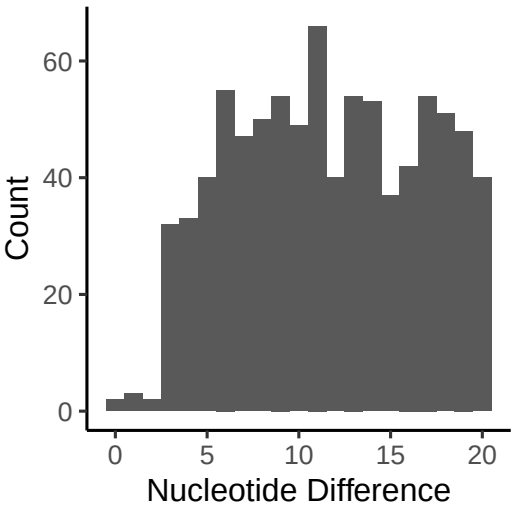
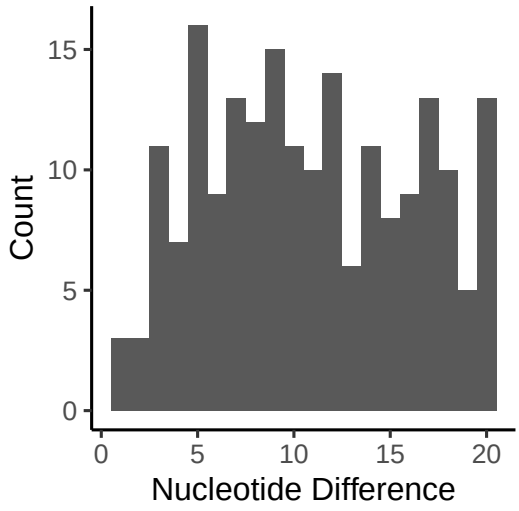
IGHV1−2*02

1104 sequences assigned
2 (0.2%) exact matches, in which:
2 unique CDR3
1 unique J



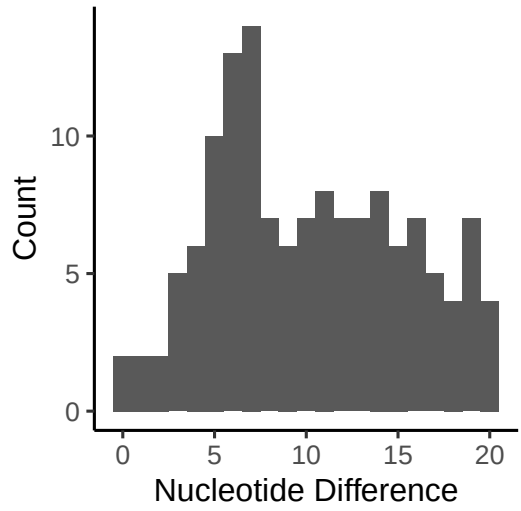
IGHV1−3*01_05

235 sequences assigned
No exact matches.



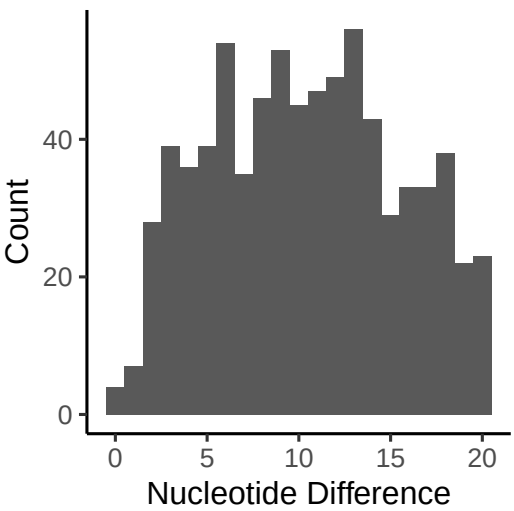
IGHV1−24*01

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



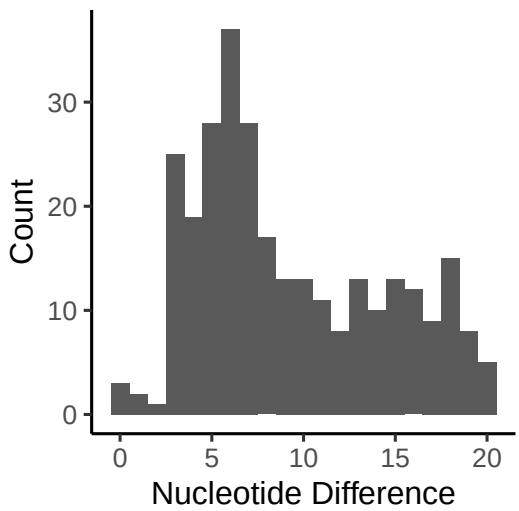
IGHV1−2*06

997 sequences assigned
4 (0.4%) exact matches, in which:
3 unique CDR3
2 unique J



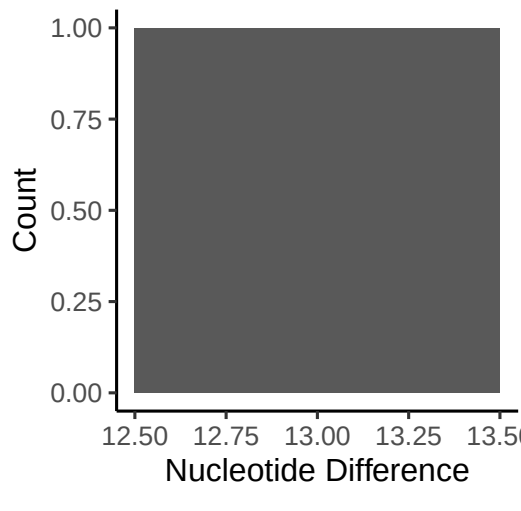
IGHV1−8*01

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



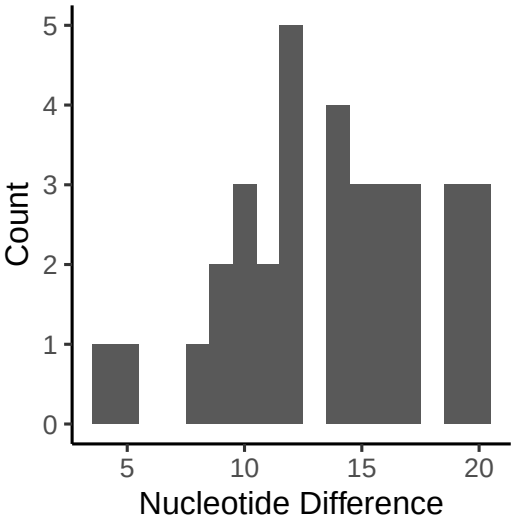
IGHV1−45*02

3 sequences assigned
No exact matches.



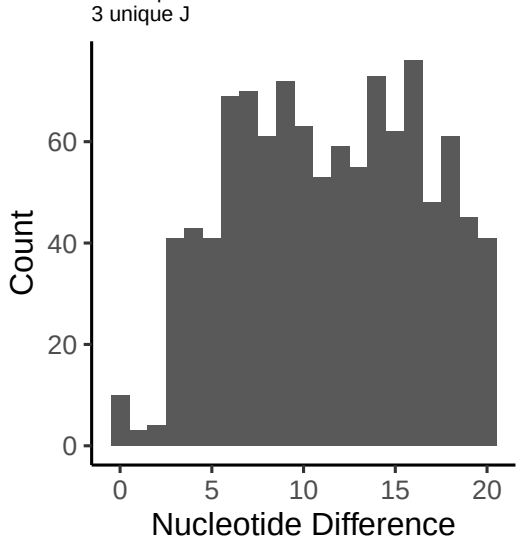
IGHV1−3*04

49 sequences assigned
No exact matches.



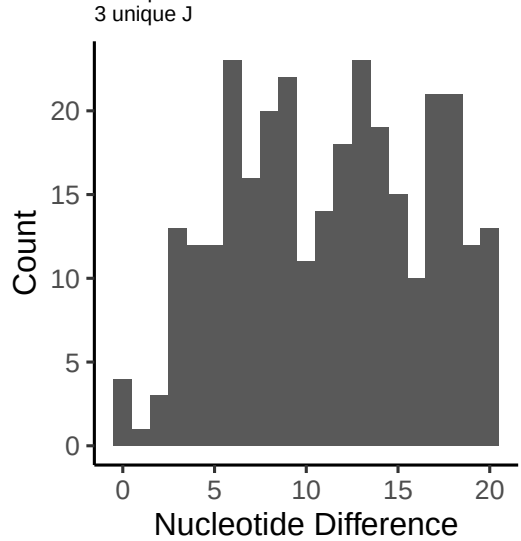
IGHV1−18*01

1428 sequences assigned
10 (0.7%) exact matches, in which:
10 unique CDR3
3 unique J



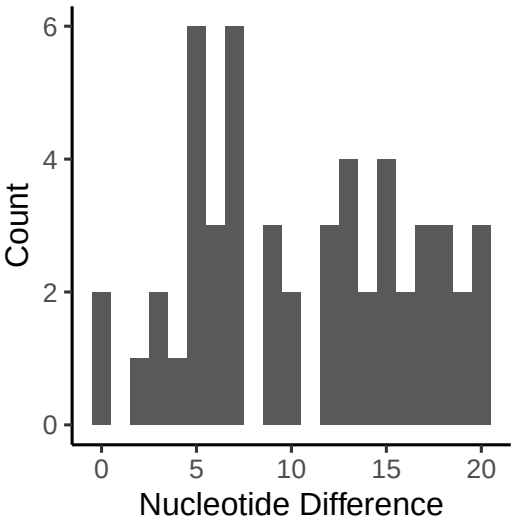
IGHV1−46*01

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



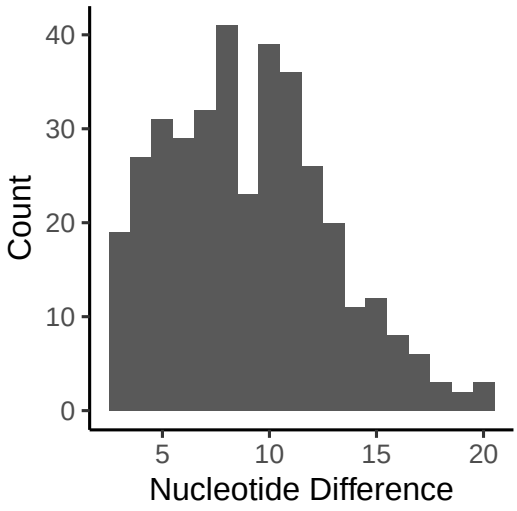
IGHV1−58*01_03

72 sequences assigned
2 (2.8%) exact matches, in which:
2 unique CDR3
2 unique J



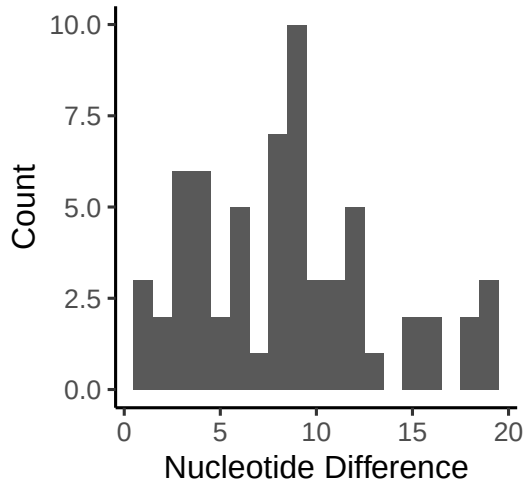
IGHV2−5*01

400 sequences assigned
No exact matches.



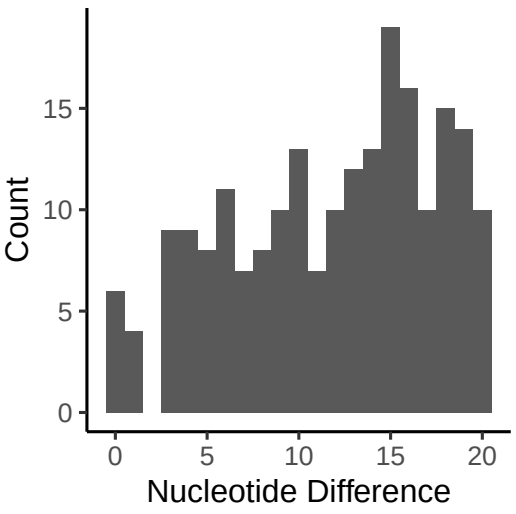
IGHV2−70*01

76 sequences assigned
No exact matches.



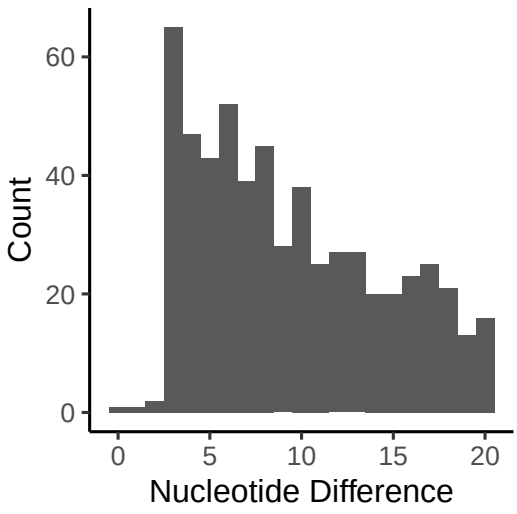
IGHV1−69*01_12_13

426 sequences assigned
6 (1.4%) exact matches, in which:
5 unique CDR3
1 unique J



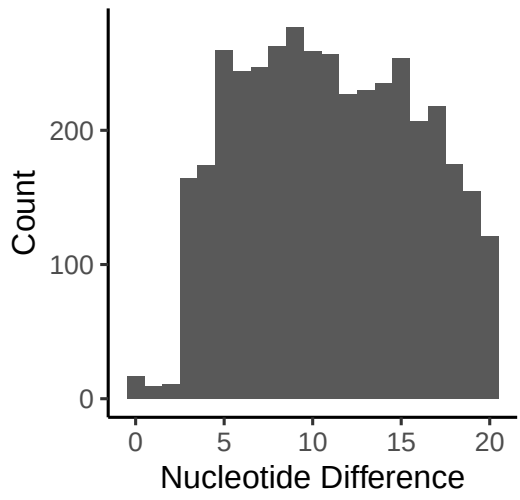
IGHV2−5*02

707 sequences assigned
1 (0.1%) exact matches, in which:
1 unique CDR3
1 unique J



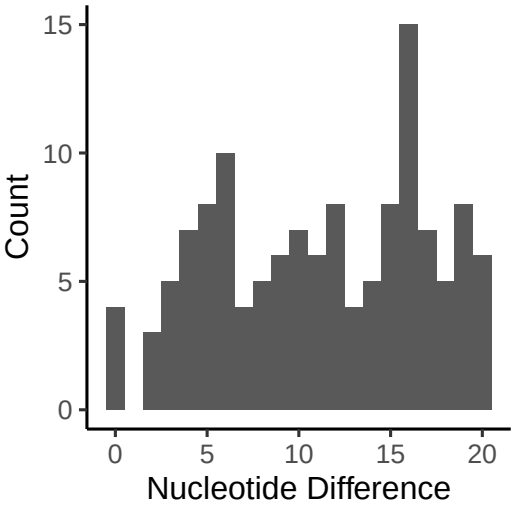
IGHV3−7*01

4646 sequences assigned
17 (0.4%) exact matches, in which:
12 unique CDR3
4 unique J



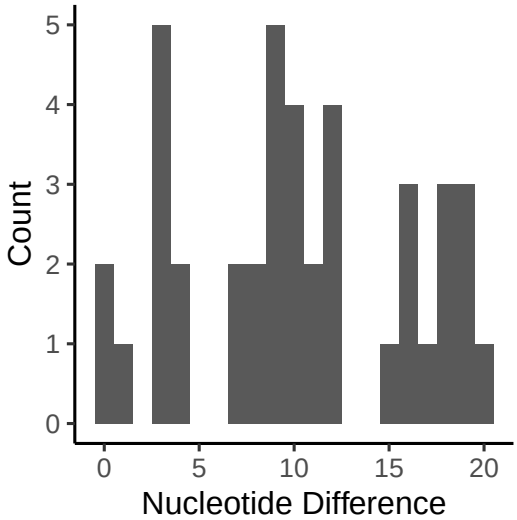
IGHV1−69*06_14

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



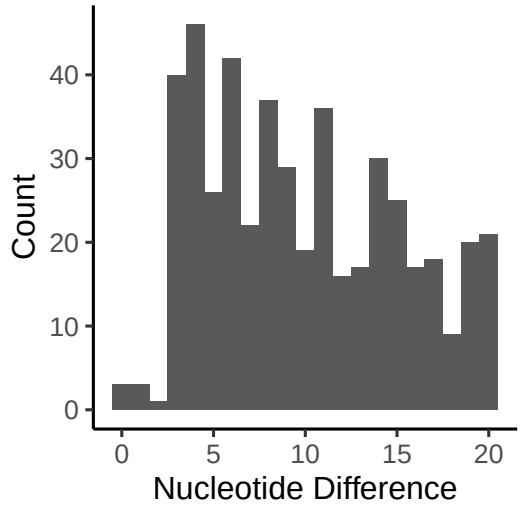
IGHV2−26*01

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



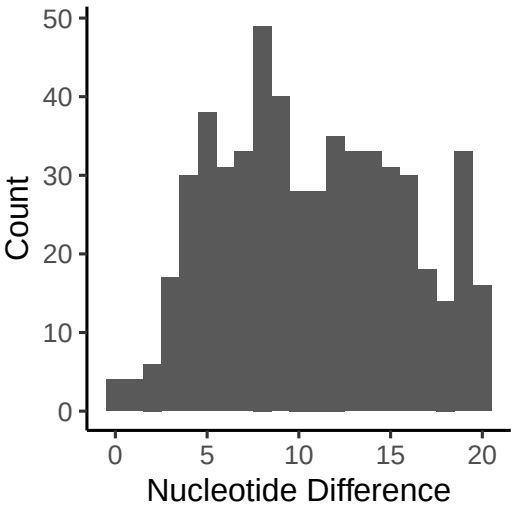
IGHV3−9*01

581 sequences assigned
3 (0.5%) exact matches, in which:
3 unique CDR3
2 unique J



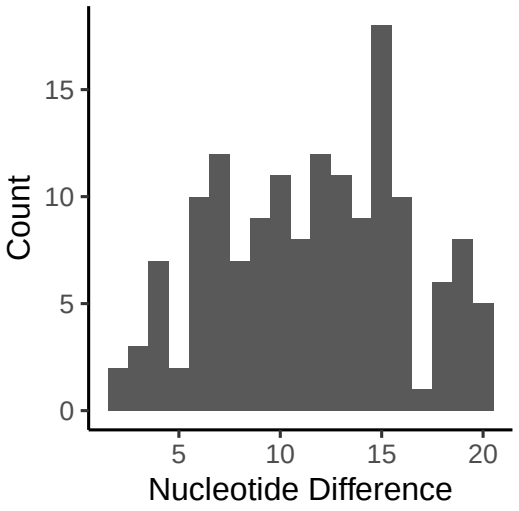
IGHV3−11*01

766 sequences assigned
4 (0.5%) exact matches, in which:
2 unique CDR3
2 unique J



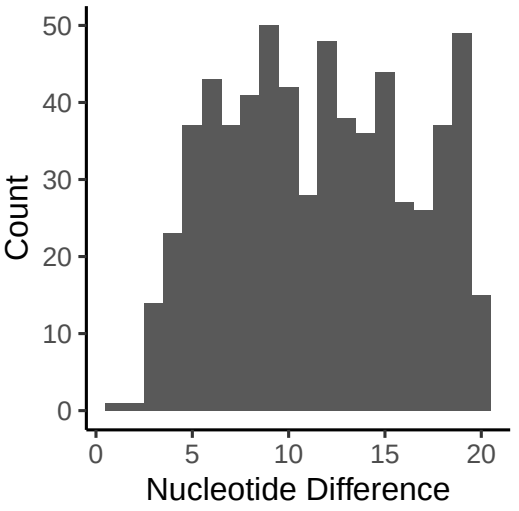
IGHV3−13*01

211 sequences assigned
No exact matches.



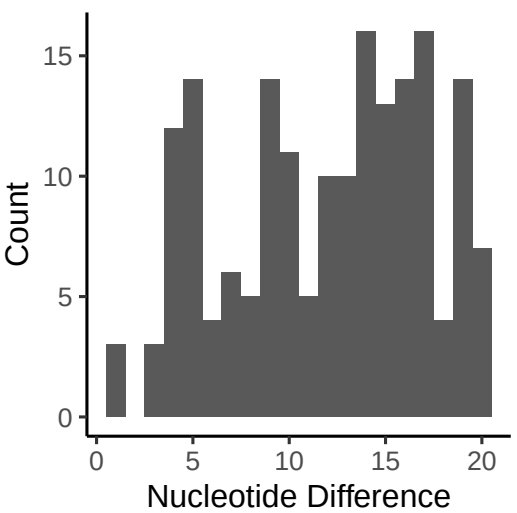
IGHV3−15*01_02

754 sequences assigned
No exact matches.



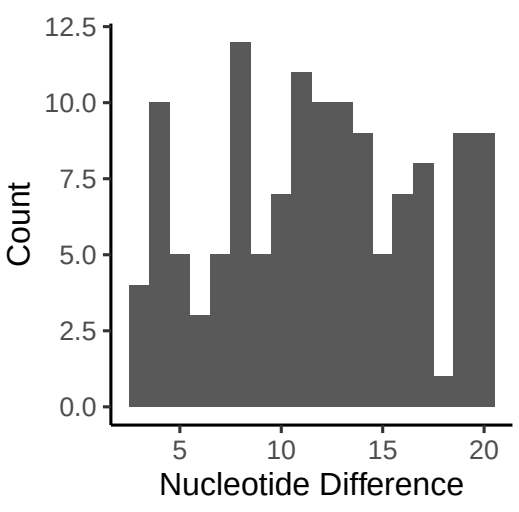
IGHV3−11*06

229 sequences assigned
No exact matches.



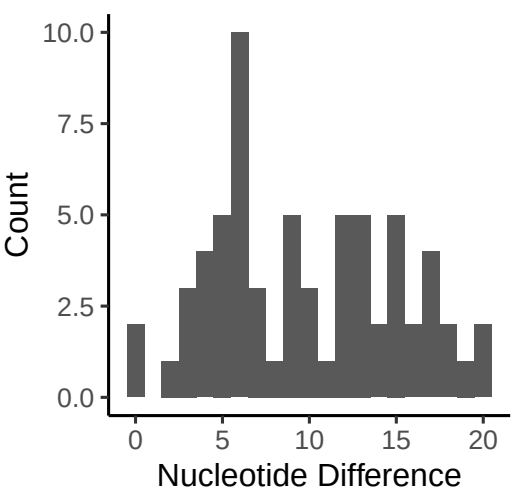
IGHV3−13*04

154 sequences assigned
No exact matches.



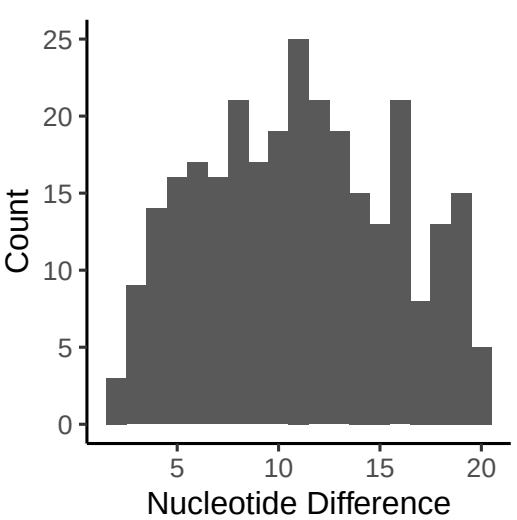
IGHV3−20*01_02

74 sequences assigned
2 (2.7%) exact matches, in which:
2 unique CDR3
1 unique J



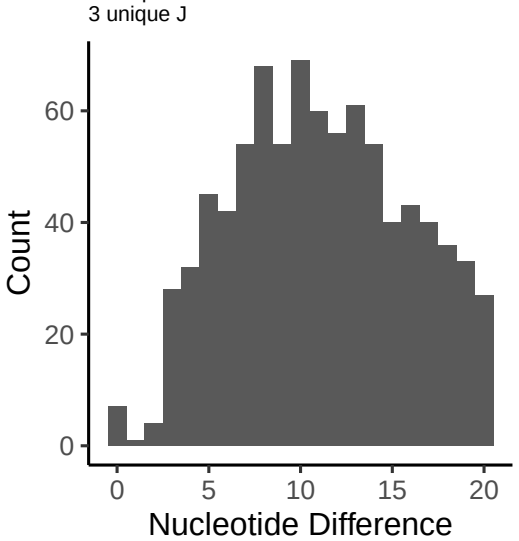
IGHV3−11*03_05

396 sequences assigned
No exact matches.



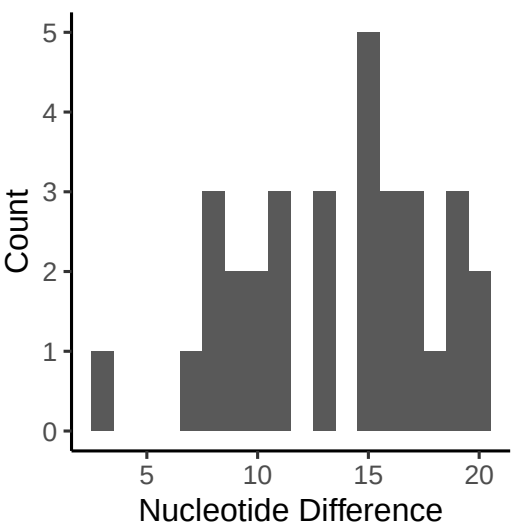
IGHV3−15*07

1040 sequences assigned
7 (0.7%) exact matches, in which:
5 unique CDR3
3 unique J



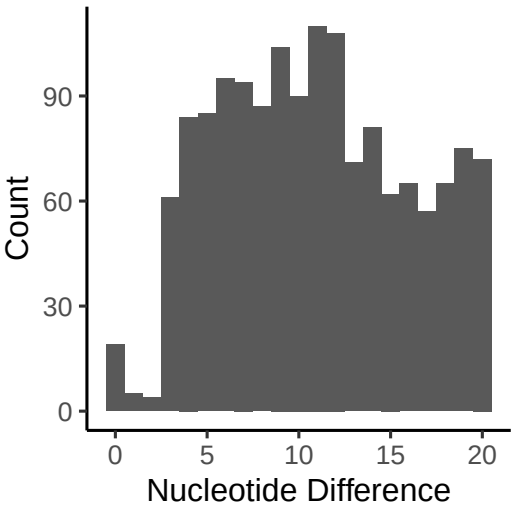
IGHV3−20*03_04

50 sequences assigned
No exact matches.



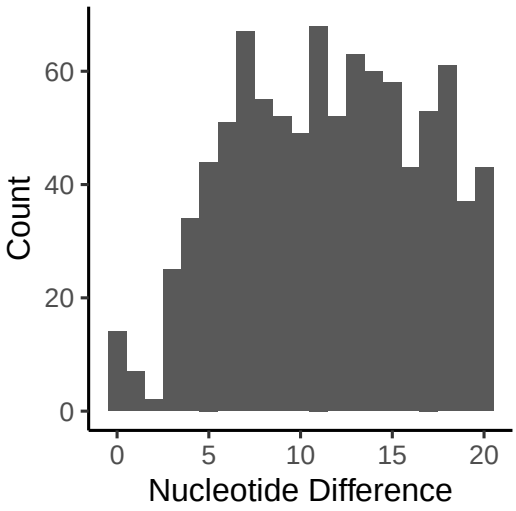
IGHV3−21*01_02

1965 sequences assigned
19 (1%) exact matches, in which:
9 unique CDR3
3 unique J



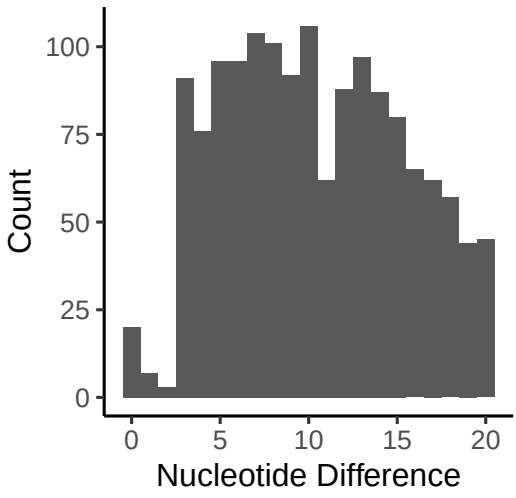
IGHV3−33*01

1252 sequences assigned
14 (1.1%) exact matches, in which:
9 unique CDR3
2 unique J



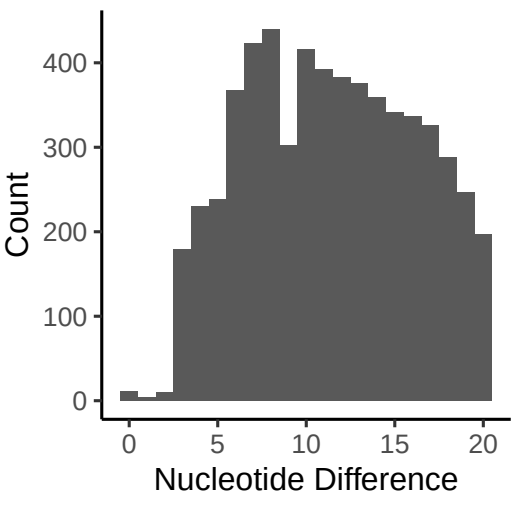
IGHV3−48*02

1906 sequences assigned
20 (1%) exact matches, in which:
9 unique CDR3
4 unique J



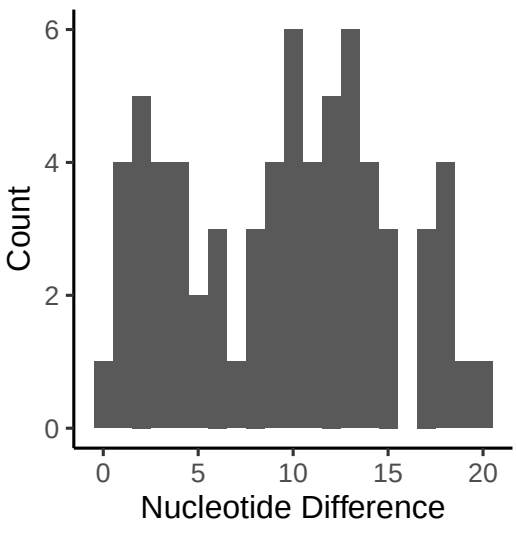
IGHV3−23*01_04

7417 sequences assigned
11 (0.1%) exact matches, in which:
7 unique CDR3
3 unique J



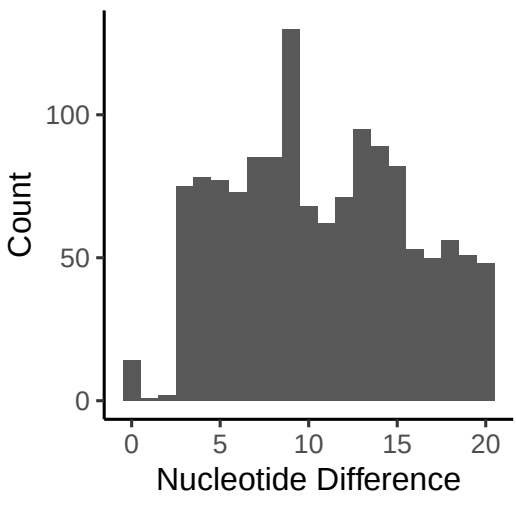
IGHV3−43*01

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



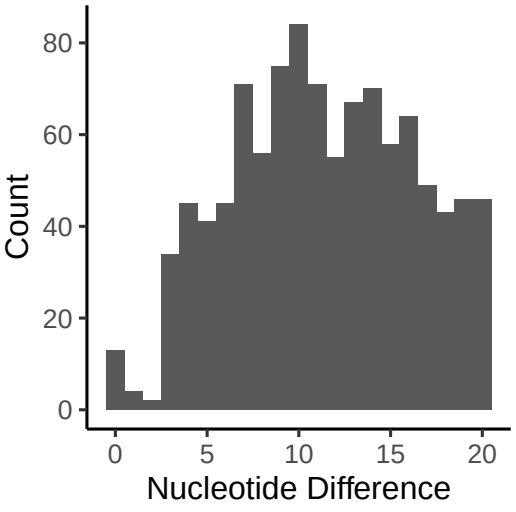
IGHV3−48*03

1667 sequences assigned
14 (0.8%) exact matches, in which:
7 unique CDR3
3 unique J



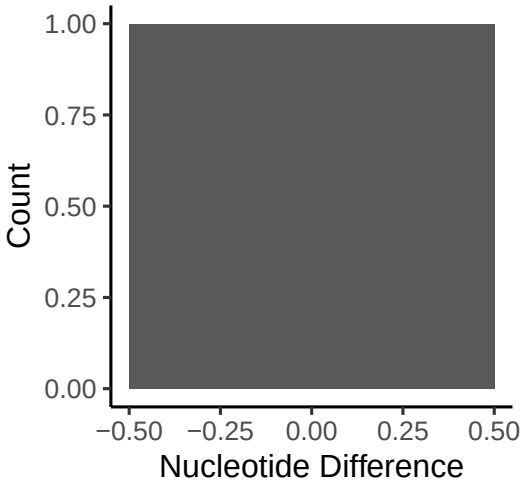
IGHV3−30−3*01

1358 sequences assigned
13 (1%) exact matches, in which:
8 unique CDR3
3 unique J



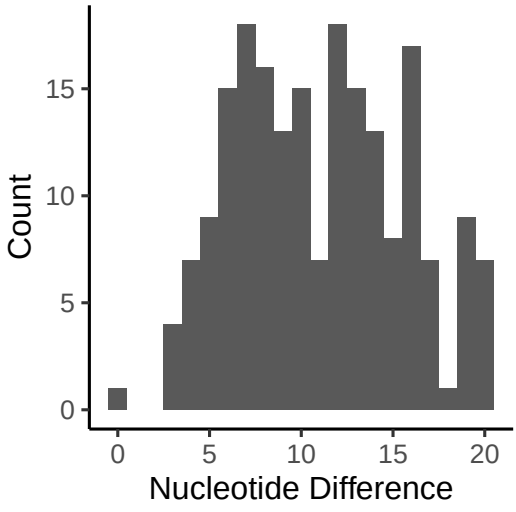
IGHV3−47*02

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



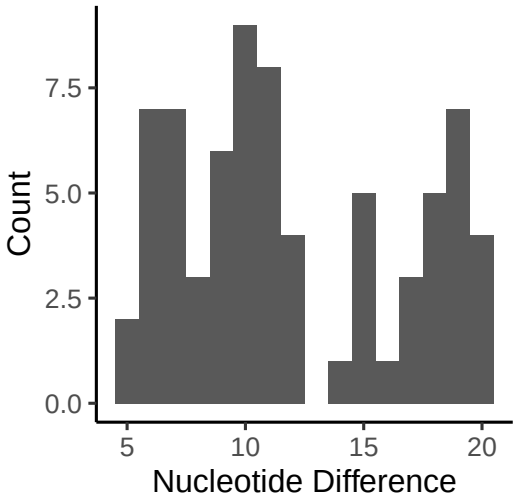
IGHV3−49*04

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



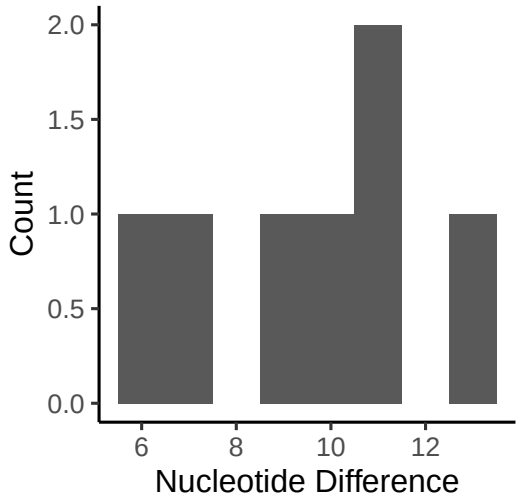
IGHV3−49*03_05

87 sequences assigned
No exact matches.



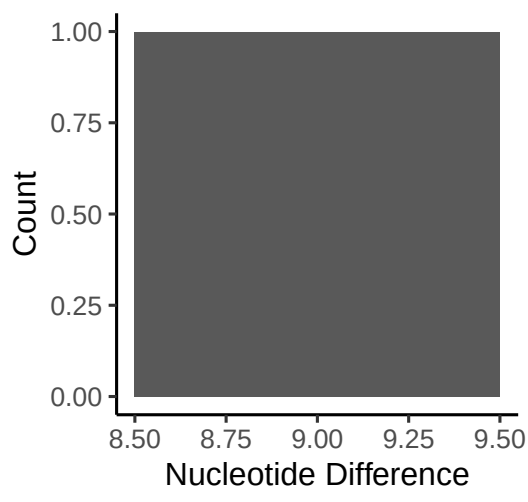
IGHV3−64*05

8 sequences assigned
No exact matches.



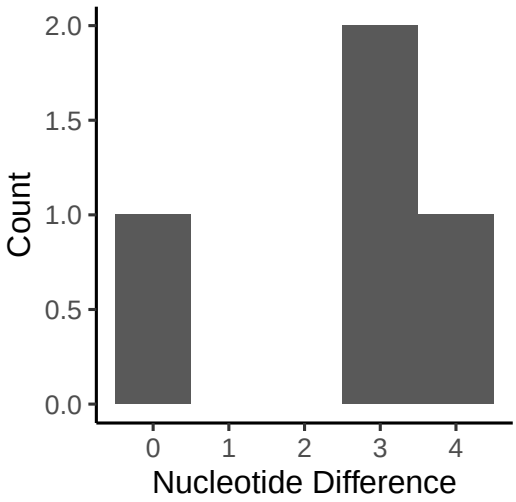
IGHV3−66*03

2 sequences assigned
No exact matches.



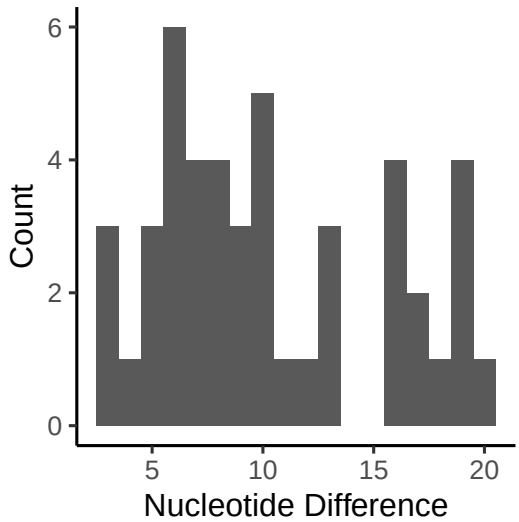
IGHV3−52*01_03

4 sequences assigned
1 (25%) exact matches, in which:
1 unique CDR3
1 unique J



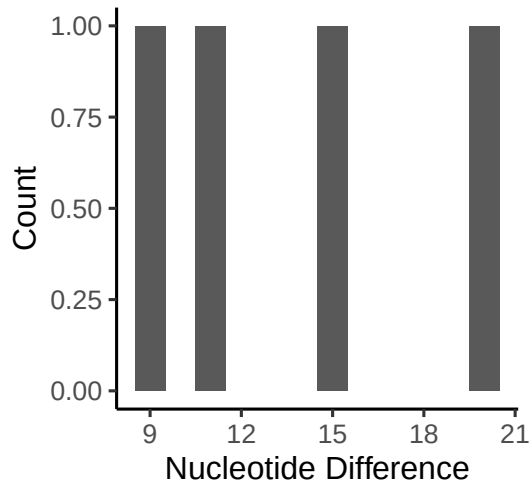
IGHV3−64*02_07

51 sequences assigned
No exact matches.



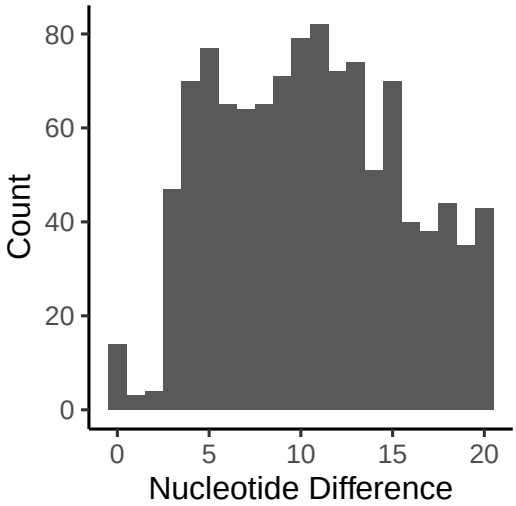
IGHV3−66*04

5 sequences assigned
No exact matches.



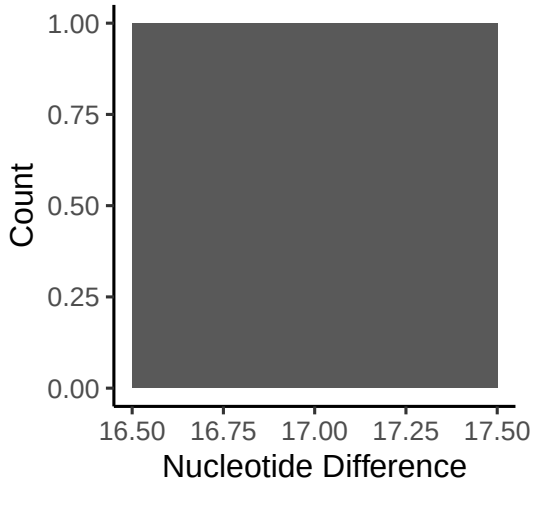
IGHV3−53*01_02

1311 sequences assigned
14 (1.1%) exact matches, in which:
8 unique CDR3
2 unique J



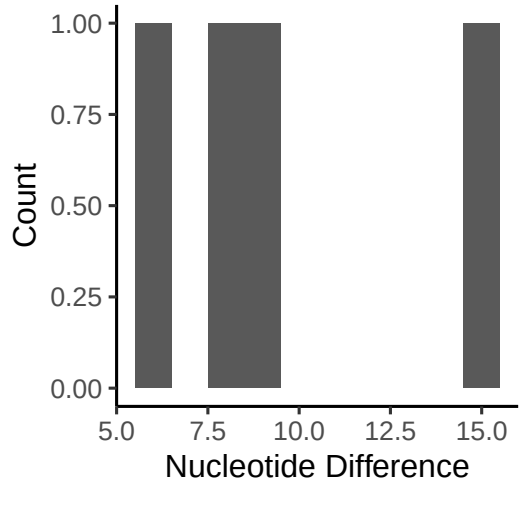
IGHV3−66*01

1 sequences assigned
No exact matches.



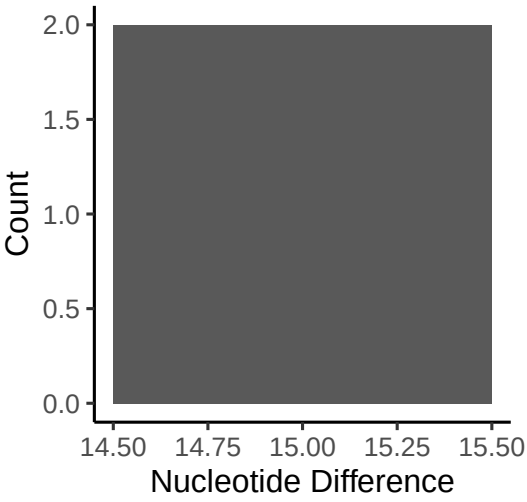
IGHV3−69−1*01

17 sequences assigned
No exact matches.



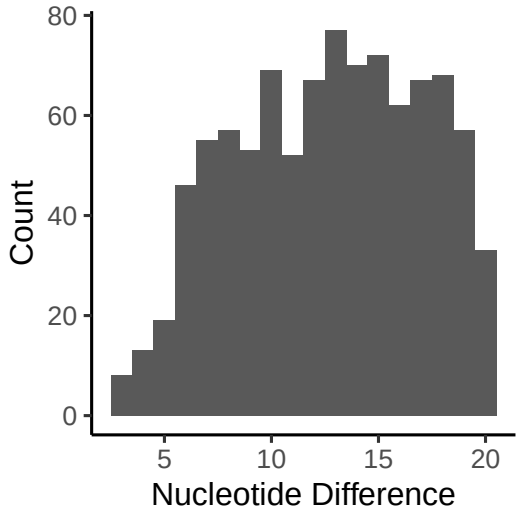
IGHV3−69−1*02

7 sequences assigned
No exact matches.



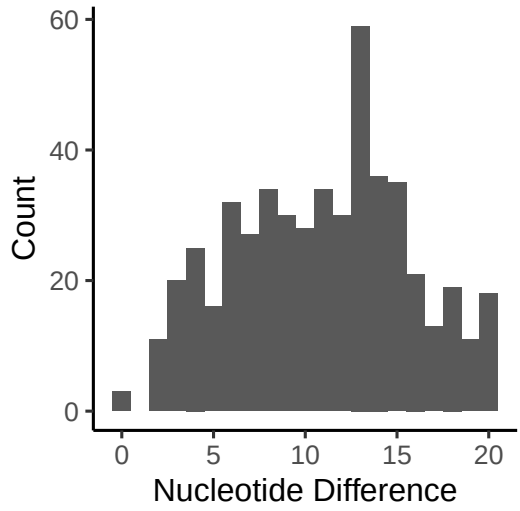
IGHV3−74*03

1165 sequences assigned
No exact matches.



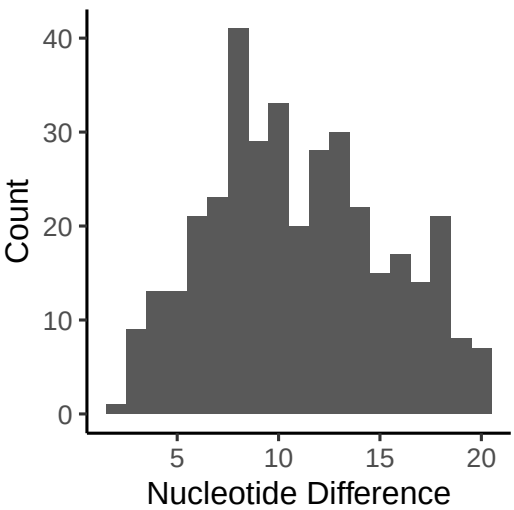
IGHV3−64D*09

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



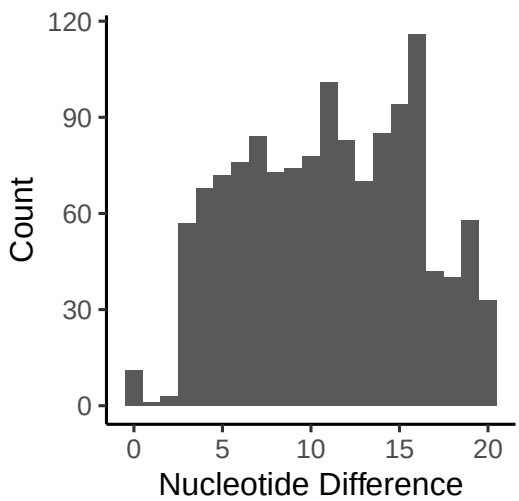
IGHV3−72*01

415 sequences assigned
No exact matches.



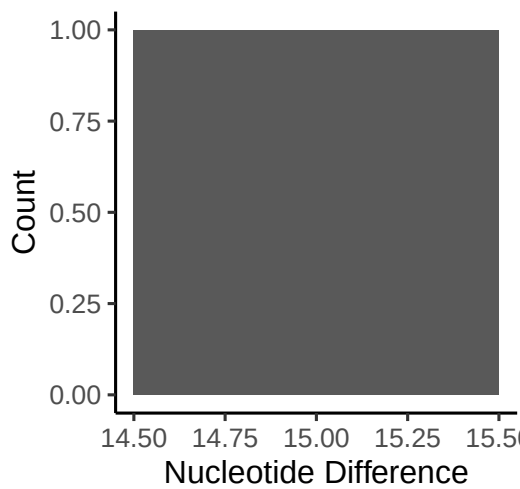
IGHV3−74*01_02

1624 sequences assigned
11 (0.7%) exact matches, in which:
6 unique CDR3
4 unique J



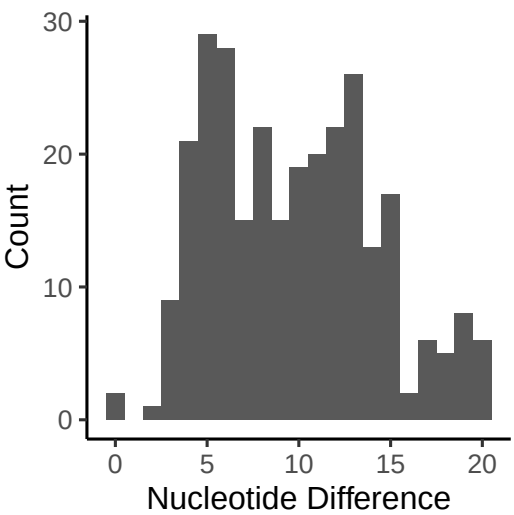
IGHV3−NL1*01

4 sequences assigned
No exact matches.



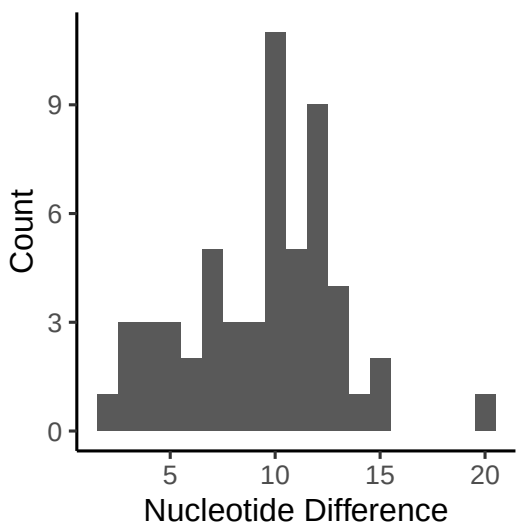
IGHV3−73*01_02

370 sequences assigned
2 (0.5%) exact matches, in which:
1 unique CDR3
1 unique J



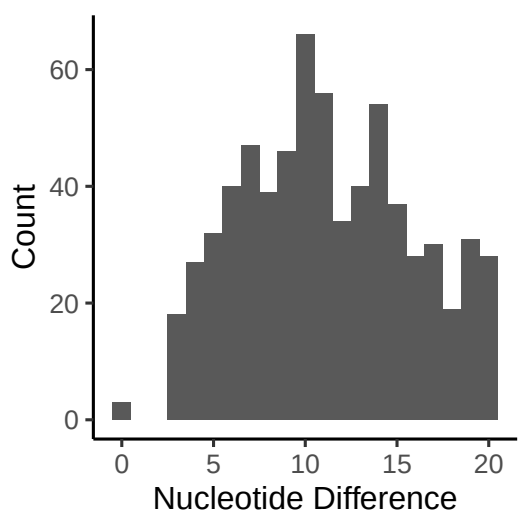
IGHV3−43D*04

68 sequences assigned
No exact matches.



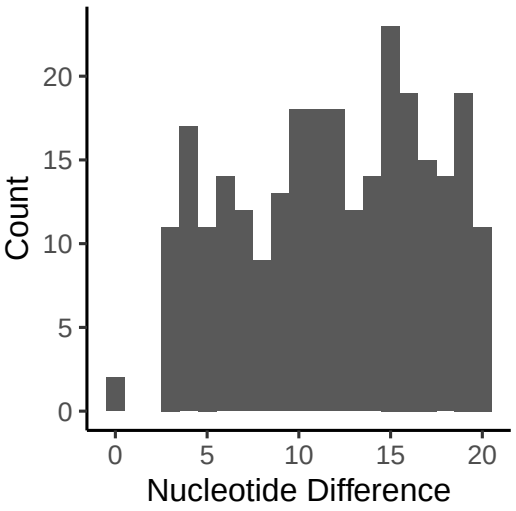
IGHV4−4*07

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



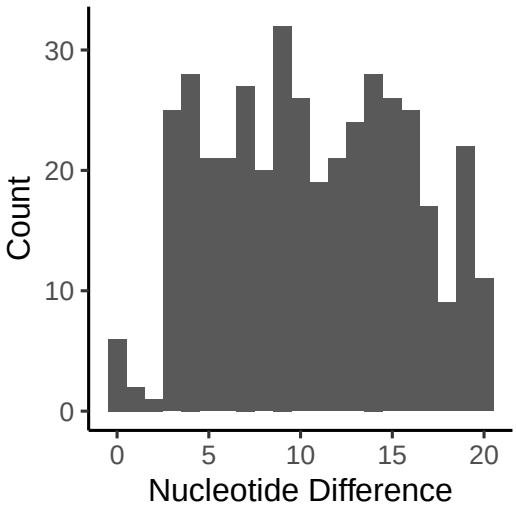
IGHV4−4*02_03

407 sequences assigned
2 (0.5%) exact matches, in which:
2 unique CDR3
2 unique J



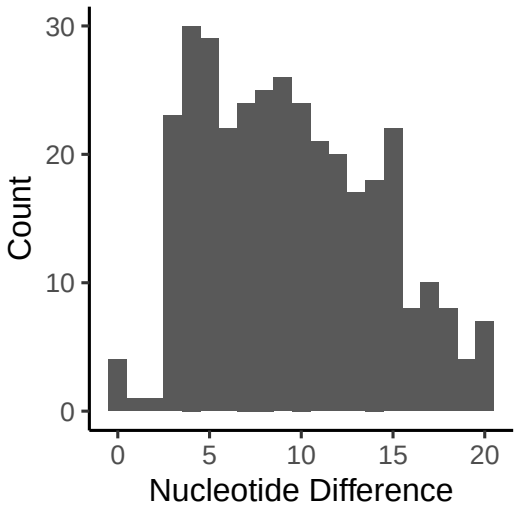
IGHV4−30−4*01

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



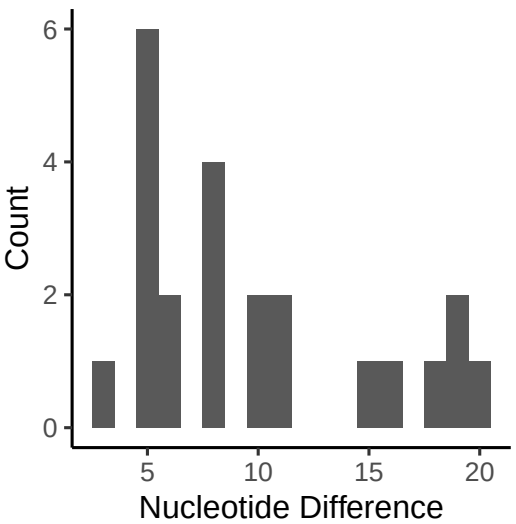
IGHV4−38−2*01

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



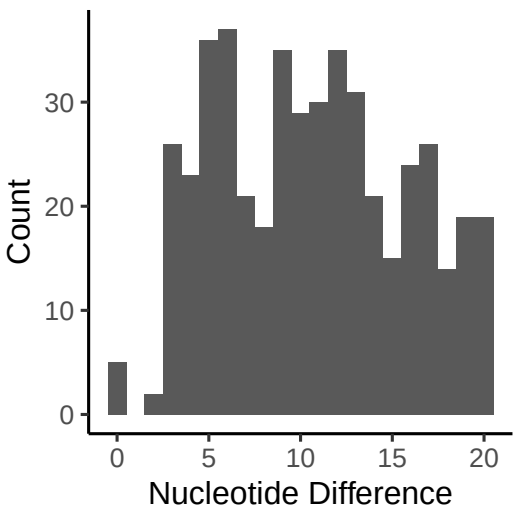
IGHV4−28*01_07

26 sequences assigned
No exact matches.



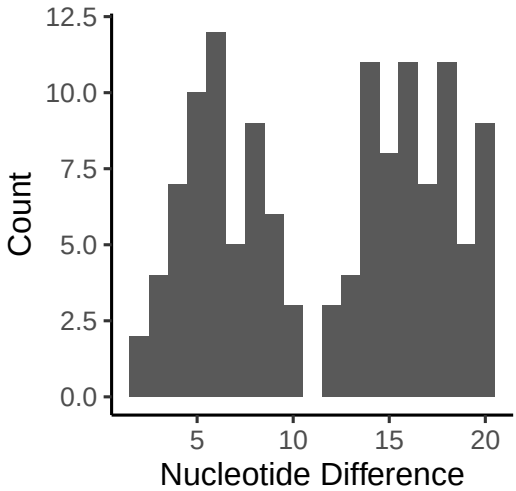
IGHV4−31*02

712 sequences assigned
5 (0.7%) exact matches, in which:
4 unique CDR3
2 unique J



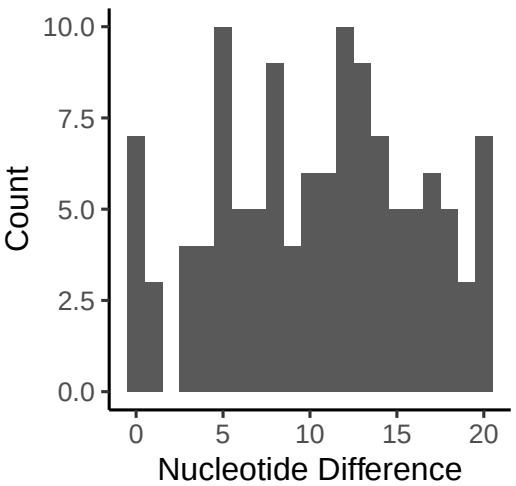
IGHV4−38−2*02

178 sequences assigned
No exact matches.



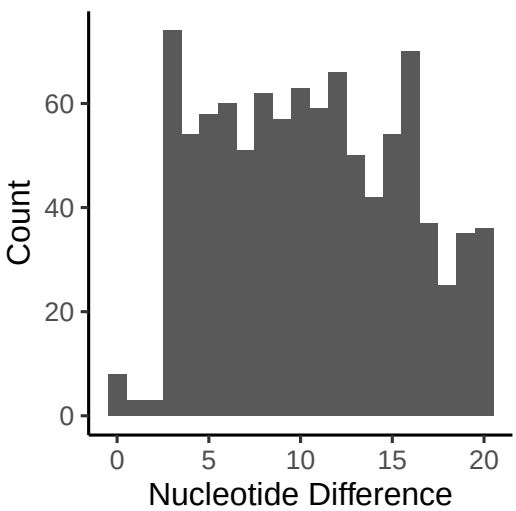
IGHV4−30−2*01

196 sequences assigned
7 (3.6%) exact matches, in which:
5 unique CDR3
3 unique J



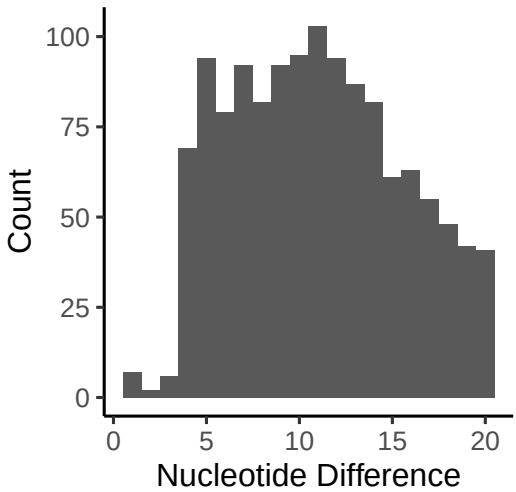
IGHV4−34*01_02

1299 sequences assigned
8 (0.6%) exact matches, in which:
5 unique CDR3
4 unique J



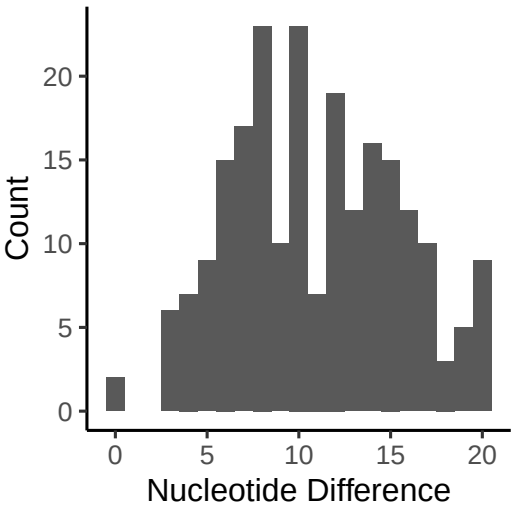
IGHV4−39*02

1639 sequences assigned
No exact matches.



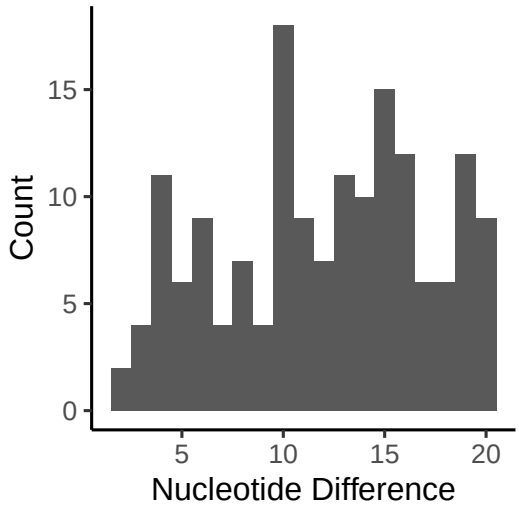
IGHV4−39*01_05

278 sequences assigned
2 (0.7%) exact matches, in which:
2 unique CDR3
1 unique J



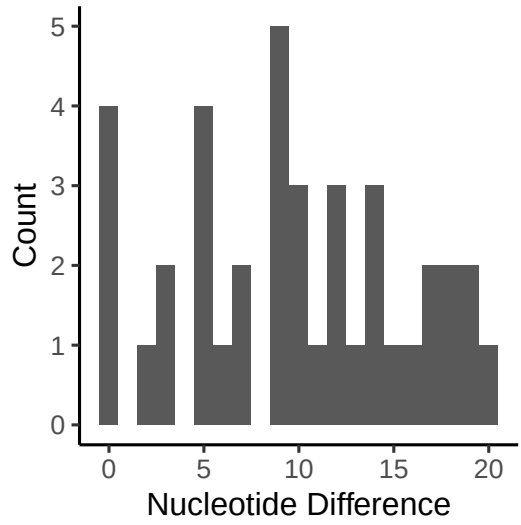
IGHV4−59*11

238 sequences assigned
No exact matches.



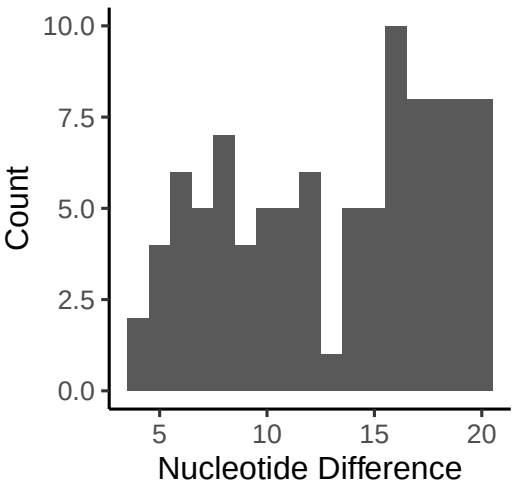
IGHV5−10−1*01_03

63 sequences assigned
4 (6.3%) exact matches, in which:
4 unique CDR3
2 unique J



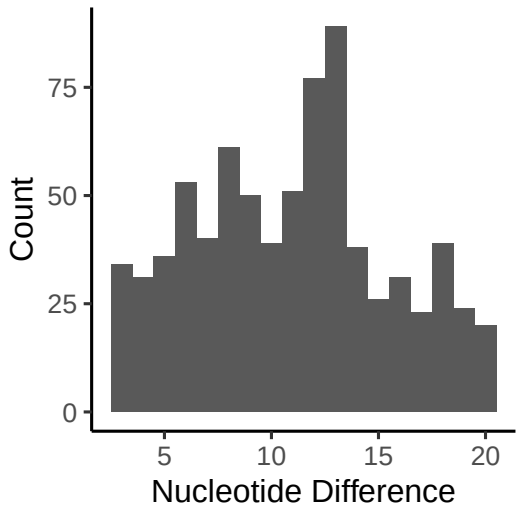
IGHV4−59*02

152 sequences assigned
No exact matches.



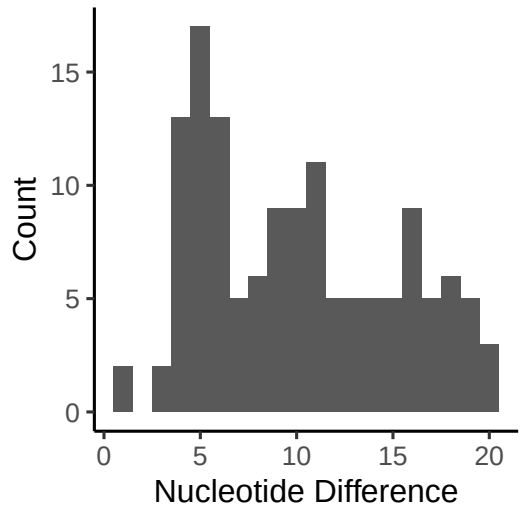
IGHV4−61*01

914 sequences assigned
No exact matches.



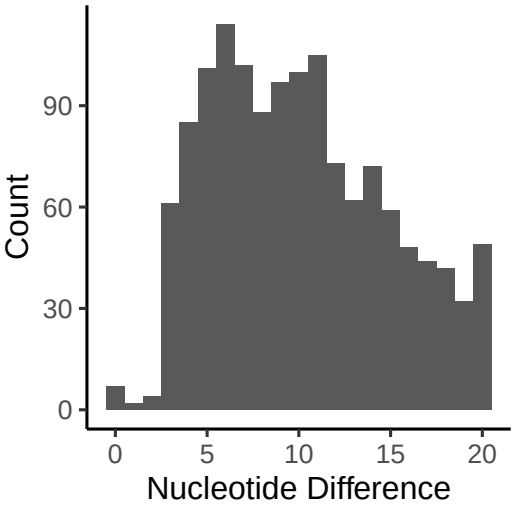
IGHV5−51*07

170 sequences assigned
No exact matches.



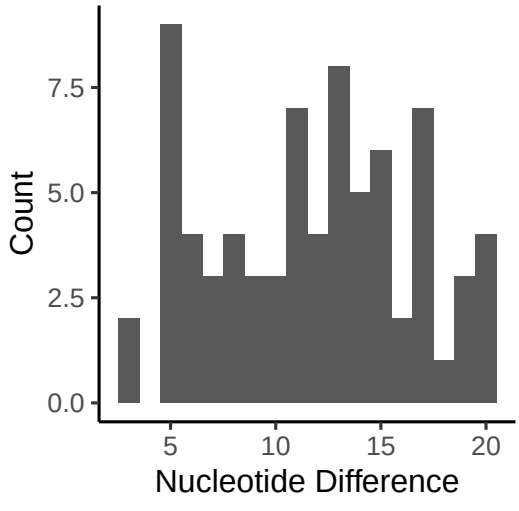
IGHV4−59*01_07

1603 sequences assigned
7 (0.4%) exact matches, in which:
7 unique CDR3
4 unique J



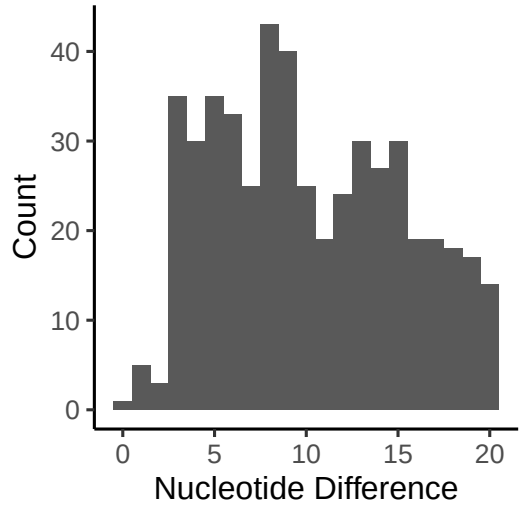
IGHV4−61*08

151 sequences assigned
No exact matches.



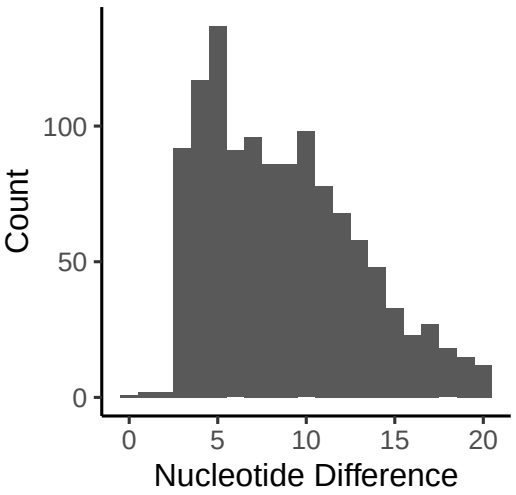
IGHV5−51*01_03

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



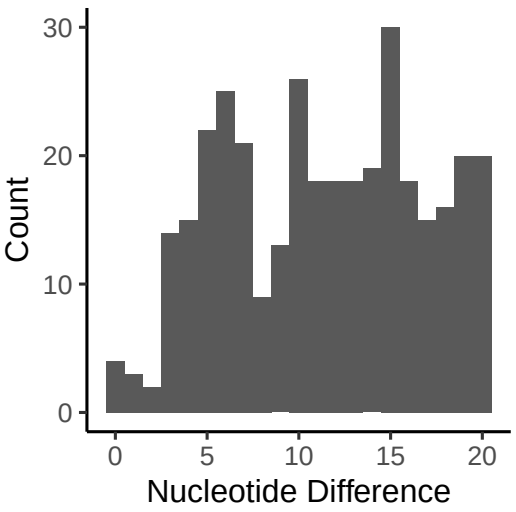
IGHV6−1*01_02

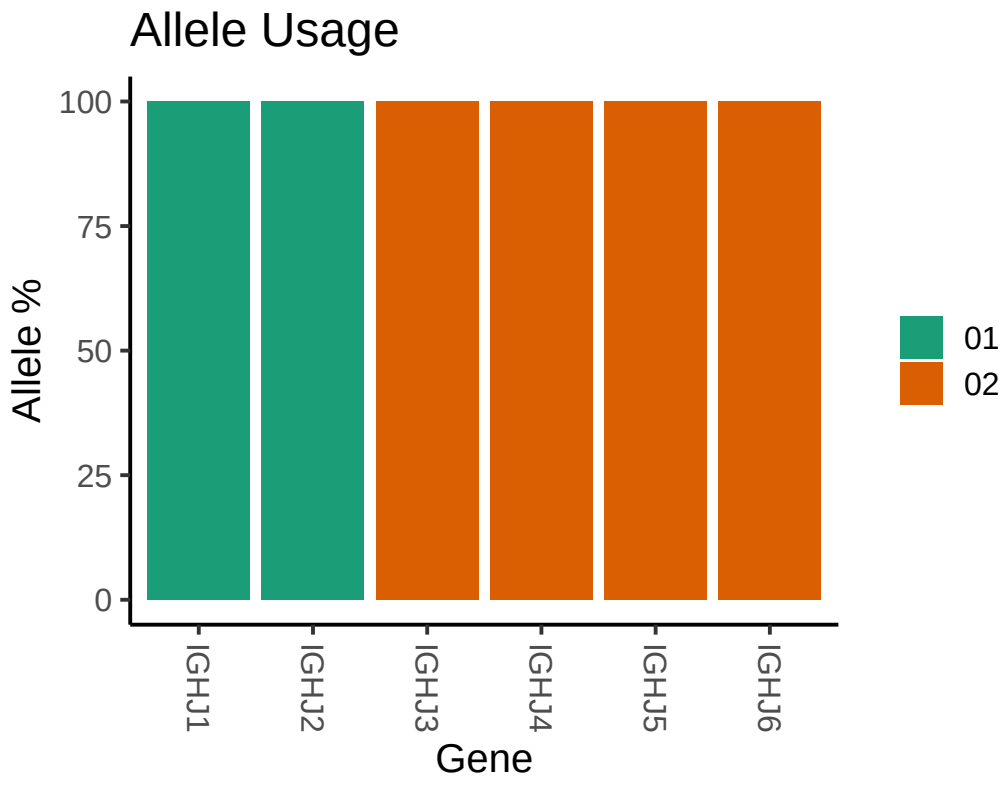
1229 sequences assigned
1 (0.1%) exact matches, in which:
1 unique CDR3
1 unique J



IGHV7−4−1*02

424 sequences assigned
4 (0.9%) 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

Warning − no inferred sequences found.