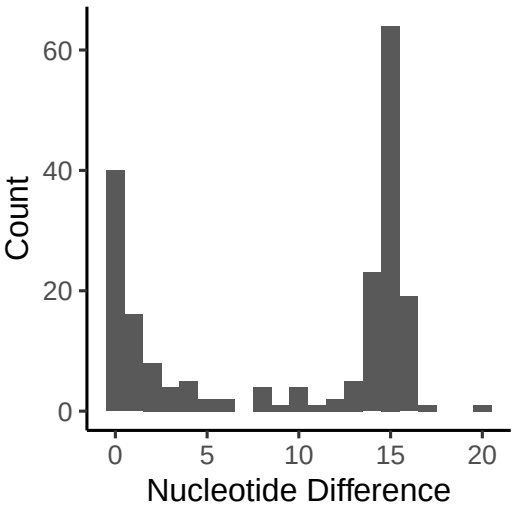

Gene IGHV4−38−2*02_A70G
Count
750
500
250
0
Position
A
C
G
T
N
.
–

IGHV4−38−2*02_A70G− Final 3 nucleotides as a triplet



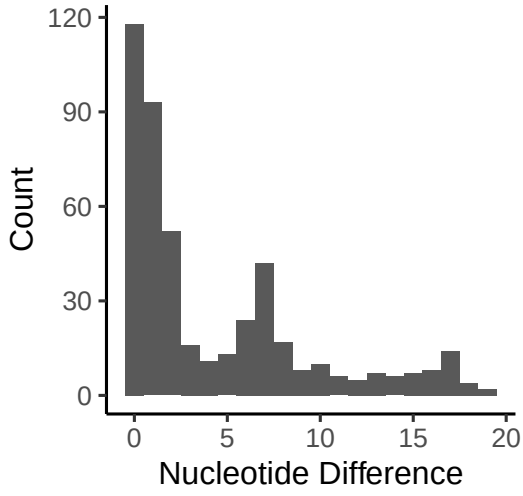
IGHV1−2*04

211 sequences assigned
40 (19%) exact matches, in which:
35 unique CDR3
5 unique J



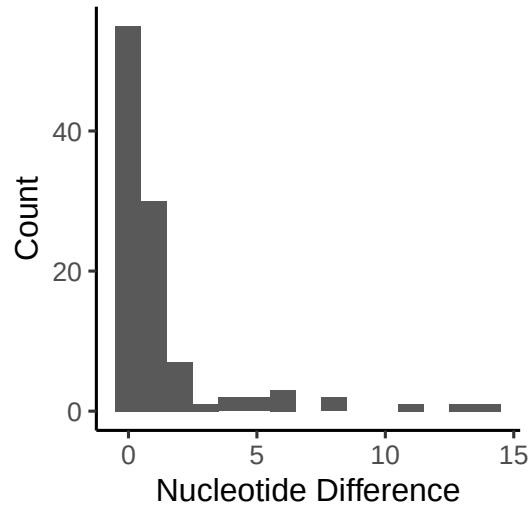
IGHV1−8*01

467 sequences assigned
118 (25.3%) exact matches, in which:
96 unique CDR3
4 unique J



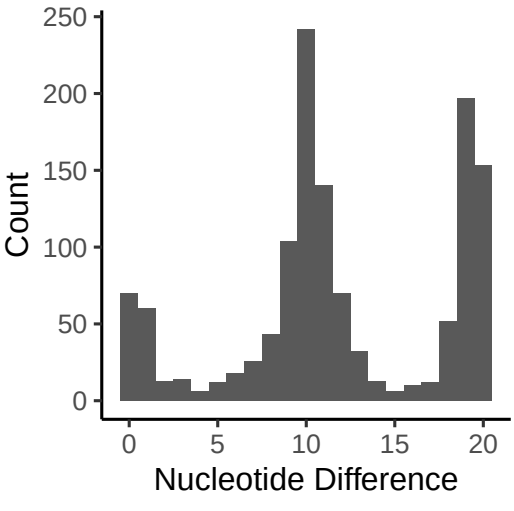
IGHV1−24*01

105 sequences assigned
55 (52.4%) exact matches, in which:
52 unique CDR3
5 unique J



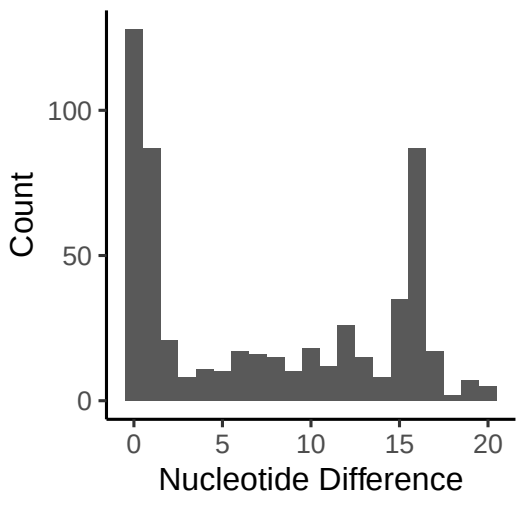
IGHV1−2*06

1366 sequences assigned
70 (5.1%) exact matches, in which:
64 unique CDR3
4 unique J



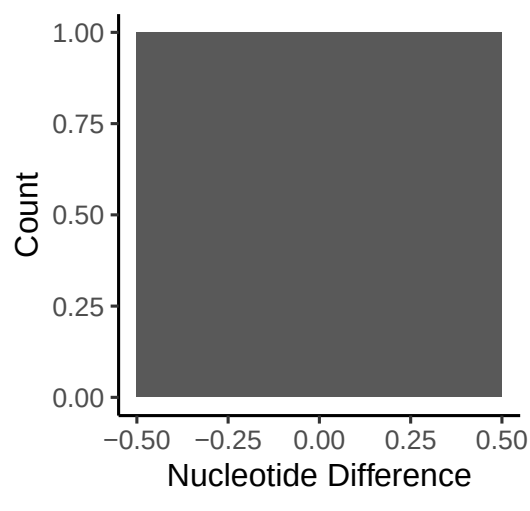
IGHV1−18*01

614 sequences assigned
128 (20.8%) exact matches, in which:
119 unique CDR3
4 unique J



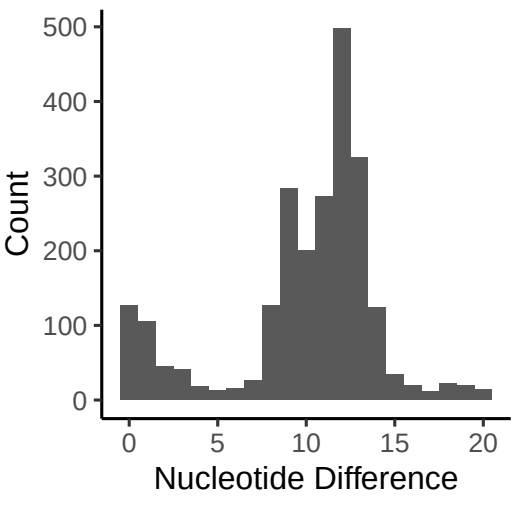
IGHV1−45*02

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



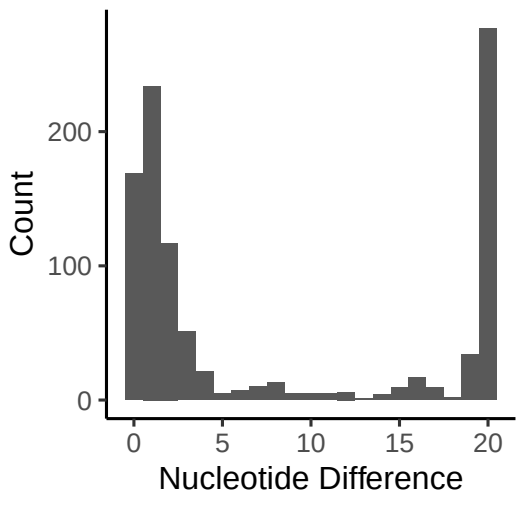
IGHV1−3*01

2404 sequences assigned
127 (5.3%) exact matches, in which:
120 unique CDR3
4 unique J



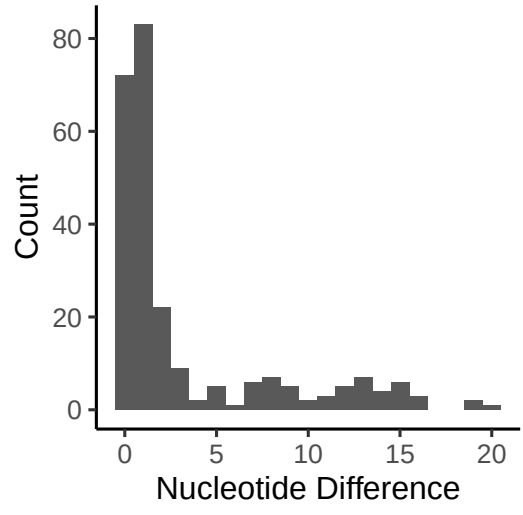
IGHV1−18*04

2532 sequences assigned
169 (6.7%) exact matches, in which:
129 unique CDR3
6 unique J



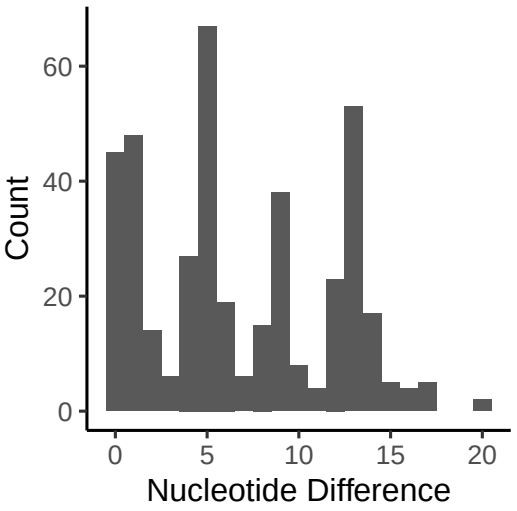
IGHV1−46*01

486 sequences assigned
72 (14.8%) exact matches, in which:
62 unique CDR3
4 unique J



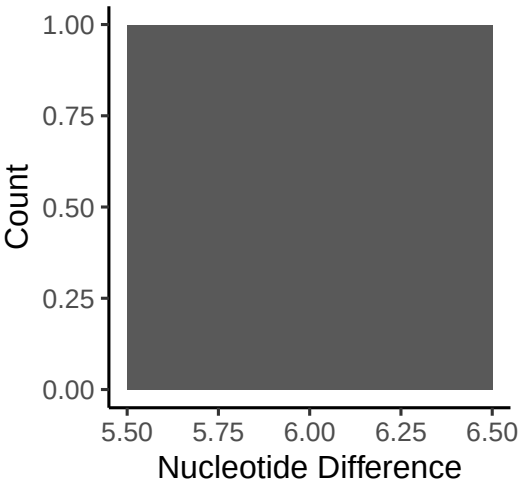
IGHV1−46*03

413 sequences assigned
45 (10.9%) exact matches, in which:
29 unique CDR3
5 unique J



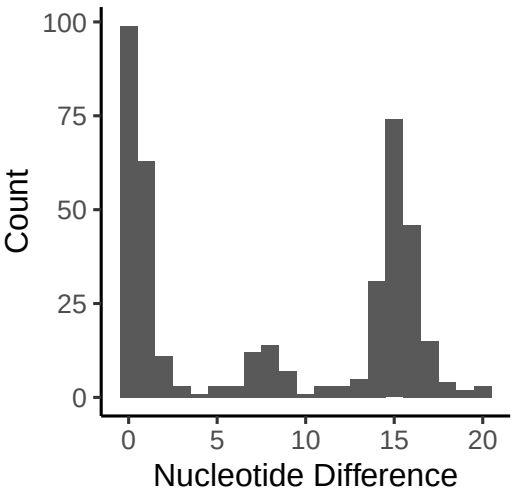
IGHV1−68*02

1 sequences assigned
No exact matches.



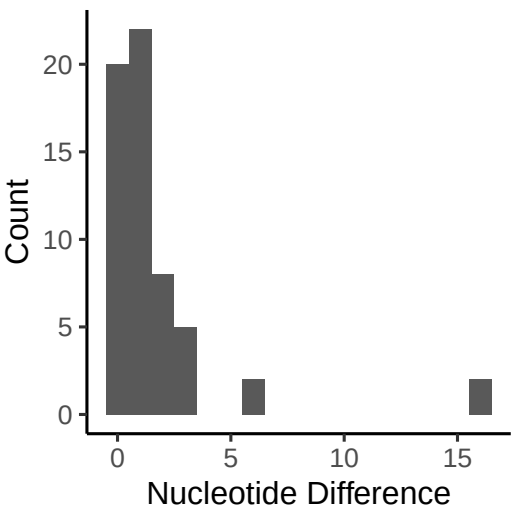
IGHV1−69*06

409 sequences assigned
99 (24.2%) exact matches, in which:
92 unique CDR3
4 unique J



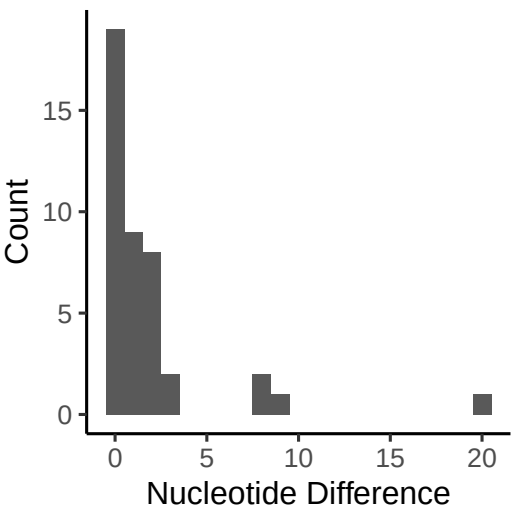
IGHV1−58*01

61 sequences assigned
20 (32.8%) exact matches, in which:
14 unique CDR3
3 unique J



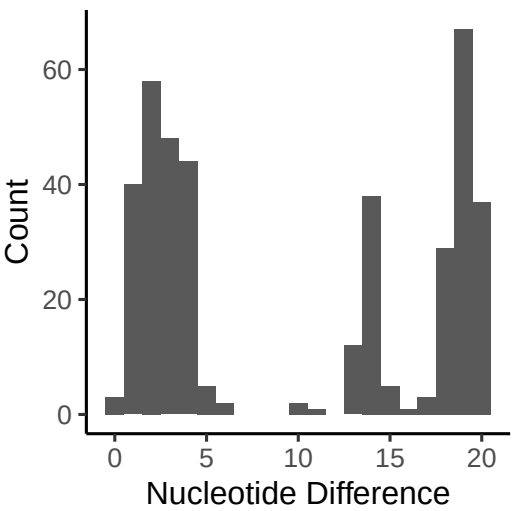
IGHV1−69−2*01

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



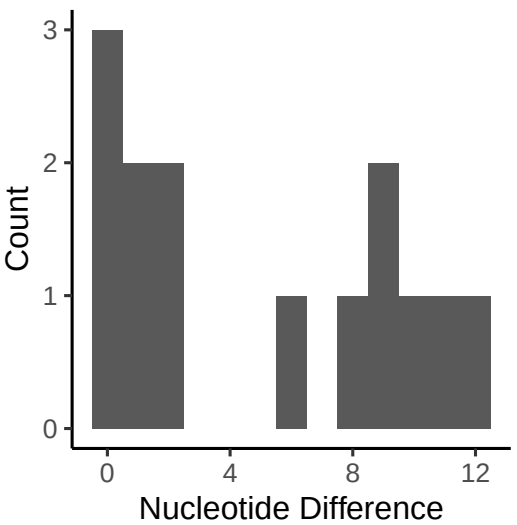
IGHV1−69*08

396 sequences assigned
3 (0.8%) exact matches, in which:
2 unique CDR3
1 unique J



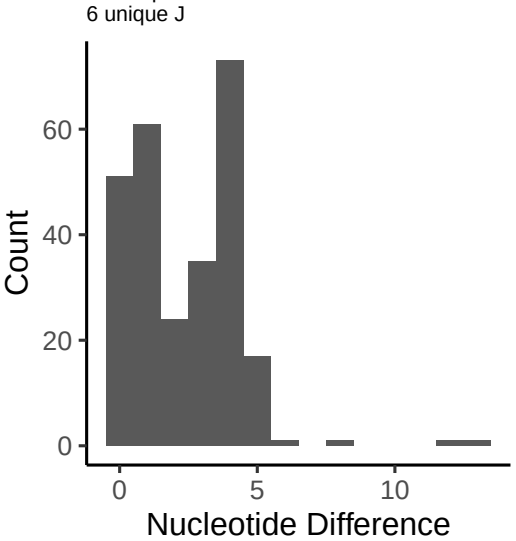
IGHV1−58*02

14 sequences assigned
3 (21.4%) exact matches, in which:
2 unique CDR3
2 unique J



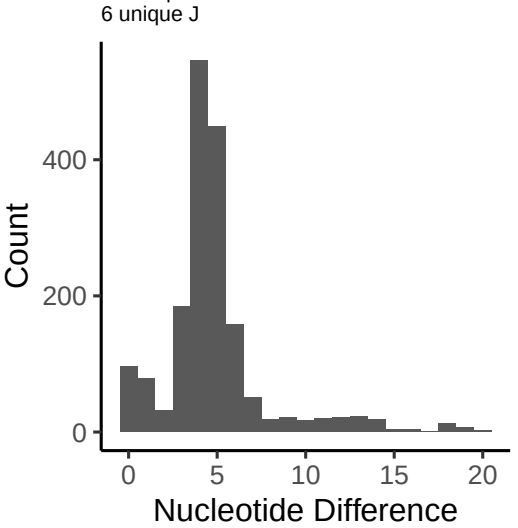
IGHV1−69*02

268 sequences assigned
51 (19%) exact matches, in which:
42 unique CDR3
6 unique J



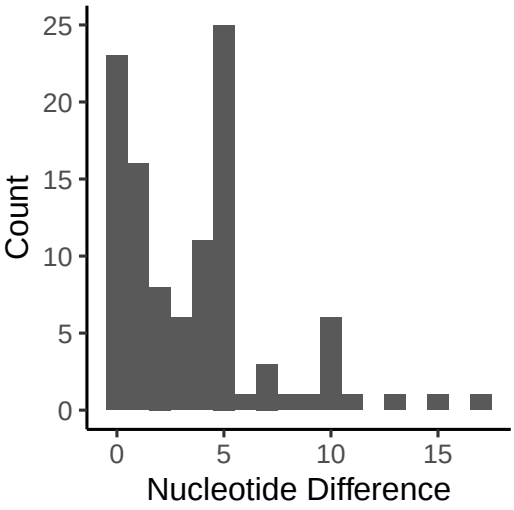
IGHV2−5*02

2031 sequences assigned
96 (4.7%) exact matches, in which:
87 unique CDR3
6 unique J



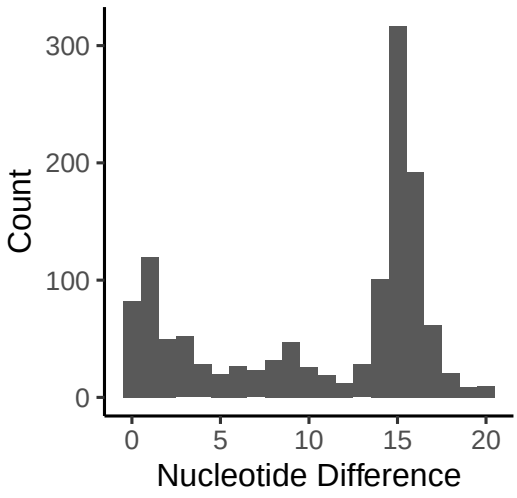
IGHV2−26*01

105 sequences assigned
23 (21.9%) exact matches, in which:
20 unique CDR3
4 unique J



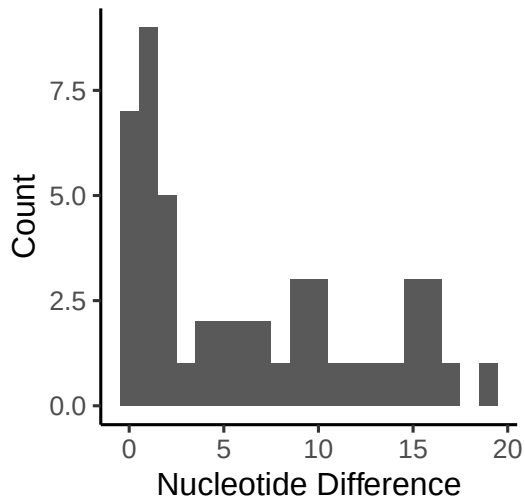
IGHV3−7*03

1314 sequences assigned
82 (6.2%) exact matches, in which:
67 unique CDR3
5 unique J



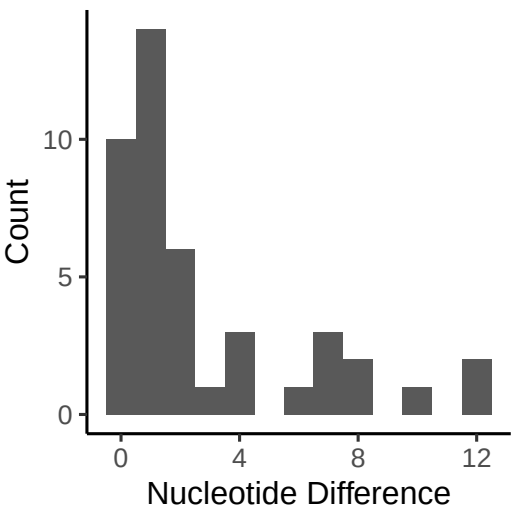
IGHV3−11*06

50 sequences assigned
7 (14%) exact matches, in which:
7 unique CDR3
3 unique J



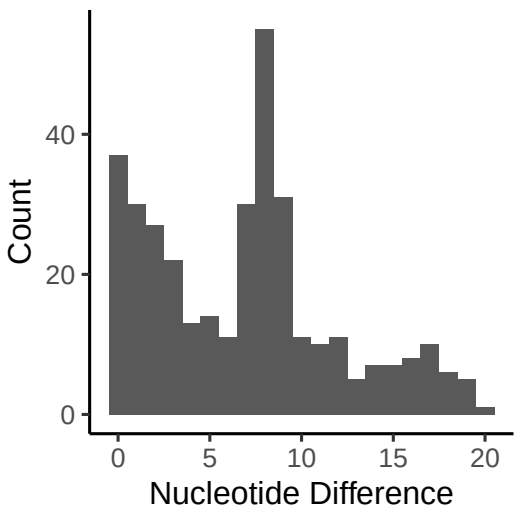
IGHV2−70*01

43 sequences assigned
10 (23.3%) exact matches, in which:
9 unique CDR3
4 unique J



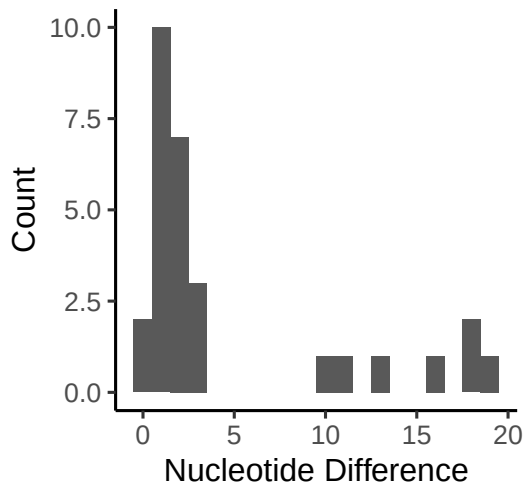
IGHV3−9*01

402 sequences assigned
37 (9.2%) exact matches, in which:
36 unique CDR3
5 unique J



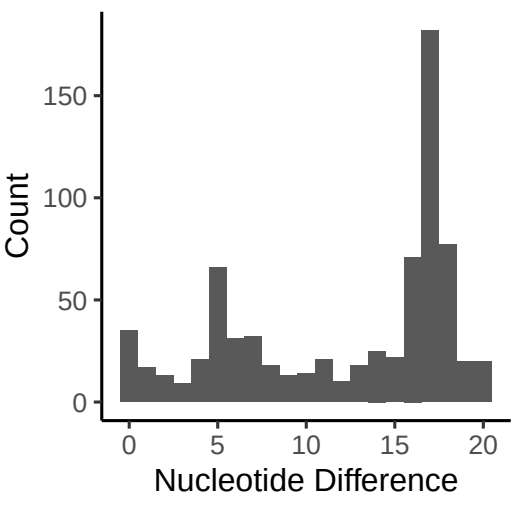
IGHV3−13*01

320 sequences assigned
2 (0.6%) exact matches, in which:
2 unique CDR3
1 unique J



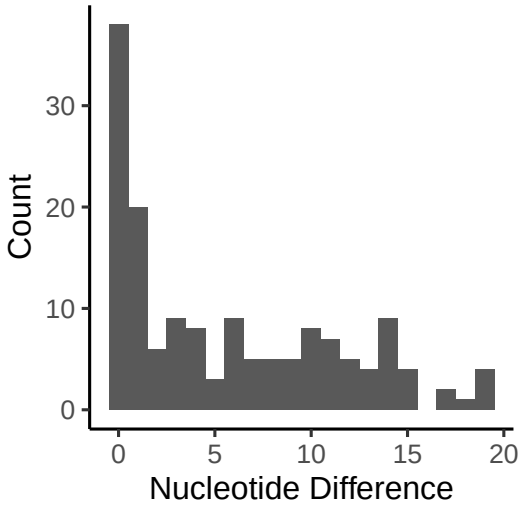
IGHV3−7*01

809 sequences assigned
35 (4.3%) exact matches, in which:
35 unique CDR3
4 unique J



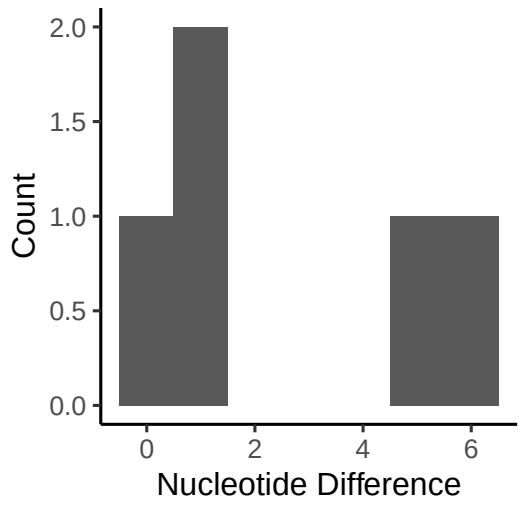
IGHV3−11*01

168 sequences assigned
38 (22.6%) exact matches, in which:
37 unique CDR3
5 unique J



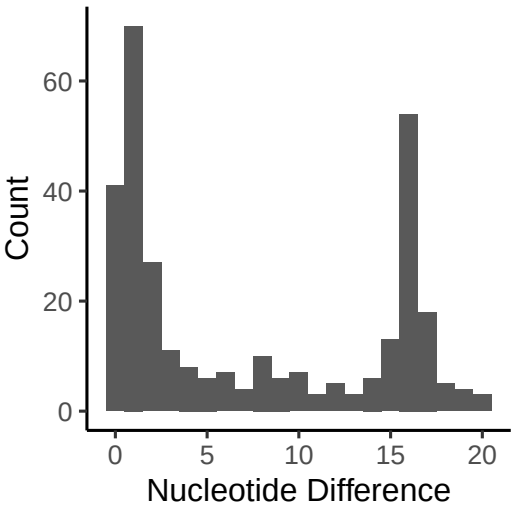
IGHV3−13*05

5 sequences assigned
1 (20%) exact matches, in which:
1 unique CDR3
1 unique J



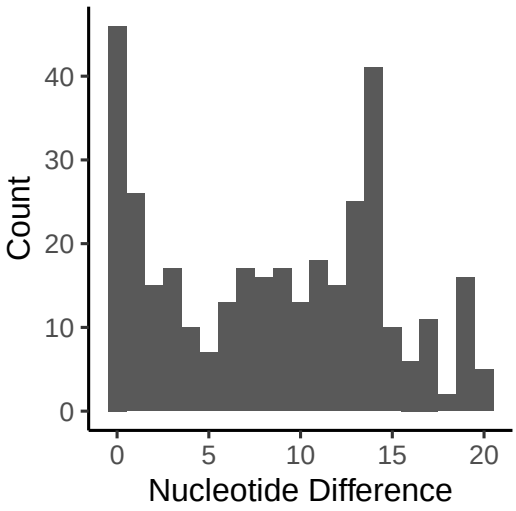
IGHV3−15*01

849 sequences assigned
41 (4.8%) exact matches, in which:
37 unique CDR3
5 unique J



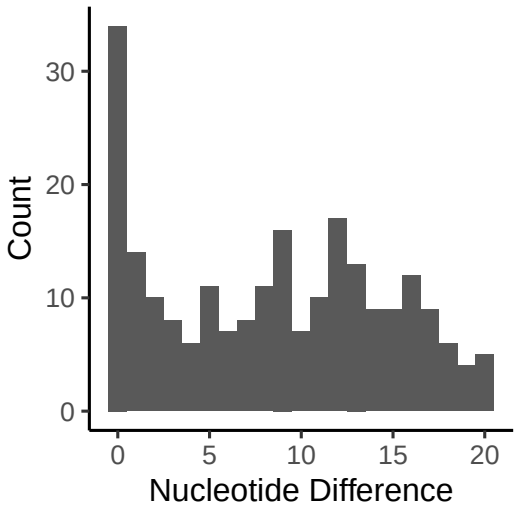
IGHV3−23*04

659 sequences assigned
46 (7%) exact matches, in which:
44 unique CDR3
5 unique J



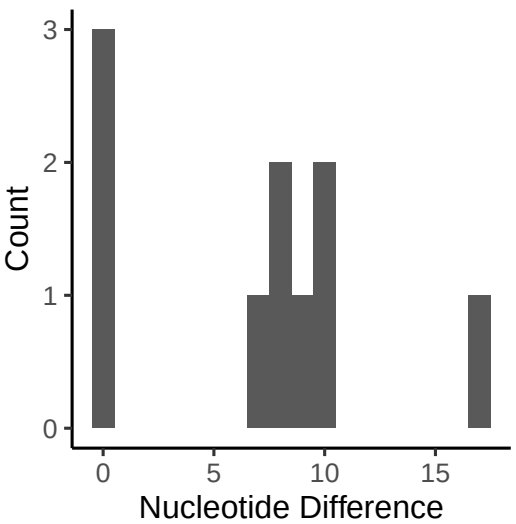
IGHV3−48*01

255 sequences assigned
34 (13.3%) exact matches, in which:
33 unique CDR3
4 unique J



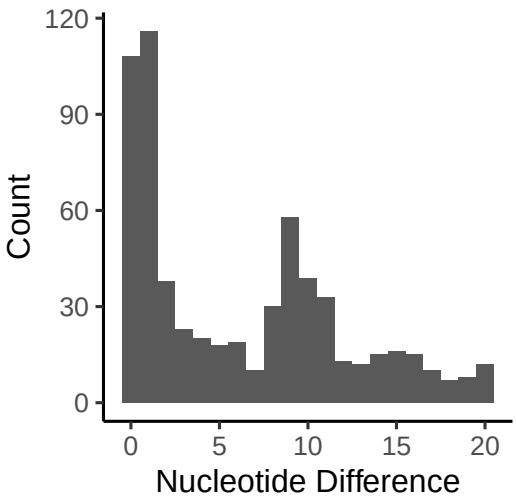
IGHV3−20*01

11 sequences assigned
3 (27.3%) exact matches, in which:
3 unique CDR3
2 unique J



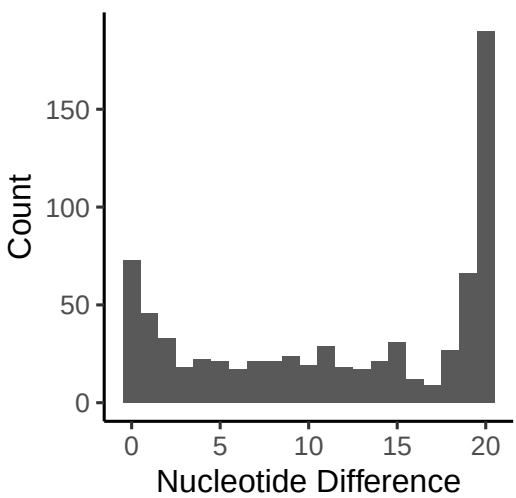
IGHV3−33*01

659 sequences assigned
108 (16.4%) exact matches, in which:
92 unique CDR3
5 unique J



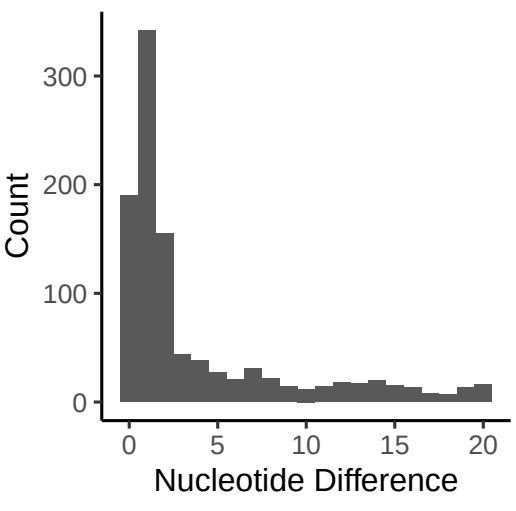
IGHV3−48*03

1017 sequences assigned
73 (7.2%) exact matches, in which:
73 unique CDR3
6 unique J



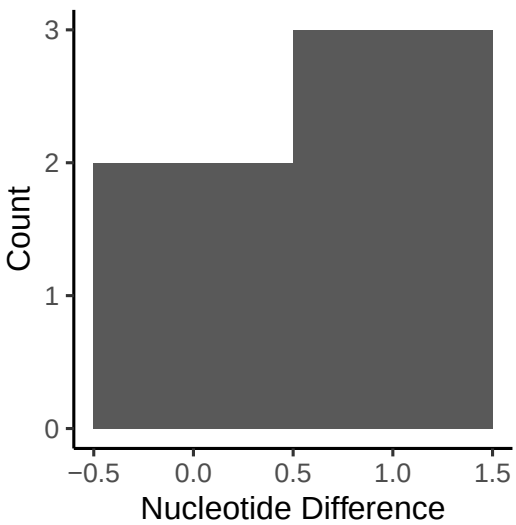
IGHV3−21*01

1521 sequences assigned
190 (12.5%) exact matches, in which:
129 unique CDR3
6 unique J



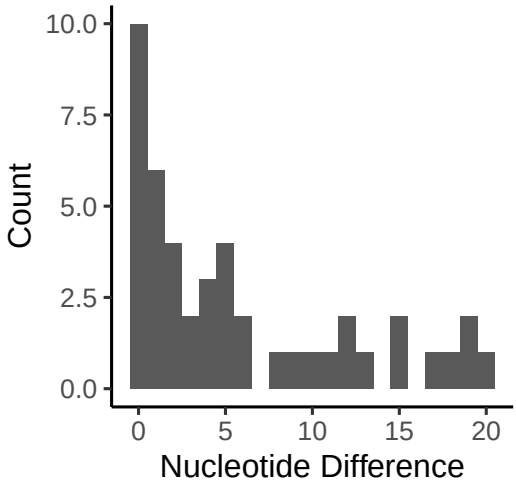
IGHV3−43*01

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



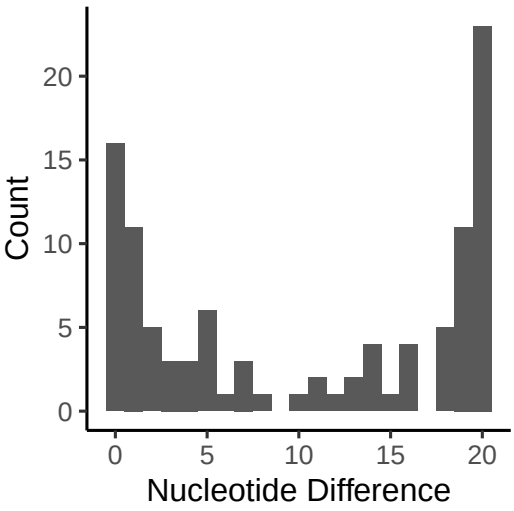
IGHV3−49*03

45 sequences assigned
10 (22.2%) exact matches, in which:
10 unique CDR3
4 unique J



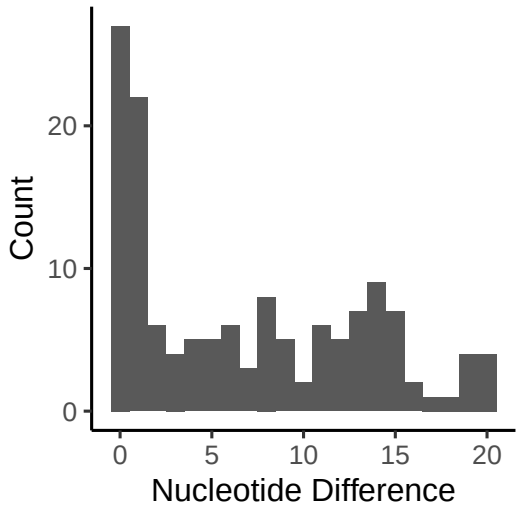
IGHV3−49*04

147 sequences assigned
16 (10.9%) exact matches, in which:
16 unique CDR3
2 unique J



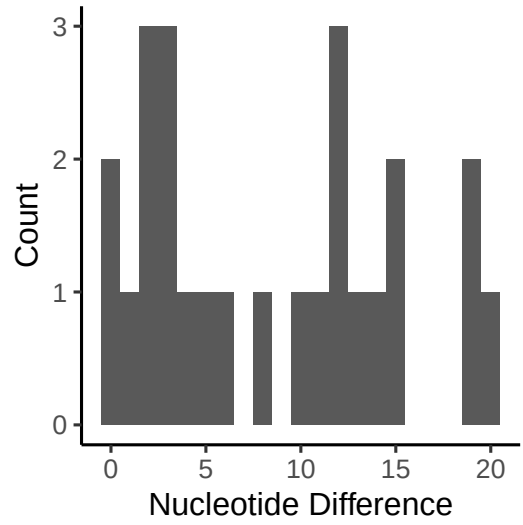
IGHV3−66*02

185 sequences assigned
27 (14.6%) exact matches, in which:
24 unique CDR3
4 unique J



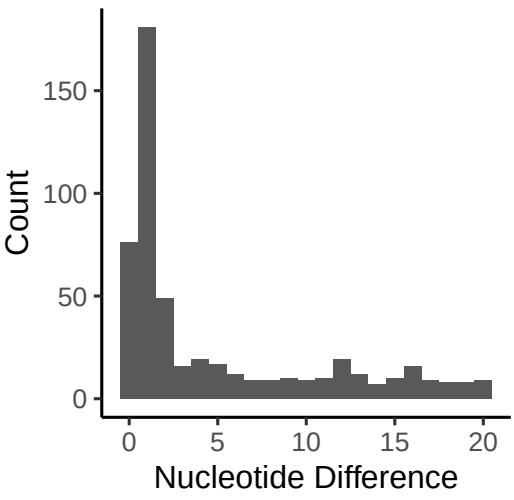
IGHV3−73*02

28 sequences assigned
2 (7.1%) exact matches, in which:
2 unique CDR3
1 unique J



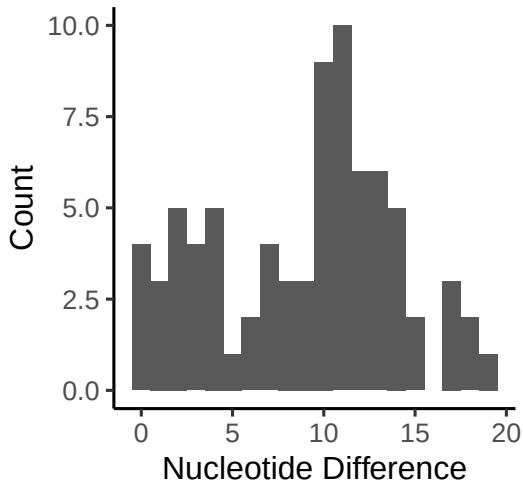
IGHV3−53*02

569 sequences assigned
76 (13.4%) exact matches, in which:
56 unique CDR3
4 unique J



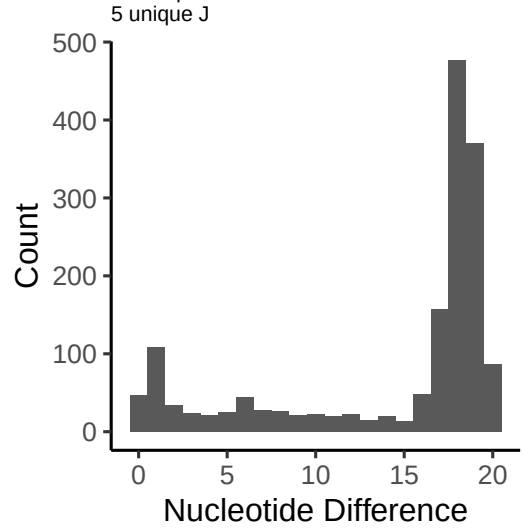
IGHV3−72*01

90 sequences assigned
4 (4.4%) exact matches, in which:
4 unique CDR3
3 unique J



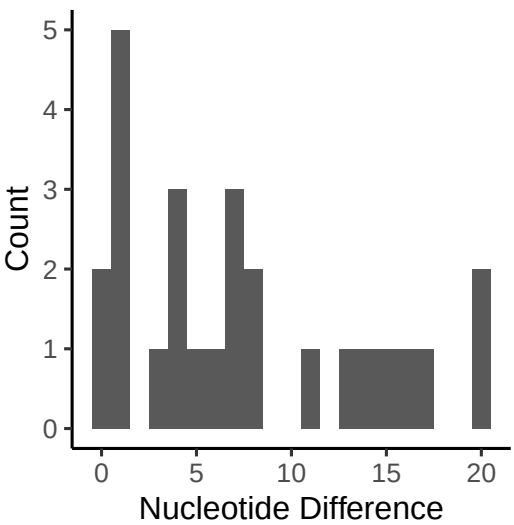
IGHV3−74*01

1941 sequences assigned
47 (2.4%) exact matches, in which:
37 unique CDR3
5 unique J



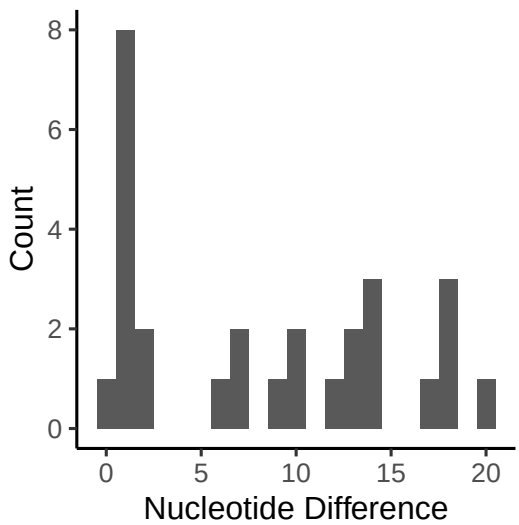
IGHV3−64*01

32 sequences assigned
2 (6.2%) exact matches, in which:
2 unique CDR3
2 unique J



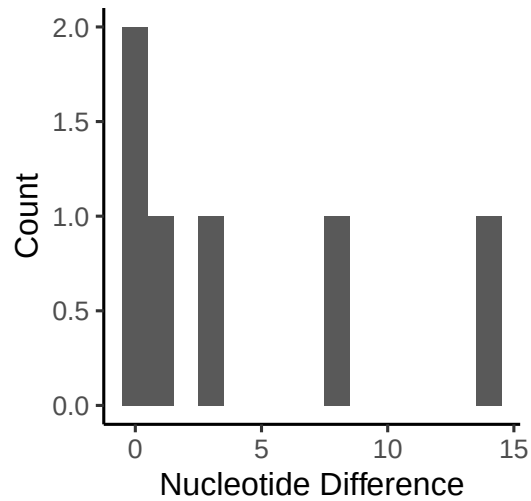
IGHV3−73*01

36 sequences assigned
1 (2.8%) exact matches, in which:
1 unique CDR3
1 unique J



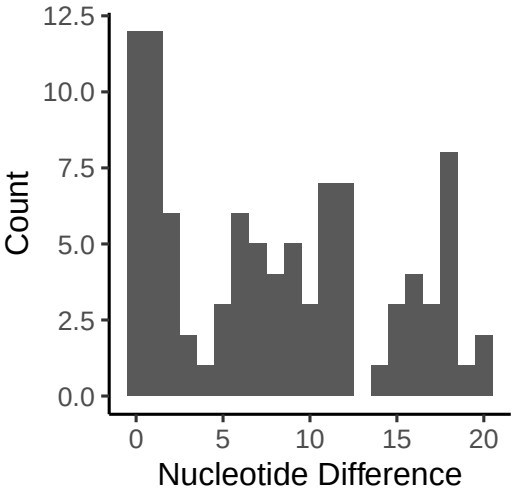
IGHV3−43D*04

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



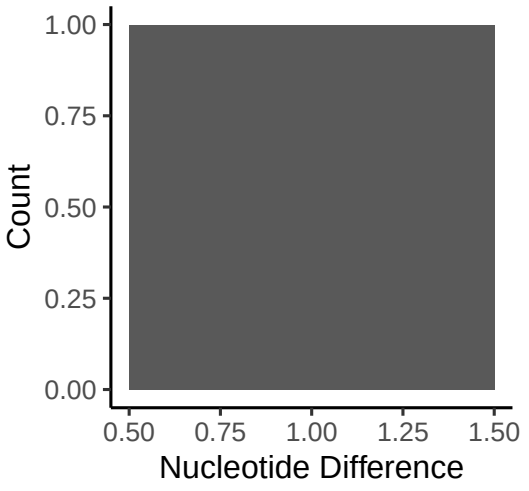
IGHV3−64D*06

114 sequences assigned
12 (10.5%) exact matches, in which:
12 unique CDR3
2 unique J



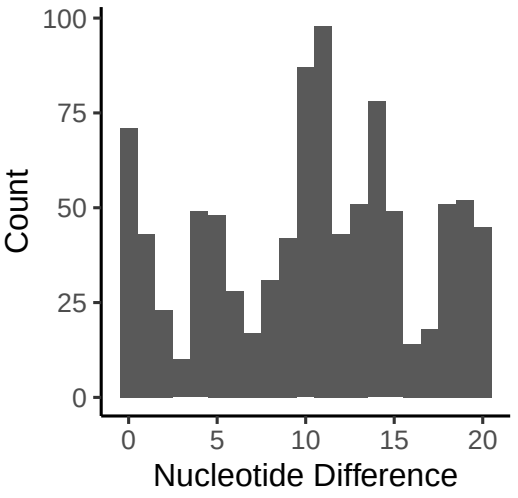
IGHV4−28*07

6 sequences assigned
No exact matches.



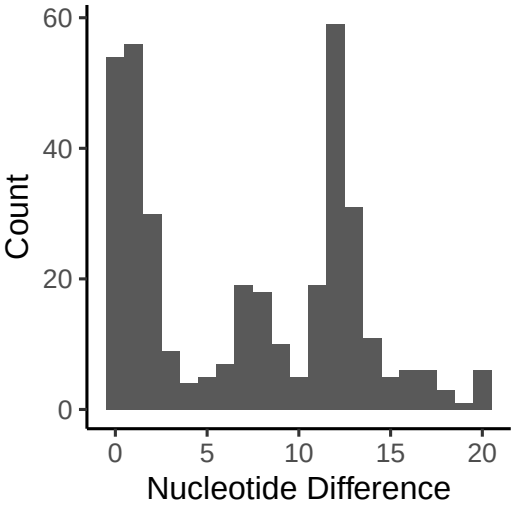
IGHV4−34*01

1322 sequences assigned
71 (5.4%) exact matches, in which:
71 unique CDR3
5 unique J



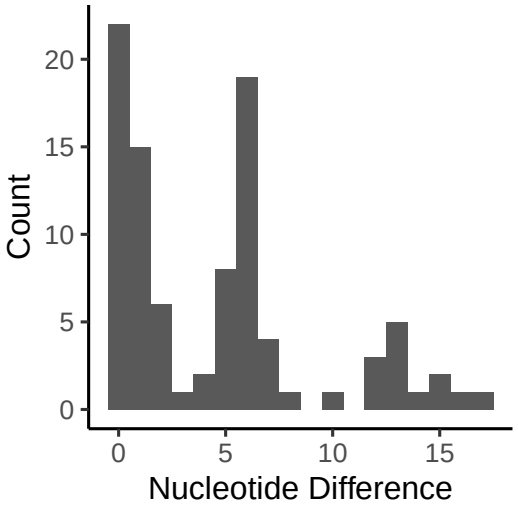
IGHV4−4*02

494 sequences assigned
54 (10.9%) exact matches, in which:
48 unique CDR3
4 unique J



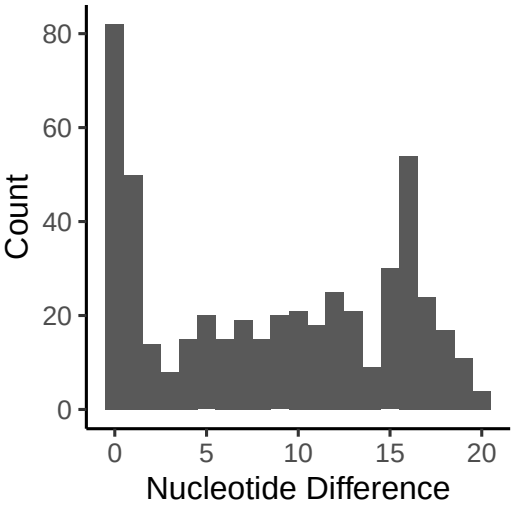
IGHV4−30−2*01

93 sequences assigned
22 (23.7%) exact matches, in which:
21 unique CDR3
4 unique J



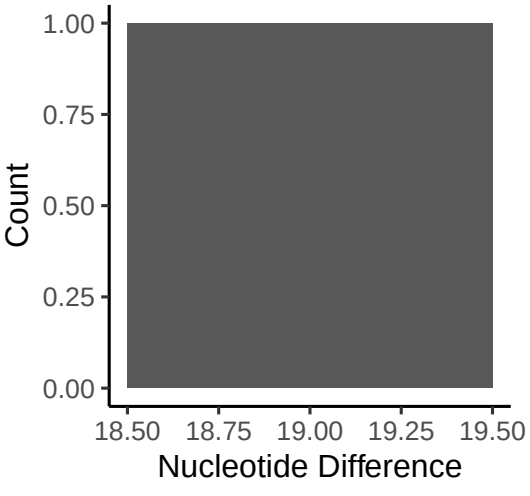
IGHV4−38−2*02_A70G

905 sequences assigned
82 (9.1%) exact matches, in which:
71 unique CDR3
5 unique J



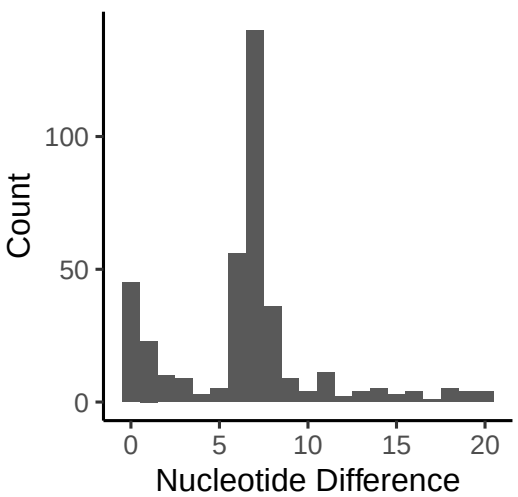
IGHV4−28*03

1 sequences assigned
No exact matches.



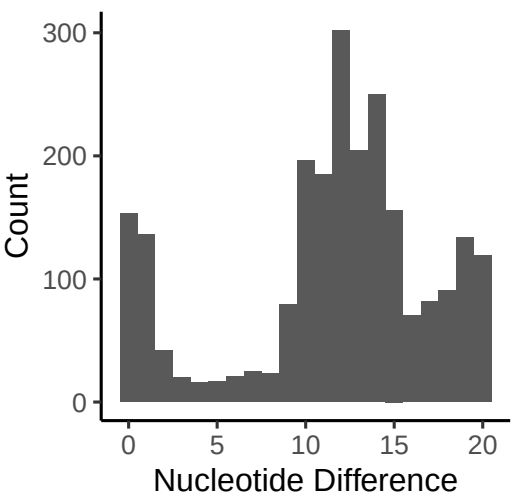
IGHV4−31*03

864 sequences assigned
45 (5.2%) exact matches, in which:
42 unique CDR3
5 unique J



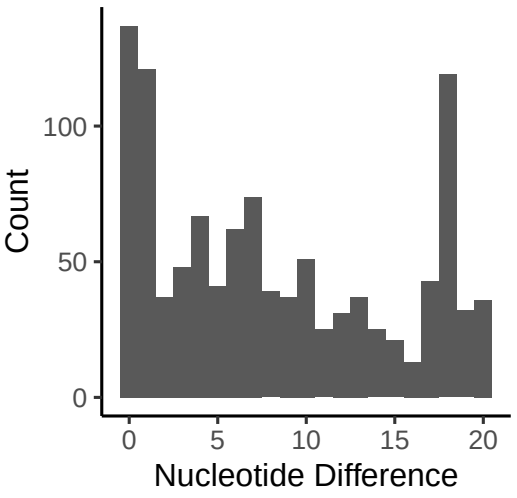
IGHV4−39*01

2546 sequences assigned
153 (6%) exact matches, in which:
139 unique CDR3
6 unique J



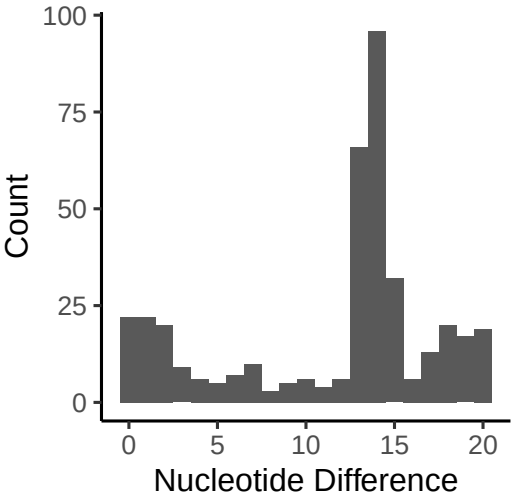
IGHV4−59*01

1436 sequences assigned
137 (9.5%) exact matches, in which:
118 unique CDR3
6 unique J



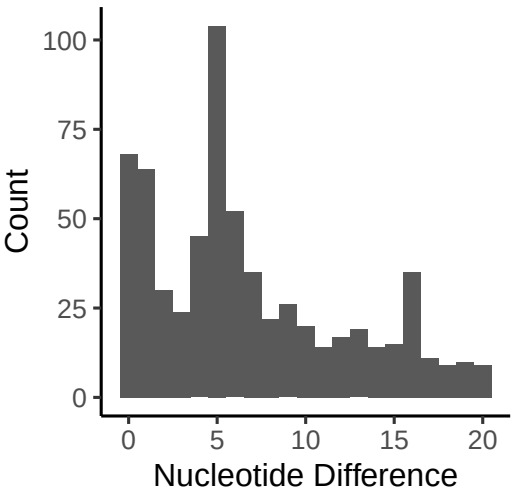
IGHV5−10−1*03

448 sequences assigned
22 (4.9%) exact matches, in which:
22 unique CDR3
3 unique J



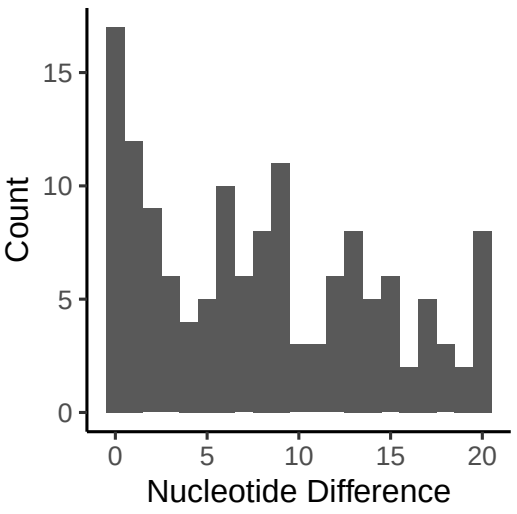
IGHV6−1*01

664 sequences assigned
68 (10.2%) exact matches, in which:
58 unique CDR3
6 unique J



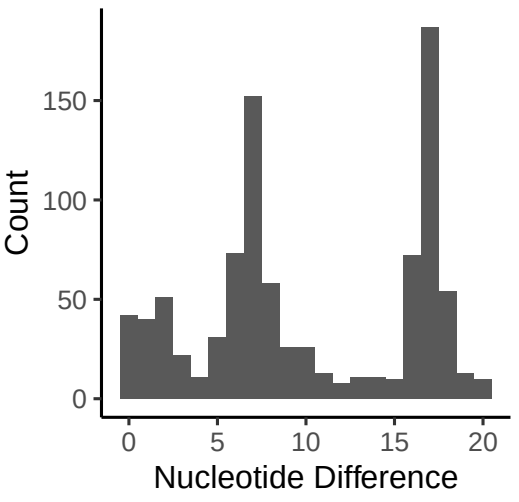
IGHV4−61*01

291 sequences assigned
17 (5.8%) exact matches, in which:
16 unique CDR3
4 unique J



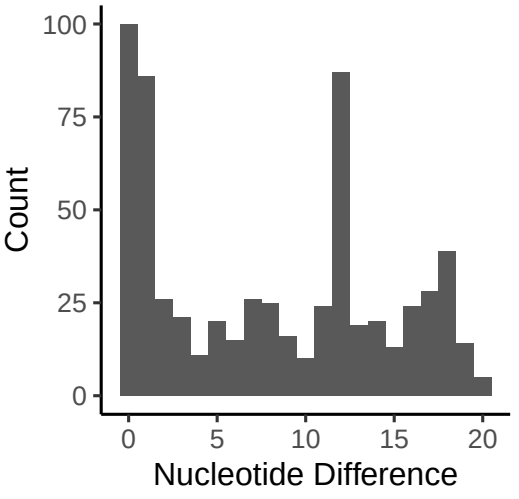
IGHV5−51*01

991 sequences assigned
42 (4.2%) exact matches, in which:
39 unique CDR3
5 unique J



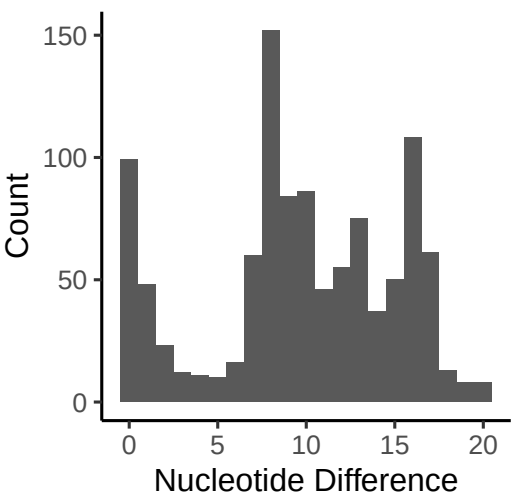
IGHV7−4−1*02

660 sequences assigned
100 (15.2%) exact matches, in which:
87 unique CDR3
6 unique J



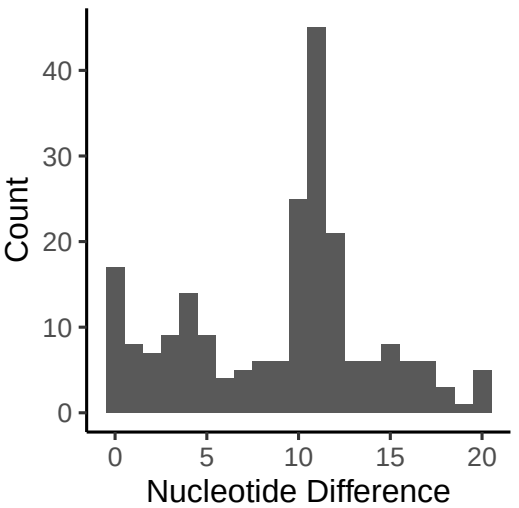
IGHV4−61*02

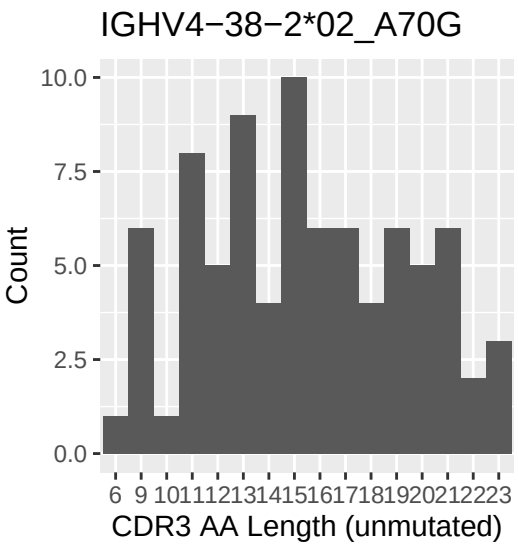
1395 sequences assigned
99 (7.1%) exact matches, in which:
89 unique CDR3
6 unique J

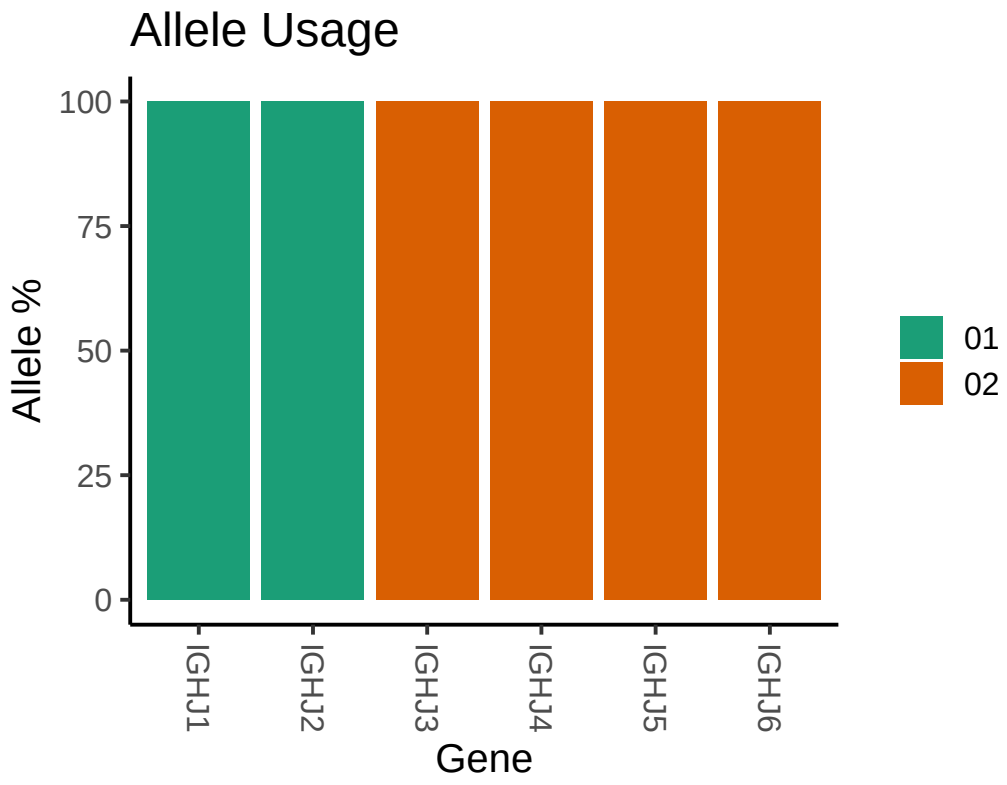


IGHV5−51*03

280 sequences assigned
17 (6.1%) exact matches, in which:
17 unique CDR3
4 unique J




IGHV4−38−2*02_A70G
Count
10.0
7.5
5.0
2.5
0.0
6 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
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.