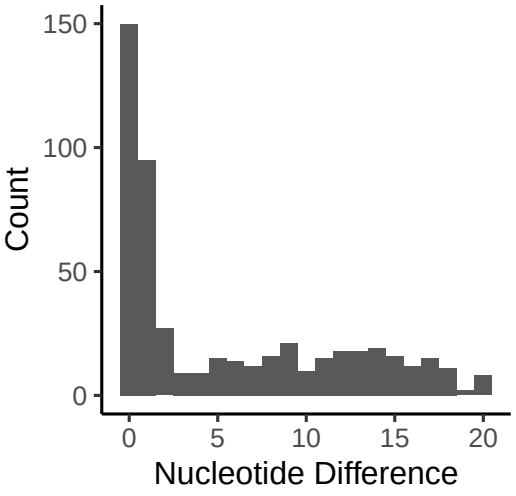
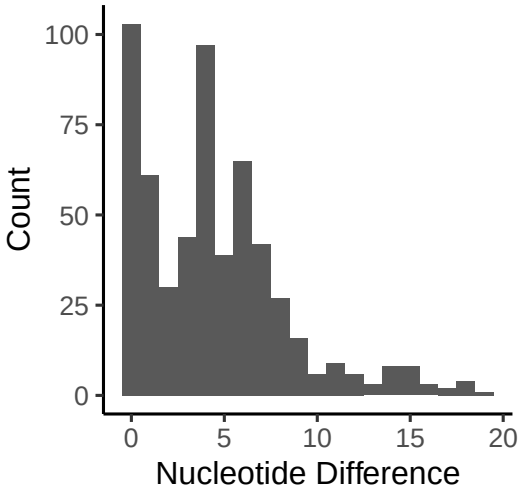
IGHV1−2*02

574 sequences assigned
150 (26.1%) exact matches, in which:
143 unique CDR3
6 unique J



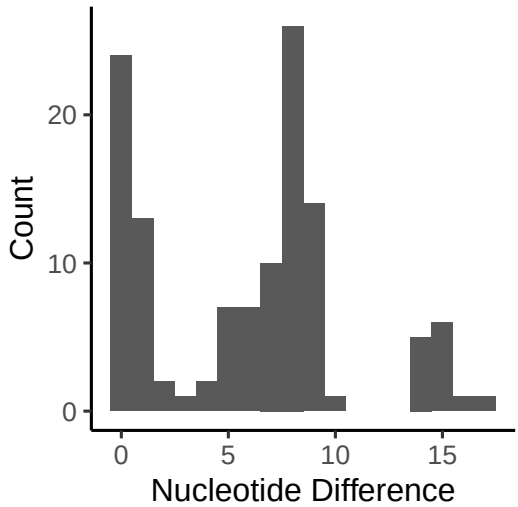
IGHV1−8*01

576 sequences assigned
103 (17.9%) exact matches, in which:
100 unique CDR3
5 unique J



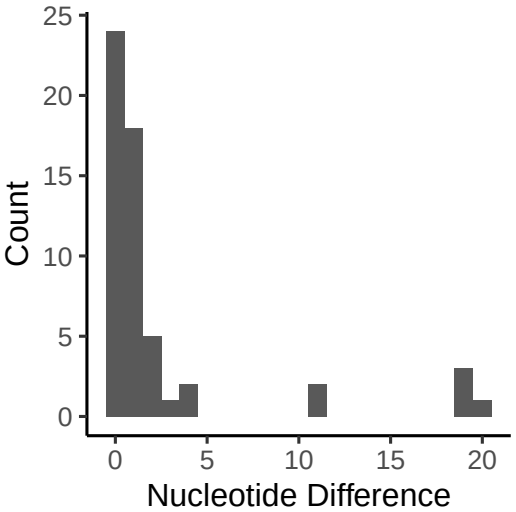
IGHV1−24*01

120 sequences assigned
24 (20%) exact matches, in which:
22 unique CDR3
4 unique J



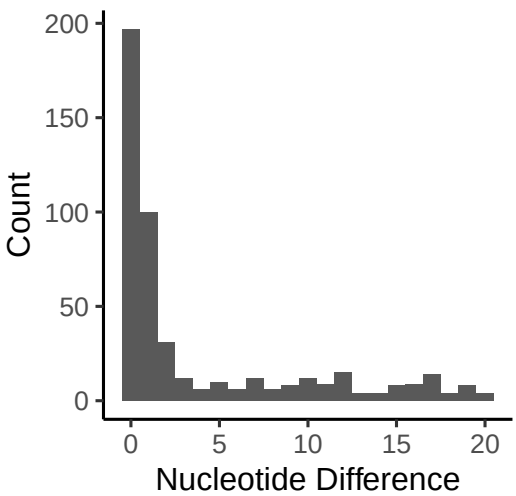
IGHV1−2*04

59 sequences assigned
24 (40.7%) exact matches, in which:
24 unique CDR3
5 unique J



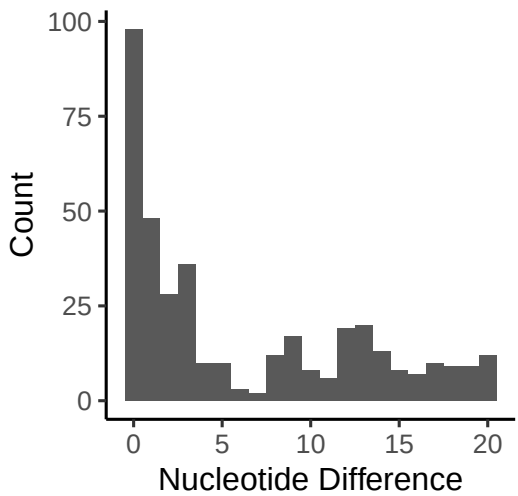
IGHV1−18*01

493 sequences assigned
197 (40%) exact matches, in which:
180 unique CDR3
5 unique J



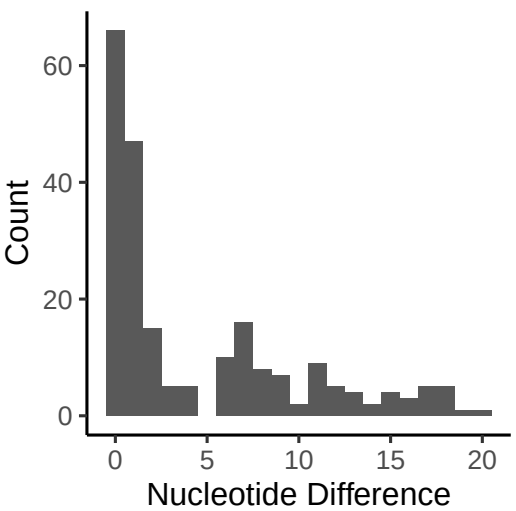
IGHV1−46*01

428 sequences assigned
98 (22.9%) exact matches, in which:
90 unique CDR3
6 unique J



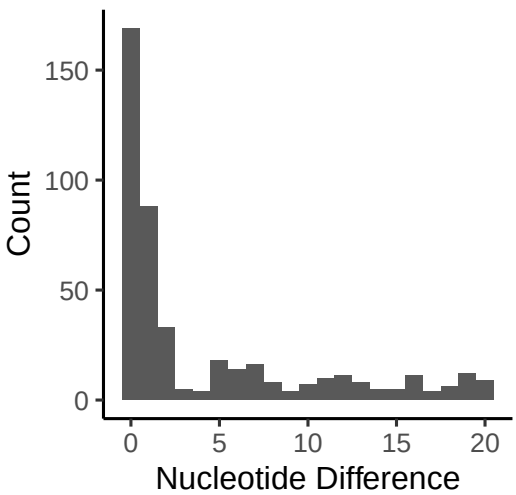
IGHV1−3*01

260 sequences assigned
66 (25.4%) exact matches, in which:
64 unique CDR3
4 unique J



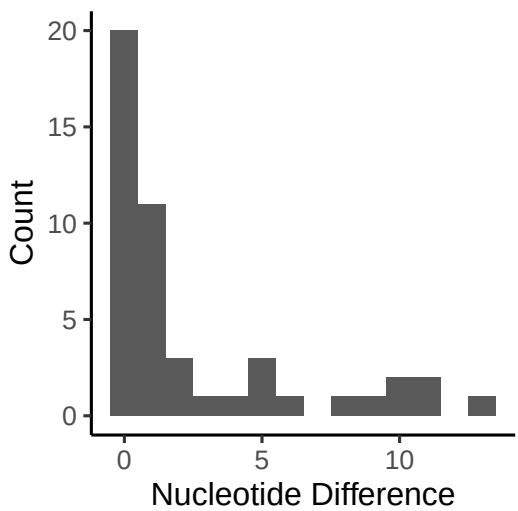
IGHV1−18*04

457 sequences assigned
169 (37%) exact matches, in which:
159 unique CDR3
5 unique J



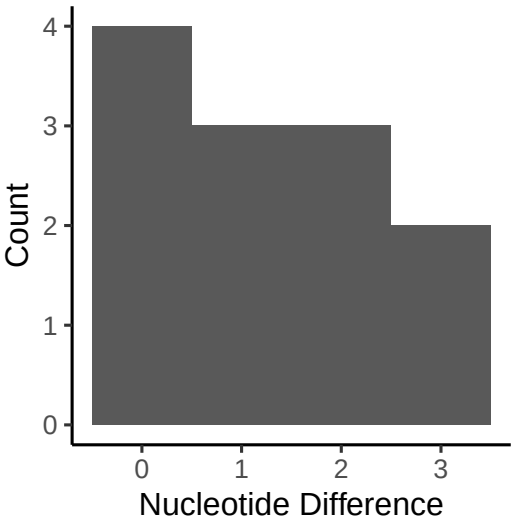
IGHV1−58*01

66 sequences assigned
20 (30.3%) exact matches, in which:
19 unique CDR3
6 unique J



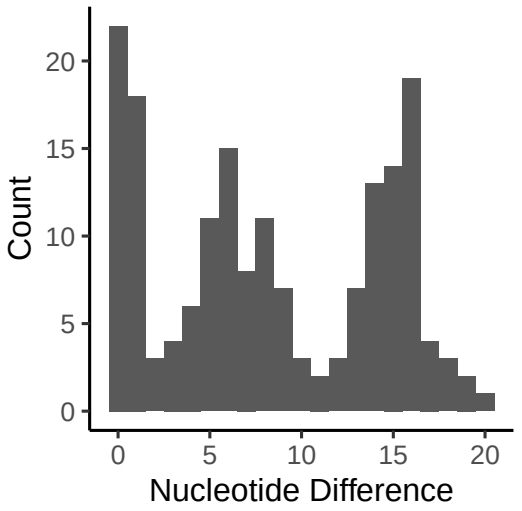
IGHV1−69−2*01

12 sequences assigned
4 (33.3%) exact matches, in which:
4 unique CDR3
1 unique J



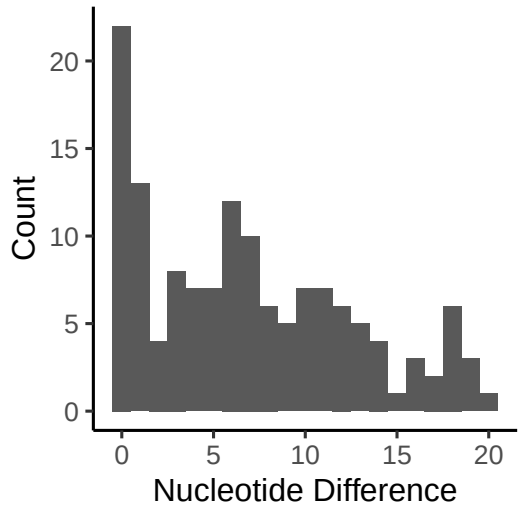
IGHV2−5*02

337 sequences assigned
22 (6.5%) exact matches, in which:
20 unique CDR3
5 unique J



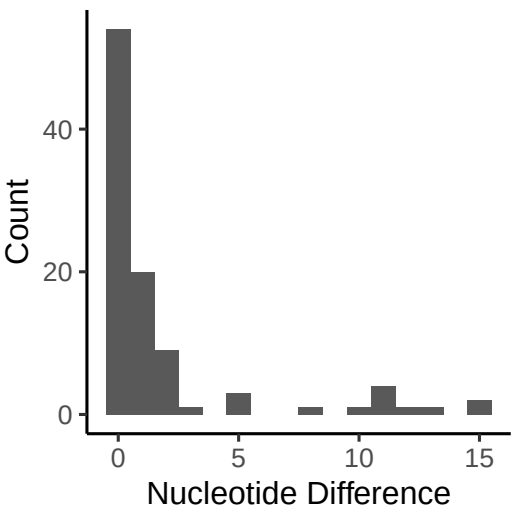
IGHV3−7*01

158 sequences assigned
22 (13.9%) exact matches, in which:
20 unique CDR3
5 unique J



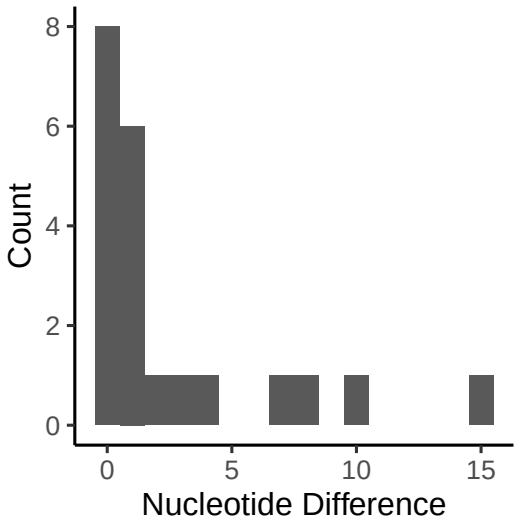
IGHV1−69*06

101 sequences assigned
54 (53.5%) exact matches, in which:
54 unique CDR3
5 unique J



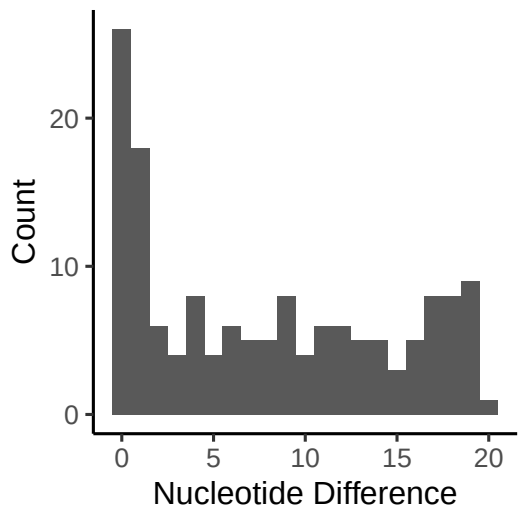
IGHV2−26*01

22 sequences assigned
8 (36.4%) exact matches, in which:
8 unique CDR3
3 unique J



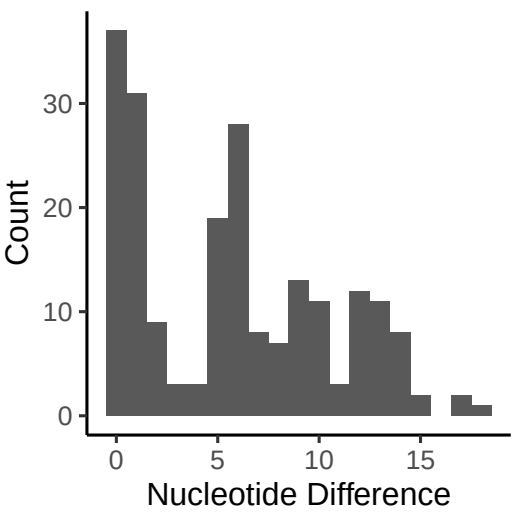
IGHV3−7*03

198 sequences assigned
26 (13.1%) exact matches, in which:
25 unique CDR3
5 unique J



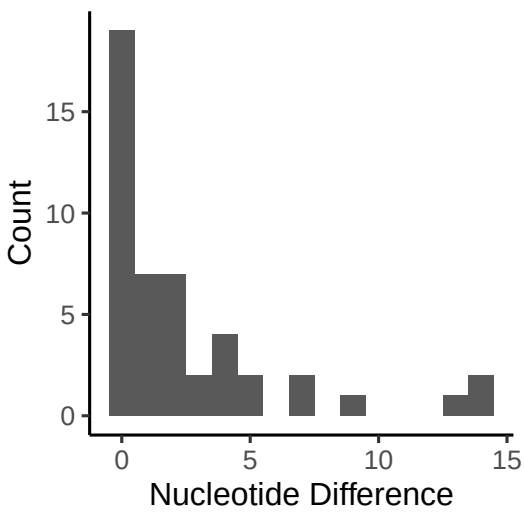
IGHV2−5*01

234 sequences assigned
37 (15.8%) exact matches, in which:
36 unique CDR3
5 unique J



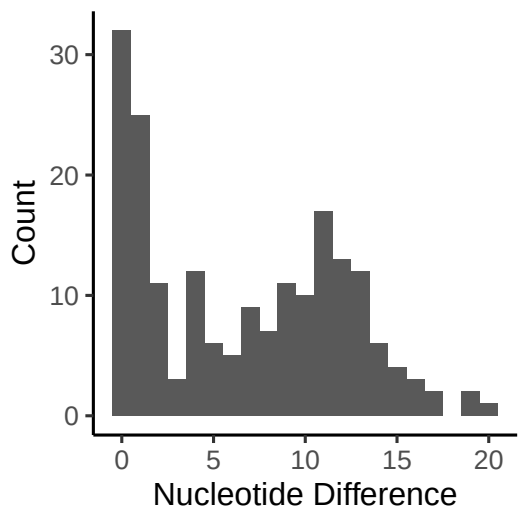
IGHV2−70*01

47 sequences assigned
19 (40.4%) exact matches, in which:
18 unique CDR3
5 unique J



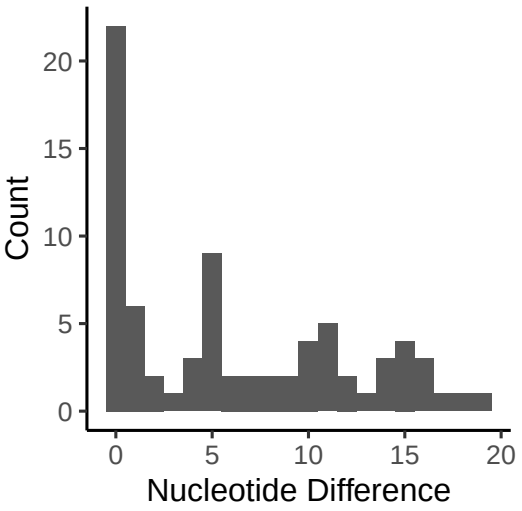
IGHV3−9*01

243 sequences assigned
32 (13.2%) exact matches, in which:
31 unique CDR3
3 unique J



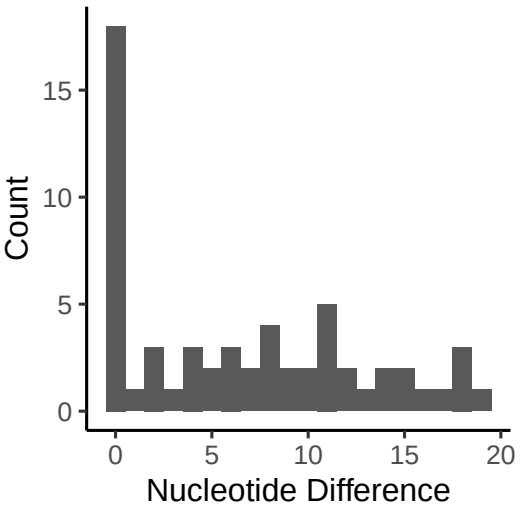
IGHV3−11*01

83 sequences assigned
22 (26.5%) exact matches, in which:
21 unique CDR3
5 unique J



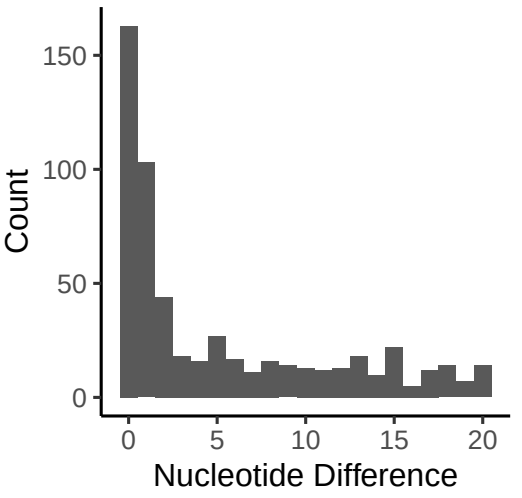
IGHV3−15*01

68 sequences assigned
18 (26.5%) exact matches, in which:
18 unique CDR3
3 unique J



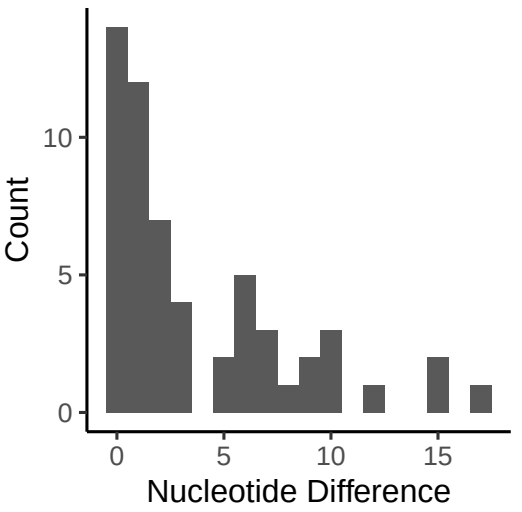
IGHV3−30−3*01

637 sequences assigned
163 (25.6%) exact matches, in which:
155 unique CDR3
6 unique J



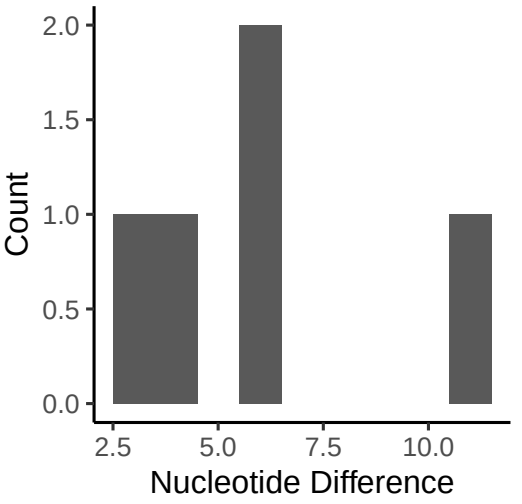
IGHV3−11*06

61 sequences assigned
14 (23%) exact matches, in which:
14 unique CDR3
3 unique J



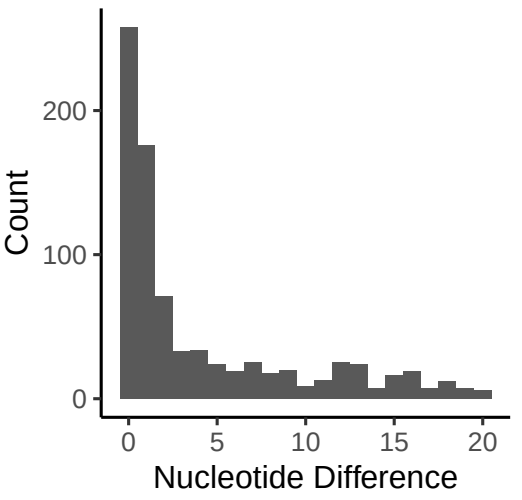
IGHV3−20*01

5 sequences assigned
No exact matches.



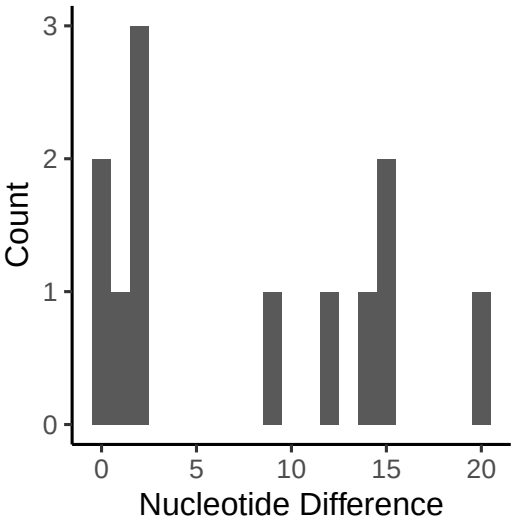
IGHV3−33*01

866 sequences assigned
258 (29.8%) exact matches, in which:
233 unique CDR3
6 unique J



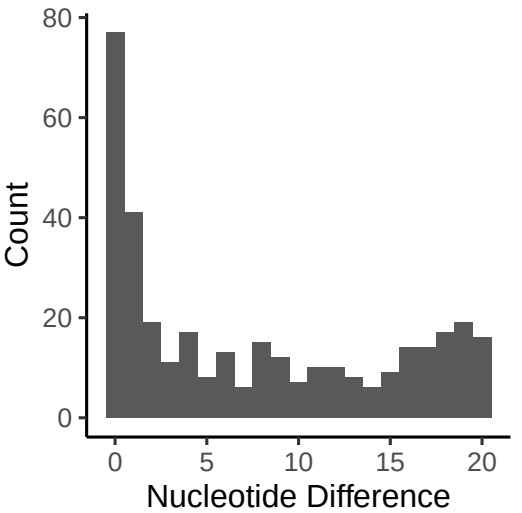
IGHV3−13*01

20 sequences assigned
2 (10%) exact matches, in which:
1 unique CDR3
1 unique J



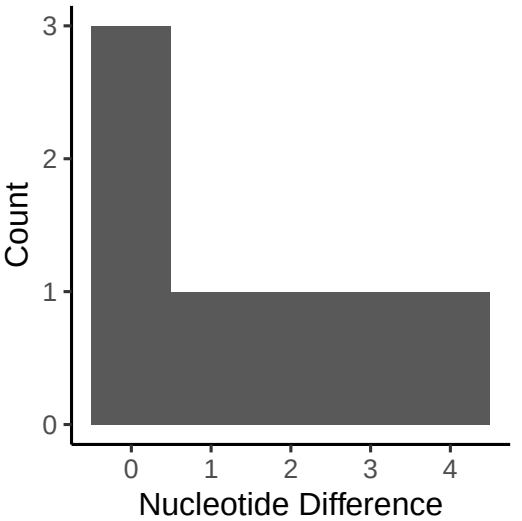
IGHV3−21*01

448 sequences assigned
77 (17.2%) exact matches, in which:
76 unique CDR3
6 unique J



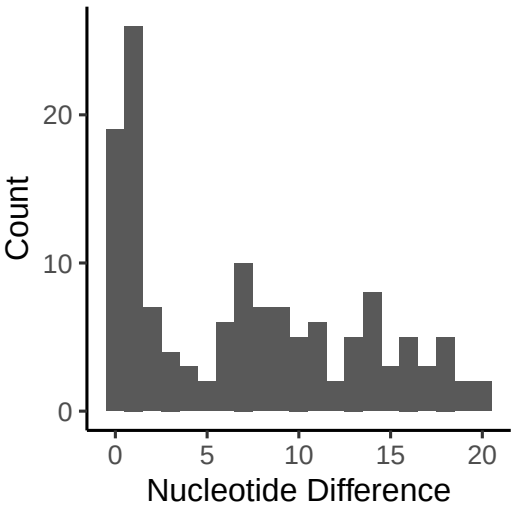
IGHV3−43*01

8 sequences assigned
3 (37.5%) exact matches, in which:
2 unique CDR3
2 unique J



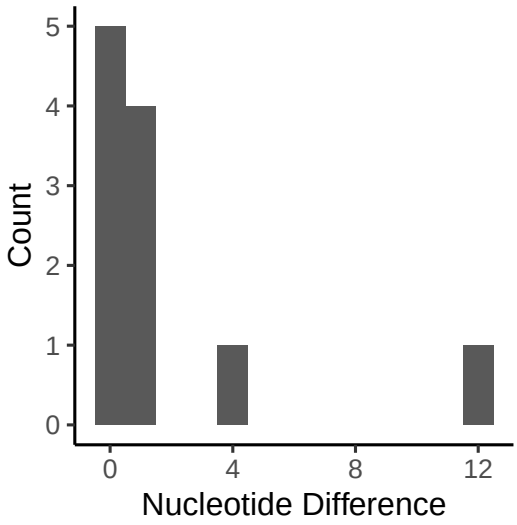
IGHV3−48*02

162 sequences assigned
19 (11.7%) exact matches, in which:
16 unique CDR3
4 unique J



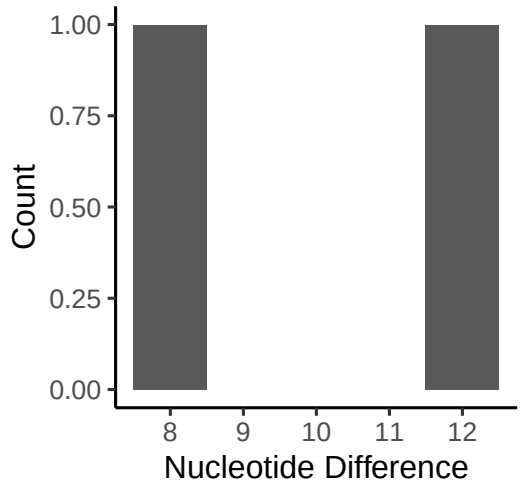
IGHV3−49*05

11 sequences assigned
5 (45.5%) exact matches, in which:
5 unique CDR3
2 unique J



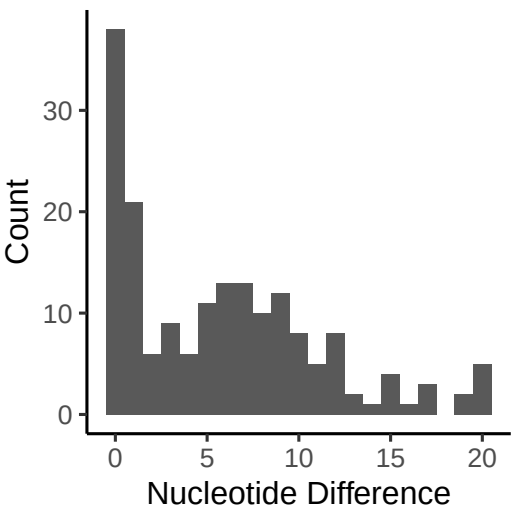
IGHV3−64*02

3 sequences assigned
No exact matches.



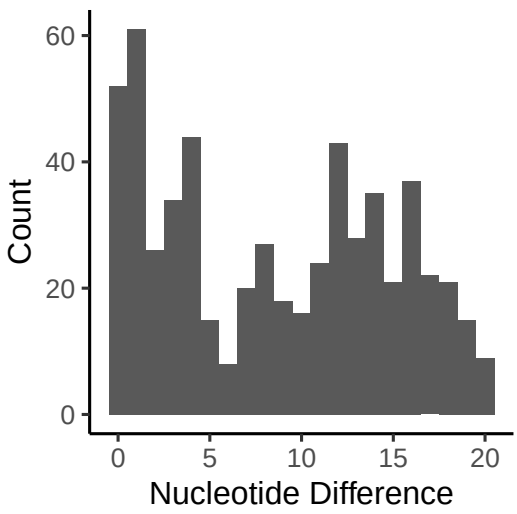
IGHV3−48*03

193 sequences assigned
38 (19.7%) exact matches, in which:
38 unique CDR3
5 unique J



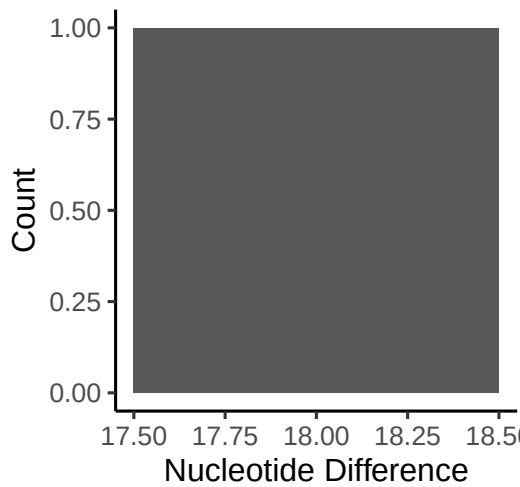
IGHV3−53*01

601 sequences assigned
52 (8.7%) exact matches, in which:
48 unique CDR3
5 unique J



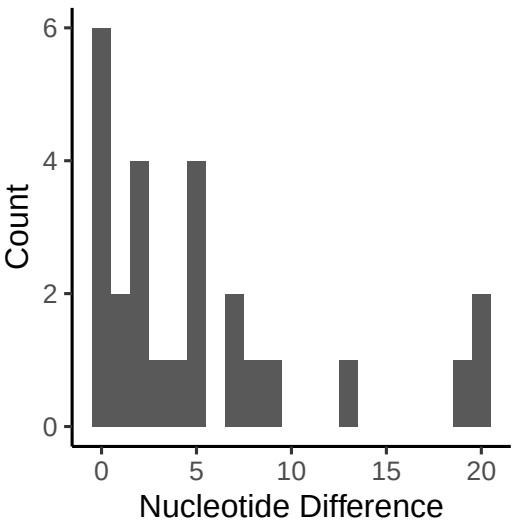
IGHV3−66*01

1 sequences assigned
No exact matches.



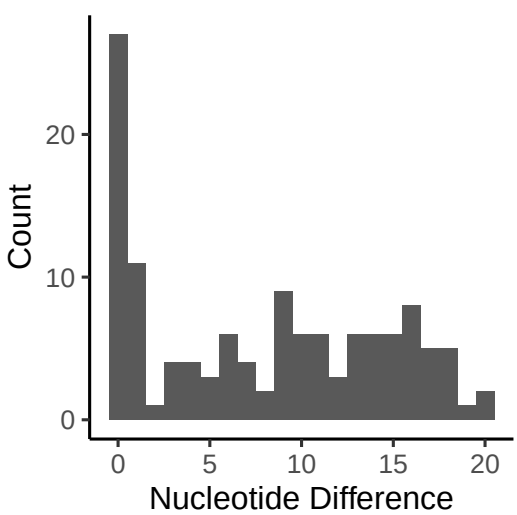
IGHV3−49*04

30 sequences assigned
6 (20%) exact matches, in which:
6 unique CDR3
3 unique J



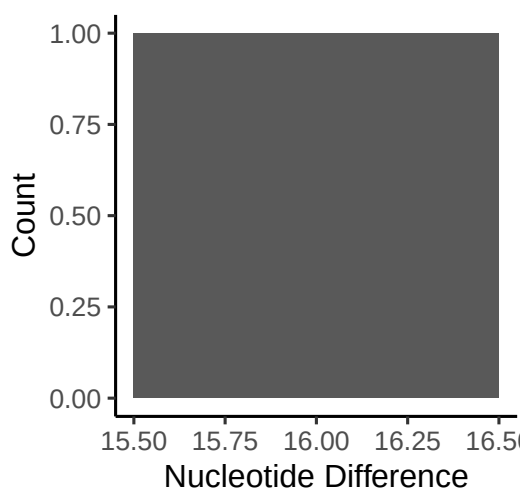
IGHV3−53*02

138 sequences assigned
27 (19.6%) exact matches, in which:
26 unique CDR3
5 unique J



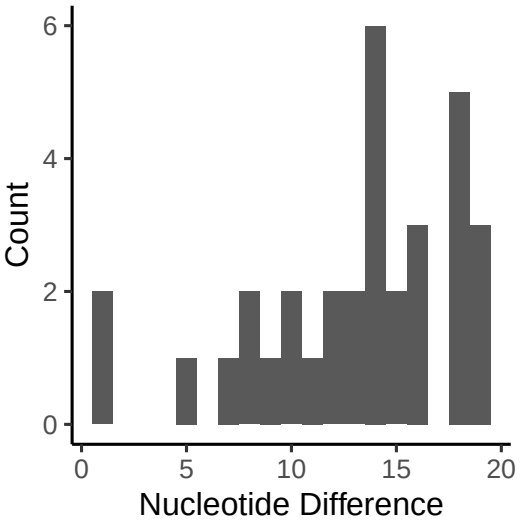
IGHV3−66*04

1 sequences assigned
No exact matches.



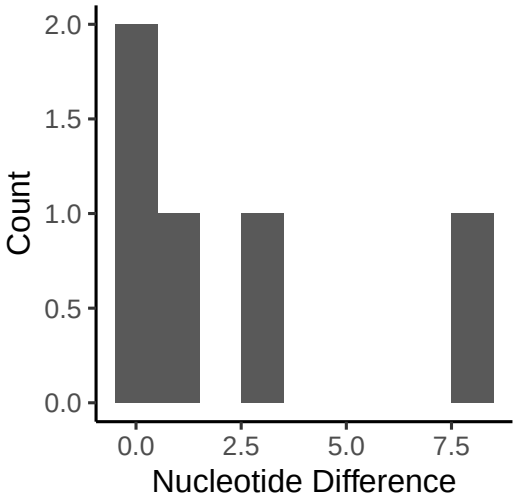
IGHV3−72*01

52 sequences assigned
No exact matches.



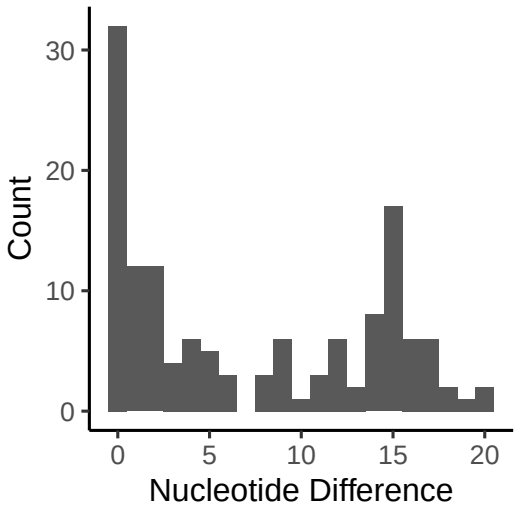
IGHV3−43D*04

5 sequences assigned
2 (40%) exact matches, in which:
2 unique CDR3
2 unique J



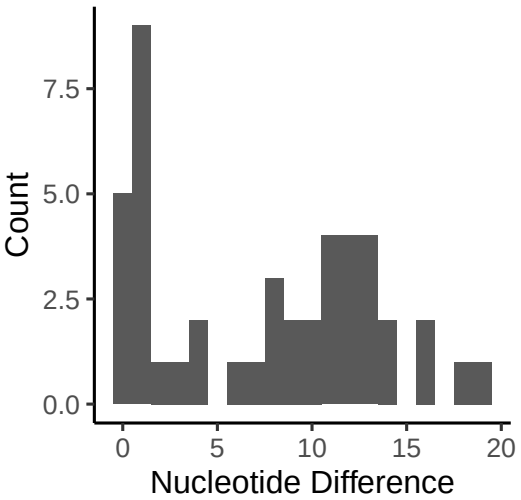
IGHV4−4*07

177 sequences assigned
32 (18.1%) exact matches, in which:
31 unique CDR3
5 unique J



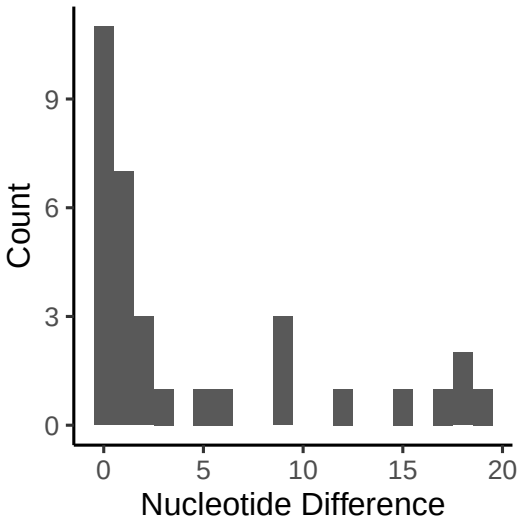
IGHV3−73*02

49 sequences assigned
5 (10.2%) exact matches, in which:
5 unique CDR3
4 unique J



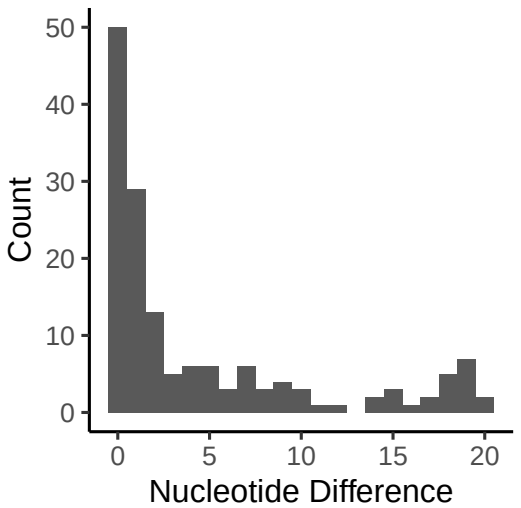
IGHV3−64D*06

38 sequences assigned
11 (28.9%) exact matches, in which:
11 unique CDR3
4 unique J



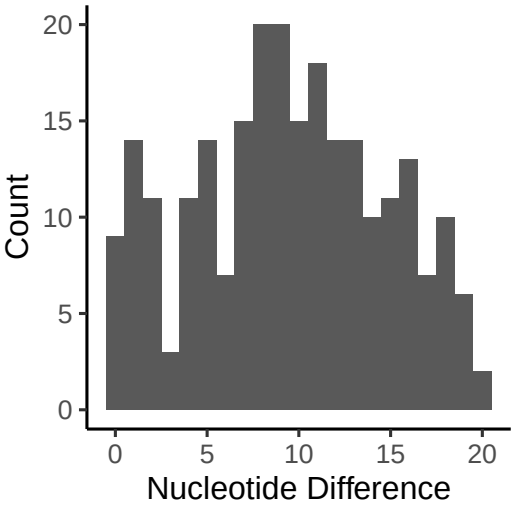
IGHV4−30−4*01

154 sequences assigned
50 (32.5%) exact matches, in which:
39 unique CDR3
4 unique J



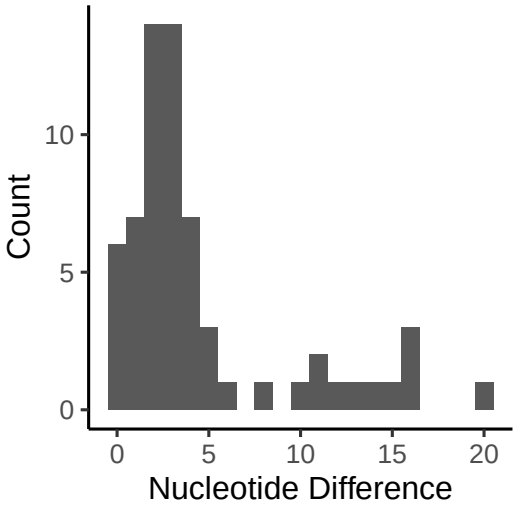
IGHV3−74*01

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



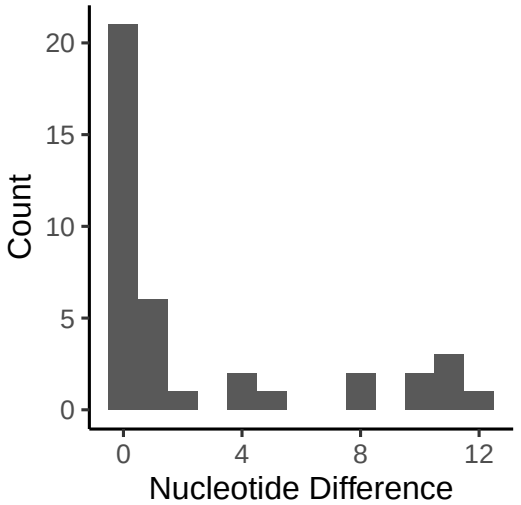
IGHV4−4*02

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



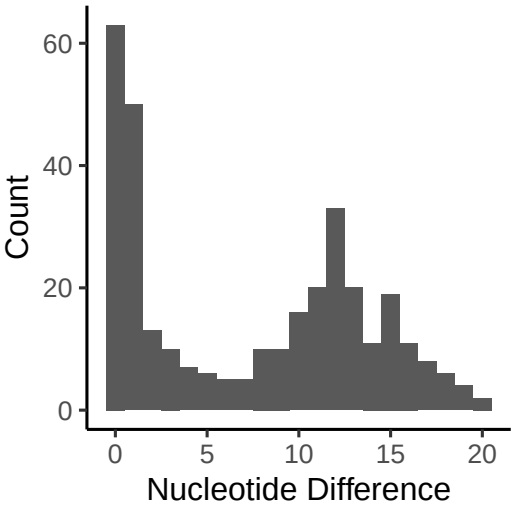
IGHV4−30−2*01

40 sequences assigned
21 (52.5%) exact matches, in which:
21 unique CDR3
4 unique J



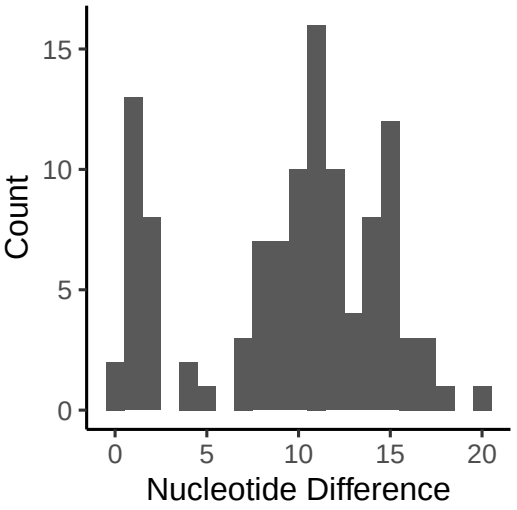
IGHV4−31*03

345 sequences assigned
63 (18.3%) exact matches, in which:
54 unique CDR3
6 unique J



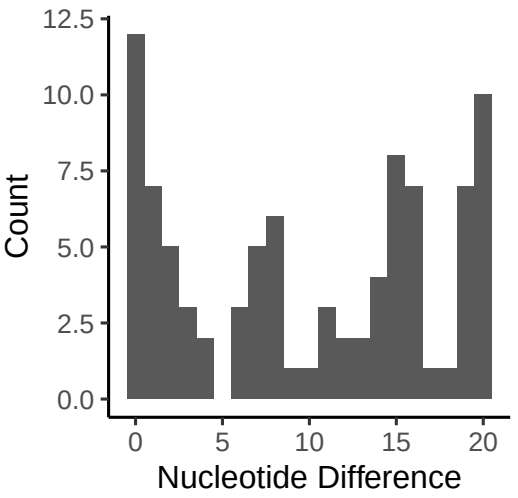
IGHV4−38−2*02

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



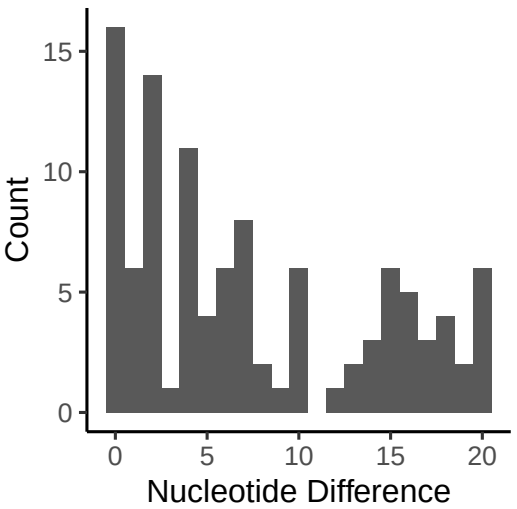
IGHV4−61*01

136 sequences assigned
12 (8.8%) exact matches, in which:
12 unique CDR3
4 unique J



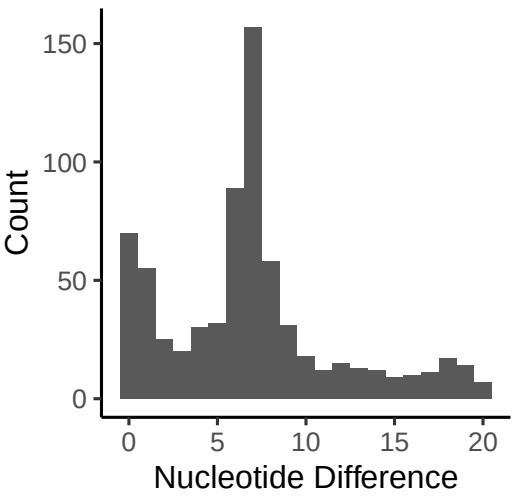
IGHV4−34*01

126 sequences assigned
16 (12.7%) exact matches, in which:
16 unique CDR3
4 unique J



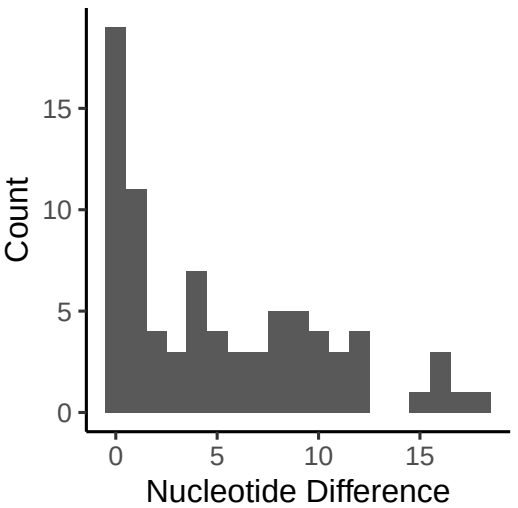
IGHV4−39*01

804 sequences assigned
70 (8.7%) exact matches, in which:
69 unique CDR3
6 unique J



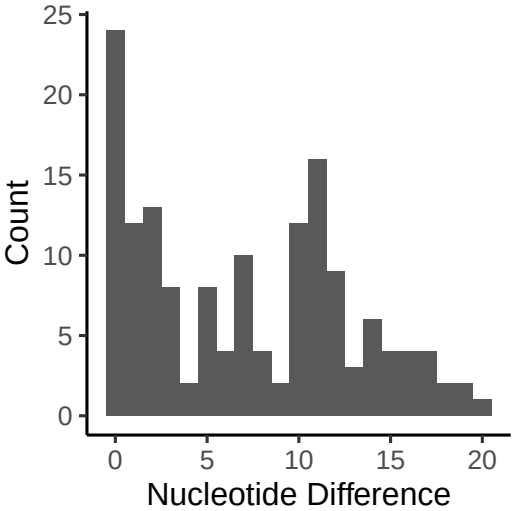
IGHV5−10−1*03

82 sequences assigned
19 (23.2%) exact matches, in which:
19 unique CDR3
4 unique J



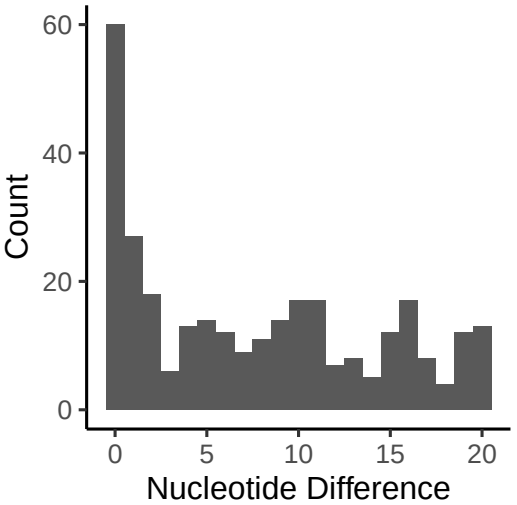
IGHV4−38−2*01

157 sequences assigned
24 (15.3%) exact matches, in which:
23 unique CDR3
5 unique J



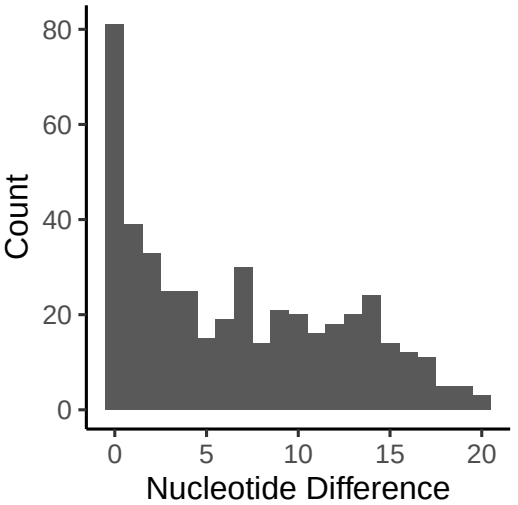
IGHV4−59*01

350 sequences assigned
60 (17.1%) exact matches, in which:
57 unique CDR3
5 unique J



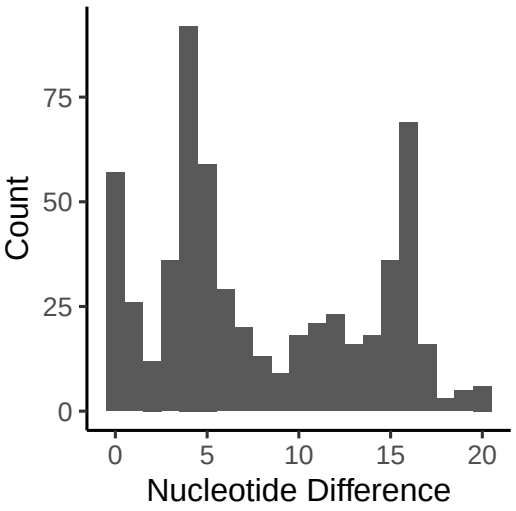
IGHV5−51*01

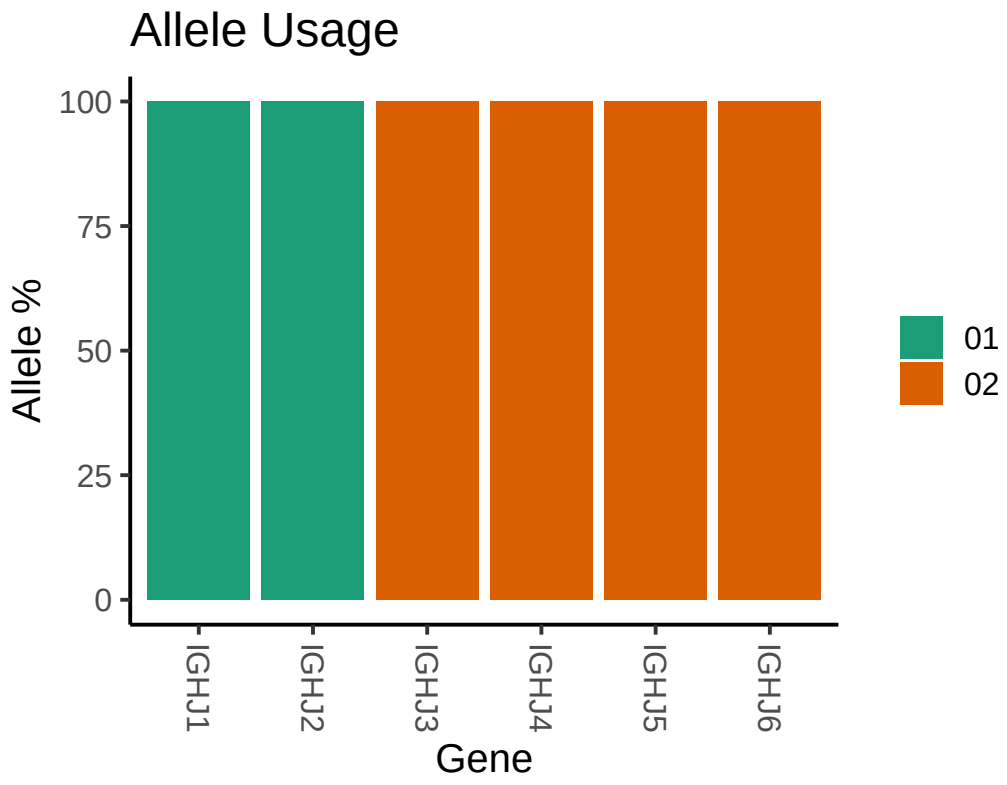
471 sequences assigned
81 (17.2%) exact matches, in which:
78 unique CDR3
4 unique J



IGHV6−1*01

592 sequences assigned
57 (9.6%) exact matches, in which:
56 unique CDR3
6 unique J




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

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

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