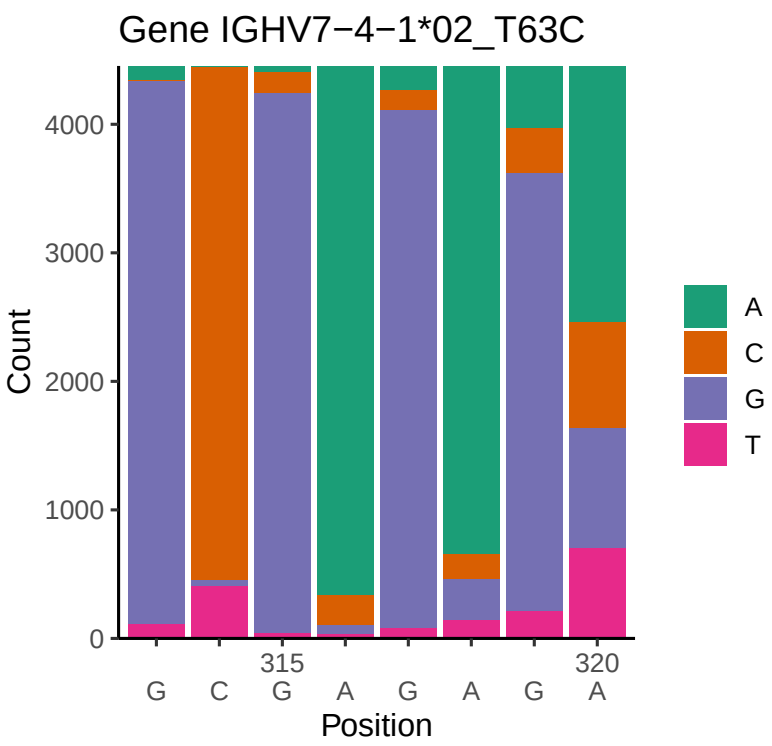
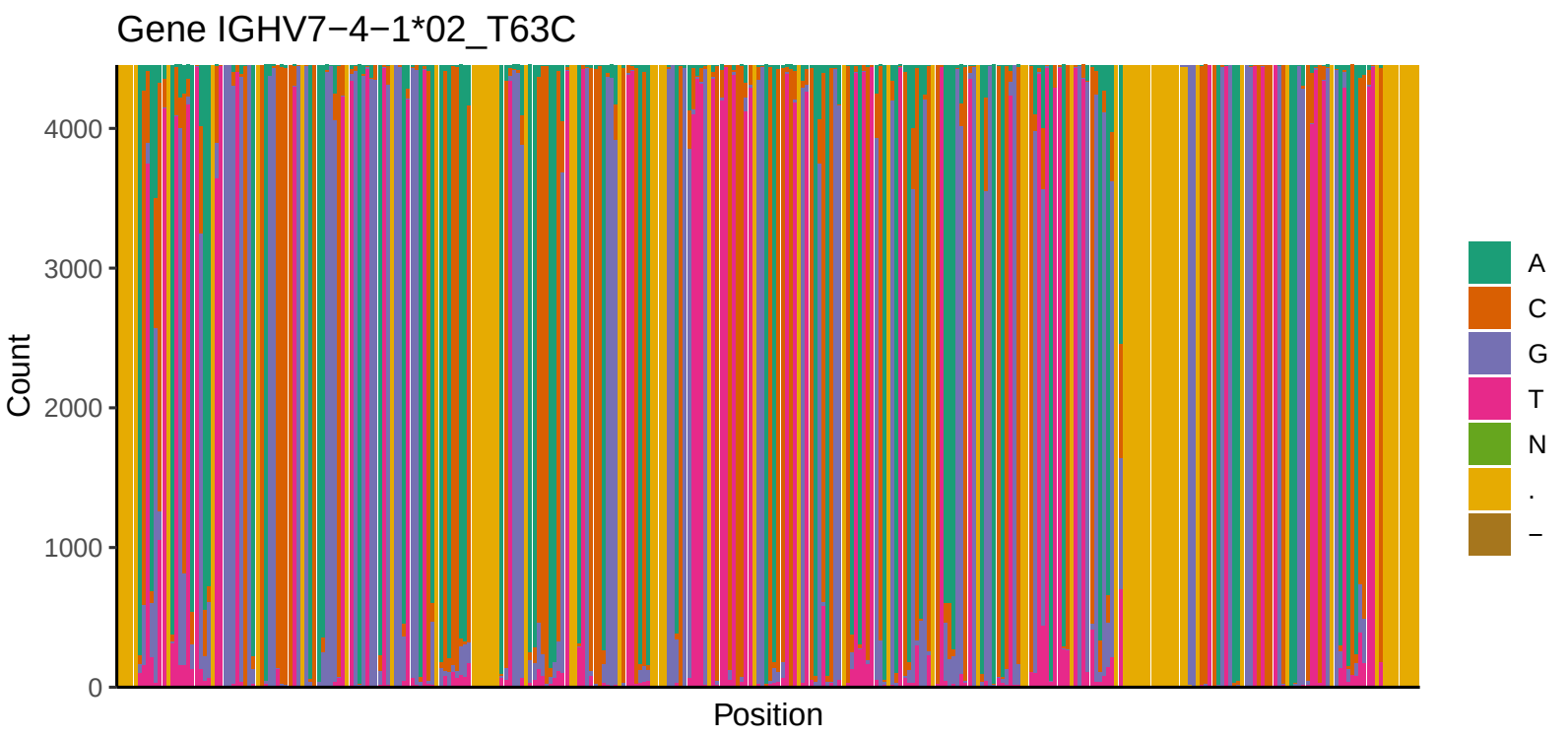
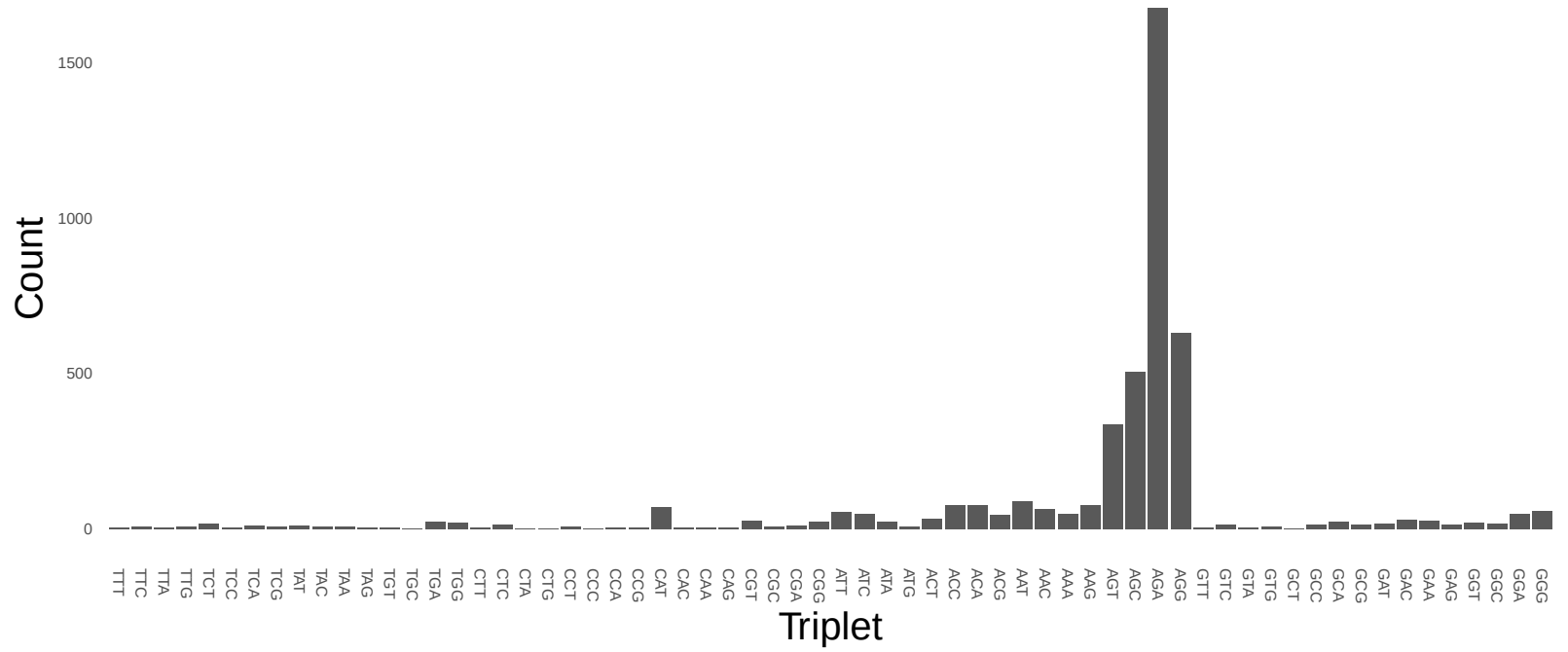

Gene IGHV7−4−1*02_T63C
Count
4000
3000
2000
1000
0
315
320
G C G A G A G A
Position
A
C
G
T

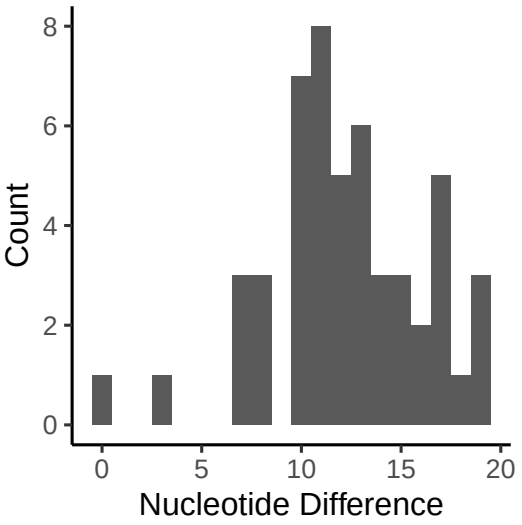

Gene IGHV7−4−1*02_T63C
Count
4000
3000
2000
1000
0
Position
A
C
G
T
N
.
−

IGHV7−4−1*02_T63C− Final 3 nucleotides as a triplet



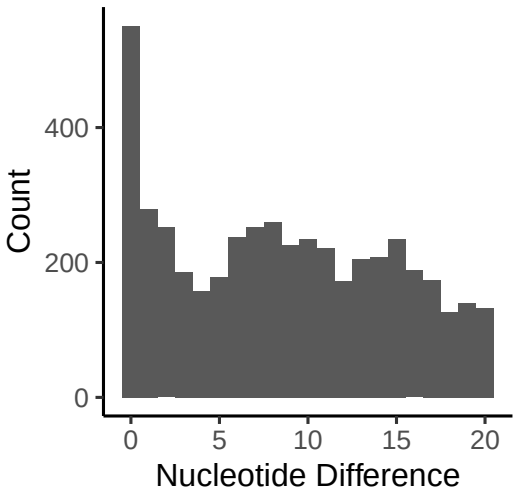
IGHV1−2*02

53 sequences assigned
1 (1.9%) exact matches, in which:
1 unique CDR3
1 unique J



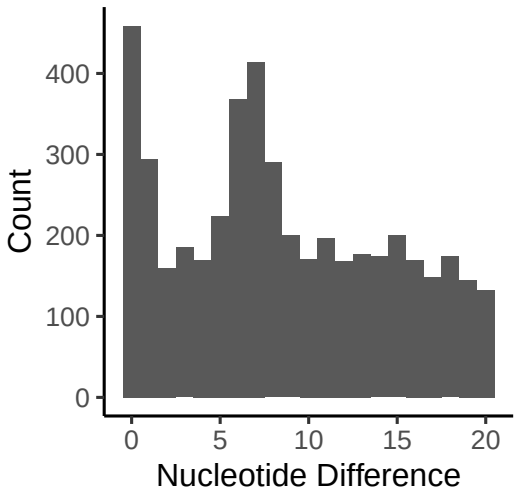
IGHV1−3*01_05

5781 sequences assigned
551 (9.5%) exact matches, in which:
543 unique CDR3
7 unique J



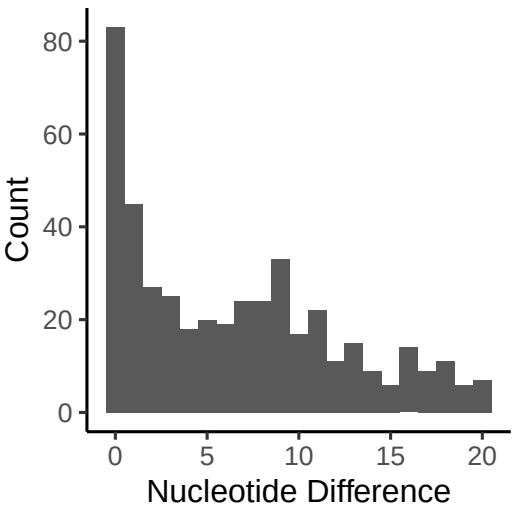
IGHV1−18*01

5520 sequences assigned
459 (8.3%) exact matches, in which:
449 unique CDR3
7 unique J



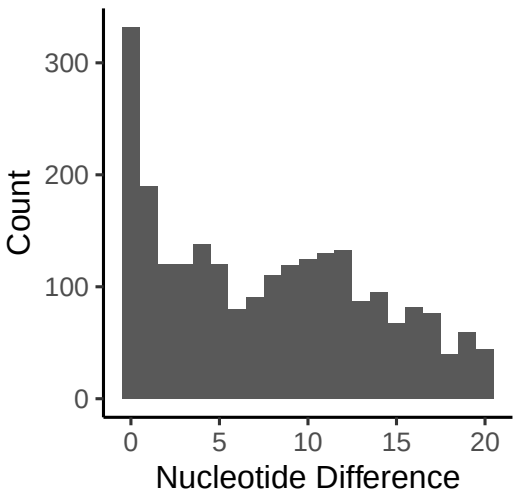
IGHV1−2*04

477 sequences assigned
83 (17.4%) exact matches, in which:
82 unique CDR3
6 unique J



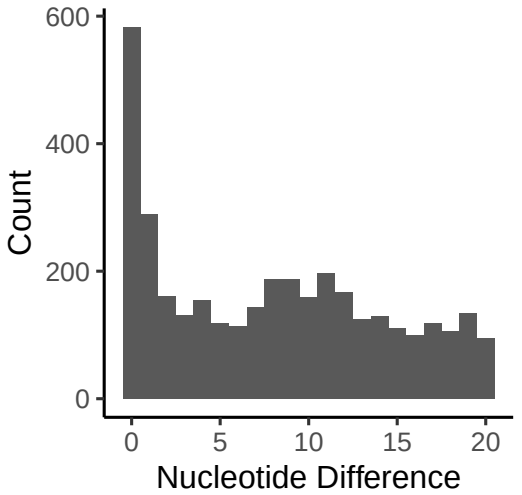
IGHV1−8*01

2757 sequences assigned
332 (12%) exact matches, in which:
321 unique CDR3
7 unique J



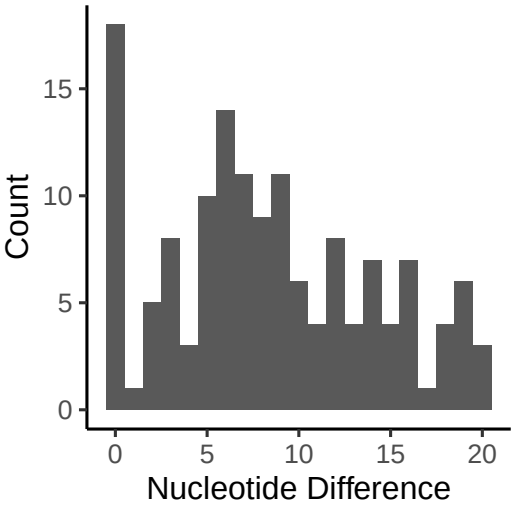
IGHV1−18*04

4300 sequences assigned
583 (13.6%) exact matches, in which:
567 unique CDR3
7 unique J



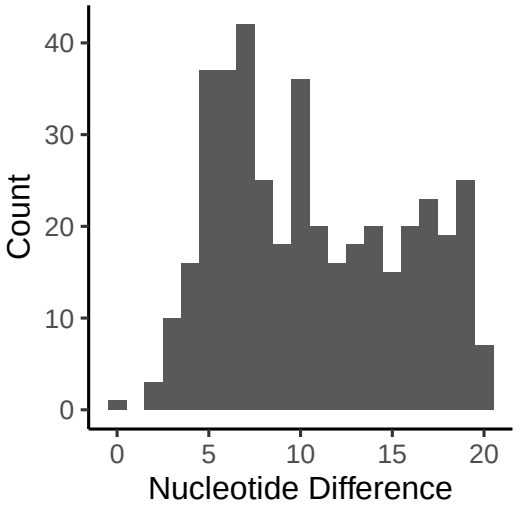
IGHV1−2*05

169 sequences assigned
18 (10.7%) exact matches, in which:
18 unique CDR3
4 unique J



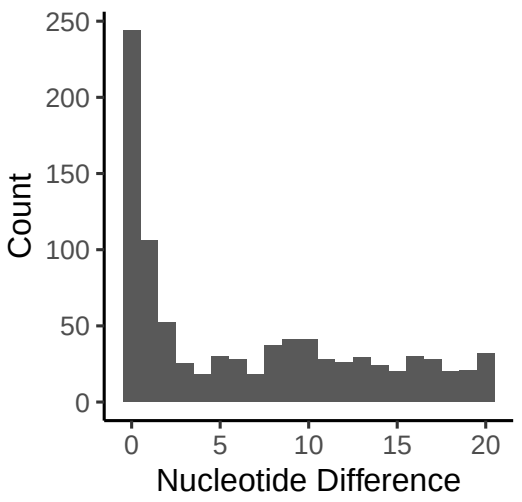
IGHV1−8*02

483 sequences assigned
1 (0.2%) exact matches, in which:
1 unique CDR3
1 unique J



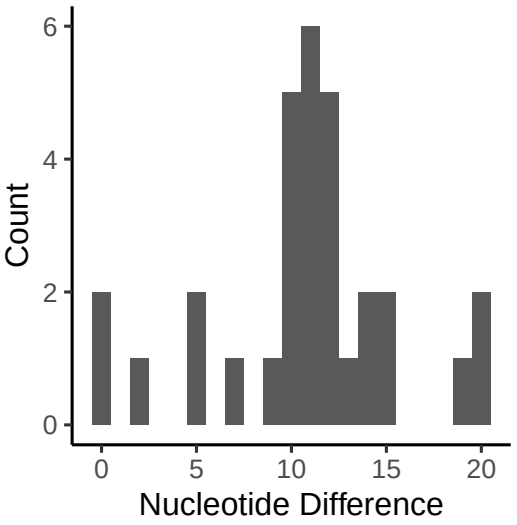
IGHV1−24*01

1121 sequences assigned
244 (21.8%) exact matches, in which:
243 unique CDR3
7 unique J



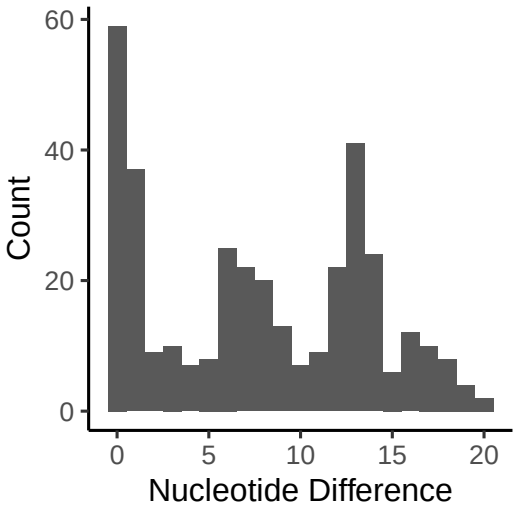
IGHV1−45*02

37 sequences assigned
2 (5.4%) exact matches, in which:
2 unique CDR3
1 unique J



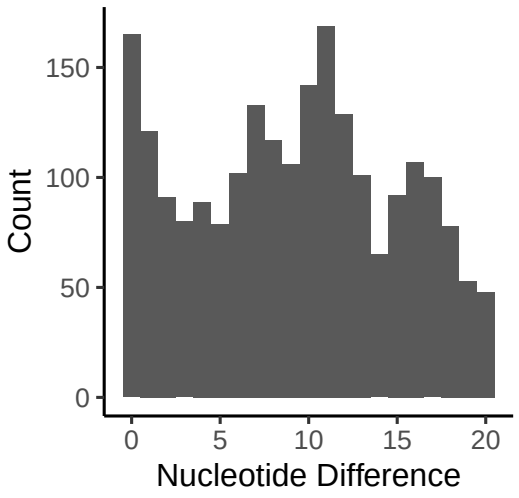
IGHV1−58*01_03

395 sequences assigned
59 (14.9%) exact matches, in which:
59 unique CDR3
7 unique J



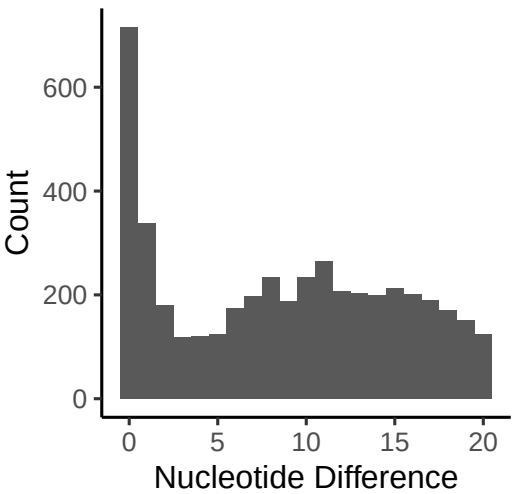
IGHV2−5*02

2446 sequences assigned
165 (6.7%) exact matches, in which:
160 unique CDR3
6 unique J



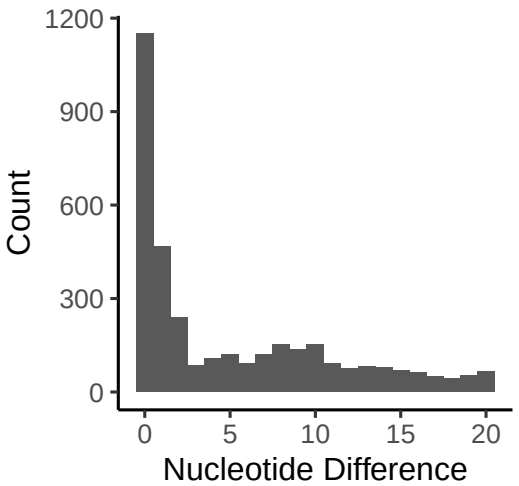
IGHV1−46*01

5908 sequences assigned
716 (12.1%) exact matches, in which:
708 unique CDR3
7 unique J



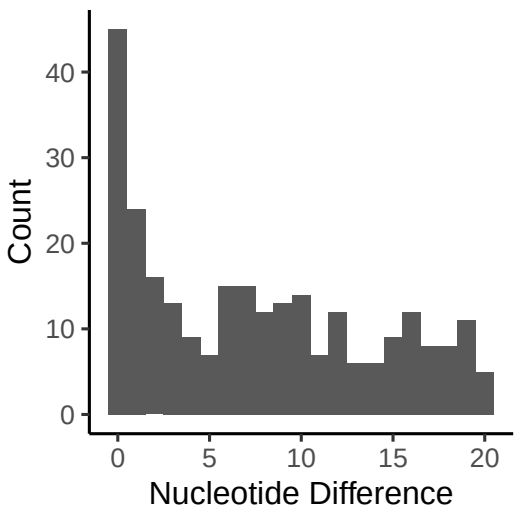
IGHV1−69*01_12_13

4023 sequences assigned
1150 (28.6%) exact matches, in which:
1140 unique CDR3
7 unique J



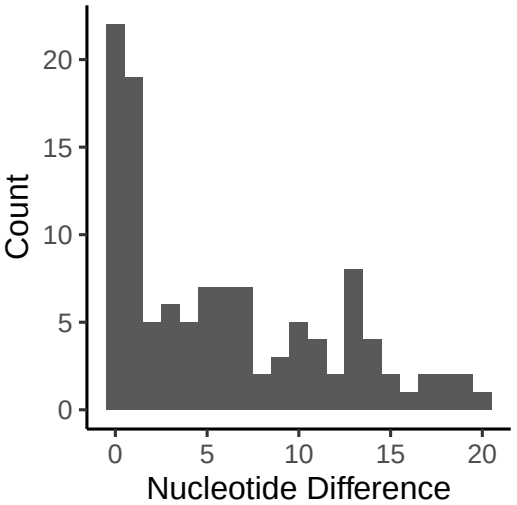
IGHV2−26*01

309 sequences assigned
45 (14.6%) exact matches, in which:
44 unique CDR3
6 unique J



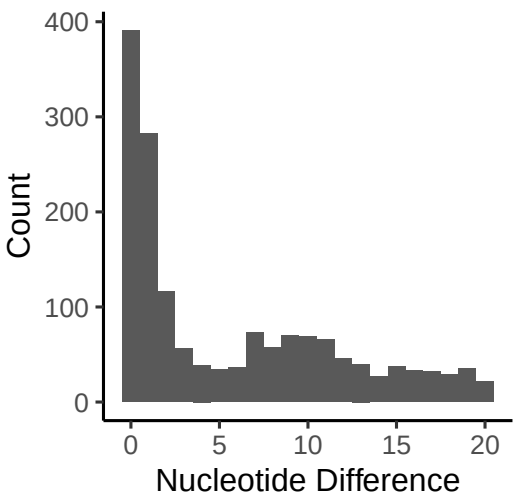
IGHV1−58*02

127 sequences assigned
22 (17.3%) exact matches, in which:
22 unique CDR3
5 unique J



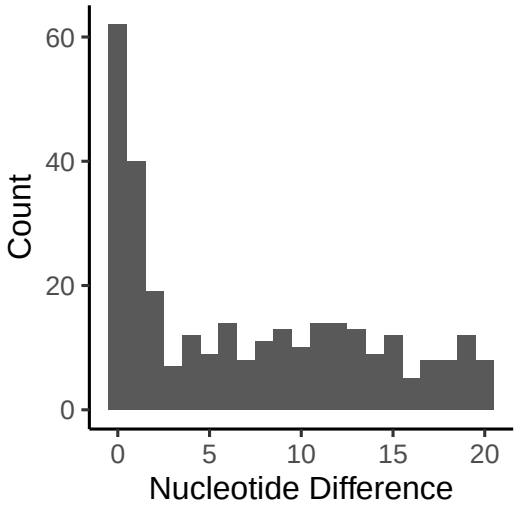
IGHV1−69*10

1972 sequences assigned
391 (19.8%) exact matches, in which:
385 unique CDR3
7 unique J



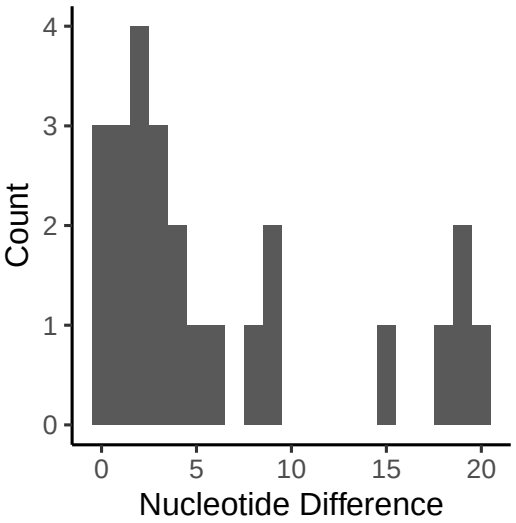
IGHV2−70*01

344 sequences assigned
62 (18%) exact matches, in which:
62 unique CDR3
5 unique J



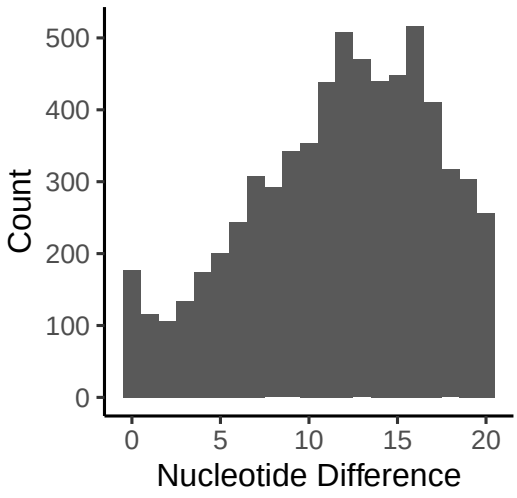
IGHV2−70*12

29 sequences assigned
3 (10.3%) exact matches, in which:
3 unique CDR3
2 unique J



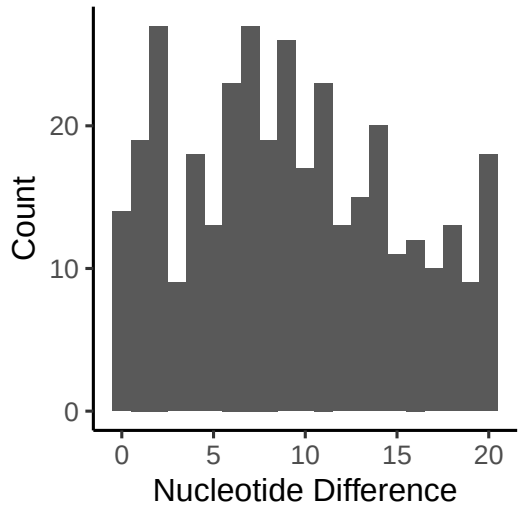
IGHV3−7*03

8429 sequences assigned
177 (2.1%) exact matches, in which:
176 unique CDR3
7 unique J



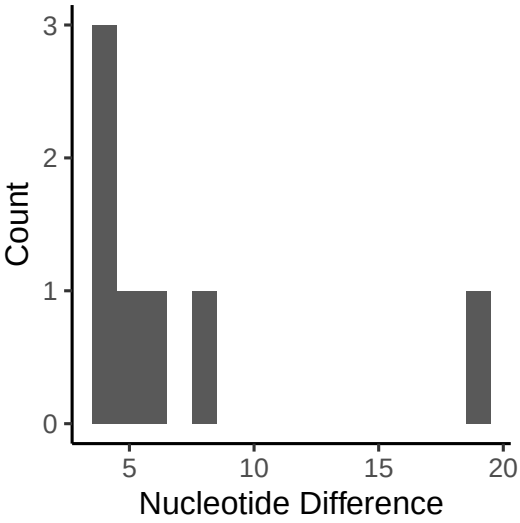
IGHV3−11*04

417 sequences assigned
14 (3.4%) exact matches, in which:
14 unique CDR3
4 unique J



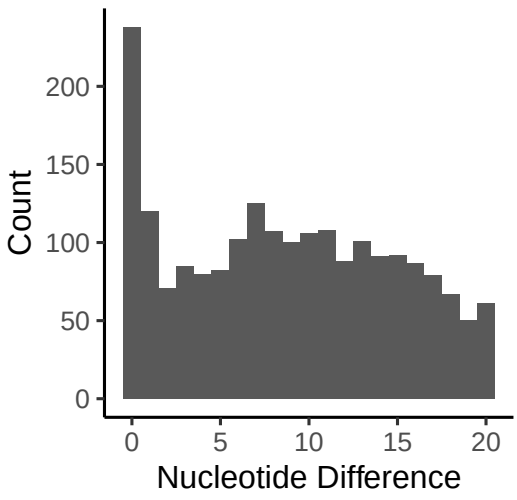
IGHV2−70D*04

7 sequences assigned
No exact matches.



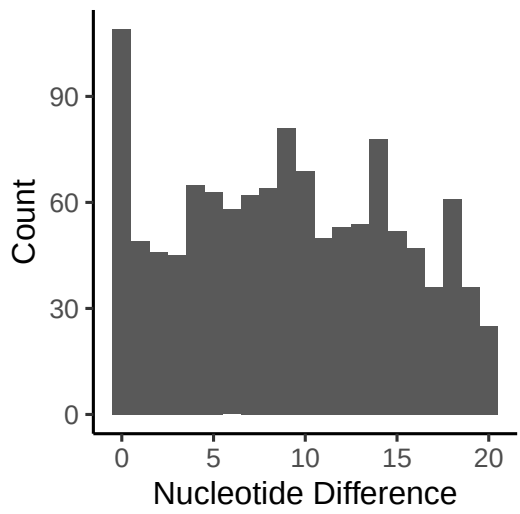
IGHV3−9*01

2351 sequences assigned
238 (10.1%) exact matches, in which:
236 unique CDR3
7 unique J



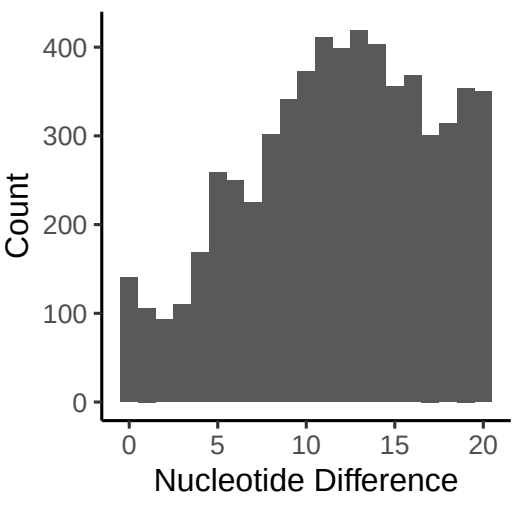
IGHV3−11*06

1492 sequences assigned
109 (7.3%) exact matches, in which:
108 unique CDR3
6 unique J



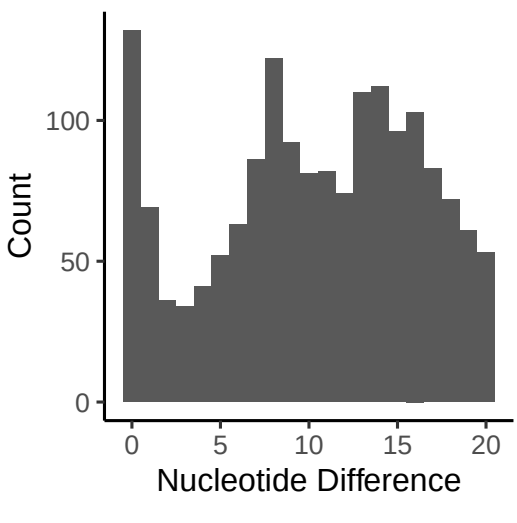
IGHV3−7*01

8165 sequences assigned
140 (1.7%) exact matches, in which:
138 unique CDR3
7 unique J



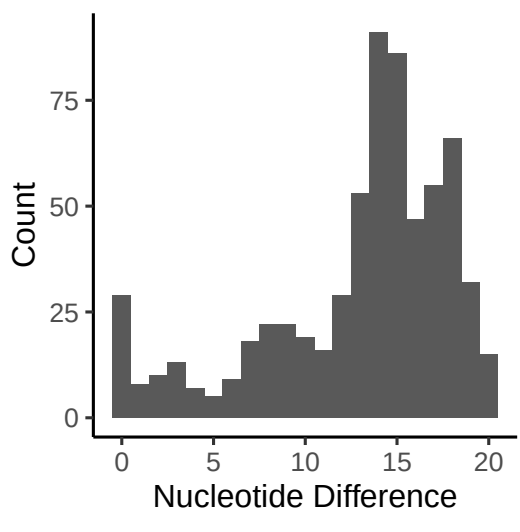
IGHV3−11*01

2380 sequences assigned
132 (5.5%) exact matches, in which:
130 unique CDR3
7 unique J



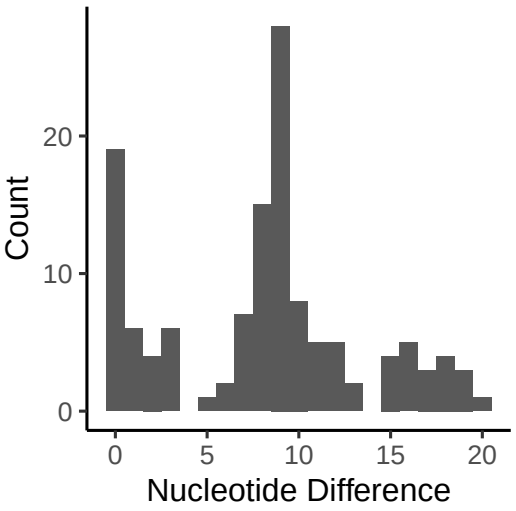
IGHV3−13*01

790 sequences assigned
29 (3.7%) exact matches, in which:
28 unique CDR3
7 unique J



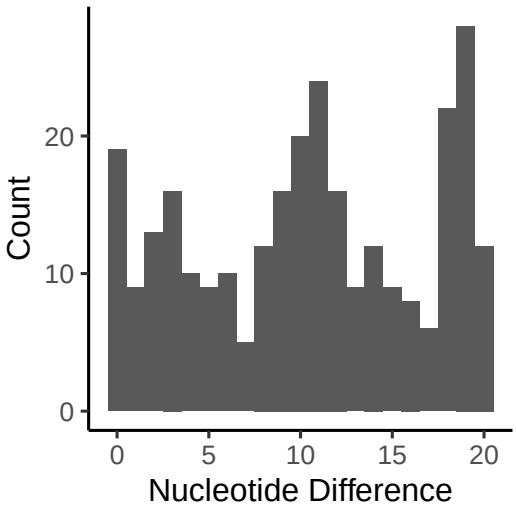
IGHV3−13*05

133 sequences assigned
19 (14.3%) exact matches, in which:
19 unique CDR3
5 unique J



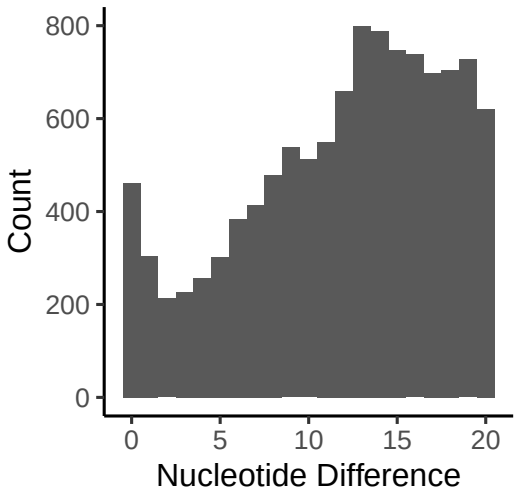
IGHV3−20*01_02

317 sequences assigned
19 (6%) exact matches, in which:
19 unique CDR3
5 unique J



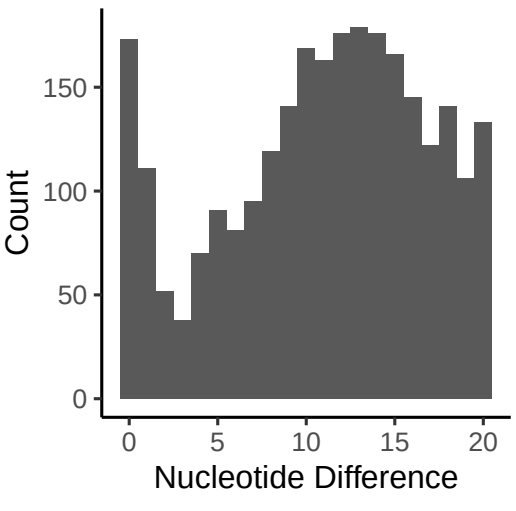
IGHV3−23*01_04

16262 sequences assigned
461 (2.8%) exact matches, in which:
458 unique CDR3
7 unique J



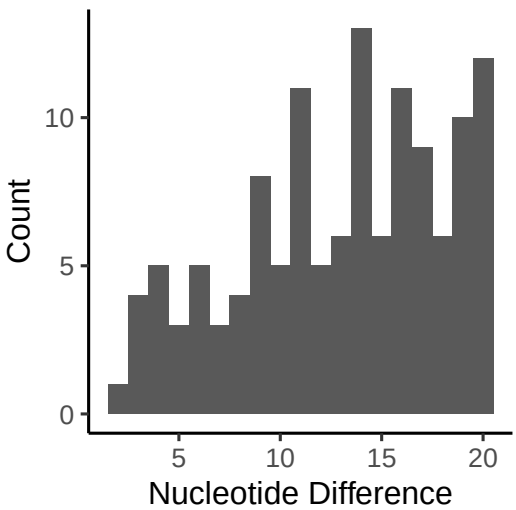
IGHV3−15*01_02

3703 sequences assigned
173 (4.7%) exact matches, in which:
170 unique CDR3
7 unique J



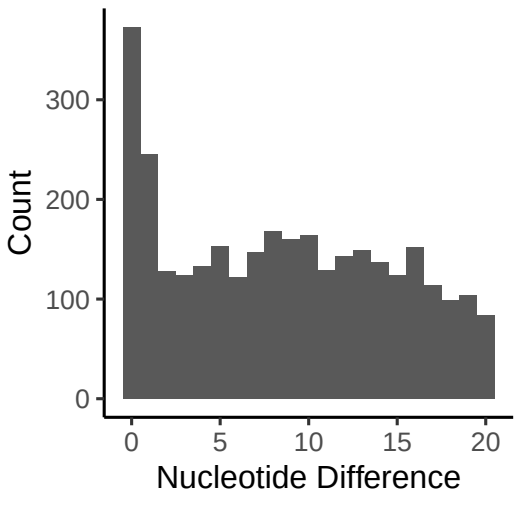
IGHV3−20*03_04

201 sequences assigned
No exact matches.



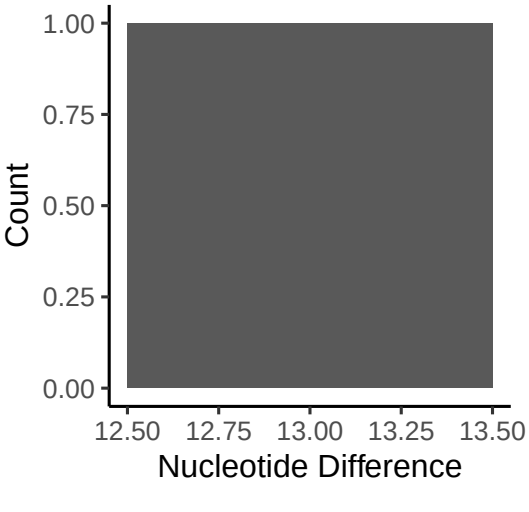
IGHV3−30−3*01

3998 sequences assigned
373 (9.3%) exact matches, in which:
368 unique CDR3
7 unique J



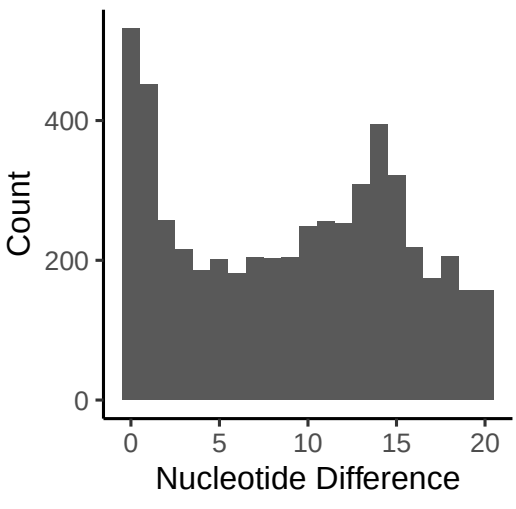
IGHV3−19*01

1 sequences assigned
No exact matches.



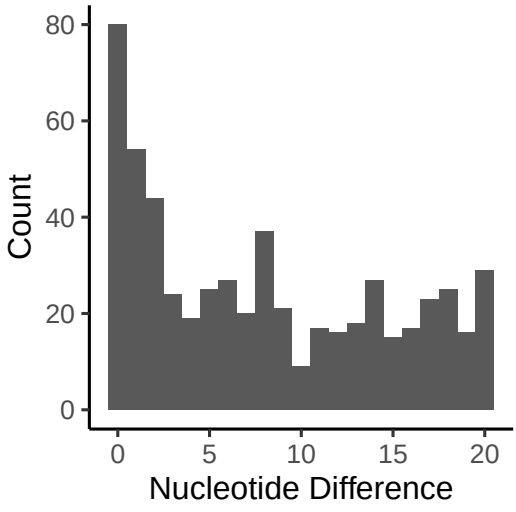
IGHV3−21*01_02

6499 sequences assigned
532 (8.2%) exact matches, in which:
499 unique CDR3
7 unique J



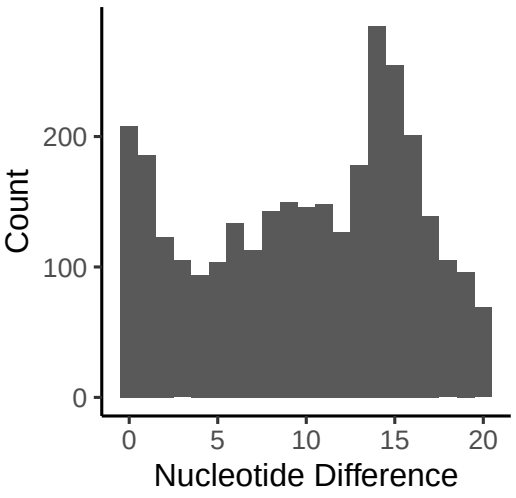
IGHV3−30*03

816 sequences assigned
80 (9.8%) exact matches, in which:
80 unique CDR3
7 unique J



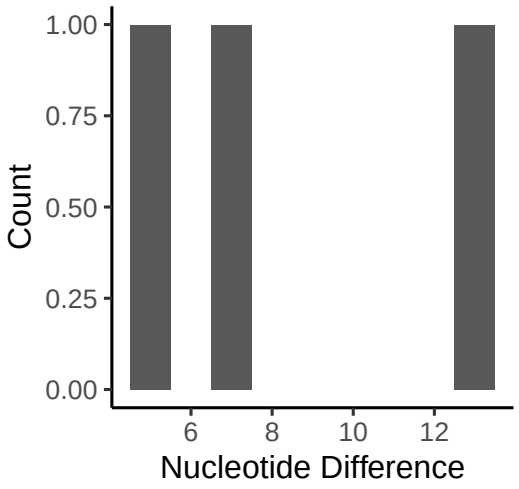
IGHV3−33*01

3728 sequences assigned
208 (5.6%) exact matches, in which:
199 unique CDR3
6 unique J



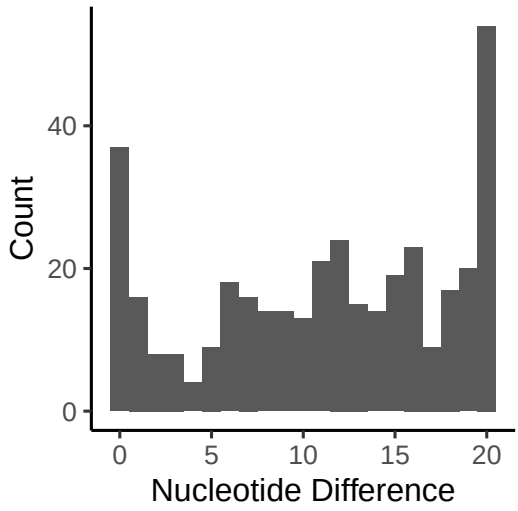
IGHV3−35*01

3 sequences assigned
No exact matches.



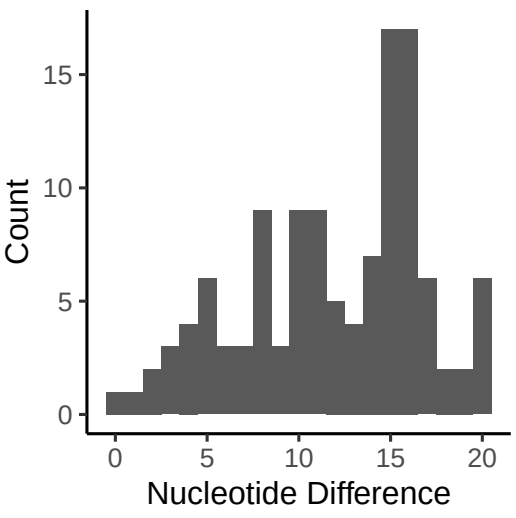
IGHV3−43*01

582 sequences assigned
37 (6.4%) exact matches, in which:
37 unique CDR3
4 unique J



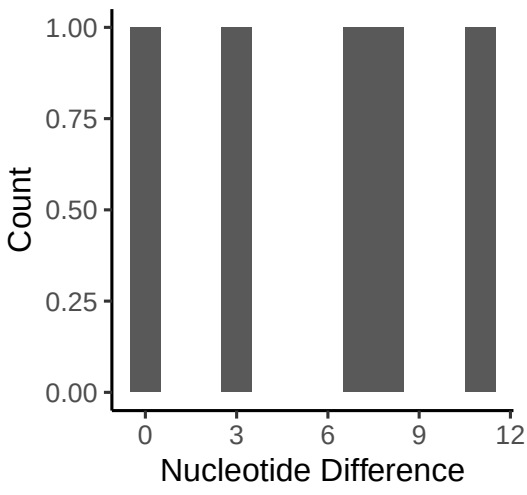
IGHV3−33*05

148 sequences assigned
1 (0.7%) exact matches, in which:
1 unique CDR3
1 unique J



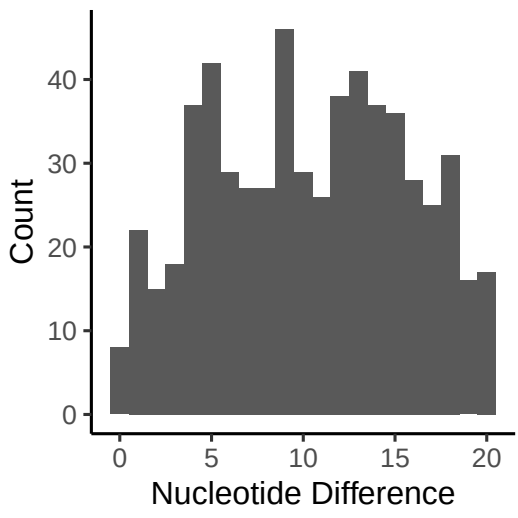
IGHV3−38−3*01

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



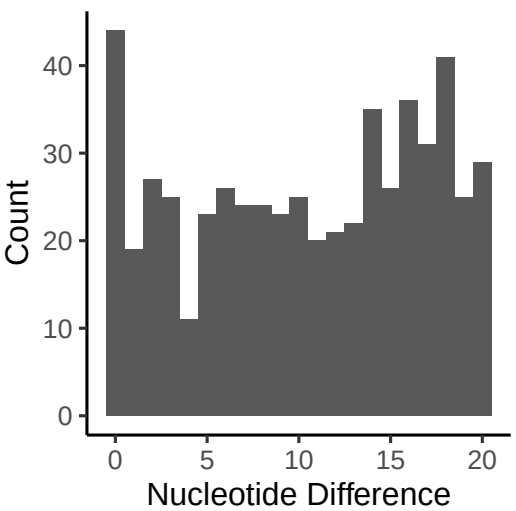
IGHV3−48*01

722 sequences assigned
8 (1.1%) exact matches, in which:
8 unique CDR3
3 unique J



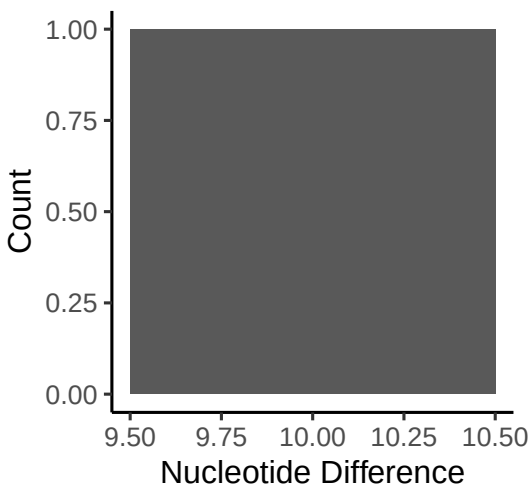
IGHV3−33*08

740 sequences assigned
44 (5.9%) exact matches, in which:
43 unique CDR3
5 unique J



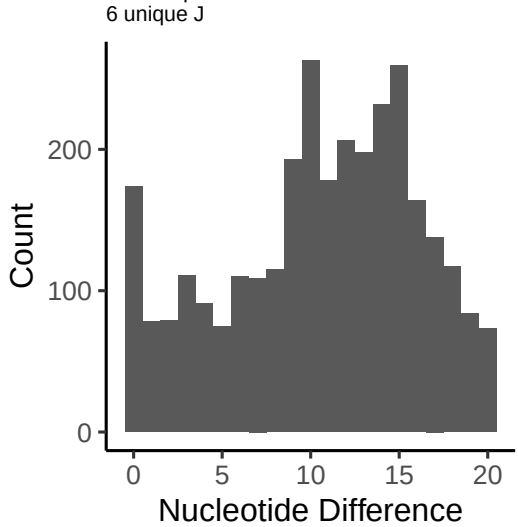
IGHV3−38*03

1 sequences assigned
No exact matches.



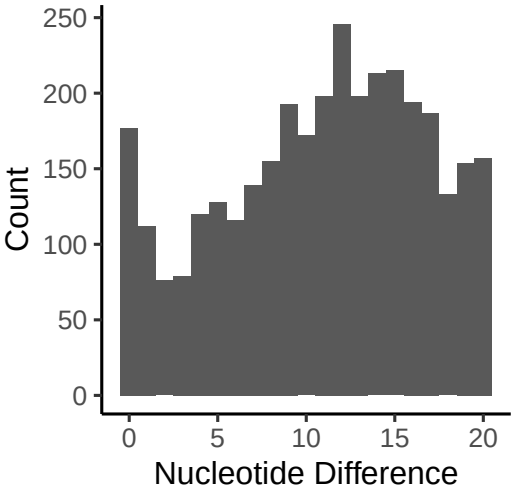
IGHV3−48*02

3581 sequences assigned
174 (4.9%) exact matches, in which:
170 unique CDR3
6 unique J



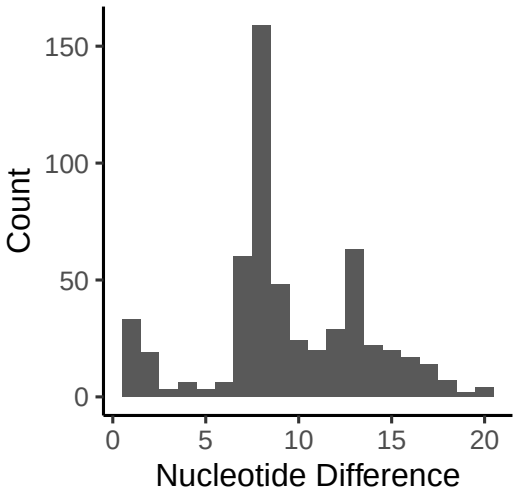
IGHV3−48*04

4437 sequences assigned
177 (4%) exact matches, in which:
173 unique CDR3
7 unique J



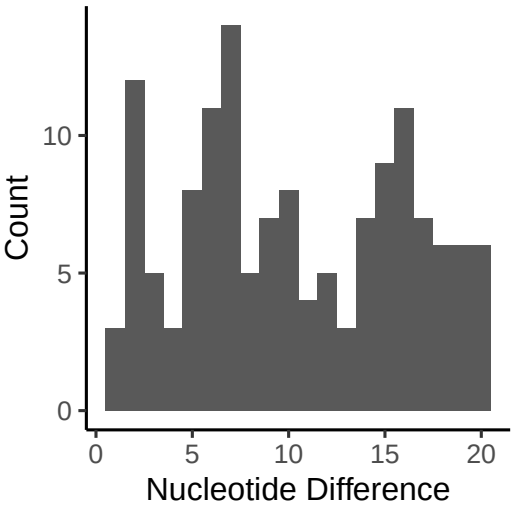
IGHV3−53*05

596 sequences assigned
No exact matches.



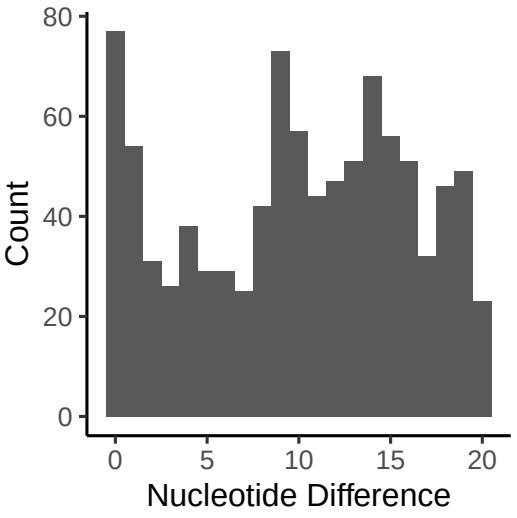
IGHV3−64*04

197 sequences assigned
No exact matches.



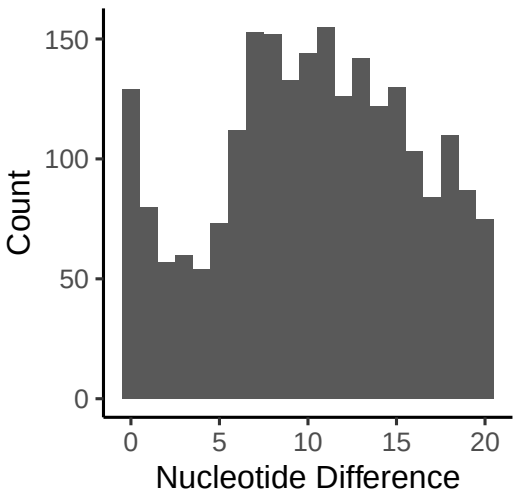
IGHV3−49*03_05

1206 sequences assigned
77 (6.4%) exact matches, in which:
73 unique CDR3
7 unique J



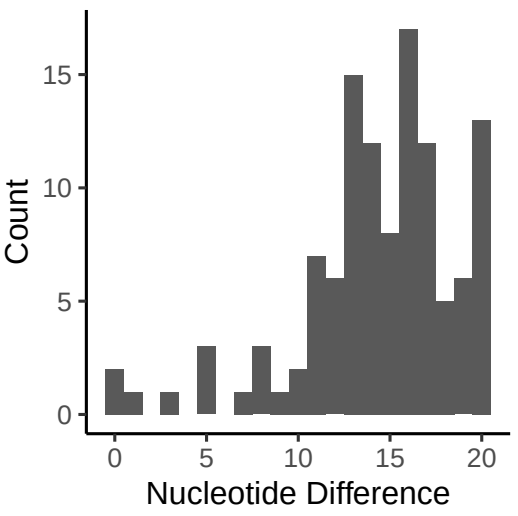
IGHV3−53*01_02

3055 sequences assigned
129 (4.2%) exact matches, in which:
126 unique CDR3
7 unique J



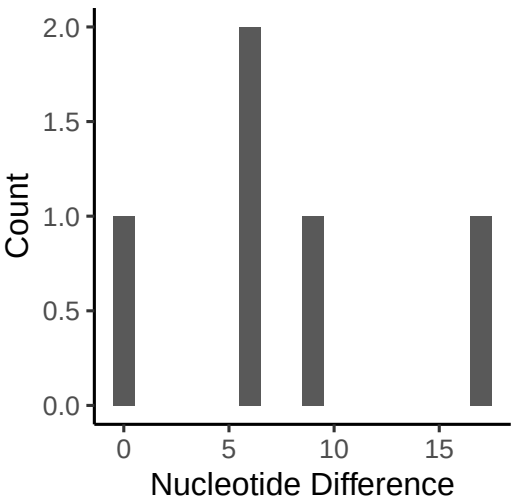
IGHV3−64*02_07

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



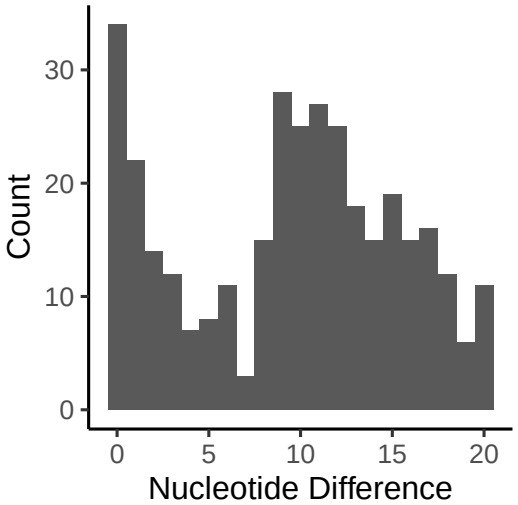
IGHV3−52*01_03

6 sequences assigned
1 (16.7%) exact matches, in which:
1 unique CDR3
1 unique J



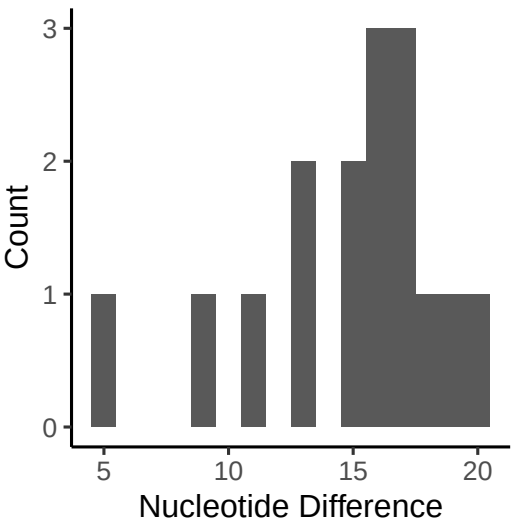
IGHV3−64*01

474 sequences assigned
34 (7.2%) exact matches, in which:
32 unique CDR3
4 unique J



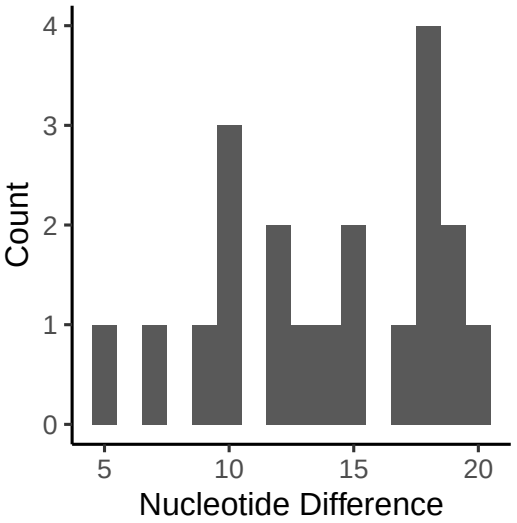
IGHV3−66*01

21 sequences assigned
No exact matches.



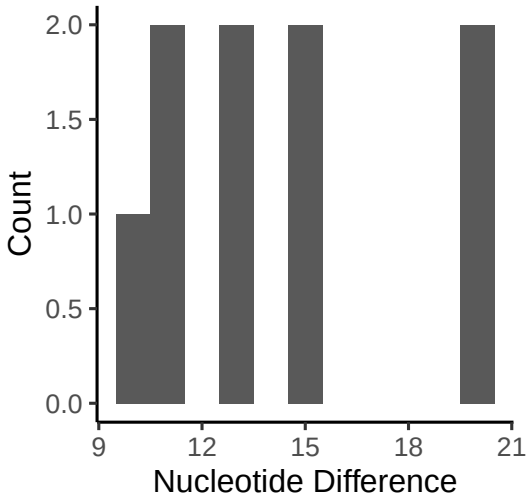
IGHV3−66*02

28 sequences assigned
No exact matches.



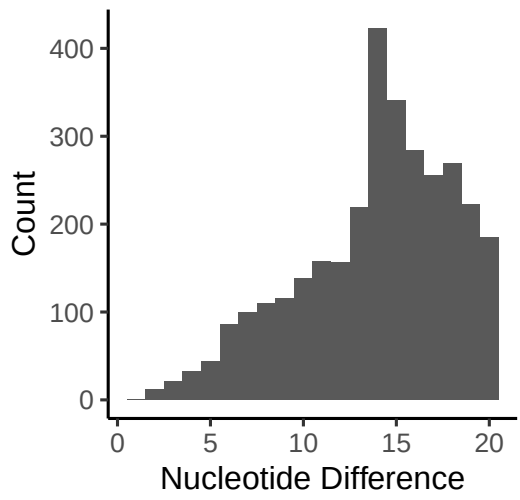
IGHV3−69−1*02

36 sequences assigned
No exact matches.



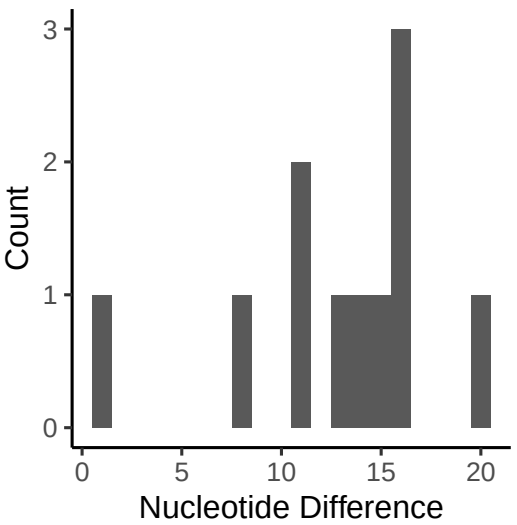
IGHV3−74*03

4520 sequences assigned
No exact matches.



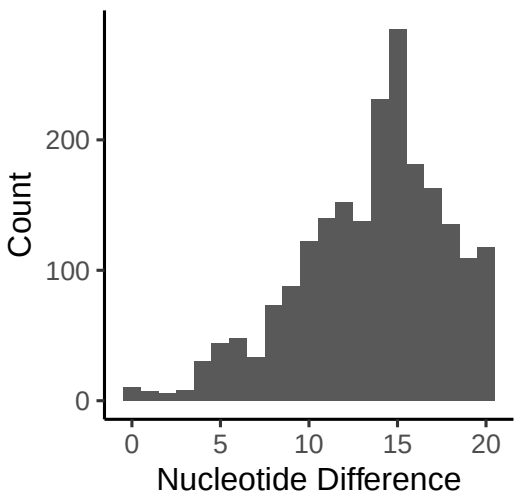
IGHV3−66*03

15 sequences assigned
No exact matches.



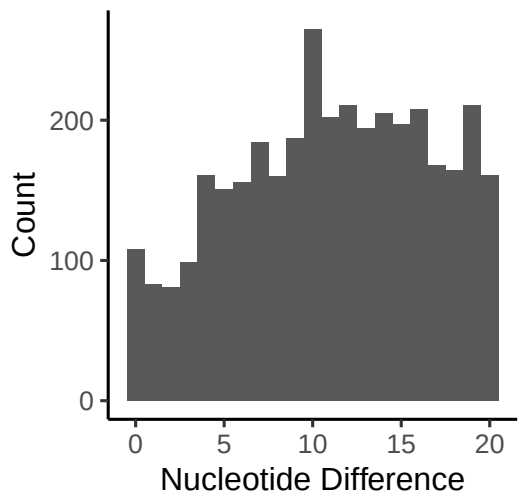
IGHV3−72*01

2899 sequences assigned
10 (0.3%) exact matches, in which:
10 unique CDR3
4 unique J



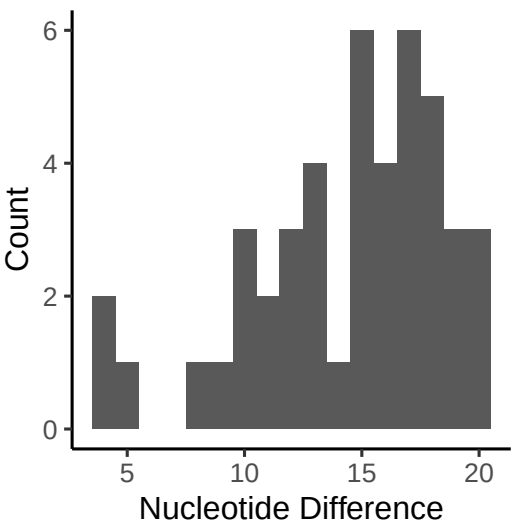
IGHV3−74*01_02

4210 sequences assigned
108 (2.6%) exact matches, in which:
102 unique CDR3
6 unique J



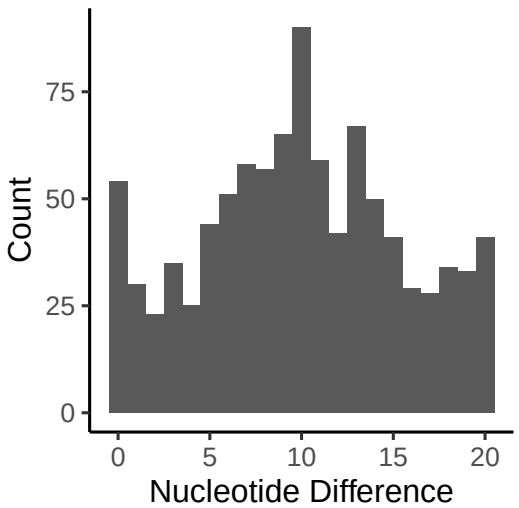
IGHV3−69−1*01

97 sequences assigned
No exact matches.



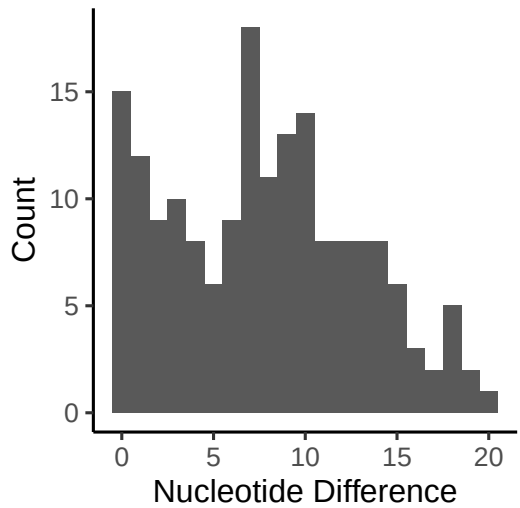
IGHV3−73*01_02

1126 sequences assigned
54 (4.8%) exact matches, in which:
54 unique CDR3
7 unique J



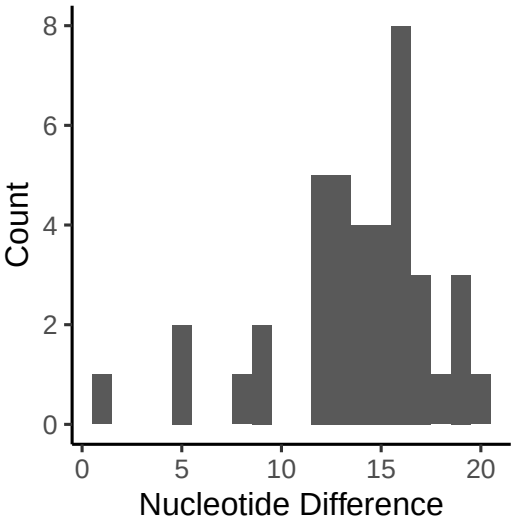
IGHV3−43D*03

187 sequences assigned
15 (8%) exact matches, in which:
14 unique CDR3
2 unique J



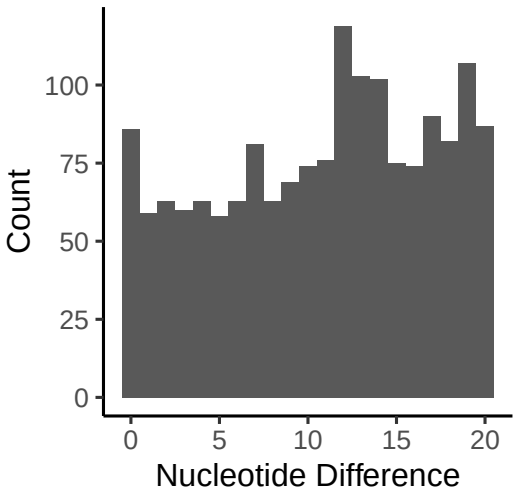
IGHV3−43D*04

72 sequences assigned
No exact matches.



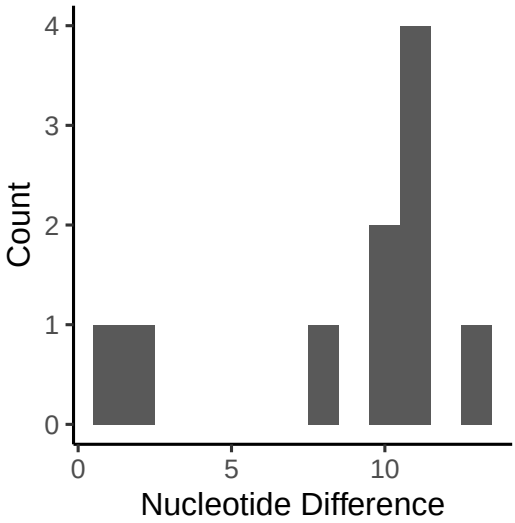
IGHV4−4*02_03

2332 sequences assigned
86 (3.7%) exact matches, in which:
86 unique CDR3
7 unique J



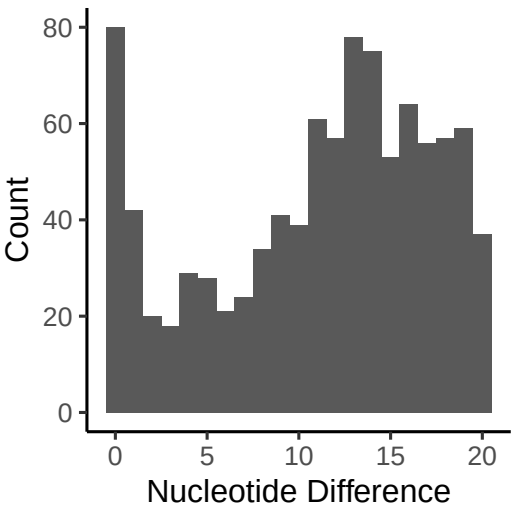
IGHV4−28*02_05

10 sequences assigned
No exact matches.



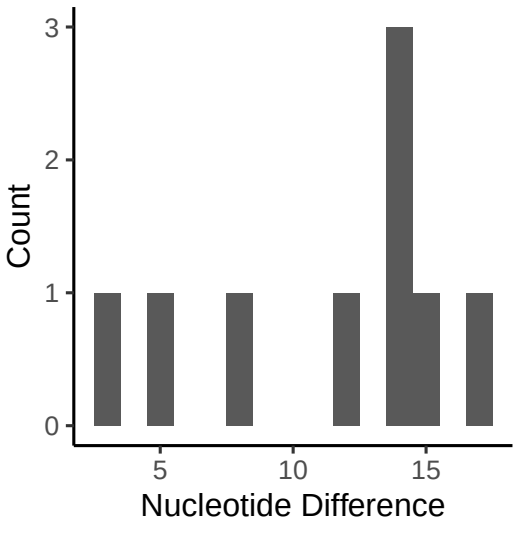
IGHV3−64D*06

1499 sequences assigned
80 (5.3%) exact matches, in which:
80 unique CDR3
7 unique J



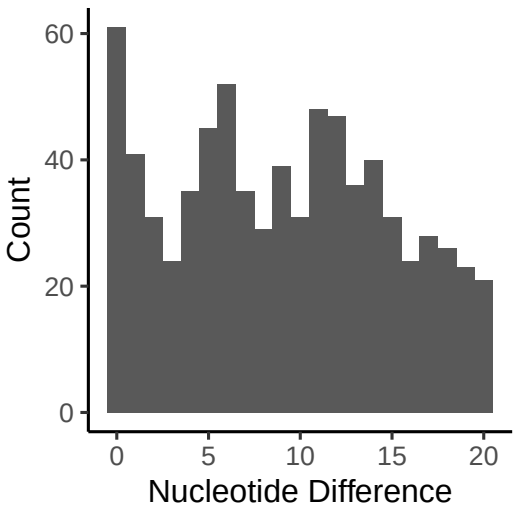
IGHV4−28*03

11 sequences assigned
No exact matches.



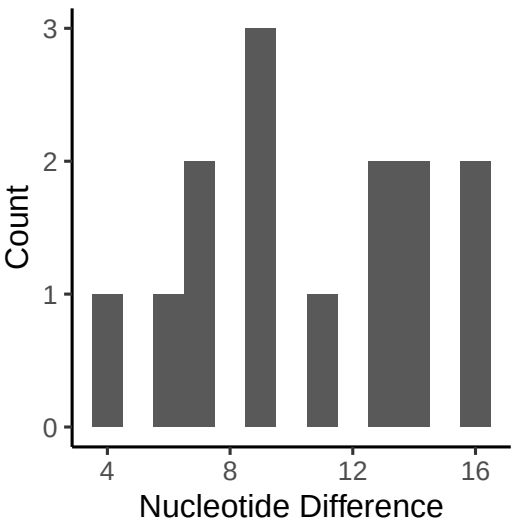
IGHV4−30−4*01

1042 sequences assigned
61 (5.9%) exact matches, in which:
60 unique CDR3
7 unique J



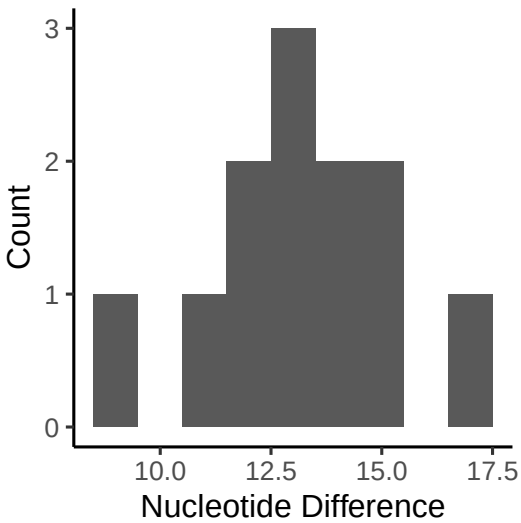
IGHV3−NL1*01

29 sequences assigned
No exact matches.



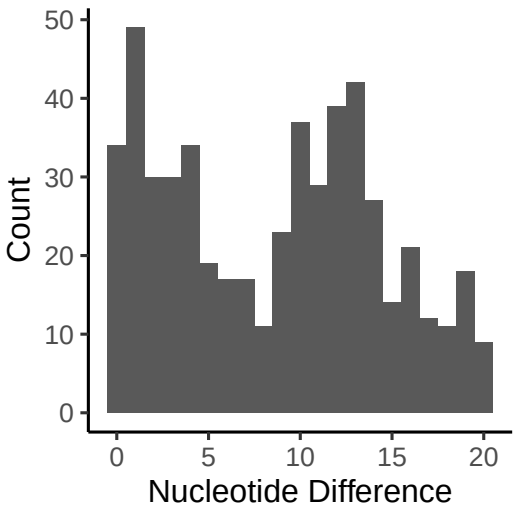
IGHV4−28*01_07

13 sequences assigned
No exact matches.



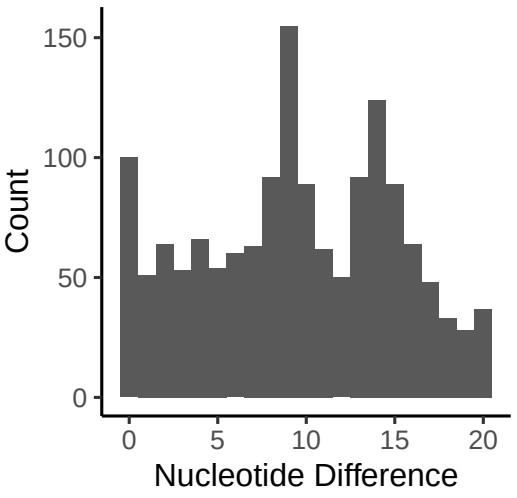
IGHV4−30−2*01

713 sequences assigned
34 (4.8%) exact matches, in which:
34 unique CDR3
5 unique J



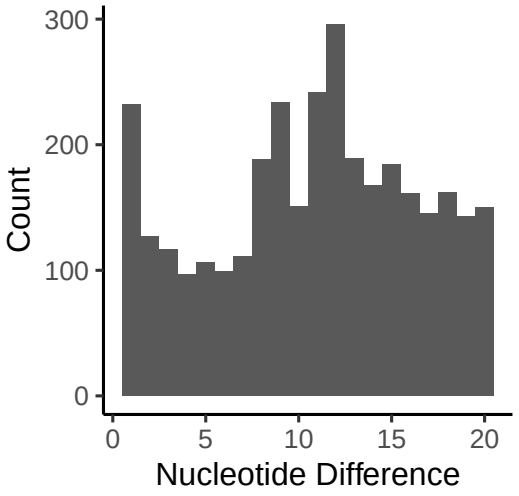
IGHV4−31*02

1853 sequences assigned
100 (5.4%) exact matches, in which:
99 unique CDR3
6 unique J



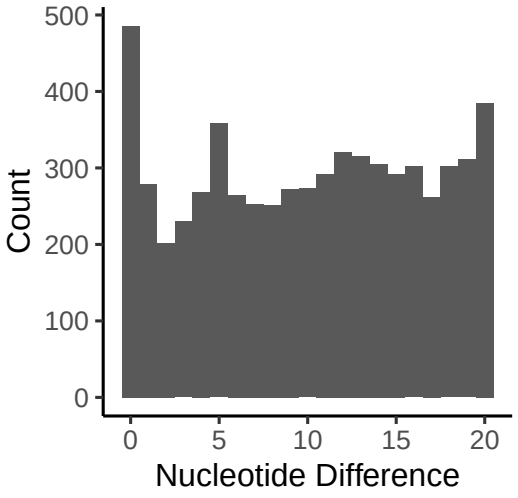
IGHV4−39*02

5389 sequences assigned
No exact matches.



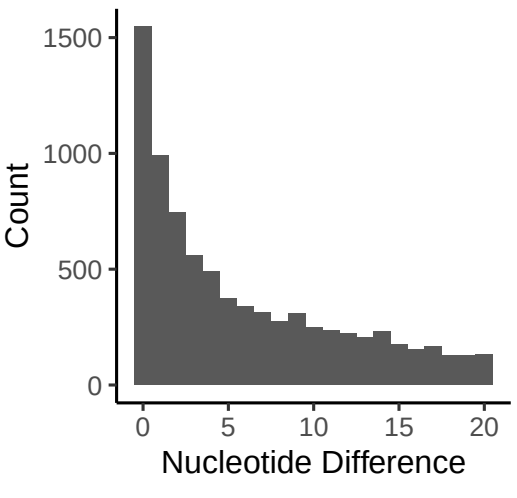
IGHV4−59*01_07

8130 sequences assigned
486 (6%) exact matches, in which:
471 unique CDR3
7 unique J



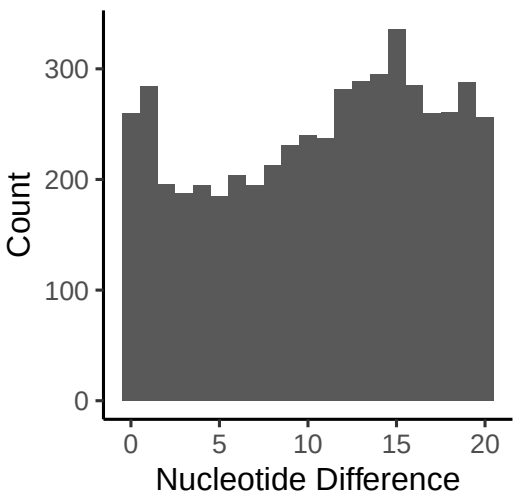
IGHV4−34*01_02

9033 sequences assigned
1547 (17.1%) exact matches, in which:
1507 unique CDR3
7 unique J



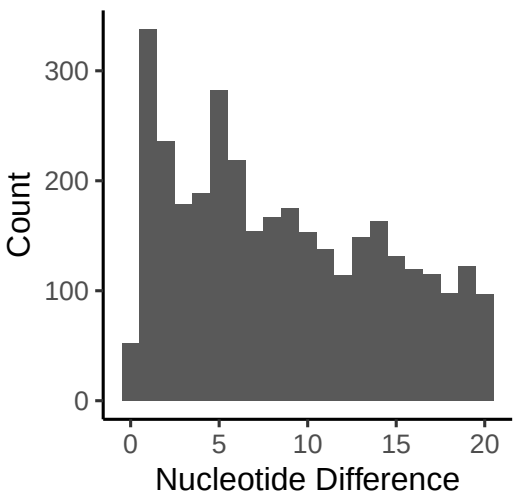
IGHV4−39*07

7312 sequences assigned
260 (3.6%) exact matches, in which:
257 unique CDR3
7 unique J



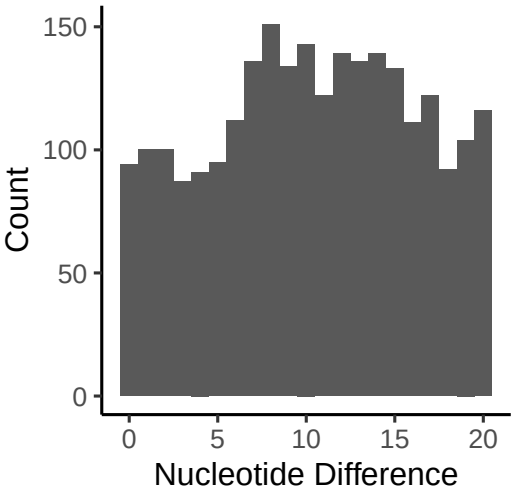
IGHV4−59*12

4436 sequences assigned
52 (1.2%) exact matches, in which:
52 unique CDR3
6 unique J



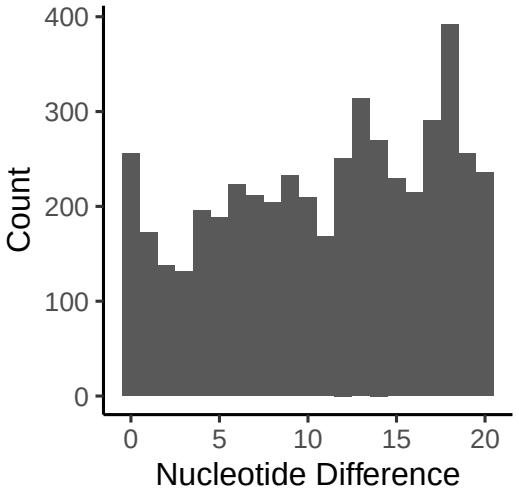
IGHV4−38−2*02

3493 sequences assigned
94 (2.7%) exact matches, in which:
92 unique CDR3
7 unique J



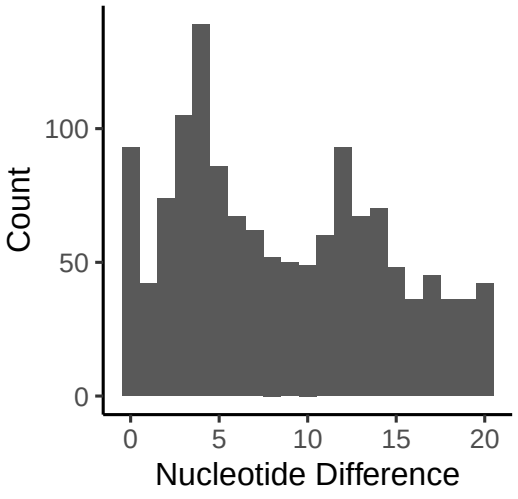
IGHV4−59*08

6352 sequences assigned
256 (4%) exact matches, in which:
251 unique CDR3
7 unique J



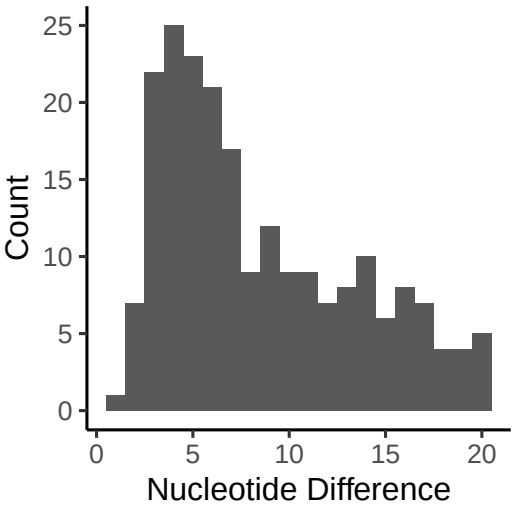
IGHV4−61*01

1823 sequences assigned
93 (5.1%) exact matches, in which:
91 unique CDR3
7 unique J



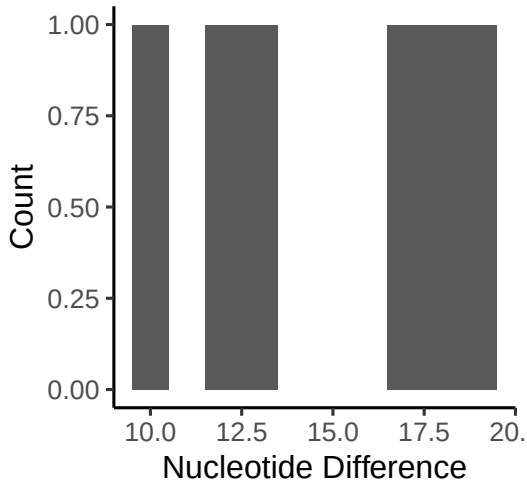
IGHV4−61*05

265 sequences assigned
No exact matches.



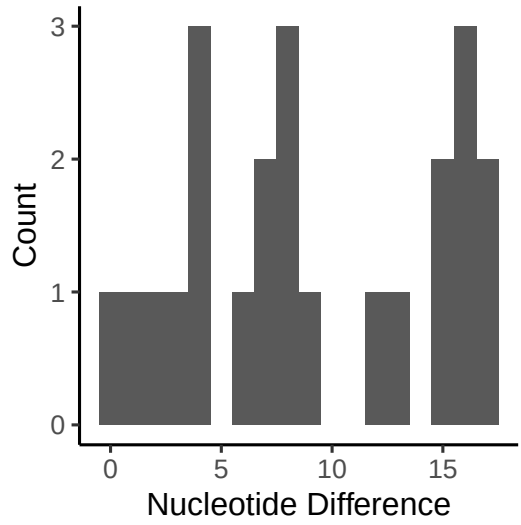
IGHV4/OR15−8*01

14 sequences assigned
No exact matches.



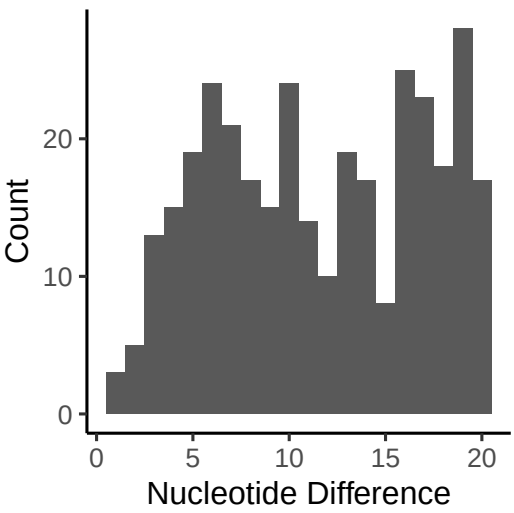
IGHV5−51*04

29 sequences assigned
1 (3.4%) exact matches, in which:
1 unique CDR3
1 unique J



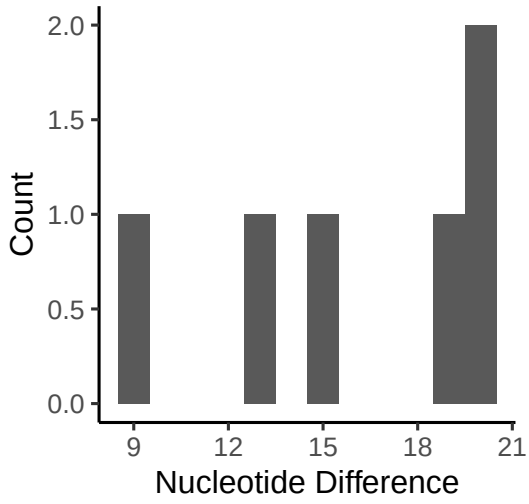
IGHV4−61*08

536 sequences assigned
No exact matches.



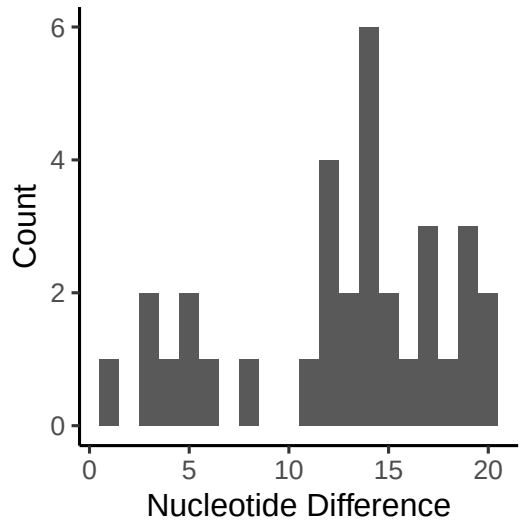
IGHV4/OR15−8*02

31 sequences assigned
No exact matches.



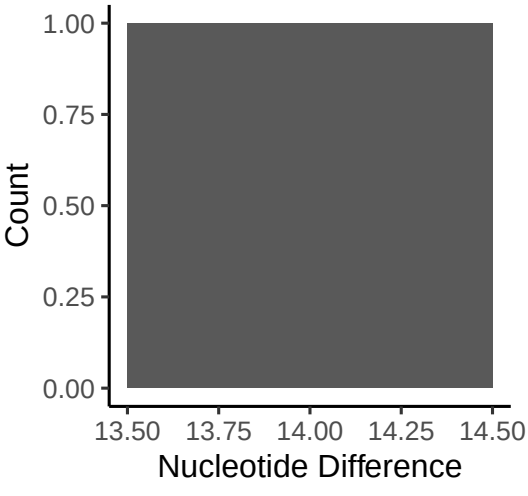
IGHV5−51*06

41 sequences assigned
No exact matches.



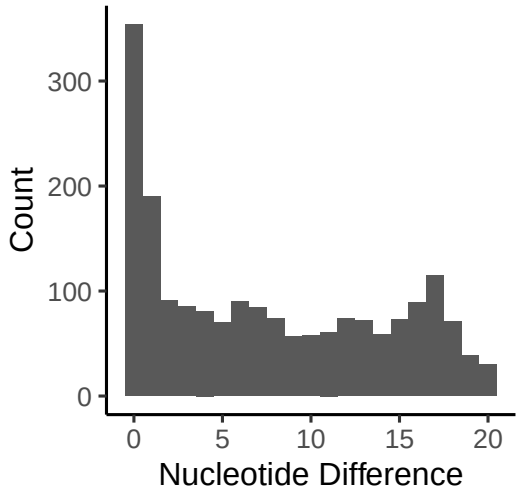
IGHV1/OR15−1*04

1 sequences assigned
No exact matches.



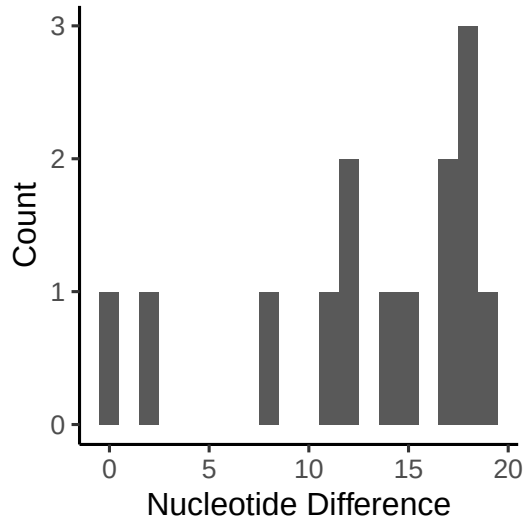
IGHV5−10−1*01_03

2135 sequences assigned
354 (16.6%) exact matches, in which:
350 unique CDR3
7 unique J



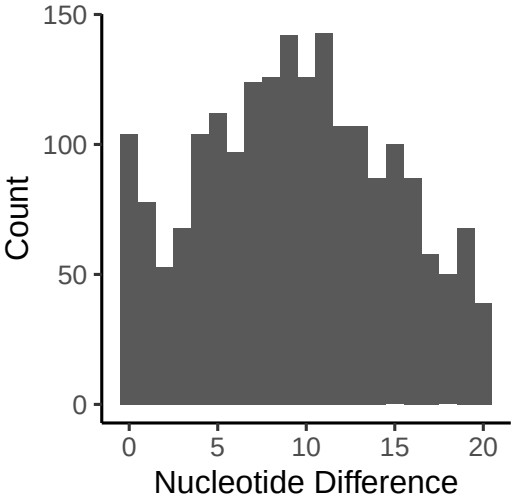
IGHV5−51*07

15 sequences assigned
1 (6.7%) exact matches, in which:
1 unique CDR3
1 unique J



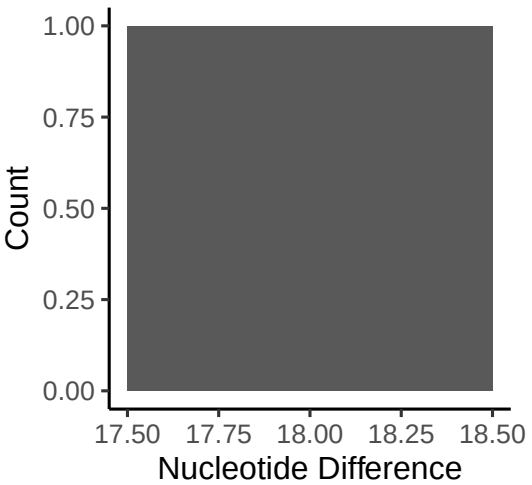
IGHV6−1*01_02

2115 sequences assigned
104 (4.9%) exact matches, in which:
104 unique CDR3
7 unique J



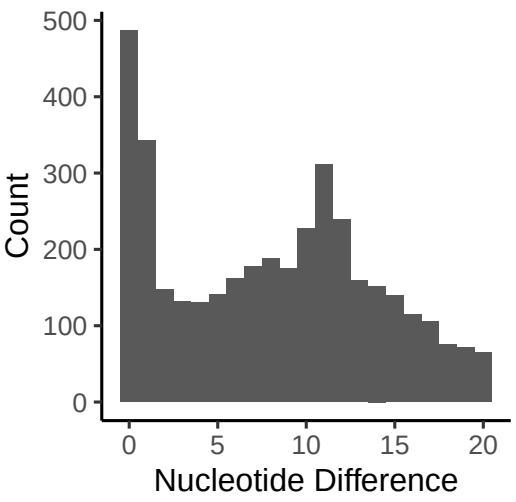
IGHV3/OR16−6*02

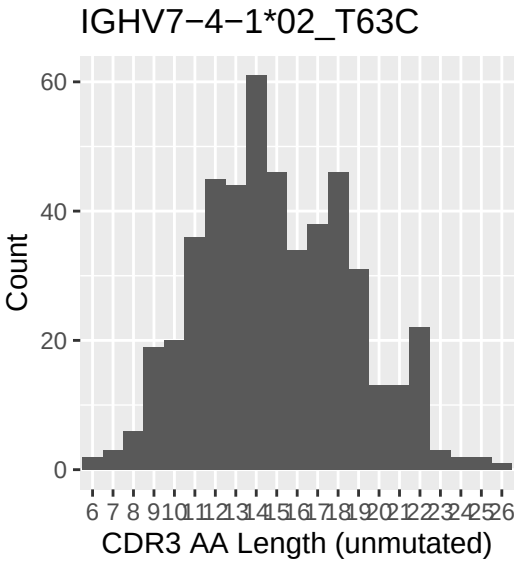
1 sequences assigned
No exact matches.

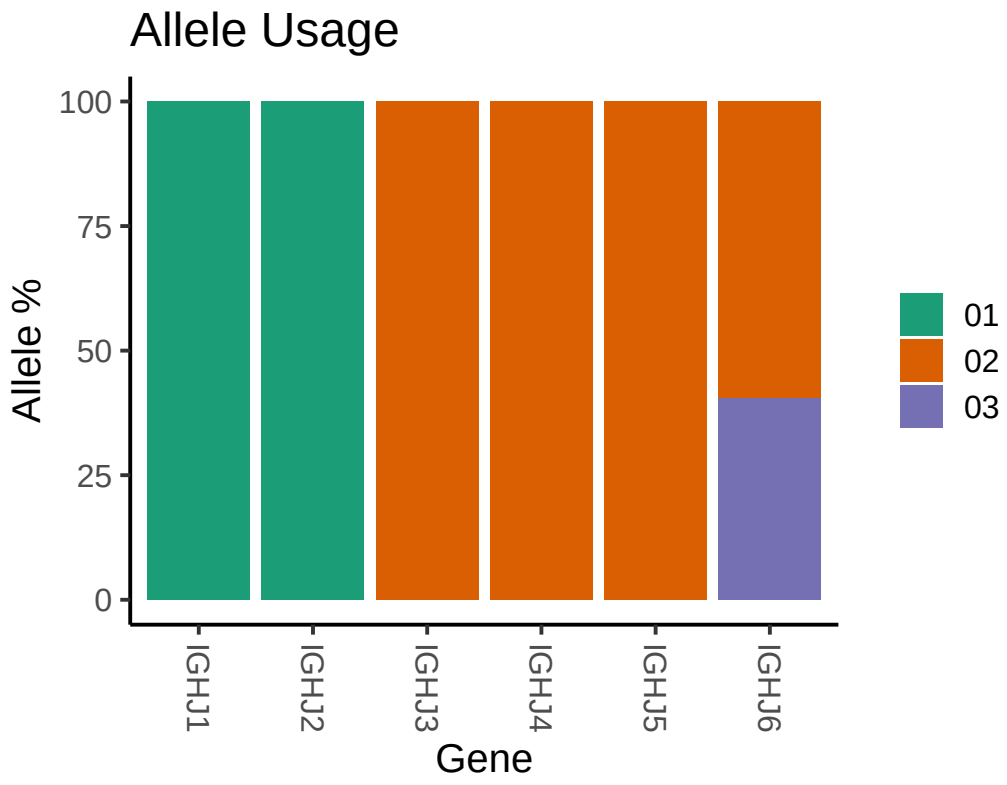


IGHV7−4−1*02_T63C

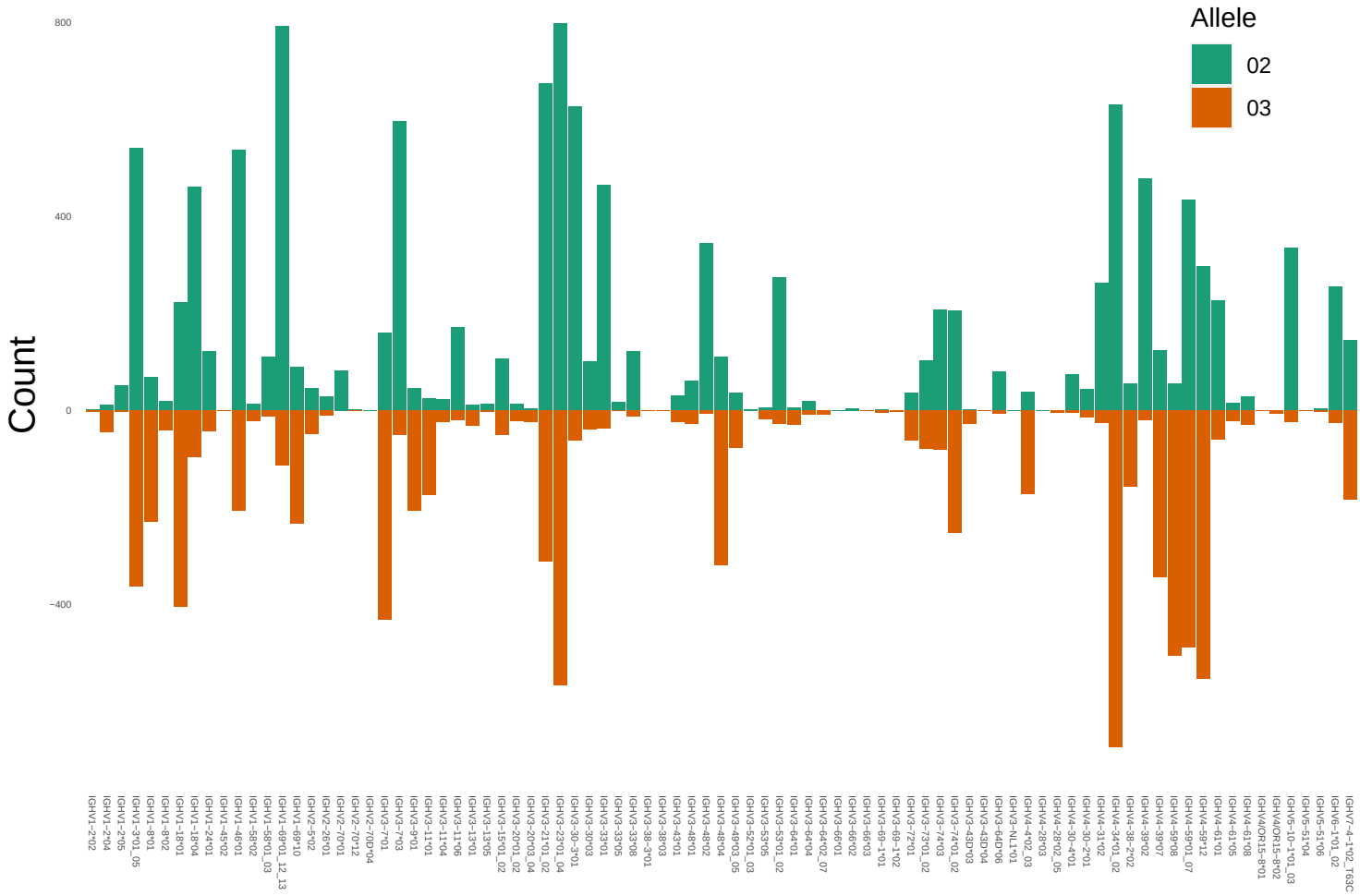
4454 sequences assigned
487 (10.9%) exact matches, in which:
478 unique CDR3
7 unique J




IGHV7−4−1*02_T63C
Count
60
40
20
0
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
CDR3 AA Length (unmutated)


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

Sequence Count by IGHJ6 allele usage



Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.