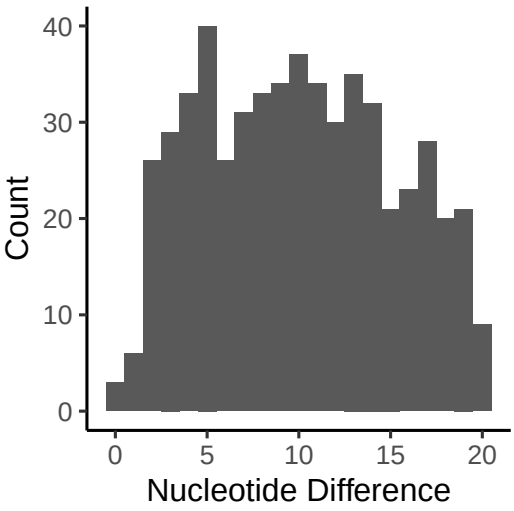
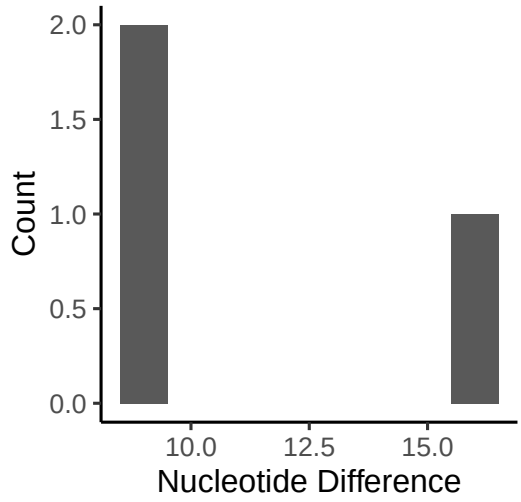
IGHV1−2*06

695 sequences assigned
3 (0.4%) exact matches, in which:
3 unique CDR3
2 unique J



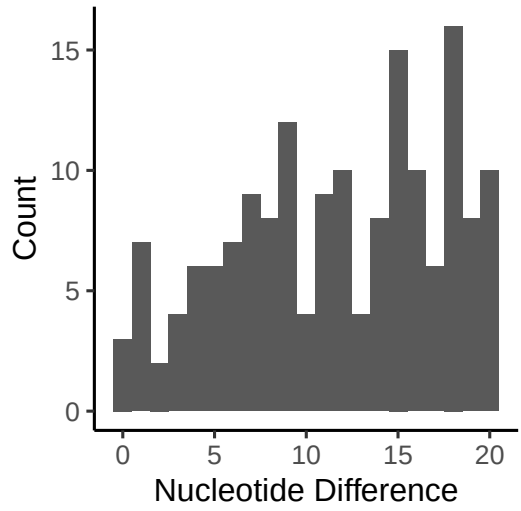
IGHV1−8*01

3 sequences assigned
No exact matches.



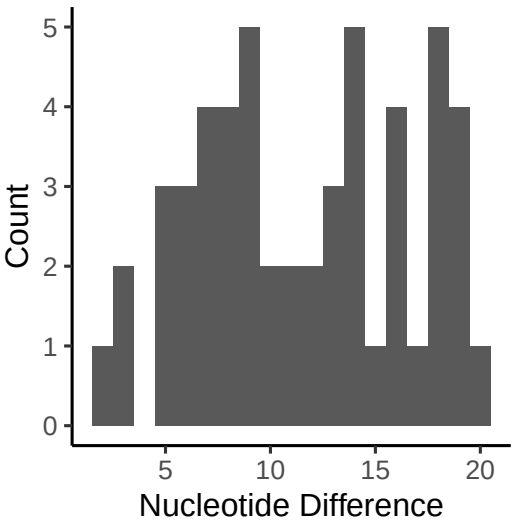
IGHV1−24*01

209 sequences assigned
3 (1.4%) exact matches, in which:
3 unique CDR3
2 unique J



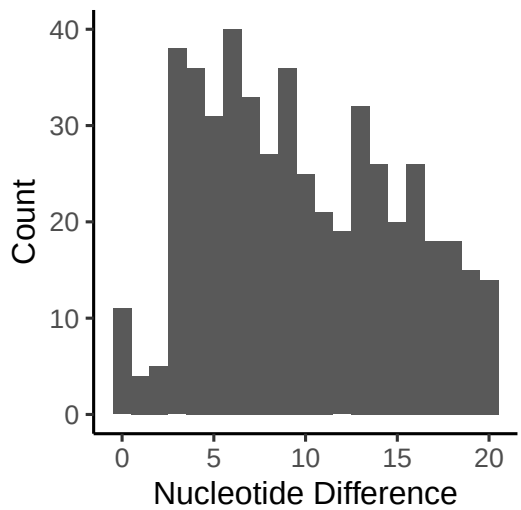
IGHV1−3*04

66 sequences assigned
No exact matches.



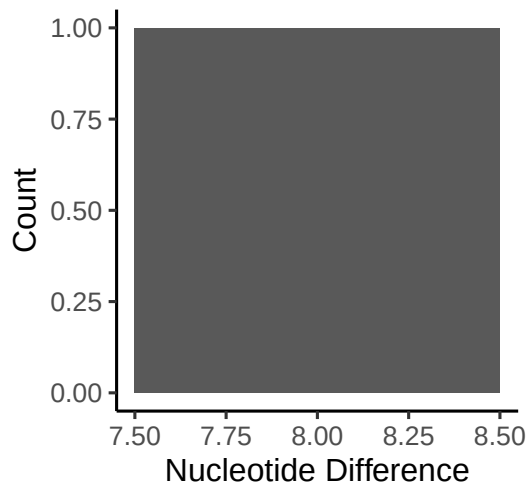
IGHV1−18*01

639 sequences assigned
11 (1.7%) exact matches, in which:
10 unique CDR3
3 unique J



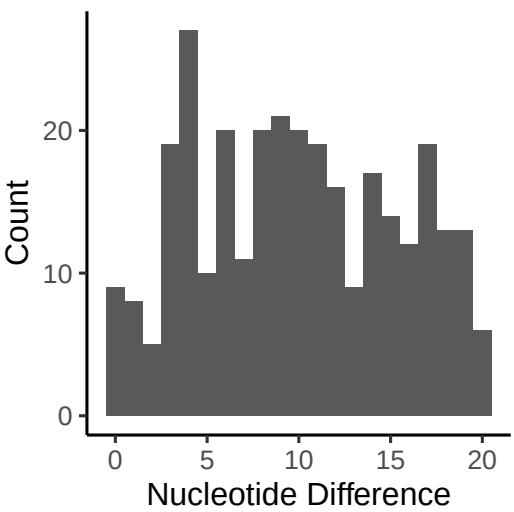
IGHV1−45*02

1 sequences assigned
No exact matches.



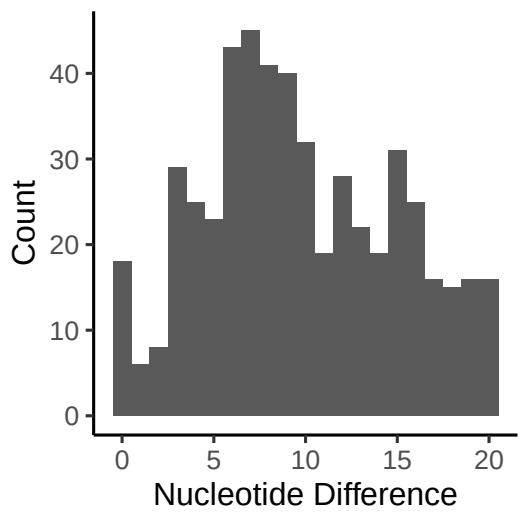
IGHV1−3*01_05

367 sequences assigned
9 (2.5%) exact matches, in which:
9 unique CDR3
3 unique J



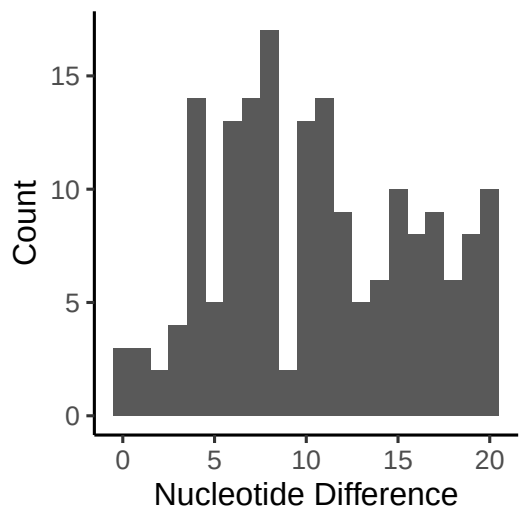
IGHV1−18*04

667 sequences assigned
18 (2.7%) exact matches, in which:
17 unique CDR3
5 unique J



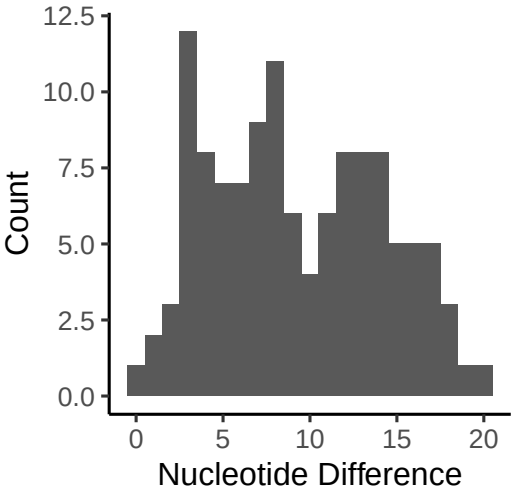
IGHV1−46*01

223 sequences assigned
3 (1.3%) exact matches, in which:
3 unique CDR3
2 unique J



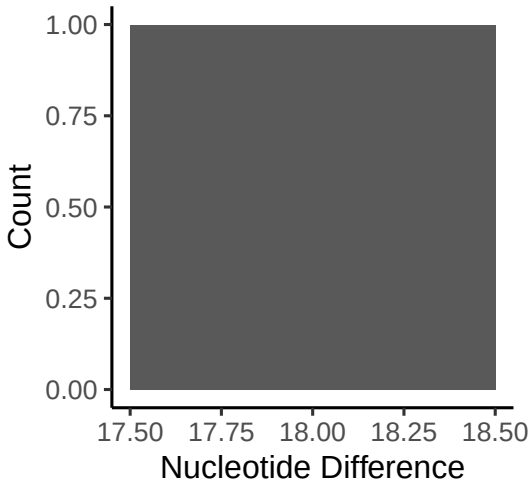
IGHV1−46*03

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



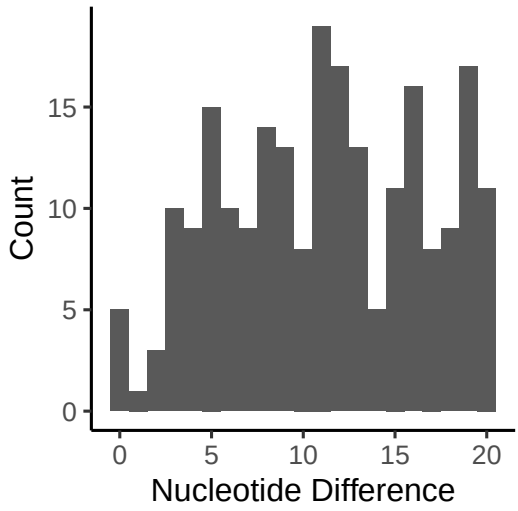
IGHV1−69−2*01

1 sequences assigned
No exact matches.



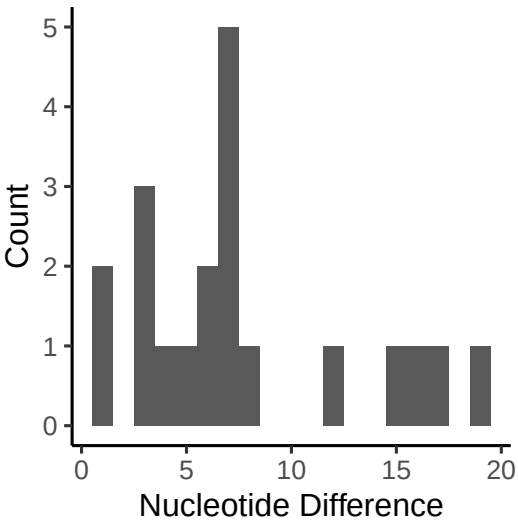
IGHV1−69*01_12_13

336 sequences assigned
5 (1.5%) exact matches, in which:
5 unique CDR3
3 unique J



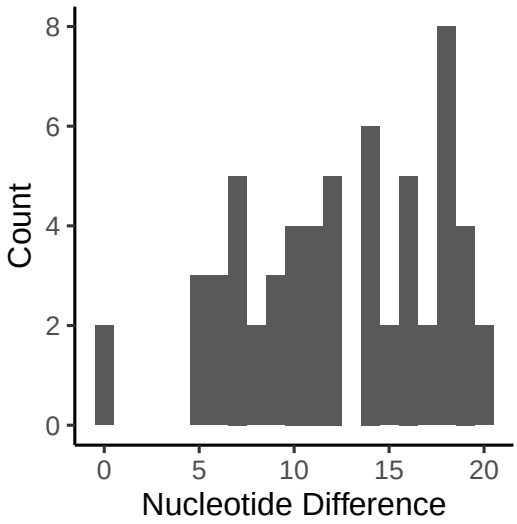
IGHV1−58*02

21 sequences assigned
No exact matches.



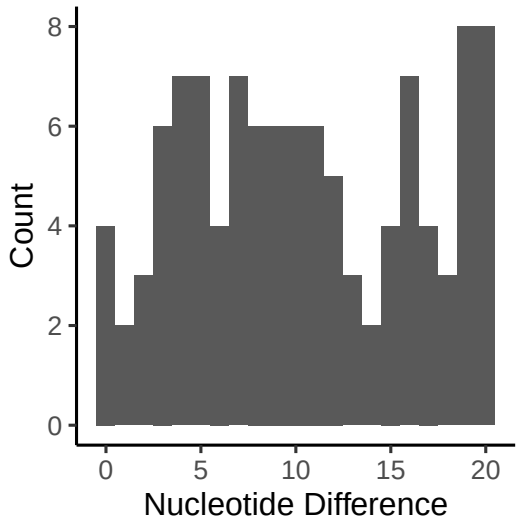
IGHV1−69*02

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



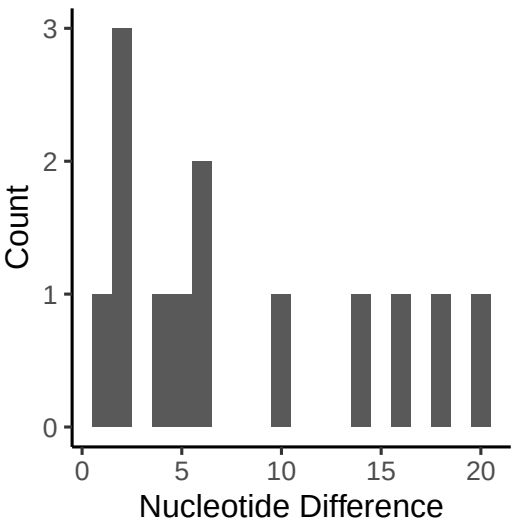
IGHV1−69*06_14

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



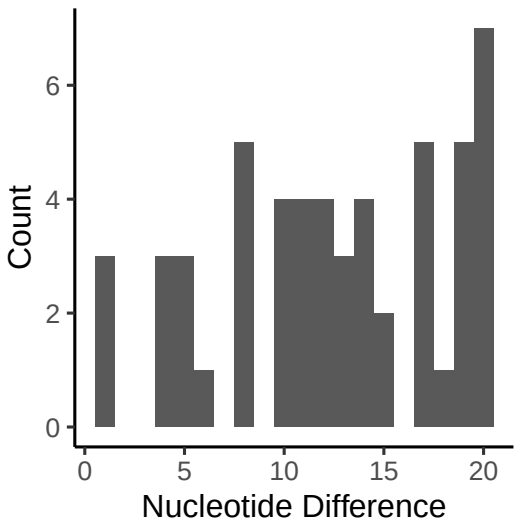
IGHV1−58*01_03

22 sequences assigned
No exact matches.



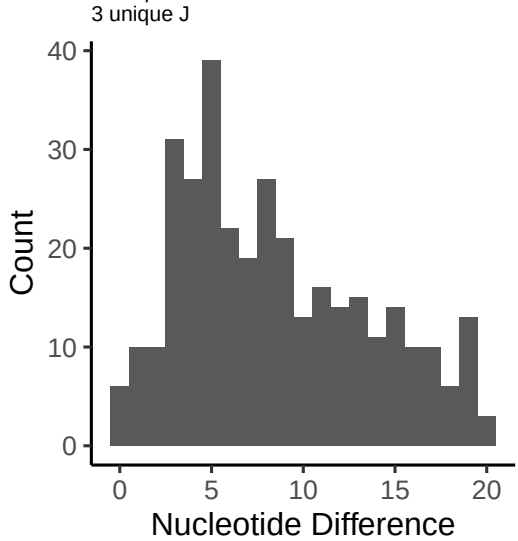
IGHV1−69*08

82 sequences assigned
No exact matches.



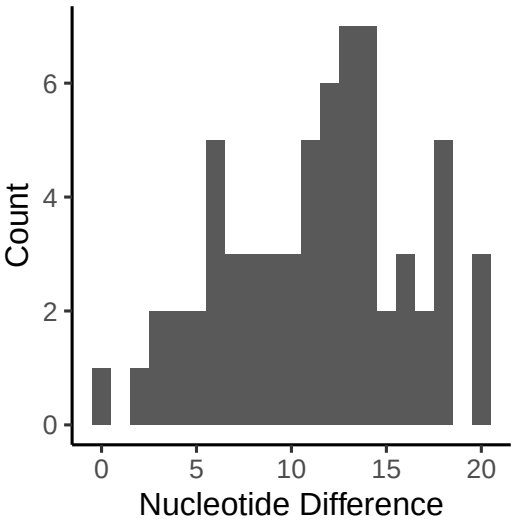
IGHV2−5*02

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



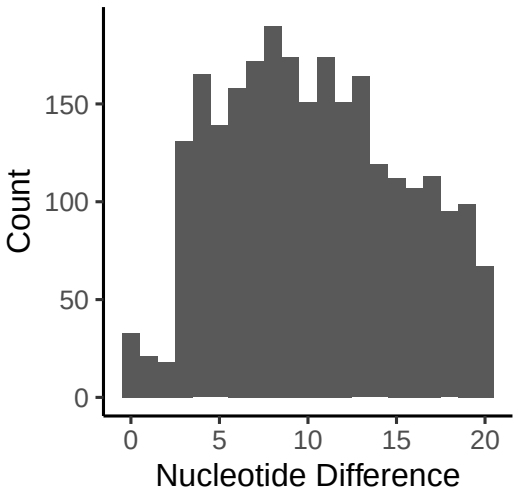
IGHV2−26*01

71 sequences assigned
1 (1.4%) exact matches, in which:
1 unique CDR3
1 unique J



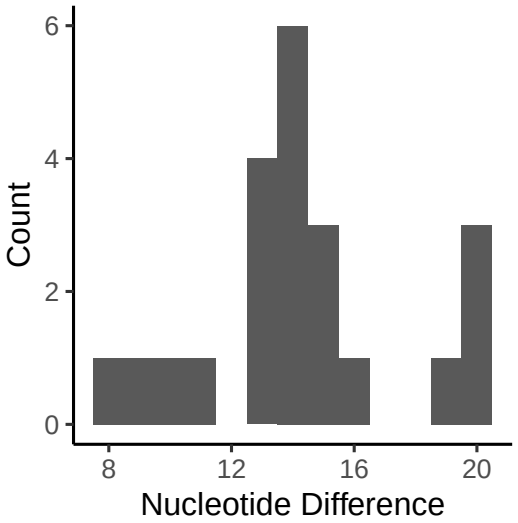
IGHV3−7*03

2856 sequences assigned
33 (1.2%) exact matches, in which:
25 unique CDR3
6 unique J



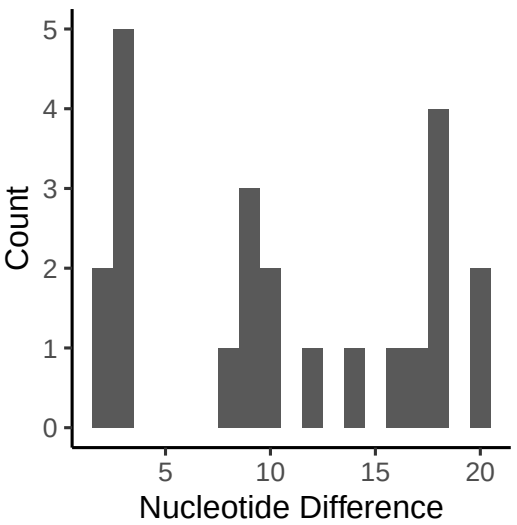
IGHV3−13*01

27 sequences assigned
No exact matches.



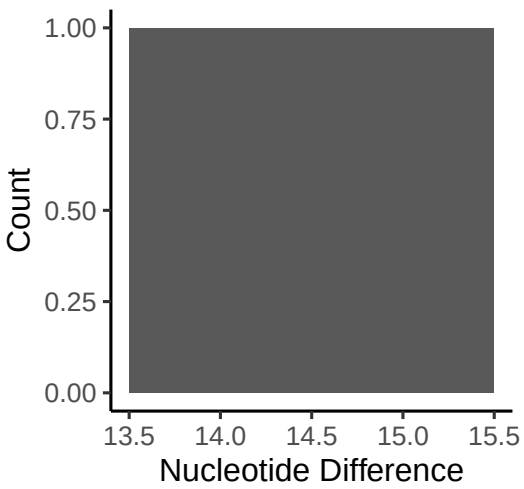
IGHV2−70*01

31 sequences assigned
No exact matches.



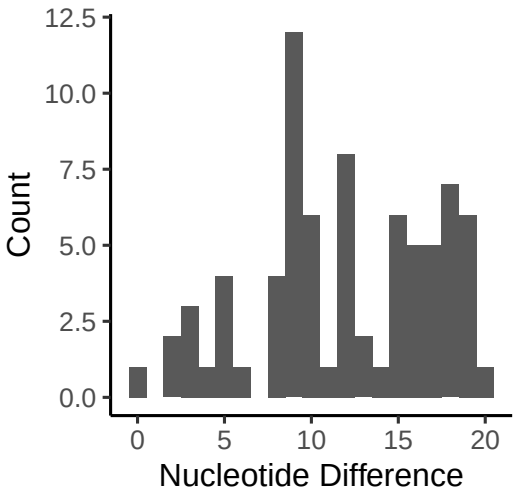
IGHV3−9*01

2 sequences assigned
No exact matches.



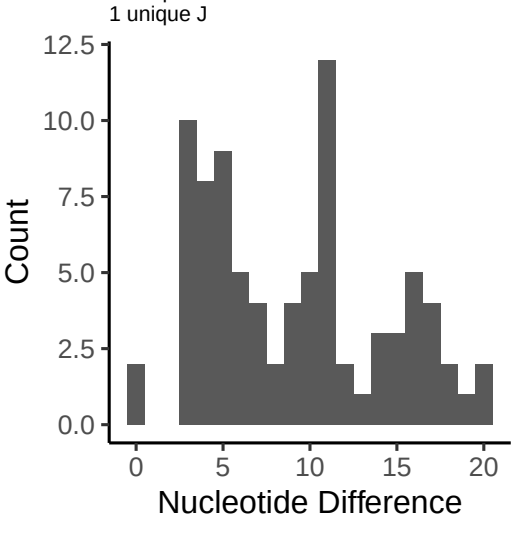
IGHV3−13*05

79 sequences assigned
1 (1.3%) exact matches, in which:
1 unique CDR3
1 unique J



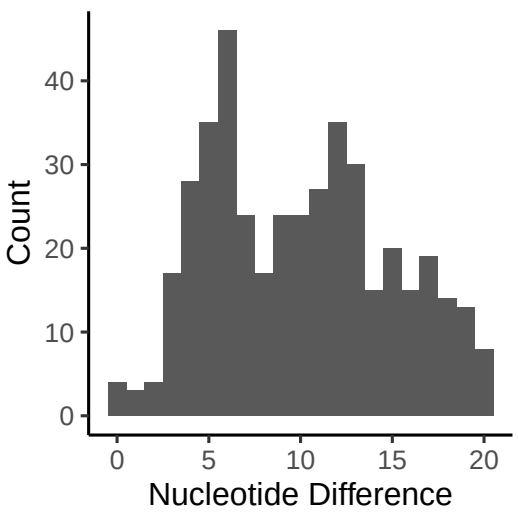
IGHV2−70*11_15

94 sequences assigned
2 (2.1%) exact matches, in which:
2 unique CDR3
1 unique J



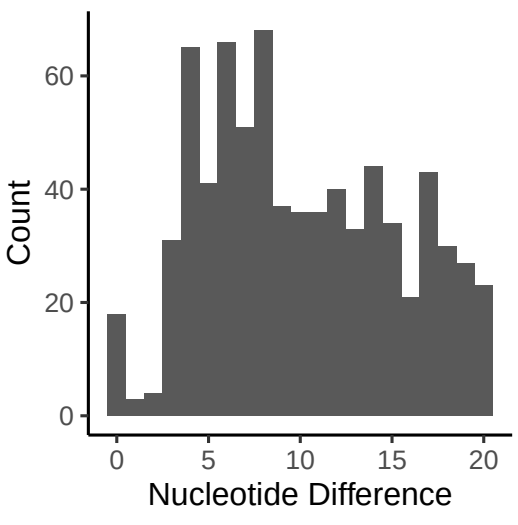
IGHV3−11*06

521 sequences assigned
4 (0.8%) exact matches, in which:
4 unique CDR3
2 unique J



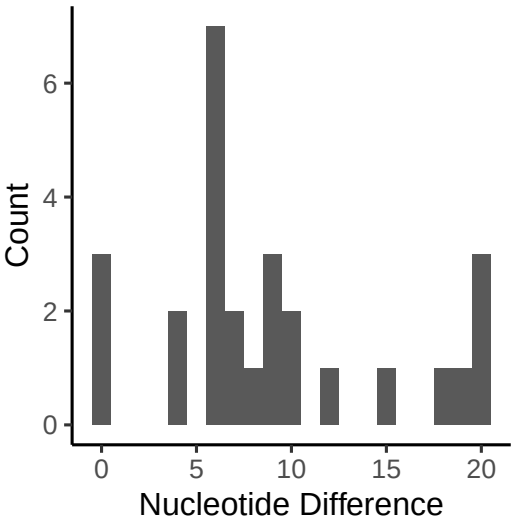
IGHV3−15*01_02

890 sequences assigned
18 (2%) exact matches, in which:
13 unique CDR3
4 unique J



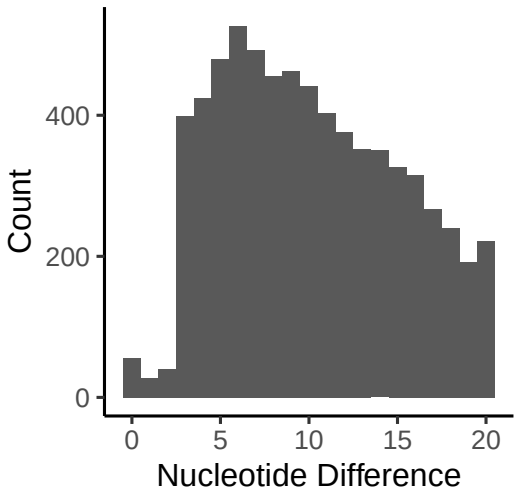
IGHV3−20*01_02

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



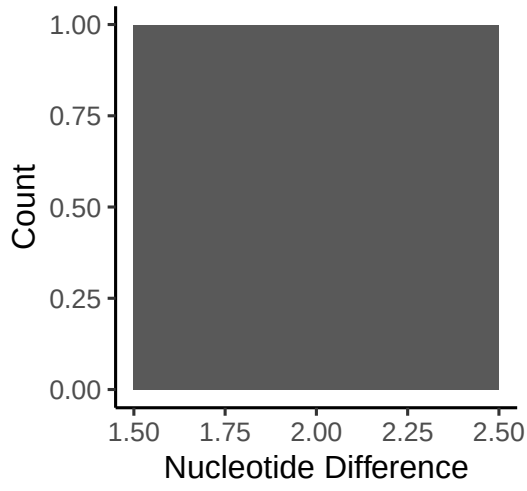
IGHV3−23*01_04

8325 sequences assigned
56 (0.7%) exact matches, in which:
46 unique CDR3
7 unique J



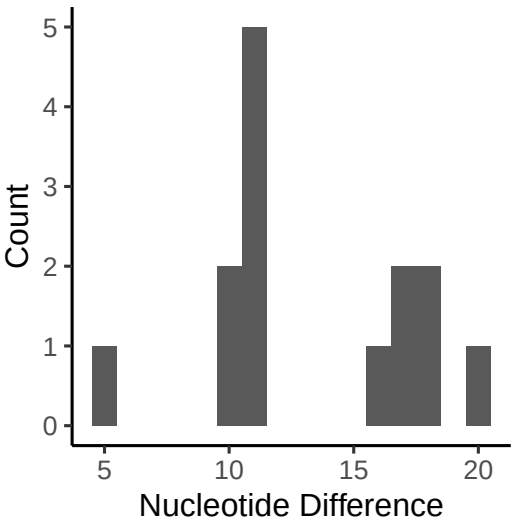
IGHV3−47*02

1 sequences assigned
No exact matches.



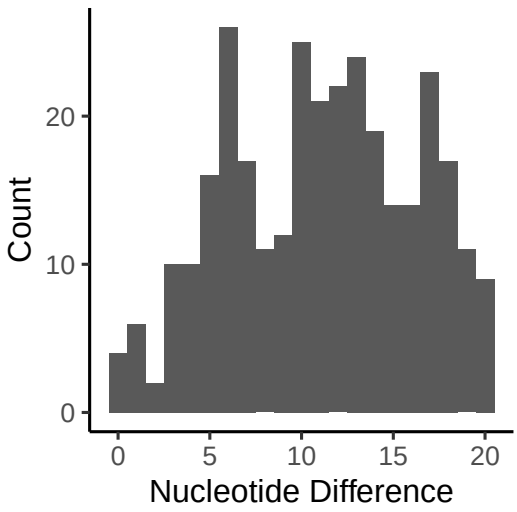
IGHV3−20*03_04

20 sequences assigned
No exact matches.



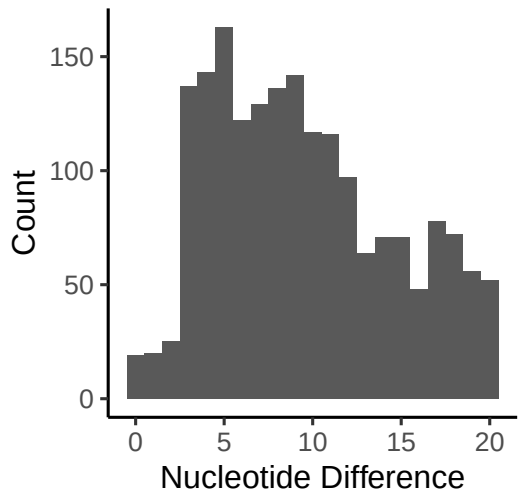
IGHV3−33*01

423 sequences assigned
4 (0.9%) exact matches, in which:
4 unique CDR3
2 unique J



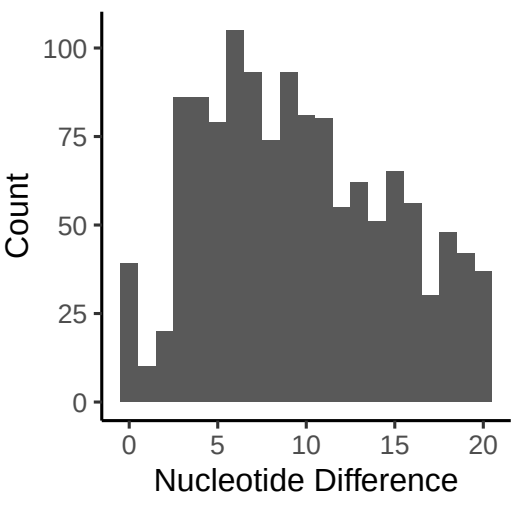
IGHV3−48*02

2189 sequences assigned
19 (0.9%) exact matches, in which:
14 unique CDR3
4 unique J



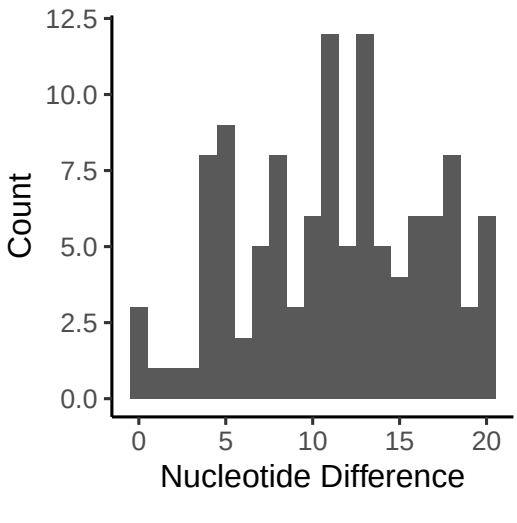
IGHV3−21*01_02

1658 sequences assigned
39 (2.4%) exact matches, in which:
29 unique CDR3
6 unique J



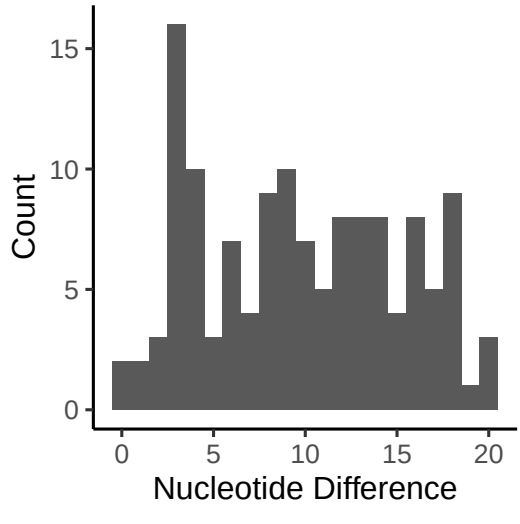
IGHV3−43*01

162 sequences assigned
3 (1.9%) exact matches, in which:
3 unique CDR3
2 unique J



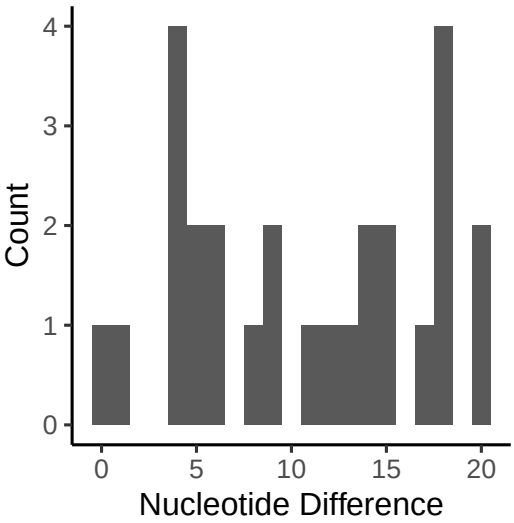
IGHV3−49*04

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



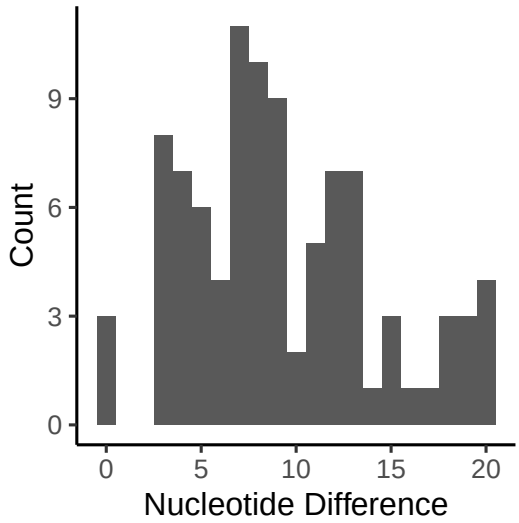
IGHV3−49*03_05

42 sequences assigned
1 (2.4%) exact matches, in which:
1 unique CDR3
1 unique J



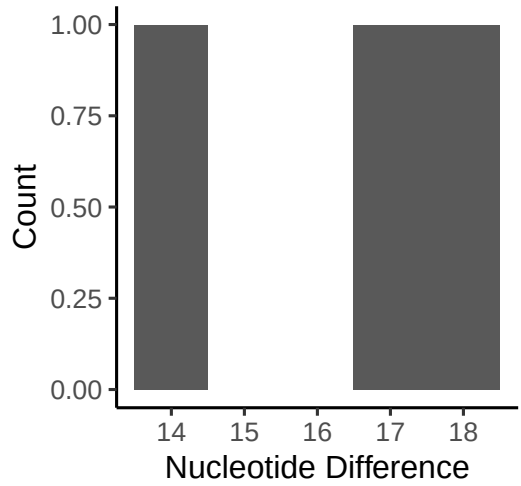
IGHV3−64*01

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



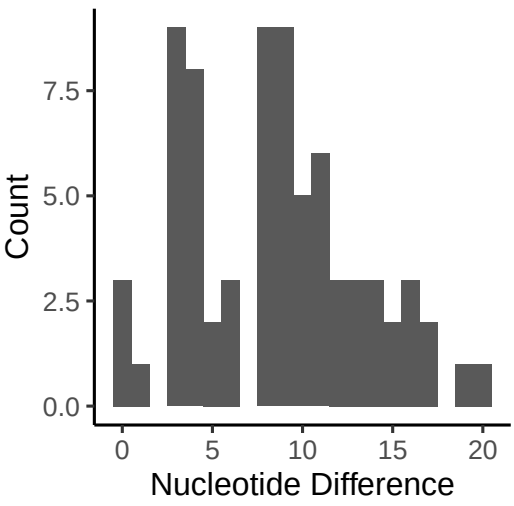
IGHV3−69−1*01

8 sequences assigned
No exact matches.



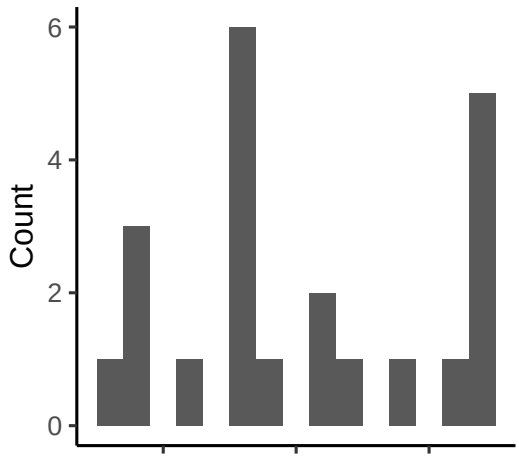
IGHV3−53*04

87 sequences assigned
3 (3.4%) exact matches, in which:
2 unique CDR3
1 unique J



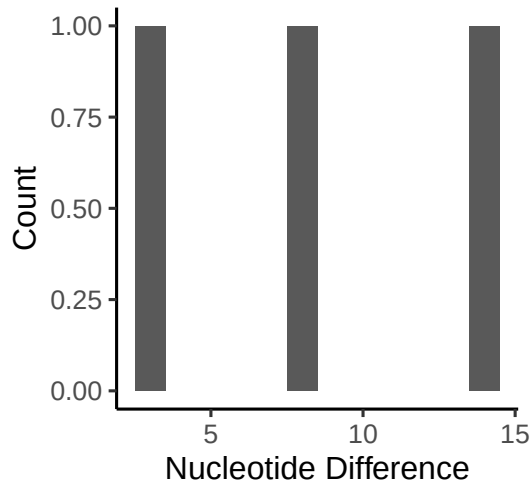
IGHV3−64*02_07

32 sequences assigned
No exact matches.



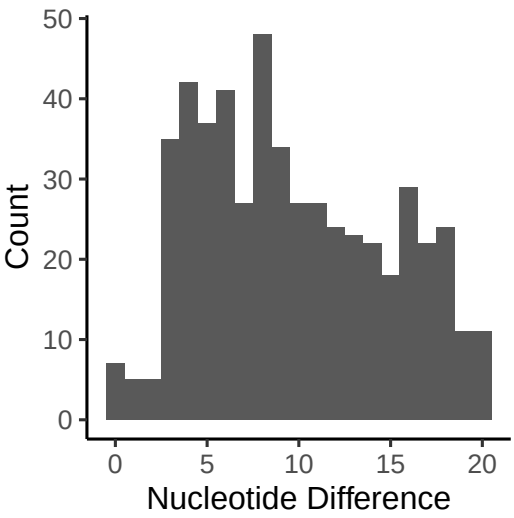
IGHV3−69−1*02

5 sequences assigned
No exact matches.



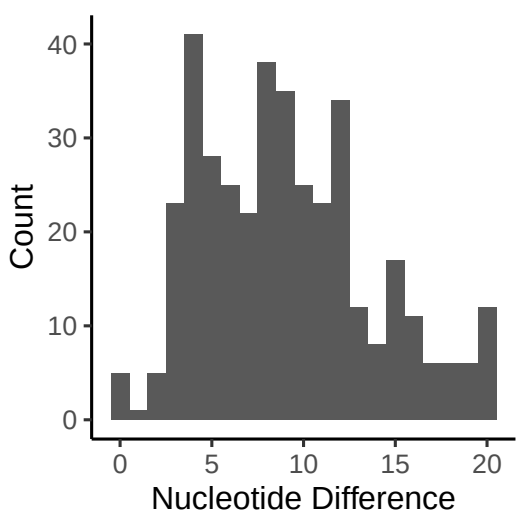
IGHV3−53*01_02

606 sequences assigned
7 (1.2%) exact matches, in which:
6 unique CDR3
2 unique J



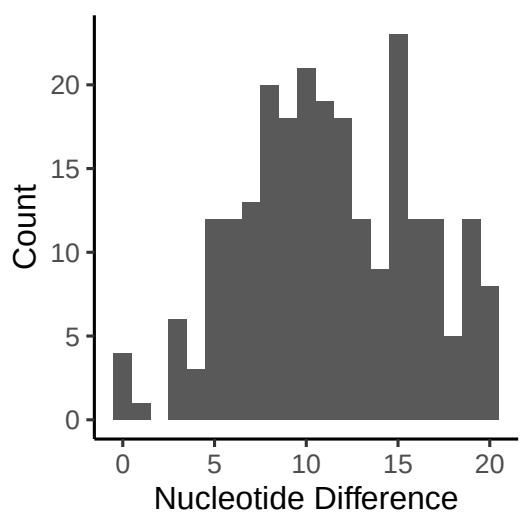
IGHV3−66*01

466 sequences assigned
5 (1.1%) exact matches, in which:
4 unique CDR3
3 unique J



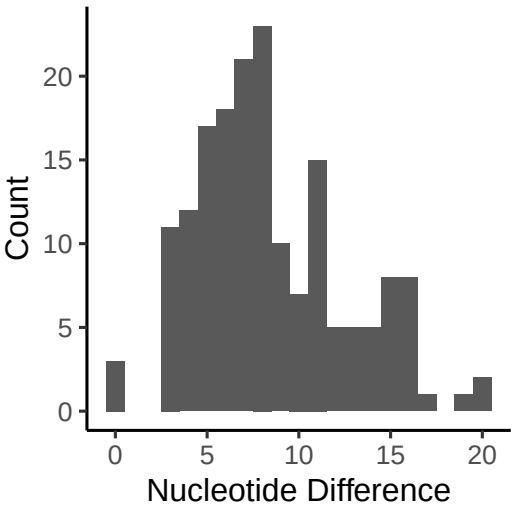
IGHV3−72*01

265 sequences assigned
4 (1.5%) exact matches, in which:
2 unique CDR3
2 unique J



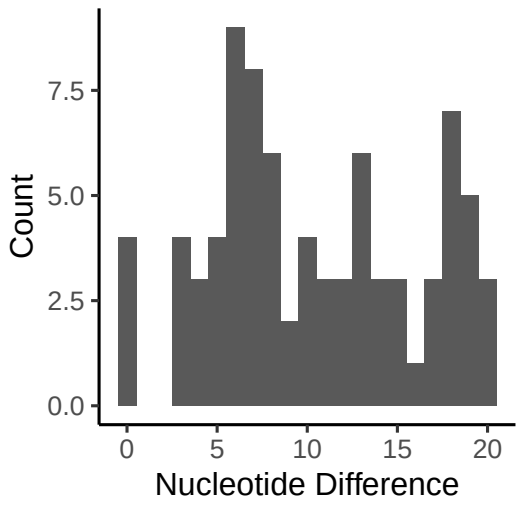
IGHV3−73*01_02

196 sequences assigned
3 (1.5%) exact matches, in which:
2 unique CDR3
1 unique J



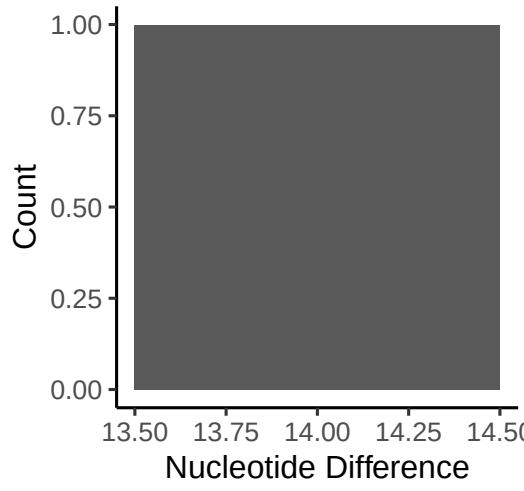
IGHV3−43D*03

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



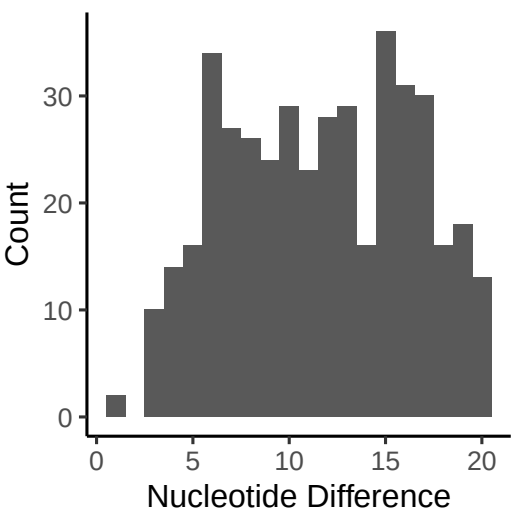
IGHV4−28*03

1 sequences assigned
No exact matches.



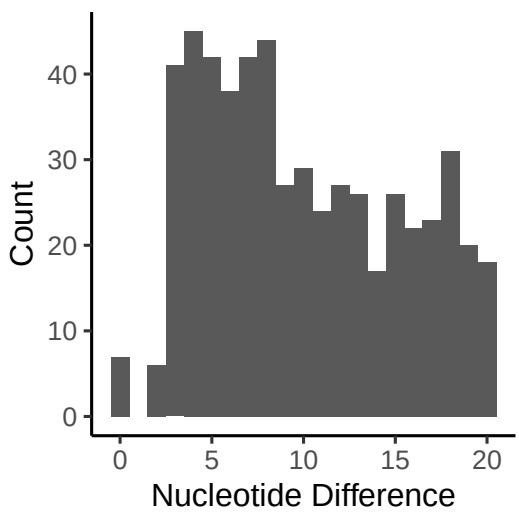
IGHV3−74*03

488 sequences assigned
No exact matches.



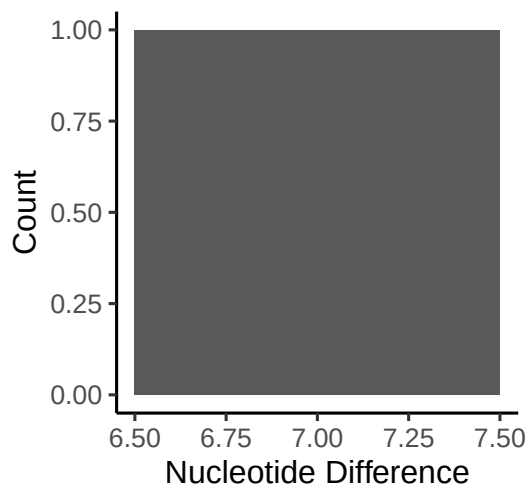
IGHV3−64D*06

669 sequences assigned
7 (1%) exact matches, in which:
7 unique CDR3
5 unique J



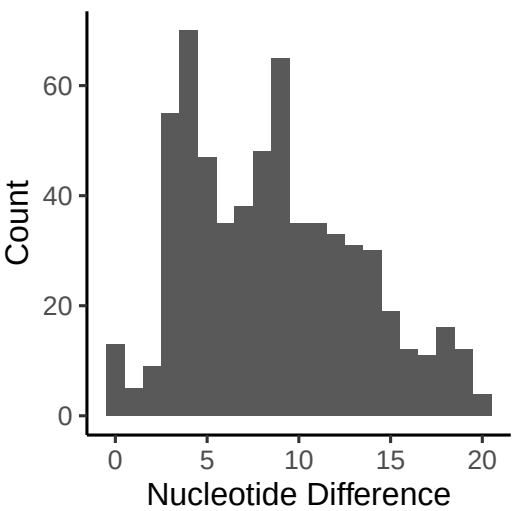
IGHV4−28*06

1 sequences assigned
No exact matches.



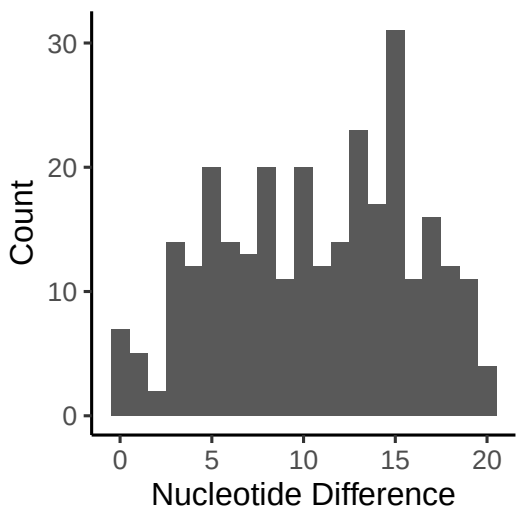
IGHV3−74*01_02

690 sequences assigned
13 (1.9%) exact matches, in which:
10 unique CDR3
4 unique J



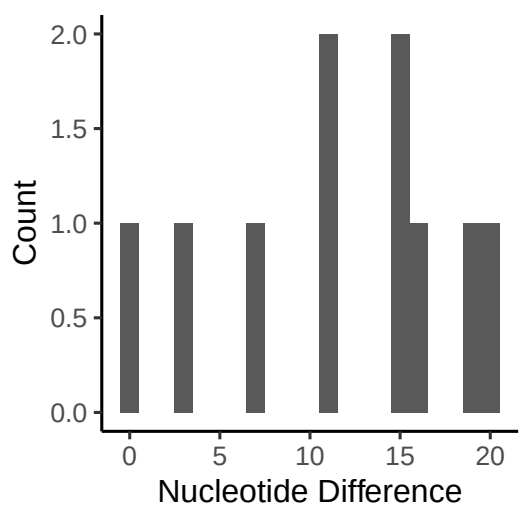
IGHV4−4*02_03

392 sequences assigned
7 (1.8%) exact matches, in which:
6 unique CDR3
2 unique J



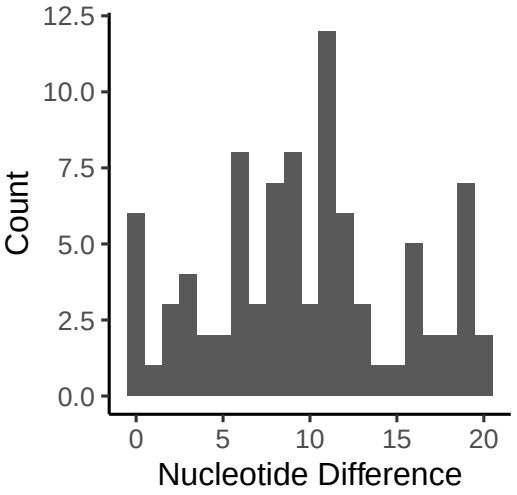
IGHV4−28*01_07

10 sequences assigned
1 (10%) exact matches, in which:
1 unique CDR3
1 unique J



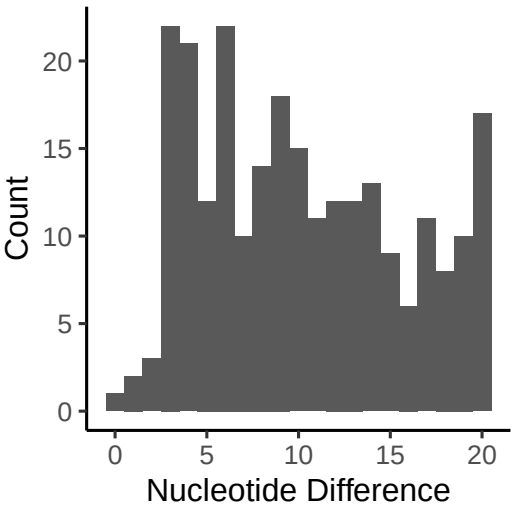
IGHV4−30−2*01

116 sequences assigned
6 (5.2%) exact matches, in which:
6 unique CDR3
4 unique J



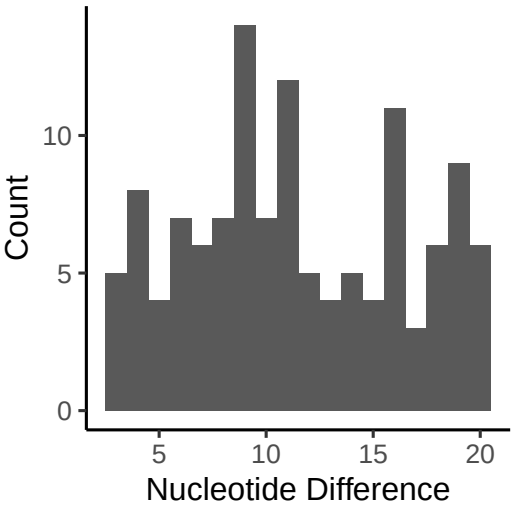
IGHV4−31*02

326 sequences assigned
1 (0.3%) exact matches, in which:
1 unique CDR3
1 unique J



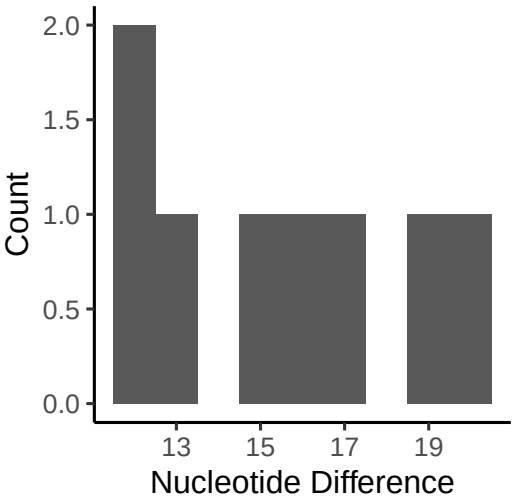
IGHV4−39*02

239 sequences assigned
No exact matches.



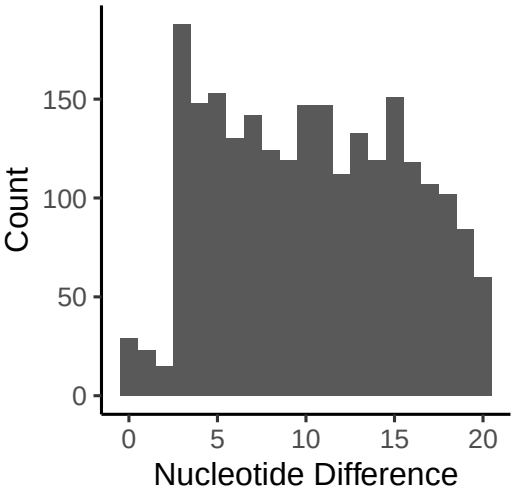
IGHV4−30−2*06

23 sequences assigned
No exact matches.



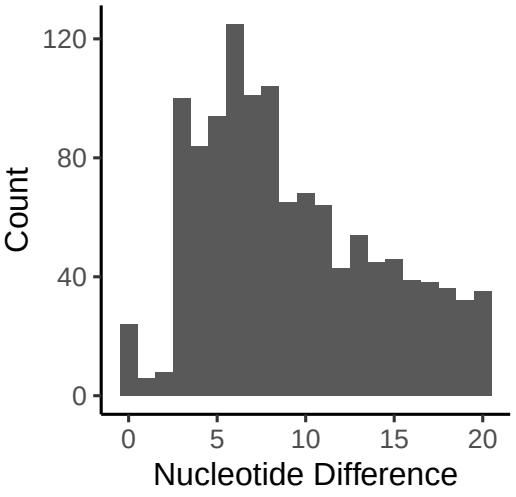
IGHV4−34*01_02

2946 sequences assigned
29 (1%) exact matches, in which:
24 unique CDR3
6 unique J



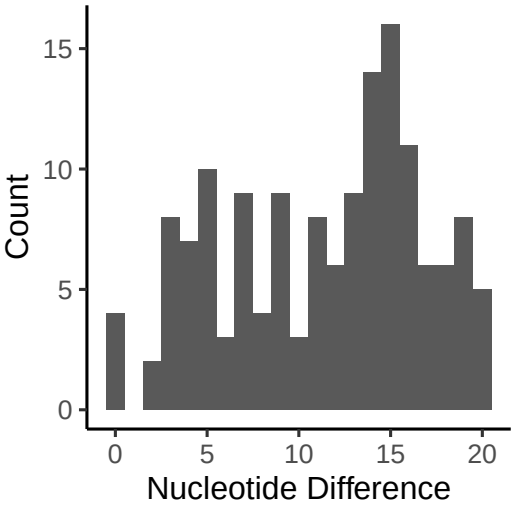
IGHV4−59*08

1442 sequences assigned
24 (1.7%) exact matches, in which:
20 unique CDR3
5 unique J



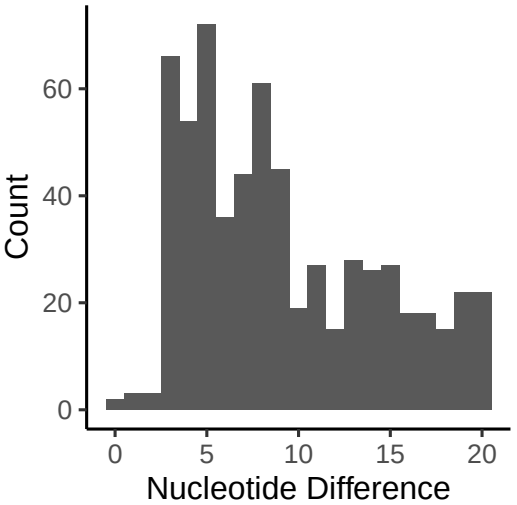
IGHV4−30−4*07

225 sequences assigned
4 (1.8%) exact matches, in which:
3 unique CDR3
3 unique J



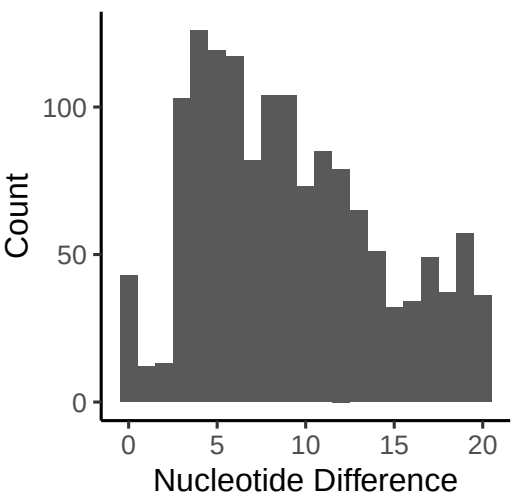
IGHV4−38−2*02

757 sequences assigned
2 (0.3%) exact matches, in which:
2 unique CDR3
1 unique J



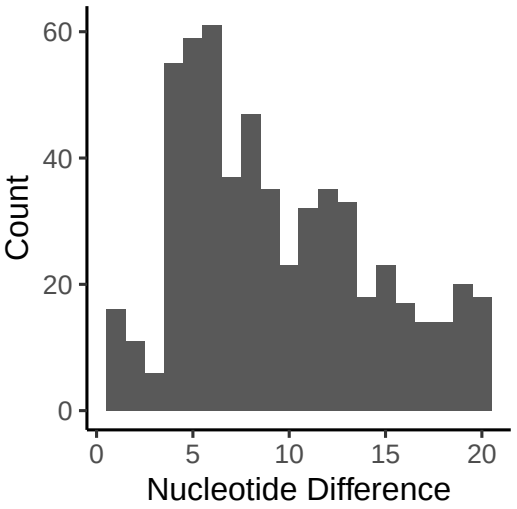
IGHV4−59*01_07

1701 sequences assigned
43 (2.5%) exact matches, in which:
26 unique CDR3
6 unique J



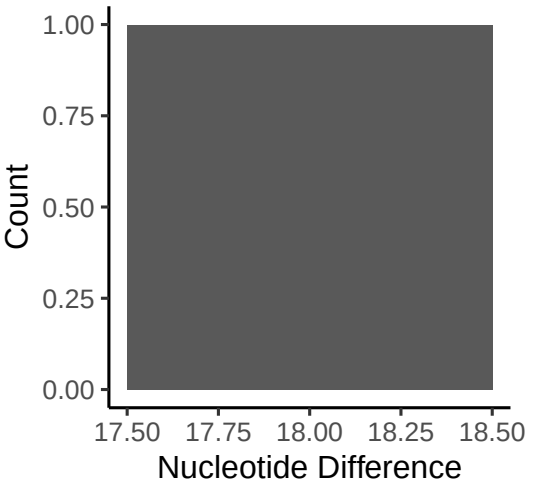
IGHV4−59*11

720 sequences assigned
No exact matches.



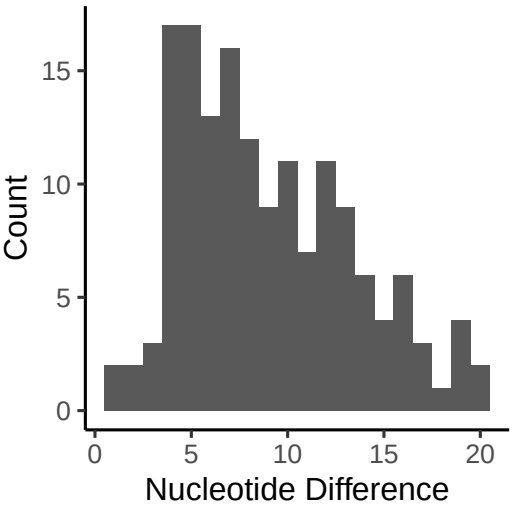
IGHV4/OR15−8*01

2 sequences assigned
No exact matches.



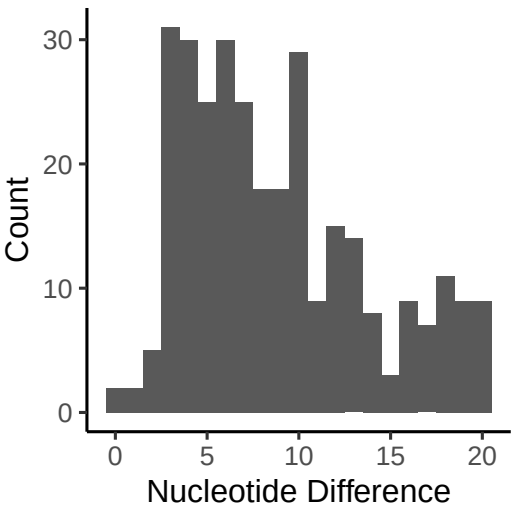
IGHV5−51*07

177 sequences assigned
No exact matches.



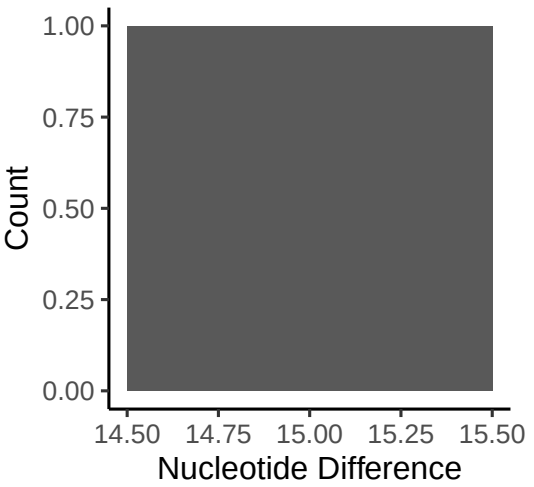
IGHV4−61*01

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



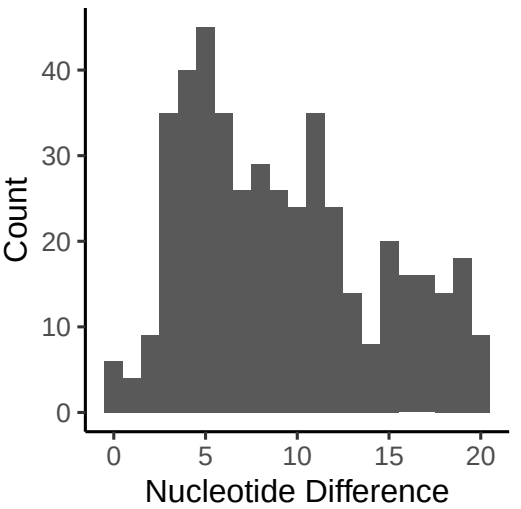
IGHV4/OR15−8*02

7 sequences assigned
No exact matches.



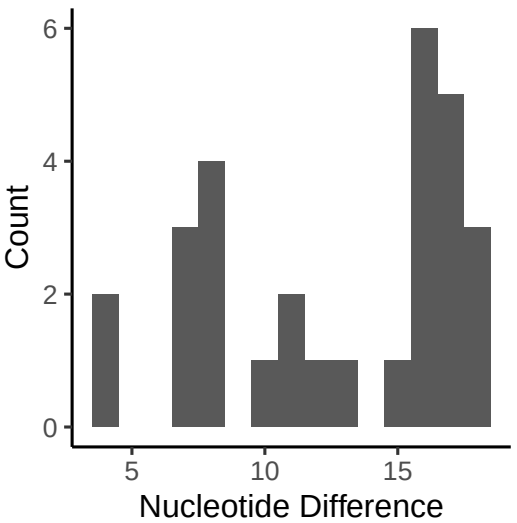
IGHV5−51*01_03

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



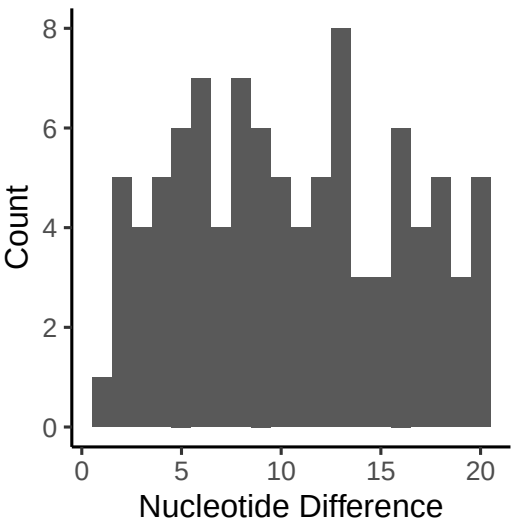
IGHV4−61*08

58 sequences assigned
No exact matches.



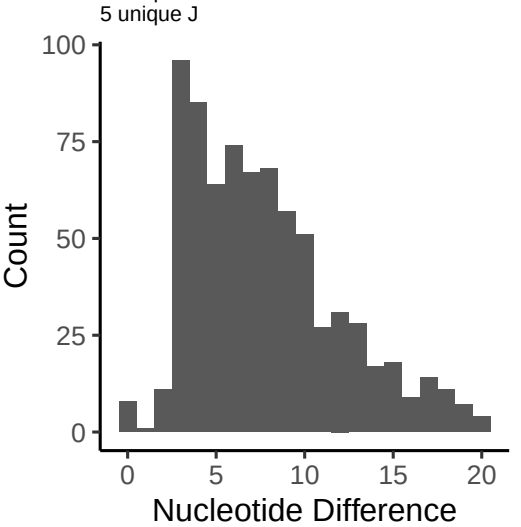
IGHV5−10−1*01_03

123 sequences assigned
No exact matches.



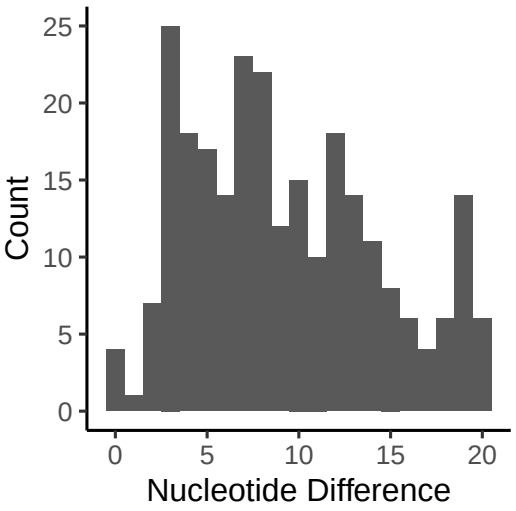
IGHV6−1*01_02

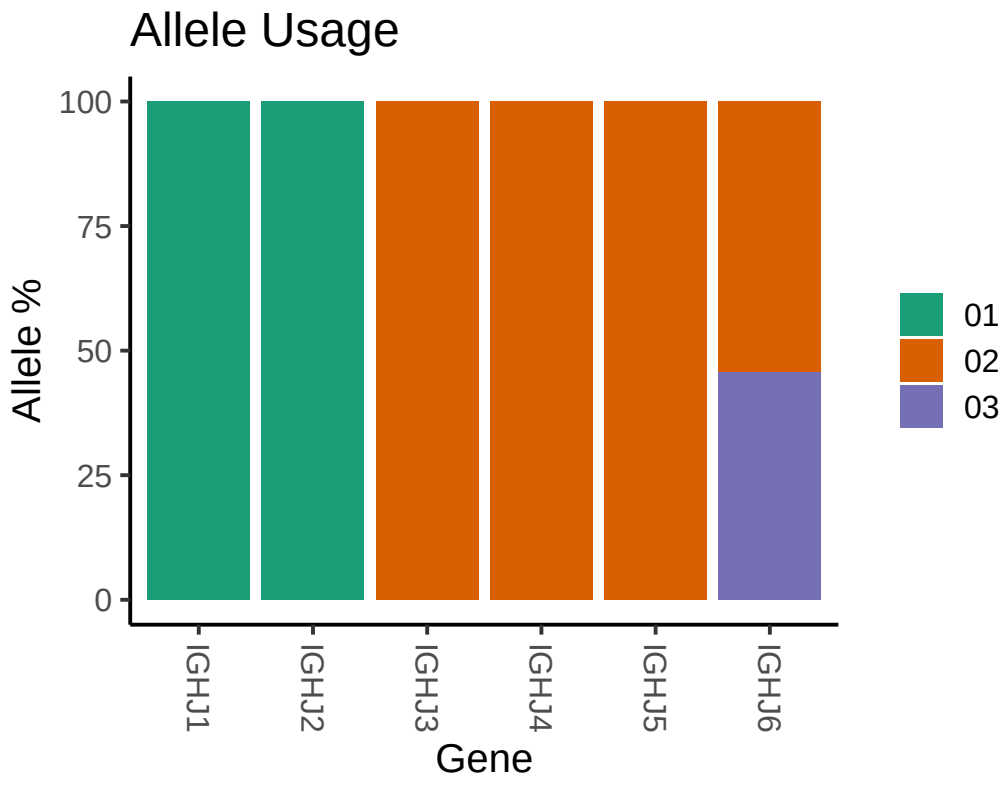
818 sequences assigned
8 (1%) exact matches, in which:
8 unique CDR3
5 unique J



IGHV7−4−1*02

327 sequences assigned
4 (1.2%) exact matches, in which:
4 unique CDR3
2 unique J




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.