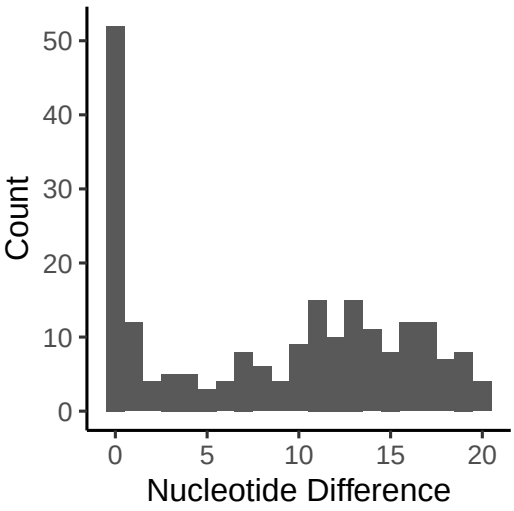
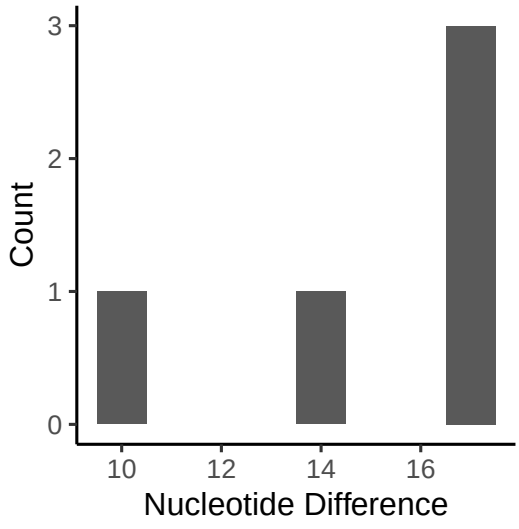
IGHV1−2*02

273 sequences assigned
52 (19%) exact matches, in which:
52 unique CDR3
5 unique J



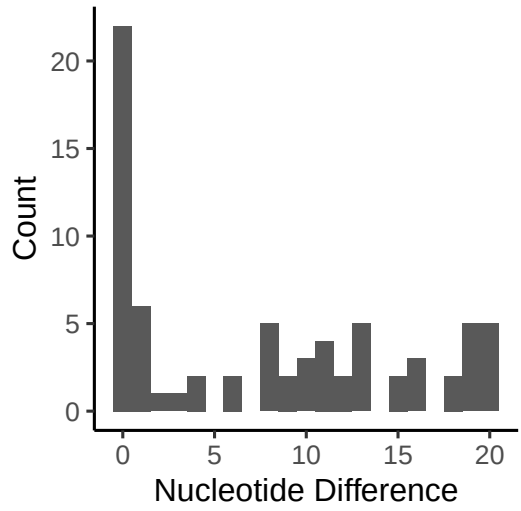
IGHV1−3*04

14 sequences assigned
No exact matches.



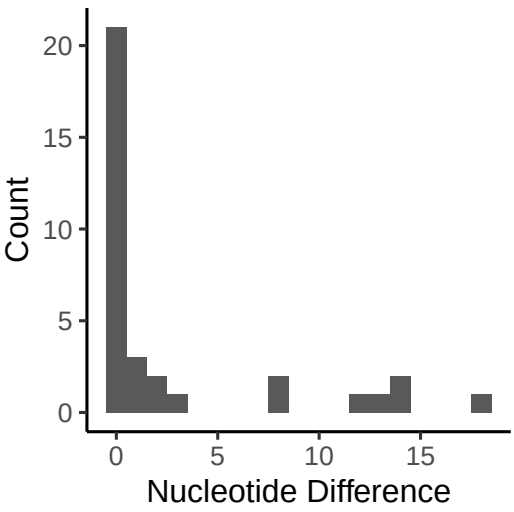
IGHV1−18*04

106 sequences assigned
22 (20.8%) exact matches, in which:
22 unique CDR3
4 unique J



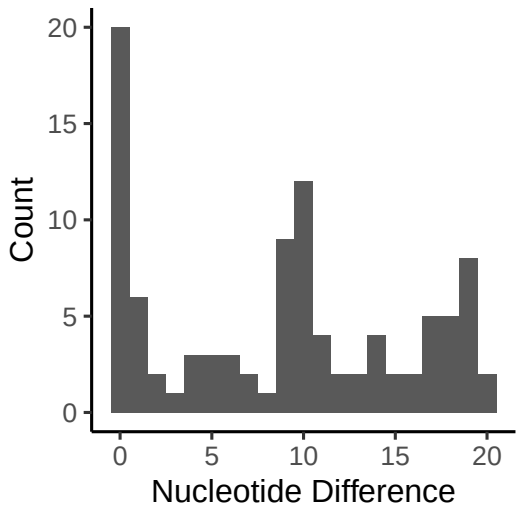
IGHV1−2*04

35 sequences assigned
21 (60%) exact matches, in which:
21 unique CDR3
4 unique J



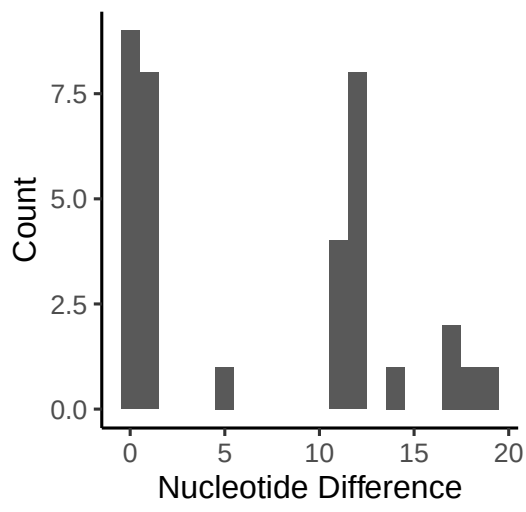
IGHV1−8*01

117 sequences assigned
20 (17.1%) exact matches, in which:
20 unique CDR3
4 unique J



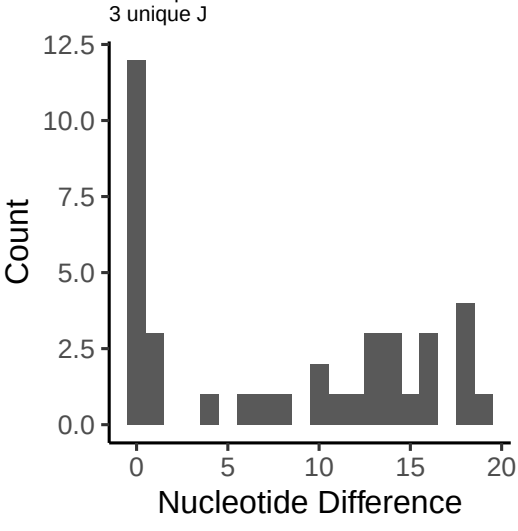
IGHV1−24*01

38 sequences assigned
9 (23.7%) exact matches, in which:
9 unique CDR3
4 unique J



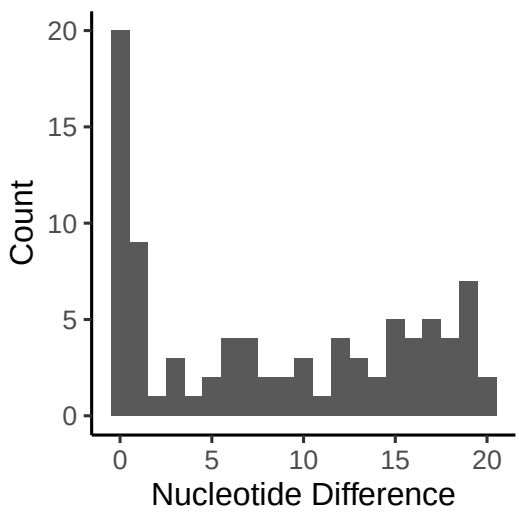
IGHV1−3*01

56 sequences assigned
12 (21.4%) exact matches, in which:
12 unique CDR3
3 unique J



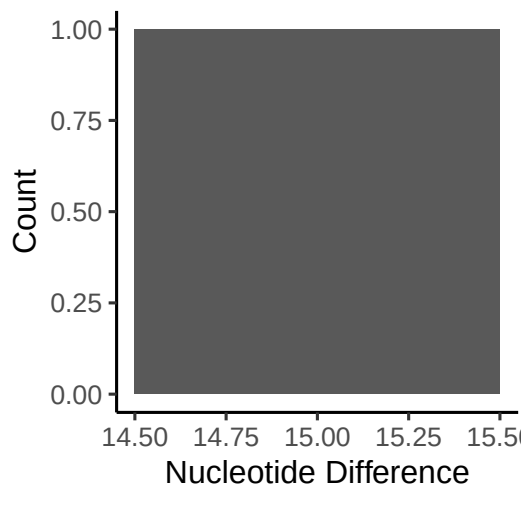
IGHV1−18*01

127 sequences assigned
20 (15.7%) exact matches, in which:
20 unique CDR3
4 unique J



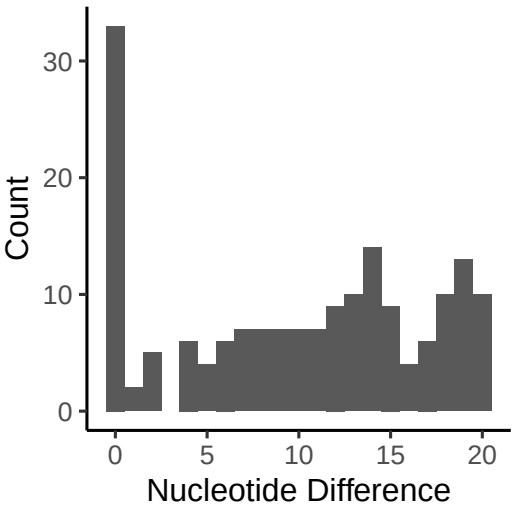
IGHV1−45*02

1 sequences assigned
No exact matches.



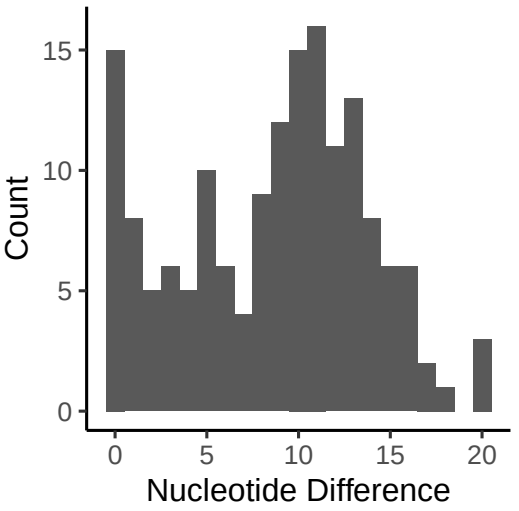
IGHV1−46*01

235 sequences assigned
33 (14%) exact matches, in which:
32 unique CDR3
4 unique J



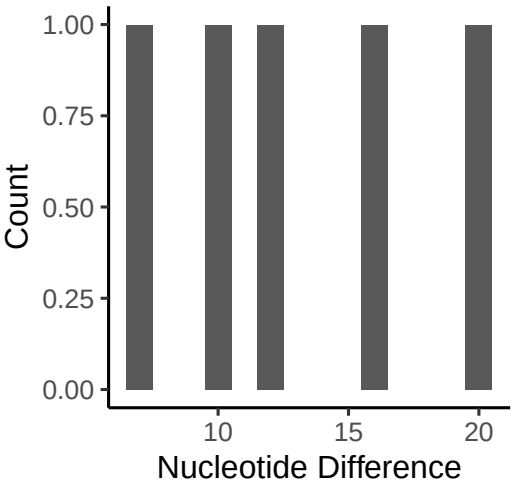
IGHV2−5*02

193 sequences assigned
15 (7.8%) exact matches, in which:
15 unique CDR3
3 unique J



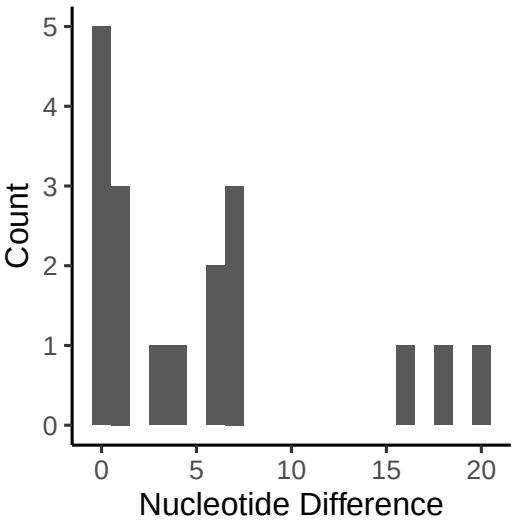
IGHV2−70*13

6 sequences assigned
No exact matches.



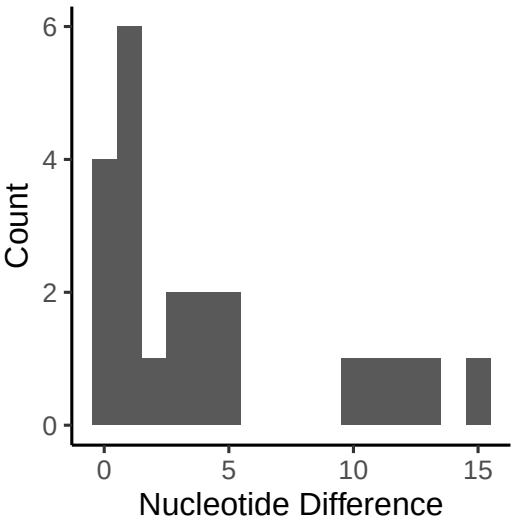
IGHV1−58*01

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



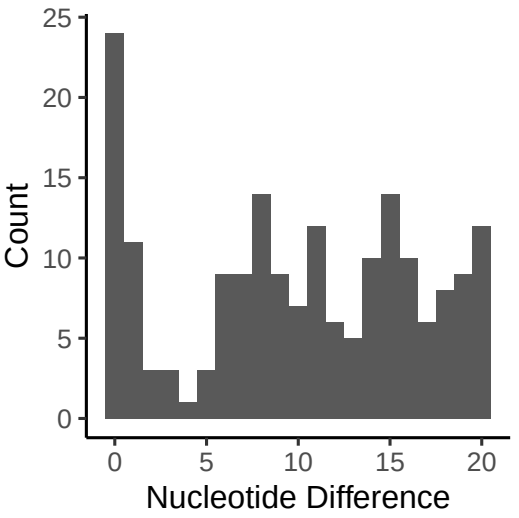
IGHV2−26*01

24 sequences assigned
4 (16.7%) exact matches, in which:
4 unique CDR3
2 unique J



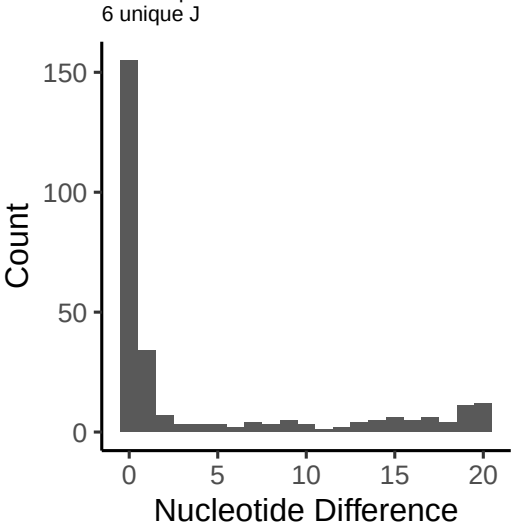
IGHV3−7*01

261 sequences assigned
24 (9.2%) exact matches, in which:
24 unique CDR3
5 unique J



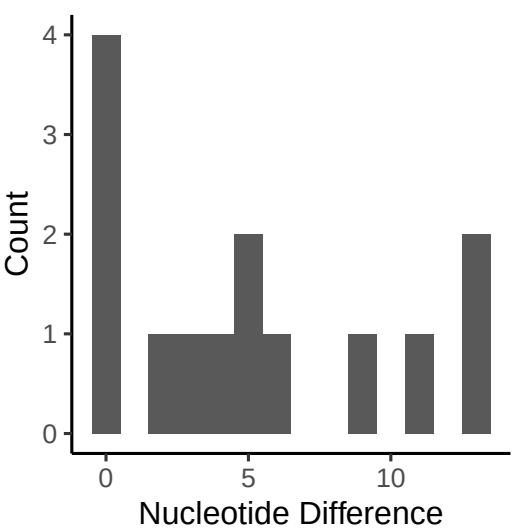
IGHV1−69*01

382 sequences assigned
155 (40.6%) exact matches, in which:
155 unique CDR3
6 unique J



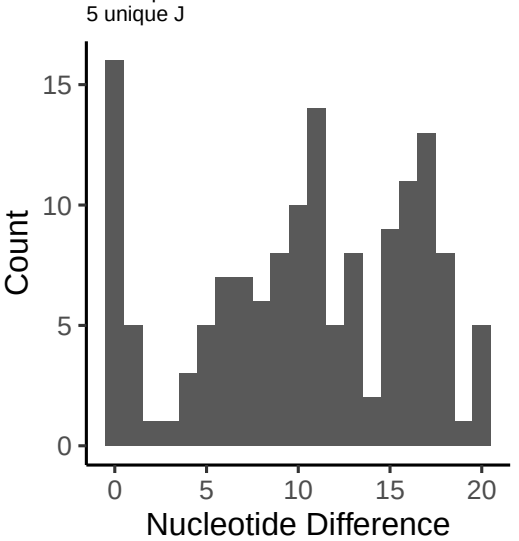
IGHV2−70*01

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



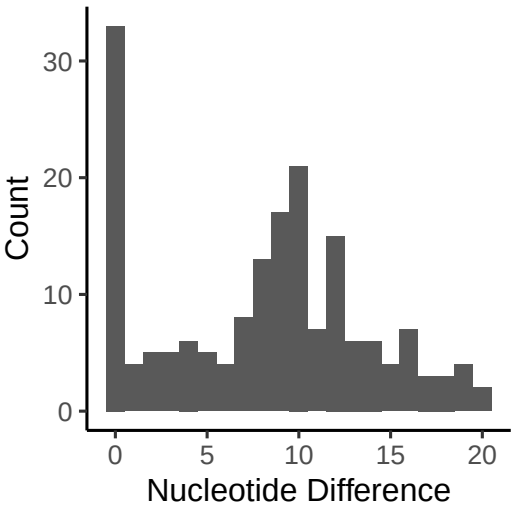
IGHV3−7*03

179 sequences assigned
16 (8.9%) exact matches, in which:
16 unique CDR3
5 unique J



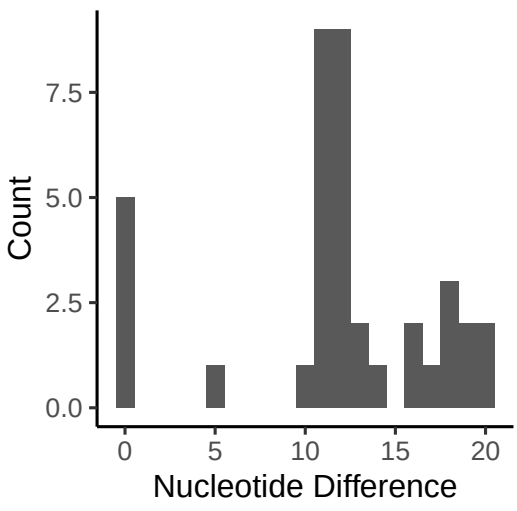
IGHV3−9*01

225 sequences assigned
33 (14.7%) exact matches, in which:
33 unique CDR3
6 unique J



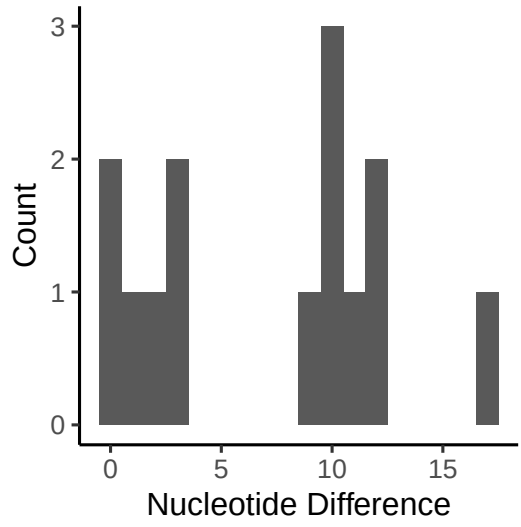
IGHV3−13*01

48 sequences assigned
5 (10.4%) exact matches, in which:
5 unique CDR3
4 unique J



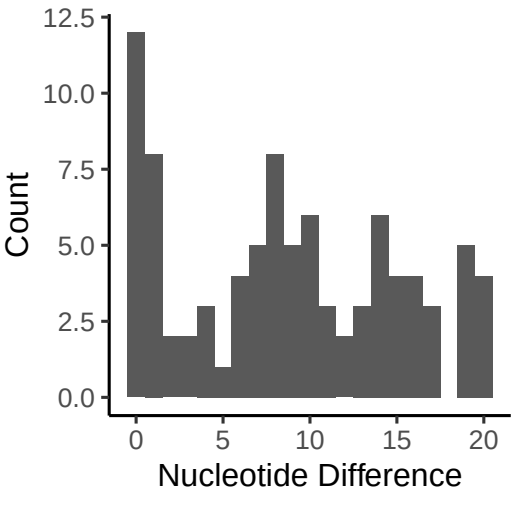
IGHV3−20*01

15 sequences assigned
2 (13.3%) exact matches, in which:
2 unique CDR3
2 unique J



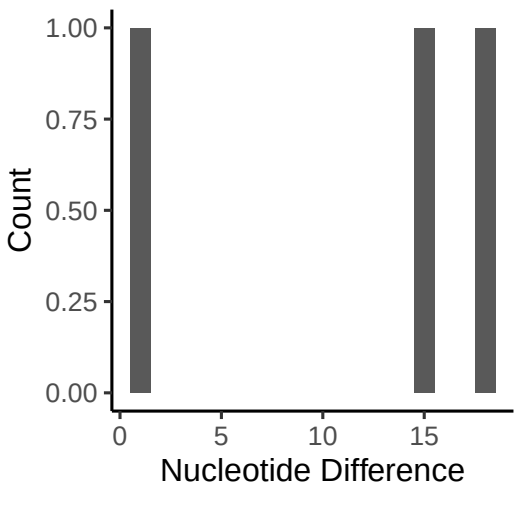
IGHV3−11*01

104 sequences assigned
12 (11.5%) exact matches, in which:
12 unique CDR3
4 unique J



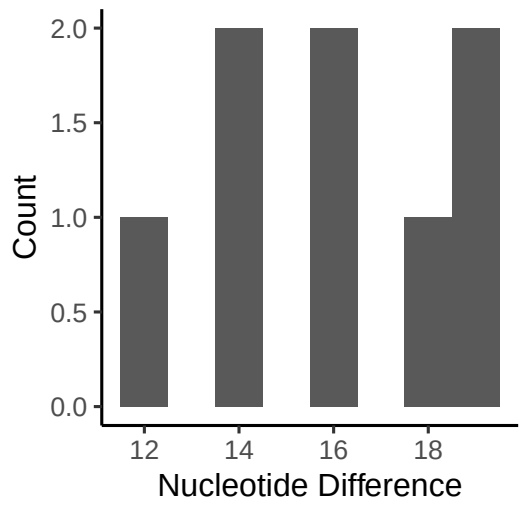
IGHV3−13*05

4 sequences assigned
No exact matches.



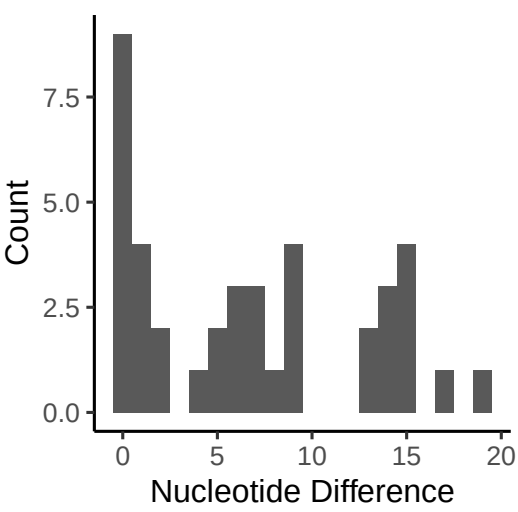
IGHV3−20*04

9 sequences assigned
No exact matches.



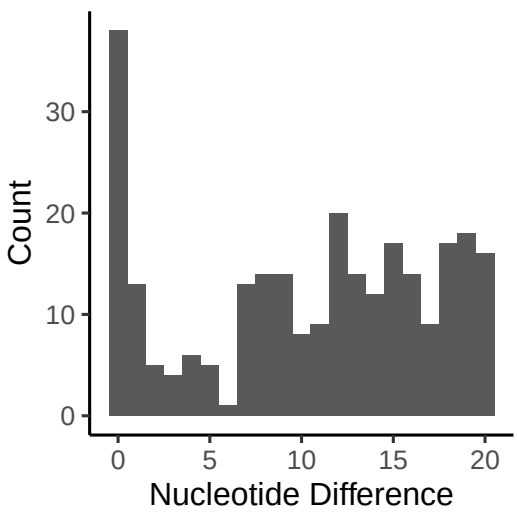
IGHV3−11*06

42 sequences assigned
9 (21.4%) exact matches, in which:
9 unique CDR3
3 unique J



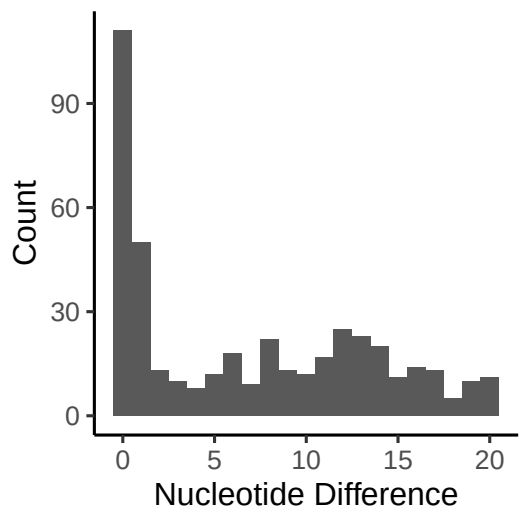
IGHV3−15*01

348 sequences assigned
38 (10.9%) exact matches, in which:
38 unique CDR3
5 unique J



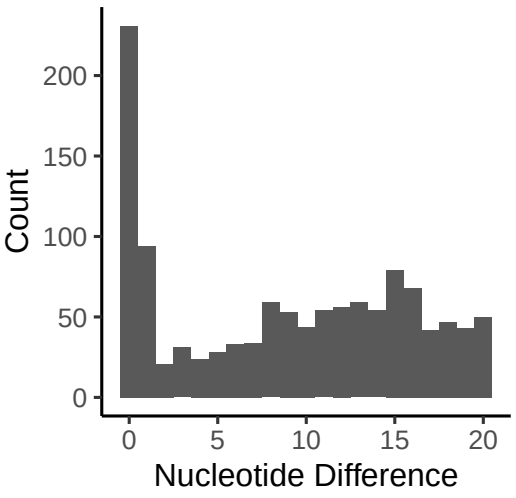
IGHV3−21*01

502 sequences assigned
111 (22.1%) exact matches, in which:
111 unique CDR3
6 unique J



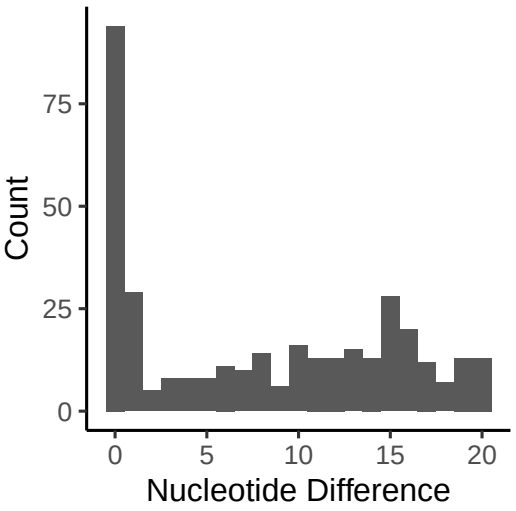
IGHV3−23*01

1591 sequences assigned
231 (14.5%) exact matches, in which:
230 unique CDR3
6 unique J



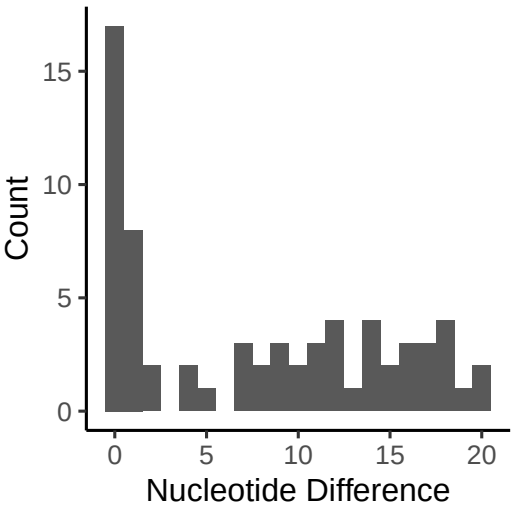
IGHV3−33*01

456 sequences assigned
94 (20.6%) exact matches, in which:
93 unique CDR3
6 unique J



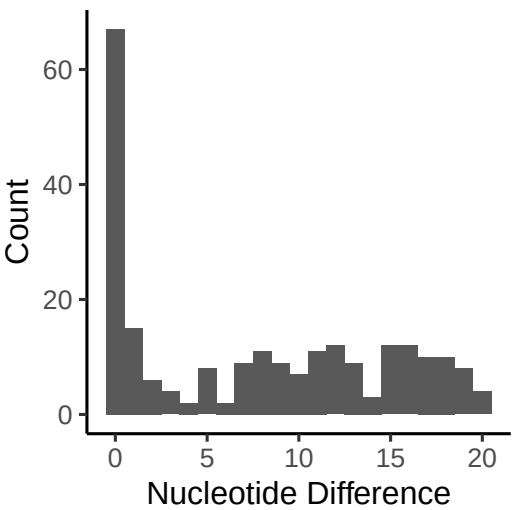
IGHV3−49*05

91 sequences assigned
17 (18.7%) exact matches, in which:
17 unique CDR3
5 unique J



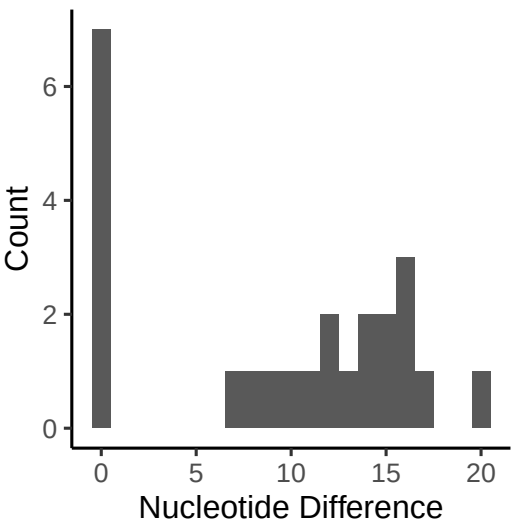
IGHV3−30−3*01

283 sequences assigned
67 (23.7%) exact matches, in which:
67 unique CDR3
5 unique J



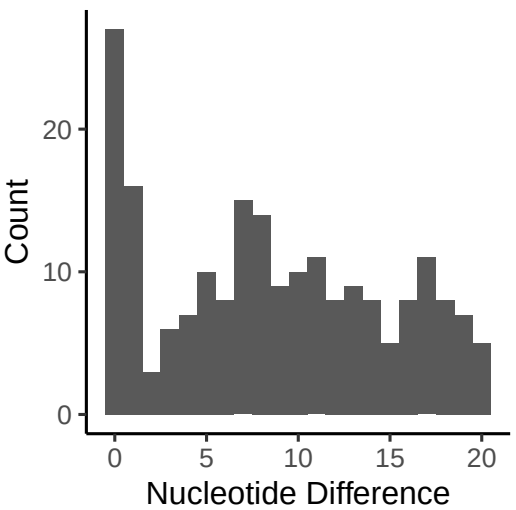
IGHV3−43*01

32 sequences assigned
7 (21.9%) exact matches, in which:
7 unique CDR3
3 unique J



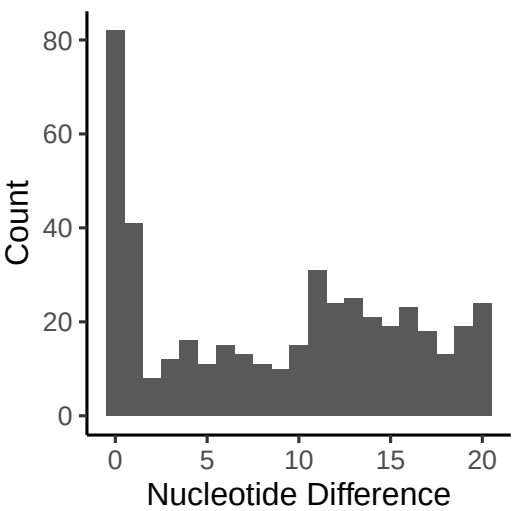
IGHV3−53*01

279 sequences assigned
27 (9.7%) exact matches, in which:
27 unique CDR3
6 unique J



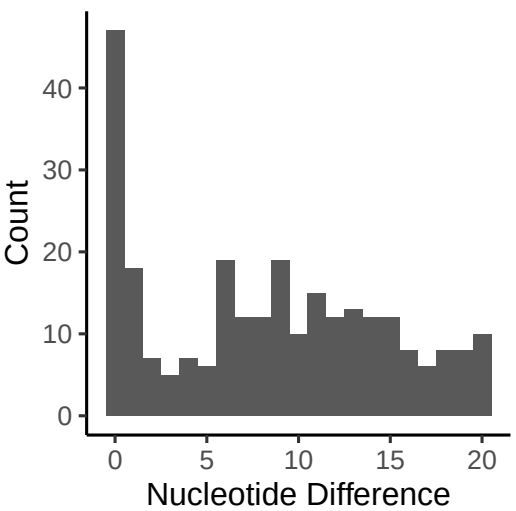
IGHV3−30*18

542 sequences assigned
82 (15.1%) exact matches, in which:
82 unique CDR3
6 unique J



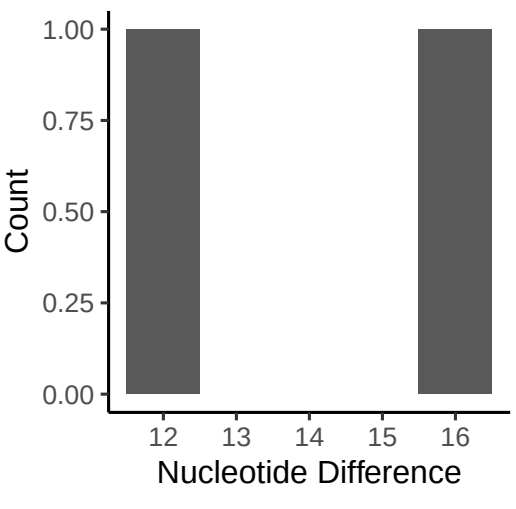
IGHV3−48*02

316 sequences assigned
47 (14.9%) exact matches, in which:
46 unique CDR3
4 unique J



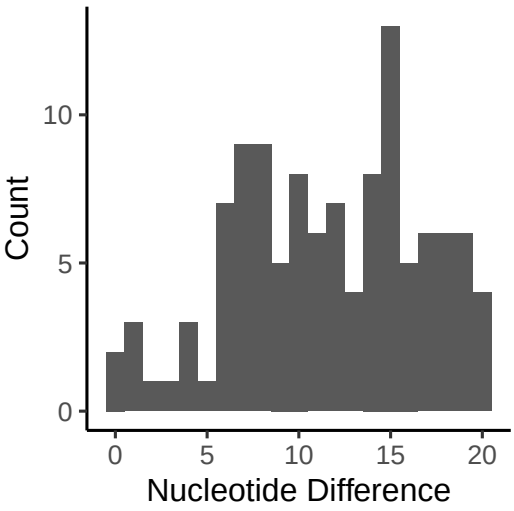
IGHV3−64*02

3 sequences assigned
No exact matches.



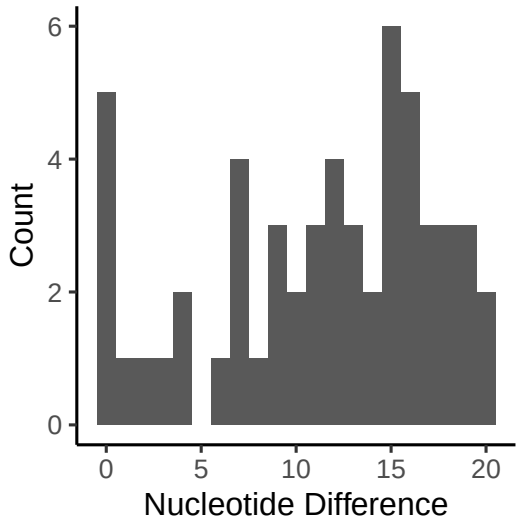
IGHV3−72*01

129 sequences assigned
2 (1.6%) exact matches, in which:
2 unique CDR3
2 unique J



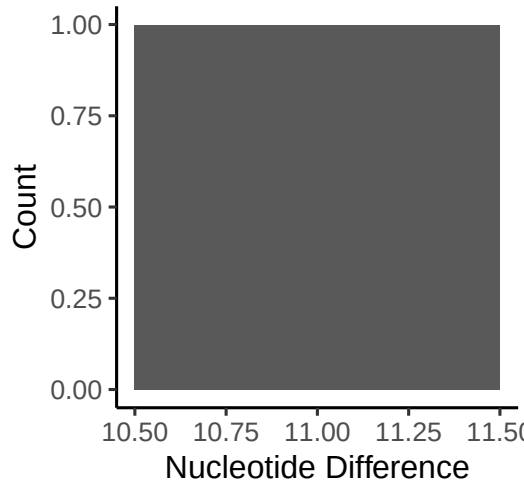
IGHV3−64D*06

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



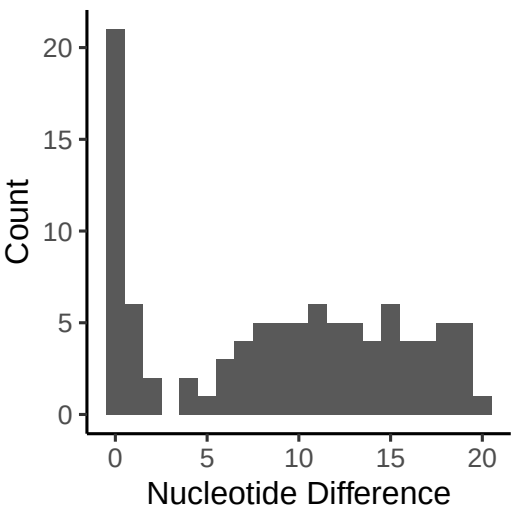
IGHV4−28*07

1 sequences assigned
No exact matches.



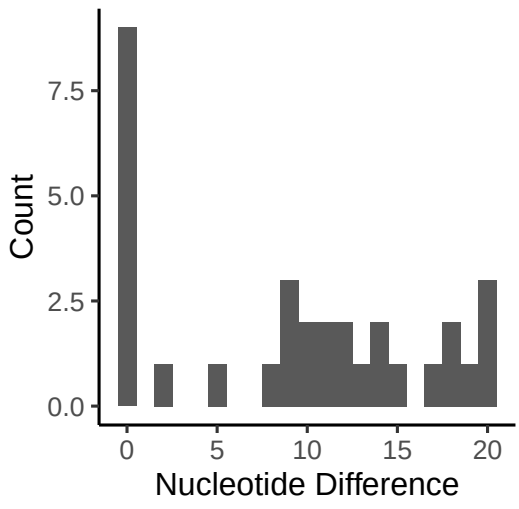
IGHV3−73*02

127 sequences assigned
21 (16.5%) exact matches, in which:
21 unique CDR3
4 unique J



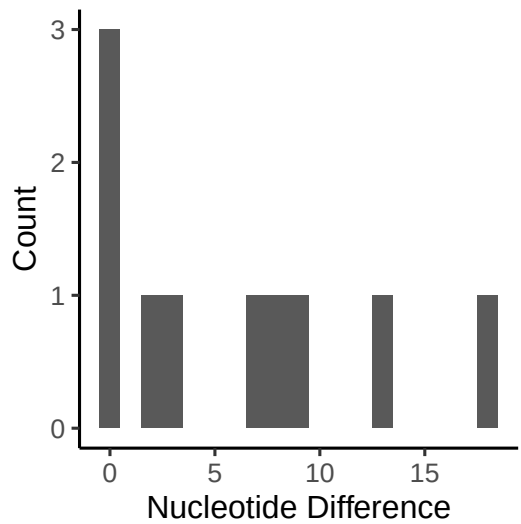
IGHV4−4*02

50 sequences assigned
9 (18%) exact matches, in which:
9 unique CDR3
6 unique J



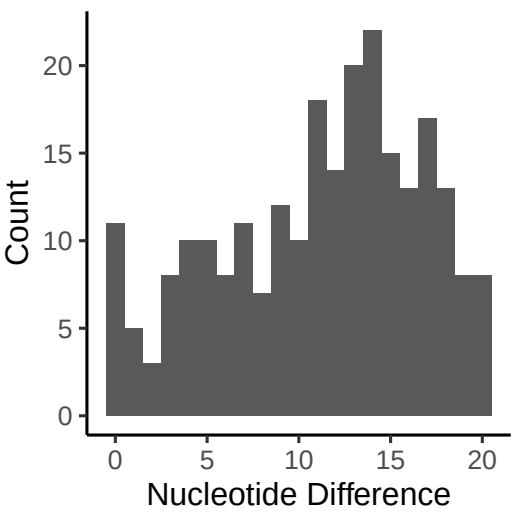
IGHV4−30−2*01

16 sequences assigned
3 (18.8%) exact matches, in which:
3 unique CDR3
2 unique J



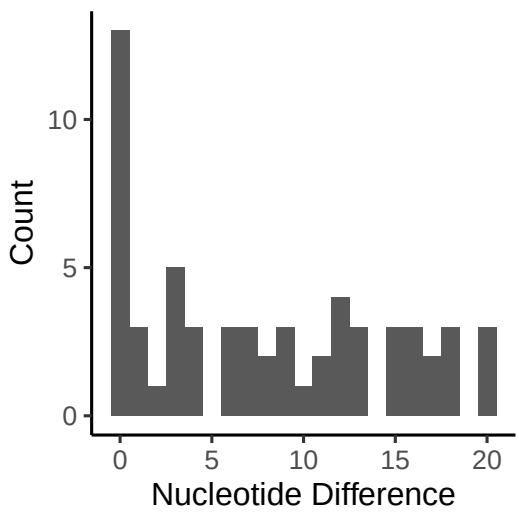
IGHV3−74*01

286 sequences assigned
11 (3.8%) exact matches, in which:
11 unique CDR3
3 unique J



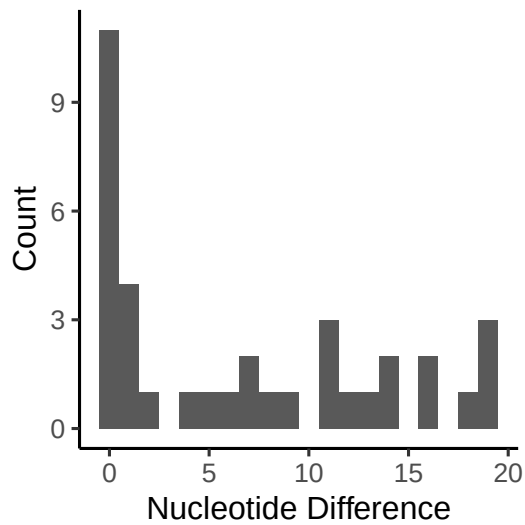
IGHV4−4*07

98 sequences assigned
13 (13.3%) exact matches, in which:
13 unique CDR3
5 unique J



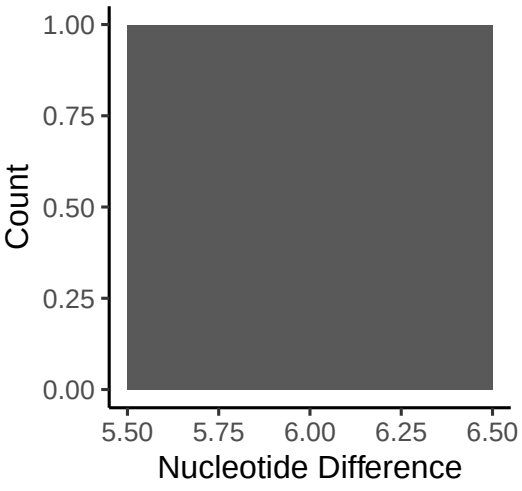
IGHV4−30−4*01

50 sequences assigned
11 (22%) exact matches, in which:
11 unique CDR3
4 unique J



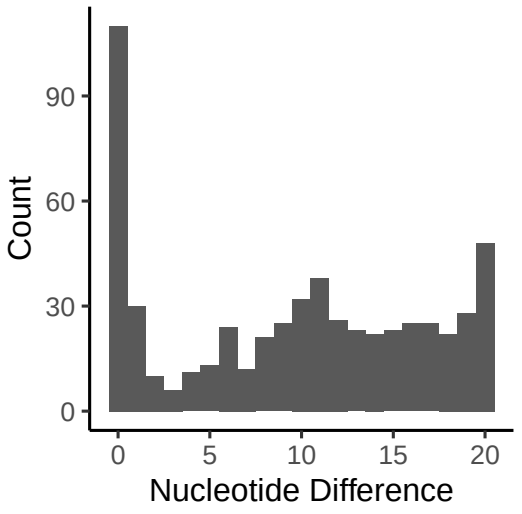
IGHV4−30−2*06

2 sequences assigned
No exact matches.



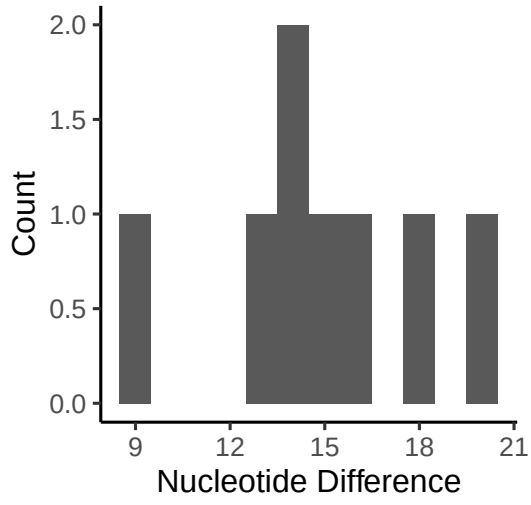
IGHV4−39*01

762 sequences assigned
110 (14.4%) exact matches, in which:
109 unique CDR3
6 unique J



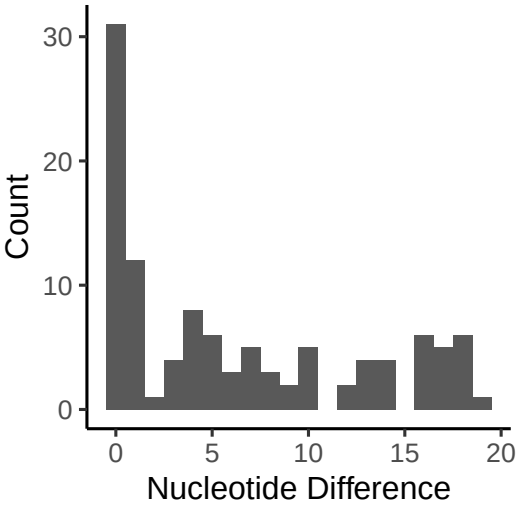
IGHV4−61*08

14 sequences assigned
No exact matches.



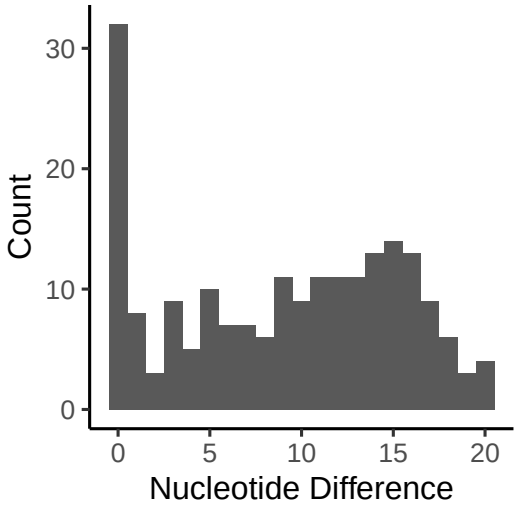
IGHV4−31*03

160 sequences assigned
31 (19.4%) exact matches, in which:
31 unique CDR3
5 unique J



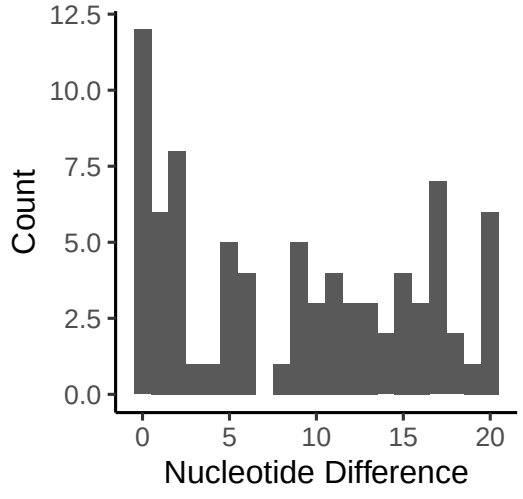
IGHV4−59*01

289 sequences assigned
32 (11.1%) exact matches, in which:
32 unique CDR3
5 unique J



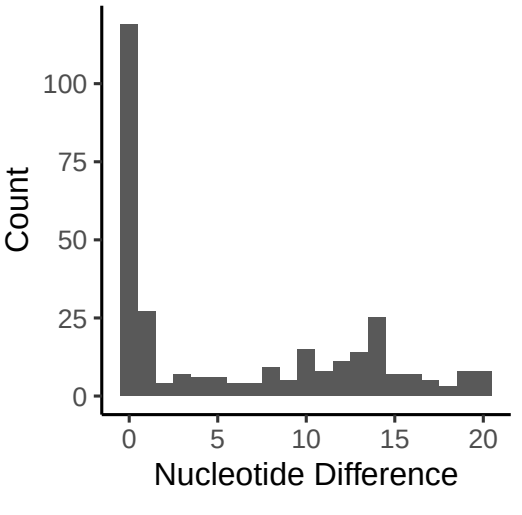
IGHV5−10−1*03

105 sequences assigned
12 (11.4%) exact matches, in which:
12 unique CDR3
3 unique J



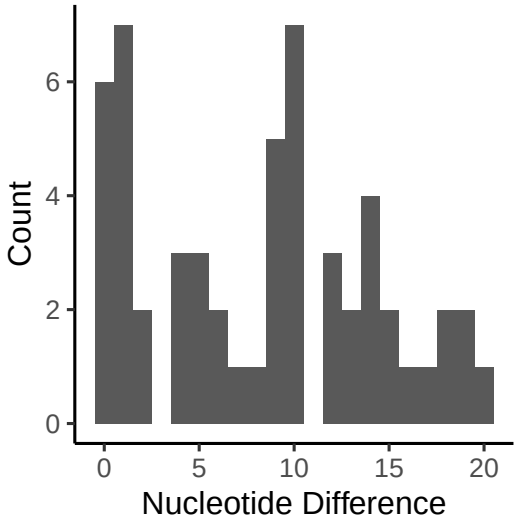
IGHV4−34*01

375 sequences assigned
119 (31.7%) exact matches, in which:
119 unique CDR3
6 unique J



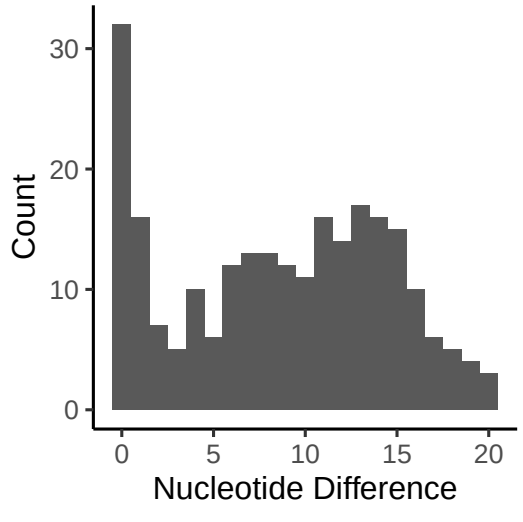
IGHV4−61*01

68 sequences assigned
6 (8.8%) exact matches, in which:
6 unique CDR3
3 unique J



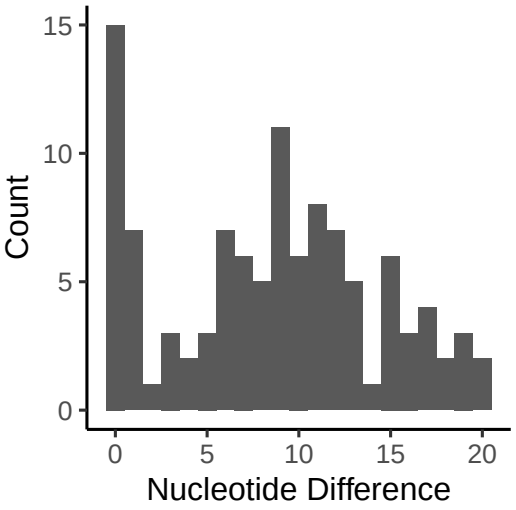
IGHV5−51*01

293 sequences assigned
32 (10.9%) exact matches, in which:
32 unique CDR3
6 unique J



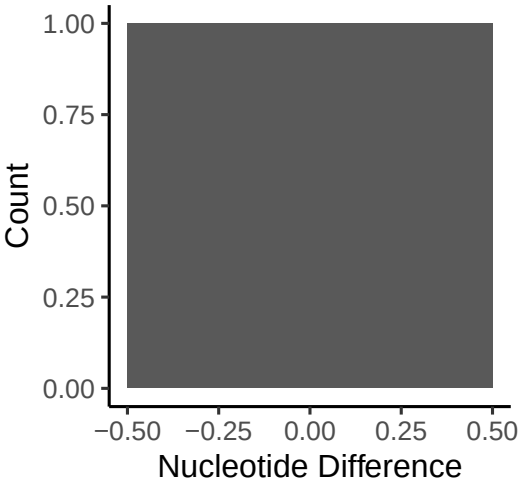
IGHV6−1*01

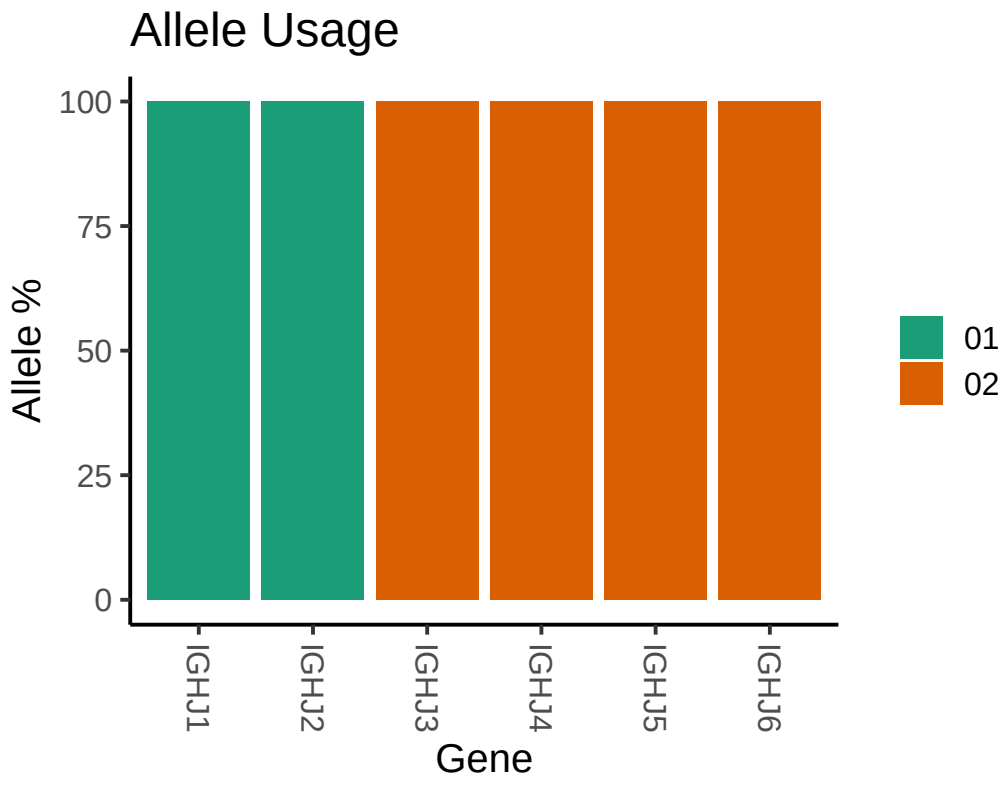
118 sequences assigned
15 (12.7%) exact matches, in which:
15 unique CDR3
4 unique J



IGHV7−4−1*01

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




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

Warning − no inferred sequences found.