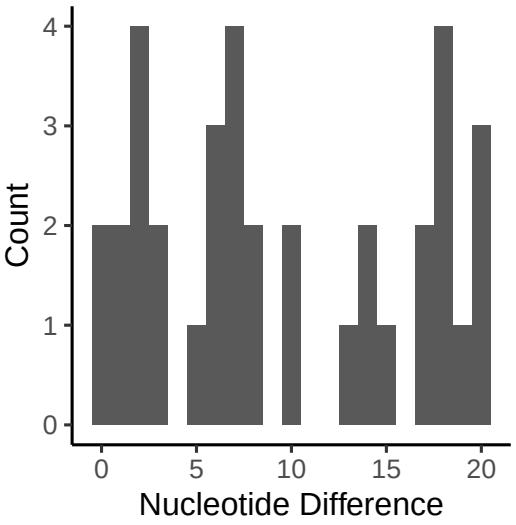
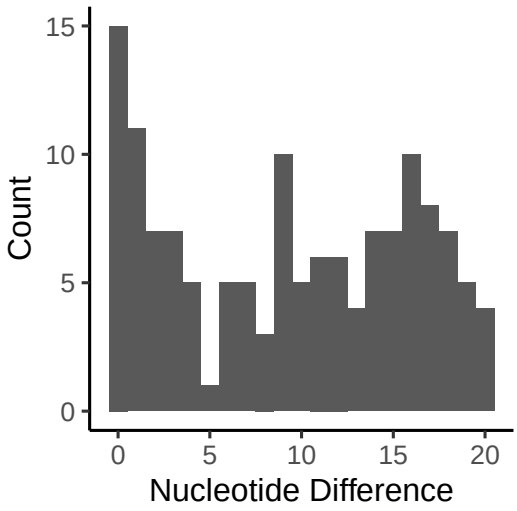
IGHV1−2*04

43 sequences assigned
2 (4.7%) exact matches, in which:
2 unique CDR3
2 unique J



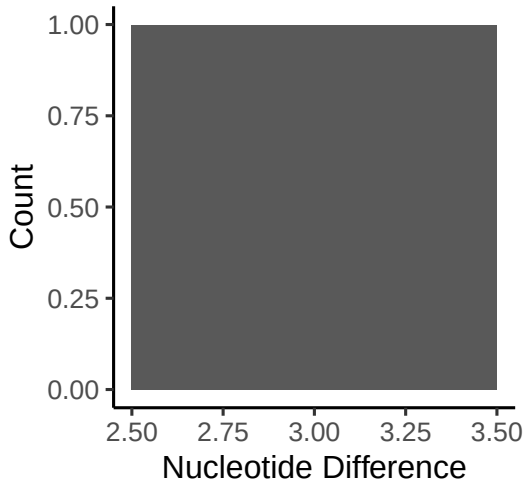
IGHV1−8*01

167 sequences assigned
15 (9%) exact matches, in which:
15 unique CDR3
6 unique J



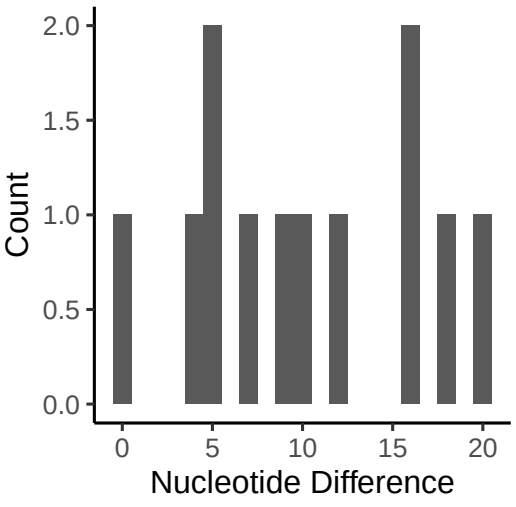
IGHV1−45*02

1 sequences assigned
No exact matches.



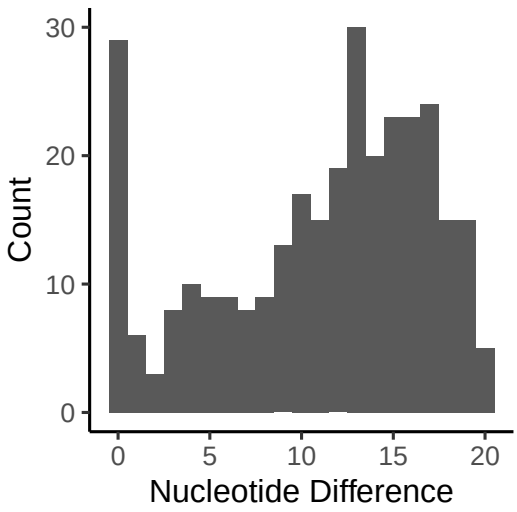
IGHV1−2*05

12 sequences assigned
1 (8.3%) exact matches, in which:
1 unique CDR3
1 unique J



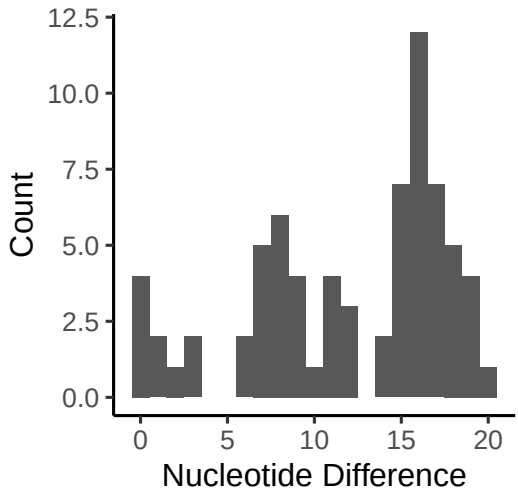
IGHV1−18*01

405 sequences assigned
29 (7.2%) exact matches, in which:
27 unique CDR3
6 unique J



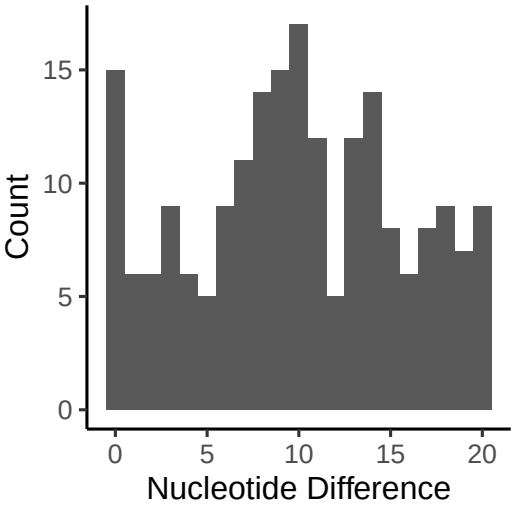
IGHV1−46*01

128 sequences assigned
4 (3.1%) exact matches, in which:
4 unique CDR3
3 unique J



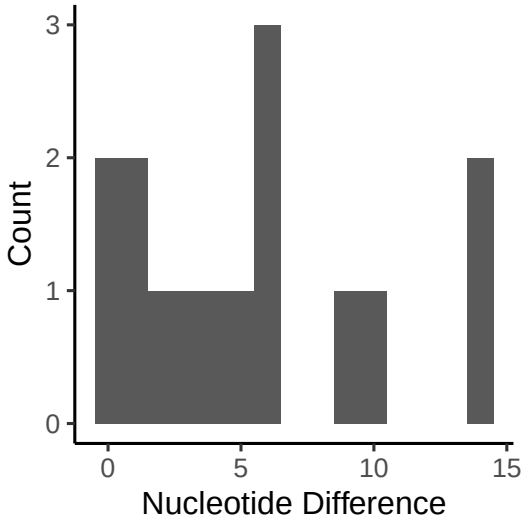
IGHV1−3*01

278 sequences assigned
15 (5.4%) exact matches, in which:
13 unique CDR3
5 unique J



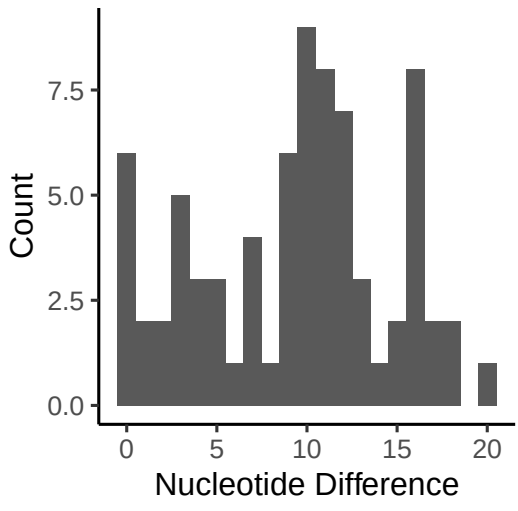
IGHV1−24*01

27 sequences assigned
2 (7.4%) exact matches, in which:
2 unique CDR3
2 unique J



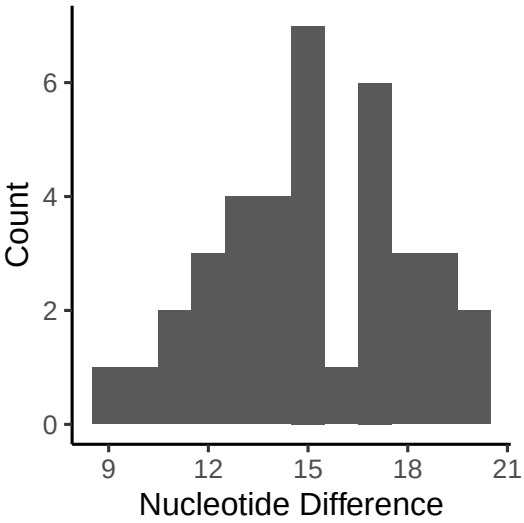
IGHV1−46*04

106 sequences assigned
6 (5.7%) exact matches, in which:
4 unique CDR3
3 unique J



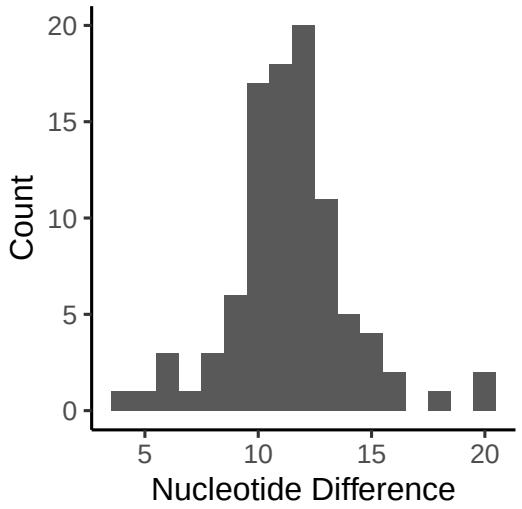
IGHV1−58*01

50 sequences assigned
No exact matches.



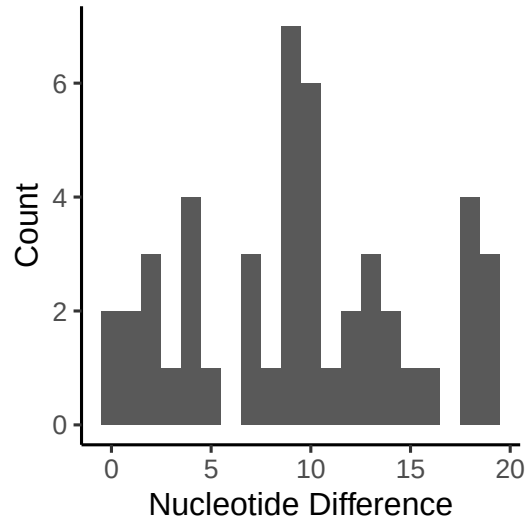
IGHV1−69*04

132 sequences assigned
No exact matches.



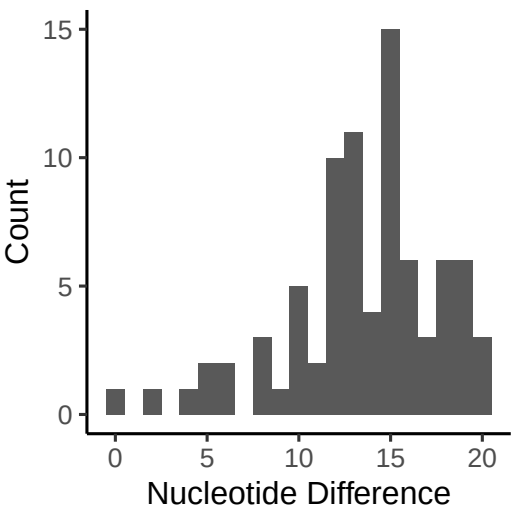
IGHV2−26*01

57 sequences assigned
2 (3.5%) exact matches, in which:
2 unique CDR3
1 unique J



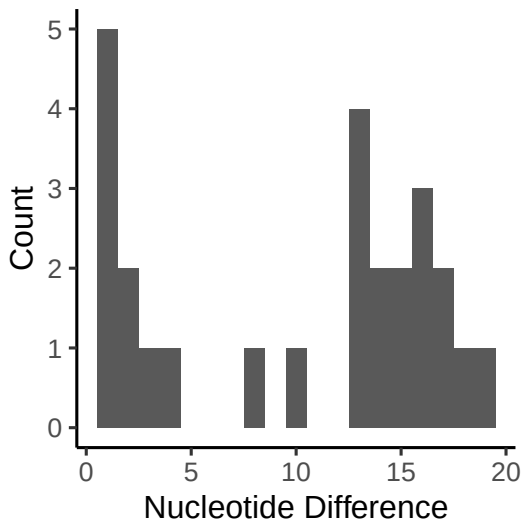
IGHV1−58*02

108 sequences assigned
1 (0.9%) exact matches, in which:
1 unique CDR3
1 unique J



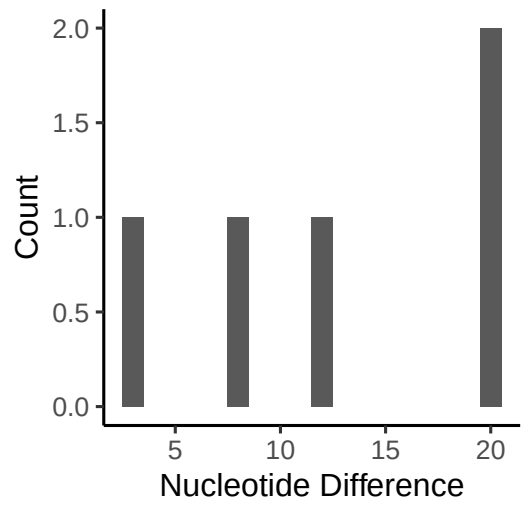
IGHV1−69*08

41 sequences assigned
No exact matches.



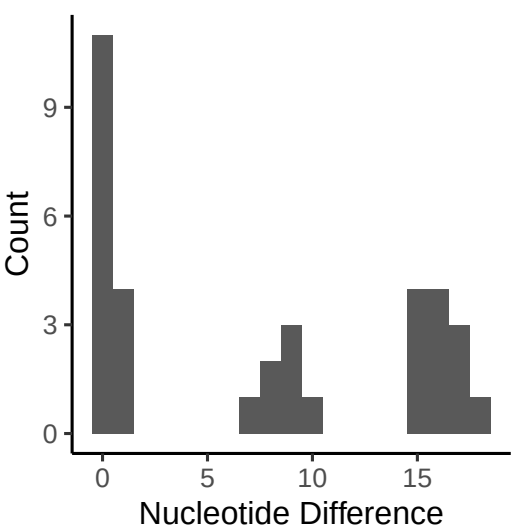
IGHV2−70*04

6 sequences assigned
No exact matches.



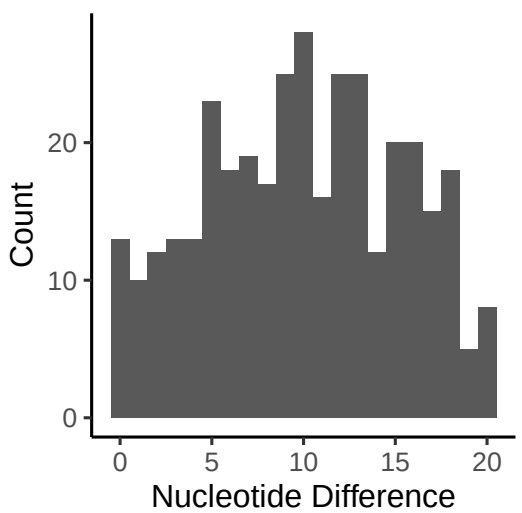
IGHV1−69*02

56 sequences assigned
11 (19.6%) exact matches, in which:
10 unique CDR3
4 unique J



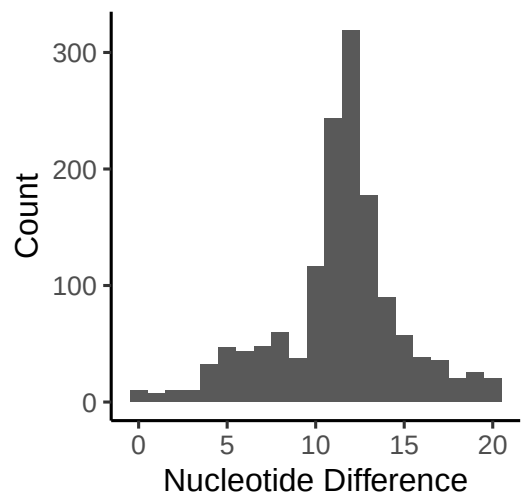
IGHV2−5*02

380 sequences assigned
13 (3.4%) exact matches, in which:
12 unique CDR3
3 unique J



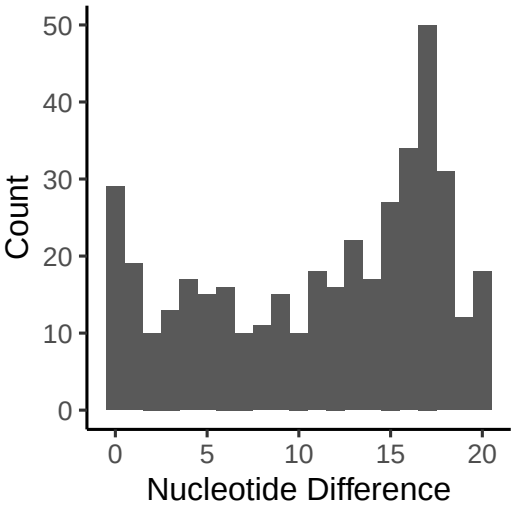
IGHV3−7*01

1570 sequences assigned
10 (0.6%) exact matches, in which:
8 unique CDR3
5 unique J



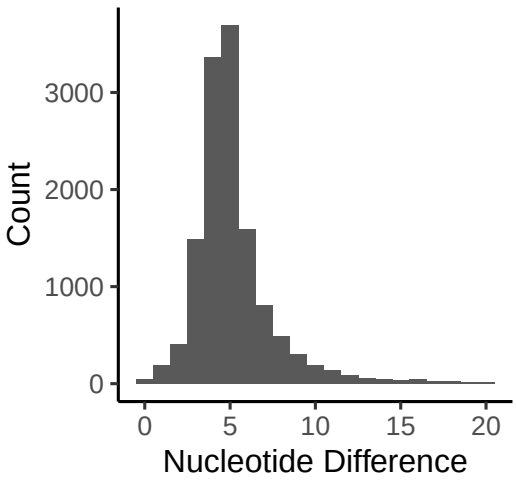
IGHV3−9*01

638 sequences assigned
29 (4.5%) exact matches, in which:
27 unique CDR3
4 unique J



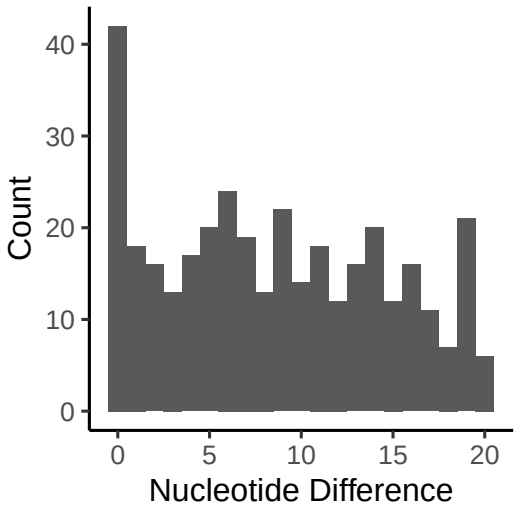
IGHV3−15*01

13594 sequences assigned
50 (0.4%) exact matches, in which:
19 unique CDR3
5 unique J



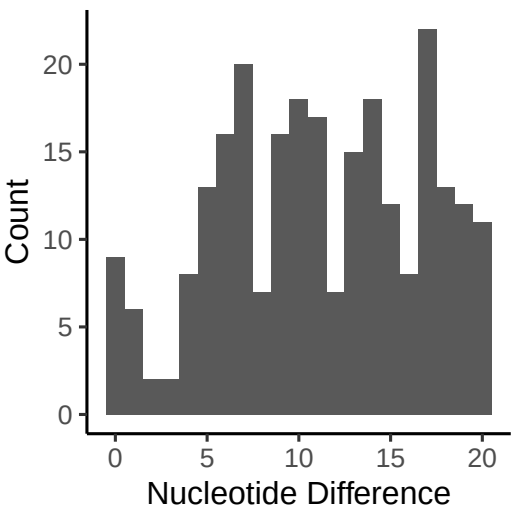
IGHV3−21*01

670 sequences assigned
42 (6.3%) exact matches, in which:
35 unique CDR3
5 unique J



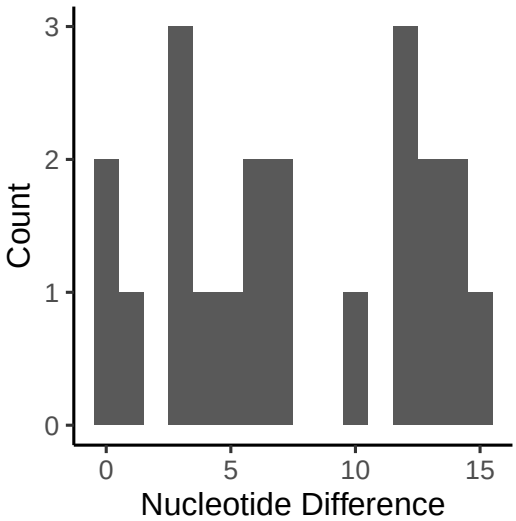
IGHV3−11*01

373 sequences assigned
9 (2.4%) exact matches, in which:
9 unique CDR3
3 unique J



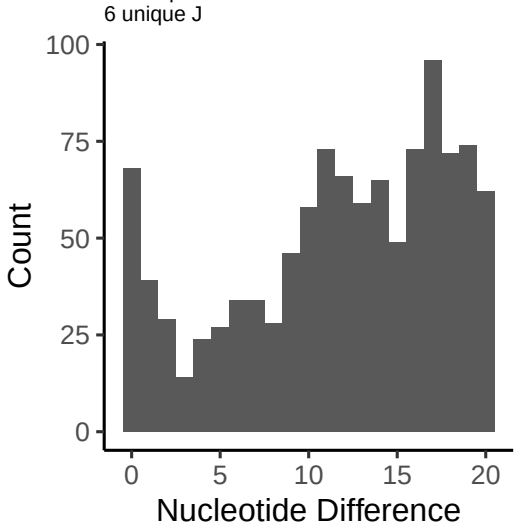
IGHV3−20*01

21 sequences assigned
2 (9.5%) exact matches, in which:
2 unique CDR3
2 unique J



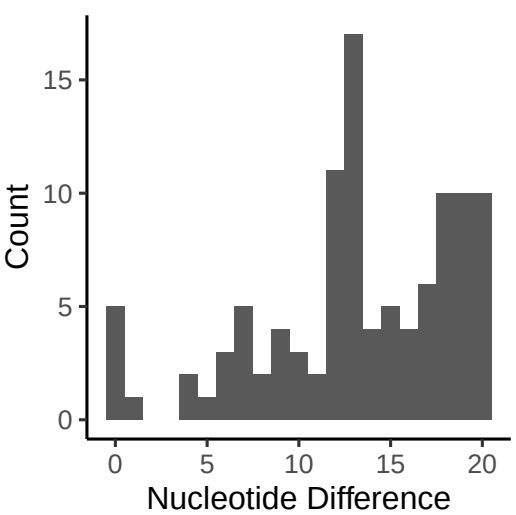
IGHV3−23*01

1522 sequences assigned
68 (4.5%) exact matches, in which:
48 unique CDR3
6 unique J



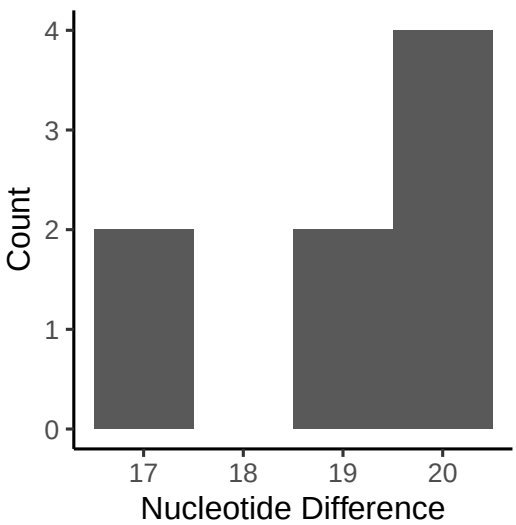
IGHV3−13*01

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



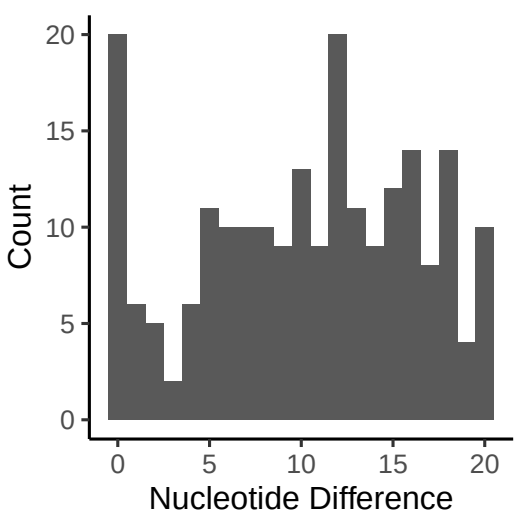
IGHV3−20*04

15 sequences assigned
No exact matches.



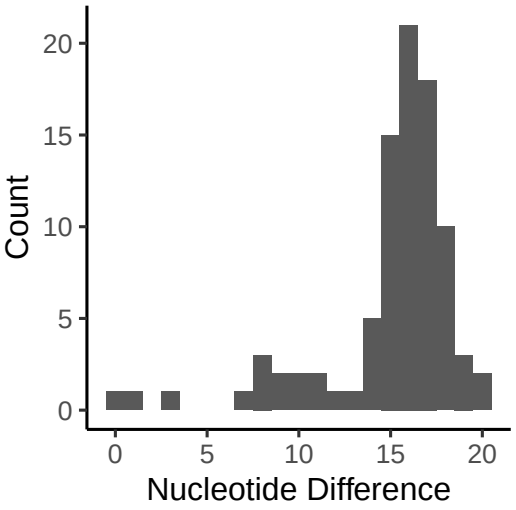
IGHV3−30−3*01

341 sequences assigned
20 (5.9%) exact matches, in which:
19 unique CDR3
5 unique J



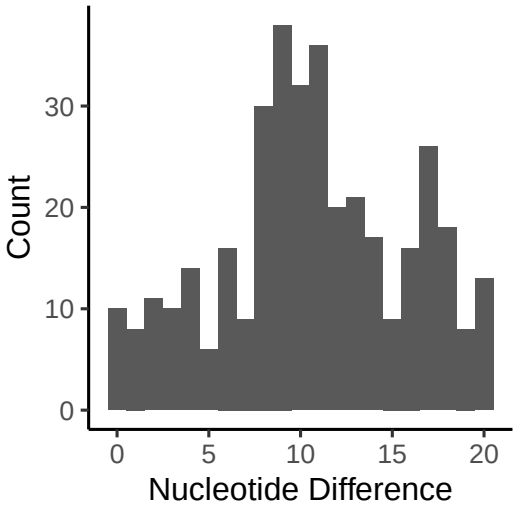
IGHV3−30*03

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



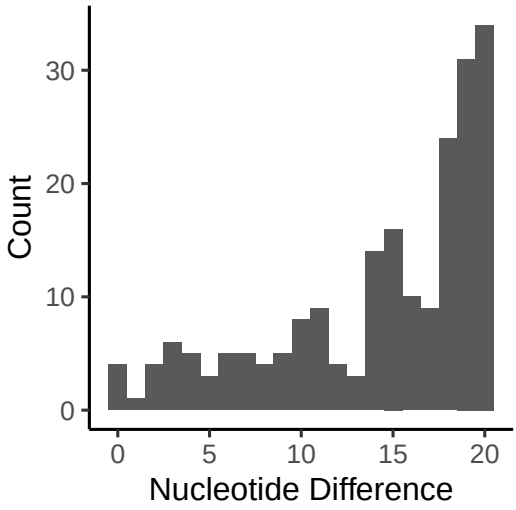
IGHV3−33*08

457 sequences assigned
10 (2.2%) exact matches, in which:
10 unique CDR3
3 unique J



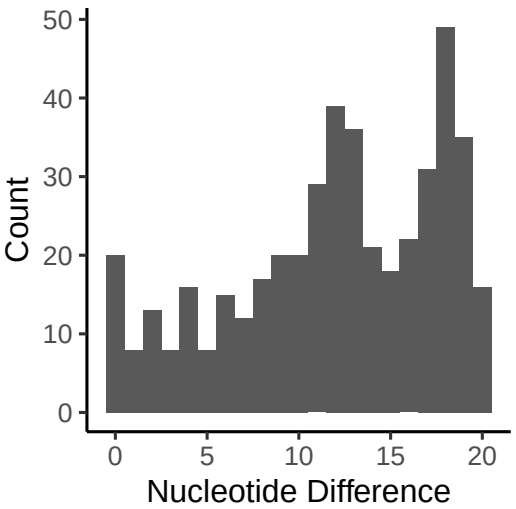
IGHV3−48*01

853 sequences assigned
4 (0.5%) exact matches, in which:
3 unique CDR3
1 unique J



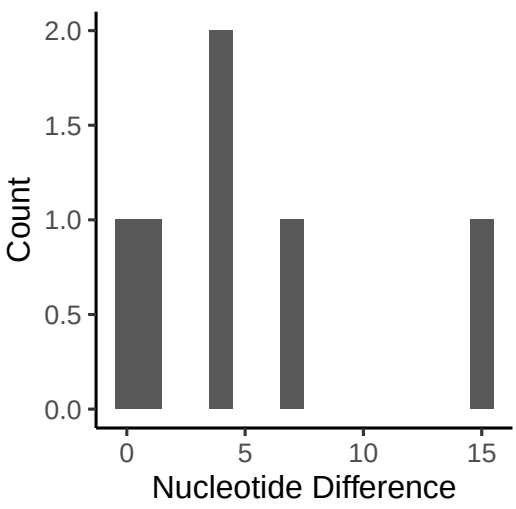
IGHV3−30*18

643 sequences assigned
20 (3.1%) exact matches, in which:
19 unique CDR3
4 unique J



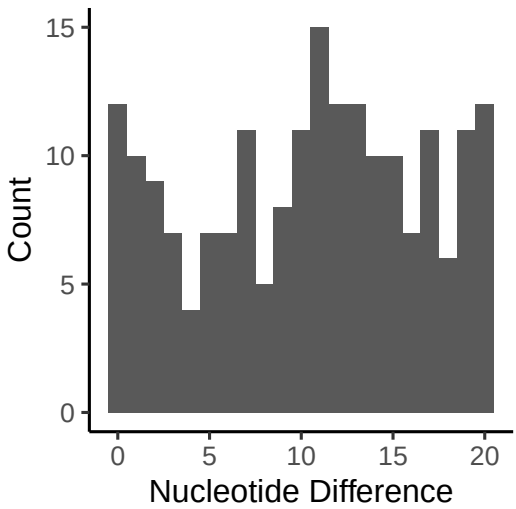
IGHV3−43*01

12 sequences assigned
1 (8.3%) exact matches, in which:
1 unique CDR3
1 unique J



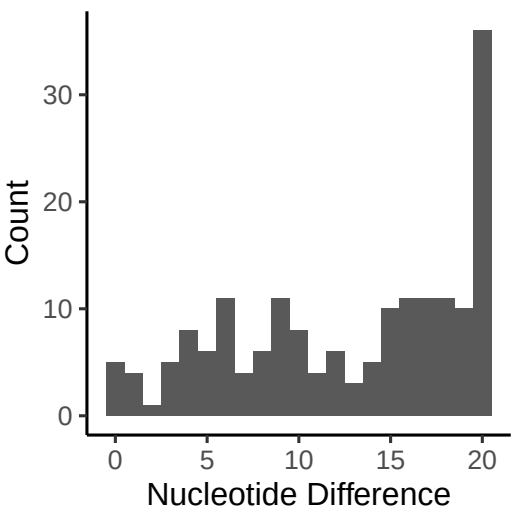
IGHV3−48*03

265 sequences assigned
12 (4.5%) exact matches, in which:
12 unique CDR3
4 unique J



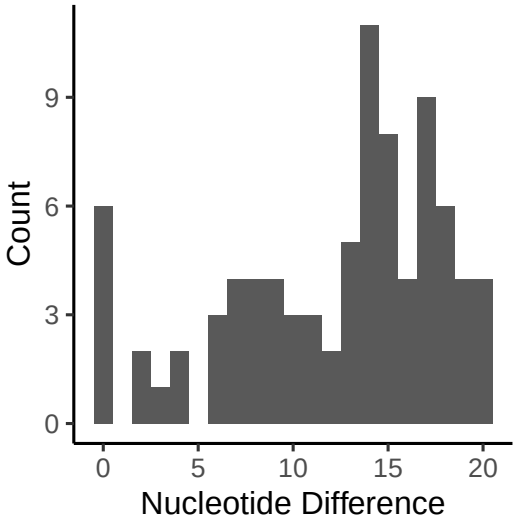
IGHV3−33*01

590 sequences assigned
5 (0.8%) exact matches, in which:
5 unique CDR3
3 unique J



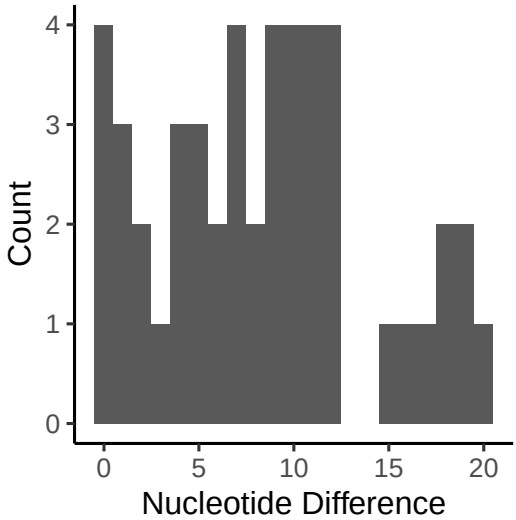
IGHV3−43*02

169 sequences assigned
6 (3.6%) exact matches, in which:
4 unique CDR3
2 unique J



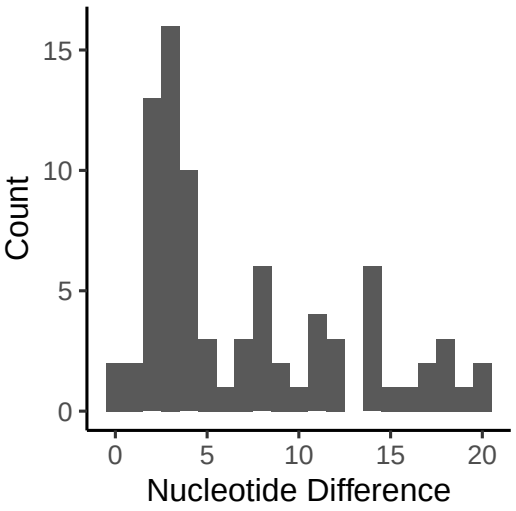
IGHV3−49*03

55 sequences assigned
4 (7.3%) exact matches, in which:
4 unique CDR3
2 unique J



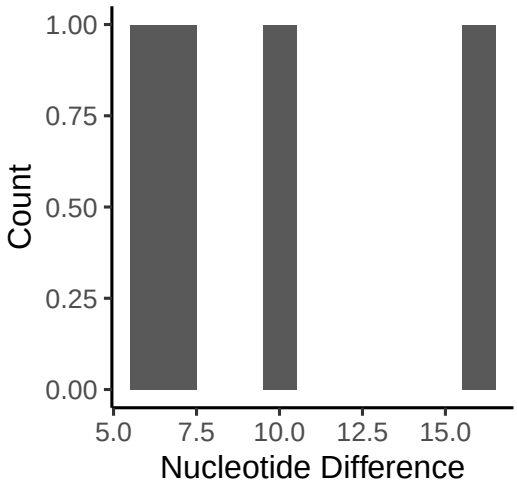
IGHV3−49*04

150 sequences assigned
2 (1.3%) exact matches, in which:
2 unique CDR3
2 unique J



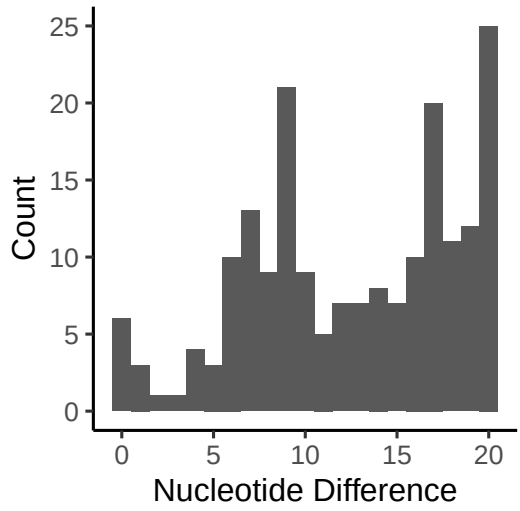
IGHV3−53*05

5 sequences assigned
No exact matches.



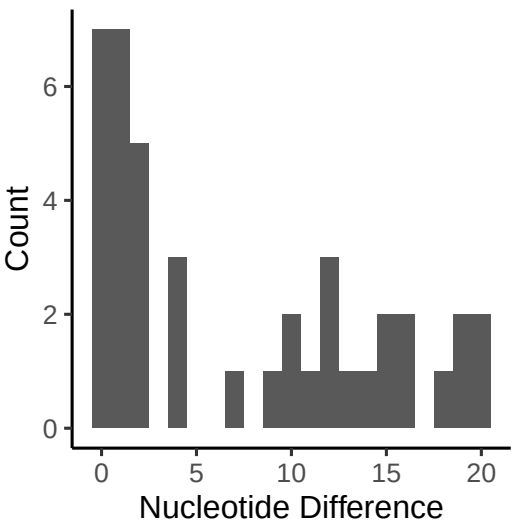
IGHV3−66*02

235 sequences assigned
6 (2.6%) exact matches, in which:
6 unique CDR3
4 unique J



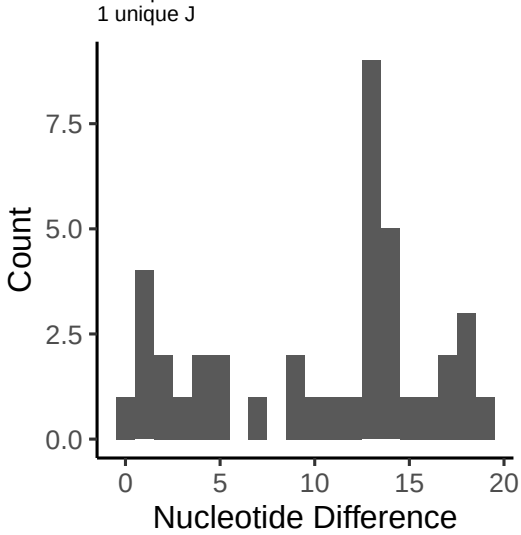
IGHV3−53*02

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



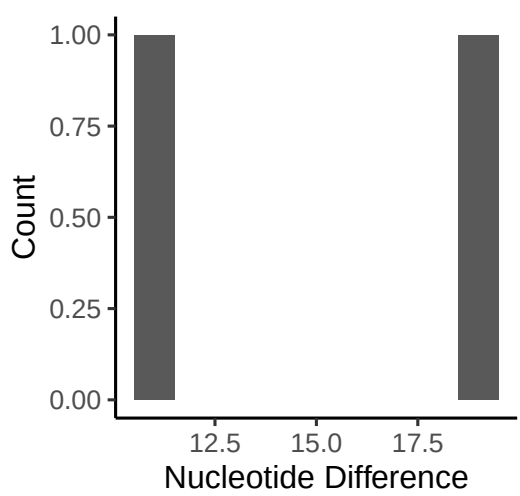
IGHV3−64*01

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



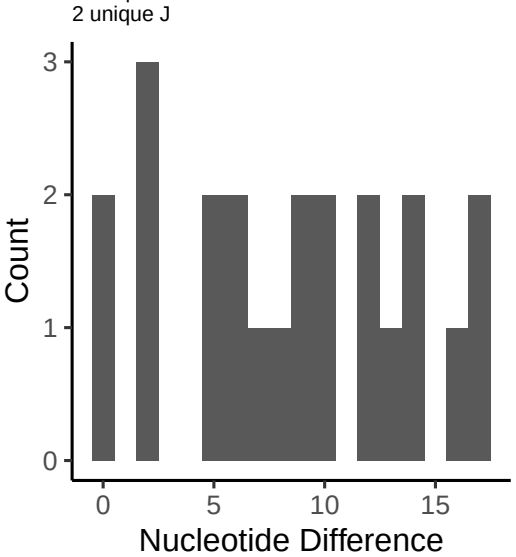
IGHV3−69−1*01

2 sequences assigned
No exact matches.



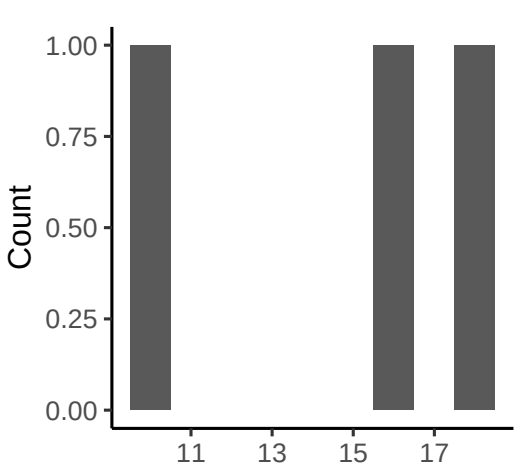
IGHV3−53*04

29 sequences assigned
2 (6.9%) exact matches, in which:
2 unique CDR3
2 unique J



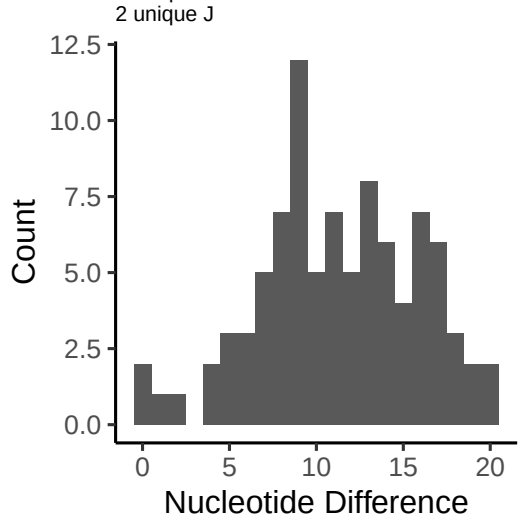
IGHV3−64*07

4 sequences assigned
No exact matches.



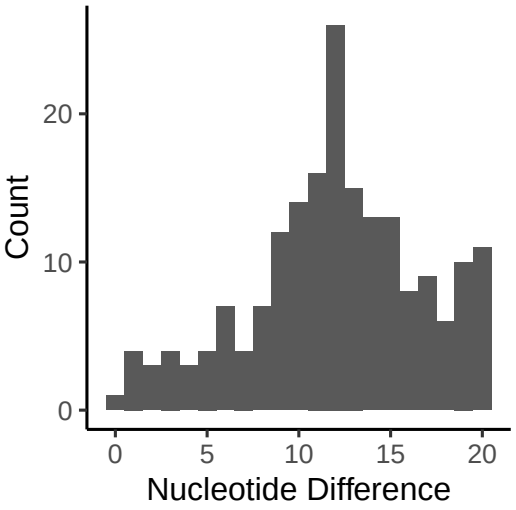
IGHV3−72*01

107 sequences assigned
2 (1.9%) exact matches, in which:
2 unique CDR3
2 unique J



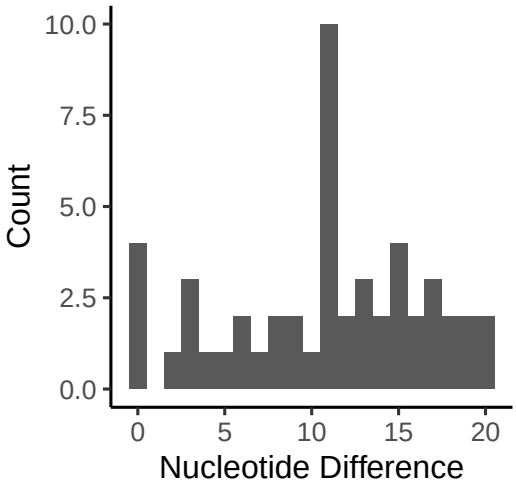
IGHV3−73*01

262 sequences assigned
1 (0.4%) exact matches, in which:
1 unique CDR3
1 unique J



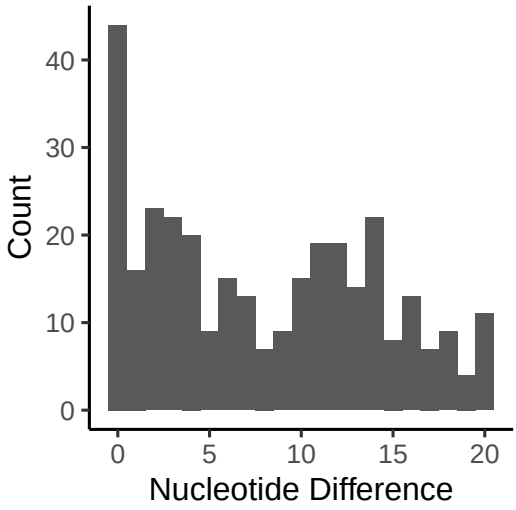
IGHV4−30−4*01

115 sequences assigned
4 (3.5%) exact matches, in which:
4 unique CDR3
2 unique J



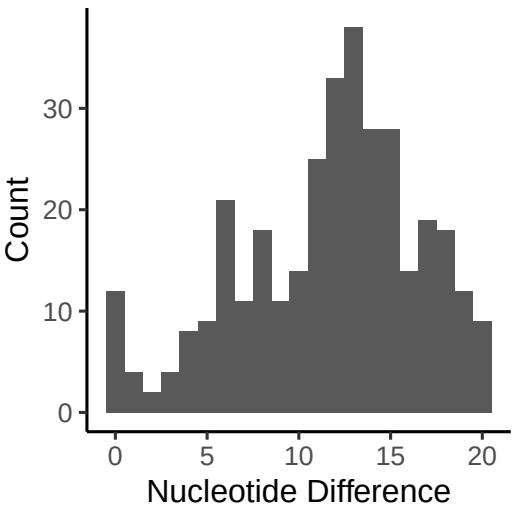
IGHV4−34*01

392 sequences assigned
44 (11.2%) exact matches, in which:
40 unique CDR3
5 unique J



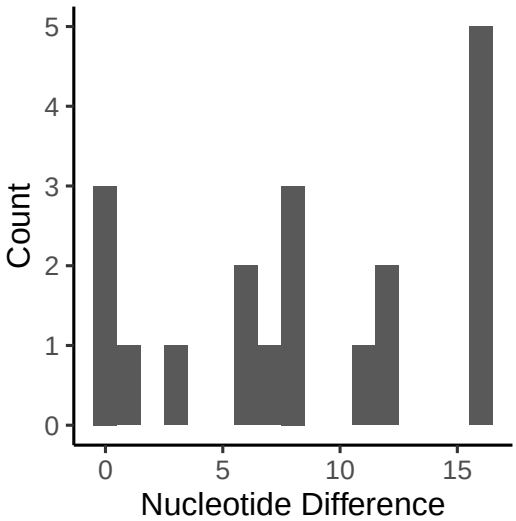
IGHV3−74*01

528 sequences assigned
12 (2.3%) exact matches, in which:
11 unique CDR3
4 unique J



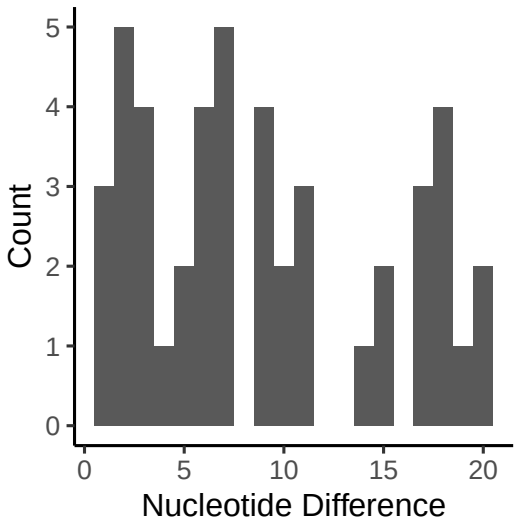
IGHV4−30−2*01

28 sequences assigned
3 (10.7%) exact matches, in which:
3 unique CDR3
3 unique J



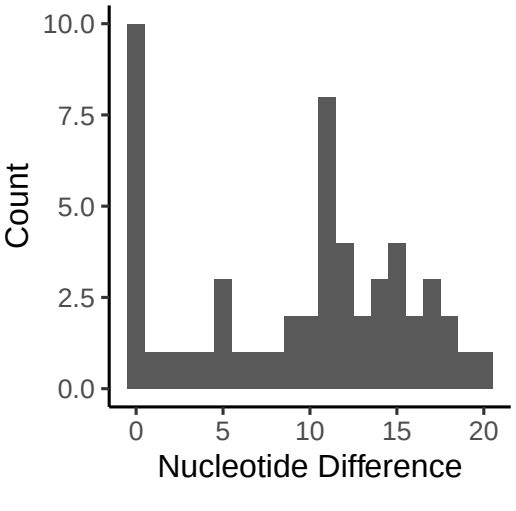
IGHV4−34*02

154 sequences assigned
No exact matches.



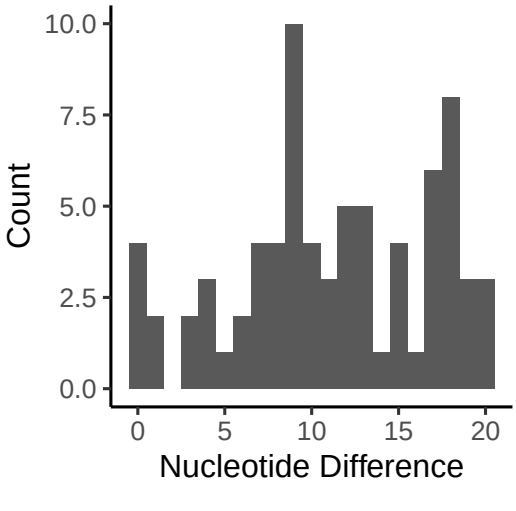
IGHV4−4*02

127 sequences assigned
10 (7.9%) exact matches, in which:
9 unique CDR3
3 unique J



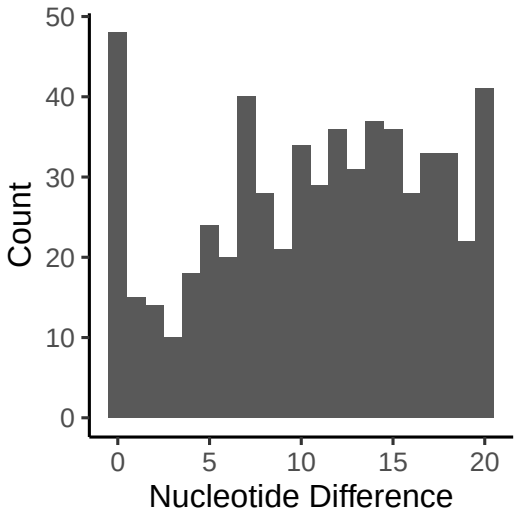
IGHV4−31*03

129 sequences assigned
4 (3.1%) exact matches, in which:
4 unique CDR3
3 unique J



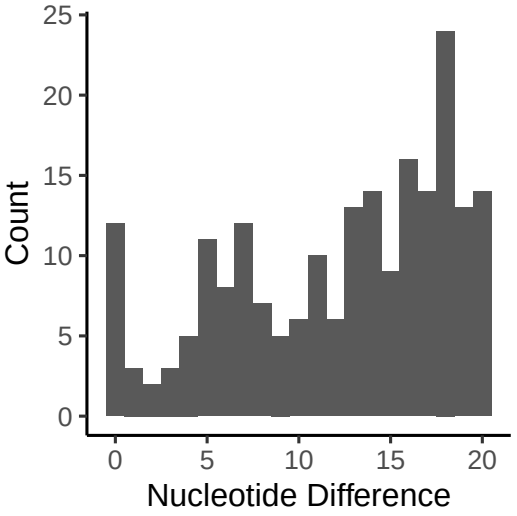
IGHV4−39*01

913 sequences assigned
48 (5.3%) exact matches, in which:
43 unique CDR3
6 unique J



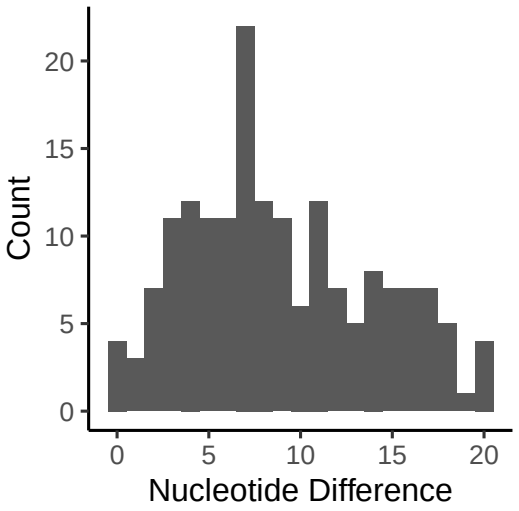
IGHV4−59*01

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



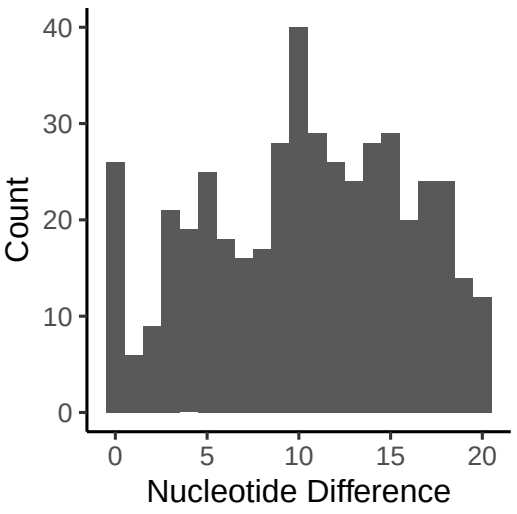
IGHV6−1*01

181 sequences assigned
4 (2.2%) exact matches, in which:
4 unique CDR3
1 unique J



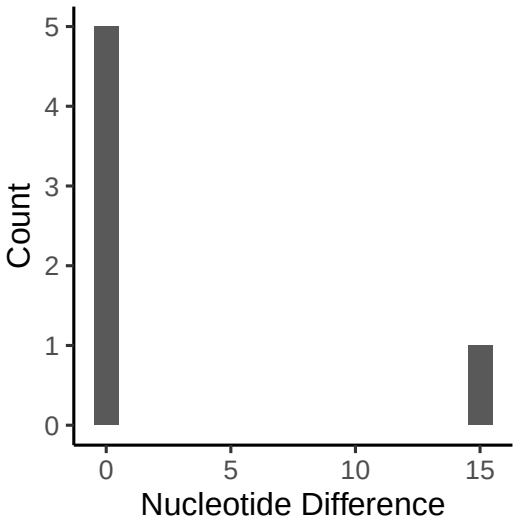
IGHV4−61*02

768 sequences assigned
26 (3.4%) exact matches, in which:
24 unique CDR3
6 unique J



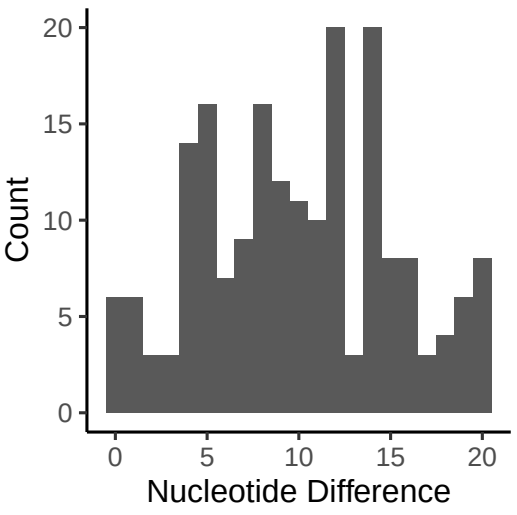
IGHV3/OR16−6*02

6 sequences assigned
5 (83.3%) exact matches, in which:
1 unique CDR3
1 unique J



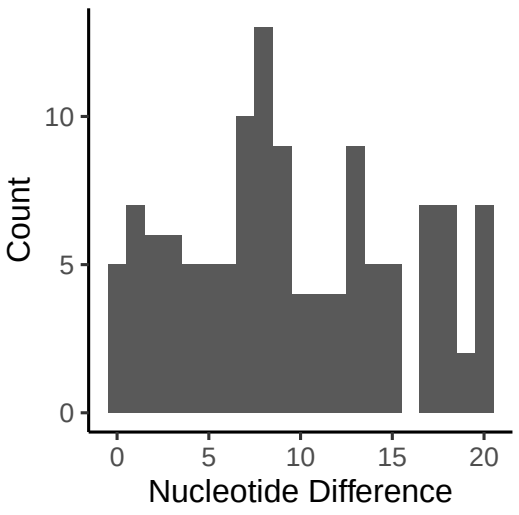
IGHV5−51*01

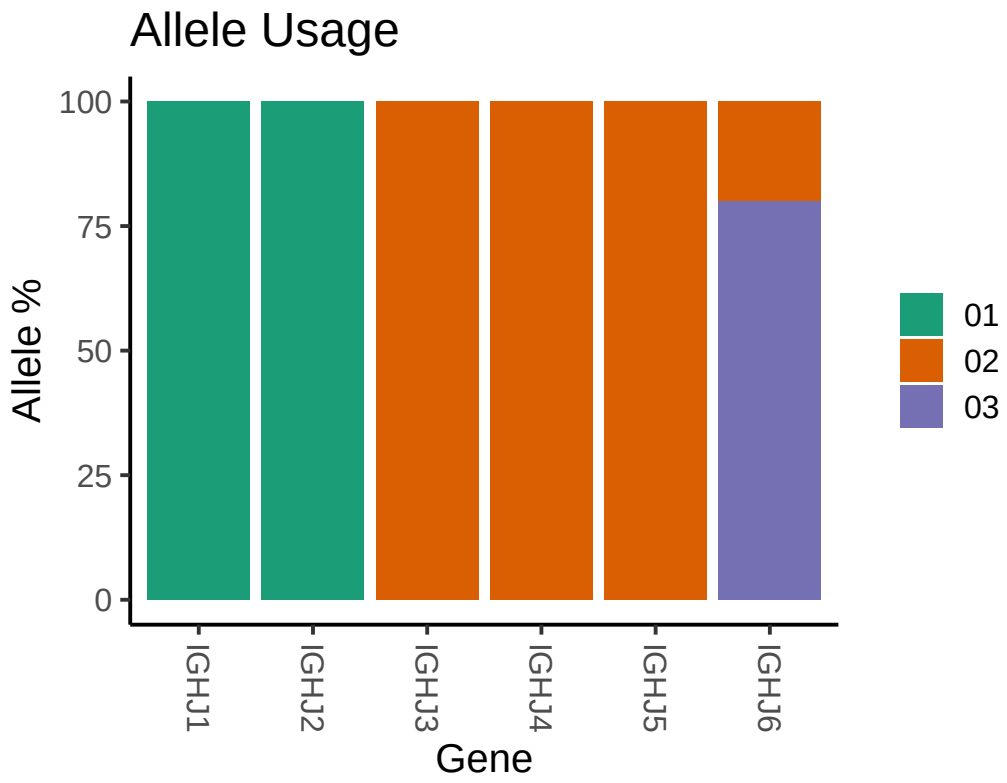
286 sequences assigned
6 (2.1%) exact matches, in which:
5 unique CDR3
3 unique J



IGHV7−4−1*02

151 sequences assigned
5 (3.3%) exact matches, in which:
5 unique CDR3
3 unique J




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

Warning − no inferred sequences found.