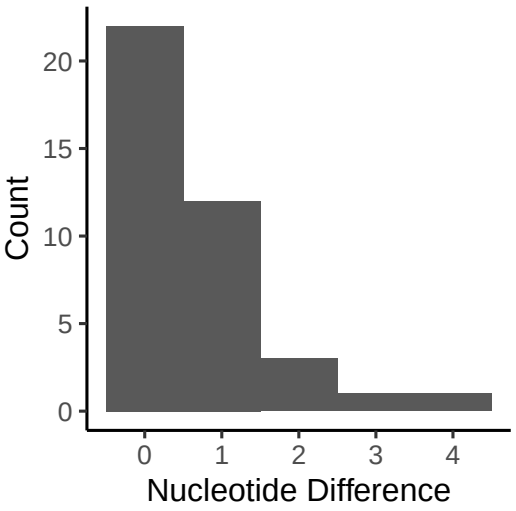
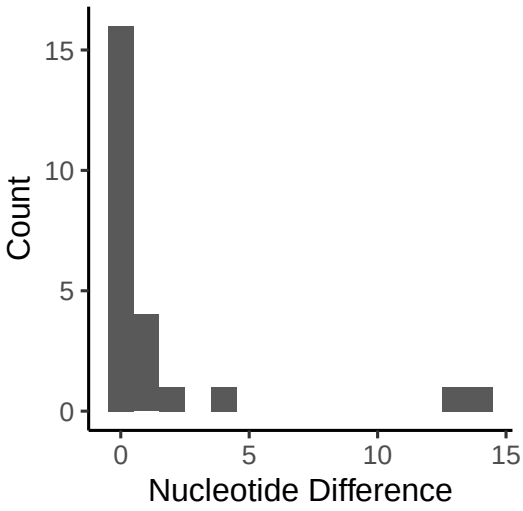
IGHV1−2*04

40 sequences assigned
22 (55%) exact matches, in which:
22 unique CDR3
4 unique J



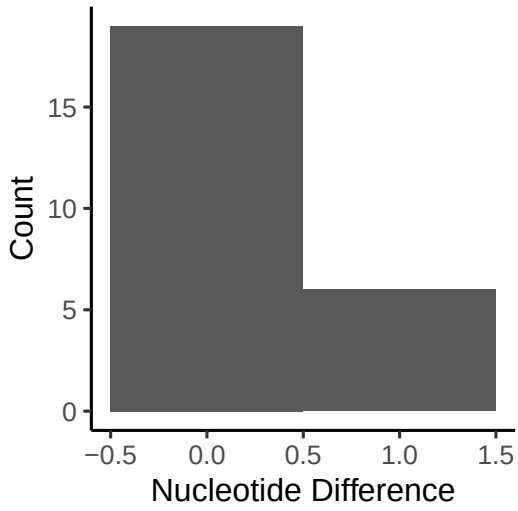
IGHV1−18*04

24 sequences assigned
16 (66.7%) exact matches, in which:
16 unique CDR3
4 unique J



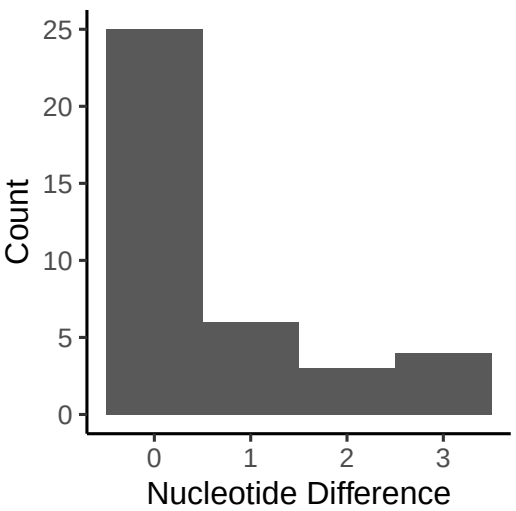
IGHV1−46*03

25 sequences assigned
19 (76%) exact matches, in which:
19 unique CDR3
6 unique J



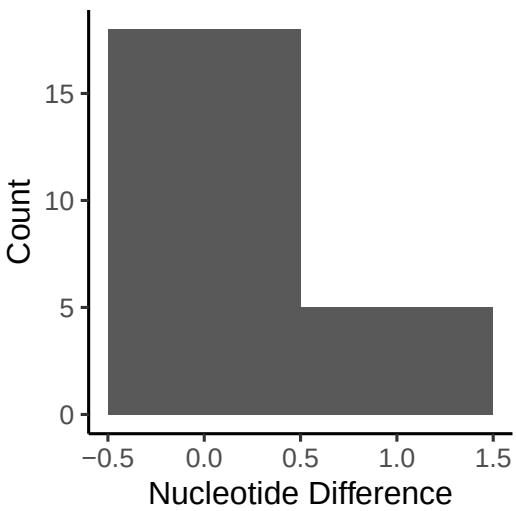
IGHV1−3*01

38 sequences assigned
25 (65.8%) exact matches, in which:
25 unique CDR3
6 unique J



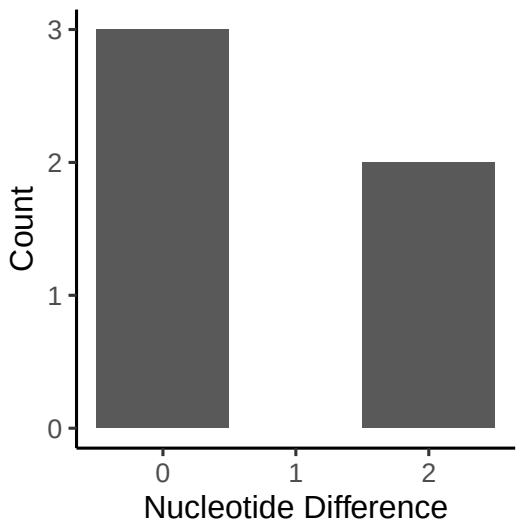
IGHV1−24*01

23 sequences assigned
18 (78.3%) exact matches, in which:
18 unique CDR3
6 unique J



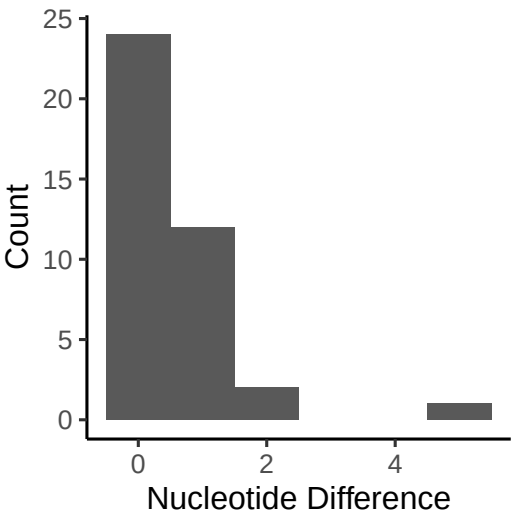
IGHV1−69−2*01

5 sequences assigned
3 (60%) exact matches, in which:
3 unique CDR3
3 unique J



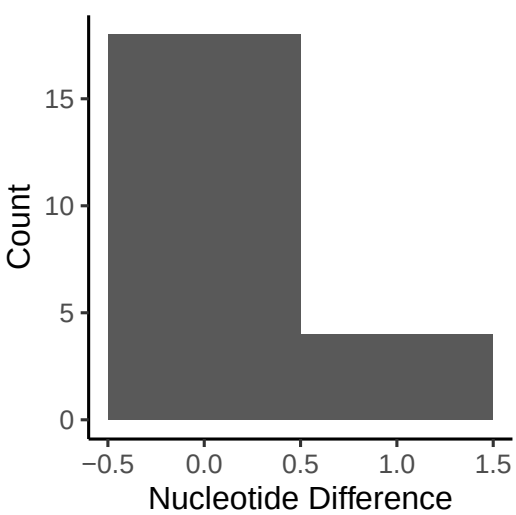
IGHV1−18*01

39 sequences assigned
24 (61.5%) exact matches, in which:
24 unique CDR3
4 unique J



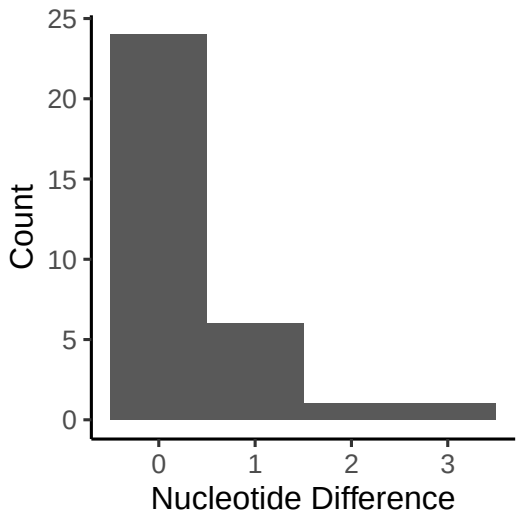
IGHV1−46*01

22 sequences assigned
18 (81.8%) exact matches, in which:
18 unique CDR3
4 unique J



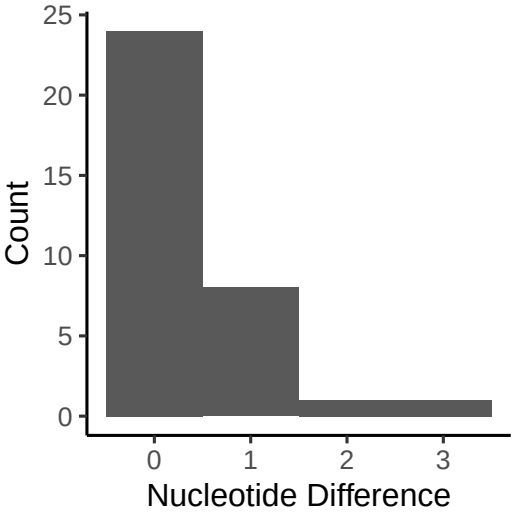
IGHV1−69*02

32 sequences assigned
24 (75%) exact matches, in which:
24 unique CDR3
5 unique J



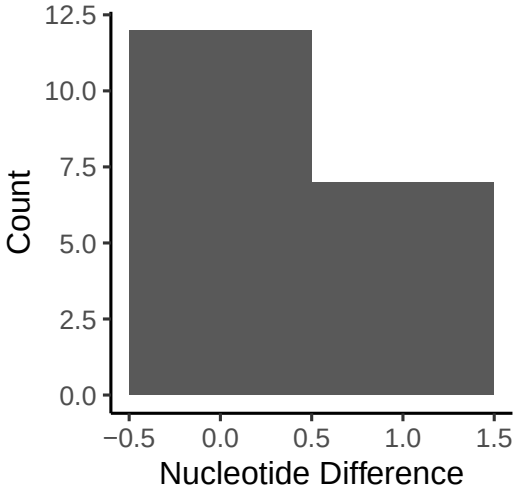
IGHV1−69*06

34 sequences assigned
24 (70.6%) exact matches, in which:
24 unique CDR3
5 unique J



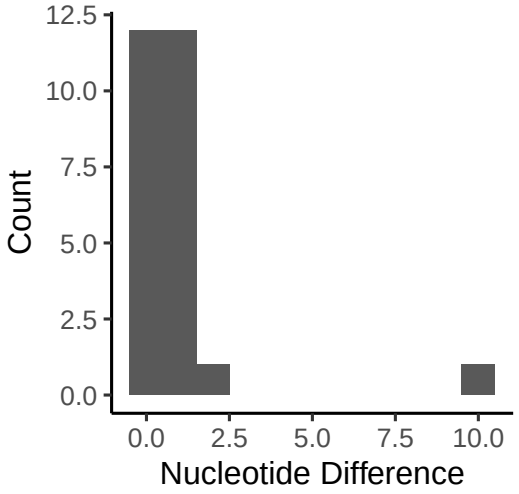
IGHV2−26*01

19 sequences assigned
12 (63.2%) exact matches, in which:
12 unique CDR3
6 unique J



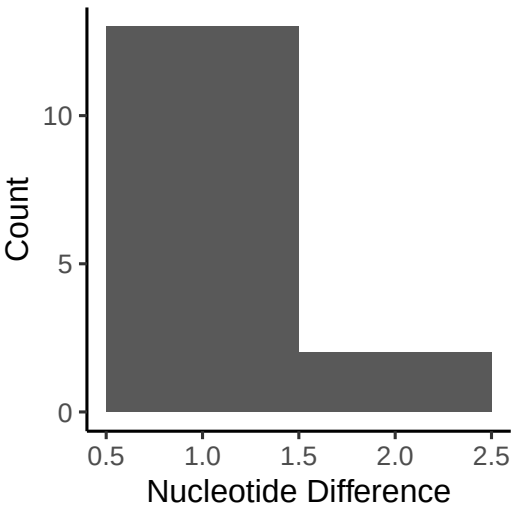
IGHV3−7*03

26 sequences assigned
12 (46.2%) exact matches, in which:
12 unique CDR3
3 unique J



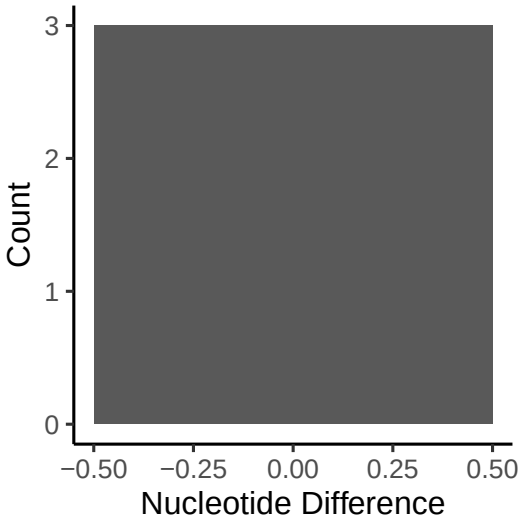
IGHV1−69*08

15 sequences assigned
No exact matches.



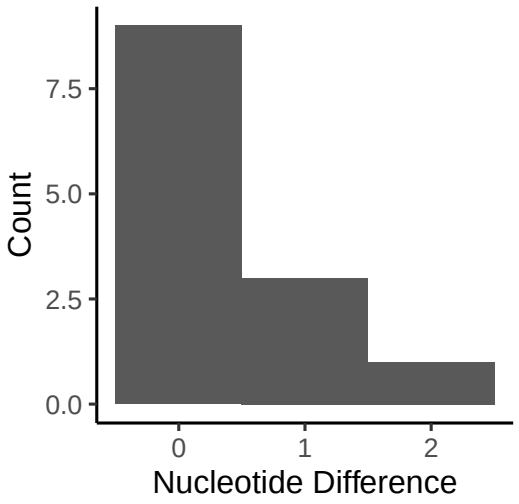
IGHV2−70*01

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



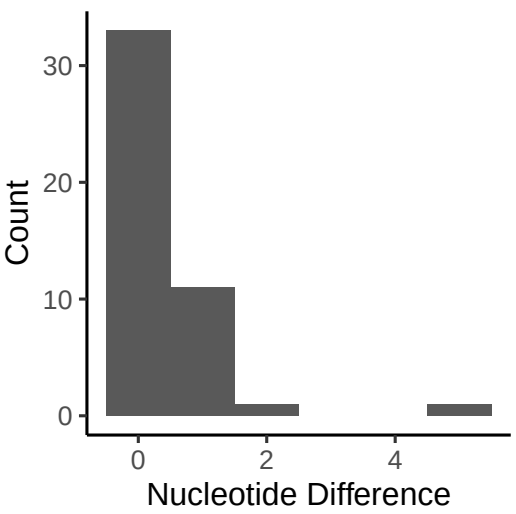
IGHV3−7*04

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



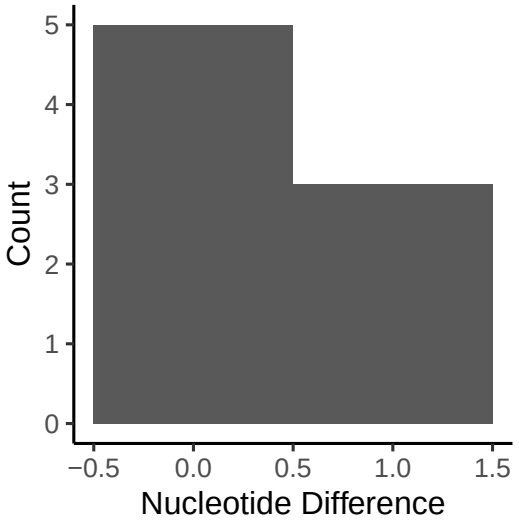
IGHV2−5*02

46 sequences assigned
33 (71.7%) exact matches, in which:
29 unique CDR3
5 unique J



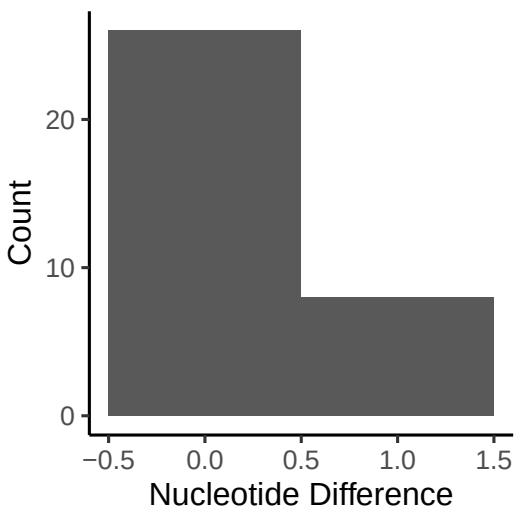
IGHV2−70*15

8 sequences assigned
5 (62.5%) exact matches, in which:
5 unique CDR3
3 unique J



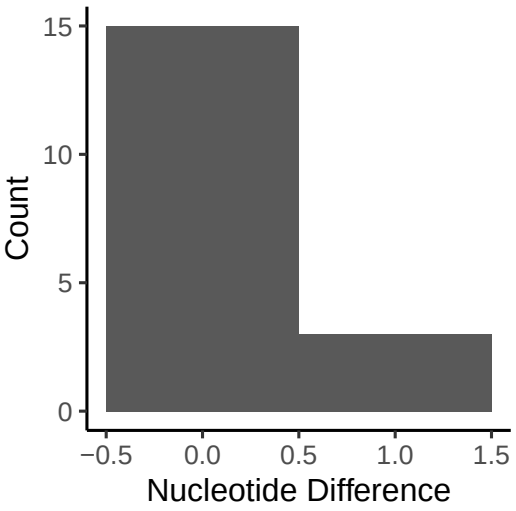
IGHV3−11*05

34 sequences assigned
26 (76.5%) exact matches, in which:
26 unique CDR3
4 unique J



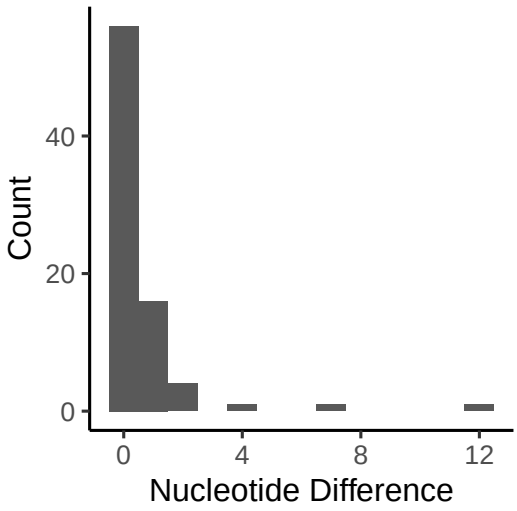
IGHV3−11*06

18 sequences assigned
15 (83.3%) exact matches, in which:
14 unique CDR3
4 unique J



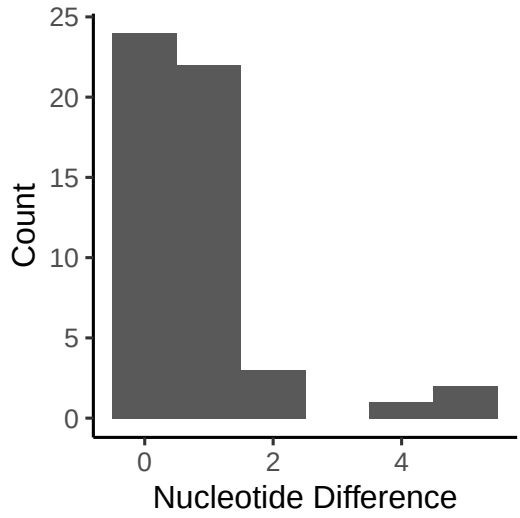
IGHV3−15*01

79 sequences assigned
56 (70.9%) exact matches, in which:
55 unique CDR3
6 unique J



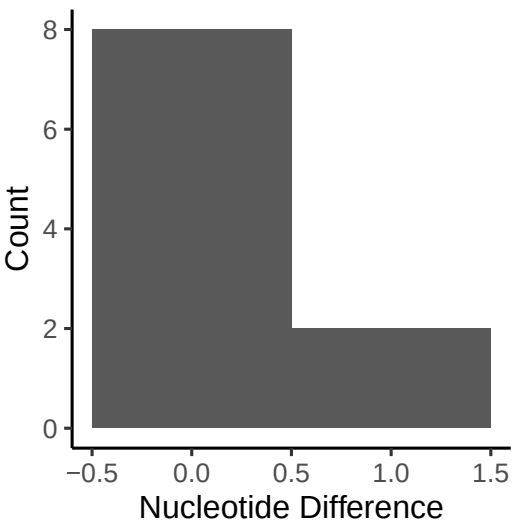
IGHV3−30−3*01

52 sequences assigned
24 (46.2%) exact matches, in which:
24 unique CDR3
4 unique J



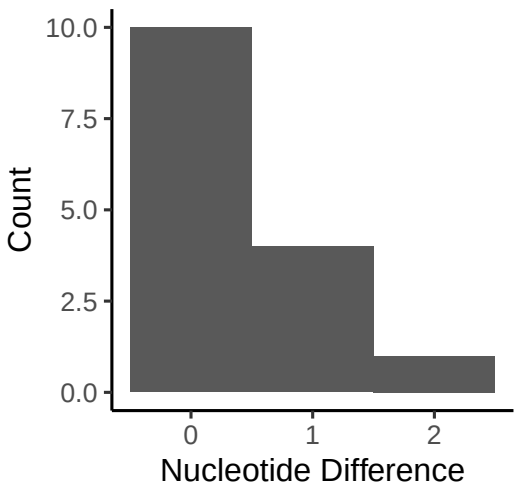
IGHV3−13*04

10 sequences assigned
8 (80%) exact matches, in which:
8 unique CDR3
5 unique J



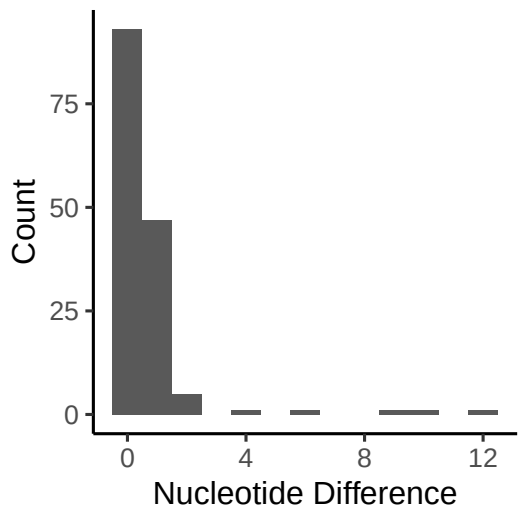
IGHV3−20*04

15 sequences assigned
10 (66.7%) exact matches, in which:
10 unique CDR3
4 unique J



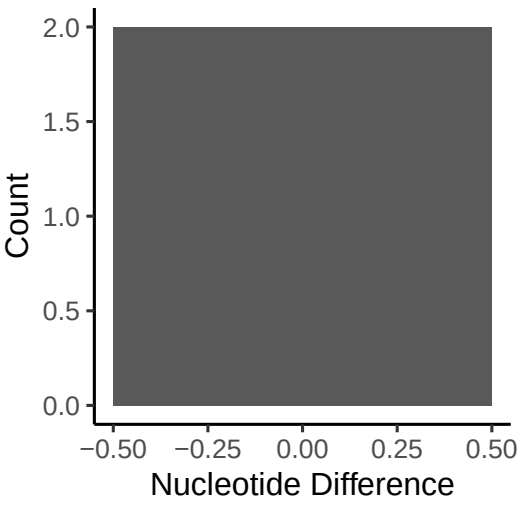
IGHV3−33*01

150 sequences assigned
93 (62%) exact matches, in which:
89 unique CDR3
6 unique J



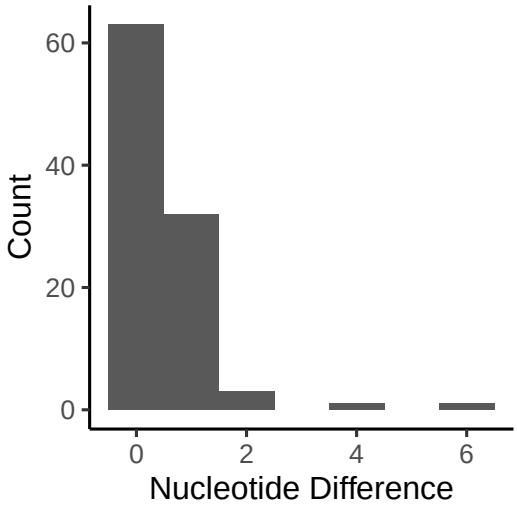
IGHV3−13*05

2 sequences assigned
2 (100%) exact matches, in which:
2 unique CDR3
2 unique J



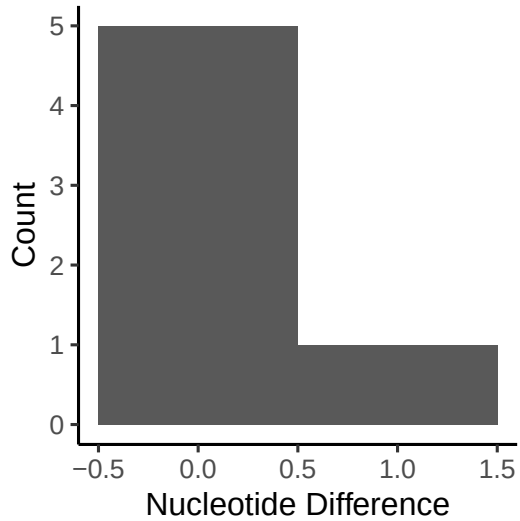
IGHV3−21*01

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



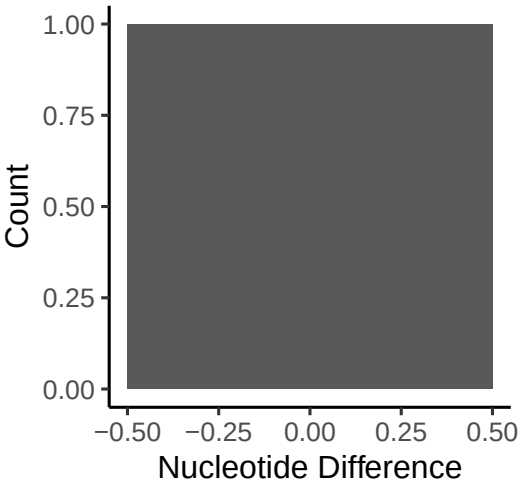
IGHV3−43*01

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



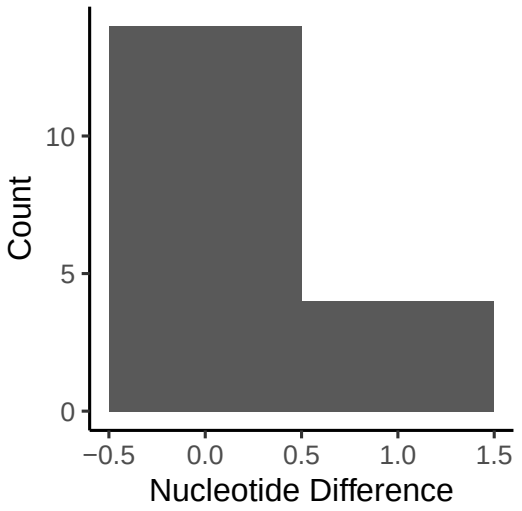
IGHV3−47*02

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



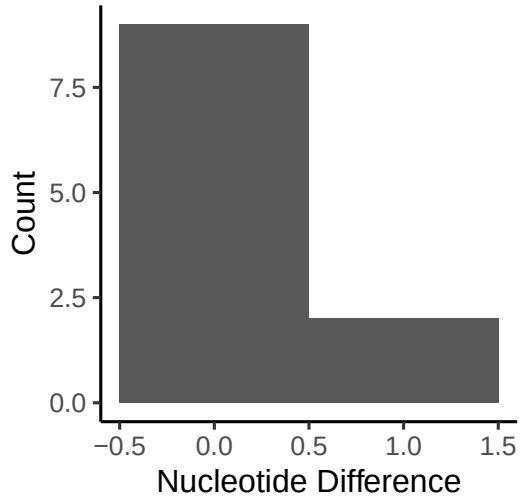
IGHV3−49*03

18 sequences assigned
14 (77.8%) exact matches, in which:
14 unique CDR3
4 unique J



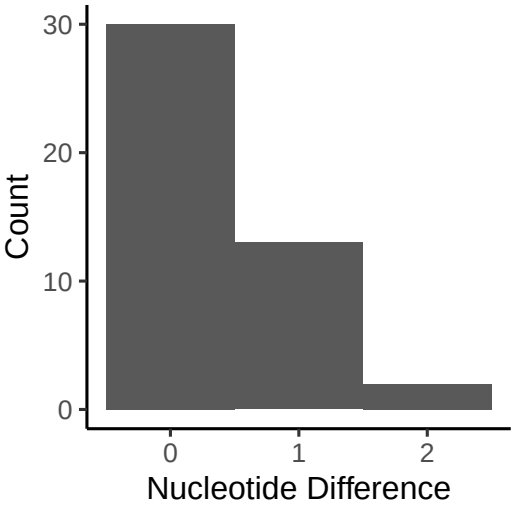
IGHV3−53*04

11 sequences assigned
9 (81.8%) exact matches, in which:
9 unique CDR3
4 unique J



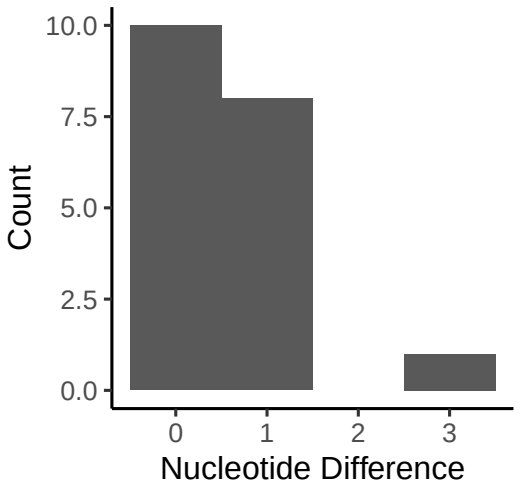
IGHV3−48*01

45 sequences assigned
30 (66.7%) exact matches, in which:
29 unique CDR3
6 unique J



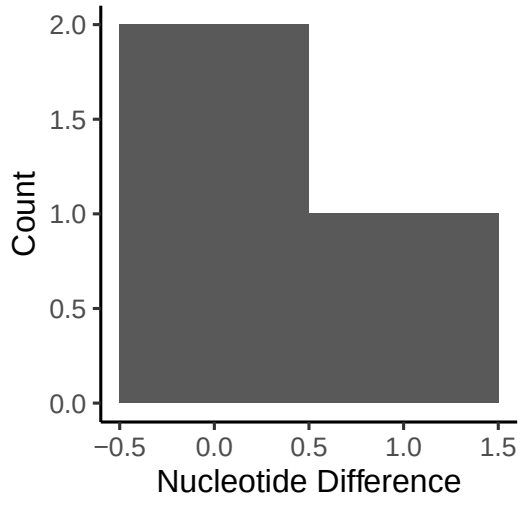
IGHV3−49*05

19 sequences assigned
10 (52.6%) exact matches, in which:
10 unique CDR3
3 unique J



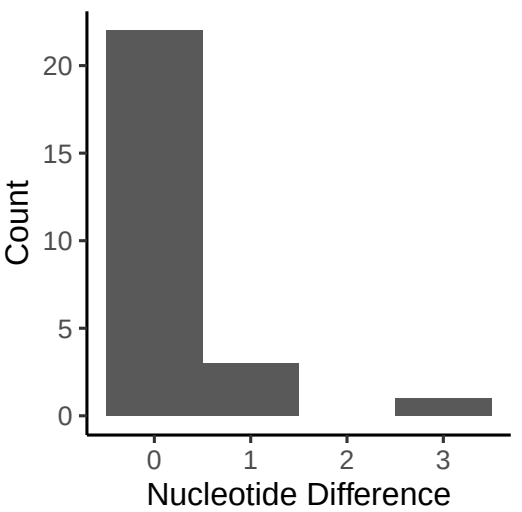
IGHV3−64*01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
1 unique J



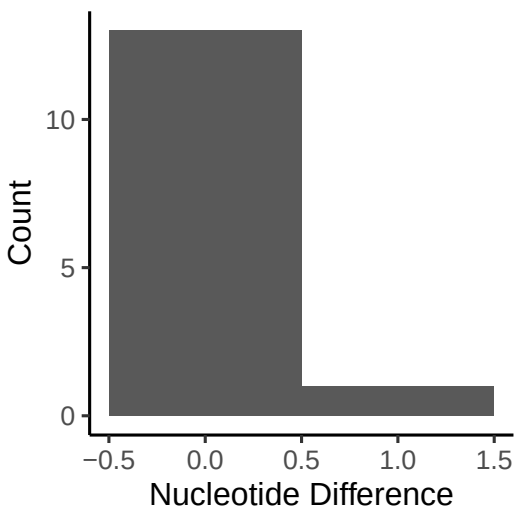
IGHV3−48*02

26 sequences assigned
22 (84.6%) exact matches, in which:
22 unique CDR3
4 unique J



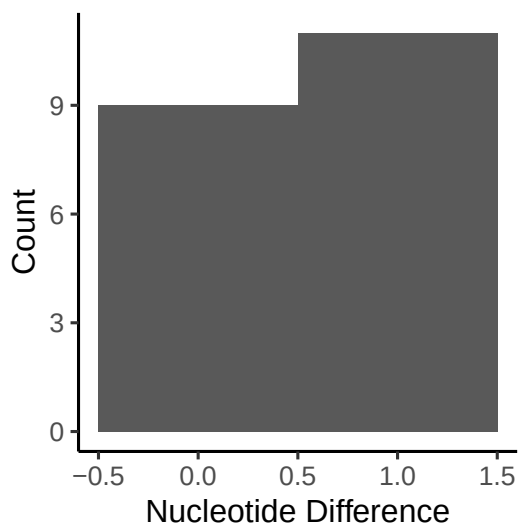
IGHV3−53*01

14 sequences assigned
13 (92.9%) exact matches, in which:
12 unique CDR3
4 unique J



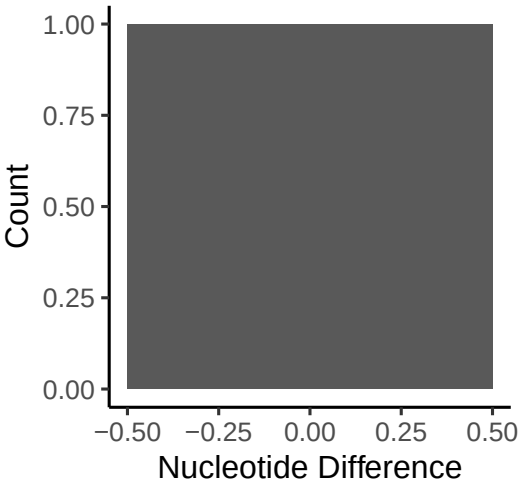
IGHV3−66*01

20 sequences assigned
9 (45%) exact matches, in which:
9 unique CDR3
2 unique J



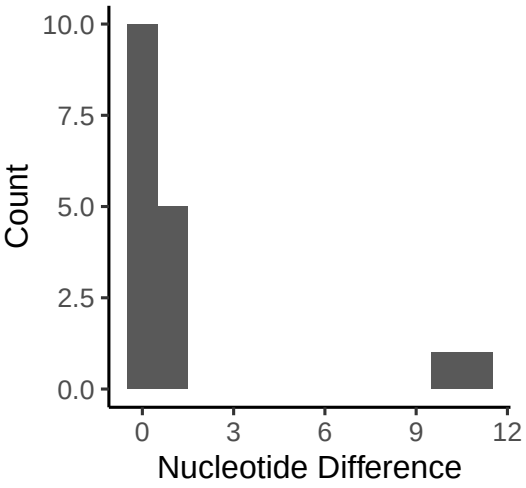
IGHV3−72*01

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



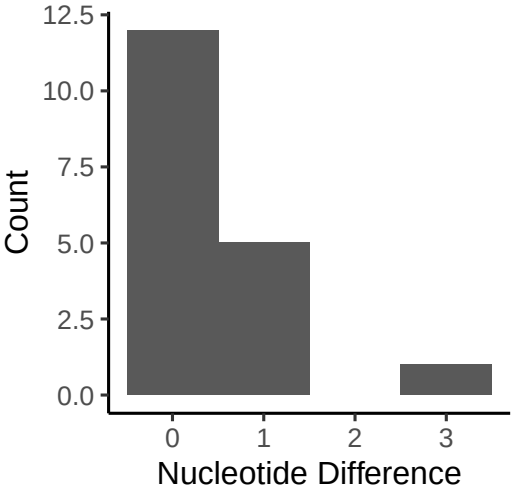
IGHV3−74*01

17 sequences assigned
10 (58.8%) exact matches, in which:
10 unique CDR3
4 unique J



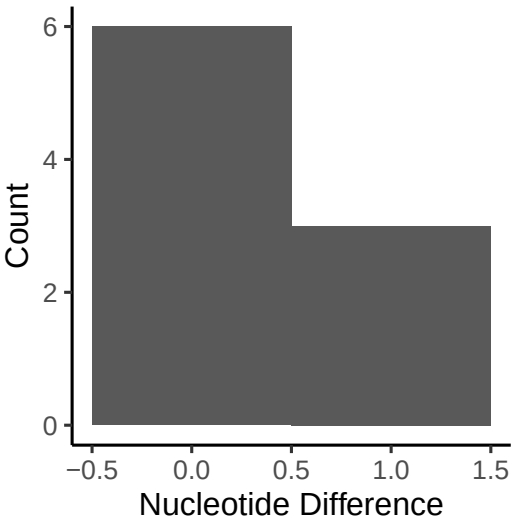
IGHV4−30−2*01

18 sequences assigned
12 (66.7%) exact matches, in which:
12 unique CDR3
4 unique J



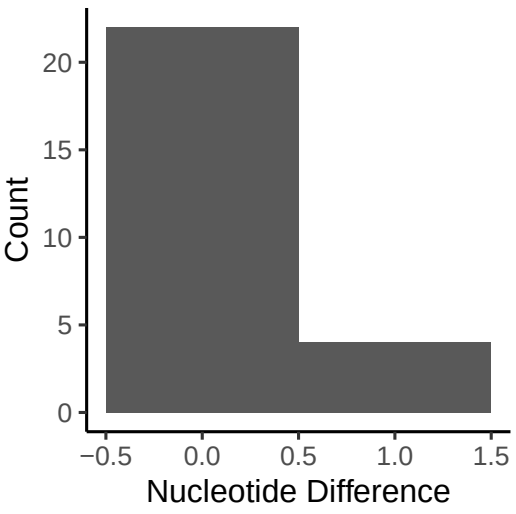
IGHV3−73*01

9 sequences assigned
6 (66.7%) exact matches, in which:
6 unique CDR3
3 unique J



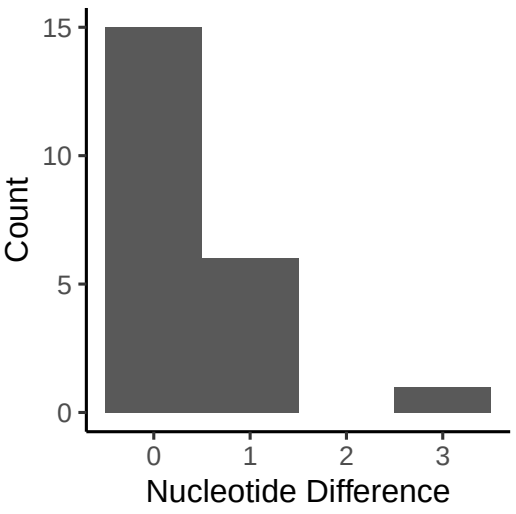
IGHV3−64D*06

26 sequences assigned
22 (84.6%) exact matches, in which:
20 unique CDR3
3 unique J



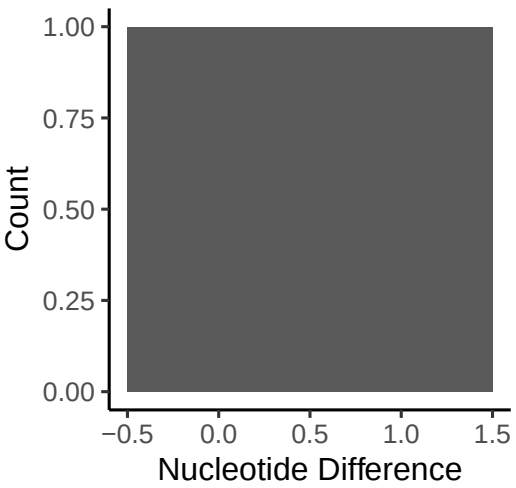
IGHV4−30−4*01

22 sequences assigned
15 (68.2%) exact matches, in which:
14 unique CDR3
5 unique J



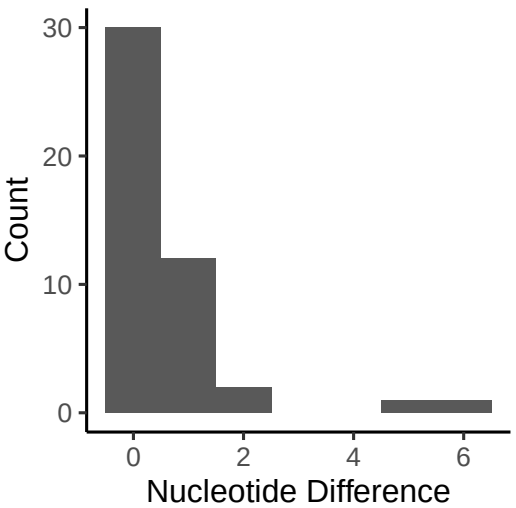
IGHV3−73*02

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



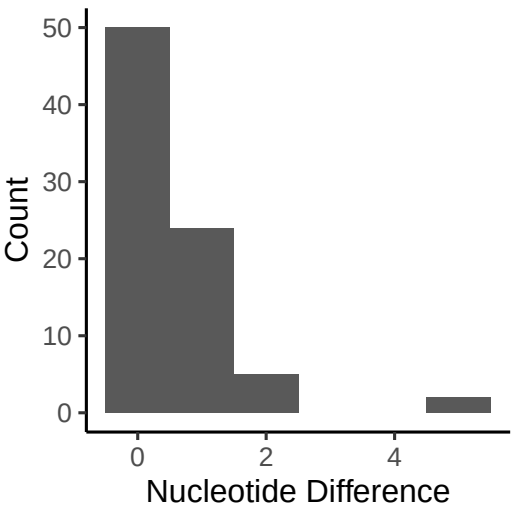
IGHV4−4*02

46 sequences assigned
30 (65.2%) exact matches, in which:
30 unique CDR3
5 unique J



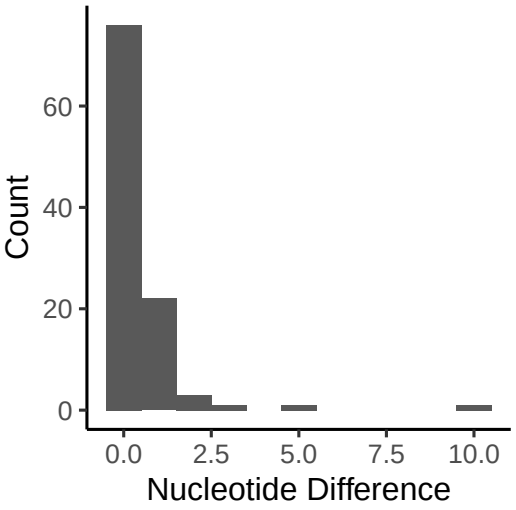
IGHV4−31*03

81 sequences assigned
50 (61.7%) exact matches, in which:
50 unique CDR3
7 unique J



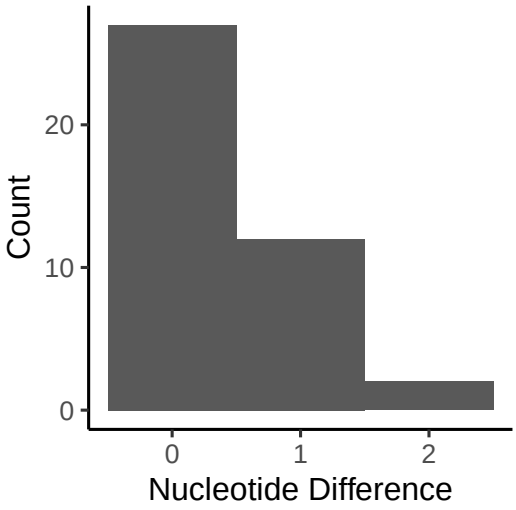
IGHV4−34*01

105 sequences assigned
76 (72.4%) exact matches, in which:
73 unique CDR3
6 unique J



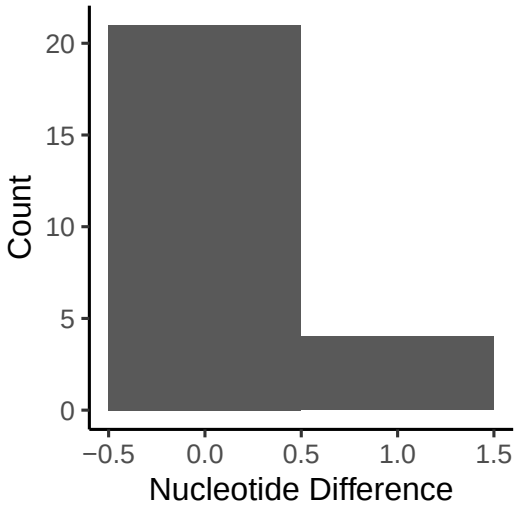
IGHV4−59*08

41 sequences assigned
27 (65.9%) exact matches, in which:
25 unique CDR3
5 unique J



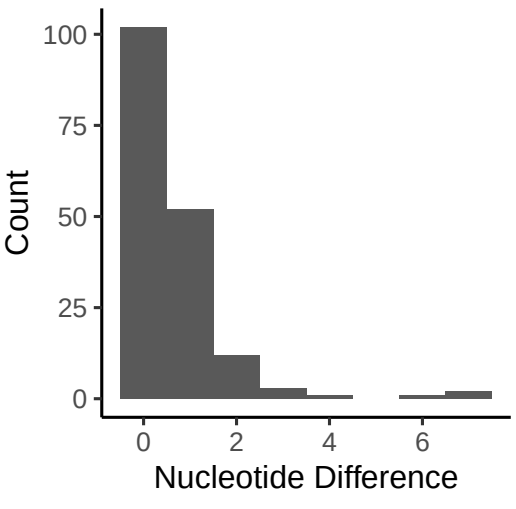
IGHV5−10−1*03

25 sequences assigned
21 (84%) exact matches, in which:
21 unique CDR3
6 unique J



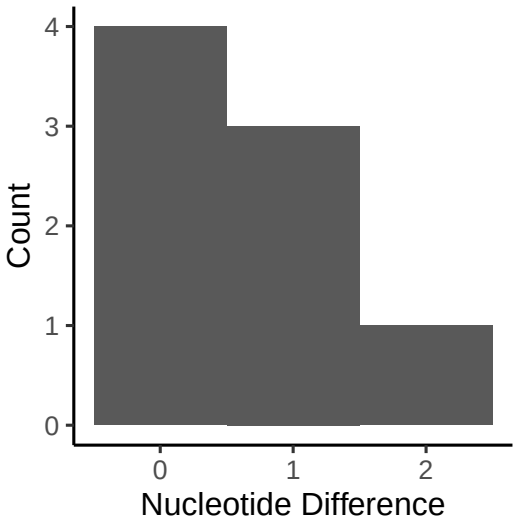
IGHV4−39*01

173 sequences assigned
102 (59%) exact matches, in which:
102 unique CDR3
7 unique J



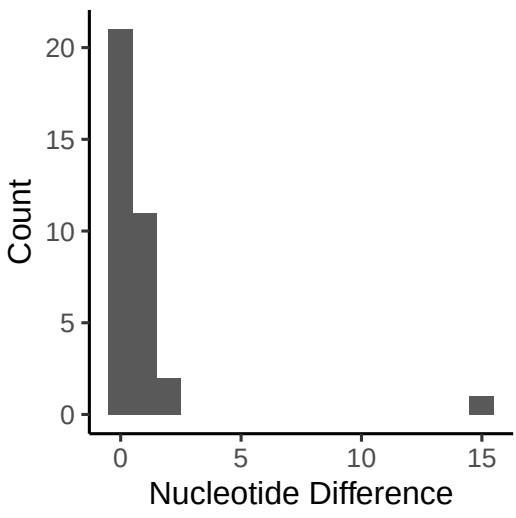
IGHV4−61*01

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



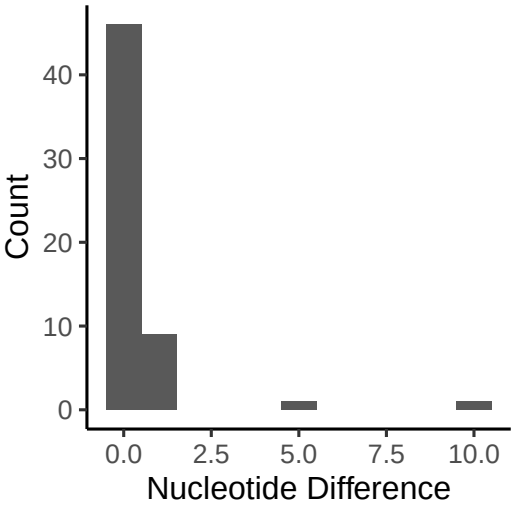
IGHV5−51*01

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



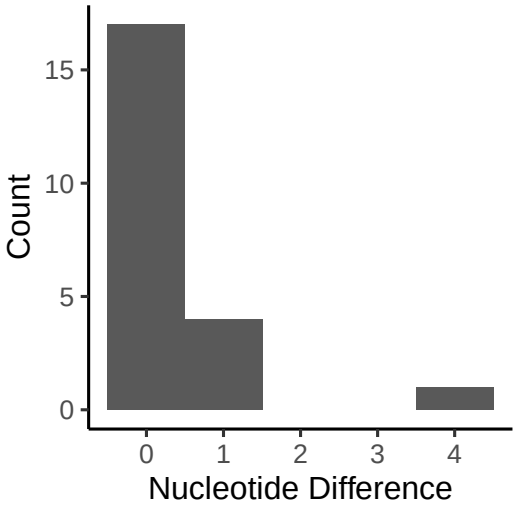
IGHV4−59*01

57 sequences assigned
46 (80.7%) exact matches, in which:
44 unique CDR3
6 unique J



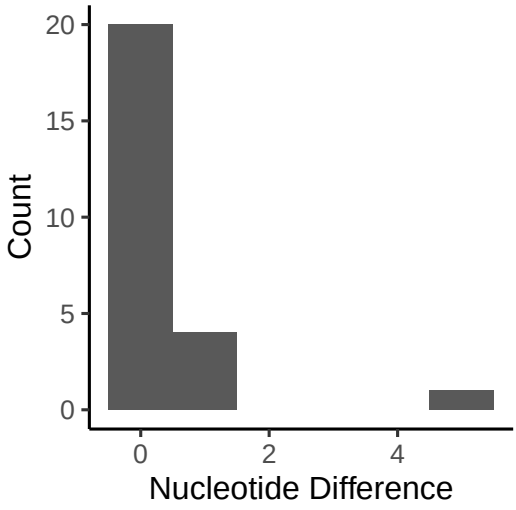
IGHV5−10−1*01

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



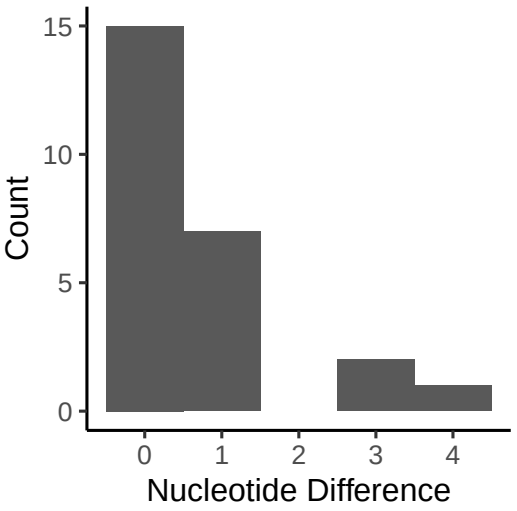
IGHV5−51*03

25 sequences assigned
20 (80%) exact matches, in which:
20 unique CDR3
4 unique J



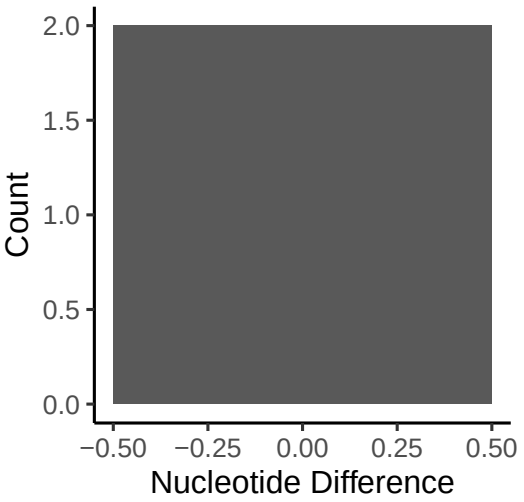
IGHV6−1*01

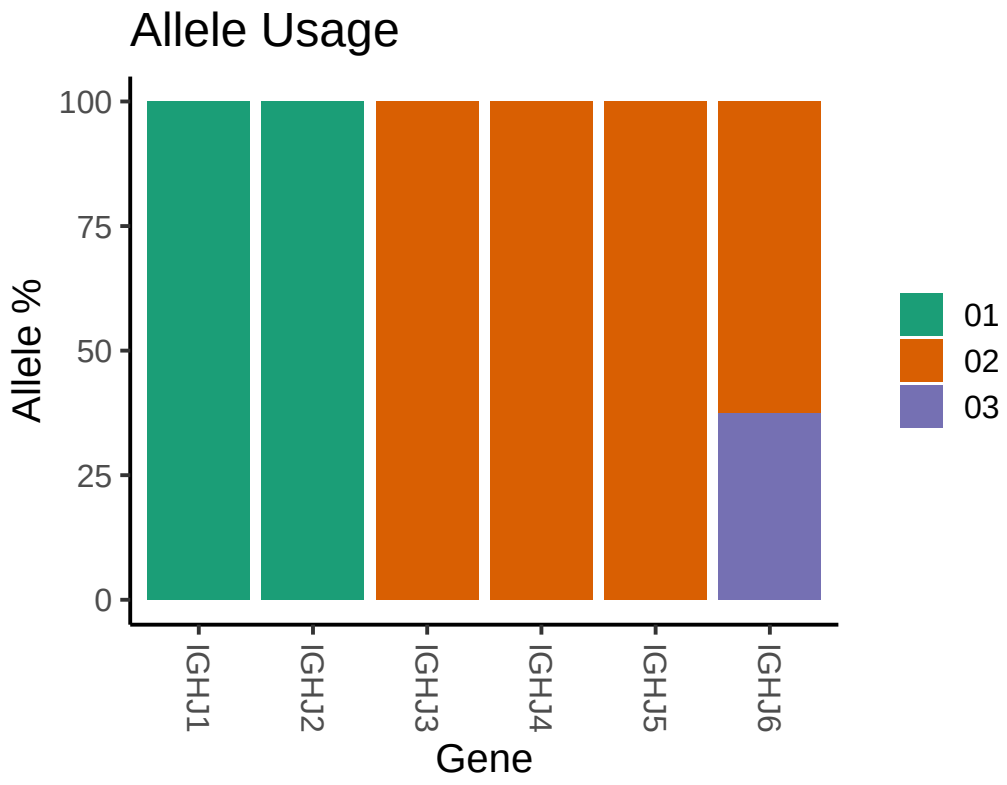
25 sequences assigned
15 (60%) exact matches, in which:
15 unique CDR3
6 unique J

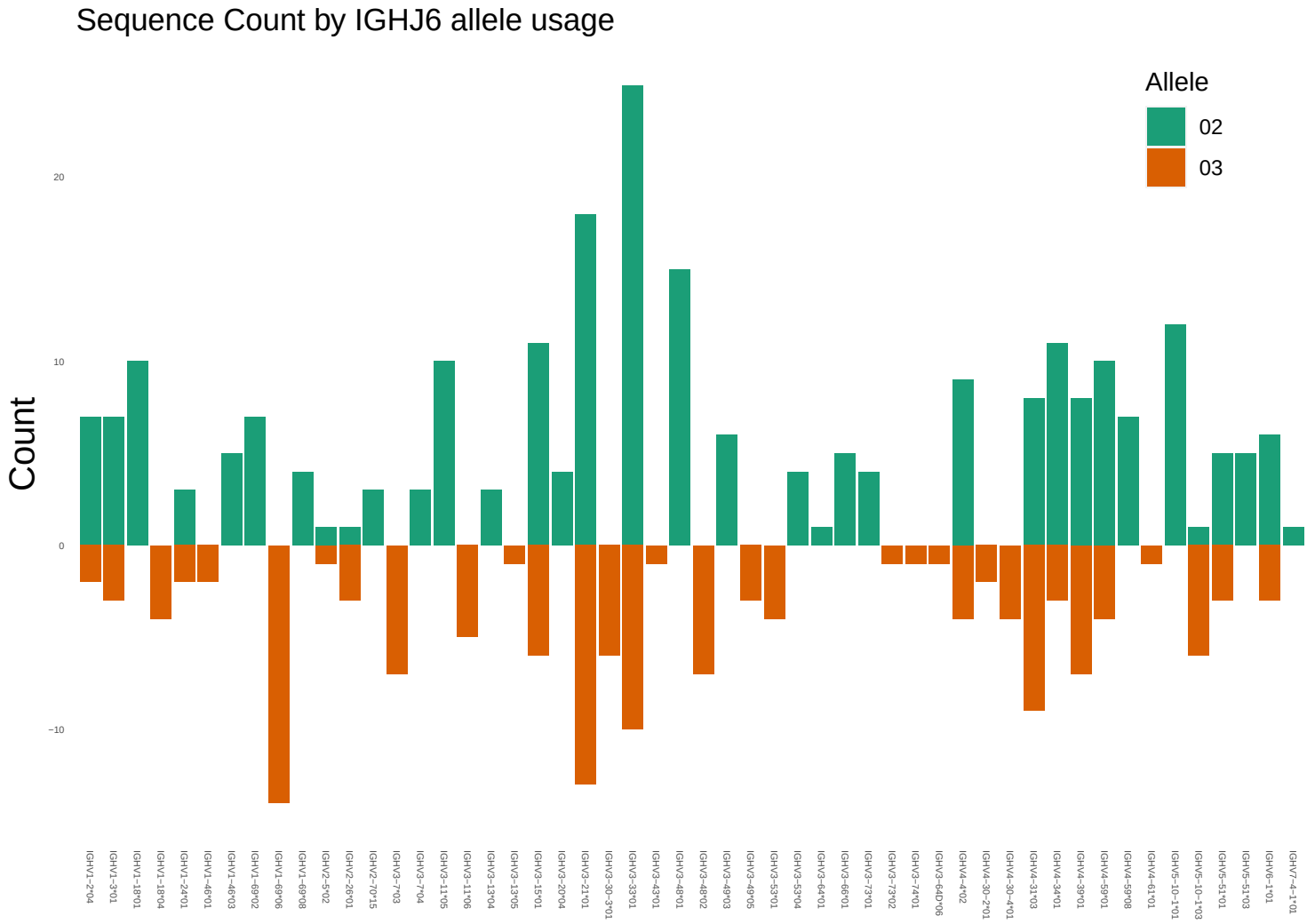


IGHV7−4−1*01

2 sequences assigned
2 (100%) exact matches, in which:
2 unique CDR3
2 unique J




Allele Usage
100
75
50
25
0
Allele %
IGHJ1
IGHJ2
IGHJ3
IGHJ4
IGHJ5
IGHJ6
Gene
01
02
03


Sequence Count by IGHJ6 allele usage
Allele
02
03
Count
20
10
0
−10
IGHV1−2*04
IGHV1−3*01
IGHV1−18*01
IGHV1−18*04
IGHV1−24*01
IGHV1−46*01
IGHV1−46*03
IGHV1−69*02
IGHV1−69*06
IGHV1−69*08
IGHV2−5*02
IGHV2−26*01
IGHV2−70*15
IGHV3−7*03
IGHV3−7*04
IGHV3−11*05
IGHV3−11*06
IGHV3−13*04
IGHV3−13*05
IGHV3−15*01
IGHV3−20*04
IGHV3−21*01
IGHV3−30−3*01
IGHV3−33*01
IGHV3−43*01
IGHV3−48*01
IGHV3−48*02
IGHV3−49*03
IGHV3−49*05
IGHV3−53*01
IGHV3−53*04
IGHV3−64*01
IGHV3−66*01
IGHV3−73*01
IGHV3−73*02
IGHV3−74*01
IGHV3−6AD*06
IGHV4−4*02
IGHV4−30−2*01
IGHV4−30−4*01
IGHV4−31*03
IGHV4−34*01
IGHV4−39*01
IGHV4−59*01
IGHV4−59*08
IGHV4−61*01
IGHV5−10−1*01
IGHV5−10−1*03
IGHV5−51*01
IGHV5−51*03
IGHV6−1*01
IGHV7−4−1*01

Warning − no inferred sequences found.