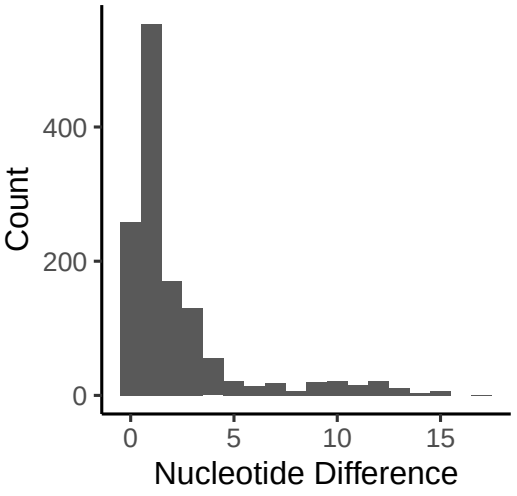
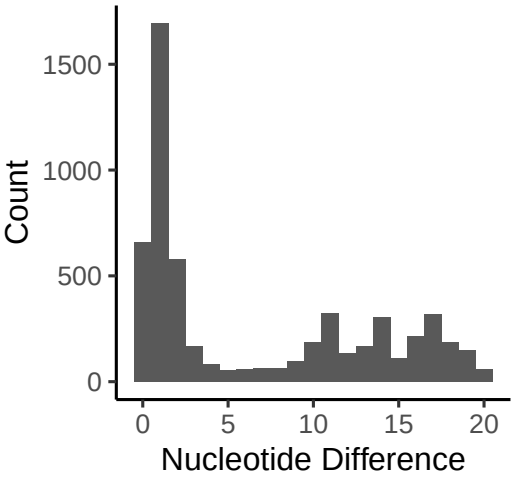
IGHV1−2*04

1334 sequences assigned
259 (19.4%) exact matches, in which:
187 unique CDR3
6 unique J



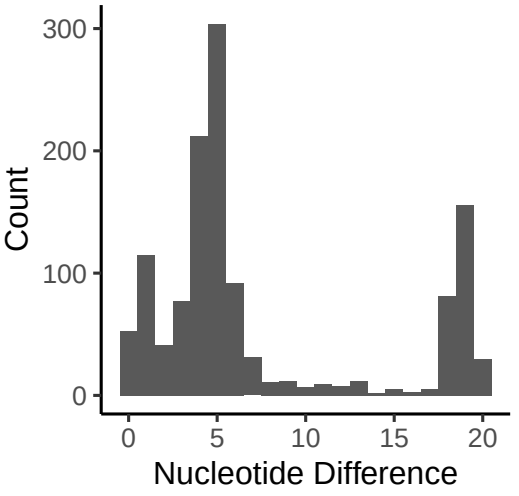
IGHV1−18*01

12617 sequences assigned
658 (5.2%) exact matches, in which:
434 unique CDR3
6 unique J



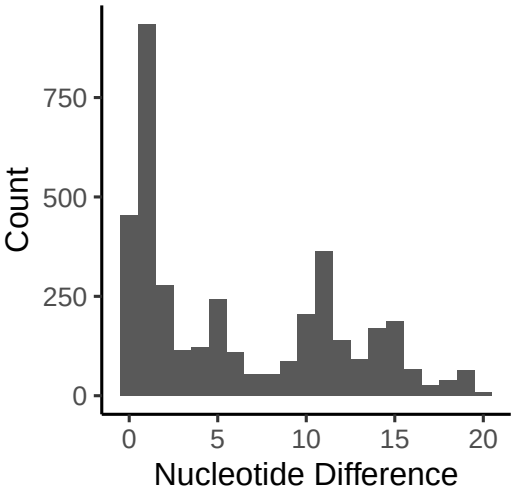
IGHV1−46*03

1399 sequences assigned
53 (3.8%) exact matches, in which:
39 unique CDR3
4 unique J



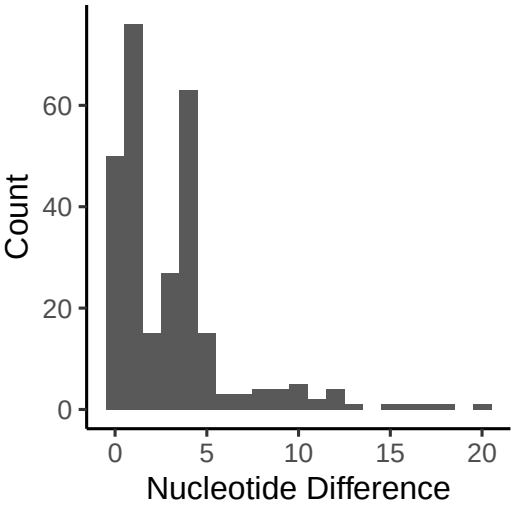
IGHV1−3*01_05

3966 sequences assigned
454 (11.4%) exact matches, in which:
226 unique CDR3
6 unique J



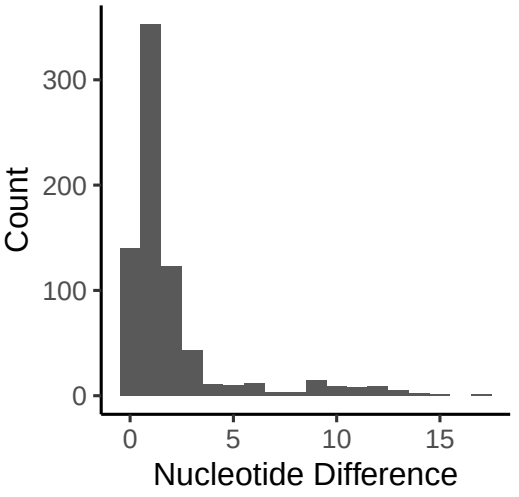
IGHV1−24*01

321 sequences assigned
50 (15.6%) exact matches, in which:
37 unique CDR3
4 unique J



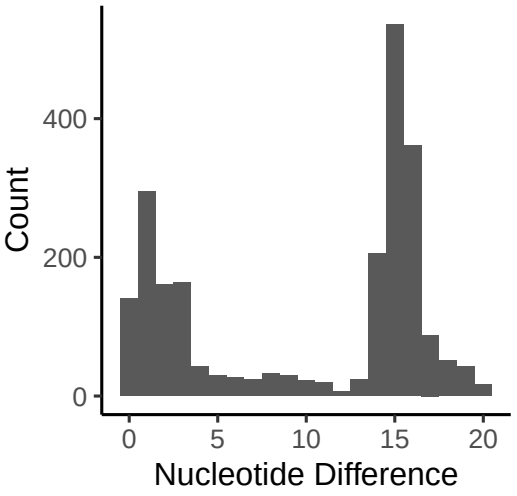
IGHV1−58*02

933 sequences assigned
140 (15%) exact matches, in which:
86 unique CDR3
6 unique J



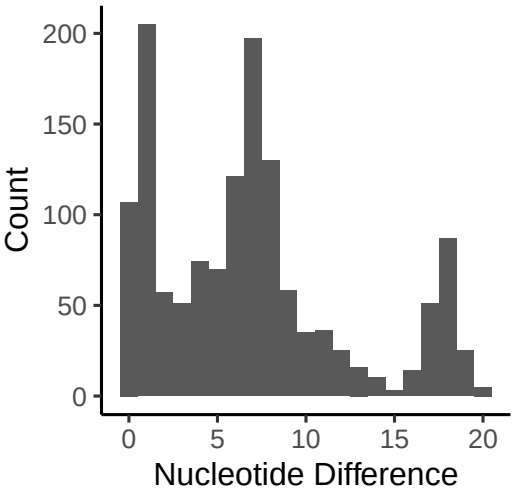
IGHV1−8*01

2369 sequences assigned
141 (6%) exact matches, in which:
99 unique CDR3
6 unique J



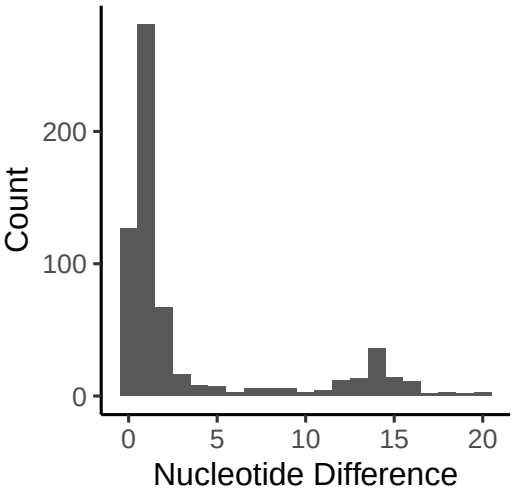
IGHV1−46*01

1398 sequences assigned
107 (7.7%) exact matches, in which:
69 unique CDR3
6 unique J



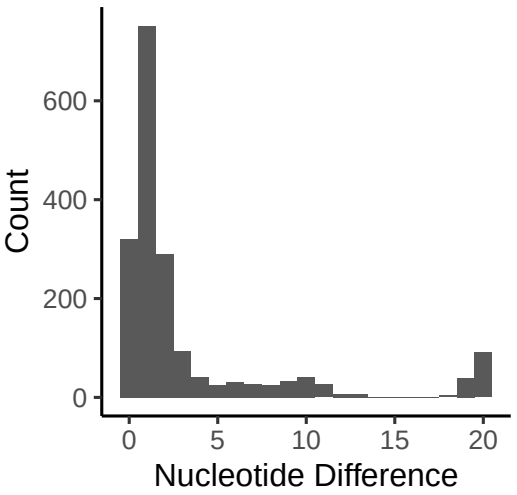
IGHV1−69*02

632 sequences assigned
127 (20.1%) exact matches, in which:
79 unique CDR3
7 unique J



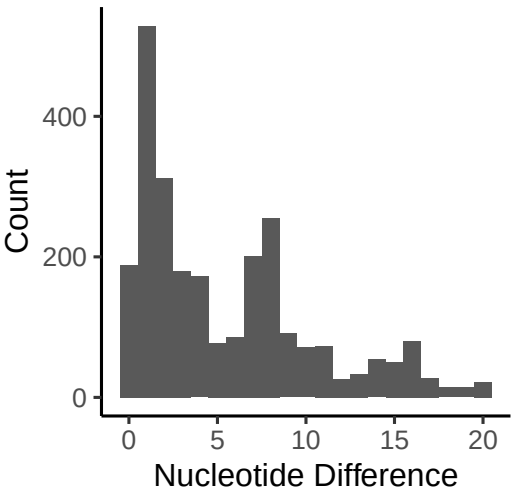
IGHV1−69*01_12_13

2010 sequences assigned
321 (16%) exact matches, in which:
202 unique CDR3
6 unique J



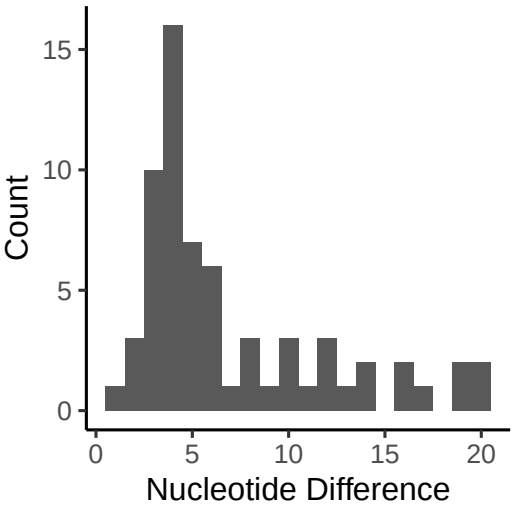
IGHV2−5*02

10392 sequences assigned
188 (1.8%) exact matches, in which:
113 unique CDR3
4 unique J



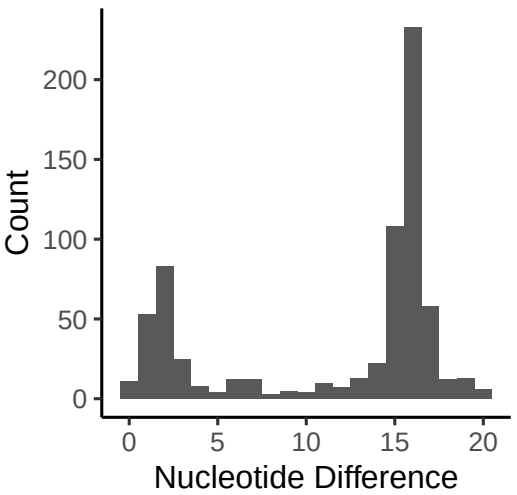
IGHV2−70*12

68 sequences assigned
No exact matches.



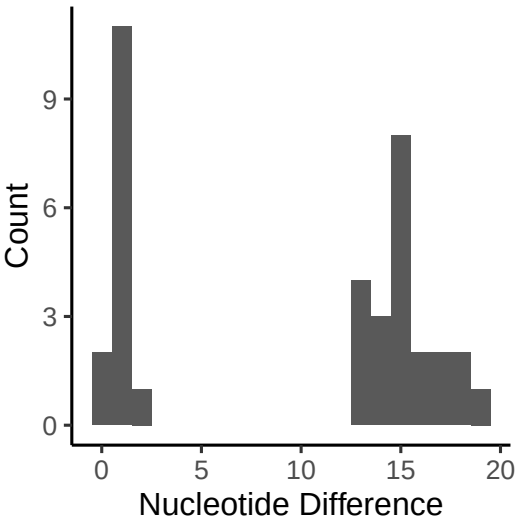
IGHV1−69*04_09

708 sequences assigned
11 (1.6%) exact matches, in which:
9 unique CDR3
3 unique J



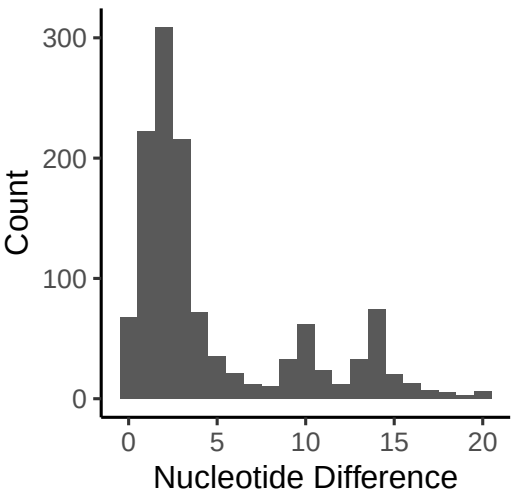
IGHV2−26*01

36 sequences assigned
2 (5.6%) exact matches, in which:
2 unique CDR3
1 unique J



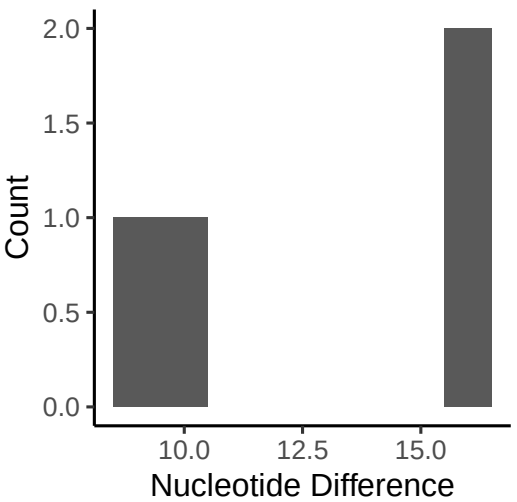
IGHV2−70*11_15

1262 sequences assigned
68 (5.4%) exact matches, in which:
36 unique CDR3
5 unique J



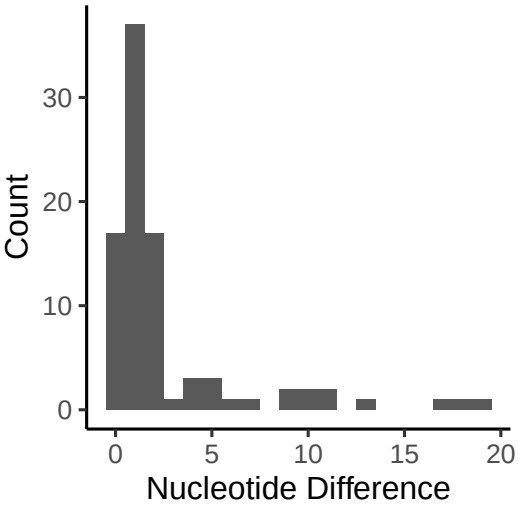
IGHV1−NL1*01

4 sequences assigned
No exact matches.



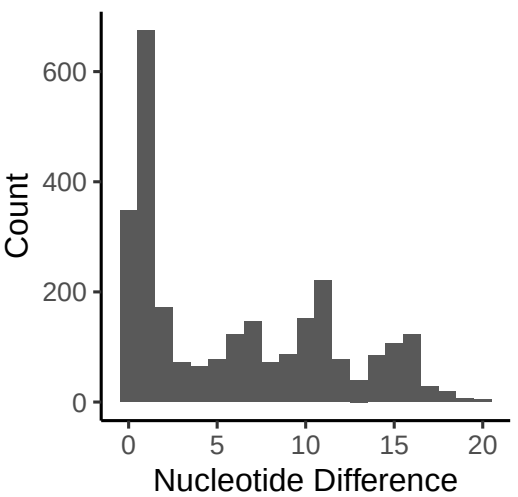
IGHV2−70*01

90 sequences assigned
17 (18.9%) exact matches, in which:
10 unique CDR3
2 unique J



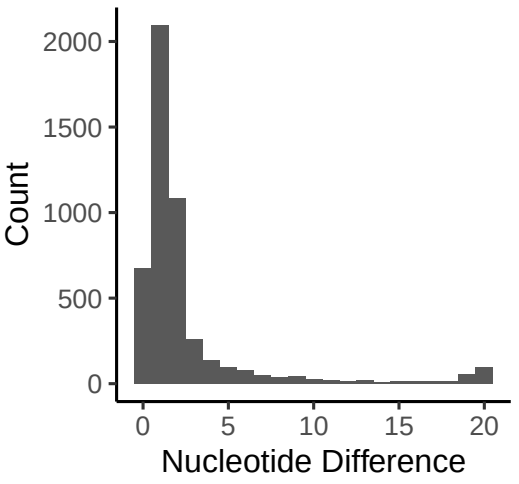
IGHV3−7*01

2711 sequences assigned
348 (12.8%) exact matches, in which:
210 unique CDR3
6 unique J



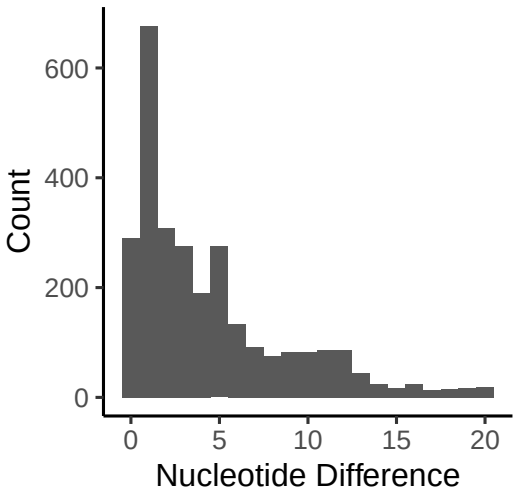
IGHV3−7*03

5911 sequences assigned
678 (11.5%) exact matches, in which:
273 unique CDR3
6 unique J



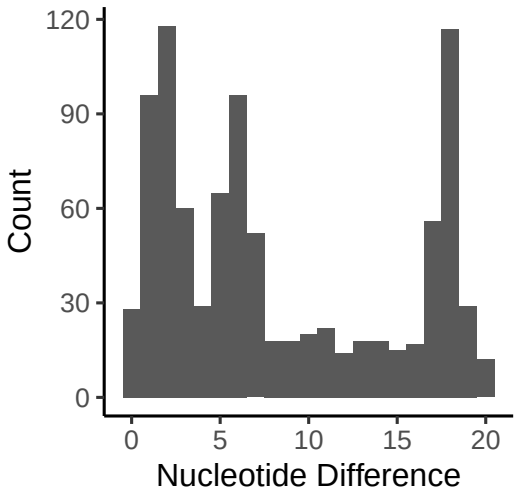
IGHV3−9*01

2870 sequences assigned
291 (10.1%) exact matches, in which:
157 unique CDR3
6 unique J



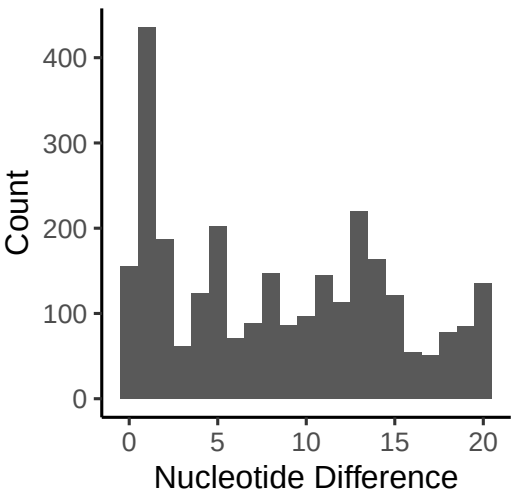
IGHV3−11*06

945 sequences assigned
28 (3%) exact matches, in which:
20 unique CDR3
5 unique J



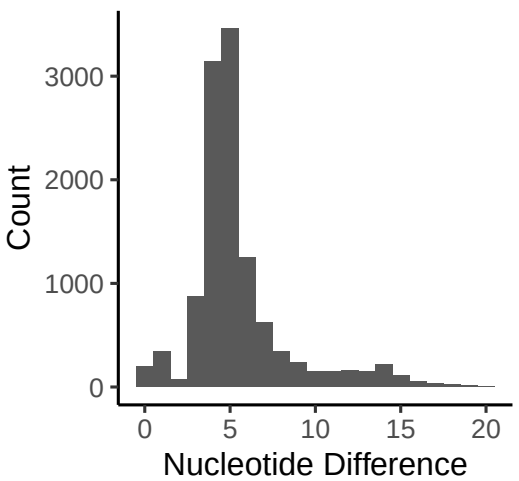
IGHV3−7*04

3043 sequences assigned
155 (5.1%) exact matches, in which:
85 unique CDR3
7 unique J



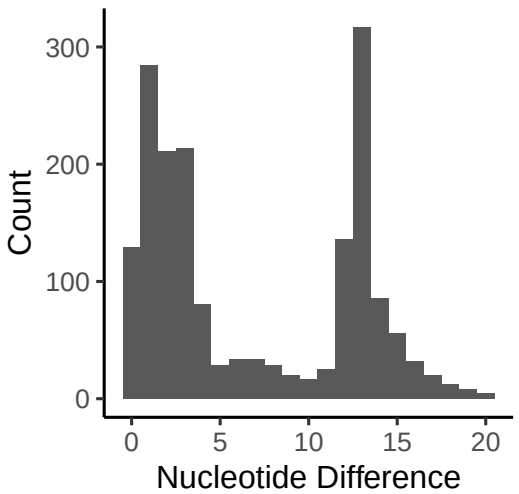
IGHV3−11*01

11670 sequences assigned
196 (1.7%) exact matches, in which:
123 unique CDR3
6 unique J



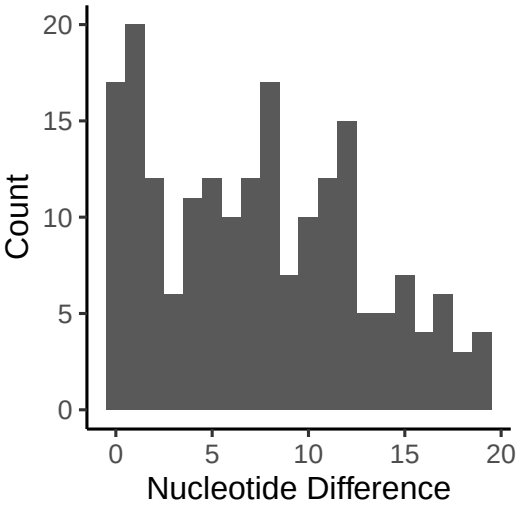
IGHV3−11*03_05

1923 sequences assigned
129 (6.7%) exact matches, in which:
81 unique CDR3
7 unique J



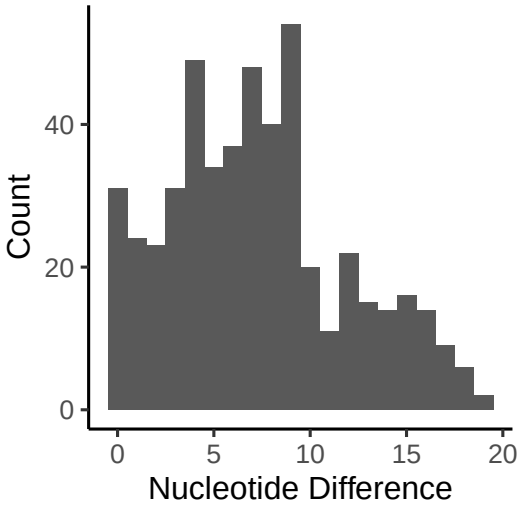
IGHV3−7*05

208 sequences assigned
17 (8.2%) exact matches, in which:
11 unique CDR3
5 unique J



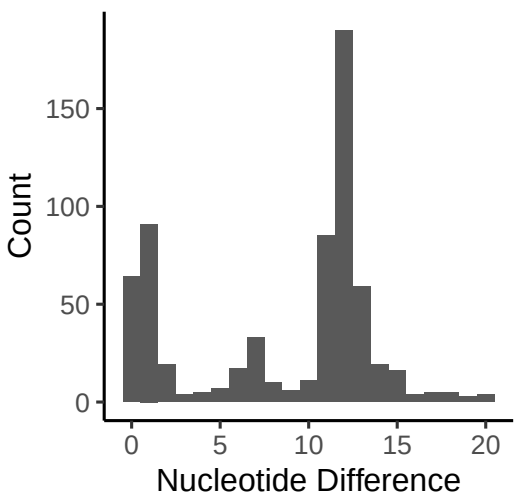
IGHV3−11*04

500 sequences assigned
31 (6.2%) exact matches, in which:
27 unique CDR3
5 unique J



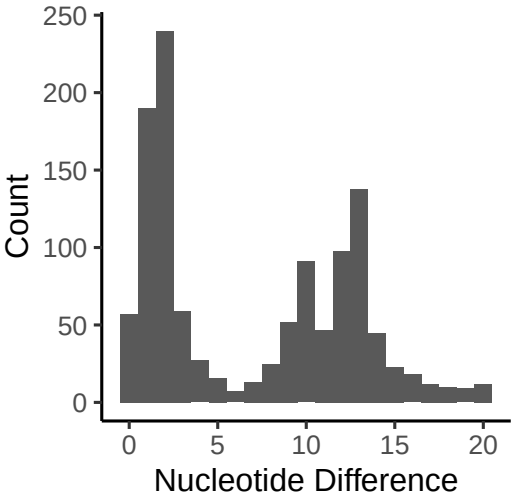
IGHV3−13*04

668 sequences assigned
64 (9.6%) exact matches, in which:
43 unique CDR3
4 unique J



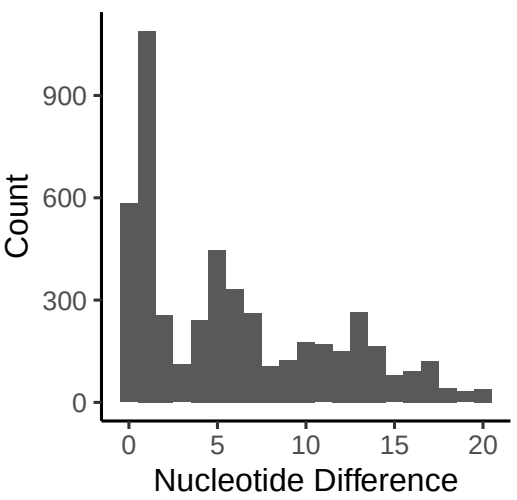
IGHV3−15*01_02

1707 sequences assigned
57 (3.3%) exact matches, in which:
36 unique CDR3
3 unique J



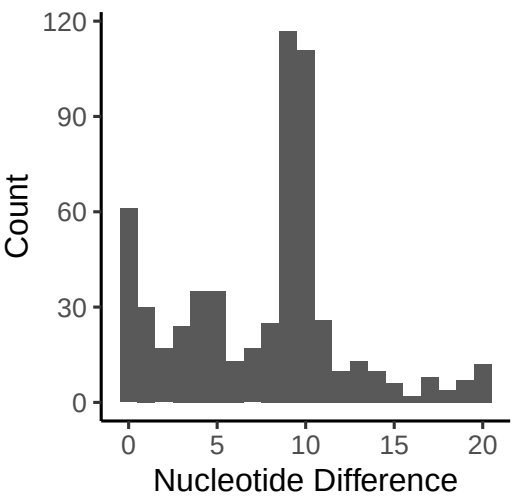
IGHV3−21*01_02

5040 sequences assigned
583 (11.6%) exact matches, in which:
352 unique CDR3
6 unique J



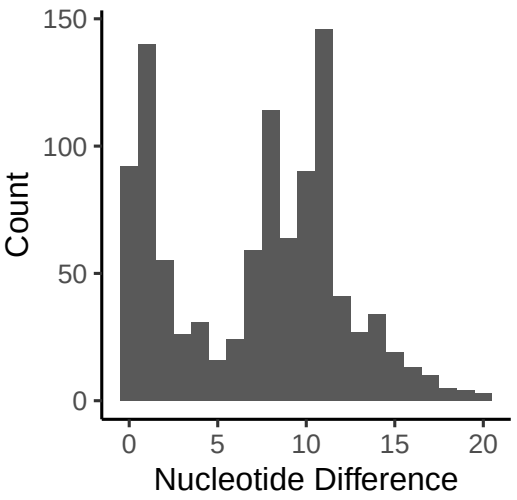
IGHV3−30*03

615 sequences assigned
61 (9.9%) exact matches, in which:
53 unique CDR3
6 unique J



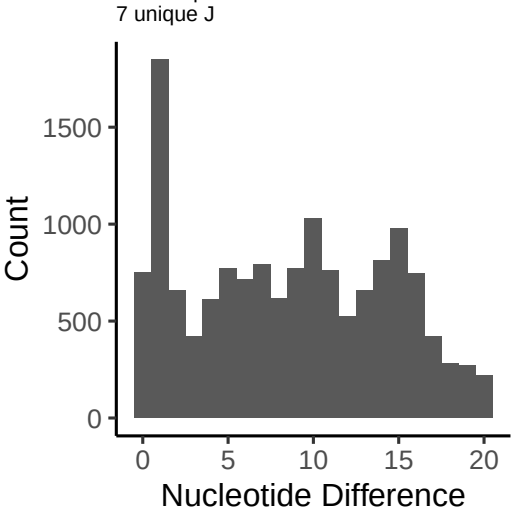
IGHV3−20*03_04

1022 sequences assigned
92 (9%) exact matches, in which:
57 unique CDR3
6 unique J



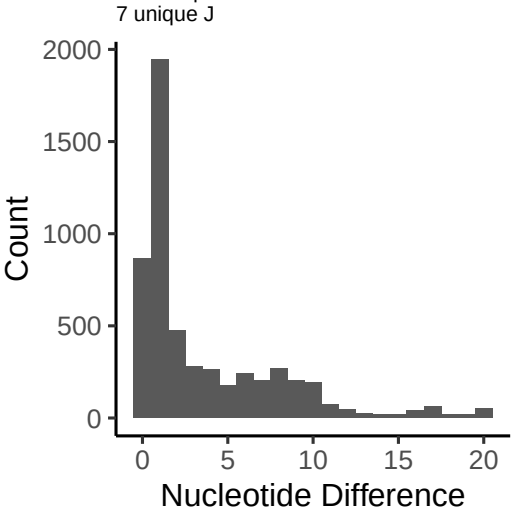
IGHV3−23*01_04

30402 sequences assigned
750 (2.5%) exact matches, in which:
402 unique CDR3
7 unique J



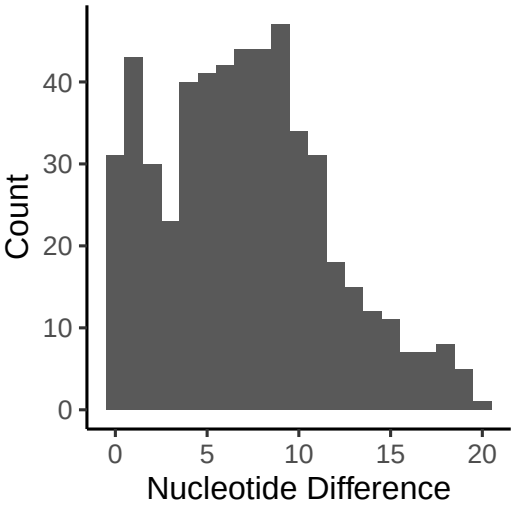
IGHV3−33*01

5781 sequences assigned
863 (14.9%) exact matches, in which:
463 unique CDR3
7 unique J



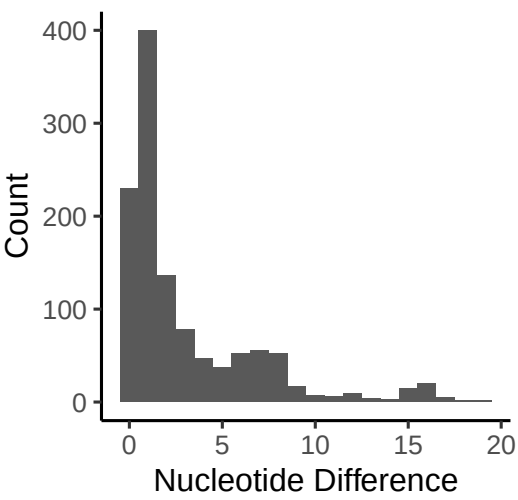
IGHV3−21*04

543 sequences assigned
31 (5.7%) exact matches, in which:
24 unique CDR3
6 unique J



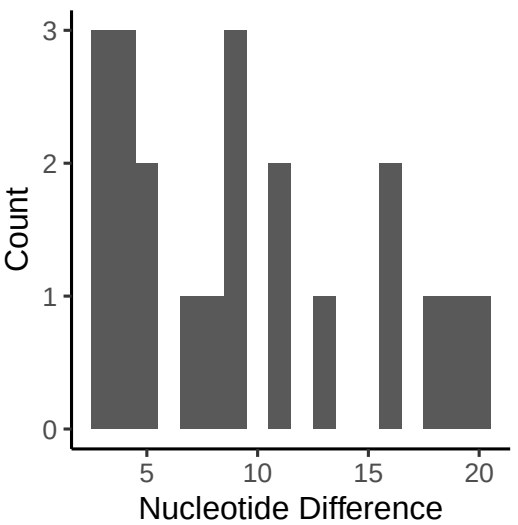
IGHV3−30−3*01

1280 sequences assigned
230 (18%) exact matches, in which:
148 unique CDR3
6 unique J



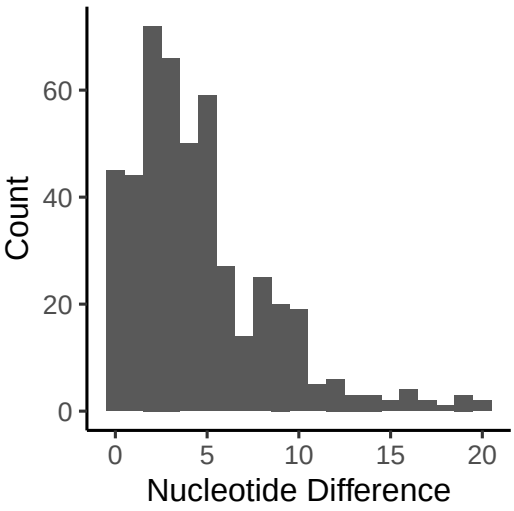
IGHV3−33*05

32 sequences assigned
No exact matches.



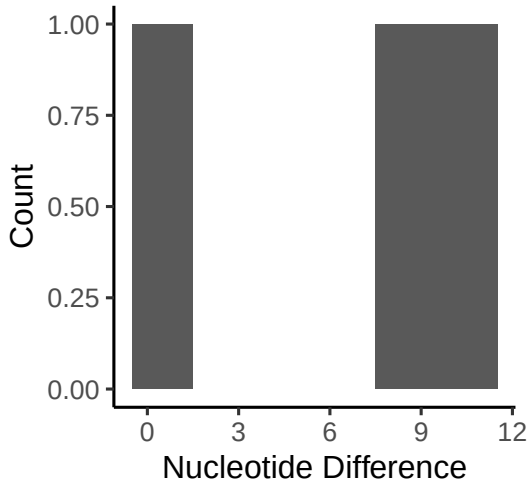
IGHV3−33*06

490 sequences assigned
45 (9.2%) exact matches, in which:
38 unique CDR3
6 unique J



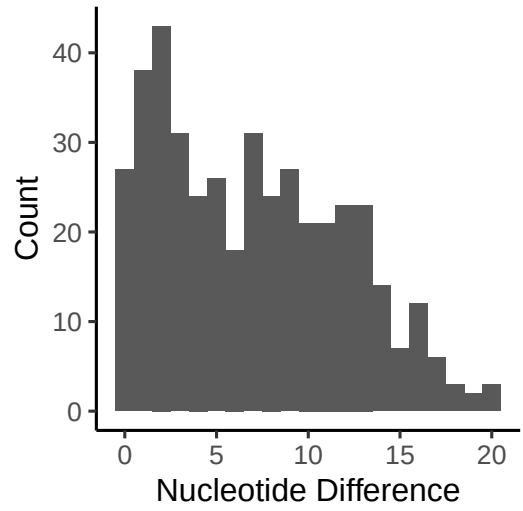
IGHV3−47*02

6 sequences assigned
1 (16.7%) exact matches, in which:
1 unique CDR3
1 unique J



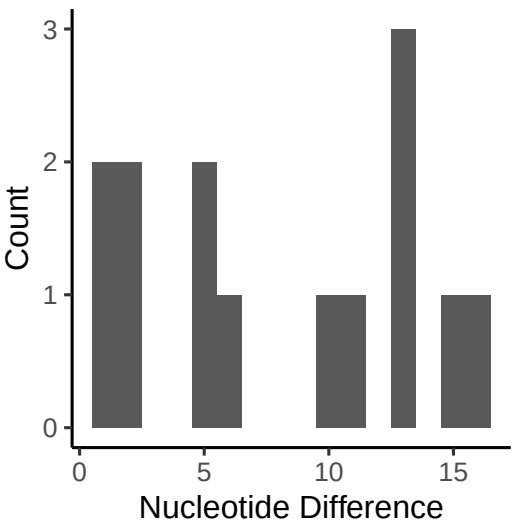
IGHV3−48*04

435 sequences assigned
27 (6.2%) exact matches, in which:
21 unique CDR3
5 unique J



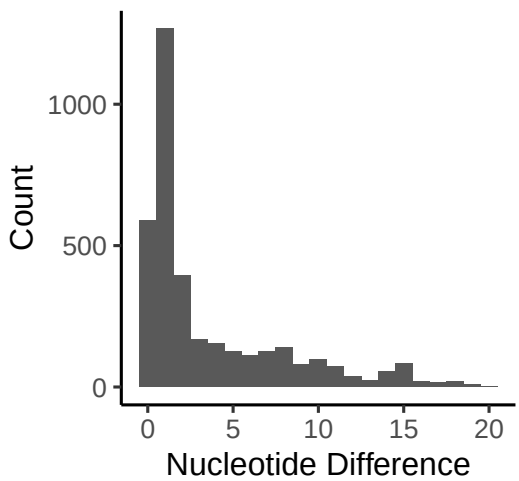
IGHV3−43*01

14 sequences assigned
No exact matches.



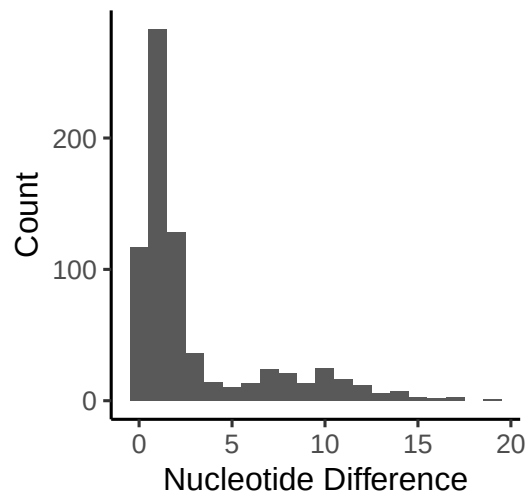
IGHV3−48*01

3851 sequences assigned
589 (15.3%) exact matches, in which:
302 unique CDR3
7 unique J



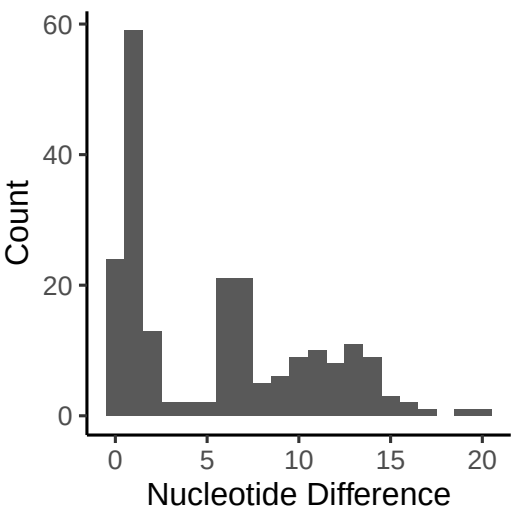
IGHV3−49*04

734 sequences assigned
117 (15.9%) exact matches, in which:
62 unique CDR3
3 unique J



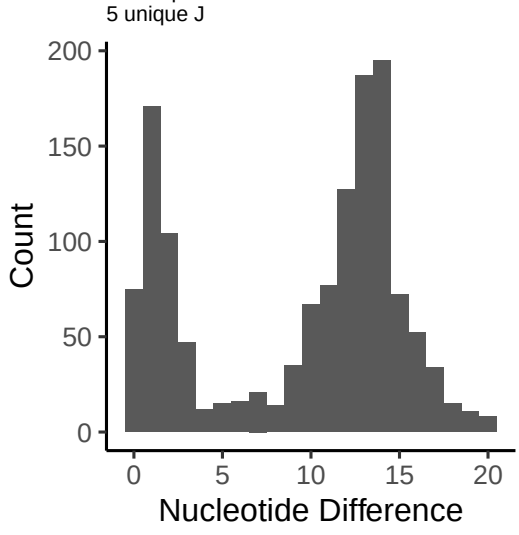
IGHV3−43*02

210 sequences assigned
24 (11.4%) exact matches, in which:
14 unique CDR3
2 unique J



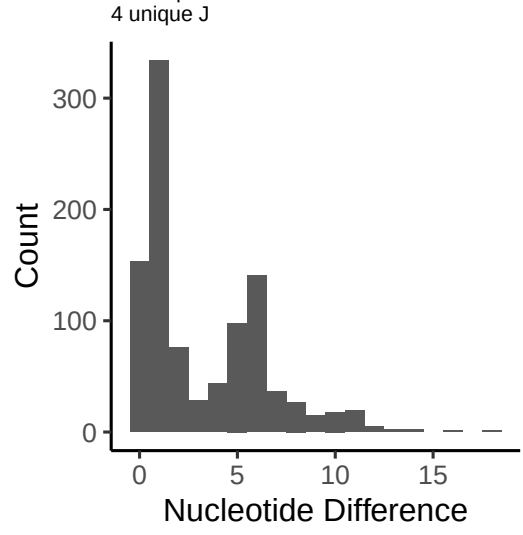
IGHV3−48*03

1378 sequences assigned
75 (5.4%) exact matches, in which:
49 unique CDR3
5 unique J



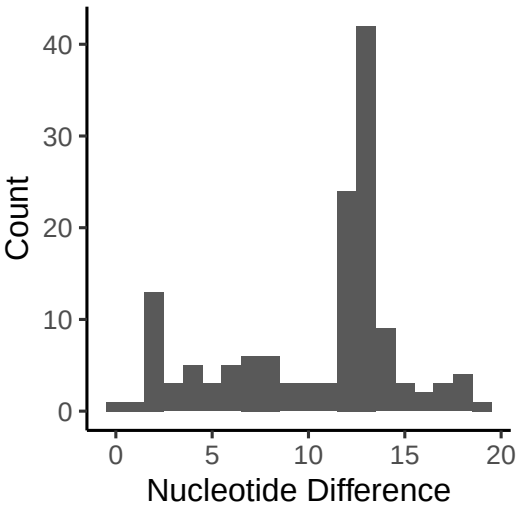
IGHV3−49*03_05

1004 sequences assigned
153 (15.2%) exact matches, in which:
87 unique CDR3
4 unique J



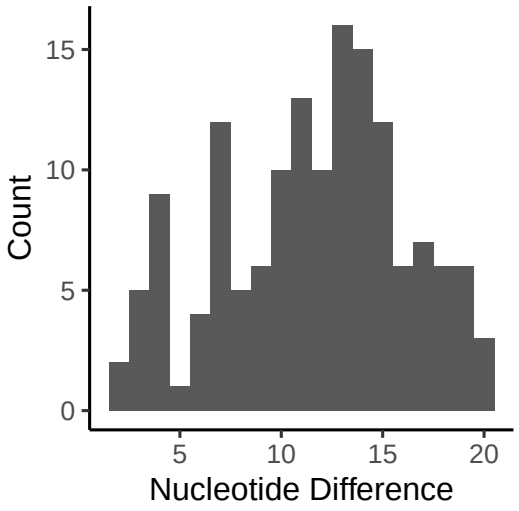
IGHV3−53*05

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



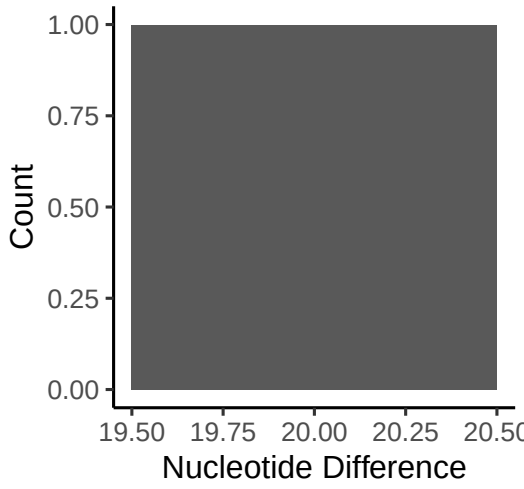
IGHV3−64*04

184 sequences assigned
No exact matches.



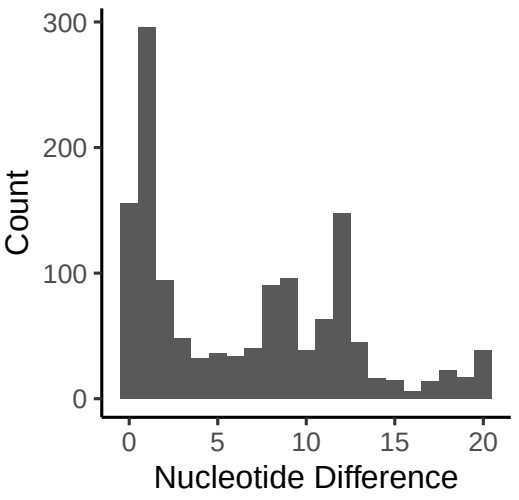
IGHV3−69−1*02

1 sequences assigned
No exact matches.



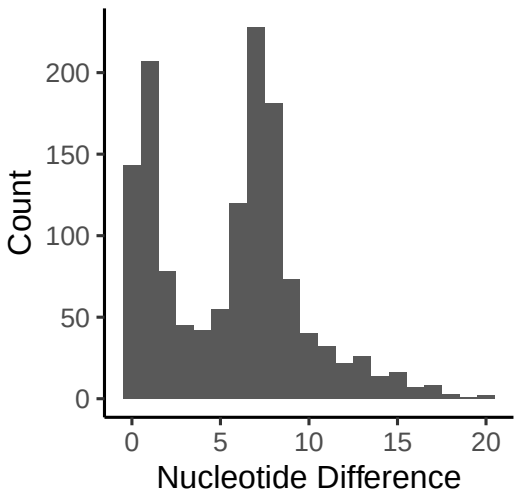
IGHV3−53*01_02

1673 sequences assigned
156 (9.3%) exact matches, in which:
94 unique CDR3
6 unique J



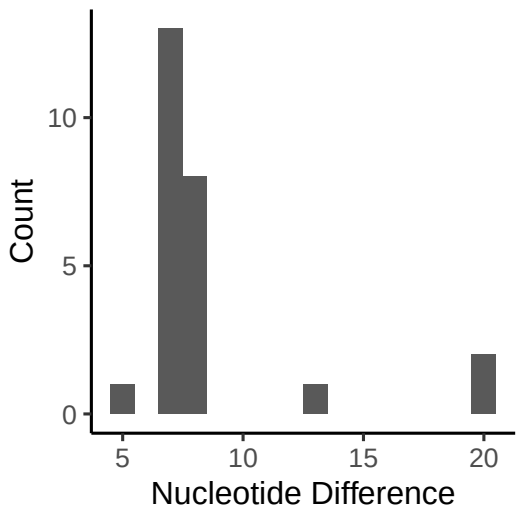
IGHV3−66*01

1436 sequences assigned
143 (10%) exact matches, in which:
104 unique CDR3
7 unique J



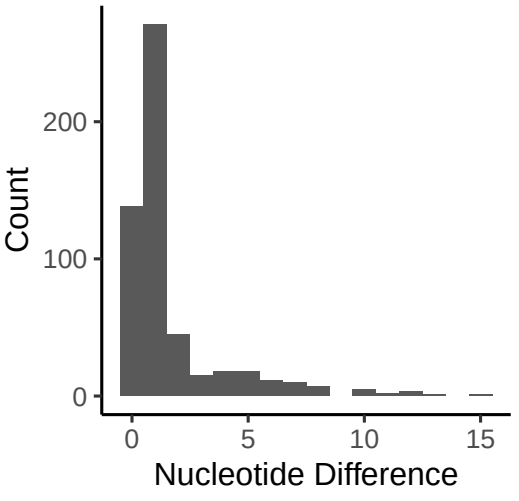
IGHV3−72*01

114 sequences assigned
No exact matches.



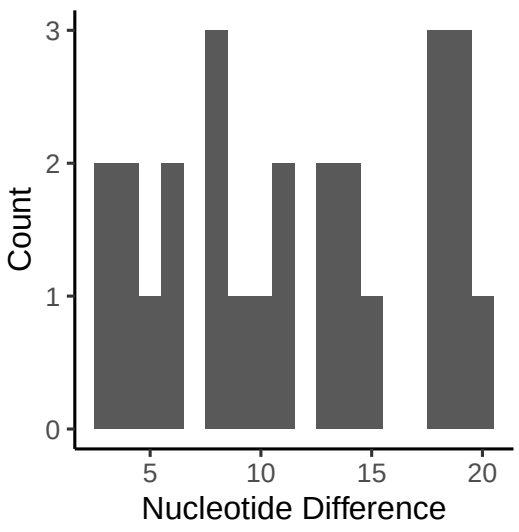
IGHV3−64*01

545 sequences assigned
138 (25.3%) exact matches, in which:
84 unique CDR3
5 unique J



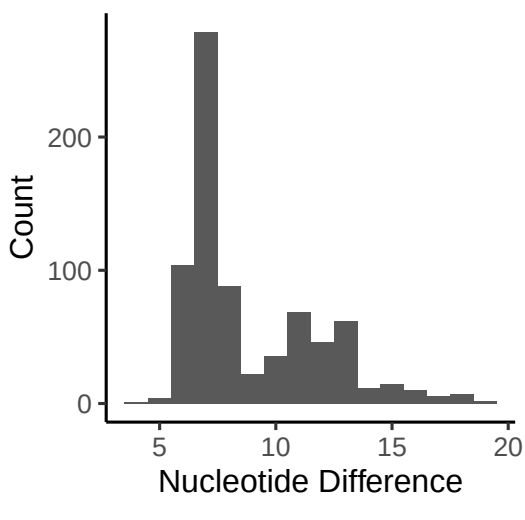
IGHV3−69−1*01

27 sequences assigned
No exact matches.



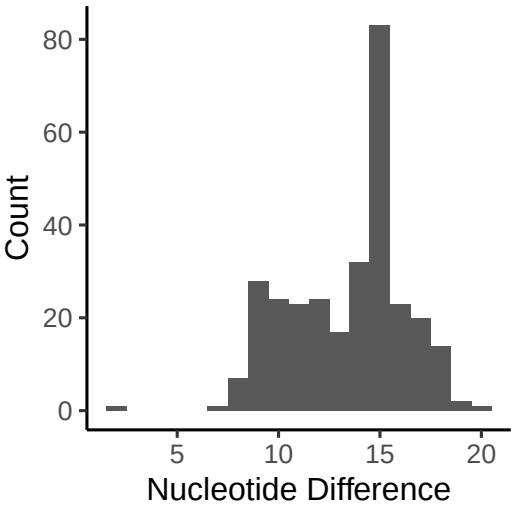
IGHV3−73*01_02

789 sequences assigned
No exact matches.



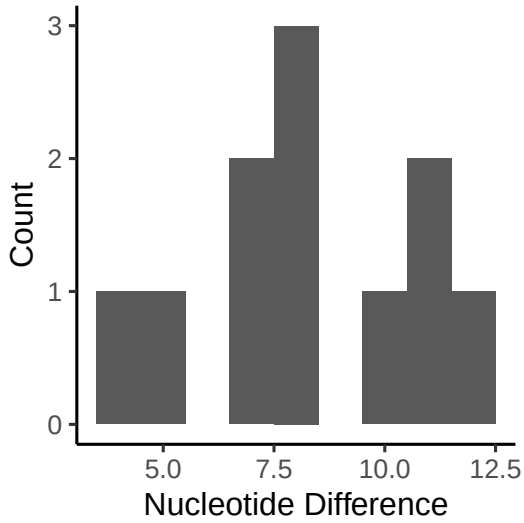
IGHV3−74*03

541 sequences assigned
No exact matches.



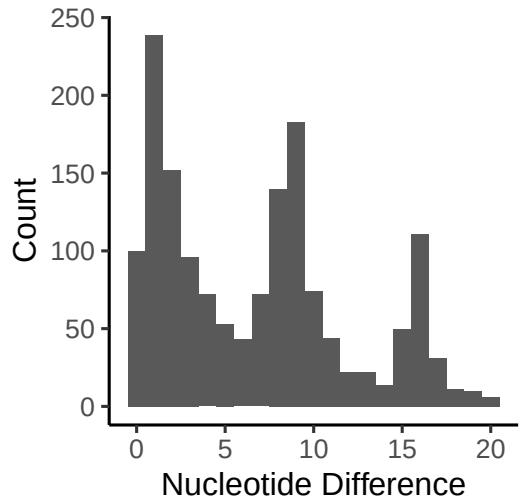
IGHV3−NL1*01

12 sequences assigned
No exact matches.



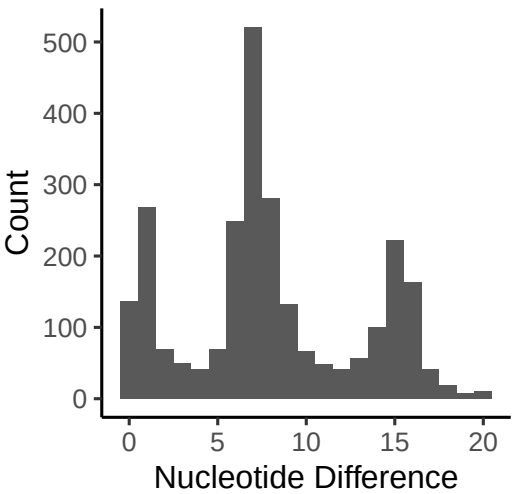
IGHV4−30−4*01

1572 sequences assigned
100 (6.4%) exact matches, in which:
63 unique CDR3
7 unique J



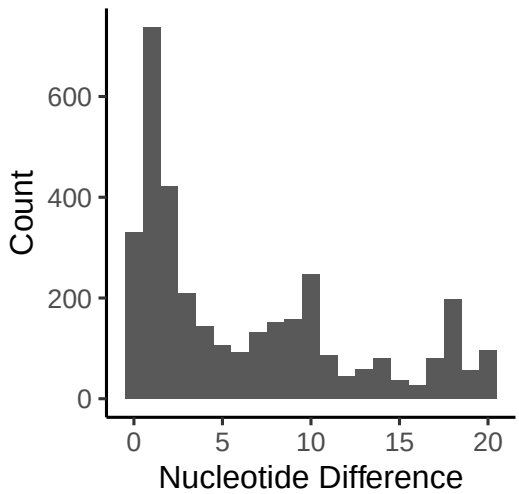
IGHV3−74*01_02

2652 sequences assigned
137 (5.2%) exact matches, in which:
86 unique CDR3
6 unique J



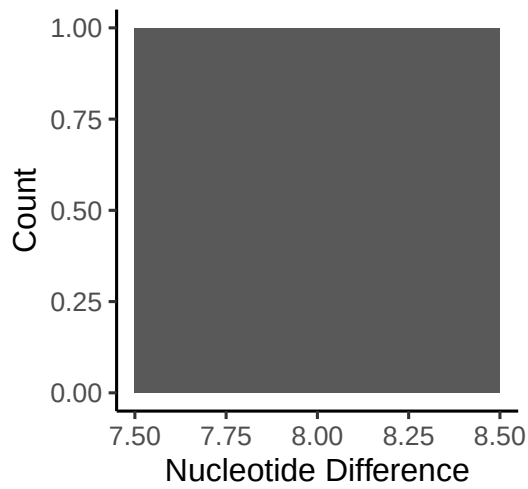
IGHV4−4*02_03

4264 sequences assigned
331 (7.8%) exact matches, in which:
189 unique CDR3
7 unique J



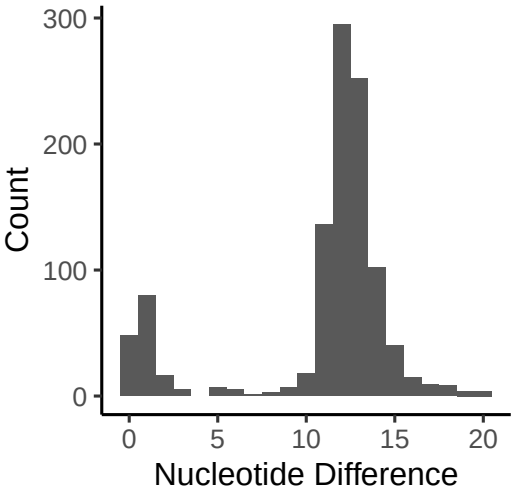
IGHV4−30−2*01

37 sequences assigned
No exact matches.



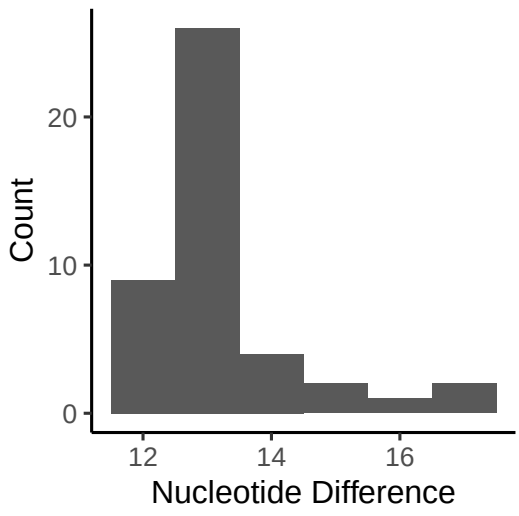
IGHV3−64D*06

2019 sequences assigned
48 (2.4%) exact matches, in which:
30 unique CDR3
4 unique J



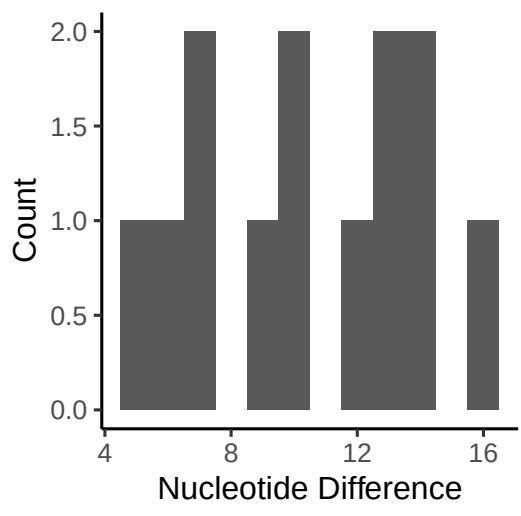
IGHV4−28*03

44 sequences assigned
No exact matches.



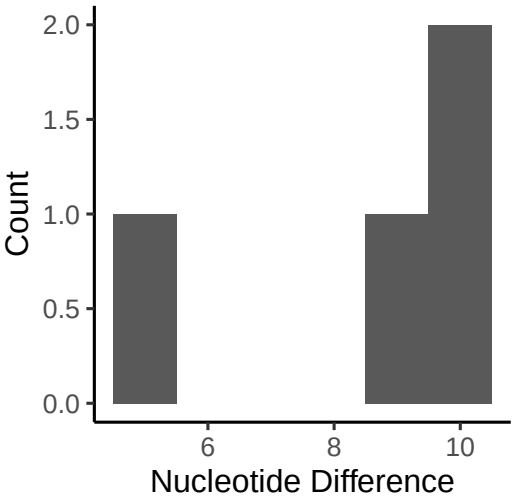
IGHV4−30−2*03

21 sequences assigned
No exact matches.



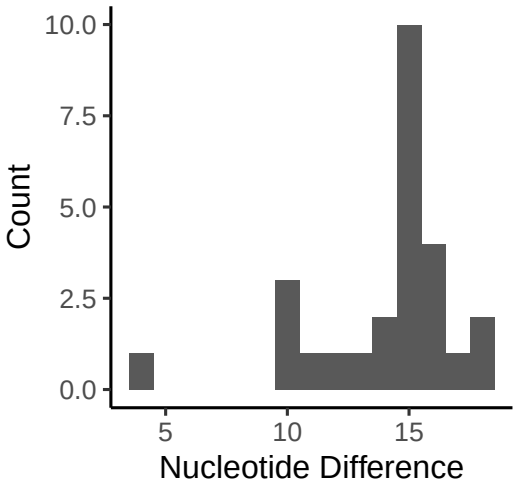
IGHV4−30−2*04

4 sequences assigned
No exact matches.



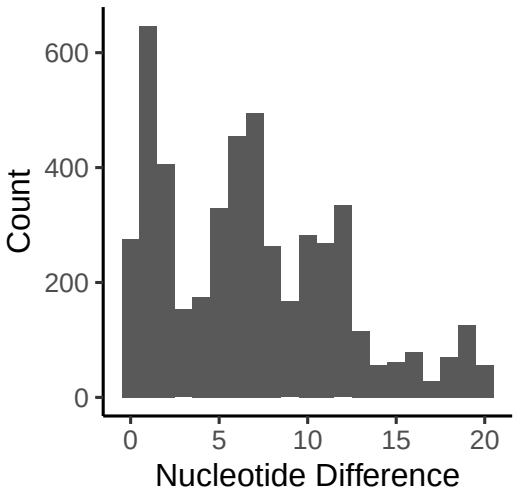
IGHV4−38−2*02

30 sequences assigned
No exact matches.



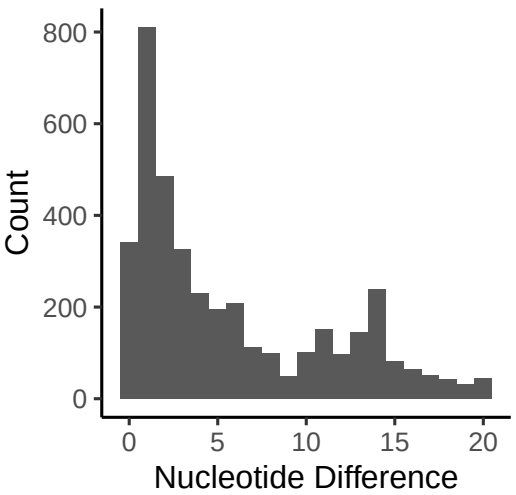
IGHV4−59*01_07

5107 sequences assigned
276 (5.4%) exact matches, in which:
187 unique CDR3
7 unique J



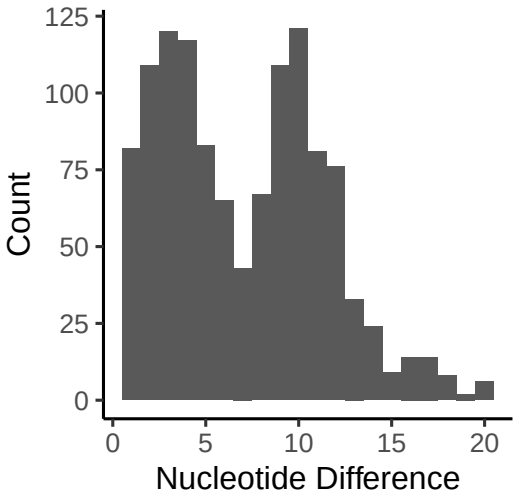
IGHV4−31*02

8186 sequences assigned
342 (4.2%) exact matches, in which:
232 unique CDR3
7 unique J



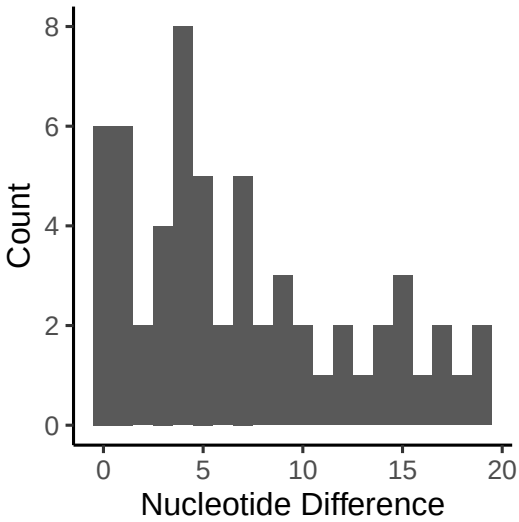
IGHV4−39*07

1260 sequences assigned
No exact matches.



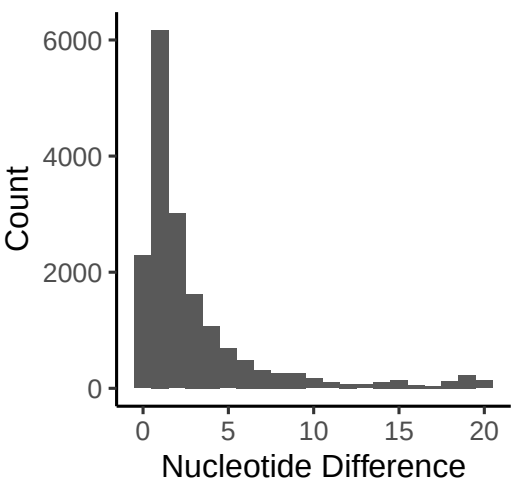
IGHV4−59*11

129 sequences assigned
6 (4.7%) exact matches, in which:
6 unique CDR3
3 unique J



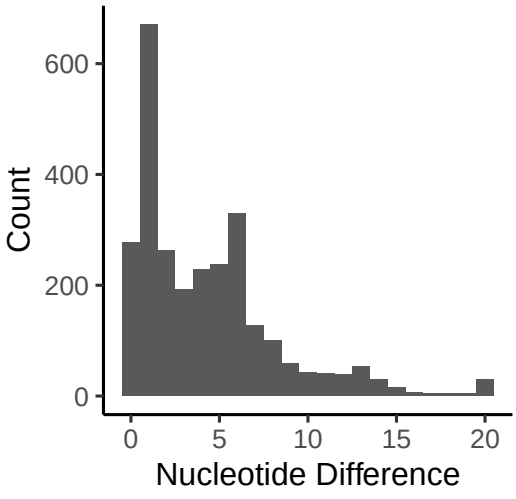
IGHV4−34*01_02

17624 sequences assigned
2288 (13%) exact matches, in which:
1281 unique CDR3
7 unique J



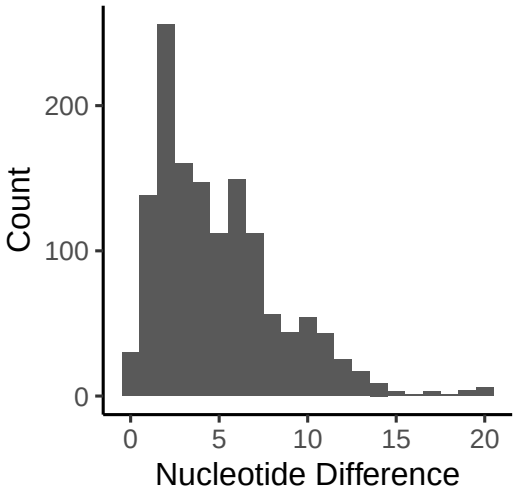
IGHV4−59*08

3633 sequences assigned
277 (7.6%) exact matches, in which:
173 unique CDR3
7 unique J



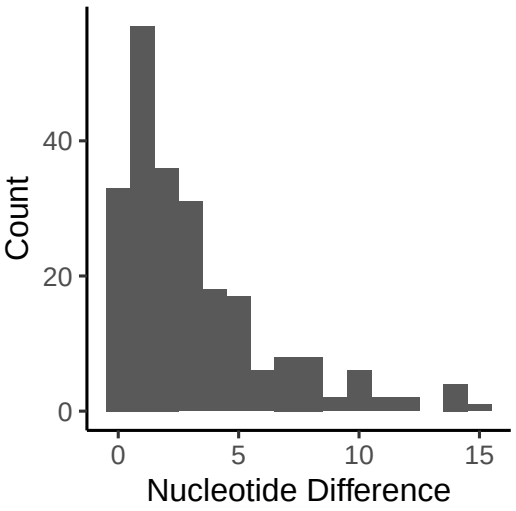
IGHV4−59*12

1549 sequences assigned
30 (1.9%) exact matches, in which:
26 unique CDR3
6 unique J



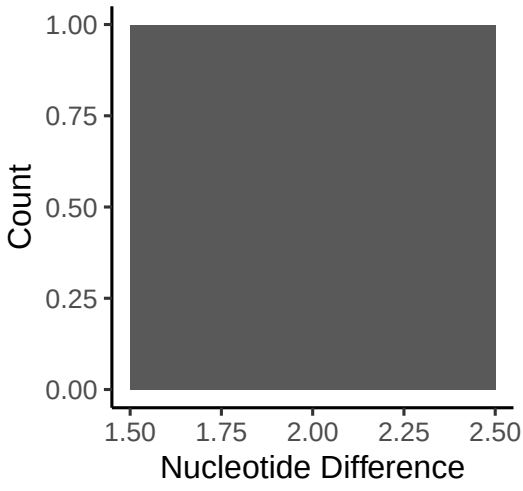
IGHV4−61*01

233 sequences assigned
33 (14.2%) exact matches, in which:
25 unique CDR3
5 unique J



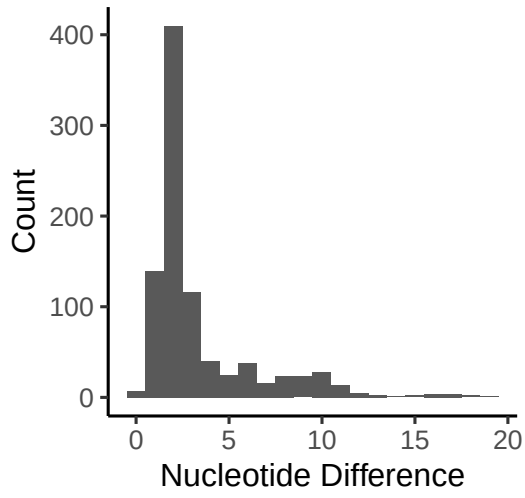
IGHV1/OR15−3*02

2 sequences assigned
No exact matches.



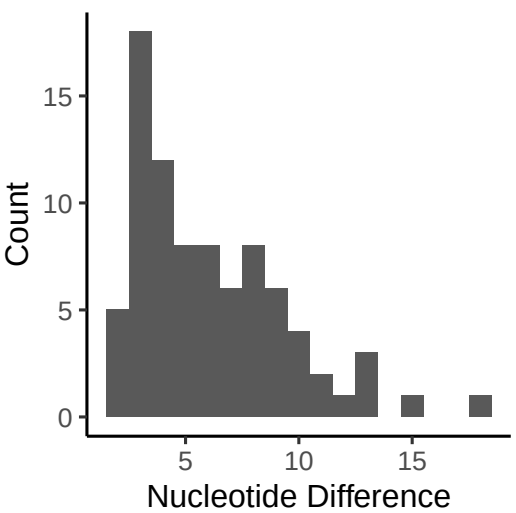
IGHV5−51*07

929 sequences assigned
7 (0.8%) exact matches, in which:
6 unique CDR3
2 unique J



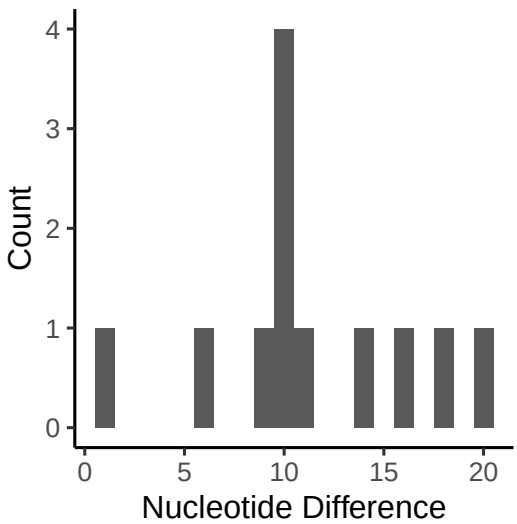
IGHV4−61*05

86 sequences assigned
No exact matches.



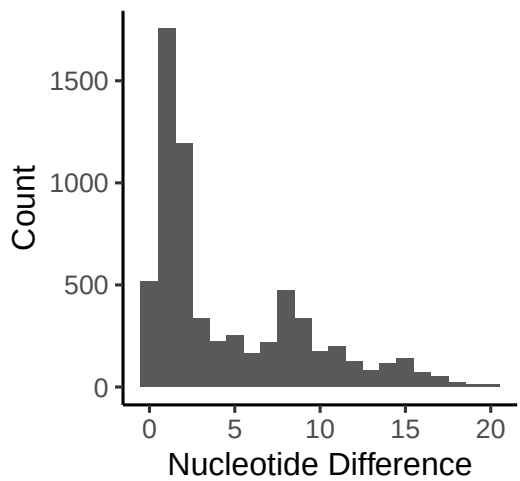
IGHV4/OR15−8*01

26 sequences assigned
No exact matches.



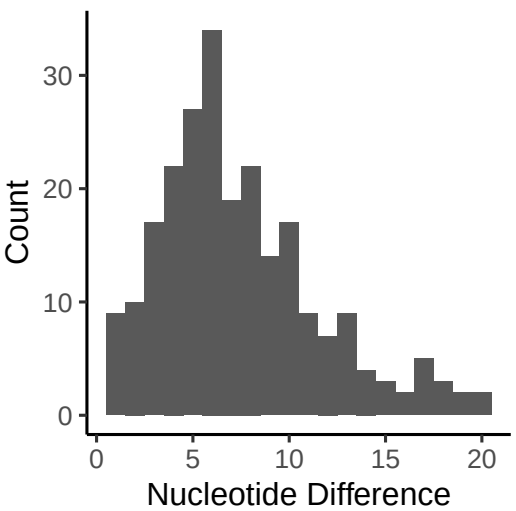
IGHV5−51*01_03

7424 sequences assigned
518 (7%) exact matches, in which:
274 unique CDR3
6 unique J



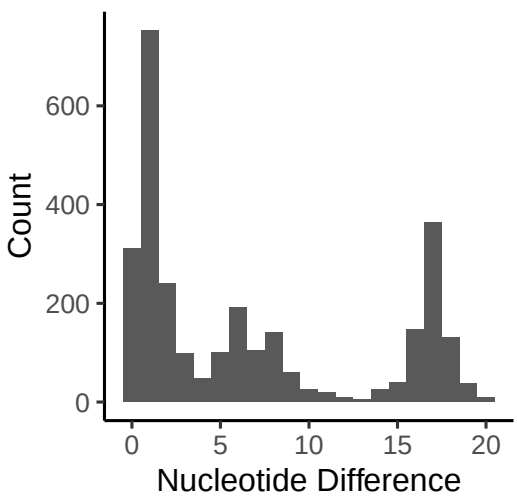
IGHV4−61*08

250 sequences assigned
No exact matches.



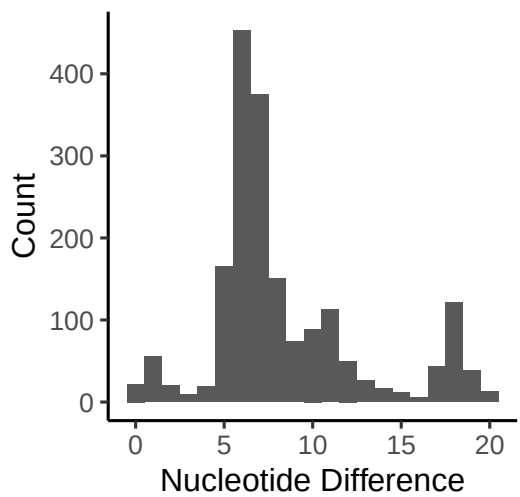
IGHV5−10−1*01_03

2936 sequences assigned
311 (10.6%) exact matches, in which:
165 unique CDR3
6 unique J



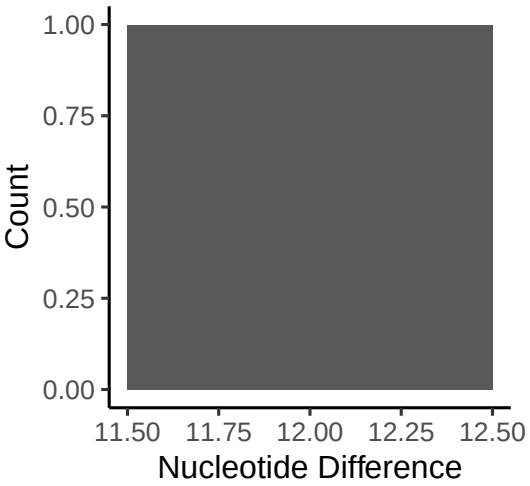
IGHV6−1*01_02

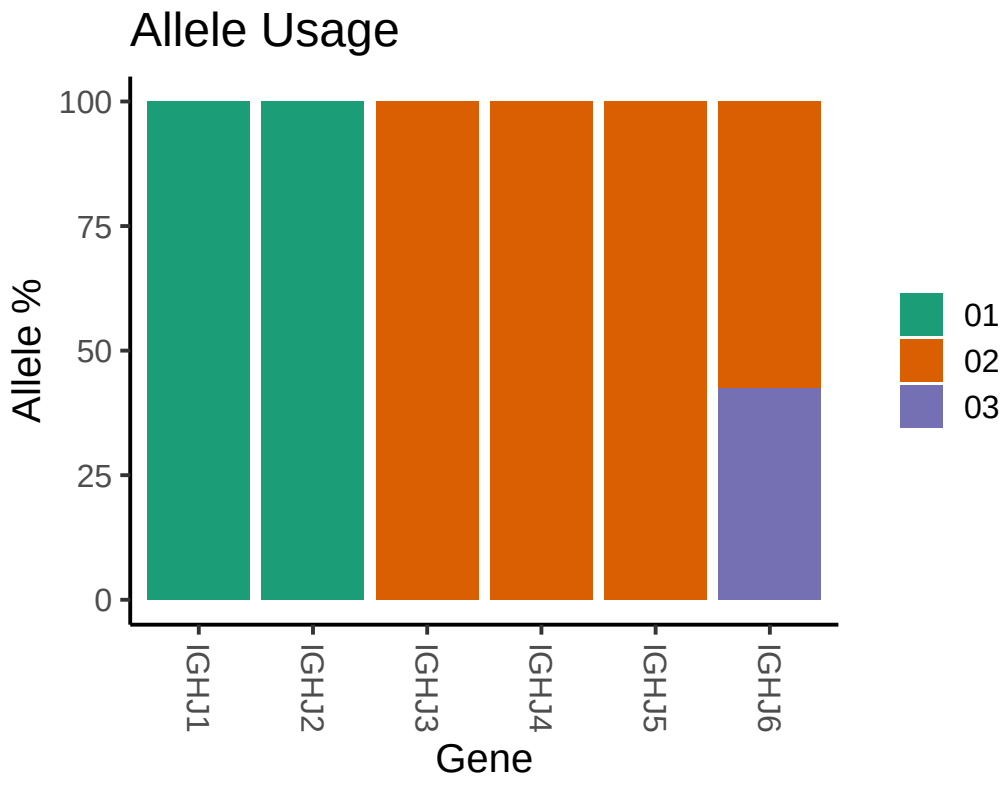
1892 sequences assigned
22 (1.2%) exact matches, in which:
17 unique CDR3
4 unique J



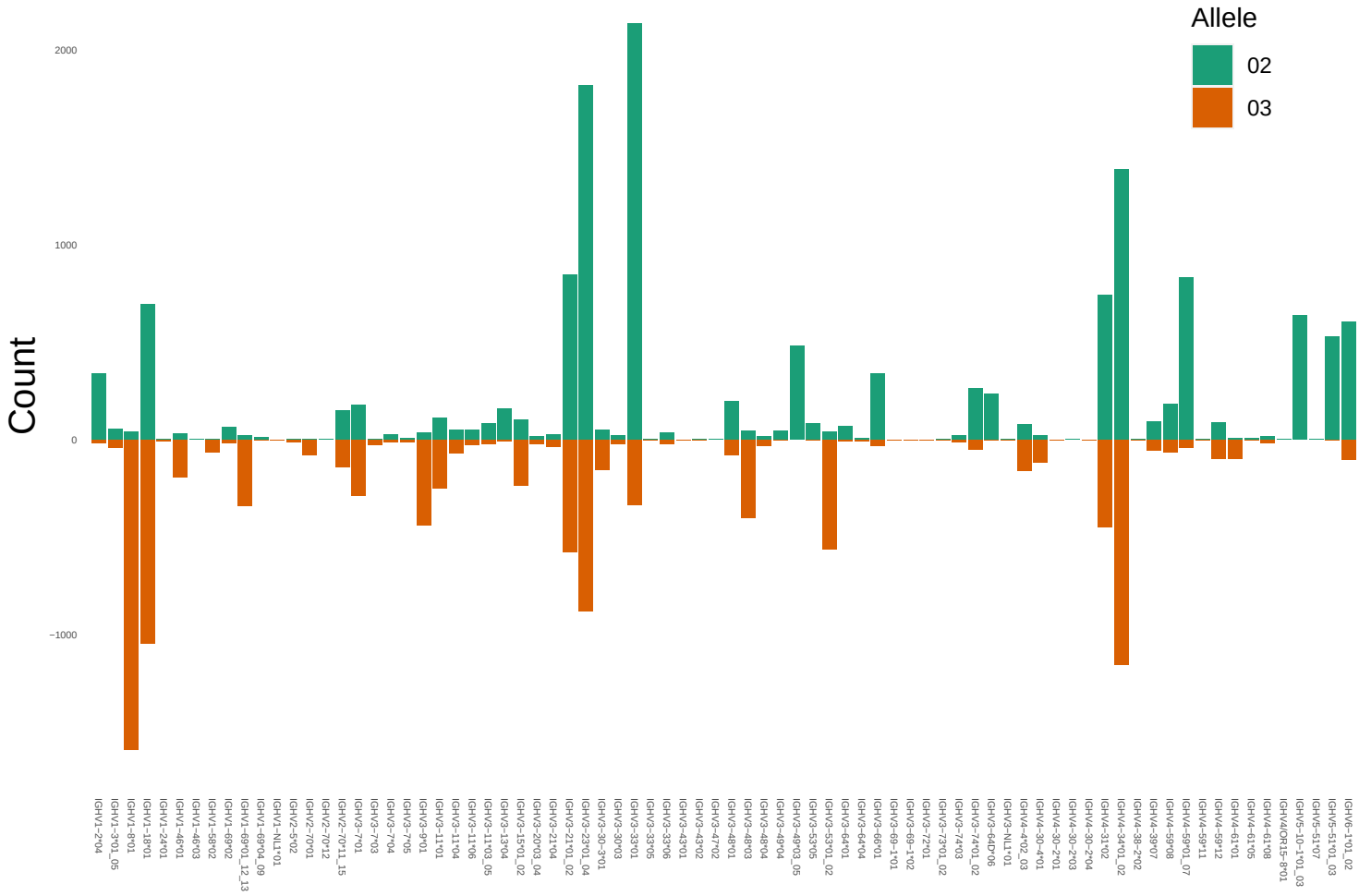
IGHV7−4−1*02

1 sequences assigned
No exact matches.




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.