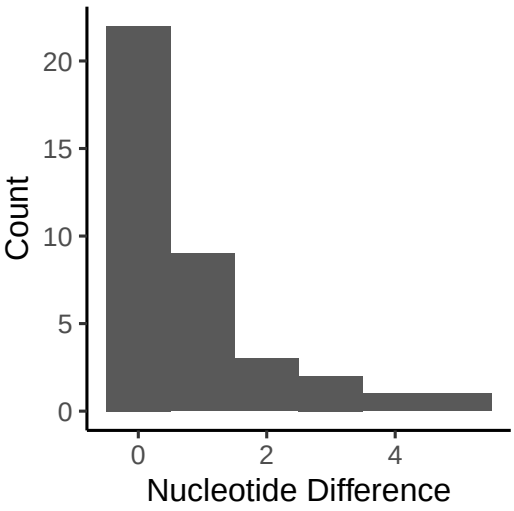
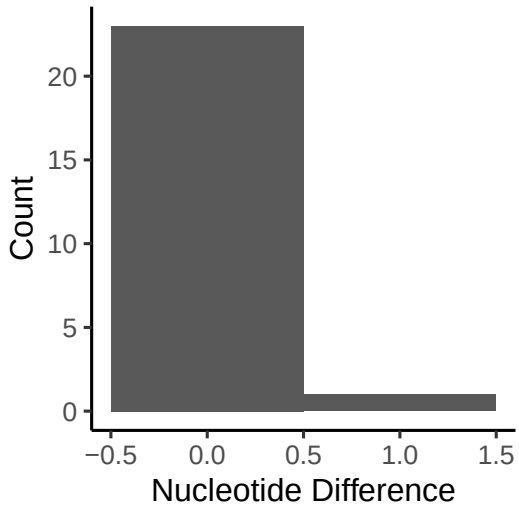
IGHV1−2*02

38 sequences assigned
22 (57.9%) exact matches, in which:
20 unique CDR3
4 unique J



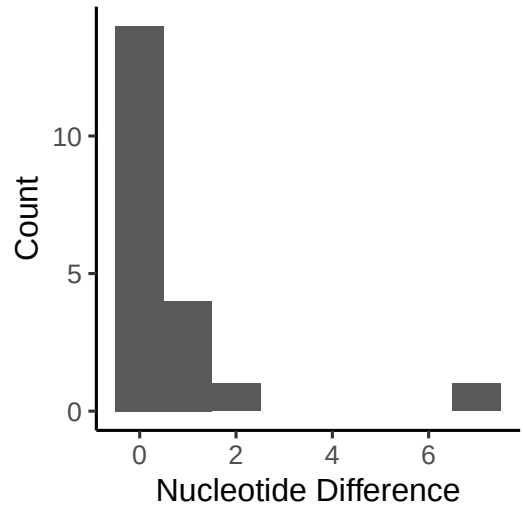
IGHV1−8*01

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



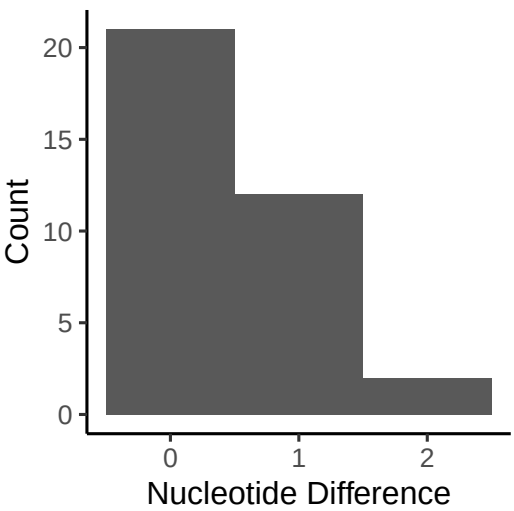
IGHV1−46*03

20 sequences assigned
14 (70%) exact matches, in which:
14 unique CDR3
6 unique J



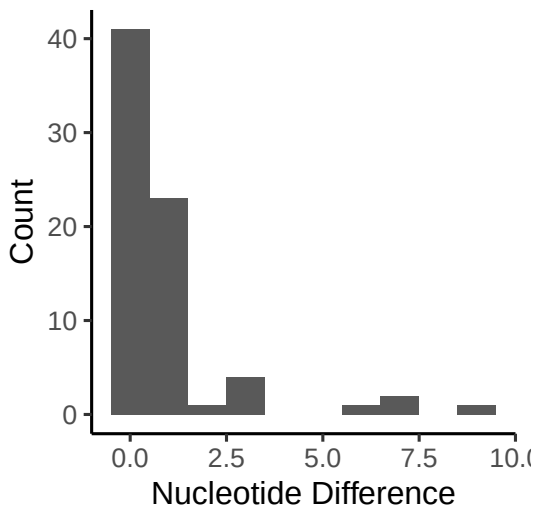
IGHV1−2*06

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



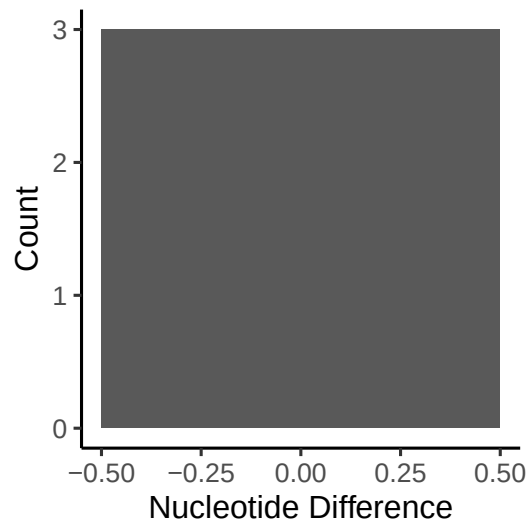
IGHV1−18*01

73 sequences assigned
41 (56.2%) exact matches, in which:
39 unique CDR3
6 unique J



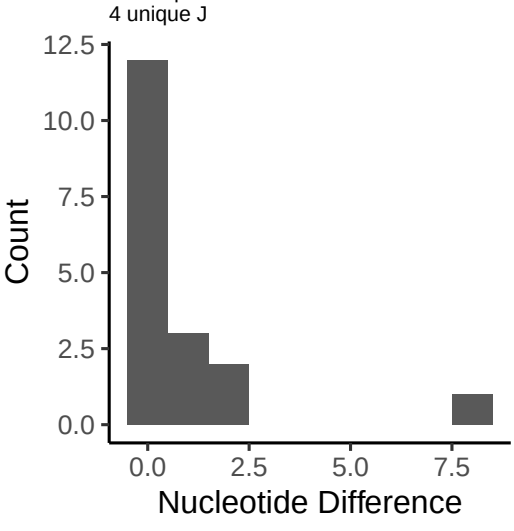
IGHV1−58*02

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



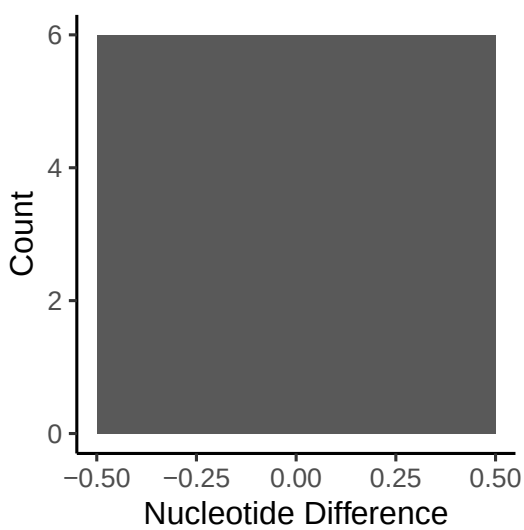
IGHV1−3*01

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



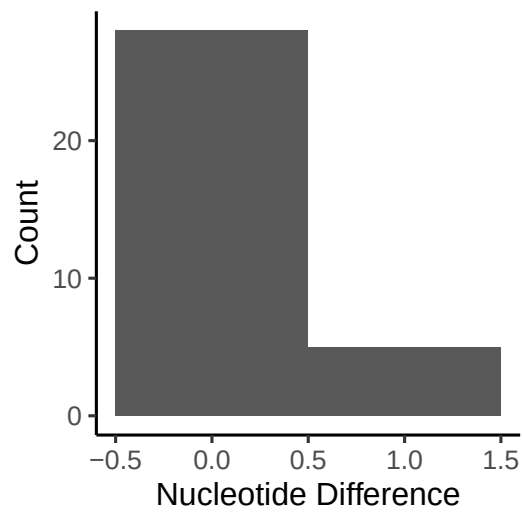
IGHV1−24*01

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



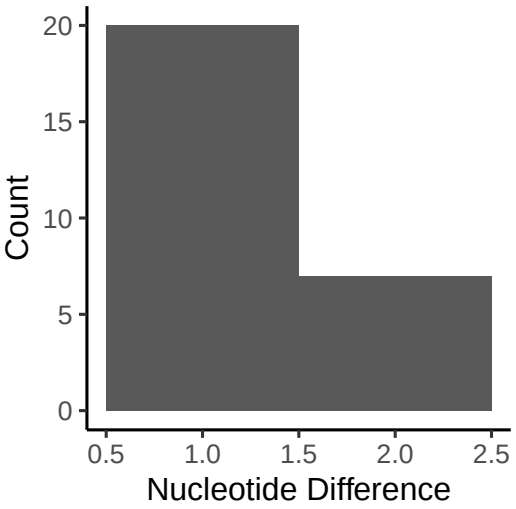
IGHV1−69*02

33 sequences assigned
28 (84.8%) exact matches, in which:
28 unique CDR3
6 unique J



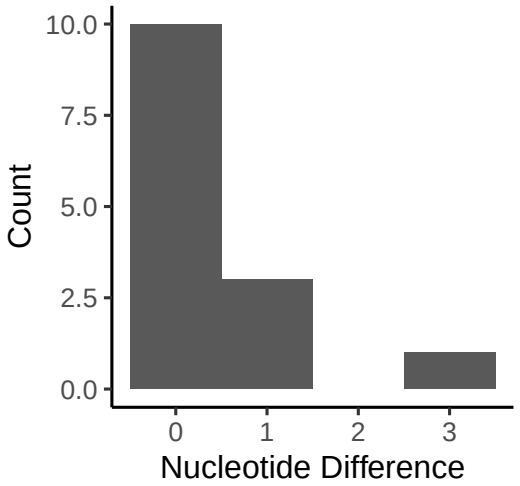
IGHV1−69*08

27 sequences assigned
No exact matches.



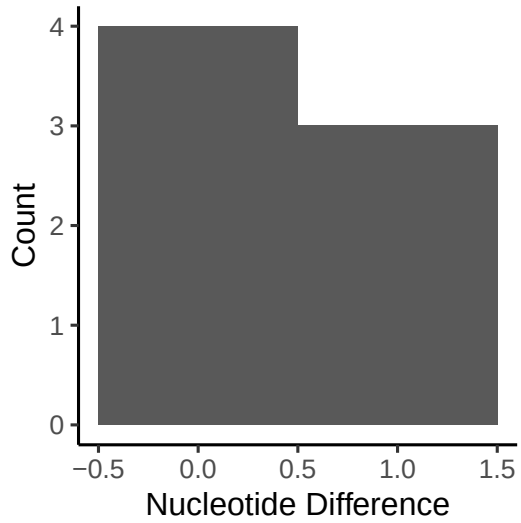
IGHV2−26*01

14 sequences assigned
10 (71.4%) exact matches, in which:
10 unique CDR3
4 unique J



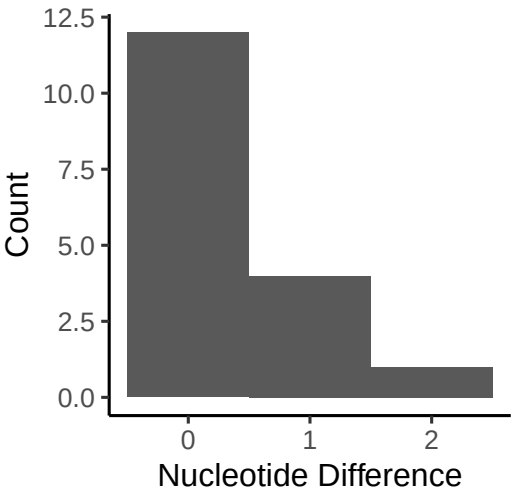
IGHV3−7*04

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



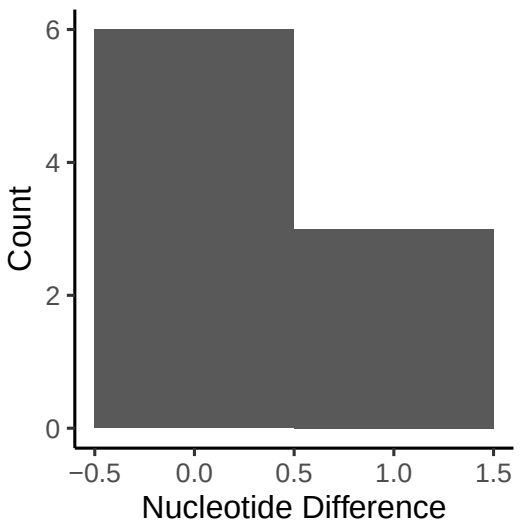
IGHV2−5*01

17 sequences assigned
12 (70.6%) exact matches, in which:
12 unique CDR3
4 unique J



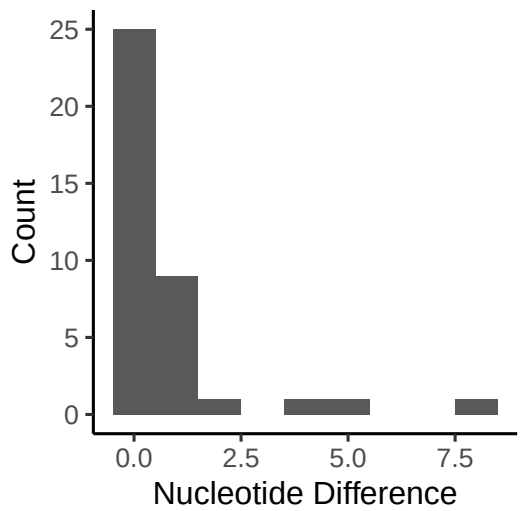
IGHV2−70*15

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



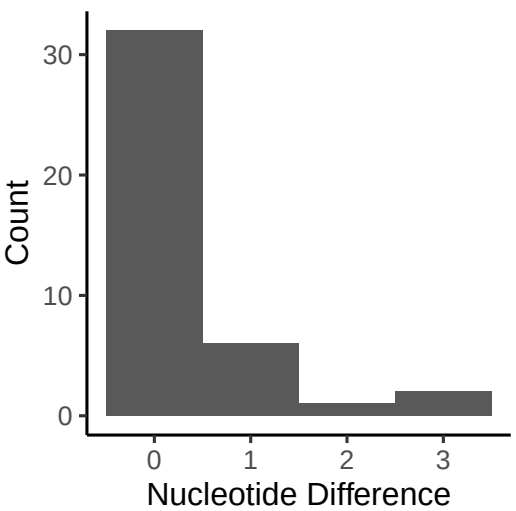
IGHV3−9*01

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



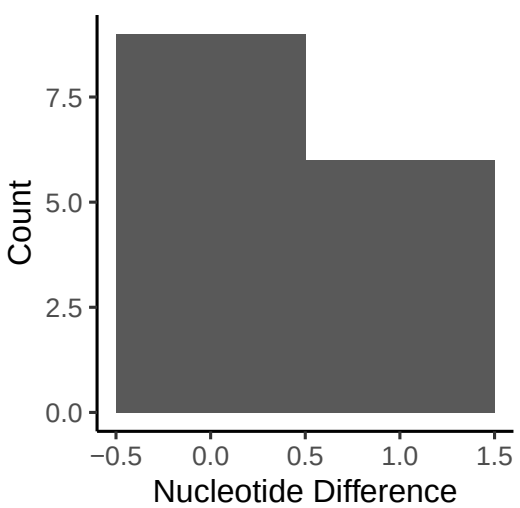
IGHV2−5*02

41 sequences assigned
32 (78%) exact matches, in which:
25 unique CDR3
5 unique J



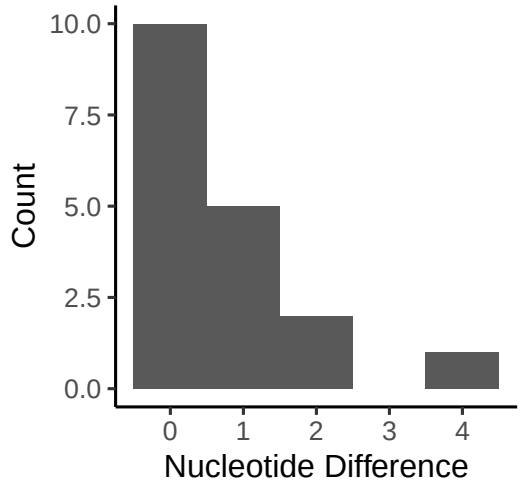
IGHV3−7*01

15 sequences assigned
9 (60%) exact matches, in which:
9 unique CDR3
3 unique J



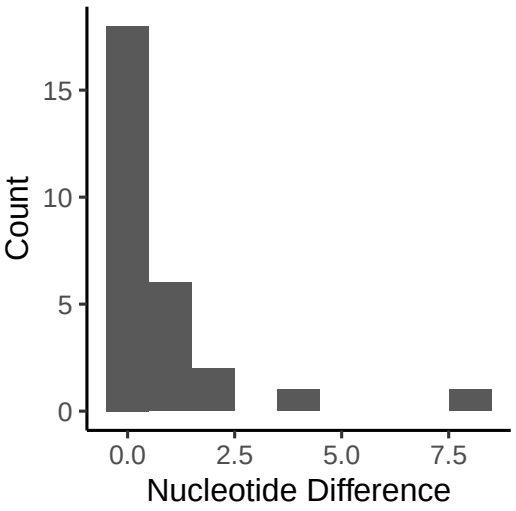
IGHV3−11*01

18 sequences assigned
10 (55.6%) exact matches, in which:
10 unique CDR3
4 unique J



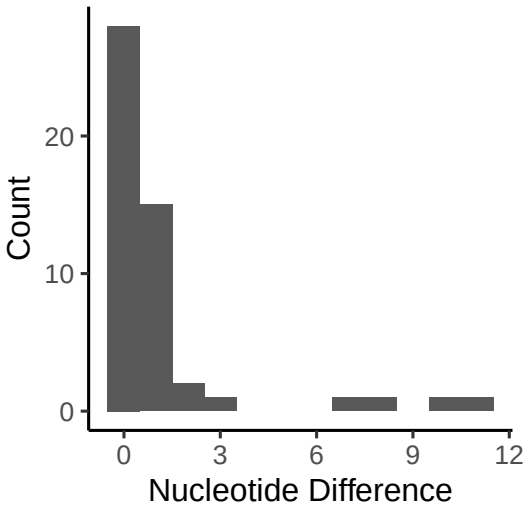
IGHV3−11*05

28 sequences assigned
18 (64.3%) exact matches, in which:
16 unique CDR3
4 unique J



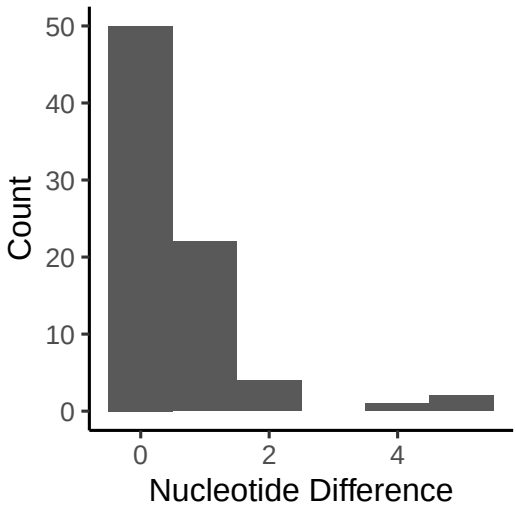
IGHV3−15*01

50 sequences assigned
28 (56%) exact matches, in which:
28 unique CDR3
3 unique J



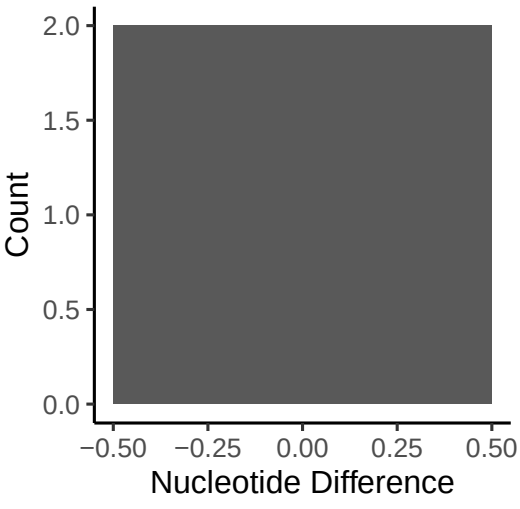
IGHV3−21*01

79 sequences assigned
50 (63.3%) exact matches, in which:
50 unique CDR3
6 unique J



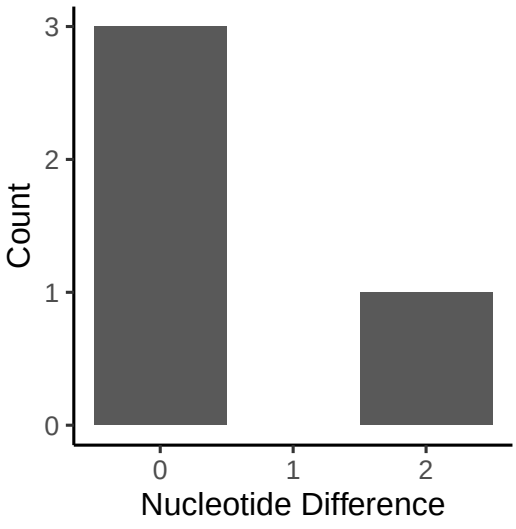
IGHV3−13*01

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



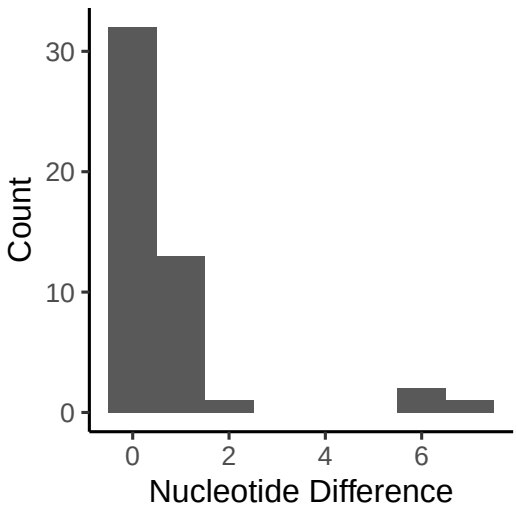
IGHV3−20*01

4 sequences assigned
3 (75%) exact matches, in which:
3 unique CDR3
1 unique J



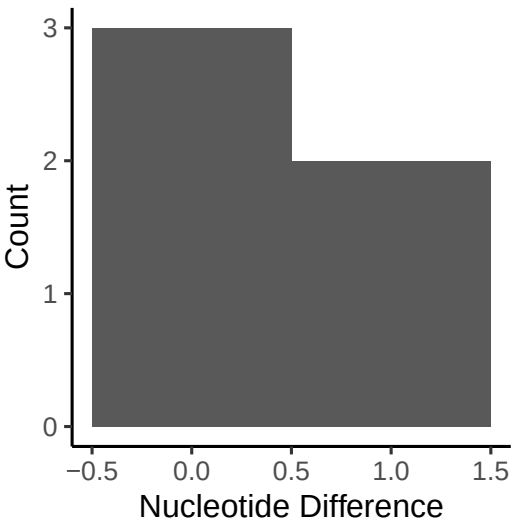
IGHV3−30−3*01

49 sequences assigned
32 (65.3%) exact matches, in which:
31 unique CDR3
4 unique J



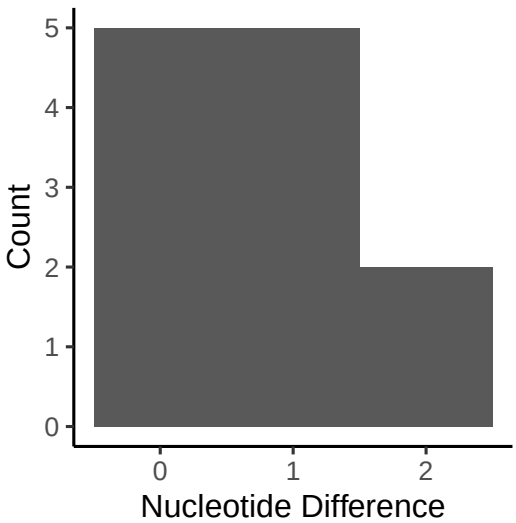
IGHV3−13*04

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



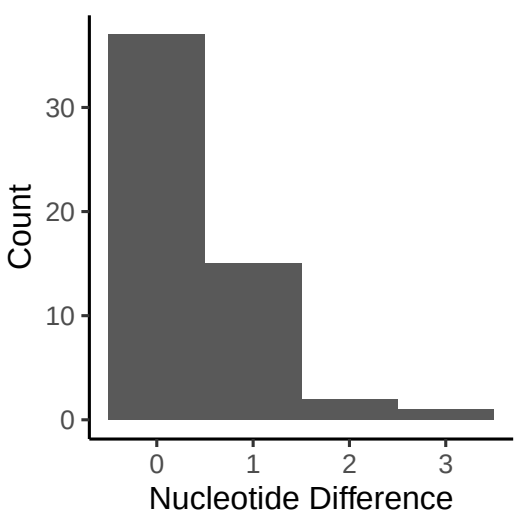
IGHV3−20*04

12 sequences assigned
5 (41.7%) exact matches, in which:
5 unique CDR3
2 unique J



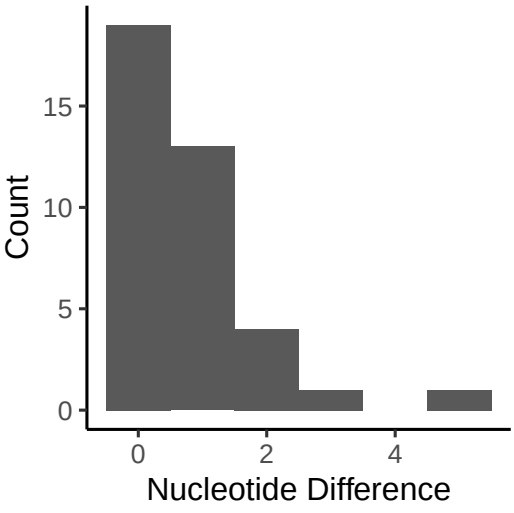
IGHV3−33*01

55 sequences assigned
37 (67.3%) exact matches, in which:
36 unique CDR3
7 unique J



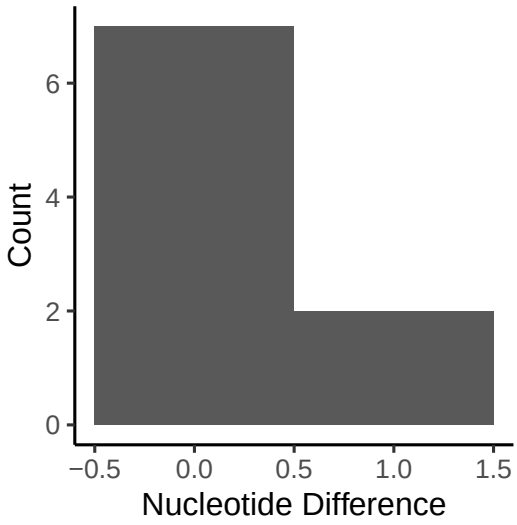
IGHV3−48*01

38 sequences assigned
19 (50%) exact matches, in which:
19 unique CDR3
5 unique J



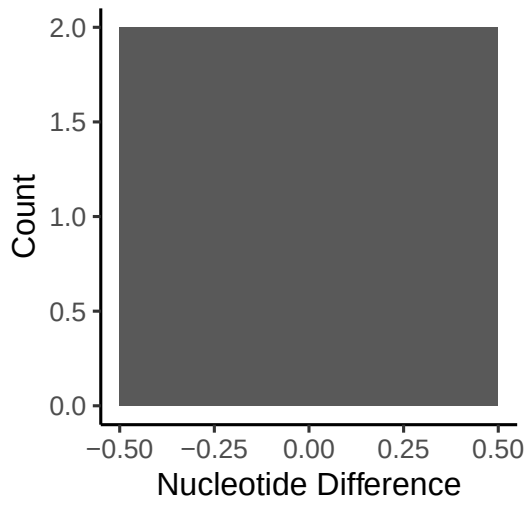
IGHV3−53*04

9 sequences assigned
7 (77.8%) exact matches, in which:
7 unique CDR3
4 unique J



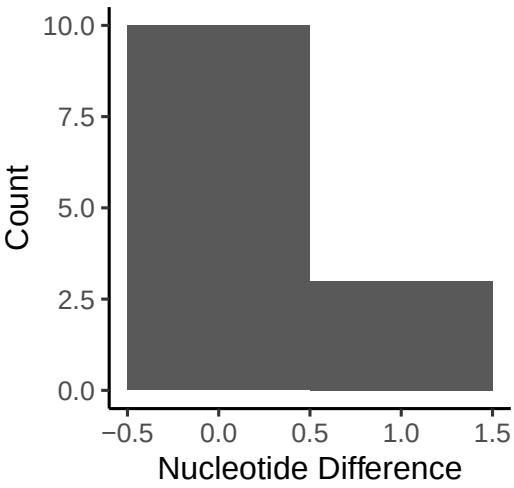
IGHV3−72*01

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



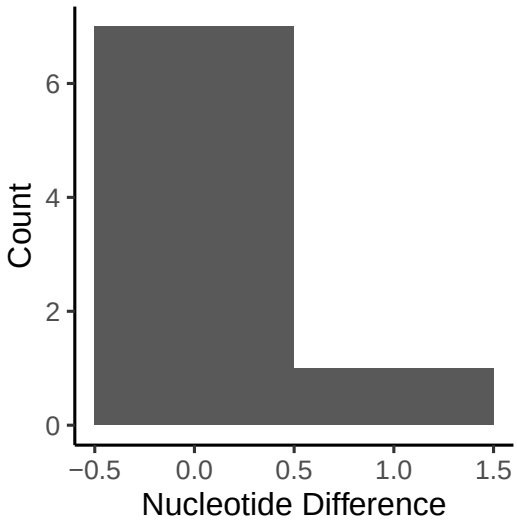
IGHV3−49*03

13 sequences assigned
10 (76.9%) exact matches, in which:
10 unique CDR3
4 unique J



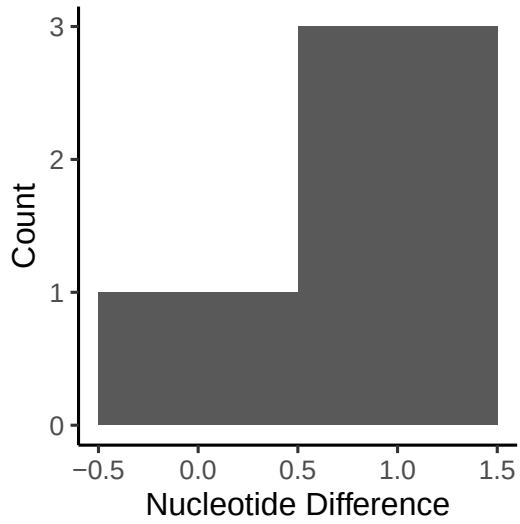
IGHV3−64*01

8 sequences assigned
7 (87.5%) exact matches, in which:
7 unique CDR3
4 unique J



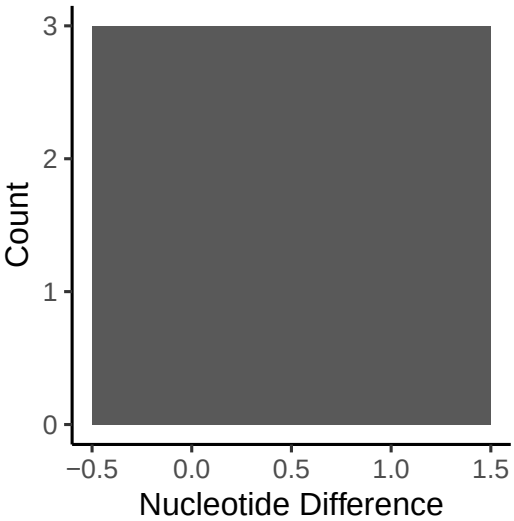
IGHV3−73*01

4 sequences assigned
1 (25%) exact matches, in which:
1 unique CDR3
1 unique J



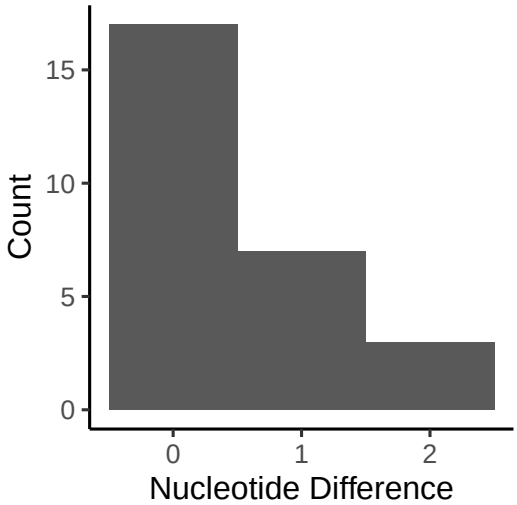
IGHV3−53*02

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



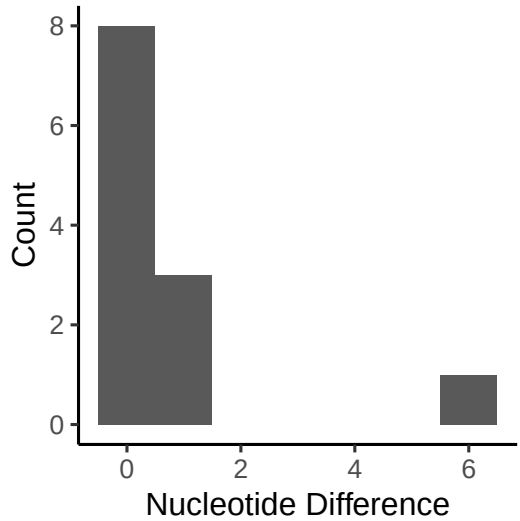
IGHV3−66*01

27 sequences assigned
17 (63%) exact matches, in which:
17 unique CDR3
6 unique J



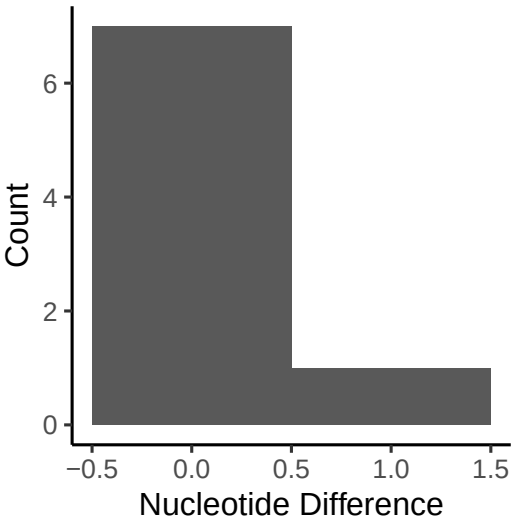
IGHV3−74*01

12 sequences assigned
8 (66.7%) exact matches, in which:
7 unique CDR3
3 unique J



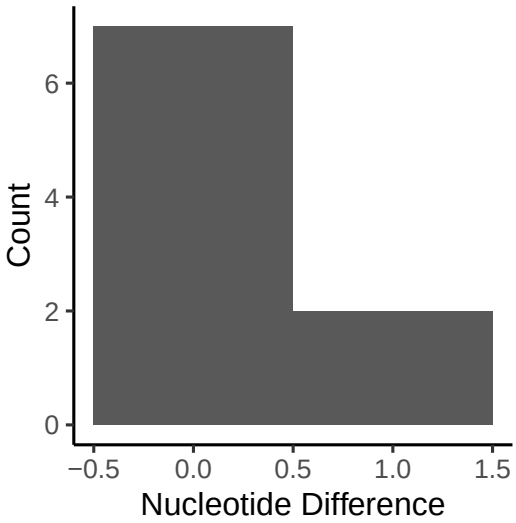
IGHV3−64D*06

8 sequences assigned
7 (87.5%) exact matches, in which:
7 unique CDR3
2 unique J



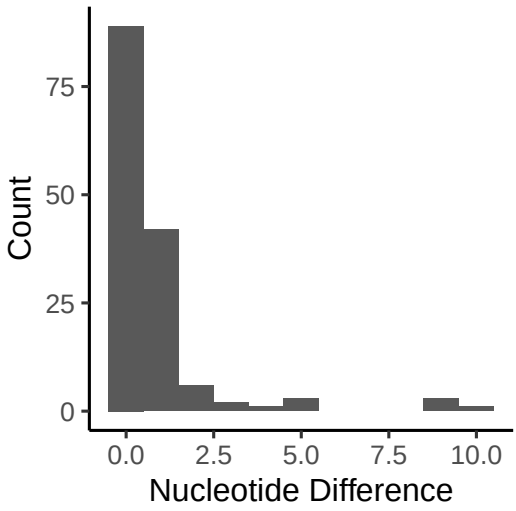
IGHV4−30−2*01

9 sequences assigned
7 (77.8%) exact matches, in which:
7 unique CDR3
5 unique J



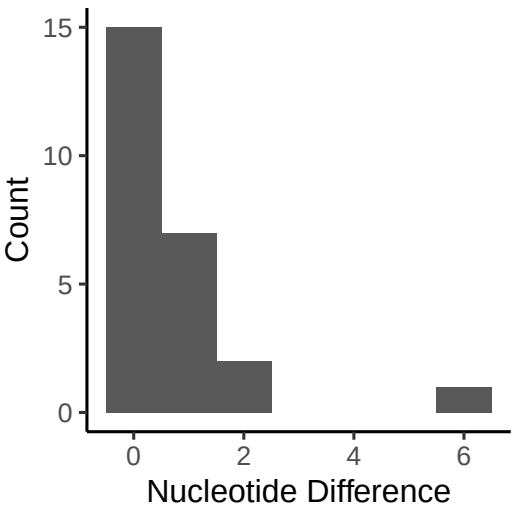
IGHV4−39*01

147 sequences assigned
89 (60.5%) exact matches, in which:
84 unique CDR3
7 unique J



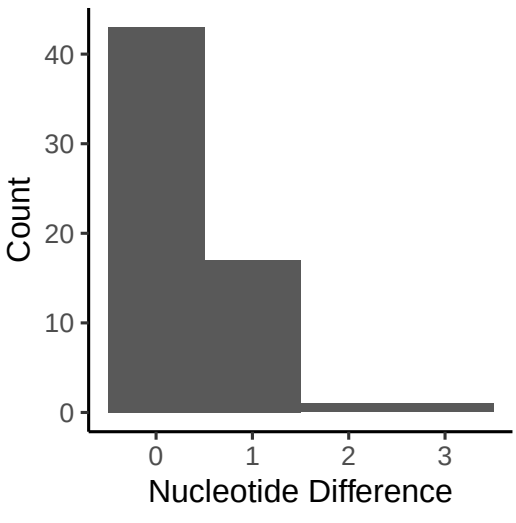
IGHV4−4*02

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



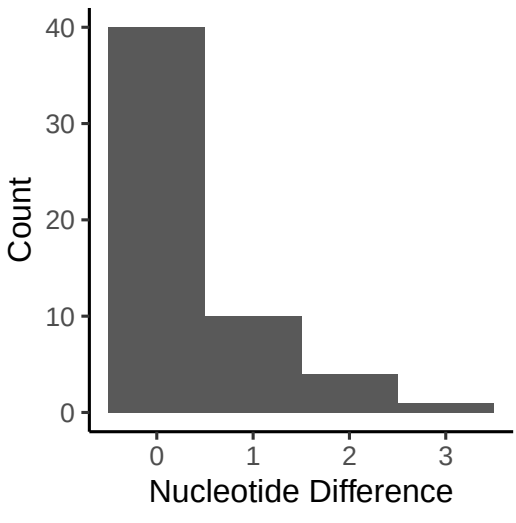
IGHV4−31*03

62 sequences assigned
43 (69.4%) exact matches, in which:
41 unique CDR3
7 unique J



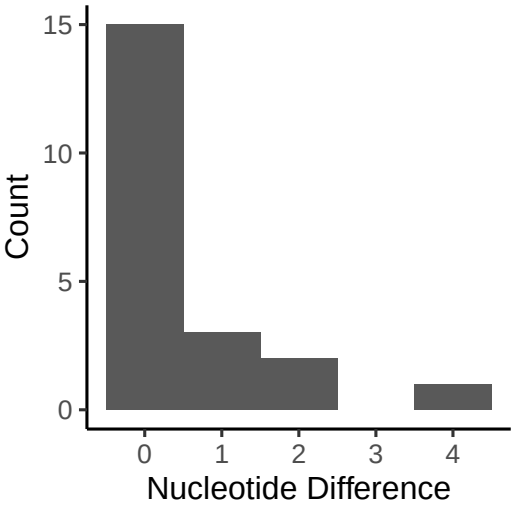
IGHV4−59*01

55 sequences assigned
40 (72.7%) exact matches, in which:
40 unique CDR3
6 unique J



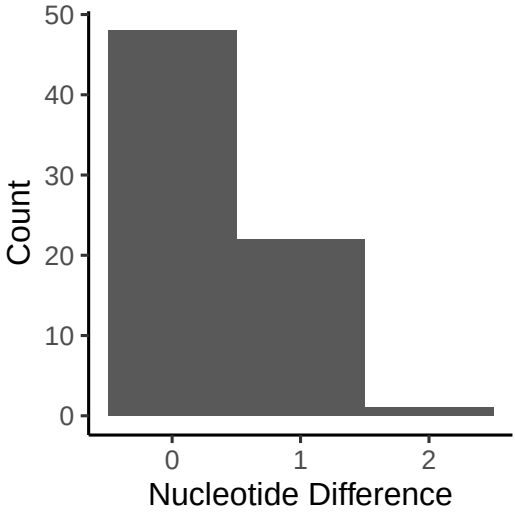
IGHV4−4*07

21 sequences assigned
15 (71.4%) exact matches, in which:
14 unique CDR3
5 unique J



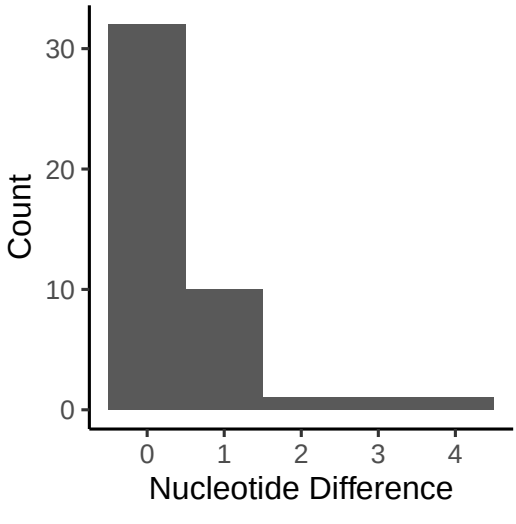
IGHV4−34*01

71 sequences assigned
48 (67.6%) exact matches, in which:
47 unique CDR3
7 unique J



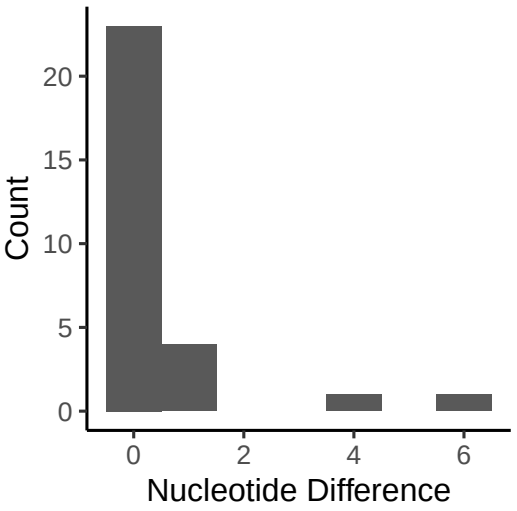
IGHV4−59*08

45 sequences assigned
32 (71.1%) exact matches, in which:
32 unique CDR3
6 unique J



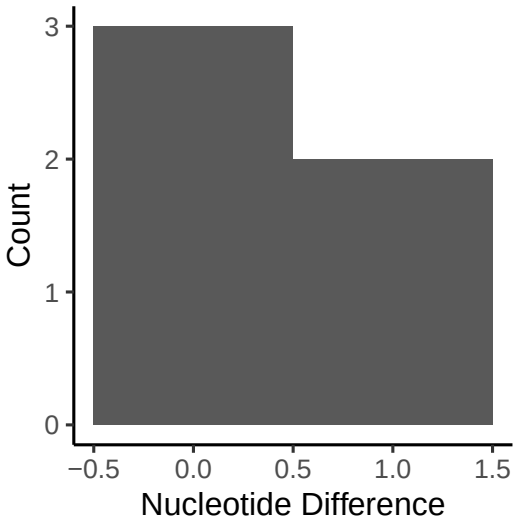
IGHV5−10−1*01

29 sequences assigned
23 (79.3%) exact matches, in which:
21 unique CDR3
5 unique J



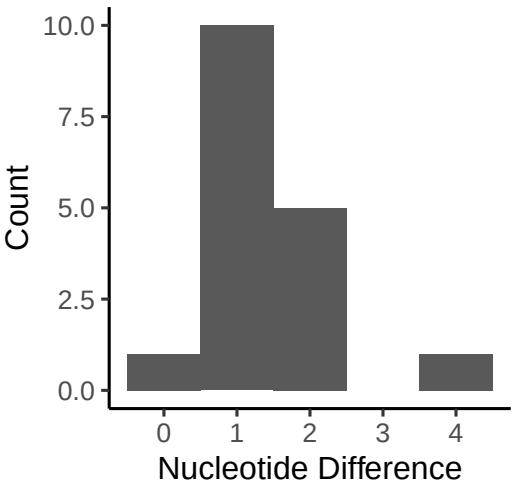
IGHV6−1*01

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



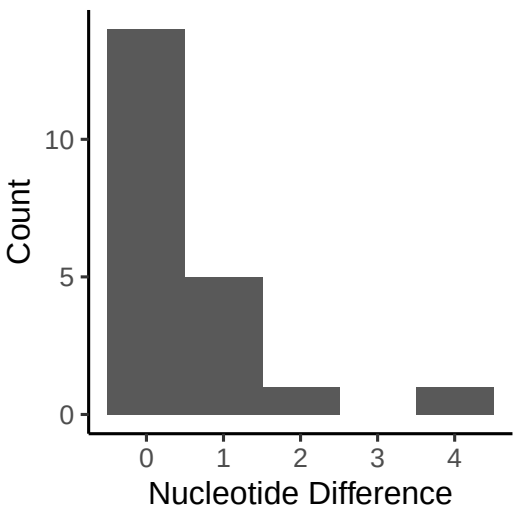
IGHV5−51*01

17 sequences assigned
1 (5.9%) exact matches, in which:
1 unique CDR3
1 unique J



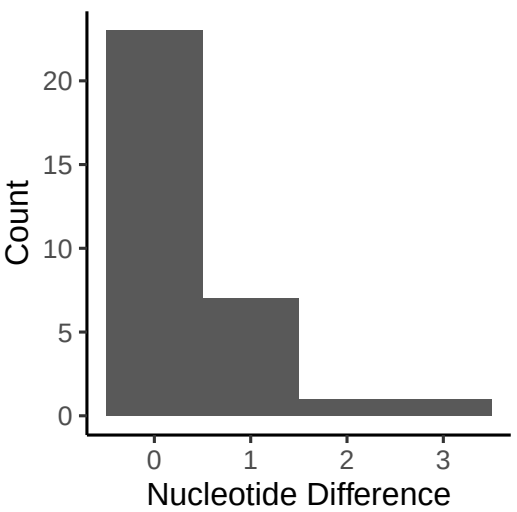
IGHV7−4−1*02

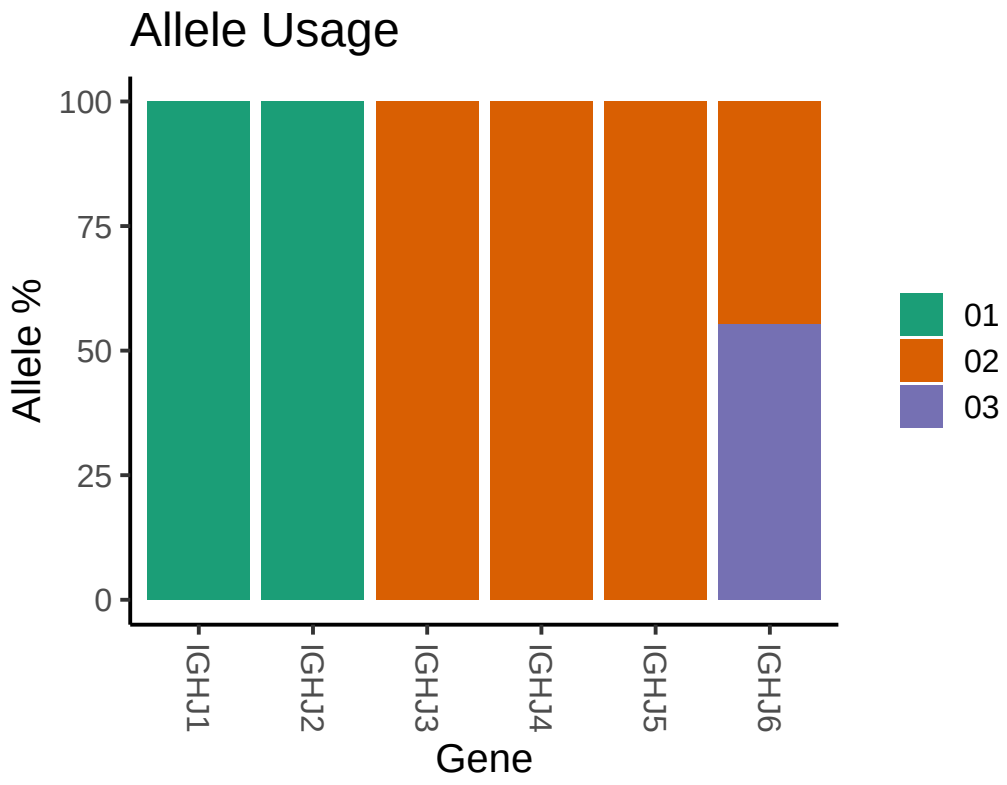
21 sequences assigned
14 (66.7%) exact matches, in which:
14 unique CDR3
6 unique J

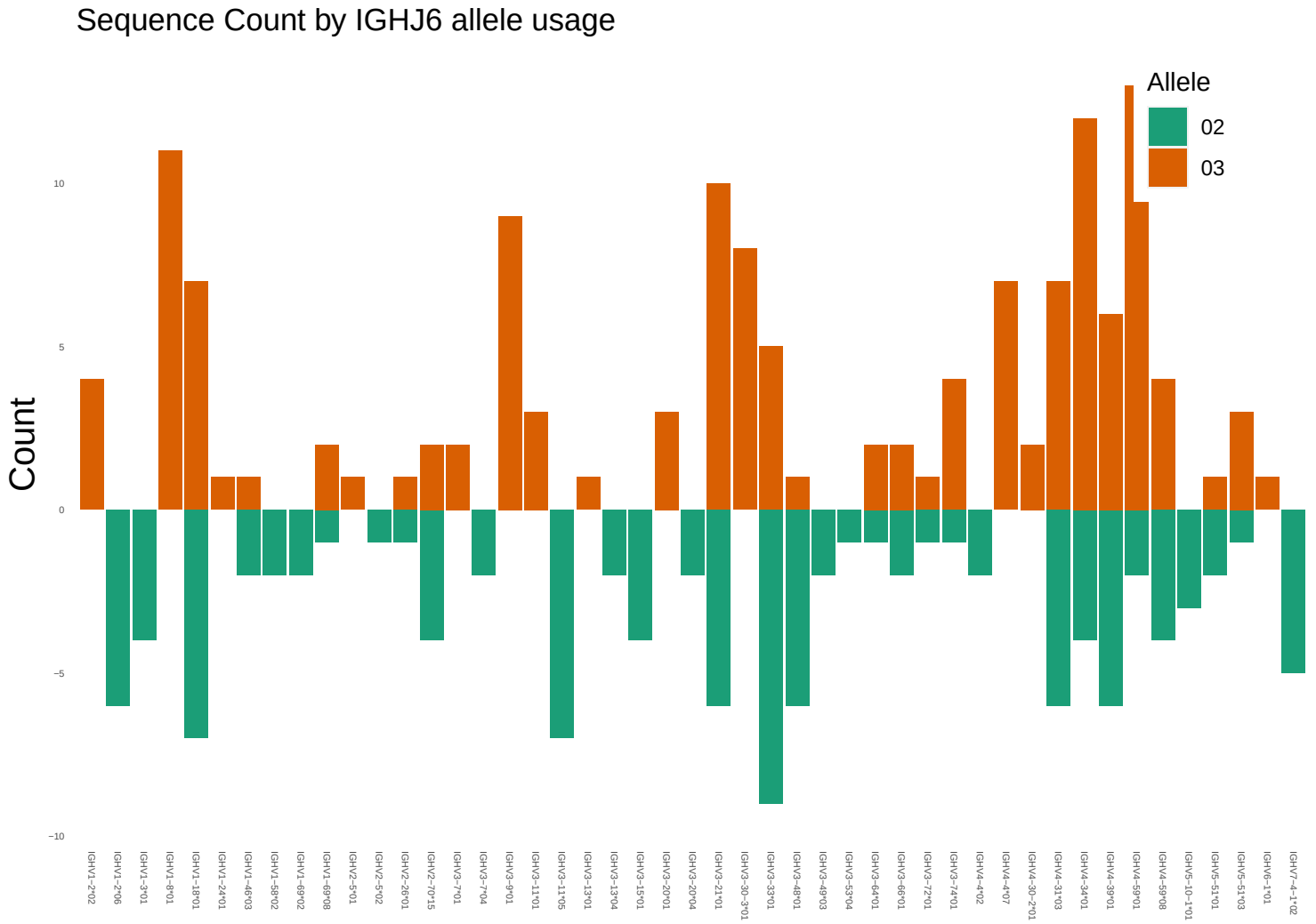


IGHV5−51*03

32 sequences assigned
23 (71.9%) exact matches, in which:
23 unique CDR3
5 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
10
5
0
−5
−10
IGHV1-2*02
IGHV1-2*06
IGHV1-3*01
IGHV1-8*01
IGHV1-18*01
IGHV1-24*01
IGHV1-46*03
IGHV1-58*02
IGHV1-69*02
IGHV1-69*06
IGHV2-5*01
IGHV2-5*02
IGHV2-26*01
IGHV2-70*15
IGHV3-7*01
IGHV3-7*04
IGHV3-9*01
IGHV3-11*01
IGHV3-11*05
IGHV3-13*01
IGHV3-13*04
IGHV3-15*01
IGHV3-20*01
IGHV3-20*04
IGHV3-21*01
IGHV3-30-3*01
IGHV3-33*01
IGHV3-48*01
IGHV3-49*03
IGHV3-53*04
IGHV3-64*01
IGHV3-66*01
IGHV3-72*01
IGHV3-74*01
IGHV4-4*02
IGHV4-4*07
IGHV4-30-2*01
IGHV4-31*03
IGHV4-34*01
IGHV4-39*01
IGHV4-59*01
IGHV4-59*08
IGHV5-10-1*01
IGHV5-51*01
IGHV5-51*03
IGHV6-1*01
IGHV7-4-1*02

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

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Warning − no inferred sequences found.