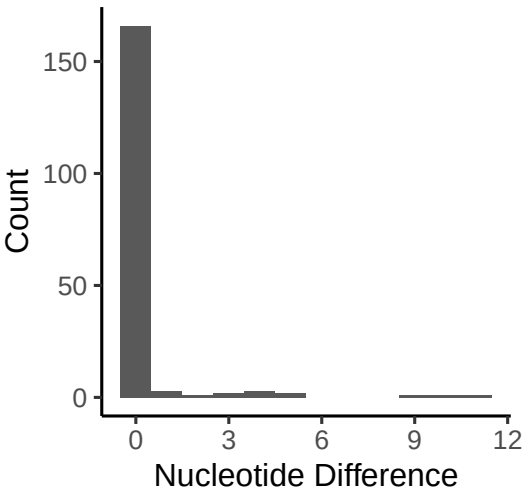
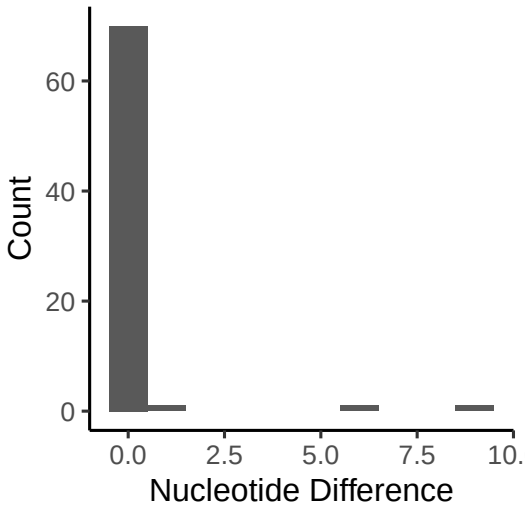
IGHV1−2*02

180 sequences assigned
166 (92.2%) exact matches, in which:
166 unique CDR3
6 unique J



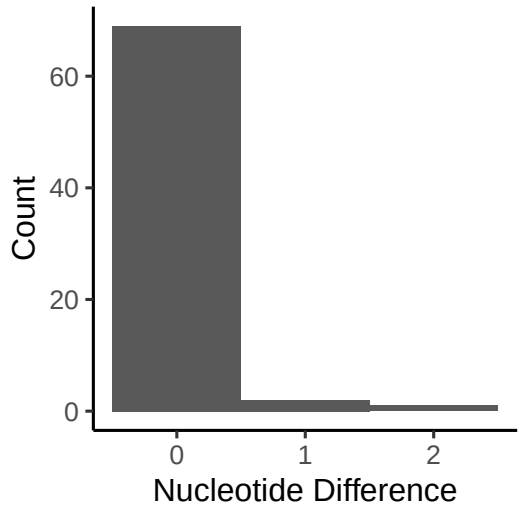
IGHV1−8*01

73 sequences assigned
70 (95.9%) exact matches, in which:
69 unique CDR3
6 unique J



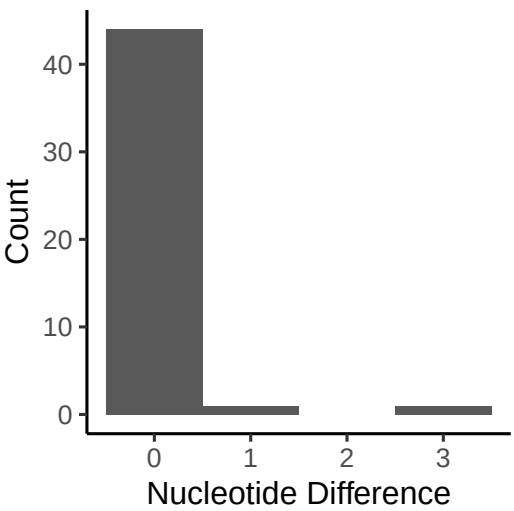
IGHV1−24*01

72 sequences assigned
69 (95.8%) exact matches, in which:
69 unique CDR3
5 unique J



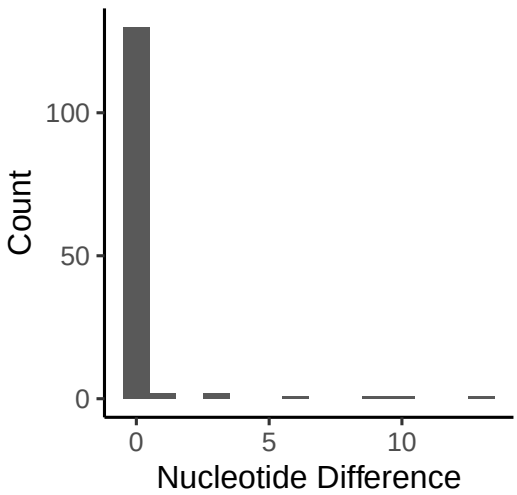
IGHV1−2*04

46 sequences assigned
44 (95.7%) exact matches, in which:
44 unique CDR3
4 unique J



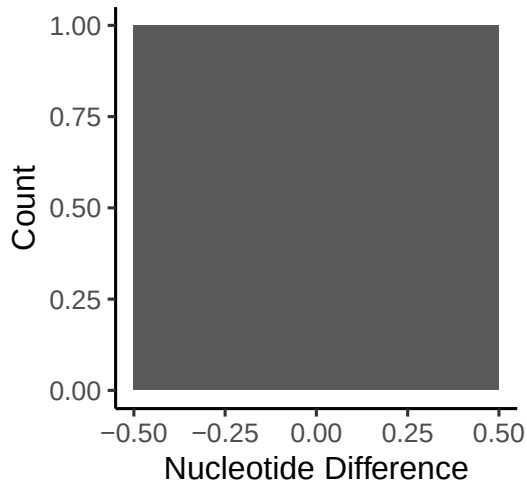
IGHV1−18*01

138 sequences assigned
130 (94.2%) exact matches, in which:
130 unique CDR3
6 unique J



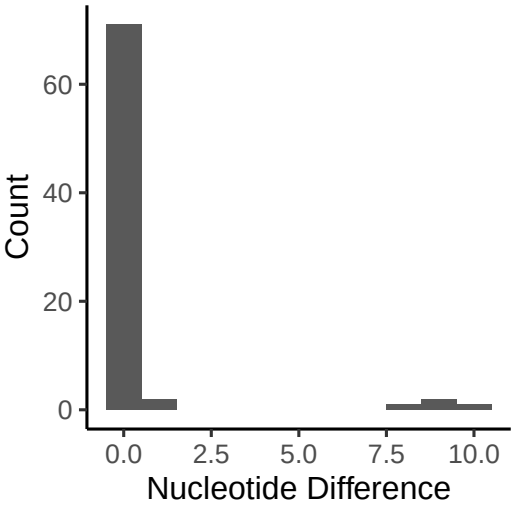
IGHV1−45*02

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



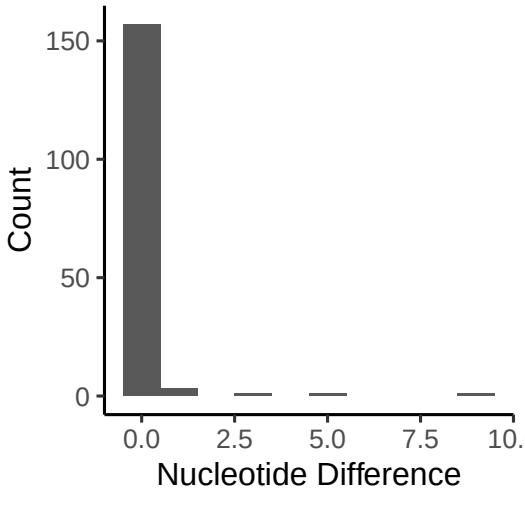
IGHV1−3*01

77 sequences assigned
71 (92.2%) exact matches, in which:
71 unique CDR3
6 unique J



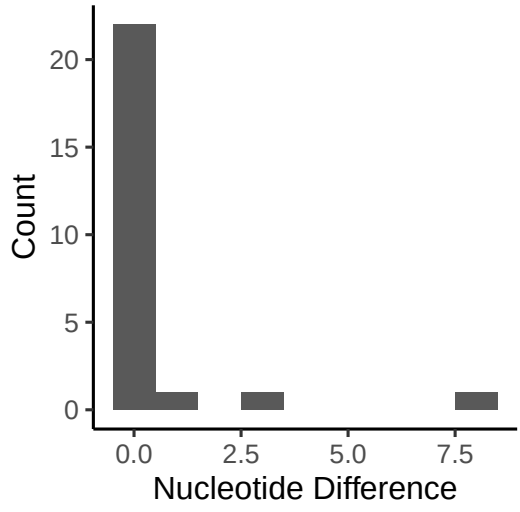
IGHV1−18*04

164 sequences assigned
157 (95.7%) exact matches, in which:
157 unique CDR3
6 unique J



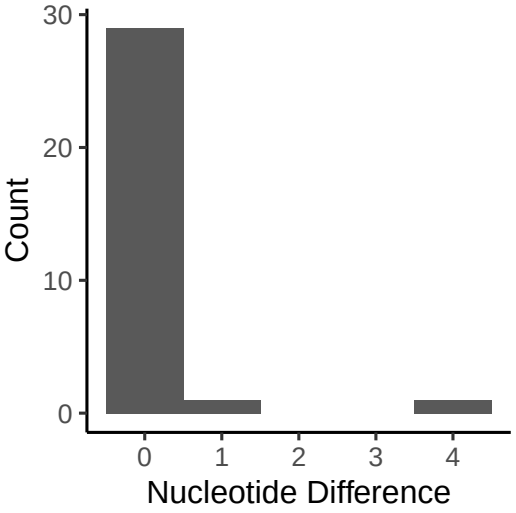
IGHV1−46*01

25 sequences assigned
22 (88%) exact matches, in which:
22 unique CDR3
4 unique J



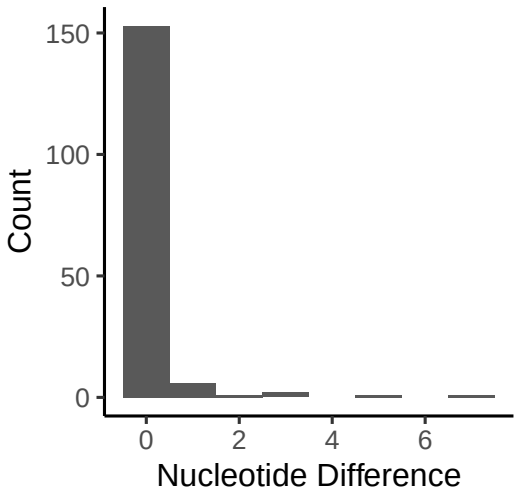
IGHV1−46*03

31 sequences assigned
29 (93.5%) exact matches, in which:
29 unique CDR3
5 unique J



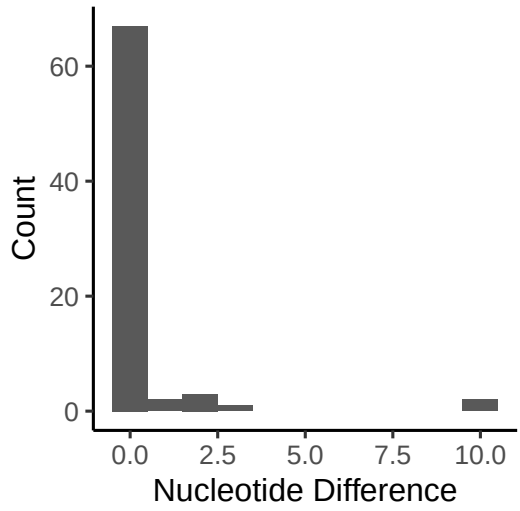
IGHV1−69*04

164 sequences assigned
153 (93.3%) exact matches, in which:
153 unique CDR3
6 unique J



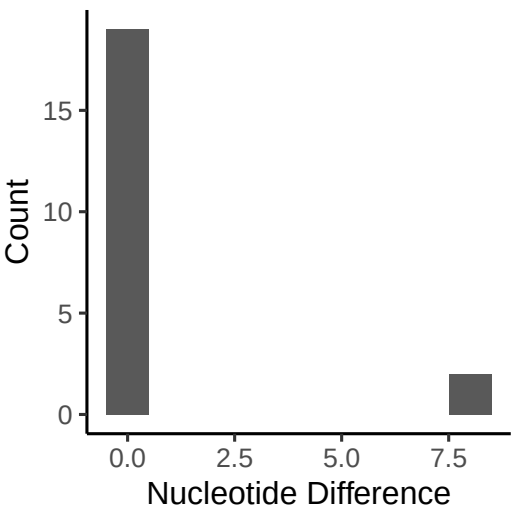
IGHV2−5*02

75 sequences assigned
67 (89.3%) exact matches, in which:
67 unique CDR3
6 unique J



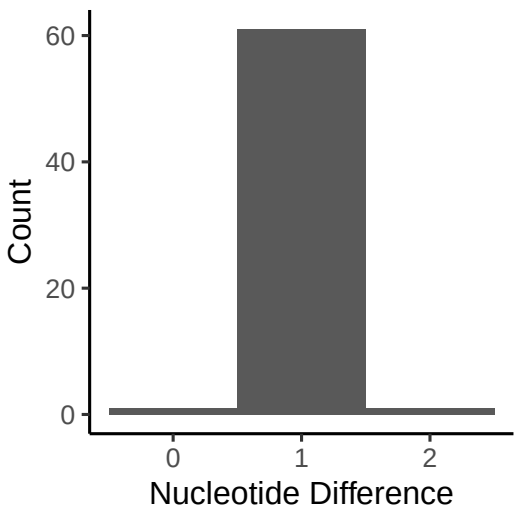
IGHV1−58*02

21 sequences assigned
19 (90.5%) exact matches, in which:
19 unique CDR3
3 unique J



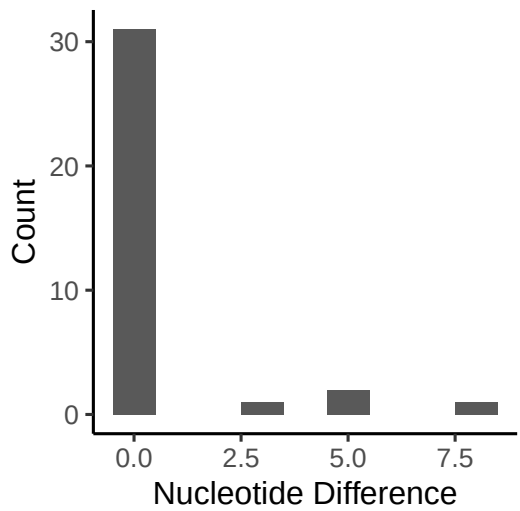
IGHV1−69*08

63 sequences assigned
1 (1.6%) exact matches, in which:
1 unique CDR3
1 unique J



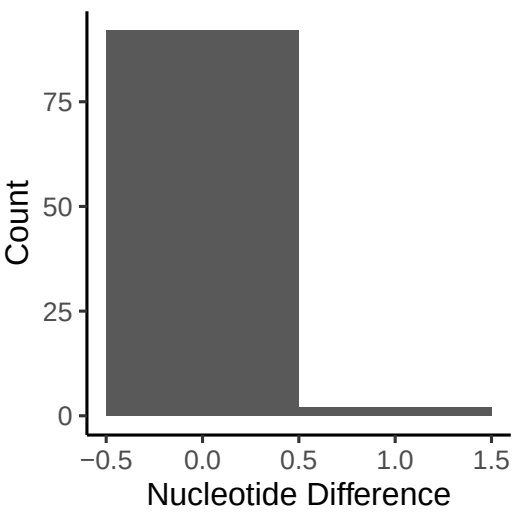
IGHV2−26*01

35 sequences assigned
31 (88.6%) exact matches, in which:
31 unique CDR3
6 unique J



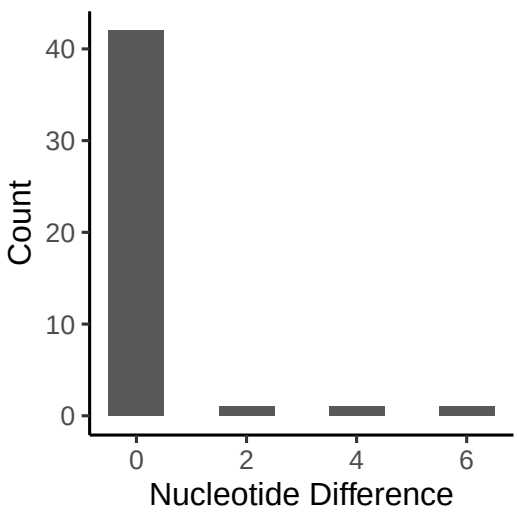
IGHV1−69*02

94 sequences assigned
92 (97.9%) exact matches, in which:
92 unique CDR3
5 unique J



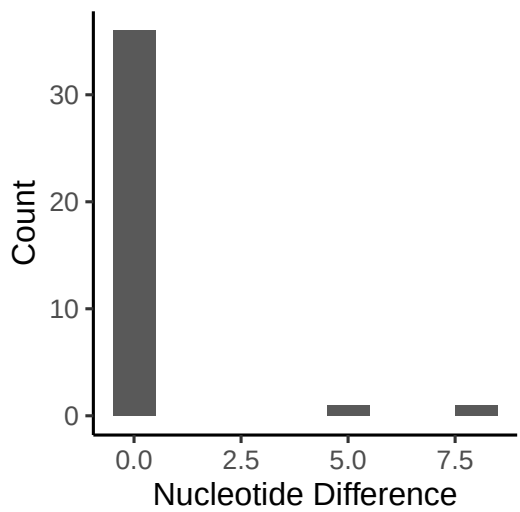
IGHV2−5*01

47 sequences assigned
42 (89.4%) exact matches, in which:
42 unique CDR3
6 unique J



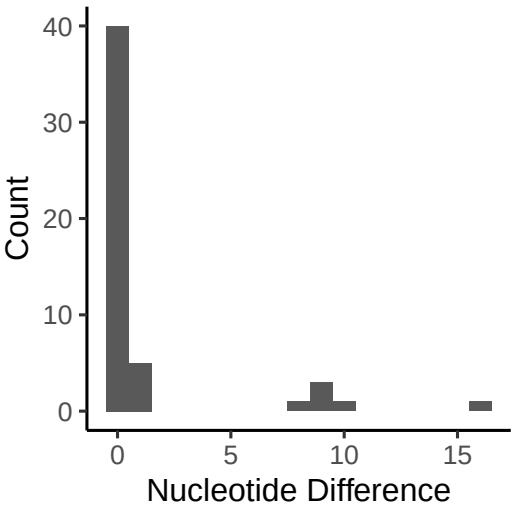
IGHV2−70*15

38 sequences assigned
36 (94.7%) exact matches, in which:
36 unique CDR3
4 unique J



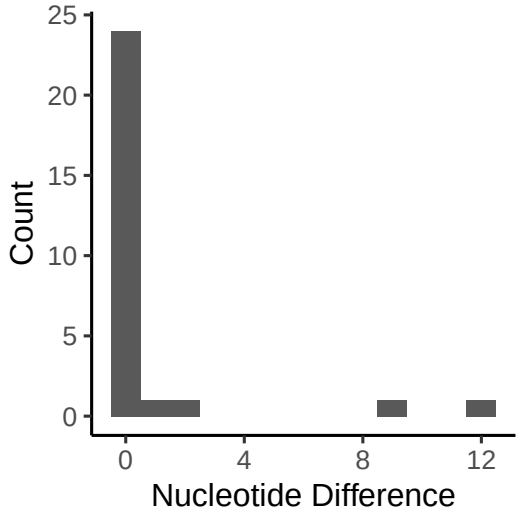
IGHV3−7*03

51 sequences assigned
40 (78.4%) exact matches, in which:
40 unique CDR3
5 unique J



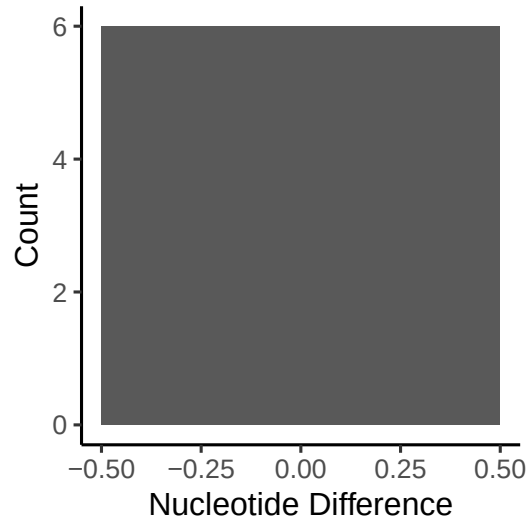
IGHV3−11*01

28 sequences assigned
24 (85.7%) exact matches, in which:
24 unique CDR3
6 unique J



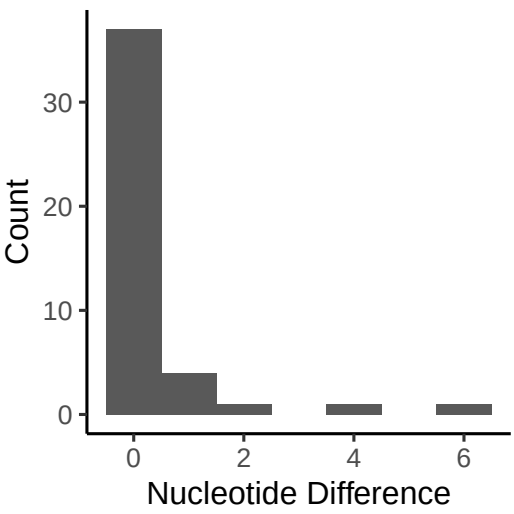
IGHV3−13*05

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



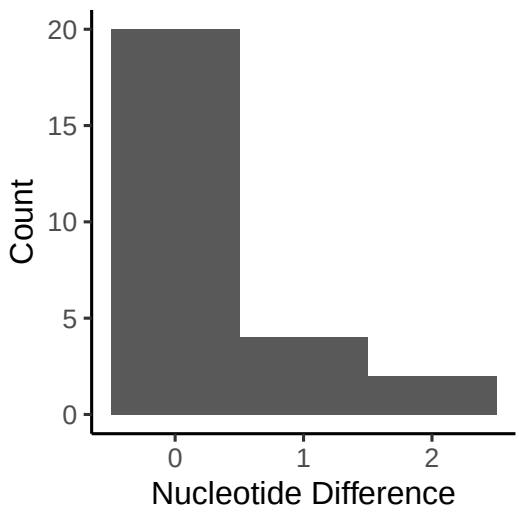
IGHV3−7*04

44 sequences assigned
37 (84.1%) exact matches, in which:
37 unique CDR3
6 unique J



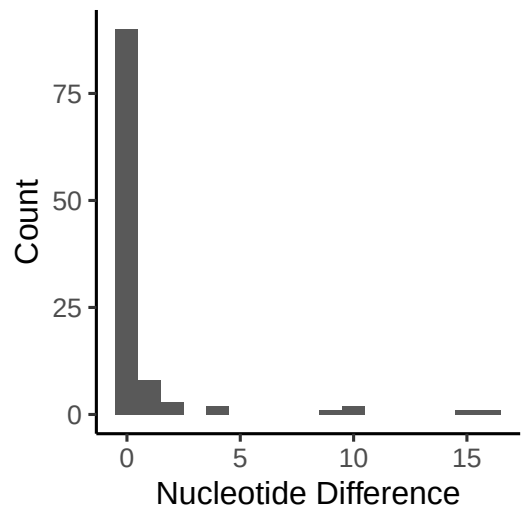
IGHV3−11*06

26 sequences assigned
20 (76.9%) exact matches, in which:
20 unique CDR3
5 unique J



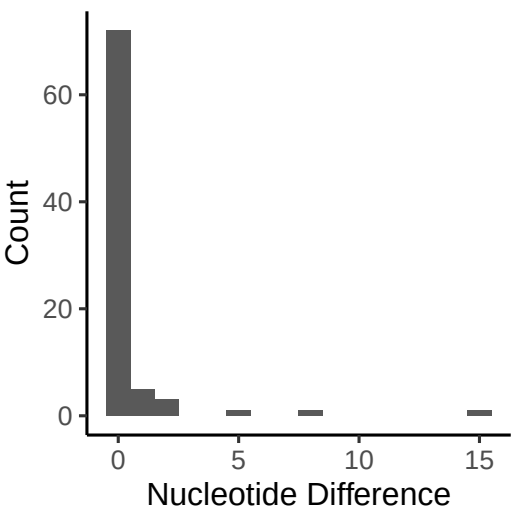
IGHV3−15*01

108 sequences assigned
90 (83.3%) exact matches, in which:
90 unique CDR3
5 unique J



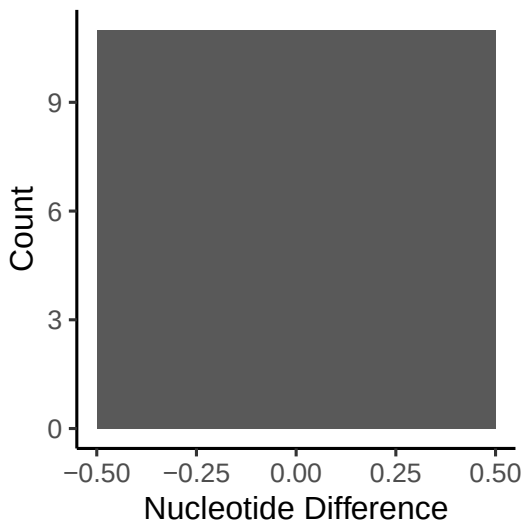
IGHV3−9*01

83 sequences assigned
72 (86.7%) exact matches, in which:
72 unique CDR3
6 unique J



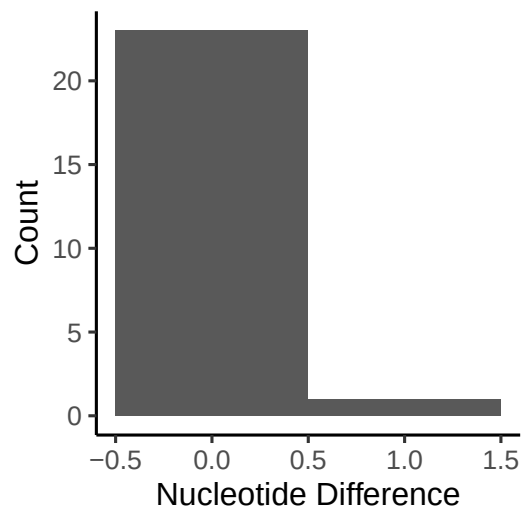
IGHV3−13*01

11 sequences assigned
11 (100%) exact matches, in which:
11 unique CDR3
4 unique J



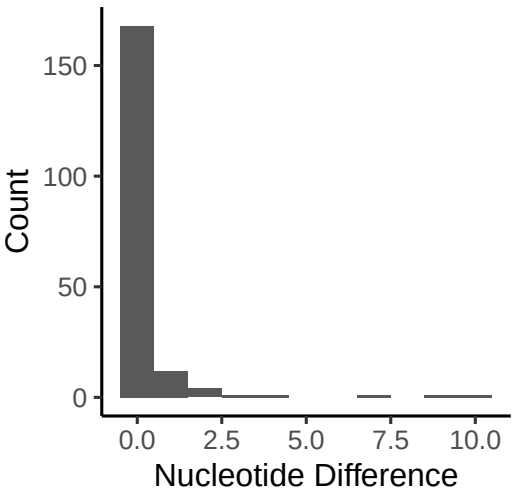
IGHV3−20*04

24 sequences assigned
23 (95.8%) exact matches, in which:
23 unique CDR3
4 unique J



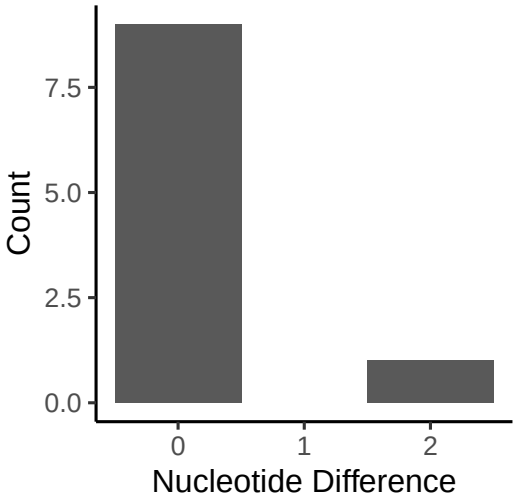
IGHV3−21*01

189 sequences assigned
168 (88.9%) exact matches, in which:
168 unique CDR3
6 unique J



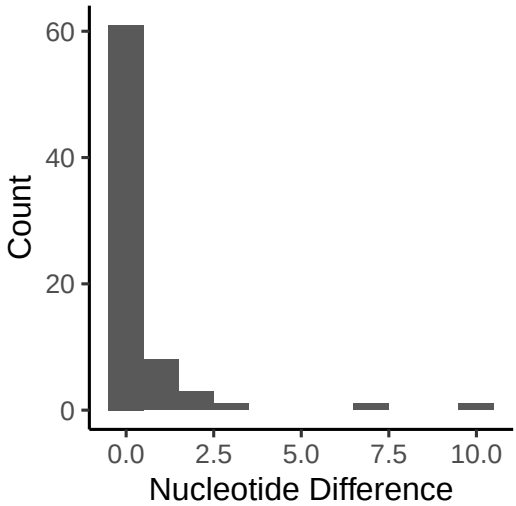
IGHV3−43*01

10 sequences assigned
9 (90%) exact matches, in which:
9 unique CDR3
3 unique J



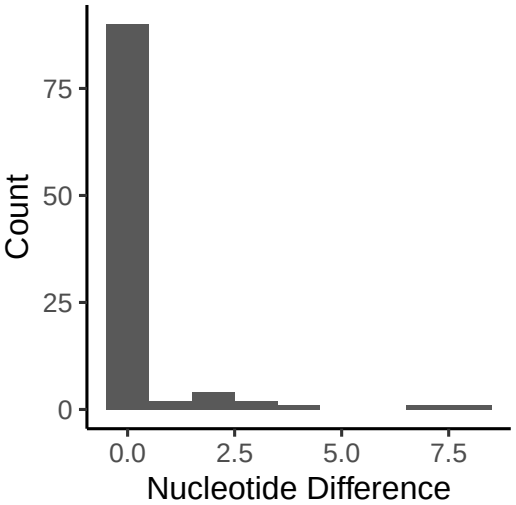
IGHV3−48*03

77 sequences assigned
61 (79.2%) exact matches, in which:
61 unique CDR3
6 unique J



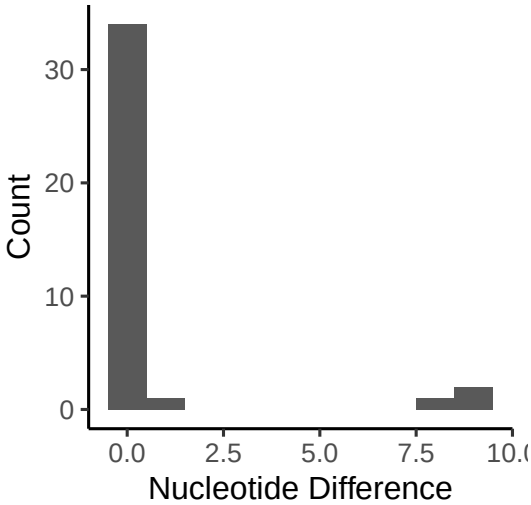
IGHV3−30−3*01

102 sequences assigned
90 (88.2%) exact matches, in which:
90 unique CDR3
6 unique J



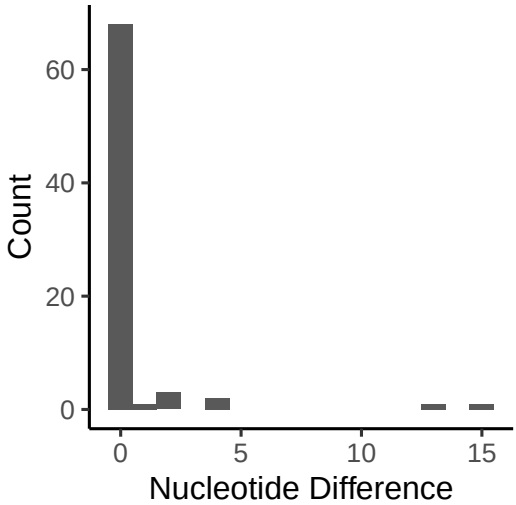
IGHV3−43*02

38 sequences assigned
34 (89.5%) exact matches, in which:
34 unique CDR3
5 unique J



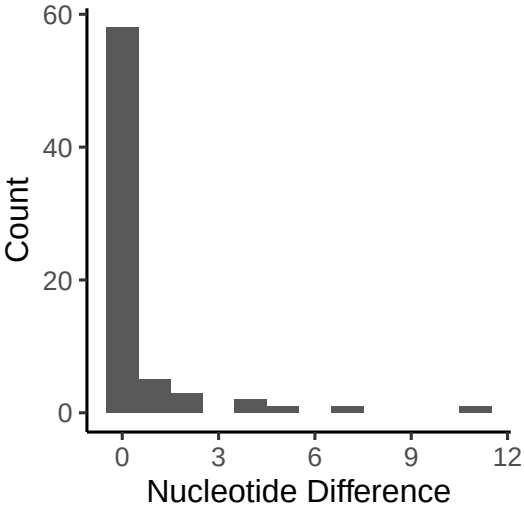
IGHV3−49*04

76 sequences assigned
68 (89.5%) exact matches, in which:
68 unique CDR3
5 unique J



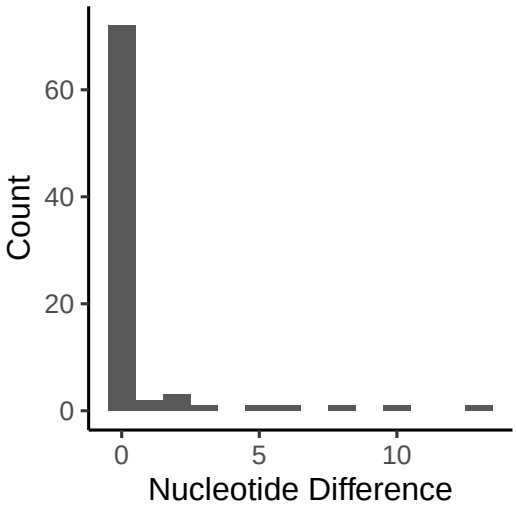
IGHV3−33*01

73 sequences assigned
58 (79.5%) exact matches, in which:
58 unique CDR3
6 unique J



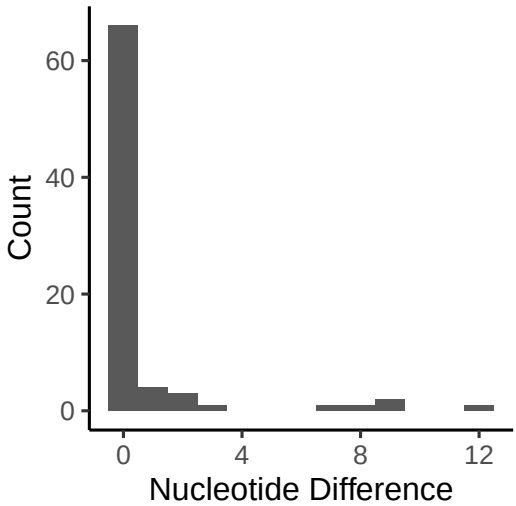
IGHV3−48*02

83 sequences assigned
72 (86.7%) exact matches, in which:
72 unique CDR3
5 unique J



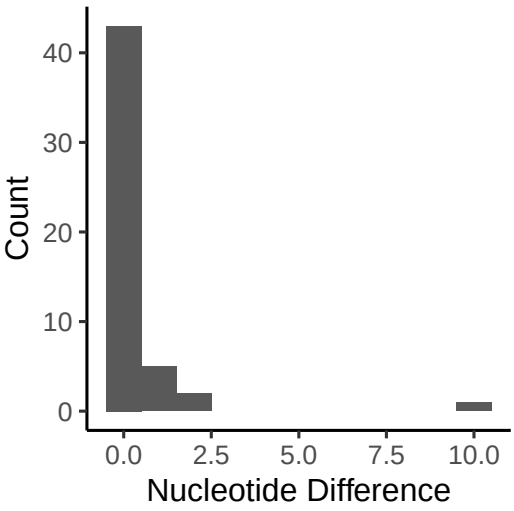
IGHV3−53*01

80 sequences assigned
66 (82.5%) exact matches, in which:
66 unique CDR3
6 unique J



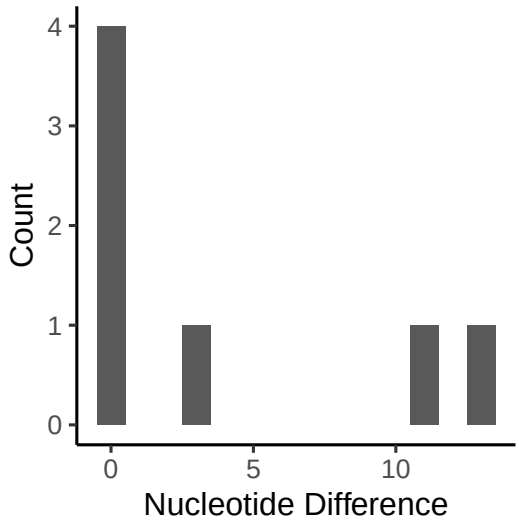
IGHV3−53*04

51 sequences assigned
43 (84.3%) exact matches, in which:
43 unique CDR3
5 unique J



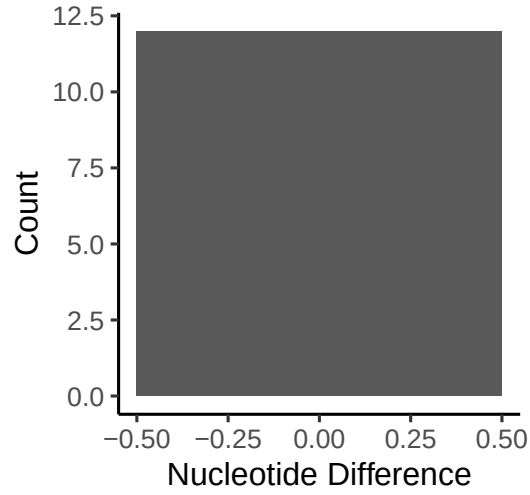
IGHV3−72*01

7 sequences assigned
4 (57.1%) exact matches, in which:
4 unique CDR3
4 unique J



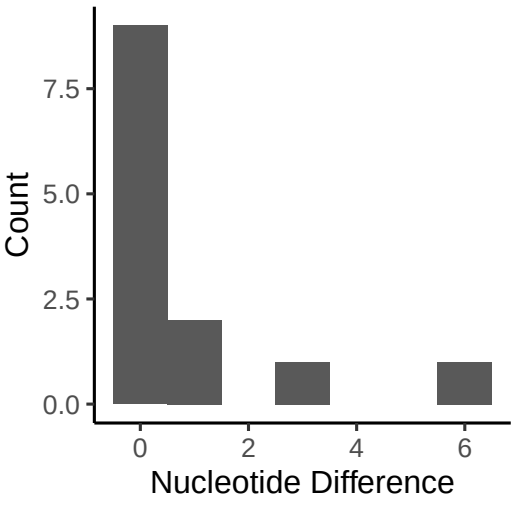
IGHV3−43D*03

12 sequences assigned
12 (100%) exact matches, in which:
12 unique CDR3
4 unique J



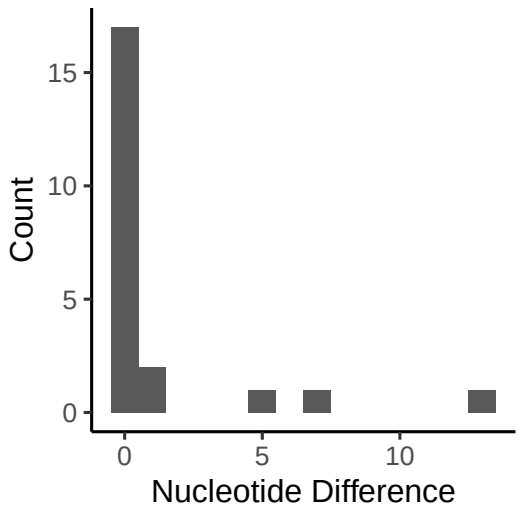
IGHV3−64*01

13 sequences assigned
9 (69.2%) exact matches, in which:
9 unique CDR3
3 unique J



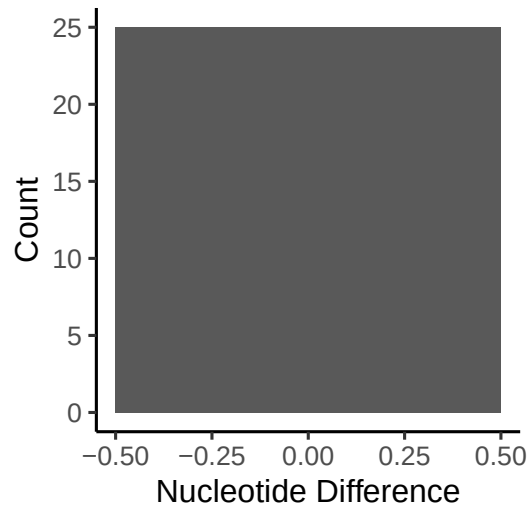
IGHV3−73*01

22 sequences assigned
17 (77.3%) exact matches, in which:
17 unique CDR3
4 unique J



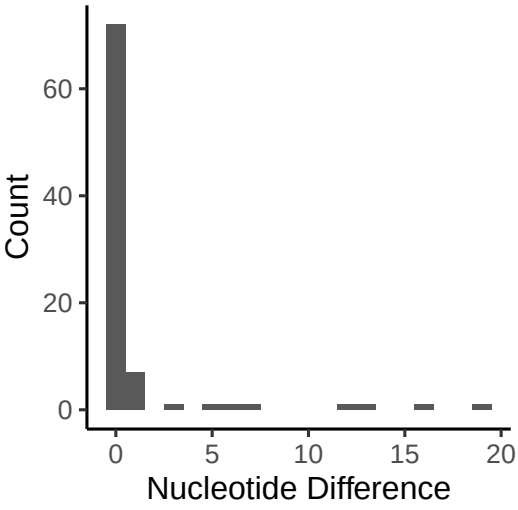
IGHV3−64D*06

25 sequences assigned
25 (100%) exact matches, in which:
25 unique CDR3
5 unique J



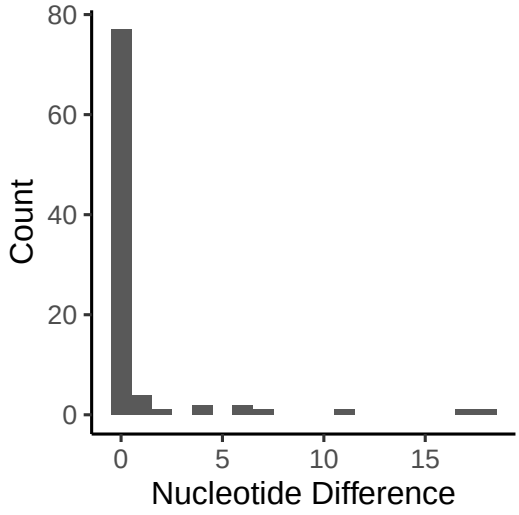
IGHV3−66*01

87 sequences assigned
72 (82.8%) exact matches, in which:
72 unique CDR3
5 unique J



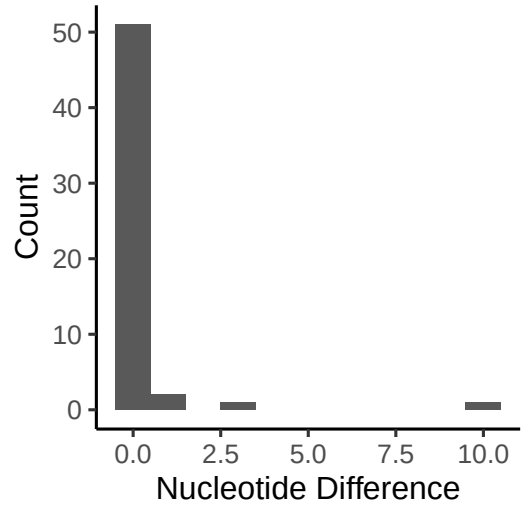
IGHV3−74*01

92 sequences assigned
77 (83.7%) exact matches, in which:
77 unique CDR3
5 unique J



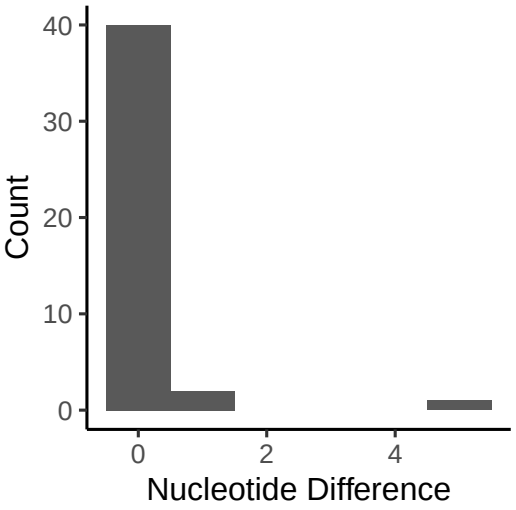
IGHV4−4*02

56 sequences assigned
51 (91.1%) exact matches, in which:
51 unique CDR3
4 unique J



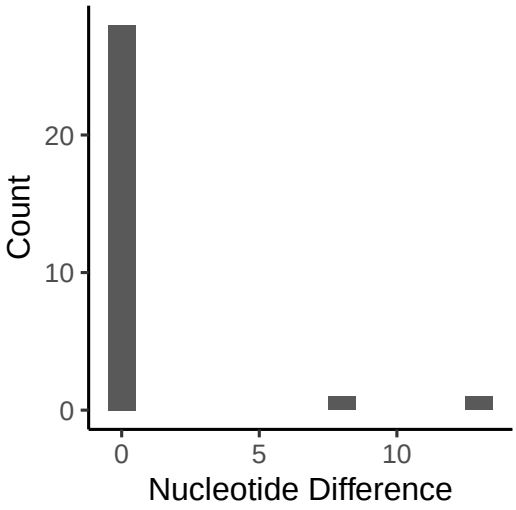
IGHV4−4*07

43 sequences assigned
40 (93%) exact matches, in which:
40 unique CDR3
5 unique J



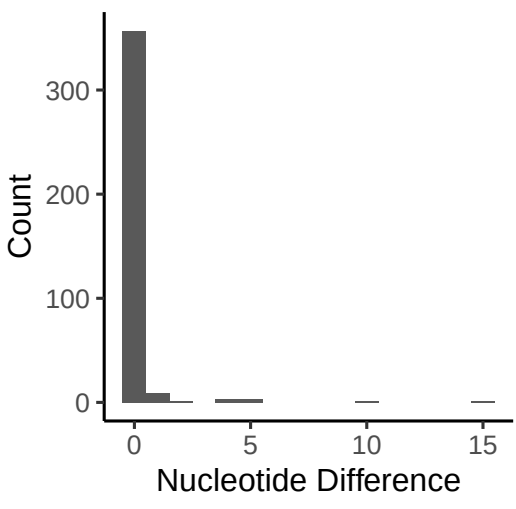
IGHV4−30−4*01

30 sequences assigned
28 (93.3%) exact matches, in which:
28 unique CDR3
5 unique J



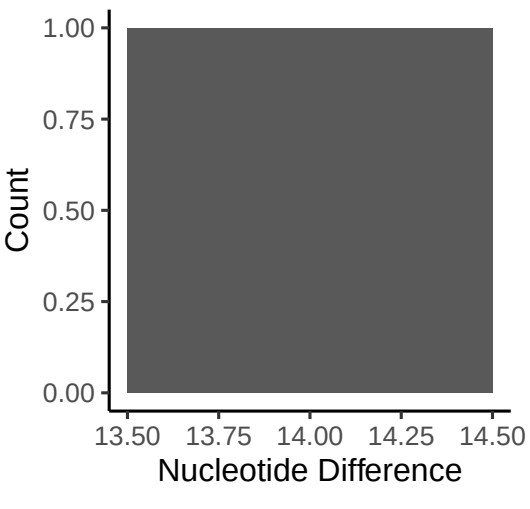
IGHV4−34*01

375 sequences assigned
357 (95.2%) exact matches, in which:
357 unique CDR3
6 unique J



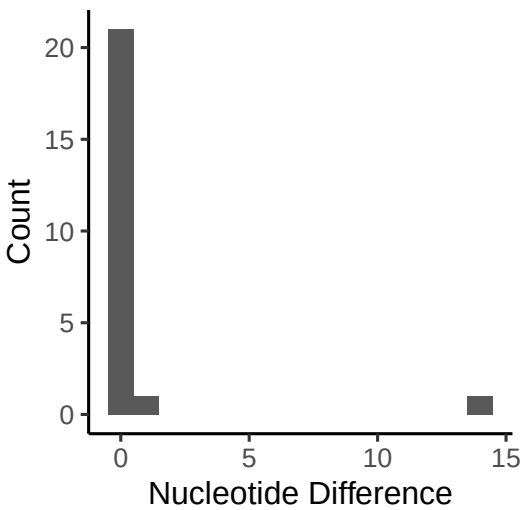
IGHV4−28*01

1 sequences assigned
No exact matches.



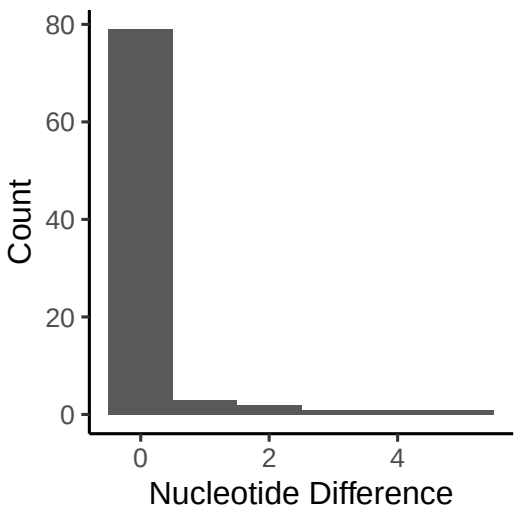
IGHV4−30−4*07

23 sequences assigned
21 (91.3%) exact matches, in which:
21 unique CDR3
5 unique J



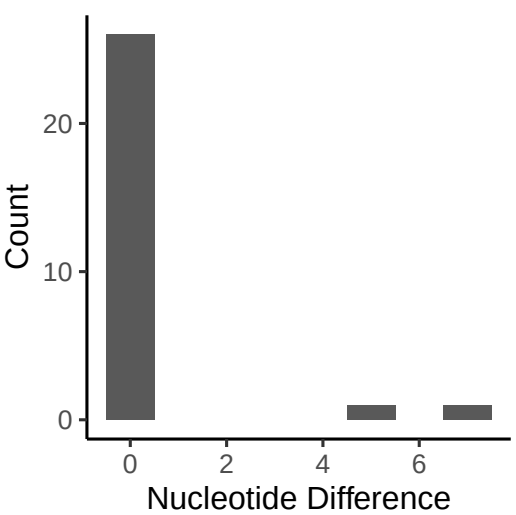
IGHV4−38−2*02

87 sequences assigned
79 (90.8%) exact matches, in which:
79 unique CDR3
5 unique J



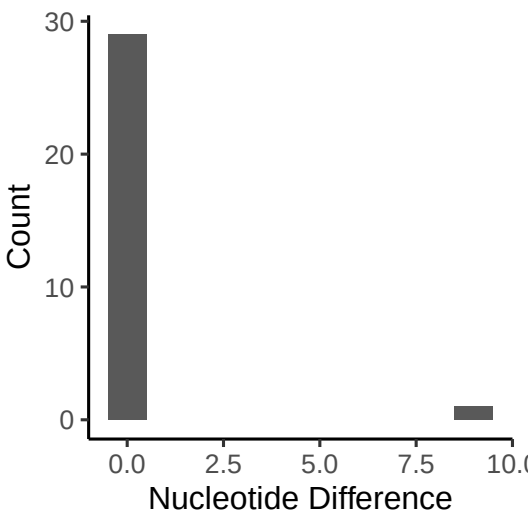
IGHV4−30−2*01

28 sequences assigned
26 (92.9%) exact matches, in which:
26 unique CDR3
5 unique J



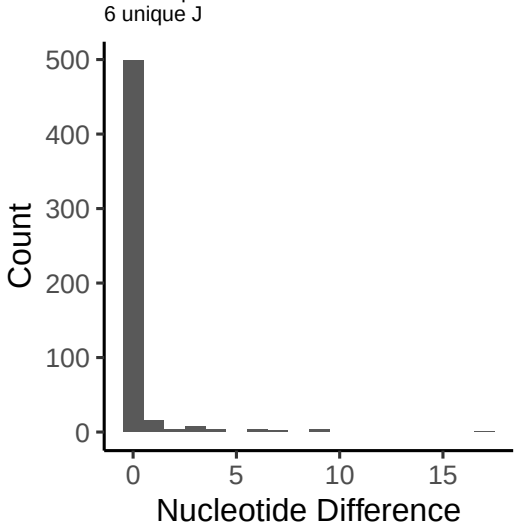
IGHV4−31*03

30 sequences assigned
29 (96.7%) exact matches, in which:
29 unique CDR3
4 unique J



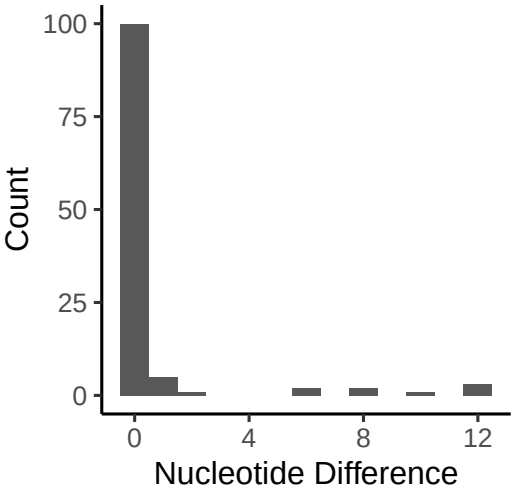
IGHV4−39*01

539 sequences assigned
499 (92.6%) exact matches, in which:
498 unique CDR3
6 unique J



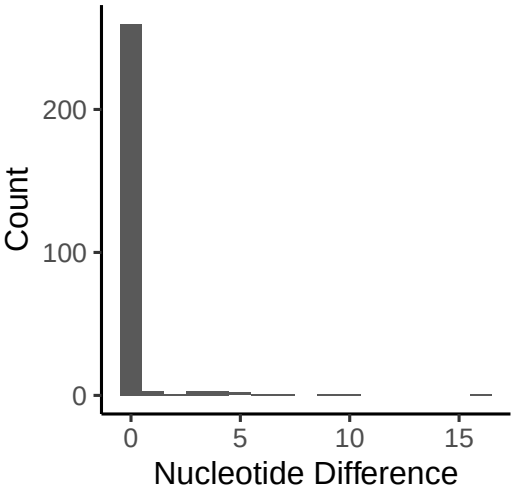
IGHV4−59*01

114 sequences assigned
100 (87.7%) exact matches, in which:
100 unique CDR3
6 unique J



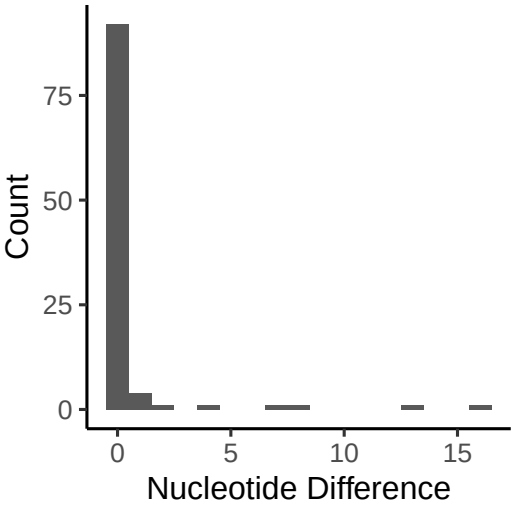
IGHV5−51*01

277 sequences assigned
260 (93.9%) exact matches, in which:
260 unique CDR3
6 unique J



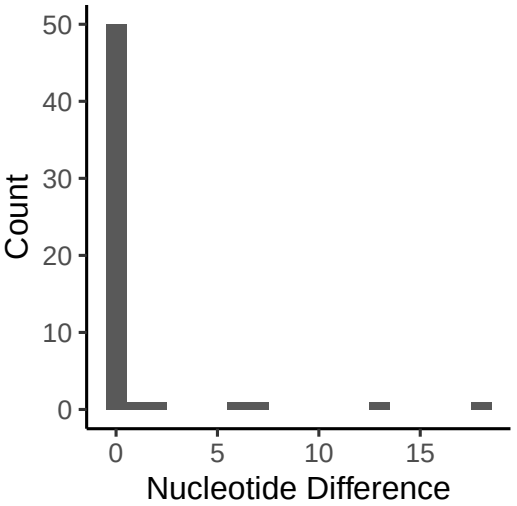
IGHV4−59*08

102 sequences assigned
92 (90.2%) exact matches, in which:
92 unique CDR3
6 unique J



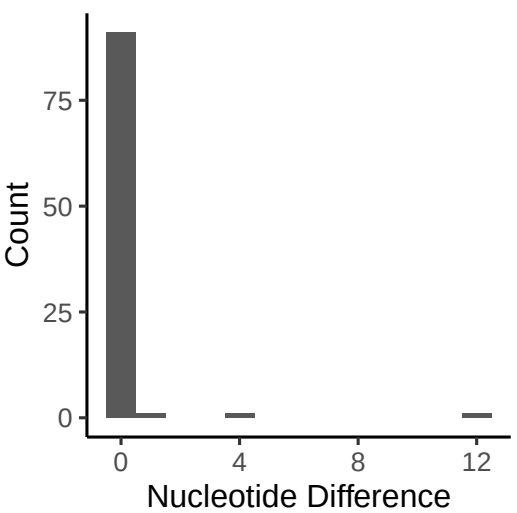
IGHV6−1*01

56 sequences assigned
50 (89.3%) exact matches, in which:
50 unique CDR3
5 unique J



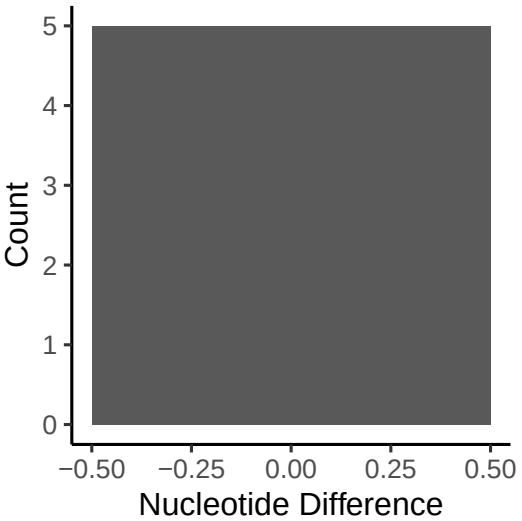
IGHV5−10−1*03

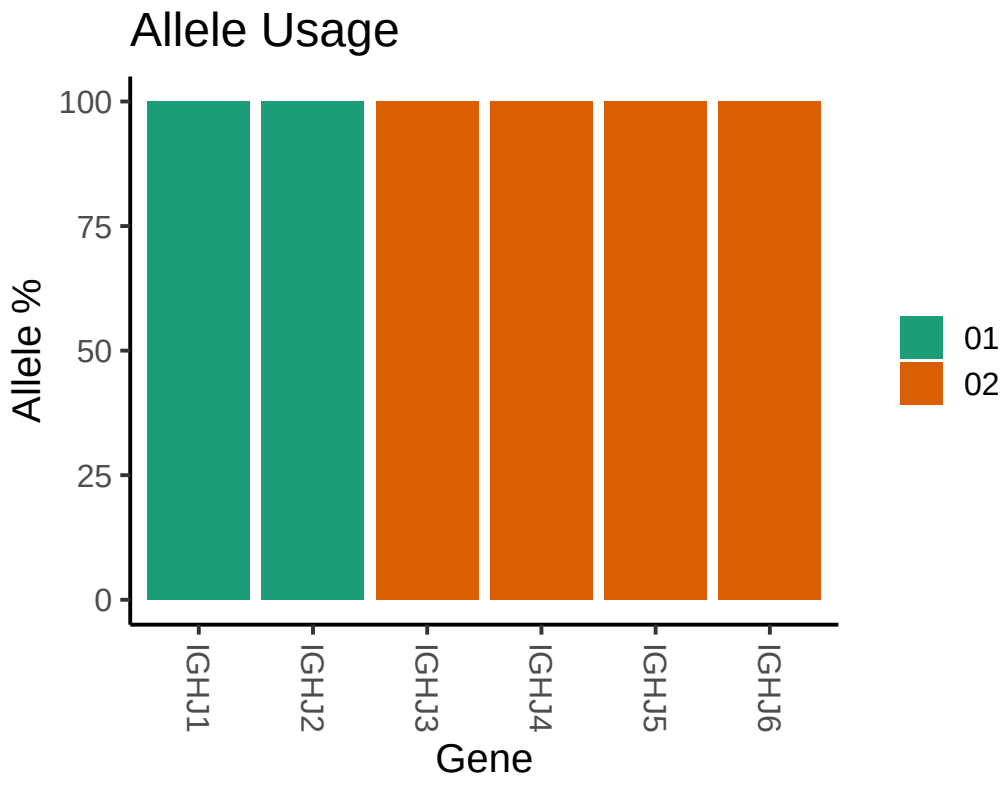
95 sequences assigned
91 (95.8%) exact matches, in which:
90 unique CDR3
5 unique J



IGHV7−4−1*01

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




Allele Usage
100
75
50
25
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IGHJ2
IGHJ3
IGHJ4
IGHJ5
IGHJ6
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Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.