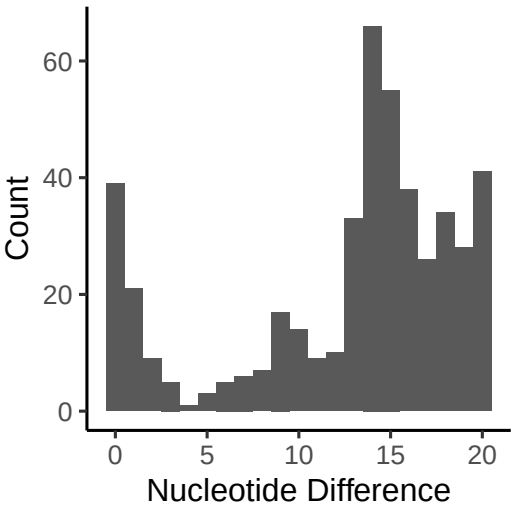
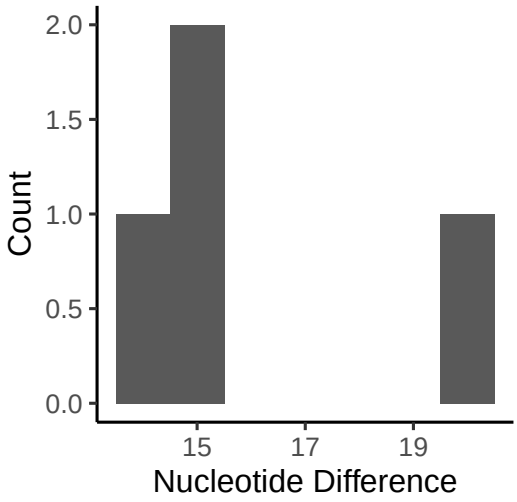
IGHV1−2*02

754 sequences assigned
39 (5.2%) exact matches, in which:
37 unique CDR3
6 unique J



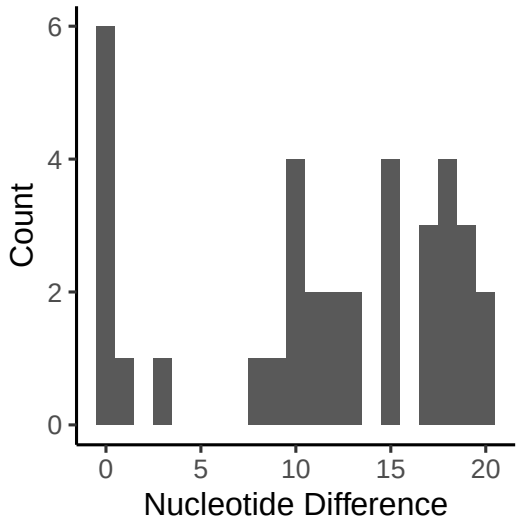
IGHV1−3*04

43 sequences assigned
No exact matches.



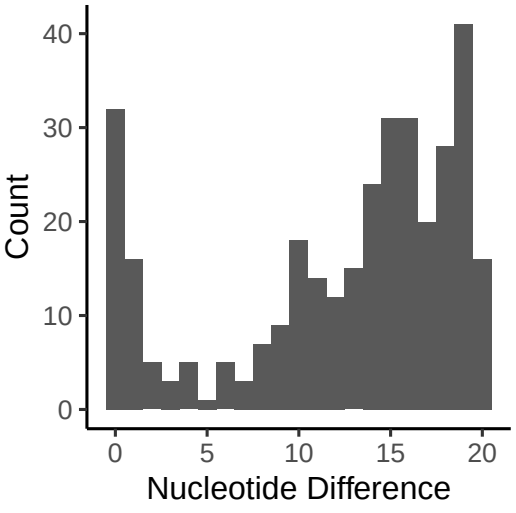
IGHV1−24*01

52 sequences assigned
6 (11.5%) exact matches, in which:
6 unique CDR3
2 unique J



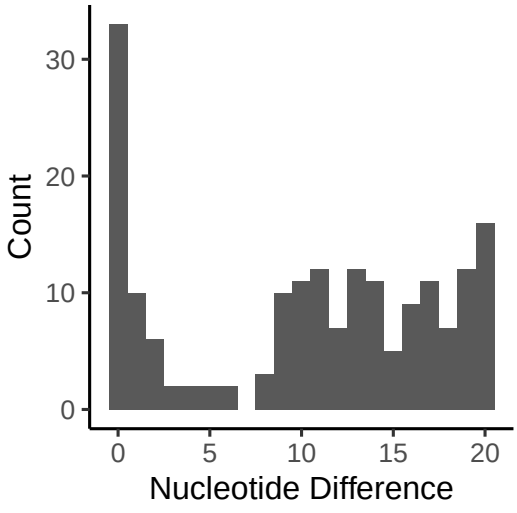
IGHV1−2*06

818 sequences assigned
32 (3.9%) exact matches, in which:
32 unique CDR3
5 unique J



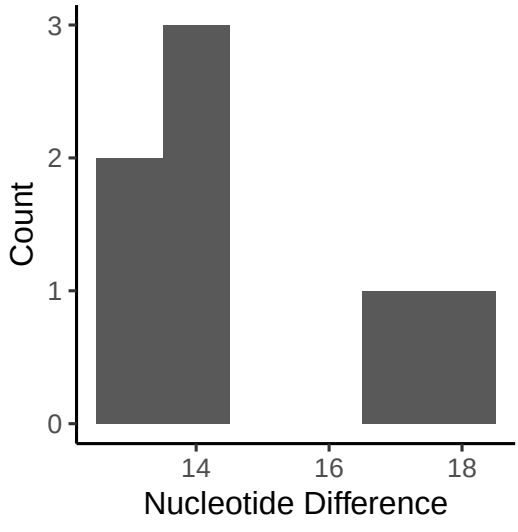
IGHV1−8*01

668 sequences assigned
33 (4.9%) exact matches, in which:
33 unique CDR3
7 unique J



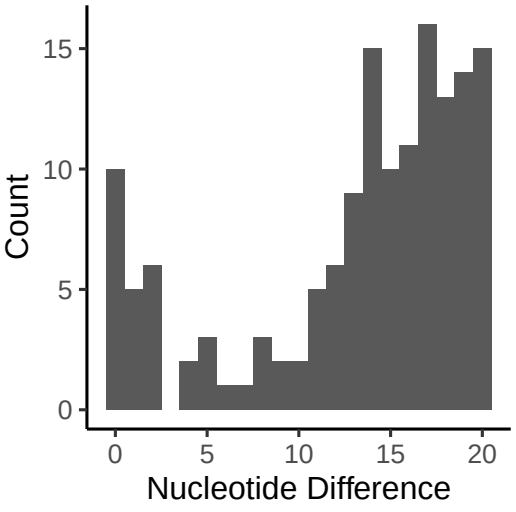
IGHV1−45*02

29 sequences assigned
No exact matches.



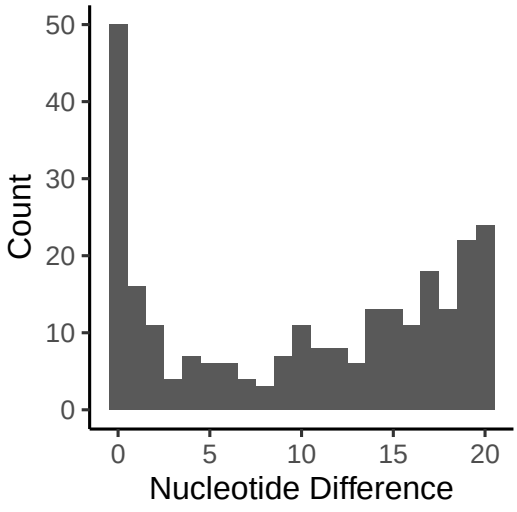
IGHV1−3*01

341 sequences assigned
10 (2.9%) exact matches, in which:
9 unique CDR3
3 unique J



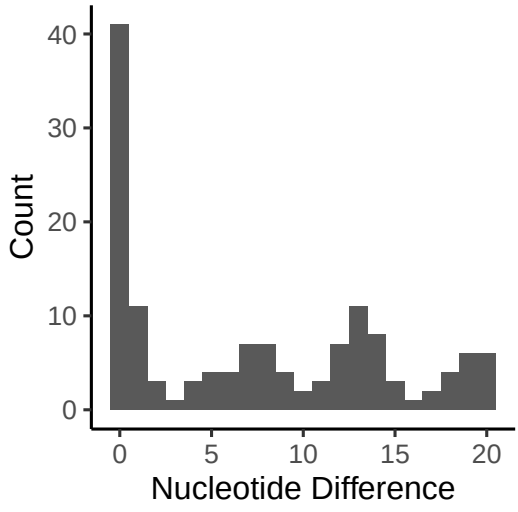
IGHV1−18*01

759 sequences assigned
50 (6.6%) exact matches, in which:
49 unique CDR3
6 unique J



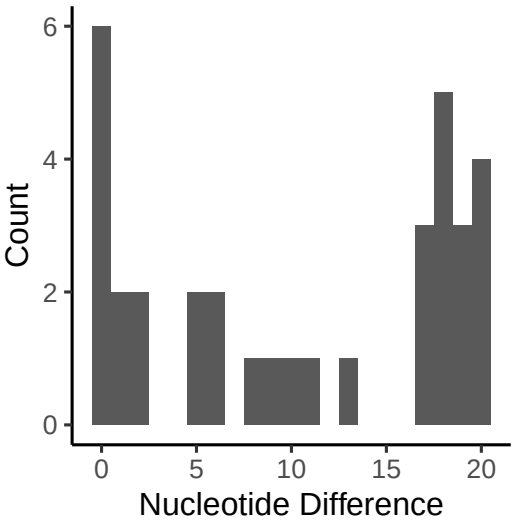
IGHV1−46*01

475 sequences assigned
41 (8.6%) exact matches, in which:
41 unique CDR3
5 unique J



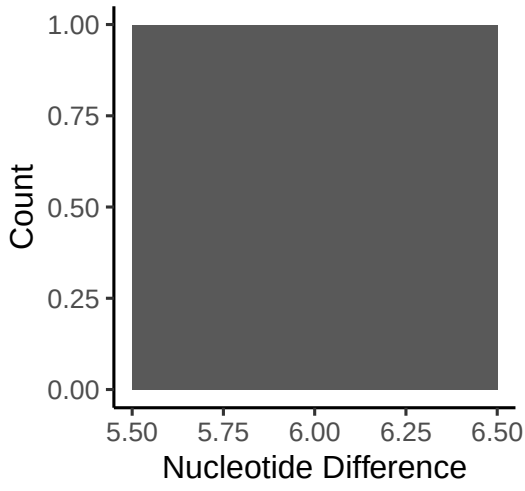
IGHV1−58*01

82 sequences assigned
6 (7.3%) exact matches, in which:
6 unique CDR3
4 unique J



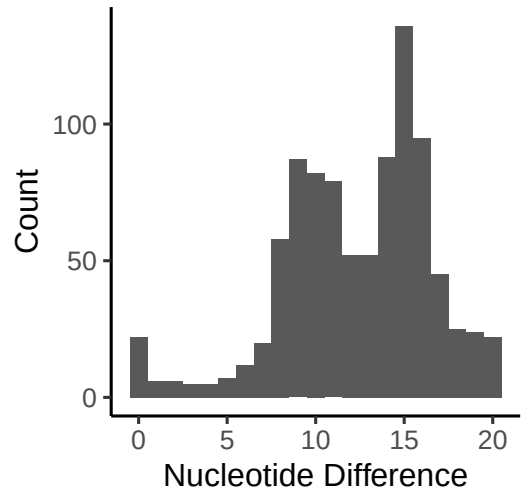
IGHV1−NL1*01

1 sequences assigned
No exact matches.



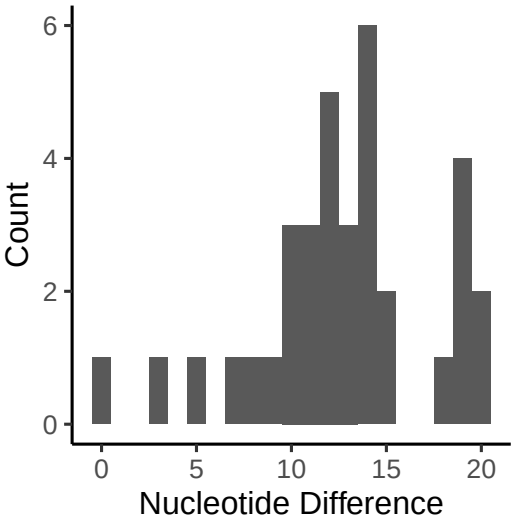
IGHV2−26*01

1037 sequences assigned
22 (2.1%) exact matches, in which:
22 unique CDR3
6 unique J



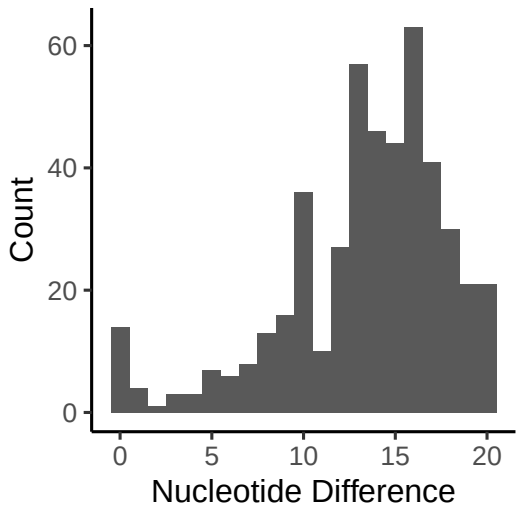
IGHV1−69−2*01

38 sequences assigned
1 (2.6%) exact matches, in which:
1 unique CDR3
1 unique J



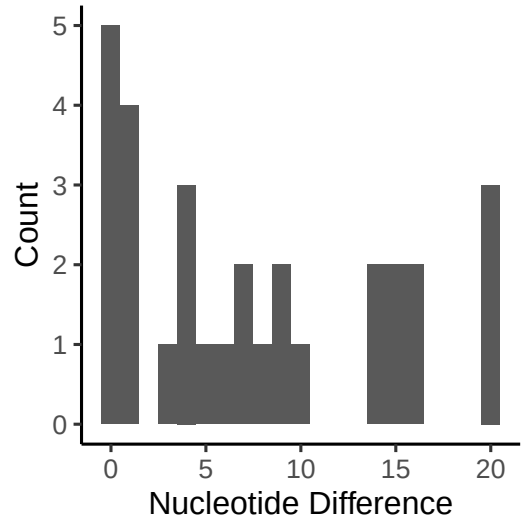
IGHV2−5*01

625 sequences assigned
14 (2.2%) exact matches, in which:
14 unique CDR3
3 unique J



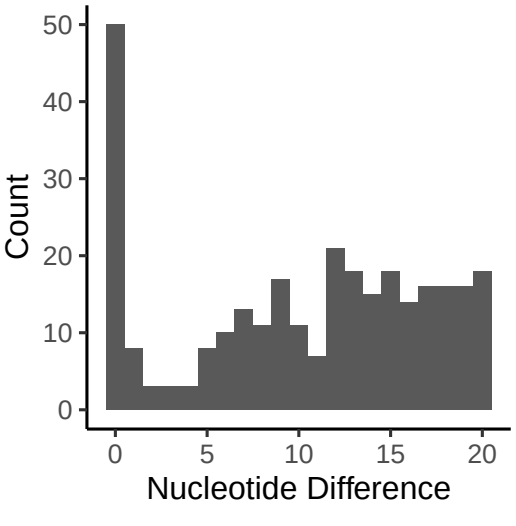
IGHV2−70*01

41 sequences assigned
5 (12.2%) exact matches, in which:
5 unique CDR3
2 unique J



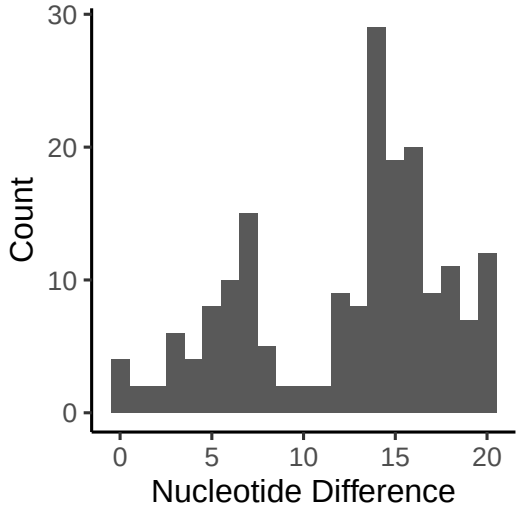
IGHV1−69*06

559 sequences assigned
50 (8.9%) exact matches, in which:
47 unique CDR3
5 unique J



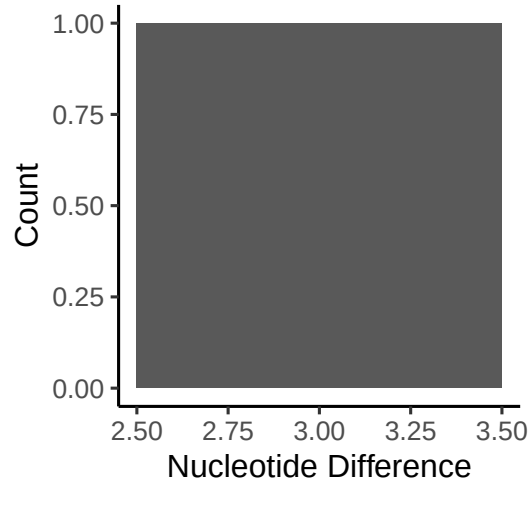
IGHV2−5*02

284 sequences assigned
4 (1.4%) exact matches, in which:
4 unique CDR3
2 unique J



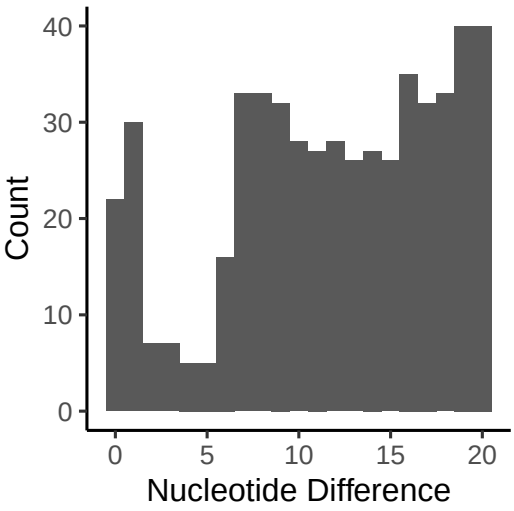
IGHV2−70*12

1 sequences assigned
No exact matches.



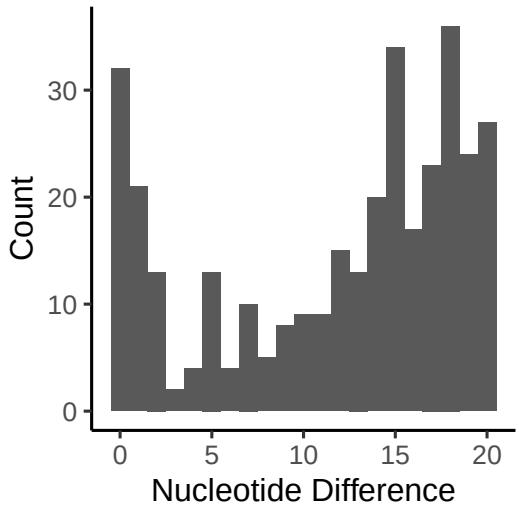
IGHV3−7*01

820 sequences assigned
22 (2.7%) exact matches, in which:
18 unique CDR3
4 unique J



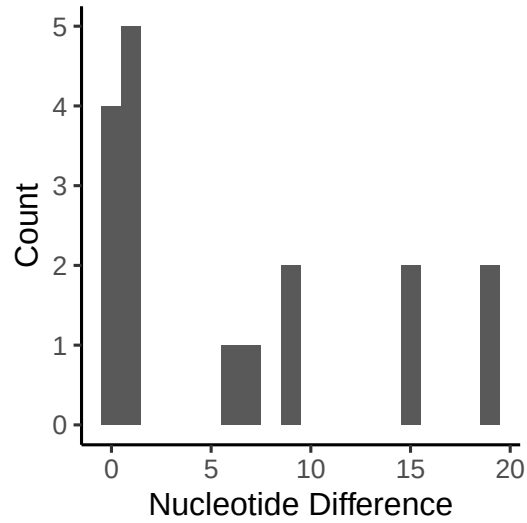
IGHV3−11*01

837 sequences assigned
32 (3.8%) exact matches, in which:
32 unique CDR3
6 unique J



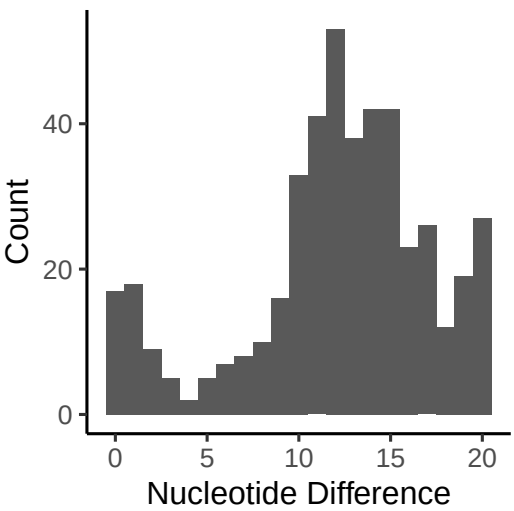
IGHV3−20*01

27 sequences assigned
4 (14.8%) exact matches, in which:
4 unique CDR3
3 unique J



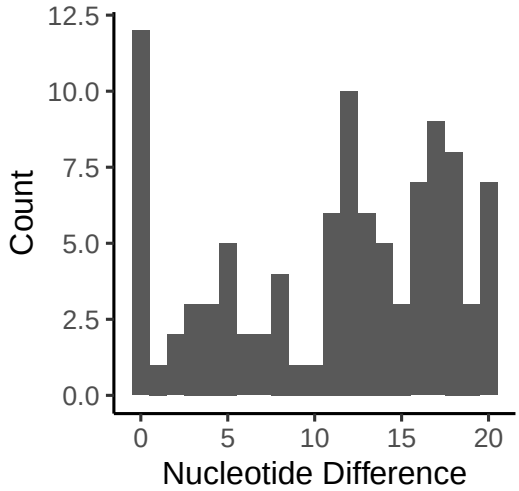
IGHV3−7*03

1060 sequences assigned
17 (1.6%) exact matches, in which:
17 unique CDR3
6 unique J



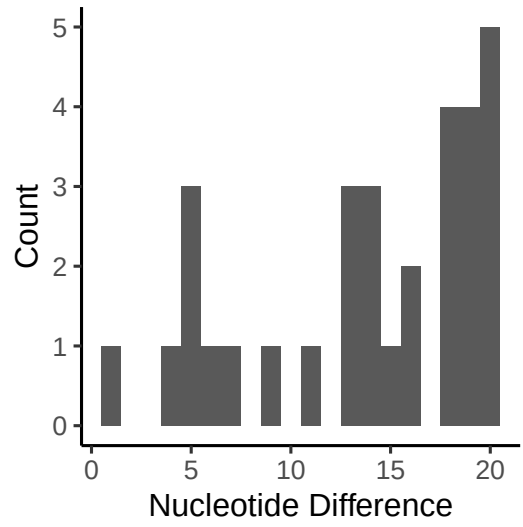
IGHV3−13*01

559 sequences assigned
12 (2.1%) exact matches, in which:
12 unique CDR3
6 unique J



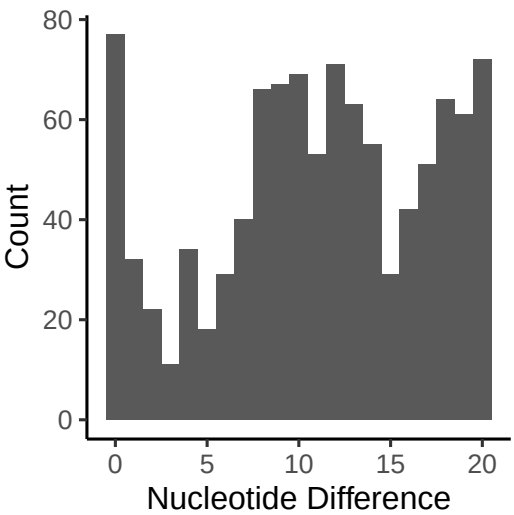
IGHV3−20*04

58 sequences assigned
No exact matches.



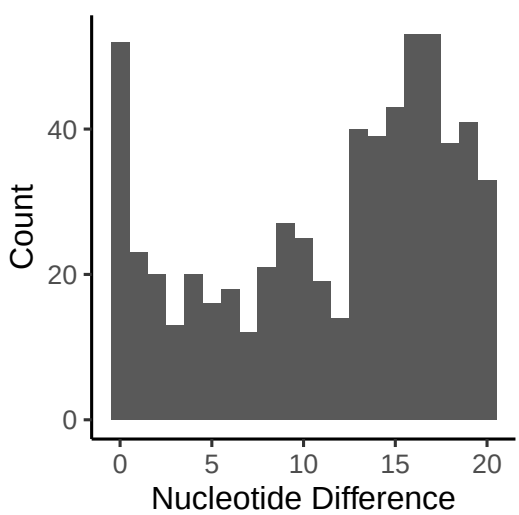
IGHV3−9*01

2881 sequences assigned
77 (2.7%) exact matches, in which:
73 unique CDR3
6 unique J



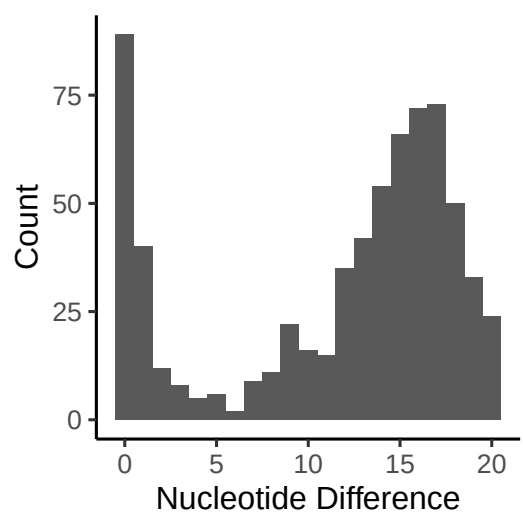
IGHV3−15*01

1304 sequences assigned
52 (4%) exact matches, in which:
48 unique CDR3
5 unique J



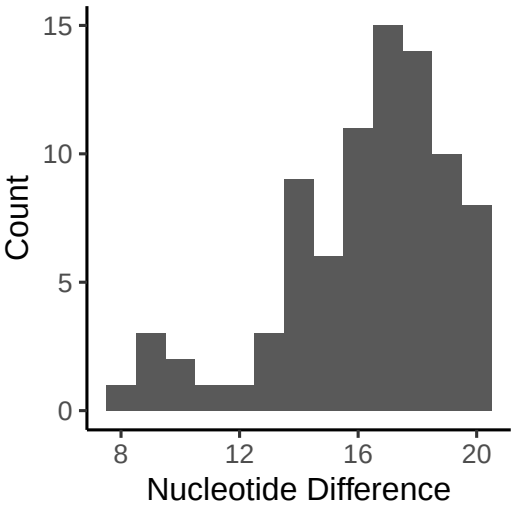
IGHV3−21*01

1241 sequences assigned
89 (7.2%) exact matches, in which:
89 unique CDR3
6 unique J



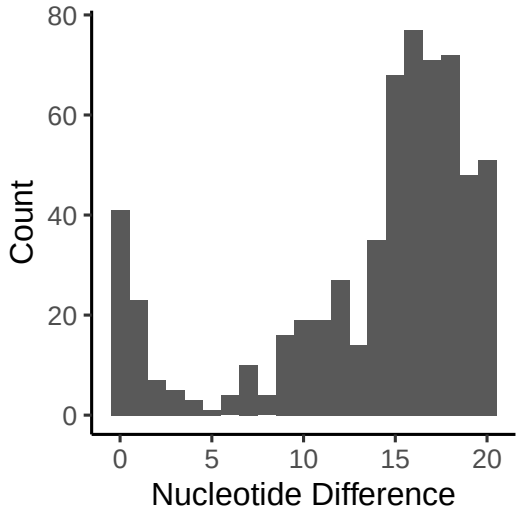
IGHV3−21*02

199 sequences assigned
No exact matches.



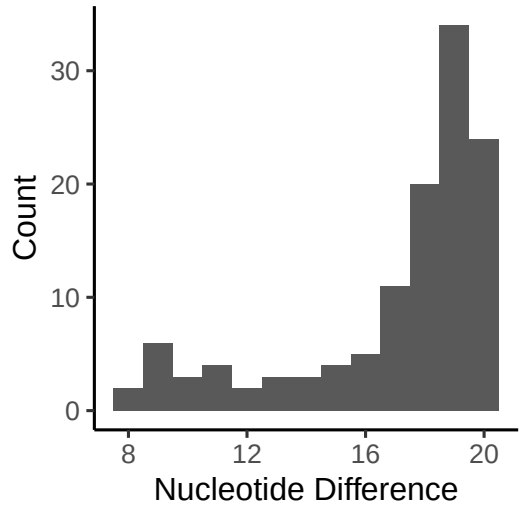
IGHV3−23*04

1209 sequences assigned
41 (3.4%) exact matches, in which:
41 unique CDR3
5 unique J



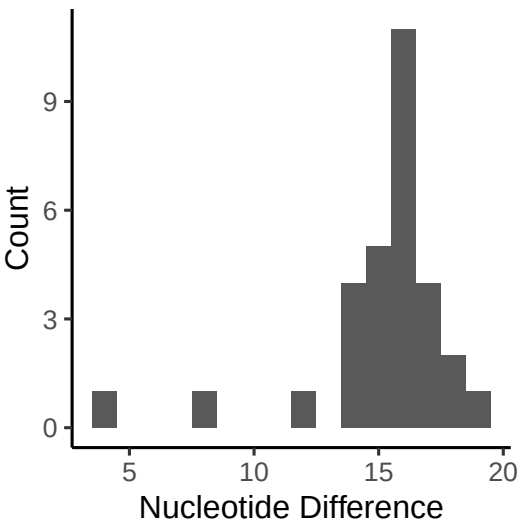
IGHV3−30*03

770 sequences assigned
No exact matches.



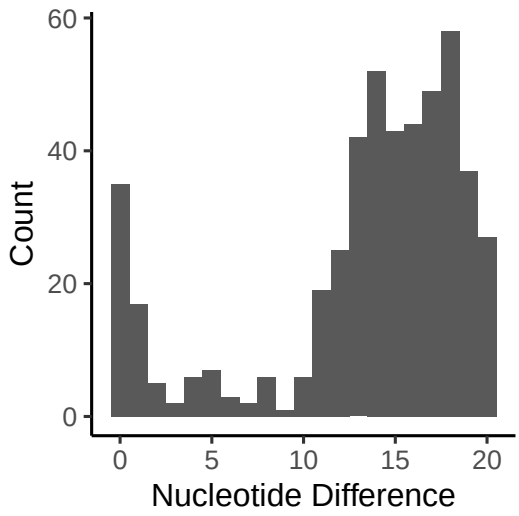
IGHV3−21*04

31 sequences assigned
No exact matches.



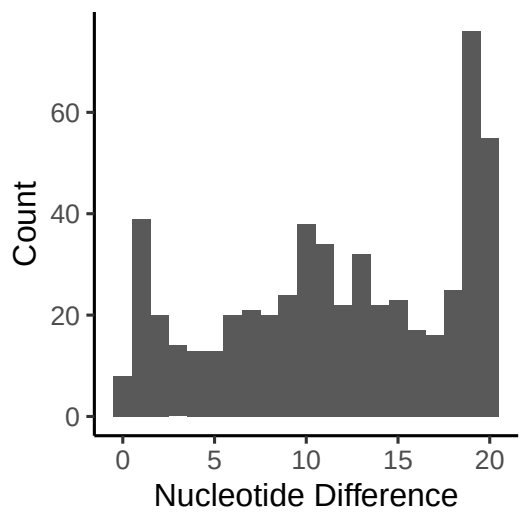
IGHV3−30−3*01

1062 sequences assigned
35 (3.3%) exact matches, in which:
35 unique CDR3
5 unique J



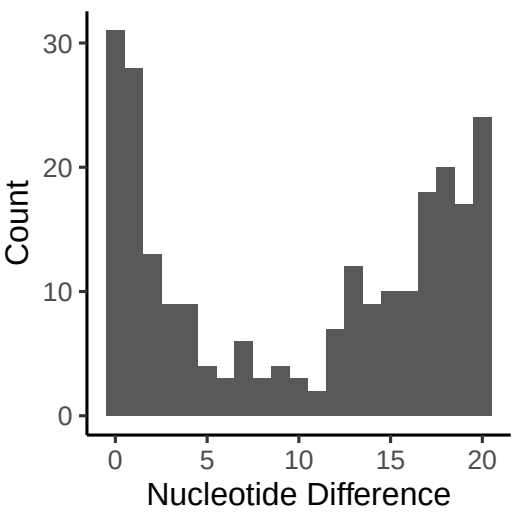
IGHV3−33*01

1301 sequences assigned
8 (0.6%) exact matches, in which:
8 unique CDR3
4 unique J



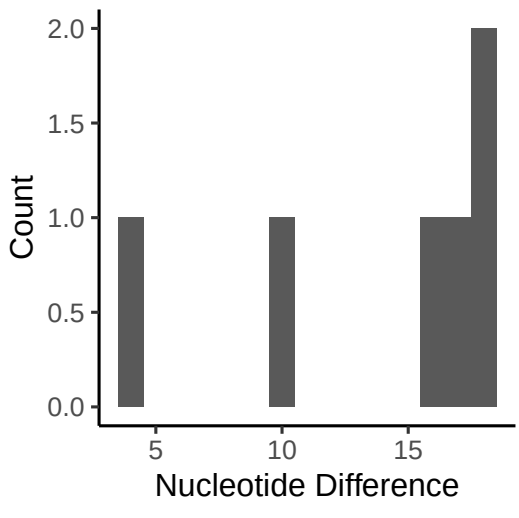
IGHV3−23*03

421 sequences assigned
31 (7.4%) exact matches, in which:
26 unique CDR3
6 unique J



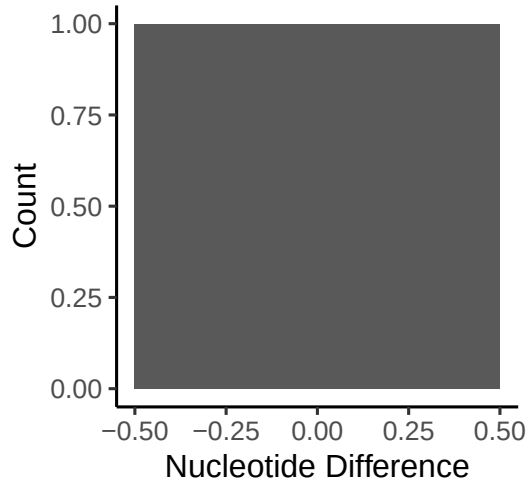
IGHV3−30−3*02

33 sequences assigned
No exact matches.



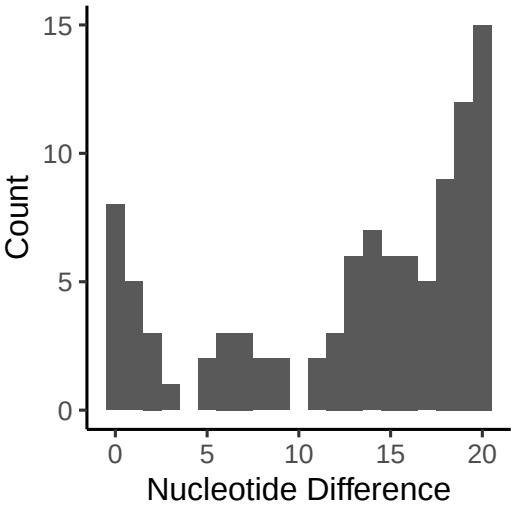
IGHV3−35*01

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



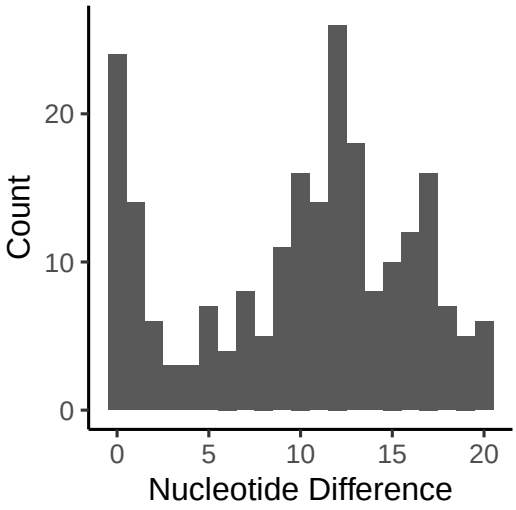
IGHV3−43*02

261 sequences assigned
8 (3.1%) exact matches, in which:
8 unique CDR3
3 unique J



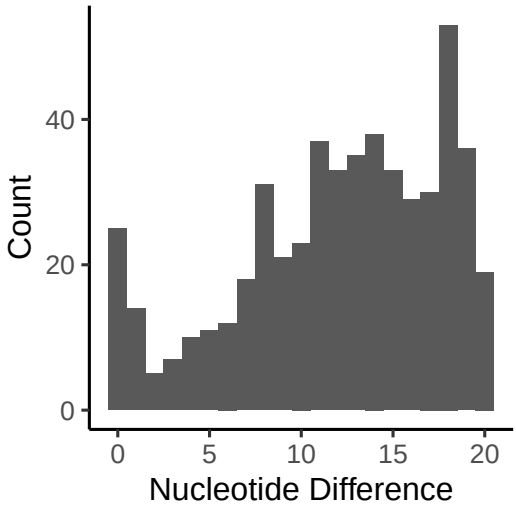
IGHV3−48*02

347 sequences assigned
24 (6.9%) exact matches, in which:
20 unique CDR3
5 unique J



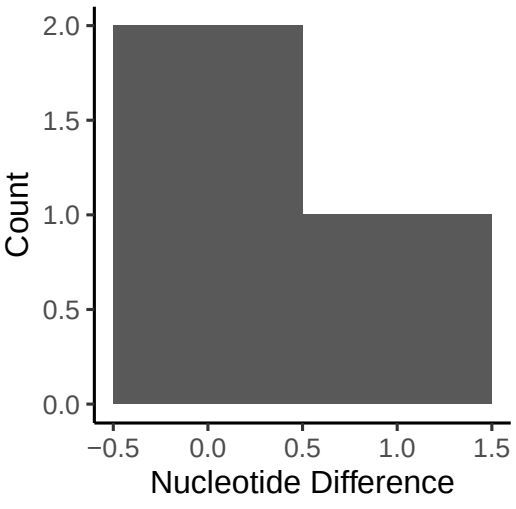
IGHV3−53*01

948 sequences assigned
25 (2.6%) exact matches, in which:
25 unique CDR3
6 unique J



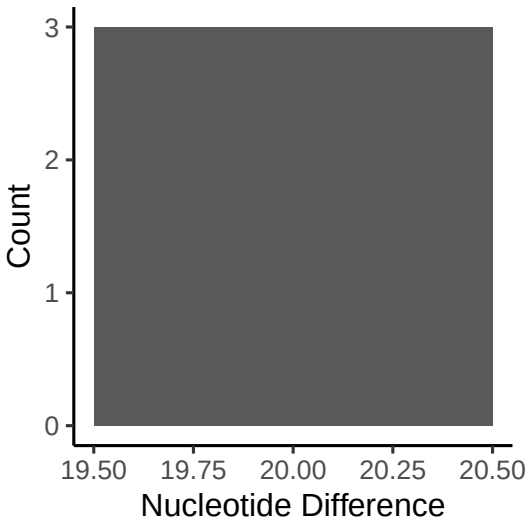
IGHV3−47*02

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



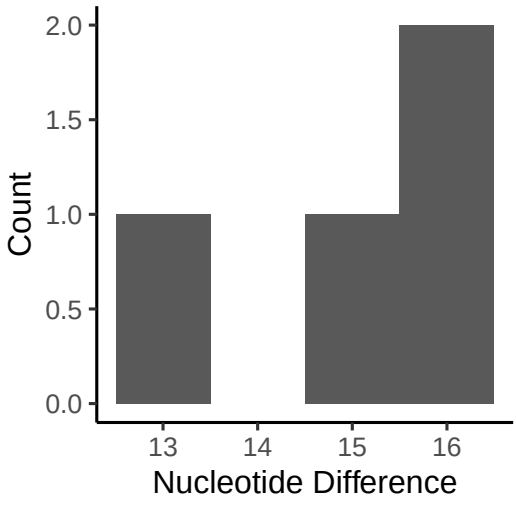
IGHV3−48*04

11 sequences assigned
No exact matches.



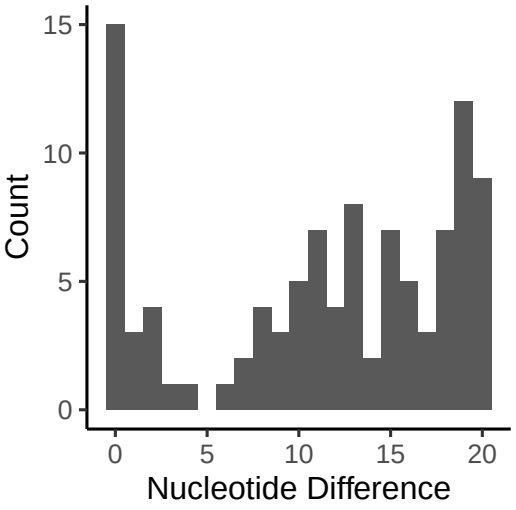
IGHV3−64*02

5 sequences assigned
No exact matches.



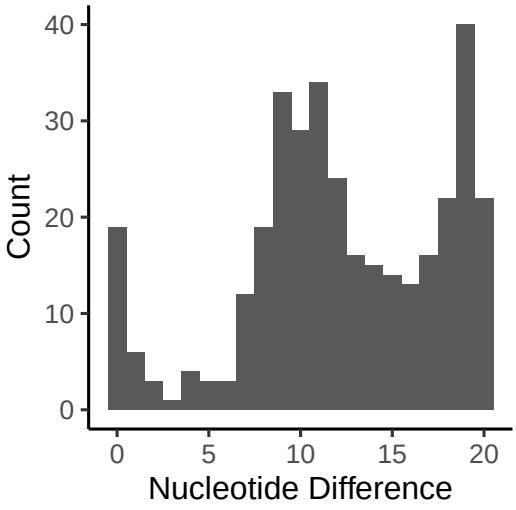
IGHV3−48*01

121 sequences assigned
15 (12.4%) exact matches, in which:
15 unique CDR3
5 unique J



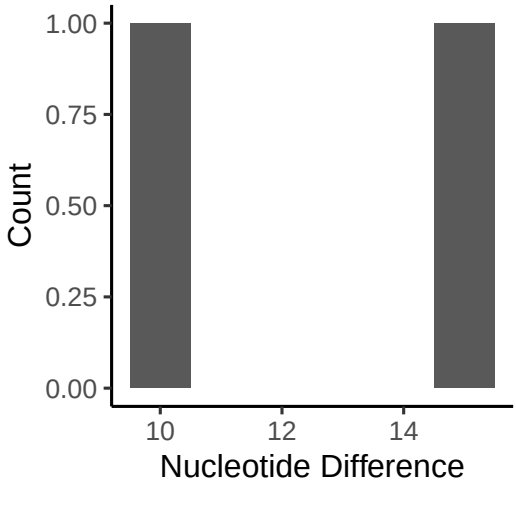
IGHV3−49*05

957 sequences assigned
19 (2%) exact matches, in which:
18 unique CDR3
6 unique J



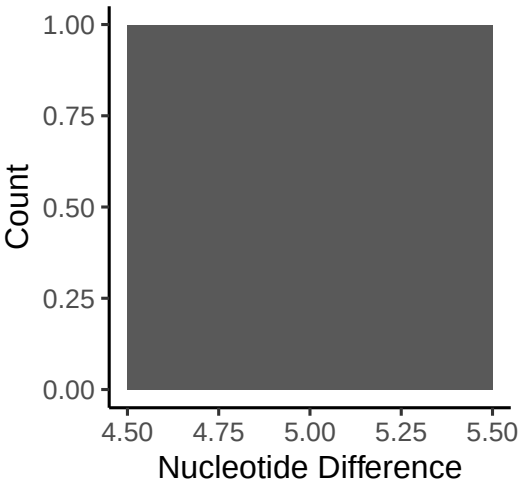
IGHV3−64*04

2 sequences assigned
No exact matches.



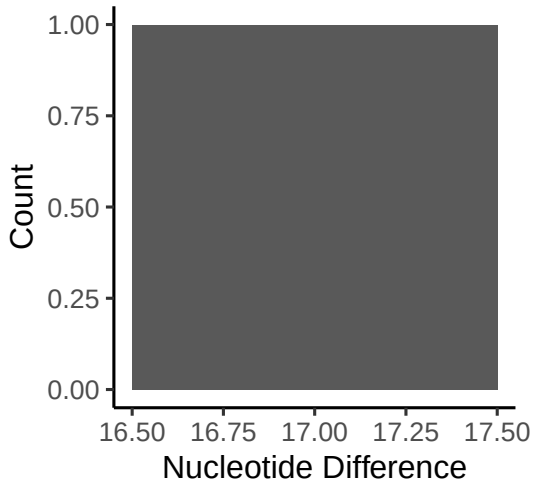
IGHV3−66*01

28 sequences assigned
No exact matches.



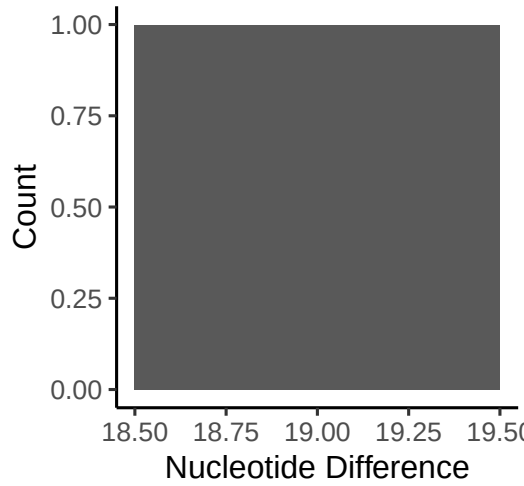
IGHV3−69−1*01

1 sequences assigned
No exact matches.



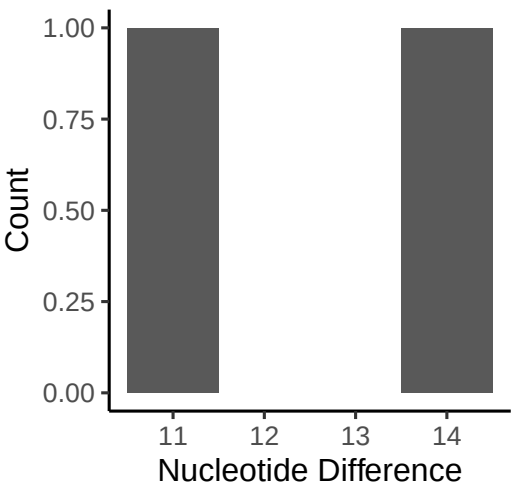
IGHV3−71*02

1 sequences assigned
No exact matches.



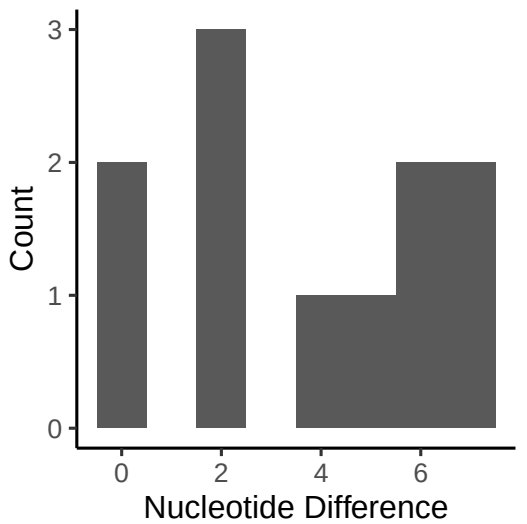
IGHV3−66*03

2 sequences assigned
No exact matches.



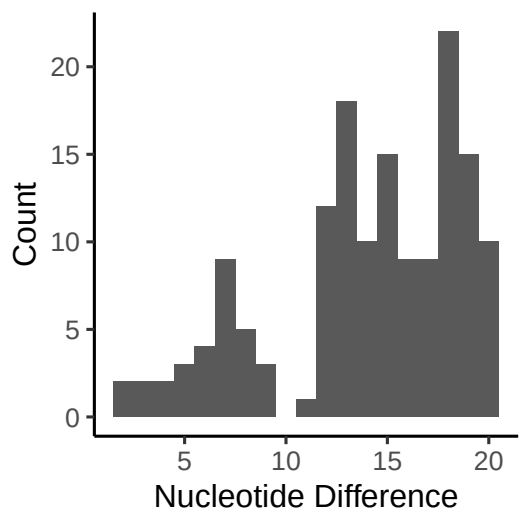
IGHV3−69−1*02

12 sequences assigned
2 (16.7%) exact matches, in which:
2 unique CDR3
2 unique J



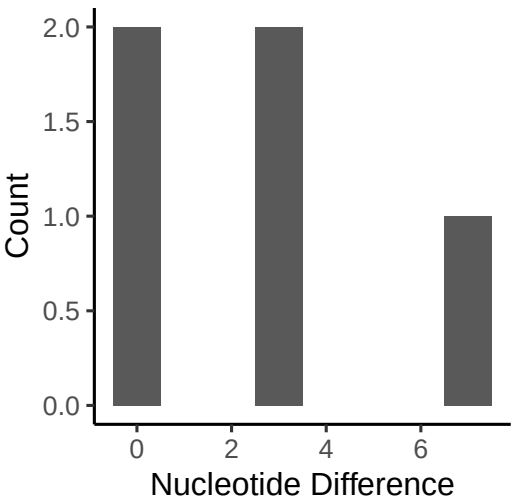
IGHV3−72*01

189 sequences assigned
No exact matches.



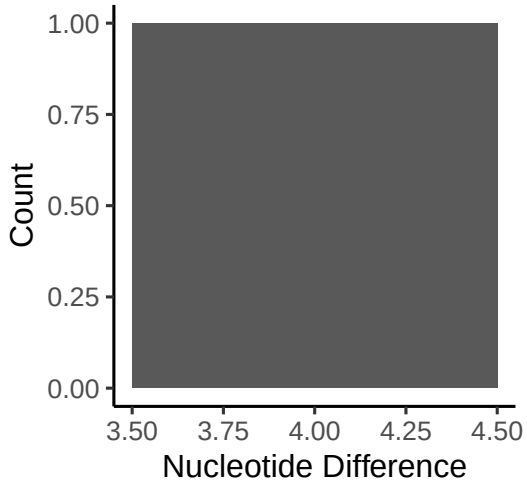
IGHV3−66*04

5 sequences assigned
2 (40%) exact matches, in which:
2 unique CDR3
1 unique J



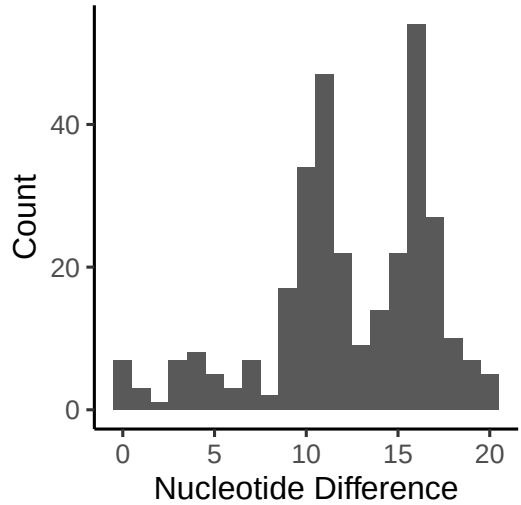
IGHV3−71*01

1 sequences assigned
No exact matches.



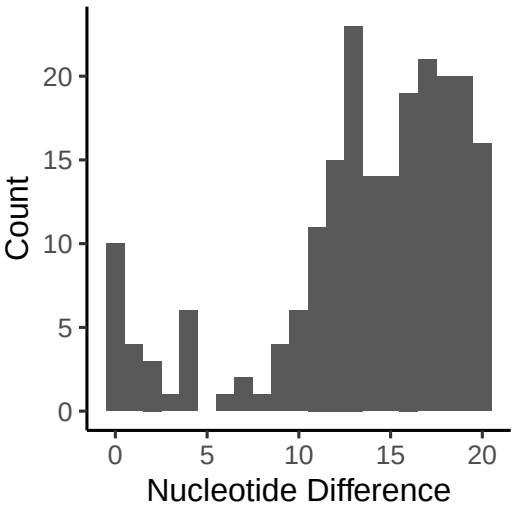
IGHV3−73*02

411 sequences assigned
7 (1.7%) exact matches, in which:
7 unique CDR3
4 unique J



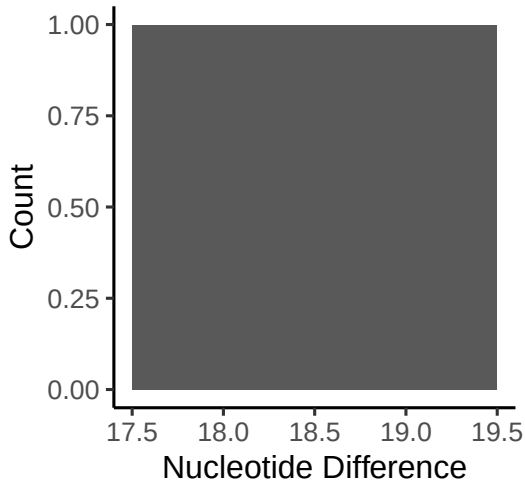
IGHV3−74*01

500 sequences assigned
10 (2%) exact matches, in which:
10 unique CDR3
5 unique J



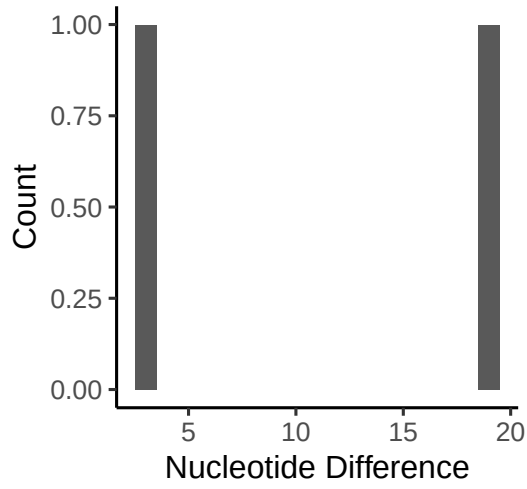
IGHV4−28*01

4 sequences assigned
No exact matches.



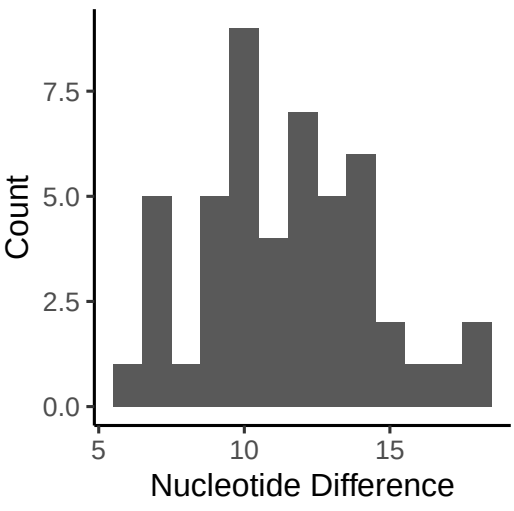
IGHV4−30−2*03

3 sequences assigned
No exact matches.



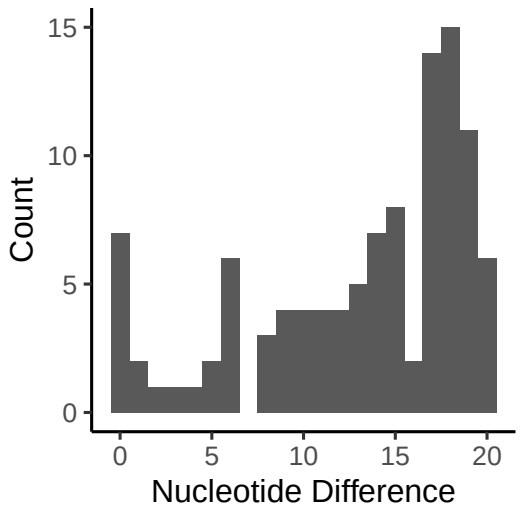
IGHV3−74*03

113 sequences assigned
No exact matches.



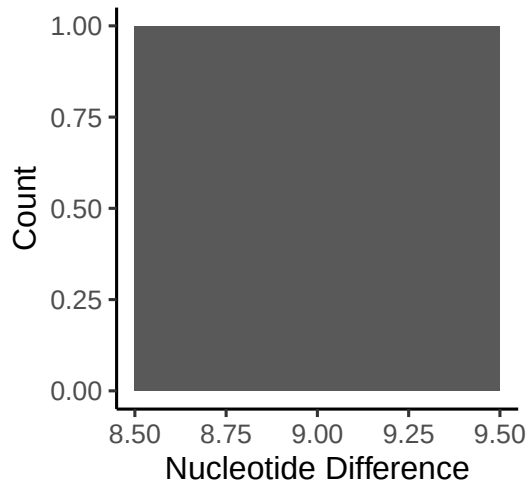
IGHV4−30−4*01

435 sequences assigned
7 (1.6%) exact matches, in which:
7 unique CDR3
4 unique J



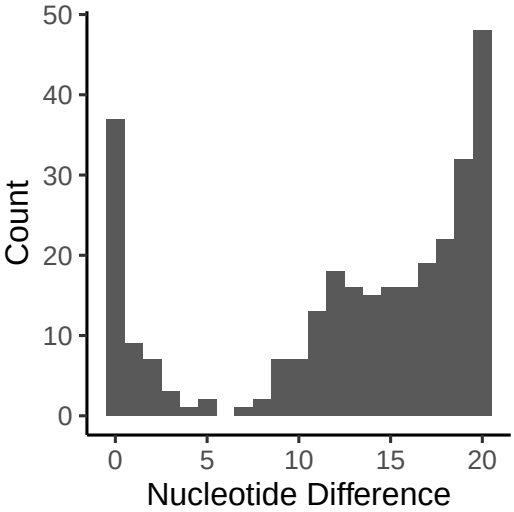
IGHV4−30−2*05

1 sequences assigned
No exact matches.



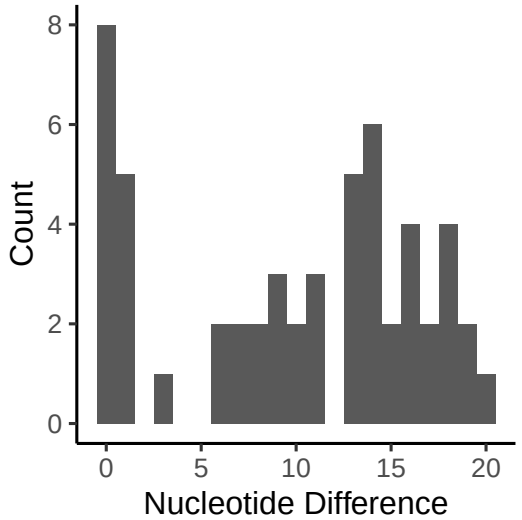
IGHV4−4*07

653 sequences assigned
37 (5.7%) exact matches, in which:
36 unique CDR3
6 unique J



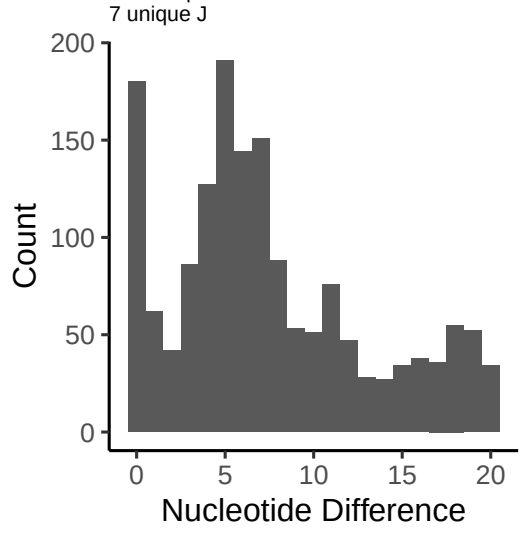
IGHV4−30−2*01

254 sequences assigned
8 (3.1%) exact matches, in which:
8 unique CDR3
4 unique J



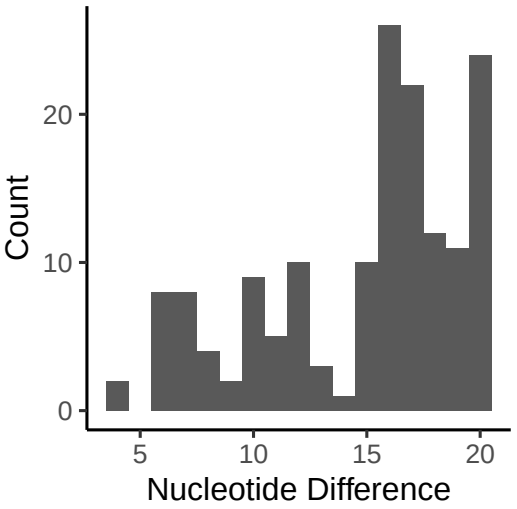
IGHV4−34*01

2150 sequences assigned
180 (8.4%) exact matches, in which:
177 unique CDR3
7 unique J



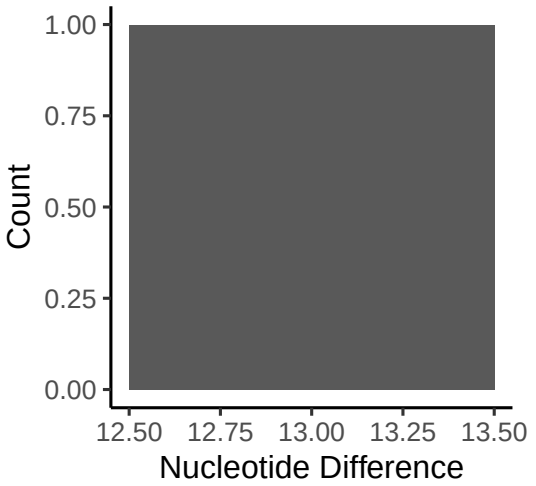
IGHV4−34*02

775 sequences assigned
No exact matches.



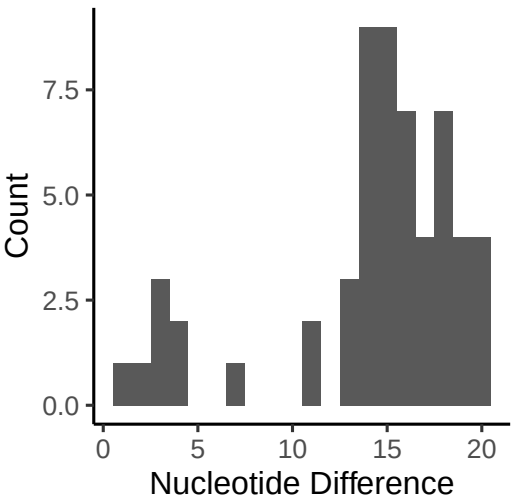
IGHV4−55*08

1 sequences assigned
No exact matches.



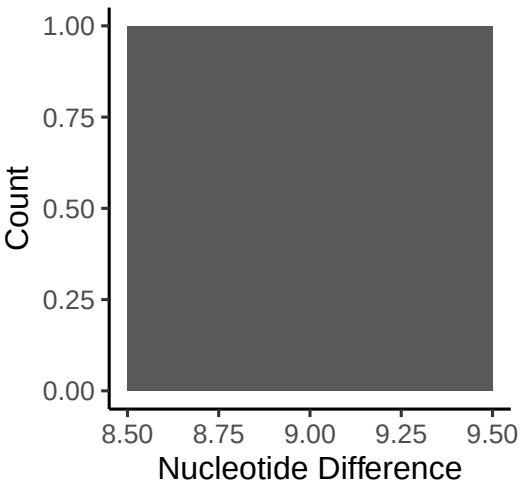
IGHV4−59*12

121 sequences assigned
No exact matches.



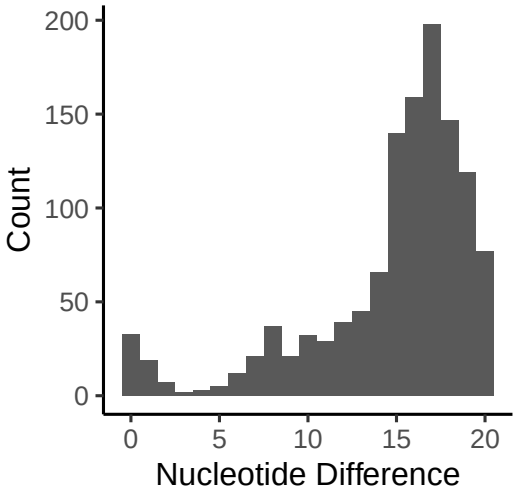
IGHV4−38−2*02

10 sequences assigned
No exact matches.



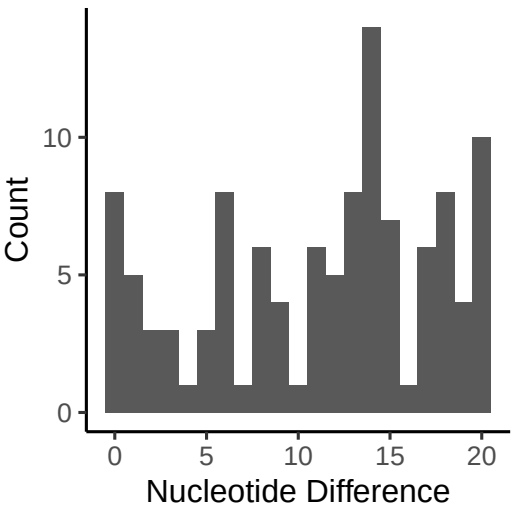
IGHV4−59*01

1806 sequences assigned
33 (1.8%) exact matches, in which:
31 unique CDR3
6 unique J



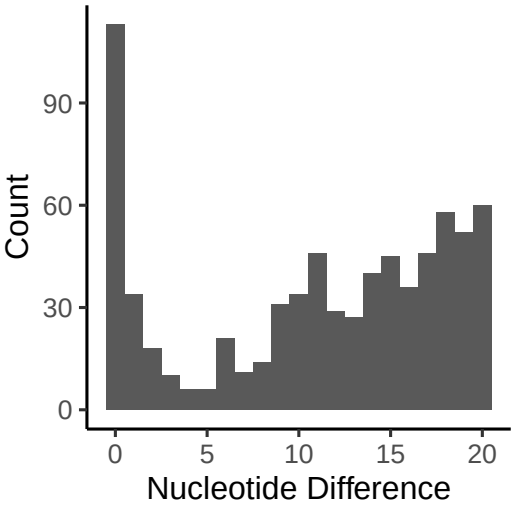
IGHV4−61*01

281 sequences assigned
8 (2.8%) exact matches, in which:
8 unique CDR3
4 unique J



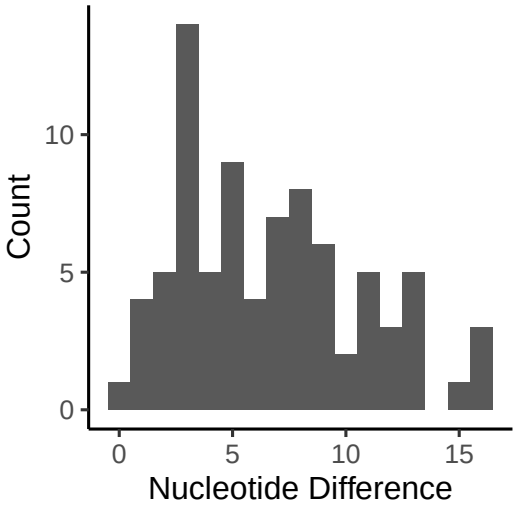
IGHV4−39*01

2038 sequences assigned
113 (5.5%) exact matches, in which:
109 unique CDR3
7 unique J



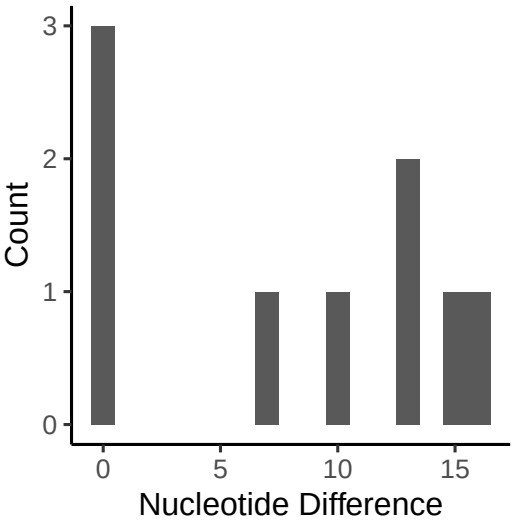
IGHV4−59*09

83 sequences assigned
1 (1.2%) exact matches, in which:
1 unique CDR3
1 unique J



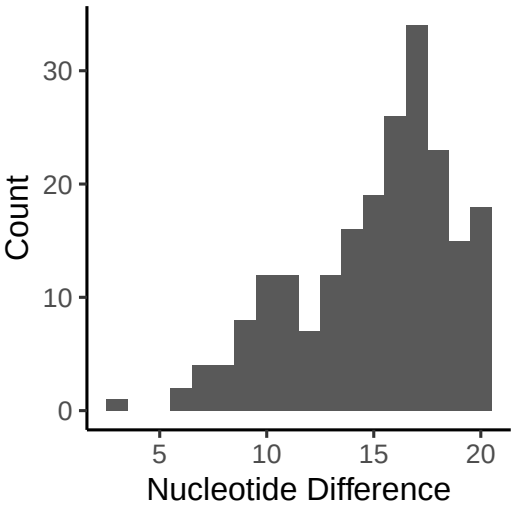
IGHV4−61*07

15 sequences assigned
3 (20%) exact matches, in which:
3 unique CDR3
2 unique J



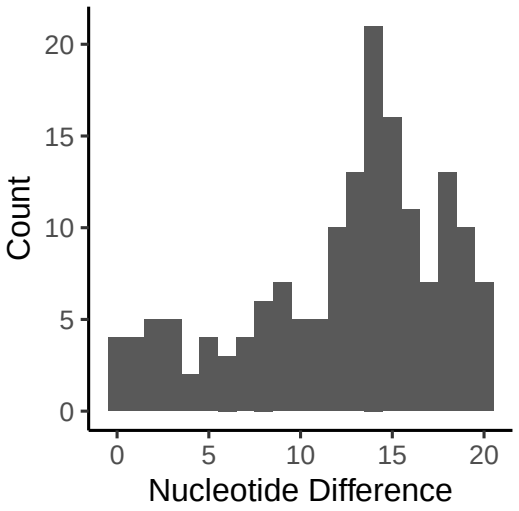
IGHV4−61*08

249 sequences assigned
No exact matches.



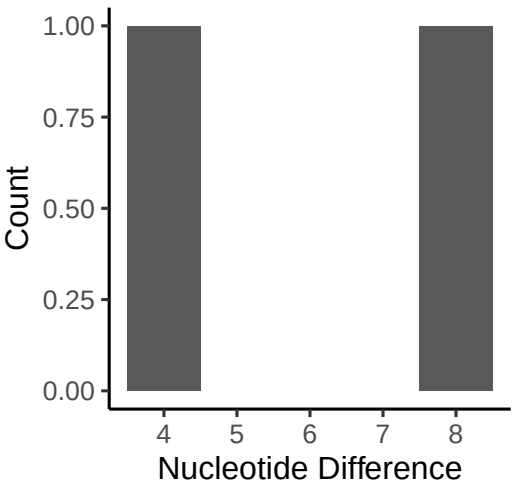
IGHV6−1*01

241 sequences assigned
4 (1.7%) exact matches, in which:
4 unique CDR3
3 unique J



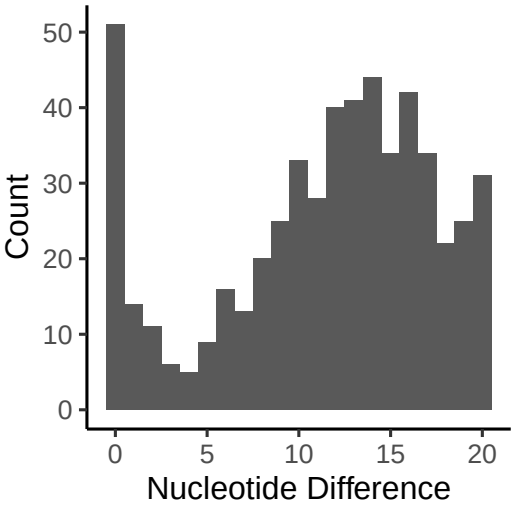
IGHV5−10−1*03

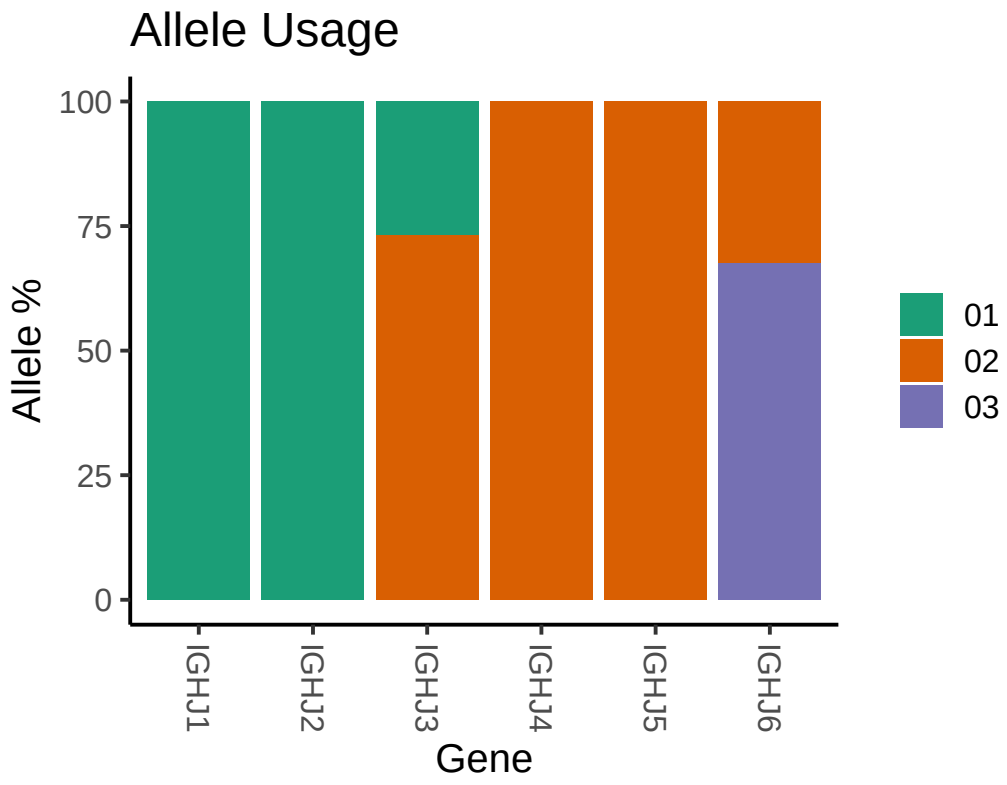
2 sequences assigned
No exact matches.



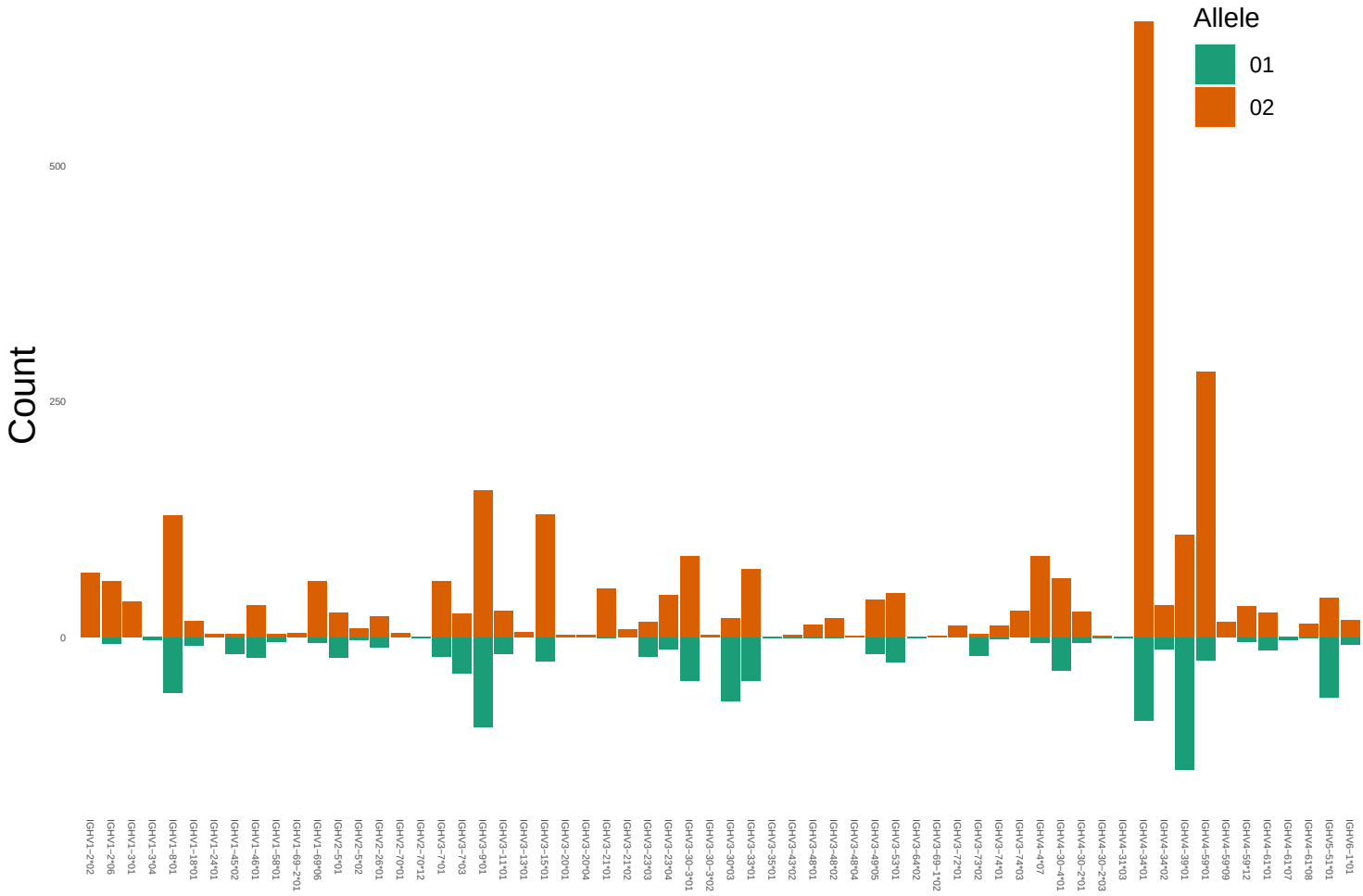
IGHV5−51*01

895 sequences assigned
51 (5.7%) exact matches, in which:
50 unique CDR3
6 unique J




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

Sequence Count by IGHJ3 allele usage



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.