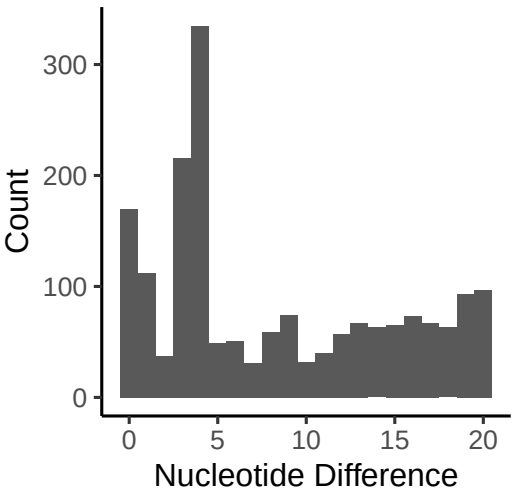
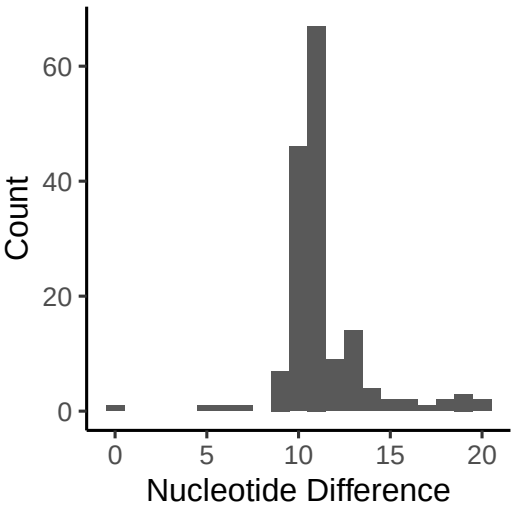
IGHV1−2*02

2456 sequences assigned
170 (6.9%) exact matches, in which:
156 unique CDR3
7 unique J



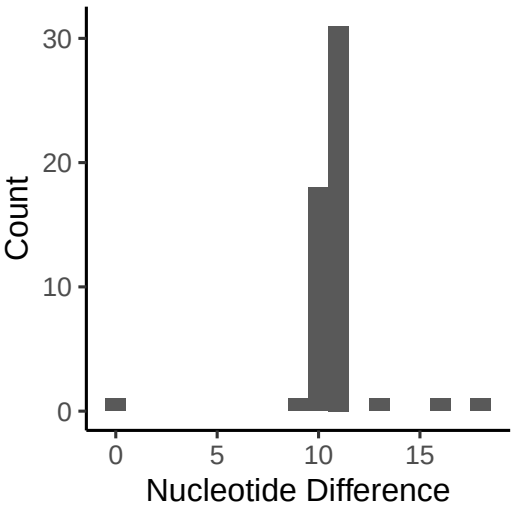
IGHV1−8*02

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



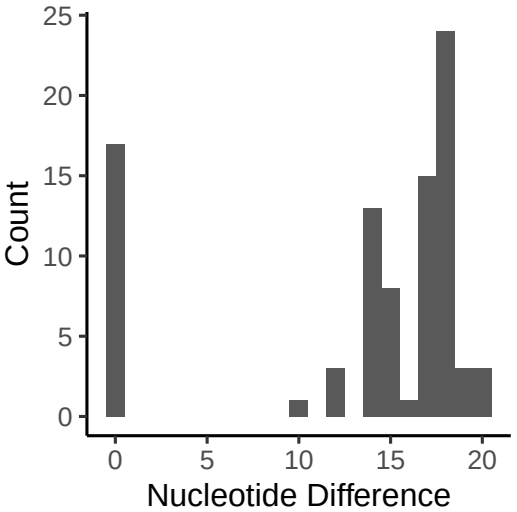
IGHV1−45*02

56 sequences assigned
1 (1.8%) exact matches, in which:
1 unique CDR3
1 unique J



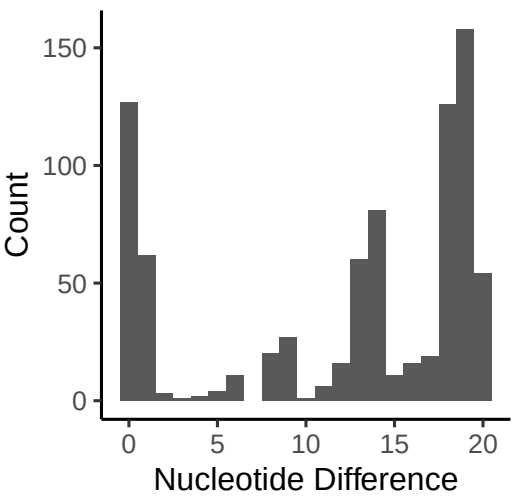
IGHV1−3*01_05

184 sequences assigned
17 (9.2%) exact matches, in which:
17 unique CDR3
4 unique J



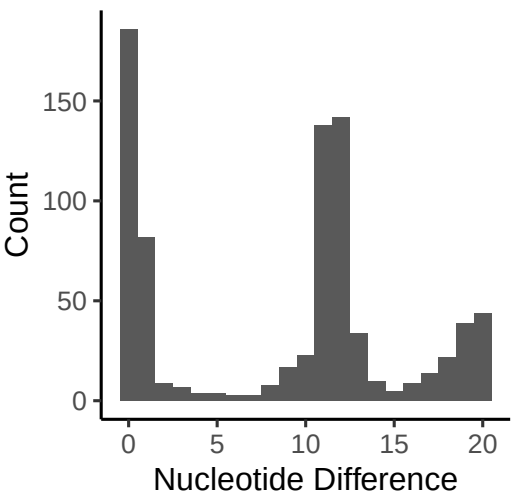
IGHV1−18*01

2333 sequences assigned
127 (5.4%) exact matches, in which:
114 unique CDR3
5 unique J



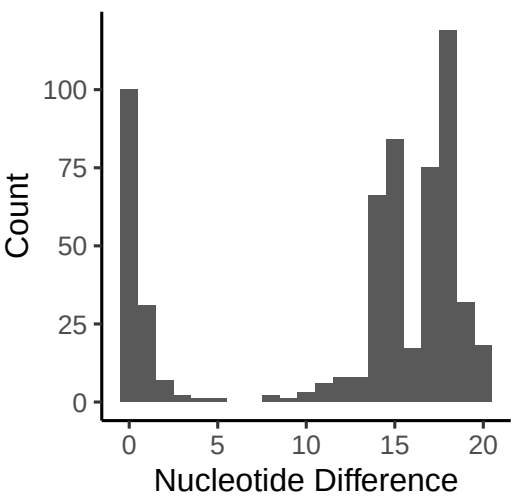
IGHV1−46*01

1460 sequences assigned
186 (12.7%) exact matches, in which:
152 unique CDR3
5 unique J



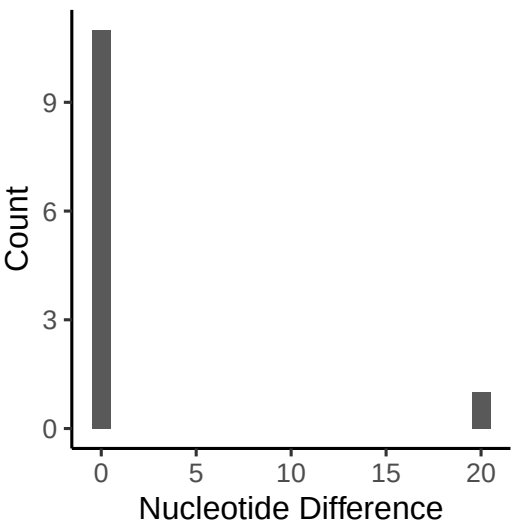
IGHV1−8*01

1160 sequences assigned
100 (8.6%) exact matches, in which:
93 unique CDR3
5 unique J



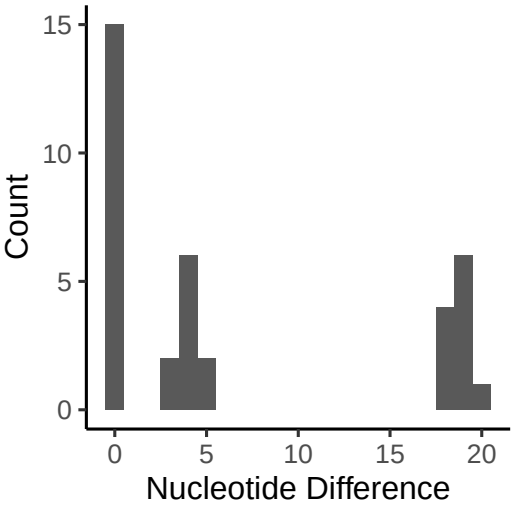
IGHV1−24*01

31 sequences assigned
11 (35.5%) exact matches, in which:
11 unique CDR3
3 unique J



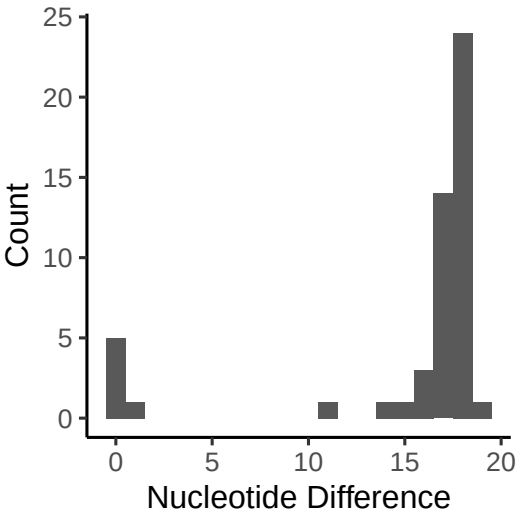
IGHV1−58*01_03

36 sequences assigned
15 (41.7%) exact matches, in which:
15 unique CDR3
3 unique J



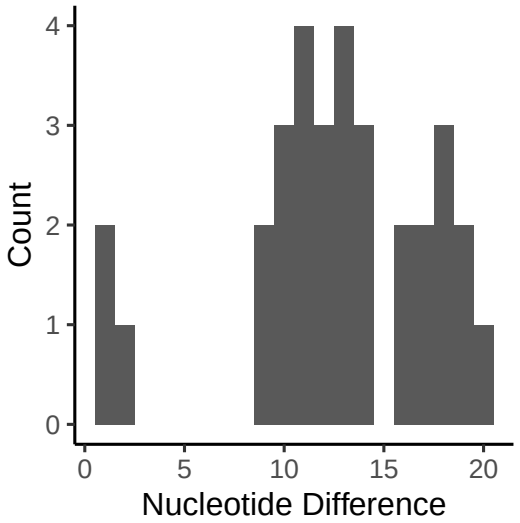
IGHV1−69−2*01

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



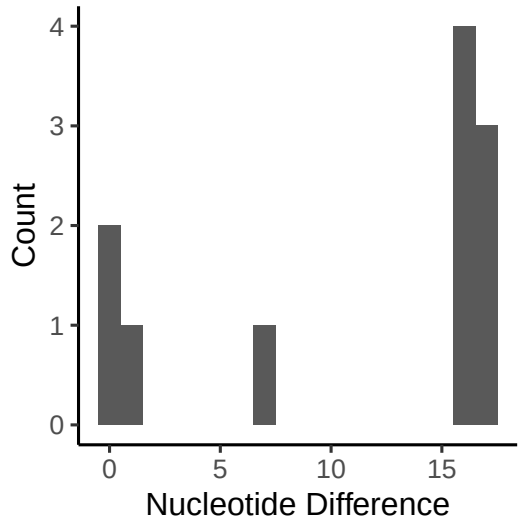
IGHV2−5*01

49 sequences assigned
No exact matches.



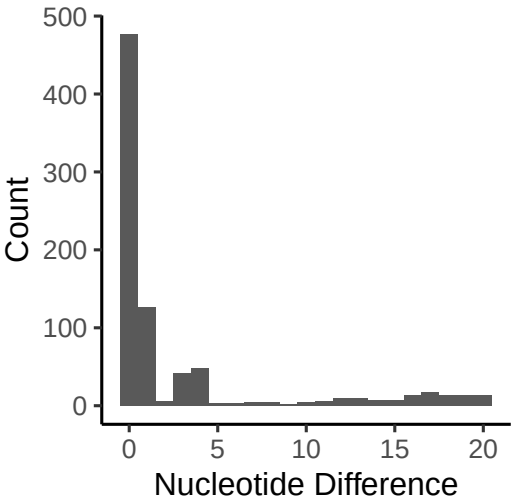
IGHV2−70*01

17 sequences assigned
2 (11.8%) exact matches, in which:
2 unique CDR3
2 unique J



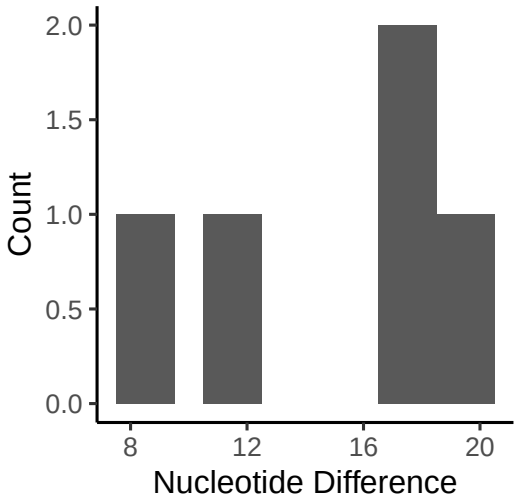
IGHV1−69*01_12_13

2400 sequences assigned
477 (19.9%) exact matches, in which:
454 unique CDR3
6 unique J



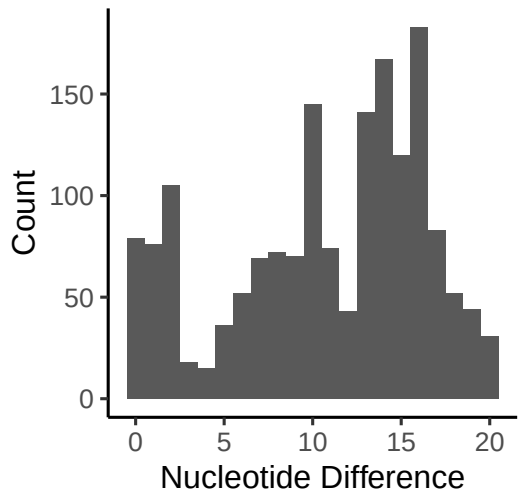
IGHV2−5*02

24 sequences assigned
No exact matches.



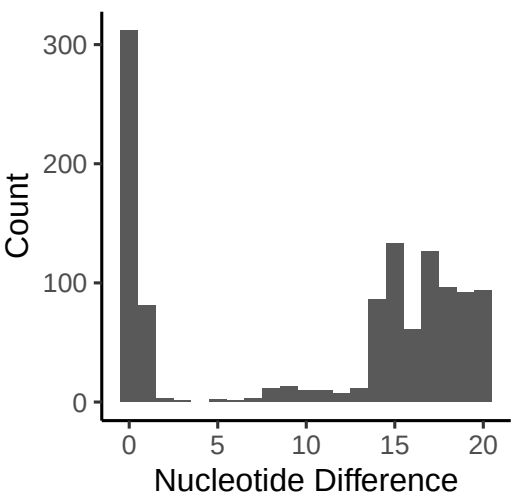
IGHV3−7*01

1954 sequences assigned
79 (4%) exact matches, in which:
76 unique CDR3
5 unique J



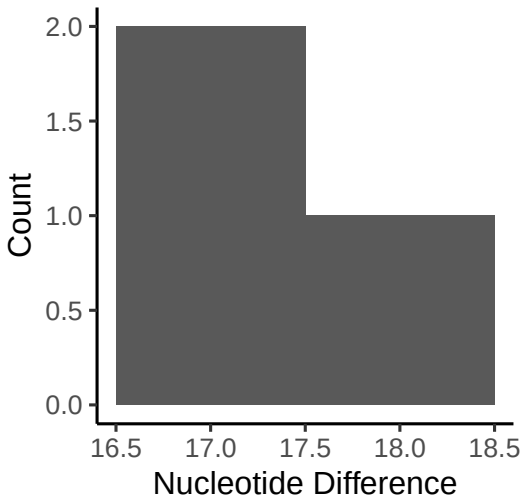
IGHV1−69*06_14

2225 sequences assigned
312 (14%) exact matches, in which:
296 unique CDR3
6 unique J



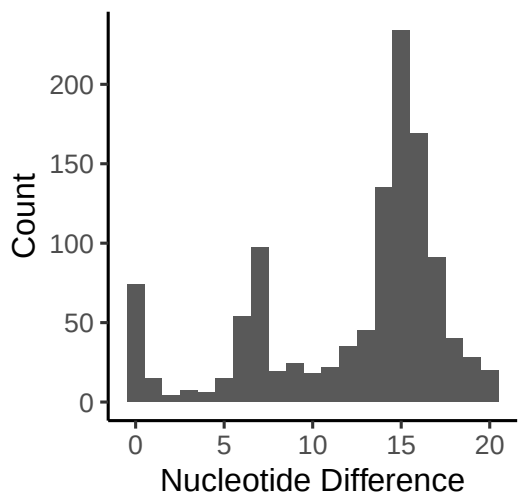
IGHV2−26*01

4 sequences assigned
No exact matches.



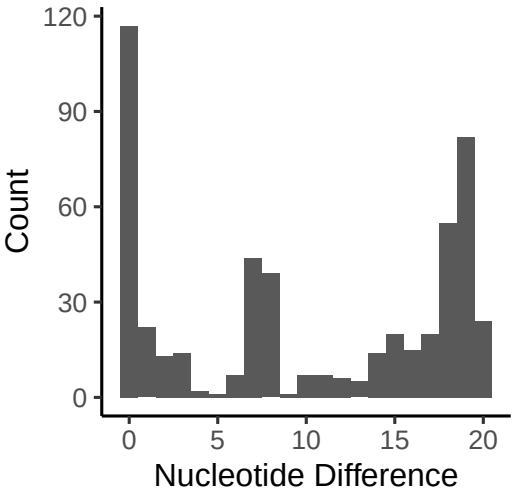
IGHV3−7*03

1374 sequences assigned
74 (5.4%) exact matches, in which:
73 unique CDR3
5 unique J



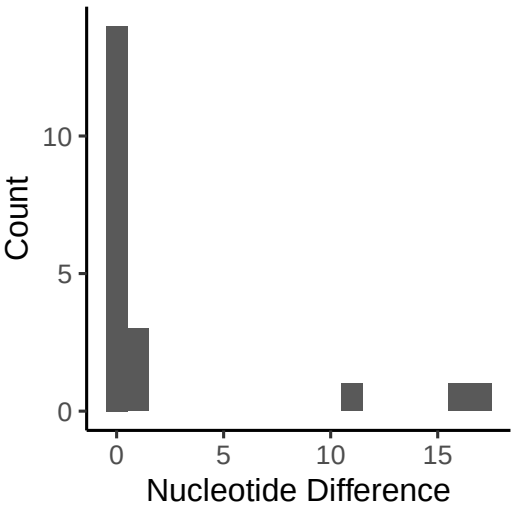
IGHV3−9*01

1083 sequences assigned
117 (10.8%) exact matches, in which:
113 unique CDR3
6 unique J



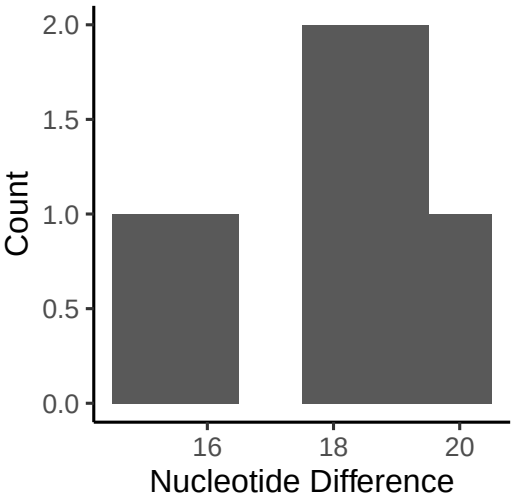
IGHV3−13*01

119 sequences assigned
14 (11.8%) exact matches, in which:
13 unique CDR3
3 unique J



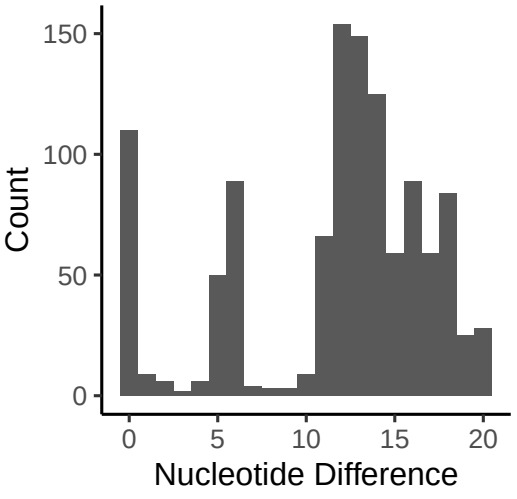
IGHV3−20*03_04

20 sequences assigned
No exact matches.



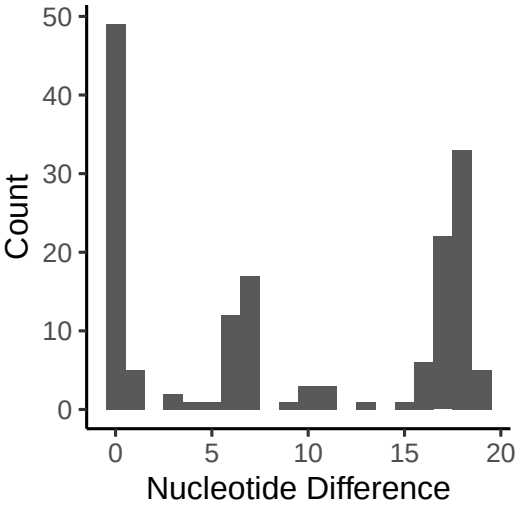
IGHV3−11*01

2785 sequences assigned
110 (3.9%) exact matches, in which:
103 unique CDR3
5 unique J



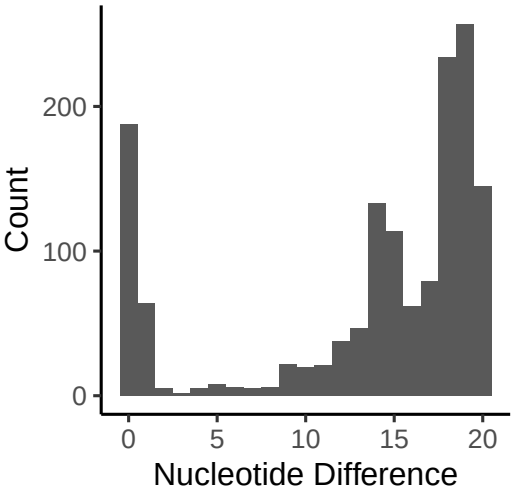
IGHV3−15*01_02

245 sequences assigned
49 (20%) exact matches, in which:
47 unique CDR3
4 unique J



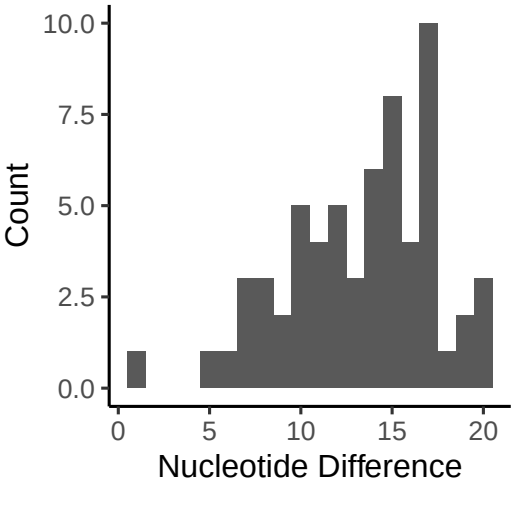
IGHV3−21*01_02

3201 sequences assigned
188 (5.9%) exact matches, in which:
164 unique CDR3
5 unique J



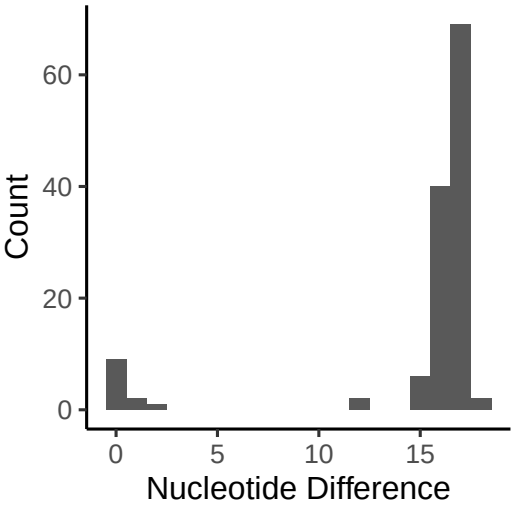
IGHV3−11*04

99 sequences assigned
No exact matches.



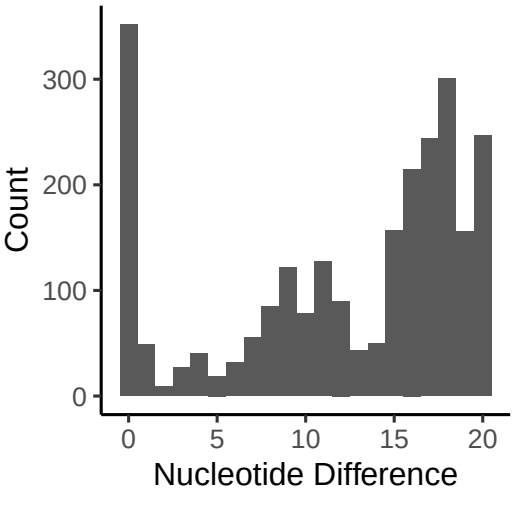
IGHV3−20*01_02

133 sequences assigned
9 (6.8%) exact matches, in which:
7 unique CDR3
4 unique J



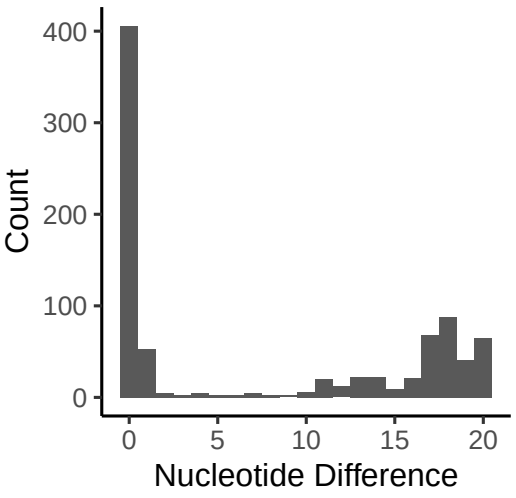
IGHV3−23*01_04

4966 sequences assigned
352 (7.1%) exact matches, in which:
338 unique CDR3
6 unique J



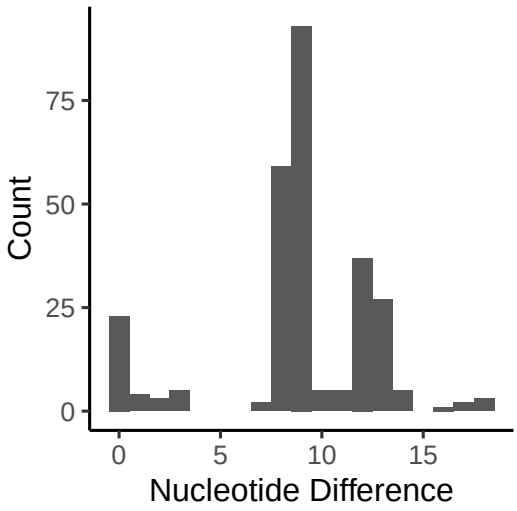
IGHV3−30−3*01

1898 sequences assigned
406 (21.4%) exact matches, in which:
396 unique CDR3
6 unique J



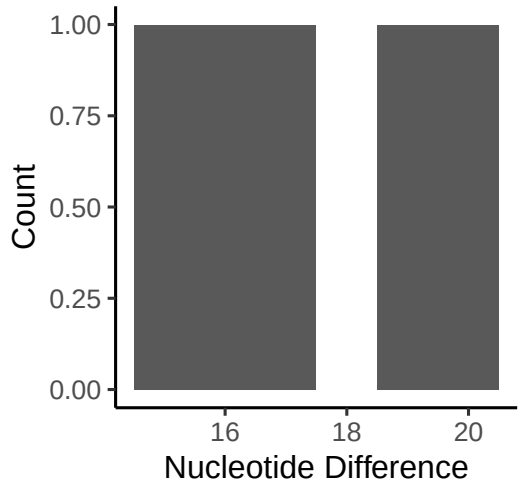
IGHV3−43*01

284 sequences assigned
23 (8.1%) exact matches, in which:
23 unique CDR3
3 unique J



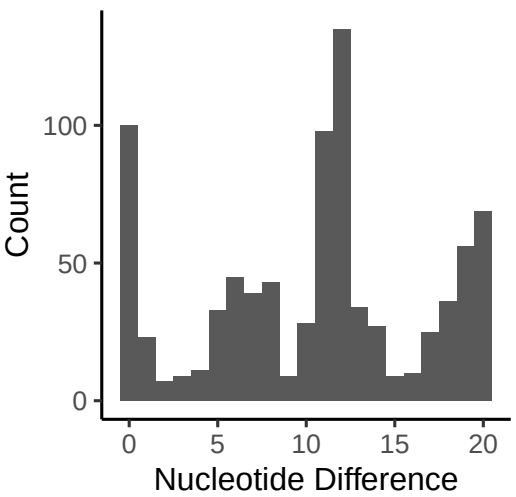
IGHV3−53*05

8 sequences assigned
No exact matches.



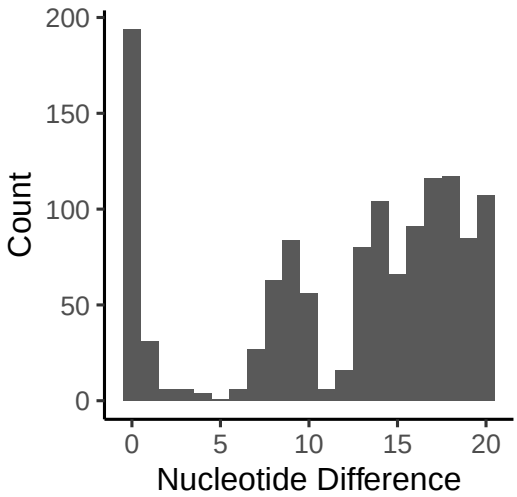
IGHV3−30*03

1280 sequences assigned
100 (7.8%) exact matches, in which:
99 unique CDR3
6 unique J



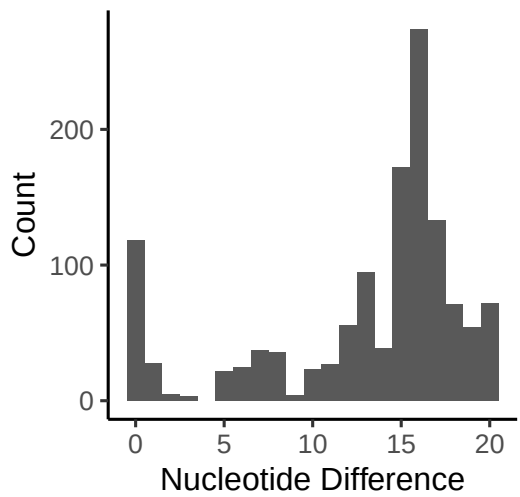
IGHV3−48*02

2177 sequences assigned
194 (8.9%) exact matches, in which:
184 unique CDR3
6 unique J



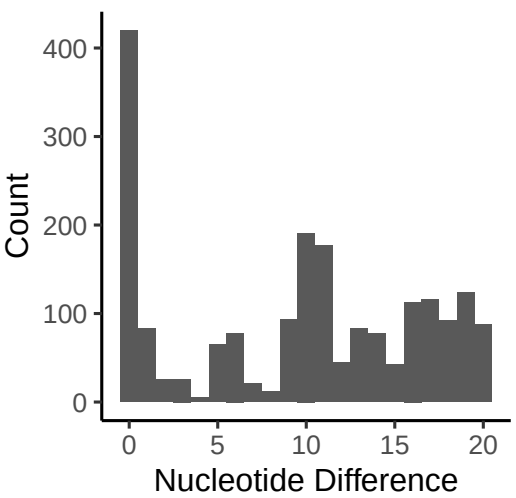
IGHV3−53*01_02

1926 sequences assigned
118 (6.1%) exact matches, in which:
110 unique CDR3
5 unique J



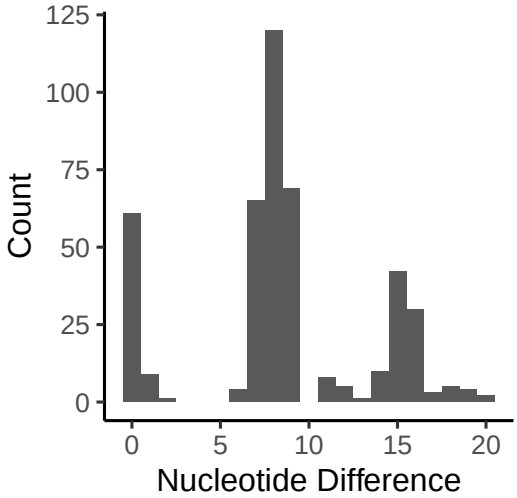
IGHV3−33*01

3034 sequences assigned
420 (13.8%) exact matches, in which:
362 unique CDR3
6 unique J



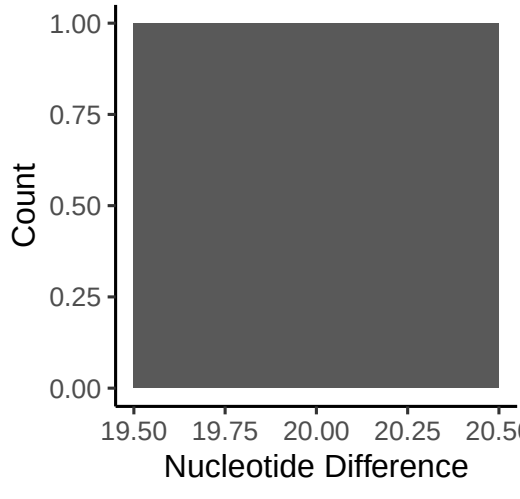
IGHV3−49*03_05

450 sequences assigned
61 (13.6%) exact matches, in which:
58 unique CDR3
5 unique J



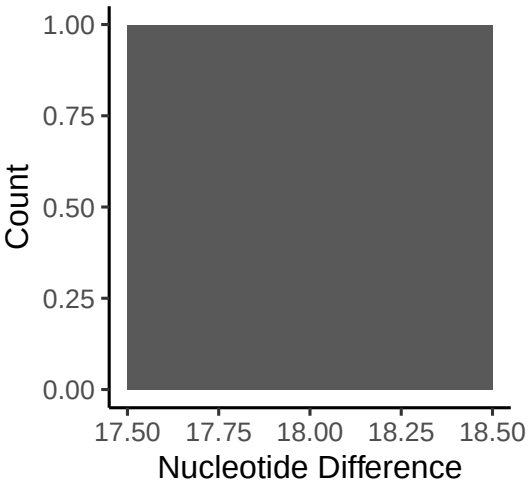
IGHV3−66*01

3 sequences assigned
No exact matches.



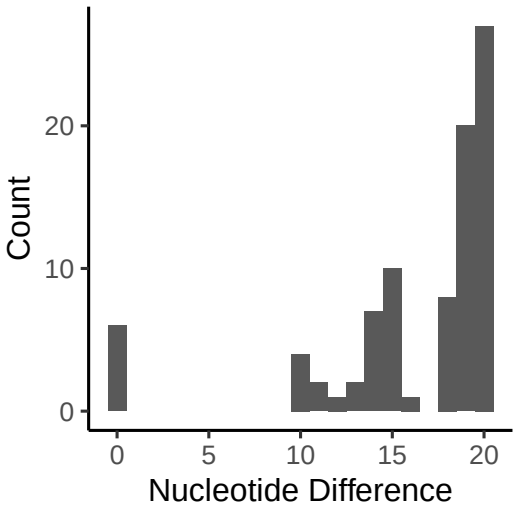
IGHV3−66*03

2 sequences assigned
No exact matches.



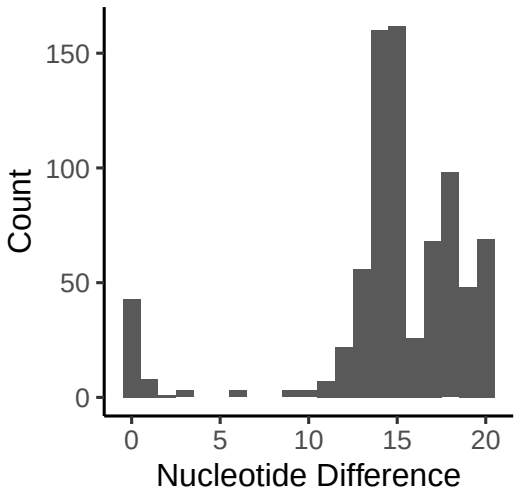
IGHV3−72*01

177 sequences assigned
6 (3.4%) exact matches, in which:
6 unique CDR3
3 unique J



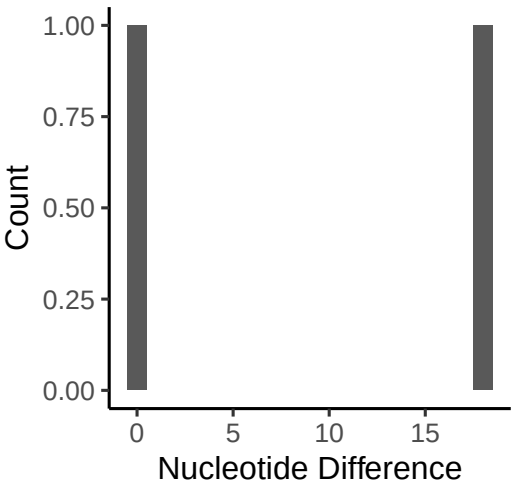
IGHV3−74*01_02

1185 sequences assigned
43 (3.6%) exact matches, in which:
40 unique CDR3
5 unique J



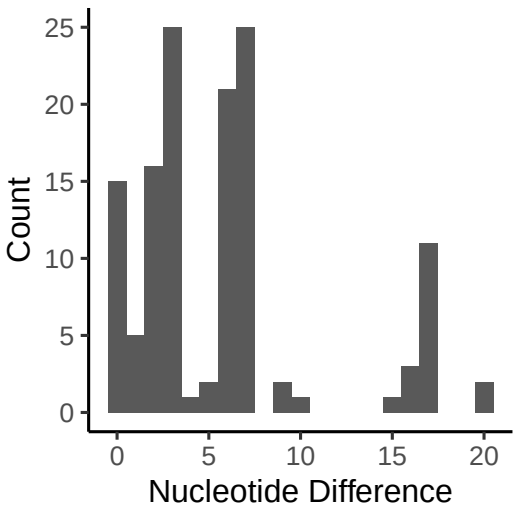
IGHV3−69−1*01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
0 unique J



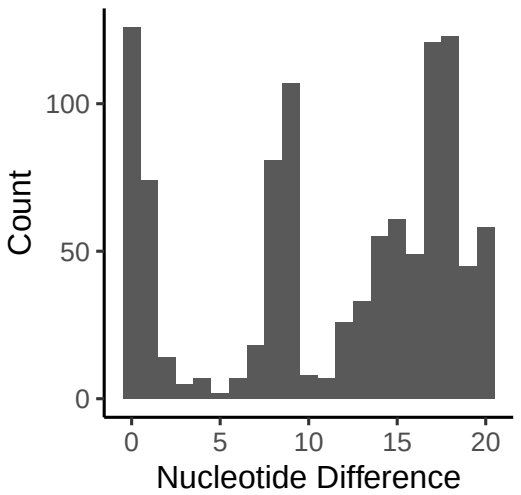
IGHV3−73*01_02

340 sequences assigned
15 (4.4%) exact matches, in which:
15 unique CDR3
4 unique J



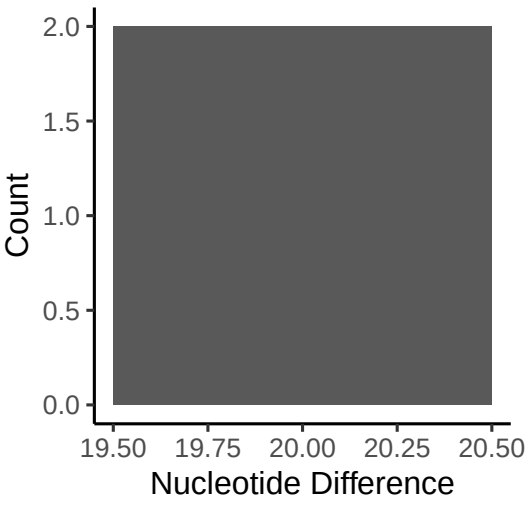
IGHV4−4*07

2506 sequences assigned
126 (5%) exact matches, in which:
87 unique CDR3
6 unique J



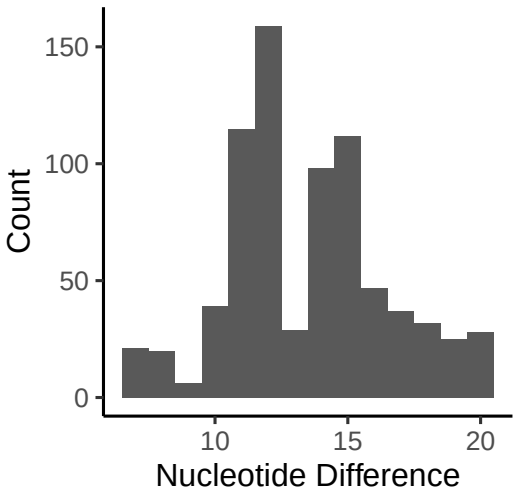
IGHV3−69−1*02

68 sequences assigned
No exact matches.



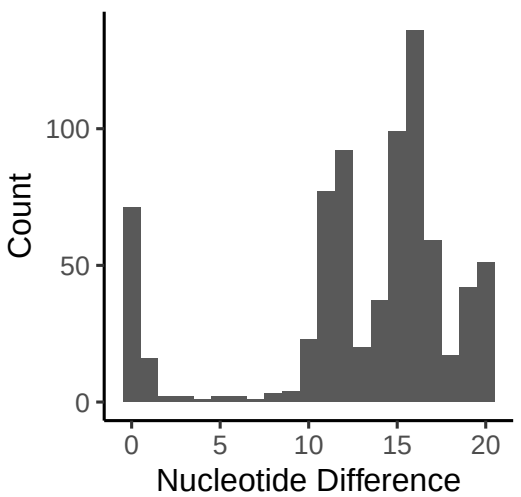
IGHV3−74*03

1124 sequences assigned
No exact matches.



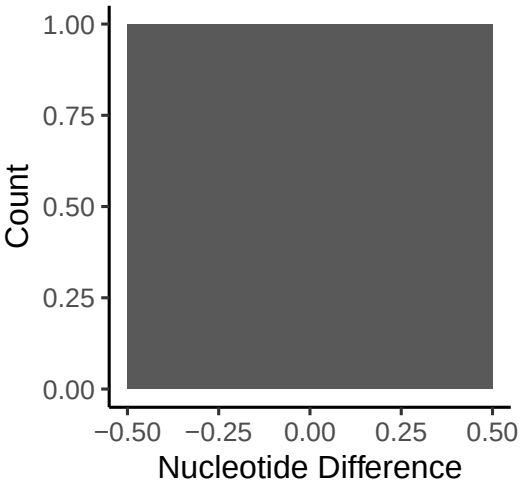
IGHV4−4*02_03

1195 sequences assigned
71 (5.9%) exact matches, in which:
56 unique CDR3
6 unique J



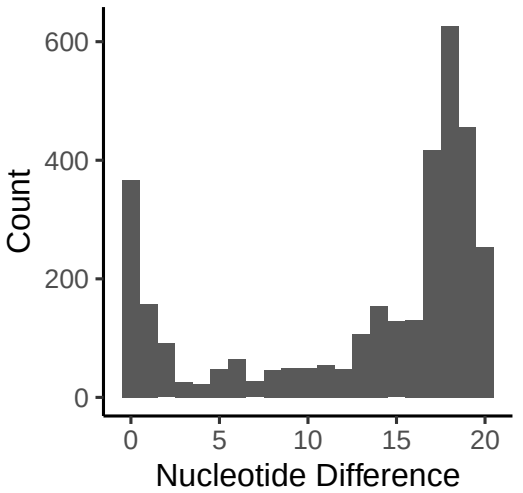
IGHV4−28*01_07

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



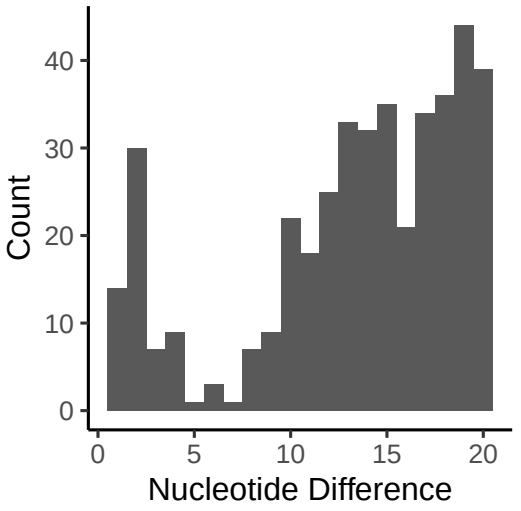
IGHV4−31*02

7410 sequences assigned
367 (5%) exact matches, in which:
261 unique CDR3
6 unique J



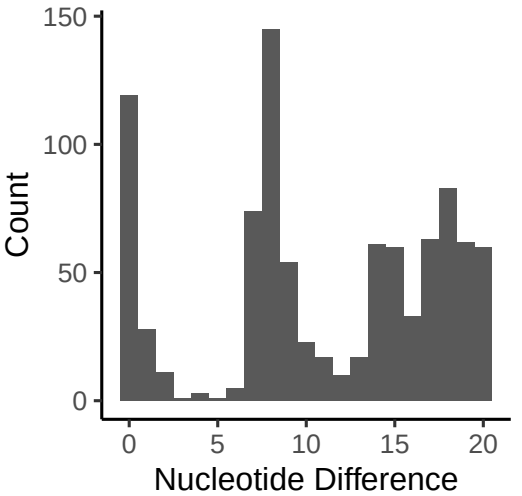
IGHV4−39*07

736 sequences assigned
No exact matches.



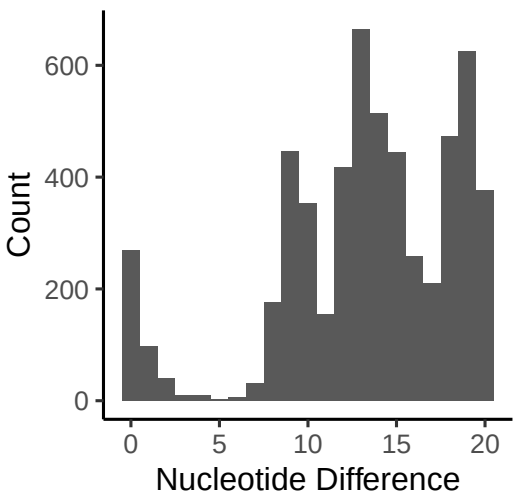
IGHV4−30−2*01

4068 sequences assigned
119 (2.9%) exact matches, in which:
82 unique CDR3
5 unique J



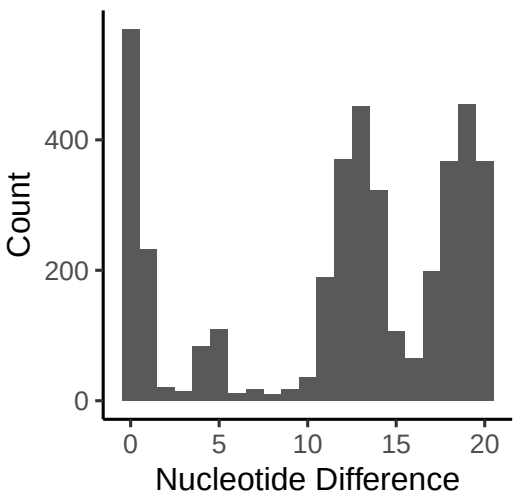
IGHV4−34*01_02

9147 sequences assigned
270 (3%) exact matches, in which:
194 unique CDR3
6 unique J



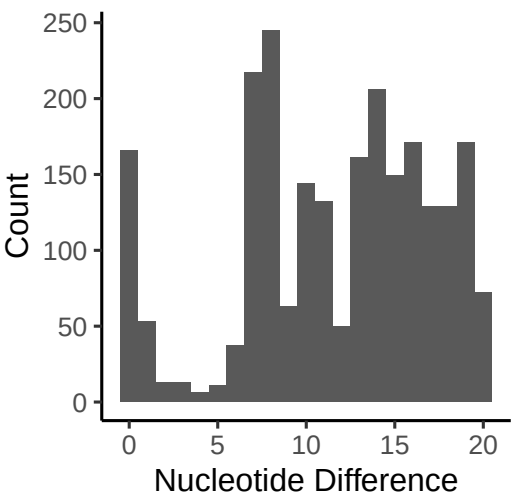
IGHV4−39*02_C258G

8890 sequences assigned
570 (6.4%) exact matches, in which:
384 unique CDR3
7 unique J



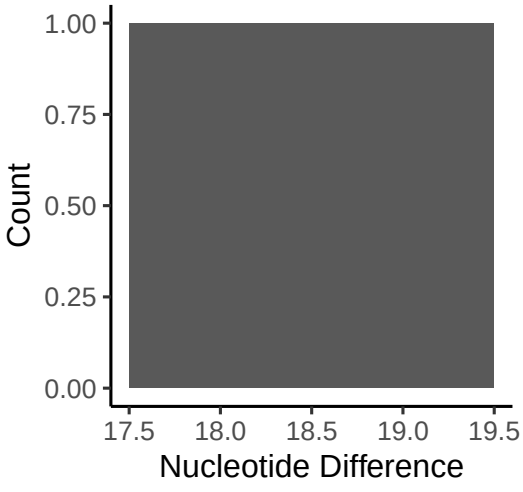
IGHV4−30−4*01

4557 sequences assigned
166 (3.6%) exact matches, in which:
112 unique CDR3
5 unique J



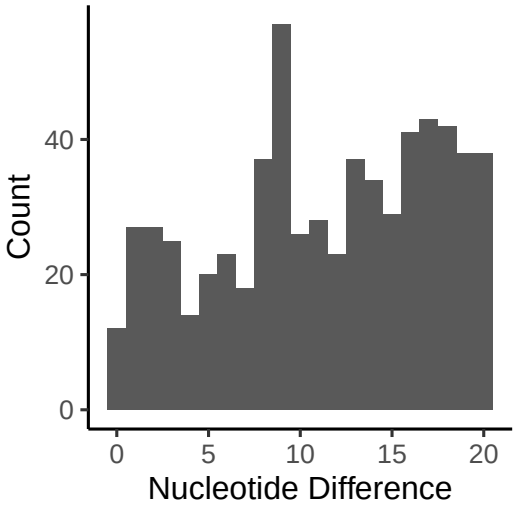
IGHV4−38−2*02

7 sequences assigned
No exact matches.



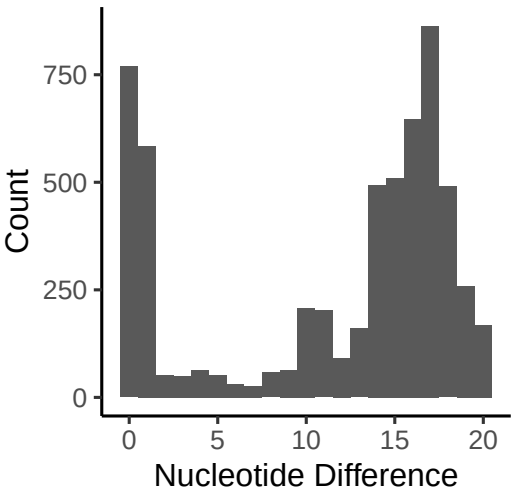
IGHV4−59*12

877 sequences assigned
12 (1.4%) exact matches, in which:
11 unique CDR3
4 unique J



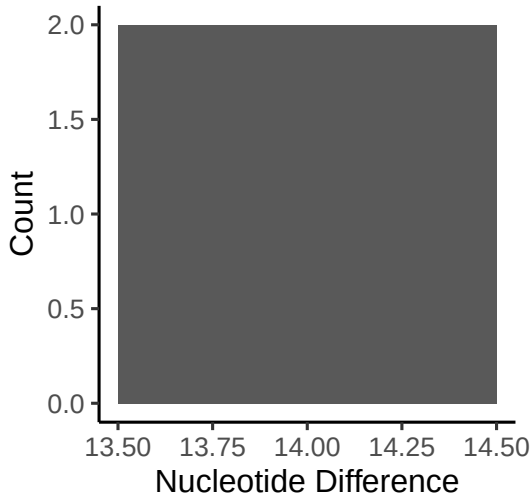
IGHV4−59*02_G88A

9325 sequences assigned
769 (8.2%) exact matches, in which:
478 unique CDR3
7 unique J



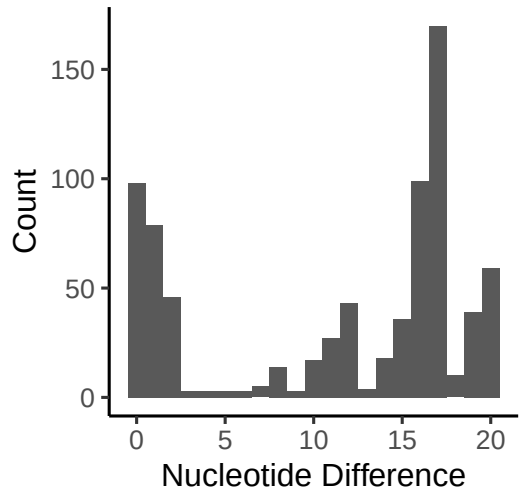
IGHV4/OR15−8*01

5 sequences assigned
No exact matches.



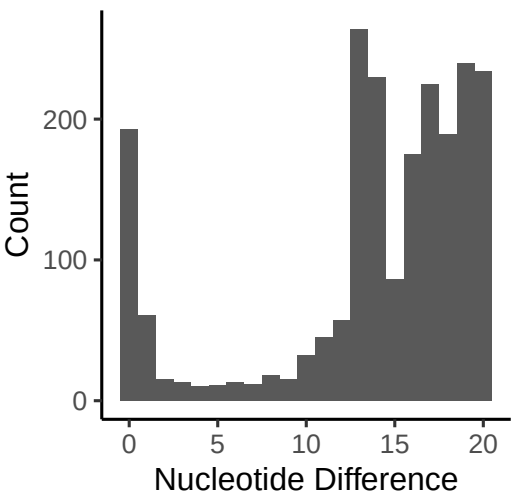
IGHV6−1*01_02

792 sequences assigned
98 (12.4%) exact matches, in which:
76 unique CDR3
4 unique J



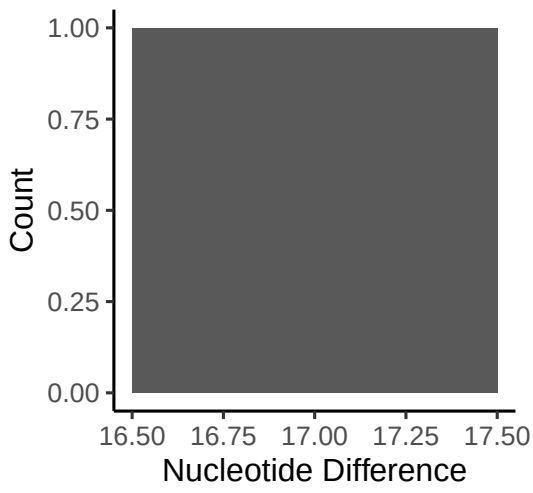
IGHV4−61*01

4277 sequences assigned
193 (4.5%) exact matches, in which:
134 unique CDR3
6 unique J



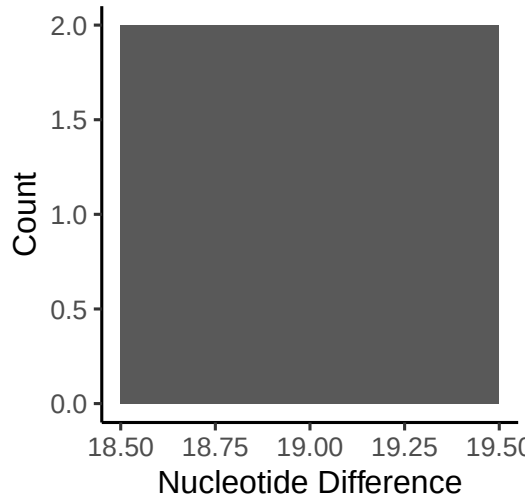
IGHV4/OR15−8*02

2 sequences assigned
No exact matches.



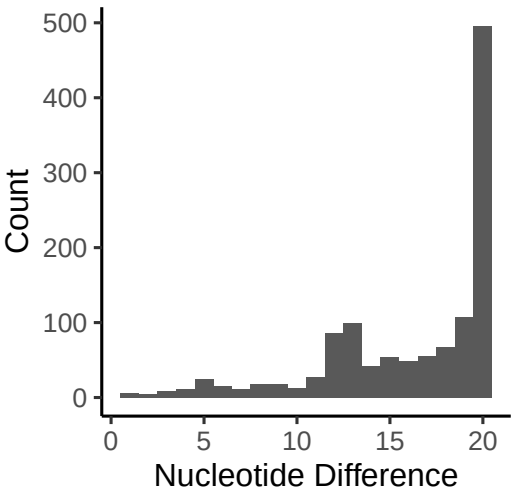
IGHV3/OR16−10*01_03

3 sequences assigned
No exact matches.



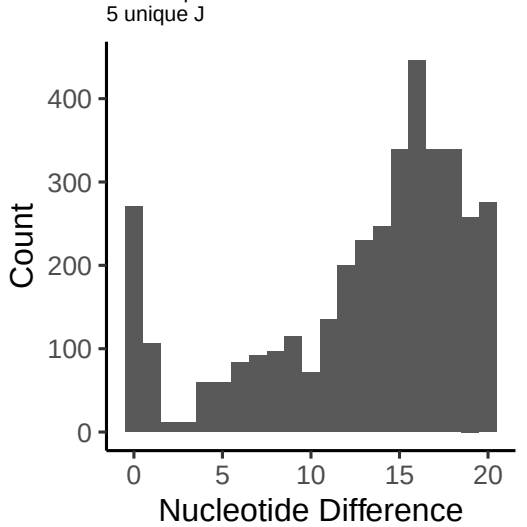
IGHV4−61*08

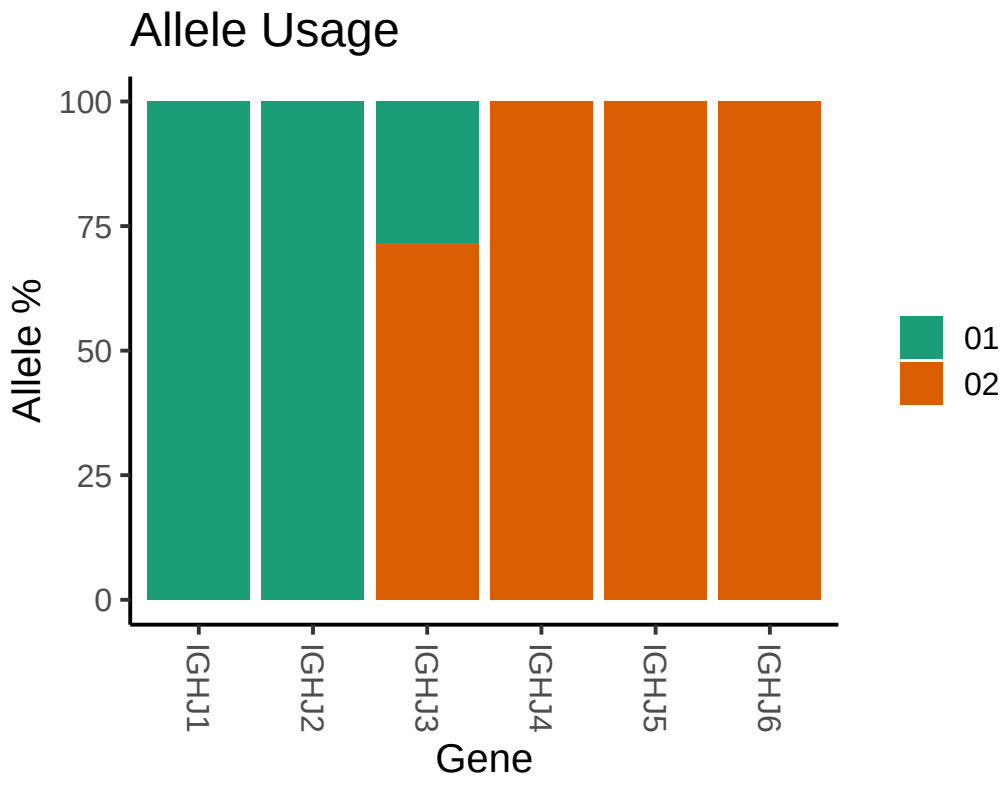
6753 sequences assigned
No exact matches.



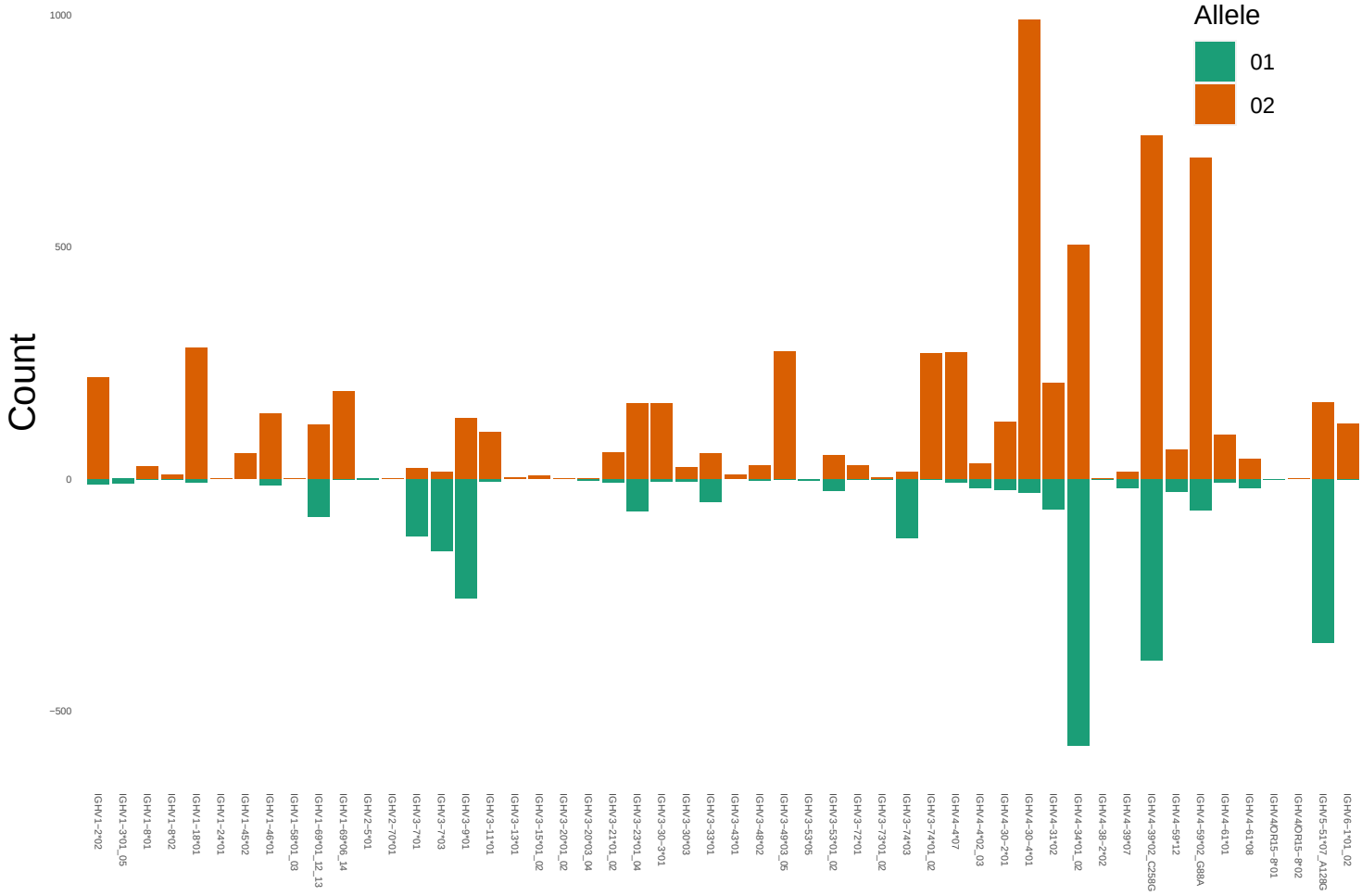
IGHV5−51*07_A128G

5982 sequences assigned
271 (4.5%) exact matches, in which:
254 unique CDR3
5 unique J




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

Sequence Count by IGHJ3 allele usage



Warning − no inferred sequences found.