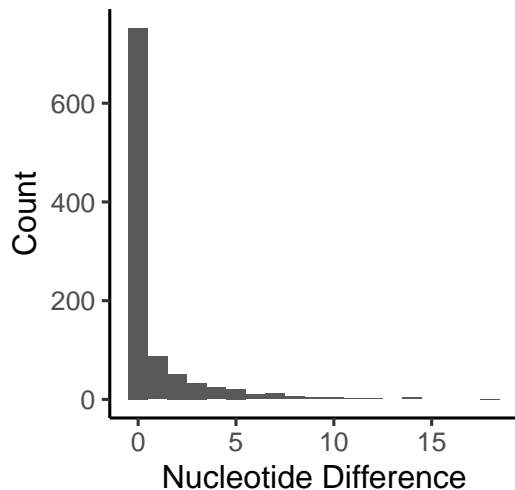


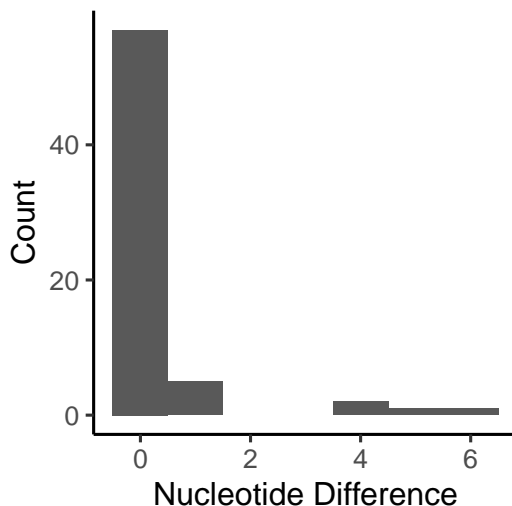
IGKV1-5*01

1014 sequences assigned
753 (74.3%) exact matches, in which:
593 unique CDR3
6 unique J



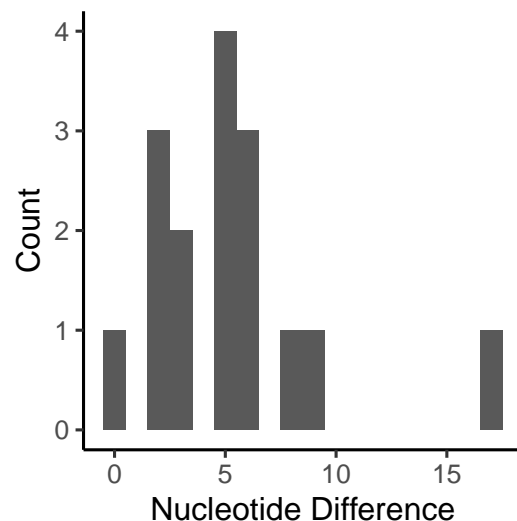
IGKV1-8*01

66 sequences assigned
57 (86.4%) exact matches, in which:
49 unique CDR3
5 unique J



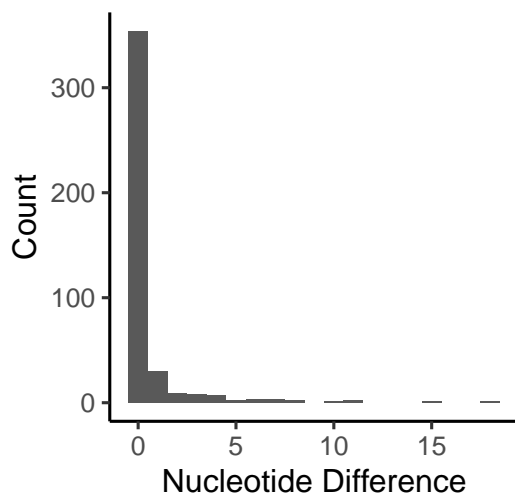
IGKV1-16*01

16 sequences assigned
1 (6.2%) exact matches, in which:
1 unique CDR3
1 unique J



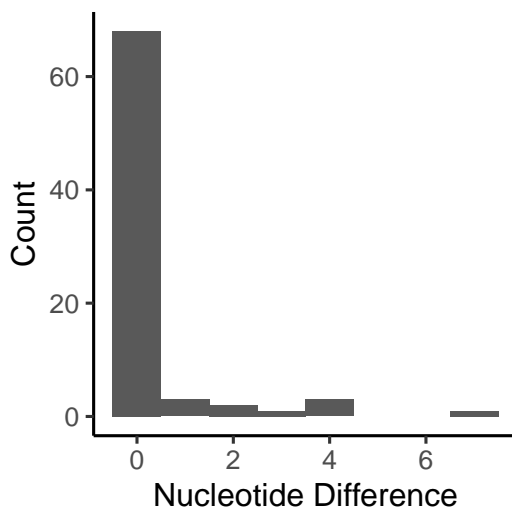
IGKV1-5*03_G171A

424 sequences assigned
354 (83.5%) exact matches, in which:
271 unique CDR3
6 unique J



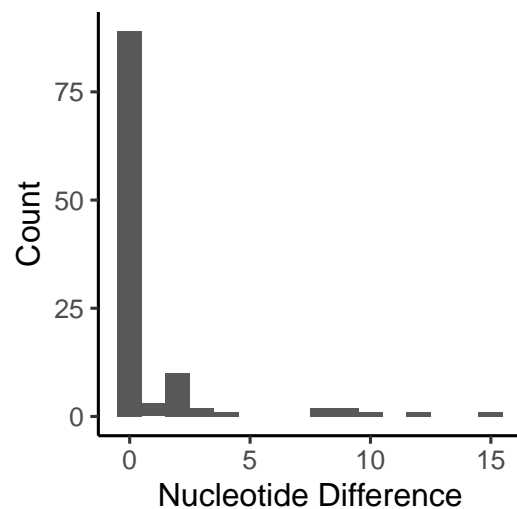
IGKV1-8*01_G12A_T31C

78 sequences assigned
68 (87.2%) exact matches, in which:
60 unique CDR3
6 unique J



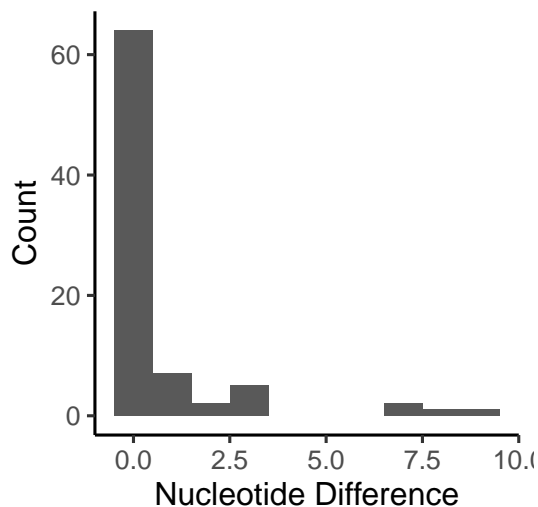
IGKV1-16*02

112 sequences assigned
89 (79.5%) exact matches, in which:
66 unique CDR3
6 unique J



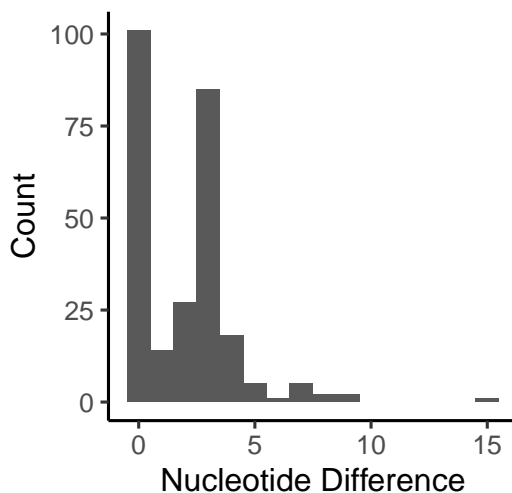
IGKV1-6*01

82 sequences assigned
64 (78%) exact matches, in which:
45 unique CDR3
6 unique J



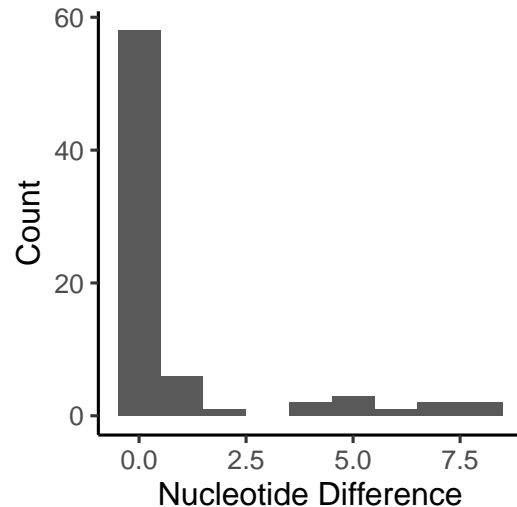
IGKV1-9*01

261 sequences assigned
101 (38.7%) exact matches, in which:
80 unique CDR3
5 unique J



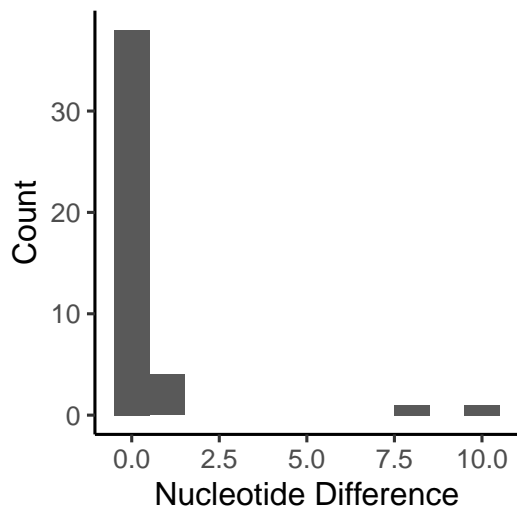
IGKV1-17*01

75 sequences assigned
58 (77.3%) exact matches, in which:
45 unique CDR3
4 unique J



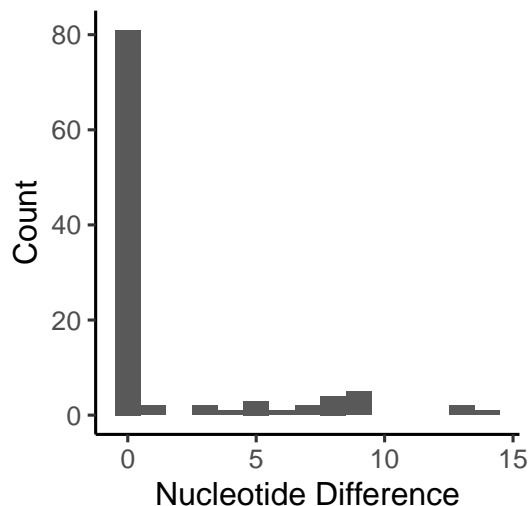
IGKV1-17*03

44 sequences assigned
38 (86.4%) exact matches, in which:
32 unique CDR3
5 unique J



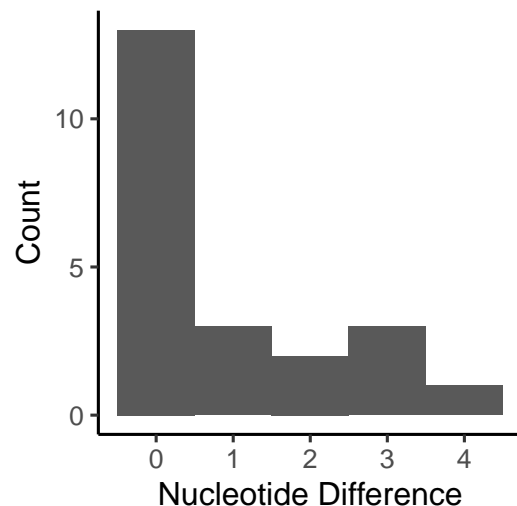
IGKV1-NL1*01

104 sequences assigned
81 (77.9%) exact matches, in which:
68 unique CDR3
6 unique J



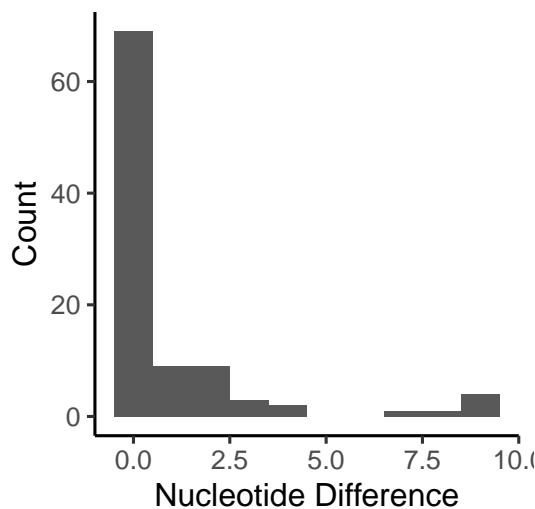
IGKV2-24*01

22 sequences assigned
13 (59.1%) exact matches, in which:
12 unique CDR3
4 unique J



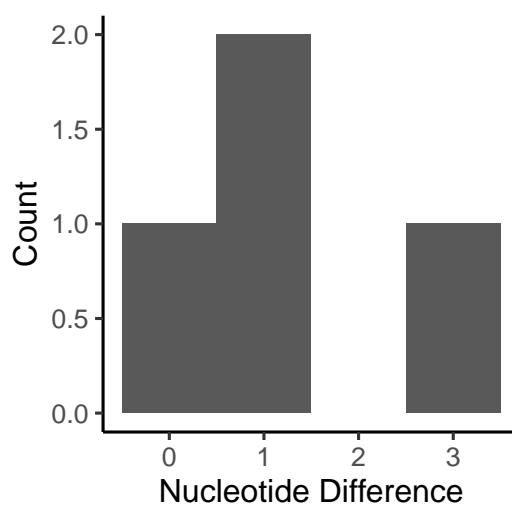
IGKV1-27*01

98 sequences assigned
69 (70.4%) exact matches, in which:
47 unique CDR3
5 unique J



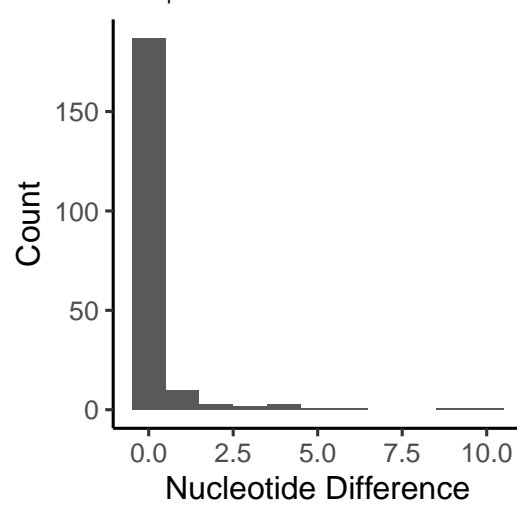
IGKV2/OR22-4*01

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



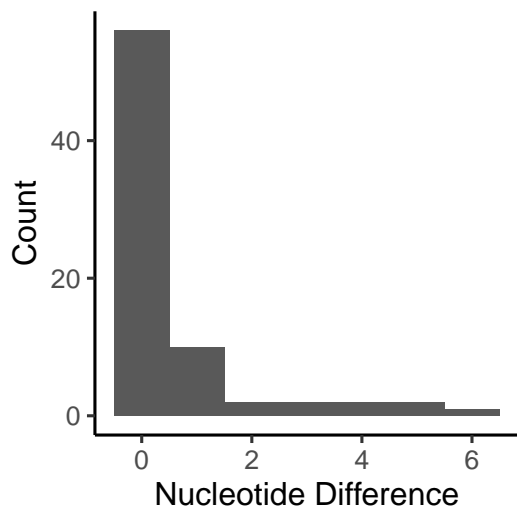
IGKV2-29*02

209 sequences assigned
187 (89.5%) exact matches, in which:
159 unique CDR3
6 unique J



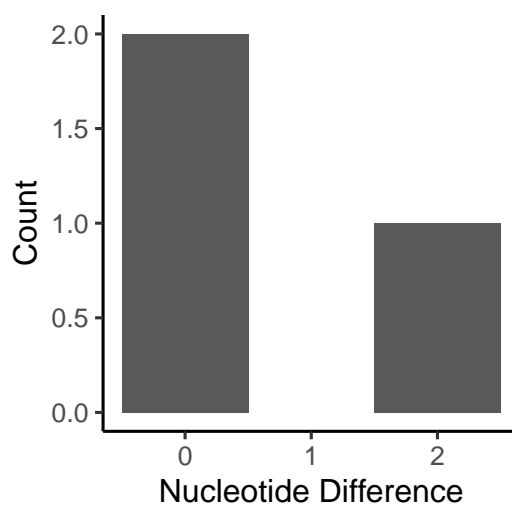
IGKV1-27*01_T231C

76 sequences assigned
56 (73.7%) exact matches, in which:
43 unique CDR3
5 unique J



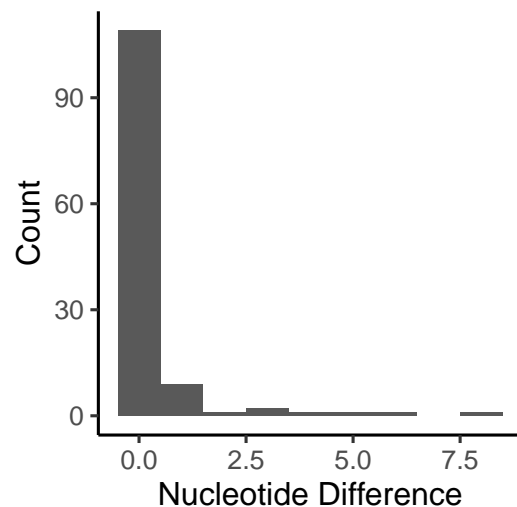
IGKV2-18*01

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



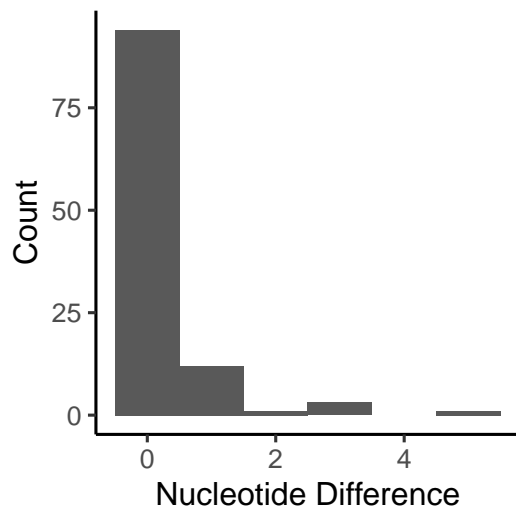
IGKV2-30*01

125 sequences assigned
109 (87.2%) exact matches, in which:
93 unique CDR3
6 unique J



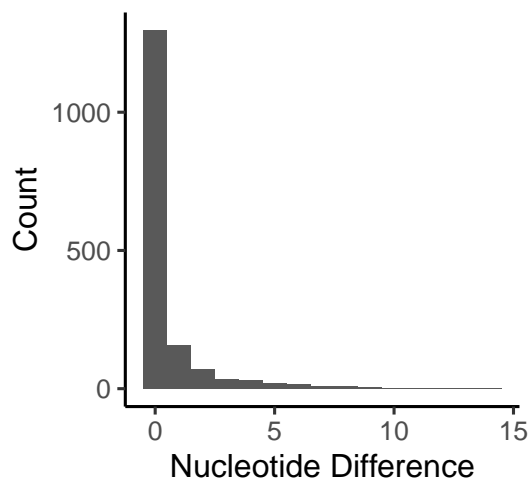
IGKV2-30*02

111 sequences assigned
94 (84.7%) exact matches, in which:
85 unique CDR3
6 unique J



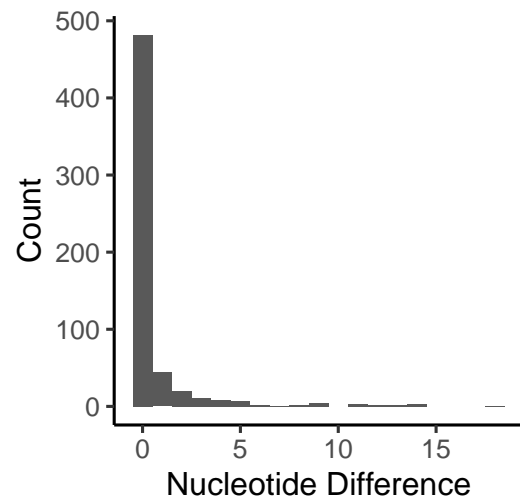
IGKV3-11*01

1653 sequences assigned
1296 (78.4%) exact matches, in which:
893 unique CDR3
6 unique J



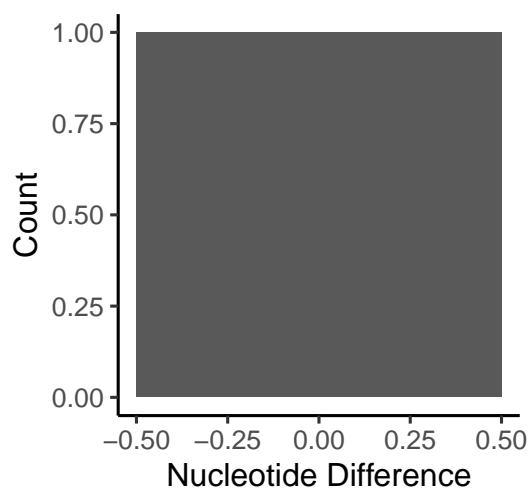
IGKV4-1*01

595 sequences assigned
482 (81%) exact matches, in which:
327 unique CDR3
6 unique J



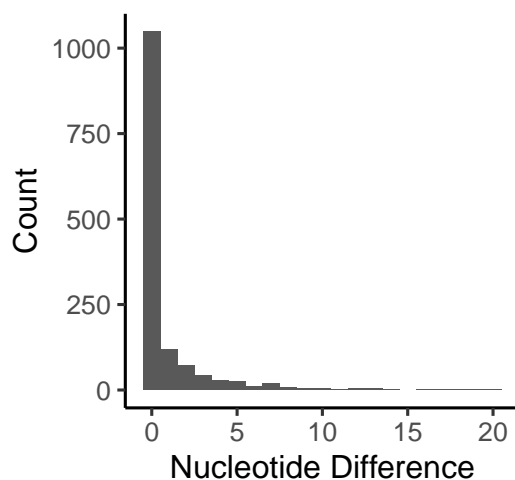
IGKV3/OR2-268*01

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



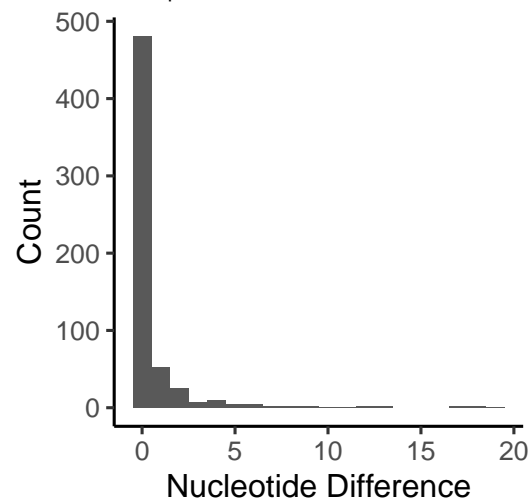
IGKV3-15*01

1397 sequences assigned
1048 (75%) exact matches, in which:
774 unique CDR3
6 unique J



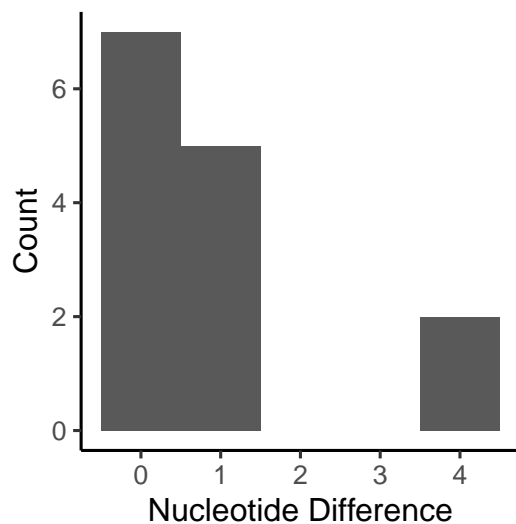
IGKV4-1*01_A318G

603 sequences assigned
481 (79.8%) exact matches, in which:
327 unique CDR3
6 unique J



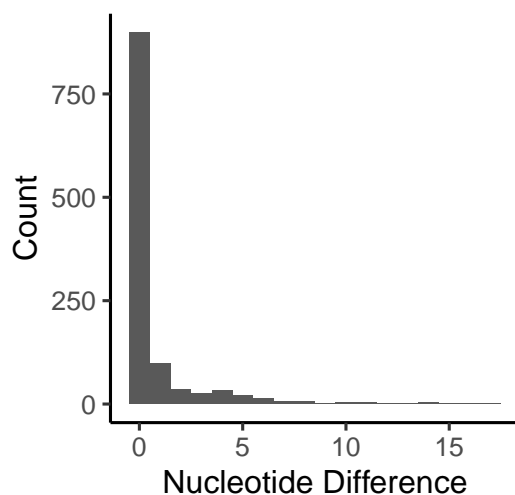
IGKV3-7*04

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



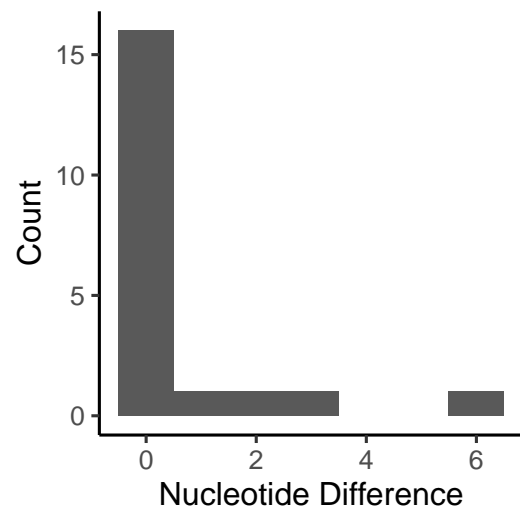
IGKV3-20*01

1160 sequences assigned
899 (77.5%) exact matches, in which:
653 unique CDR3
6 unique J



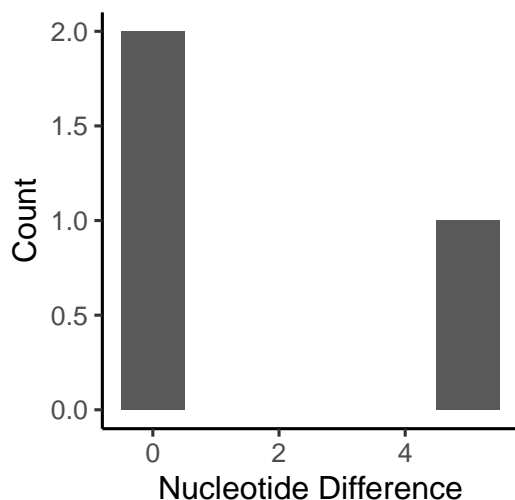
IGKV5-2*01_C214T

20 sequences assigned
16 (80%) exact matches, in which:
16 unique CDR3
4 unique J



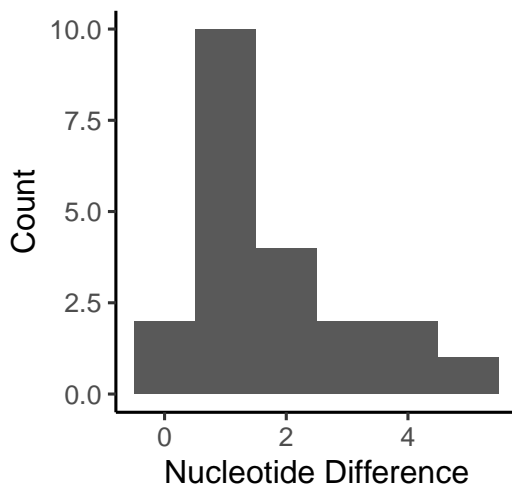
IGKV3D-7*01

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



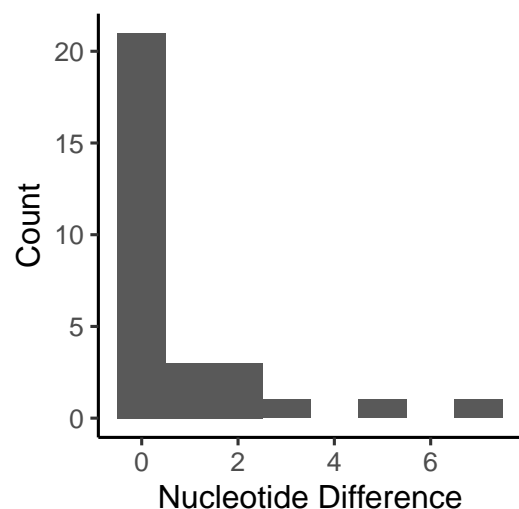
IGKV3D-11*02_T6A_T10

21 sequences assigned
2 (9.5%) exact matches, in which:
2 unique CDR3
2 unique J



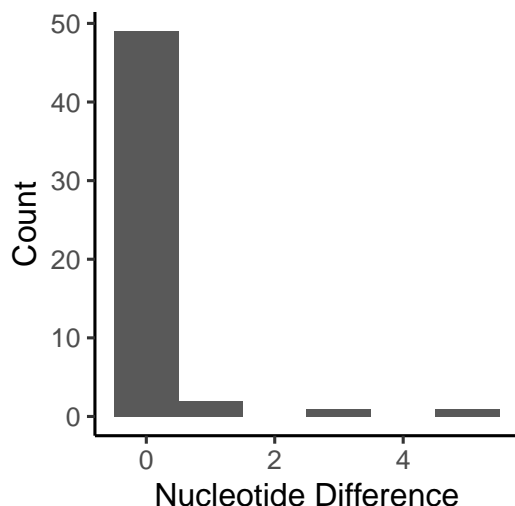
IGKV3D-20*01

30 sequences assigned
21 (70%) exact matches, in which:
21 unique CDR3
6 unique J



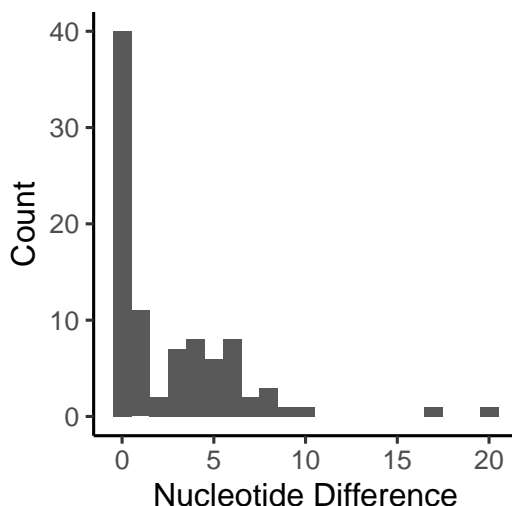
IGKV1D-8*01

53 sequences assigned
49 (92.5%) exact matches, in which:
34 unique CDR3
6 unique J



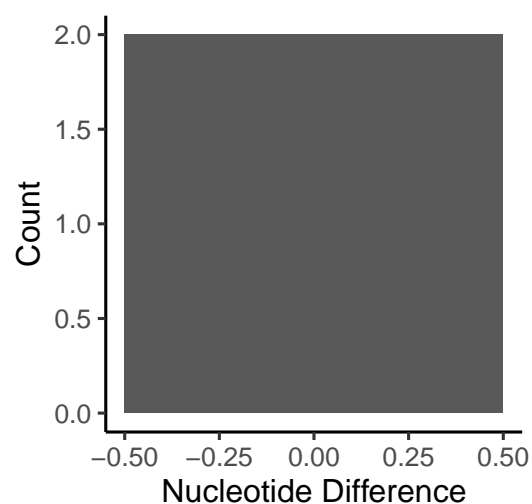
IGKV3D-15*01

91 sequences assigned
40 (44%) exact matches, in which:
36 unique CDR3
6 unique J



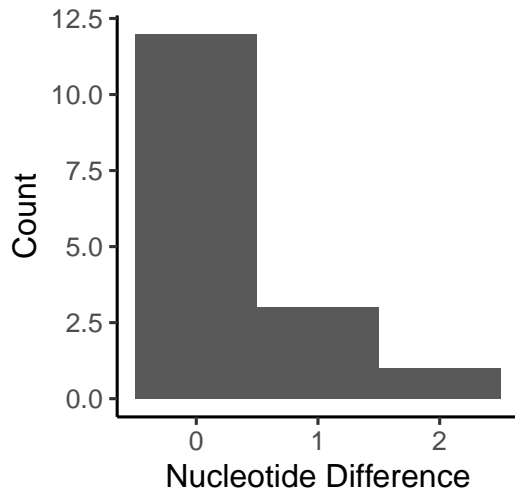
IGKV2D-24*01

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



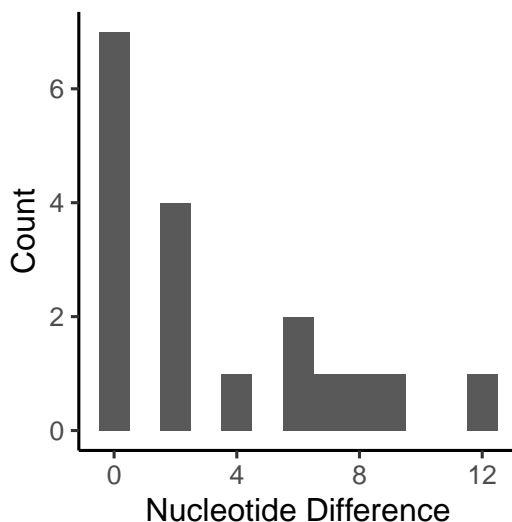
IGKV3D-11*02

16 sequences assigned
12 (75%) exact matches, in which:
11 unique CDR3
5 unique J



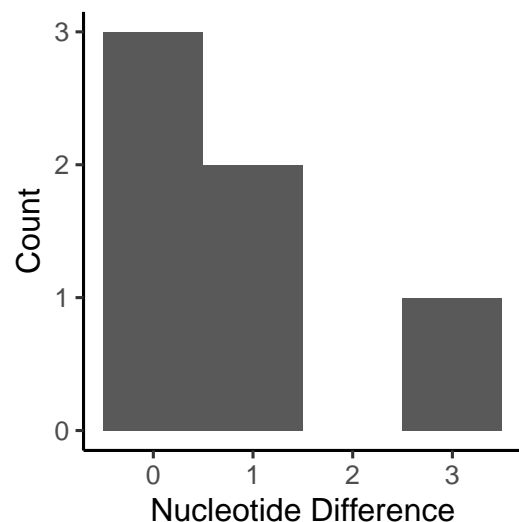
IGKV1D-16*01

18 sequences assigned
7 (38.9%) exact matches, in which:
7 unique CDR3
3 unique J



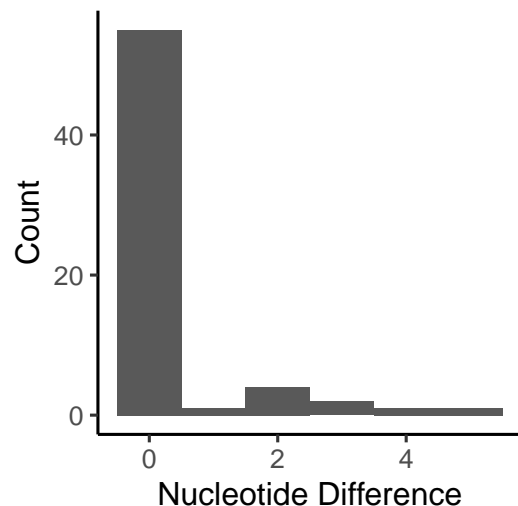
IGKV2D-26*03

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



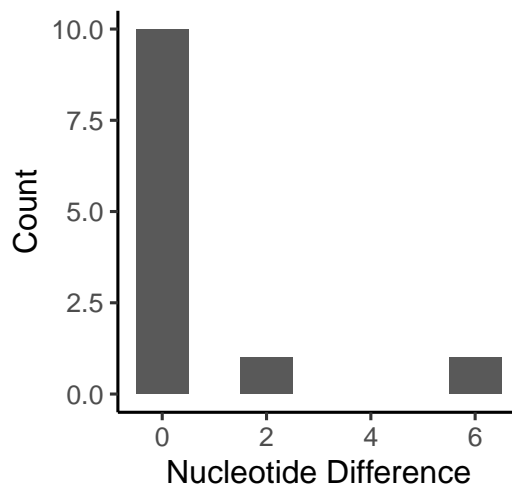
IGKV2D-29*01

64 sequences assigned
55 (85.9%) exact matches, in which:
48 unique CDR3
5 unique J



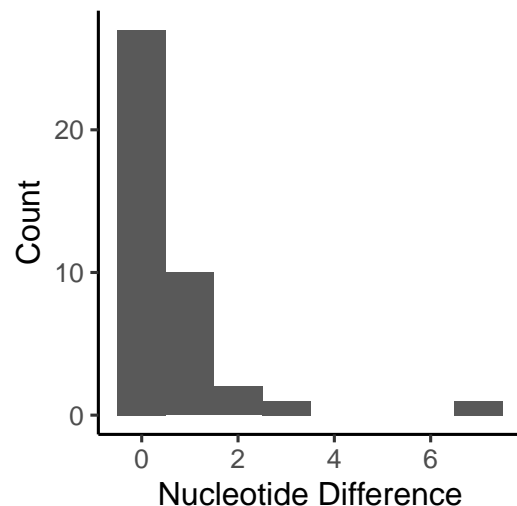
IGKV2D-30*01

12 sequences assigned
10 (83.3%) exact matches, in which:
10 unique CDR3
4 unique J



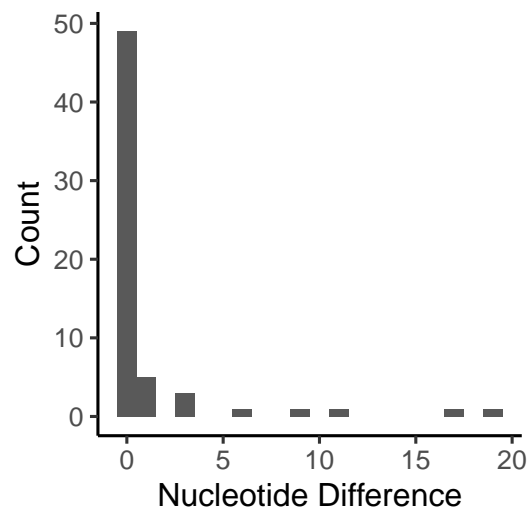
IGKV1E-12*03

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



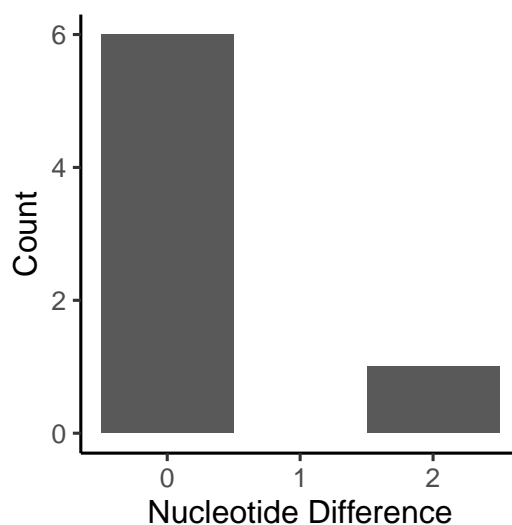
IGKV2D-29*02

71 sequences assigned
49 (69%) exact matches, in which:
44 unique CDR3
6 unique J



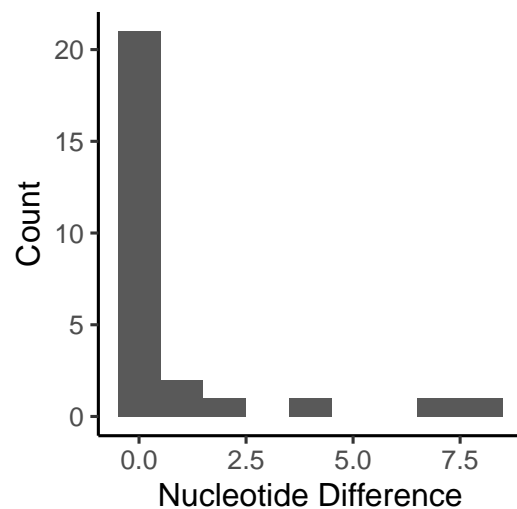
IGKV1D-43*01

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



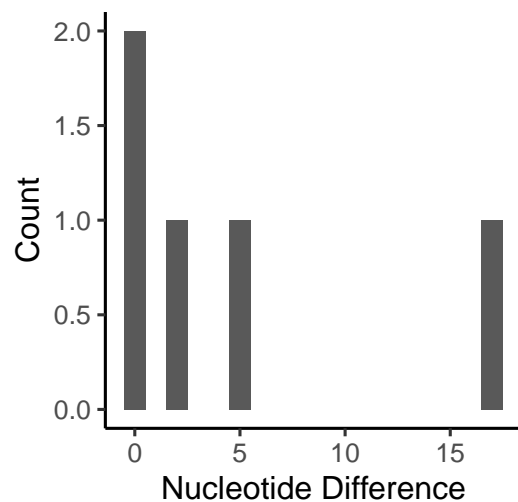
IGKV1E-13*02

27 sequences assigned
21 (77.8%) exact matches, in which:
20 unique CDR3
4 unique J



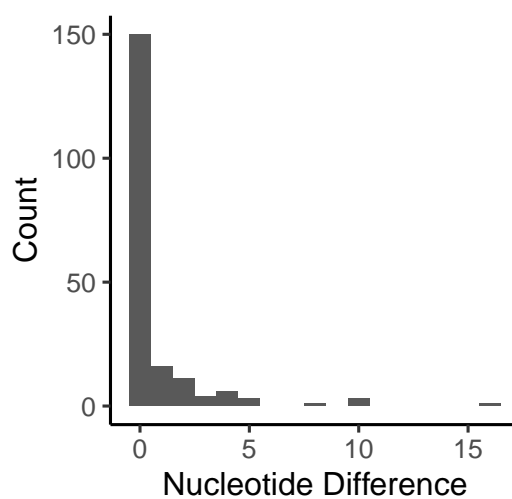
IGKV2D-29*02_A319G

13 sequences assigned
2 (15.4%) exact matches, in which:
2 unique CDR3
2 unique J



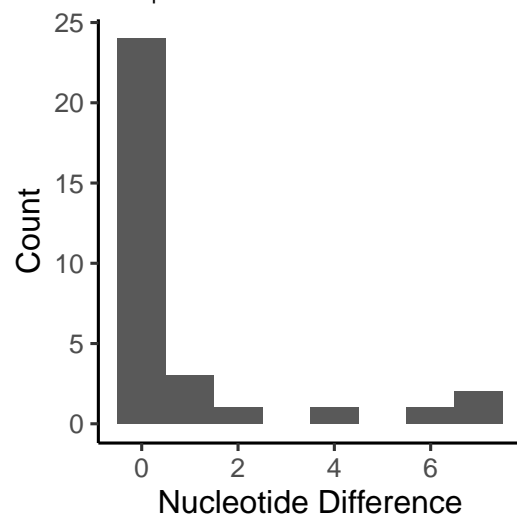
IGKV1E-12*01

197 sequences assigned
150 (76.1%) exact matches, in which:
96 unique CDR3
6 unique J



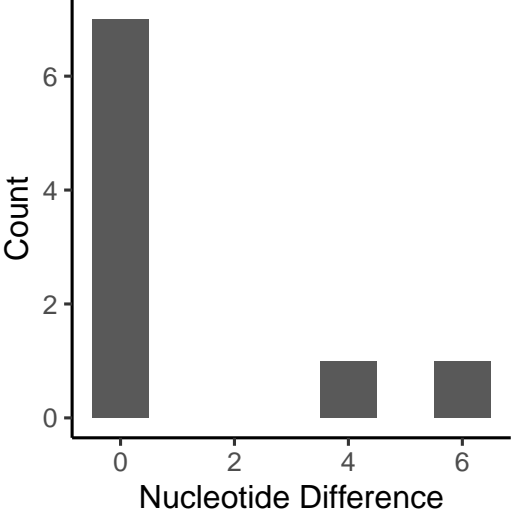
IGKV1E-13*03

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



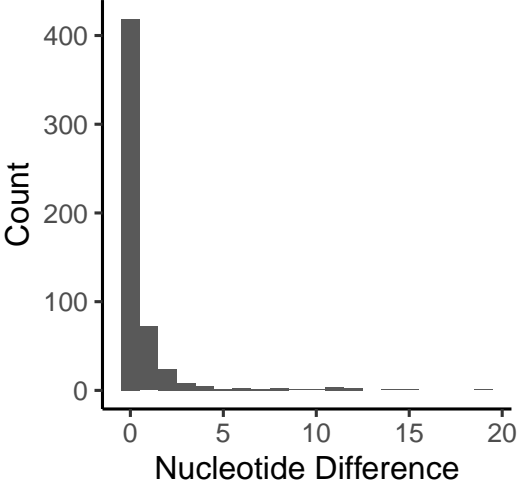
IGKV6E-21*01

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



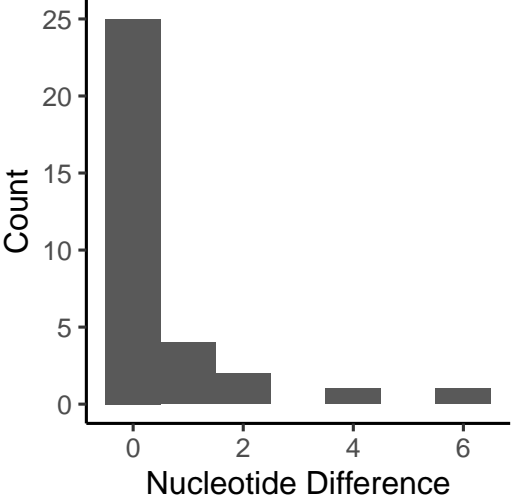
IGKV2E-28*01

554 sequences assigned
419 (75.6%) exact matches, in which:
313 unique CDR3
6 unique J



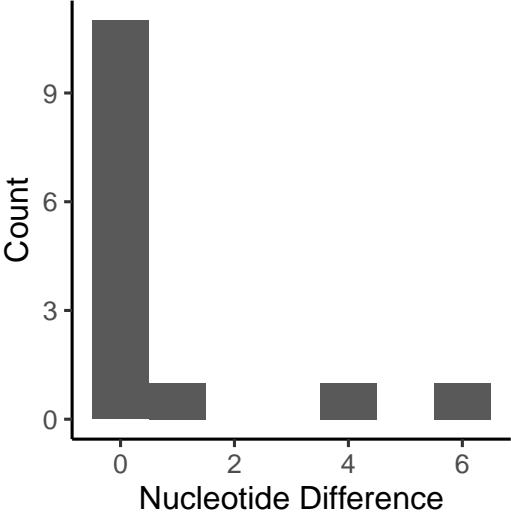
IGKV1E-37*01

33 sequences assigned
25 (75.8%) exact matches, in which:
23 unique CDR3
6 unique J



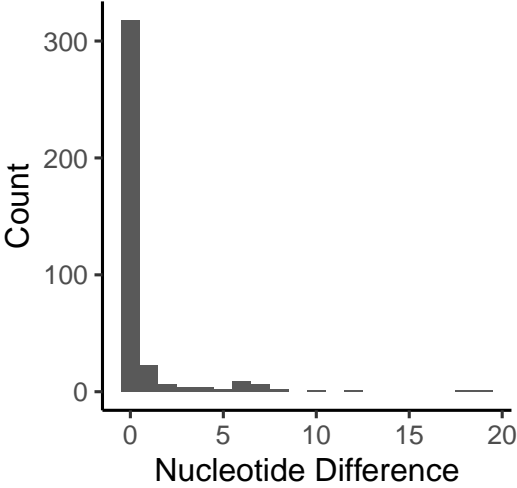
IGKV6E-21*02

14 sequences assigned
11 (78.6%) exact matches, in which:
10 unique CDR3
5 unique J



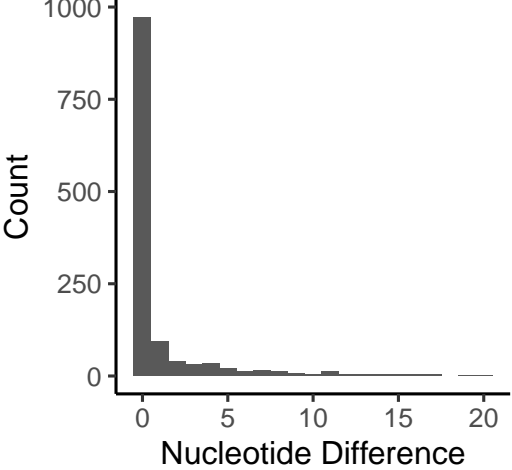
IGKV2E-28*01_C142A

378 sequences assigned
318 (84.1%) exact matches, in which:
241 unique CDR3
6 unique J



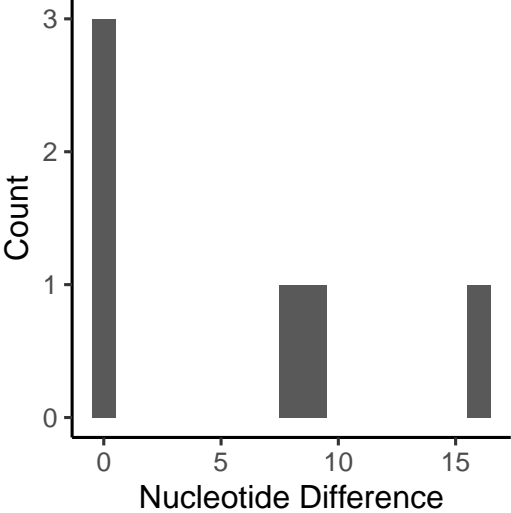
IGKV1E-39*01

1286 sequences assigned
971 (75.5%) exact matches, in which:
608 unique CDR3
6 unique J



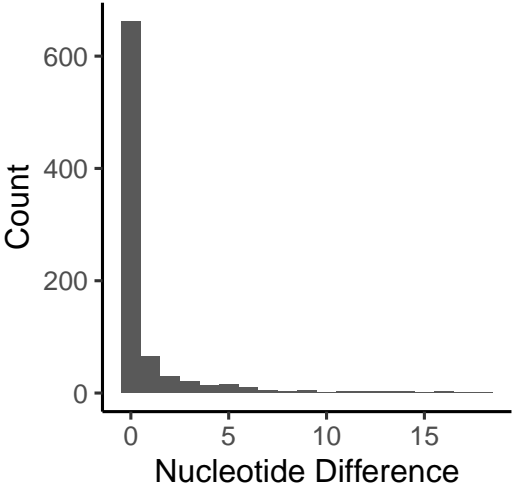
IGKV6E-21*03

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



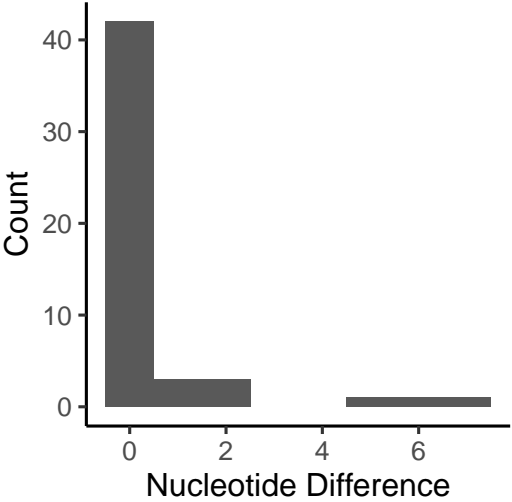
IGKV1E-33*01

844 sequences assigned
662 (78.4%) exact matches, in which:
415 unique CDR3
6 unique J

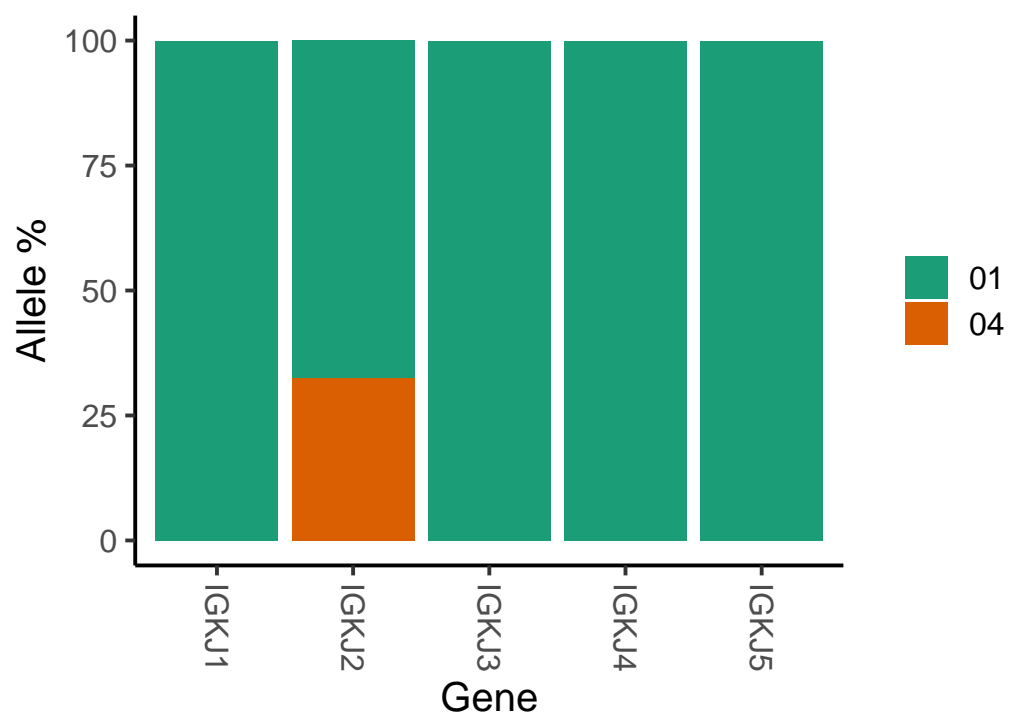


IGKV2E-40*01

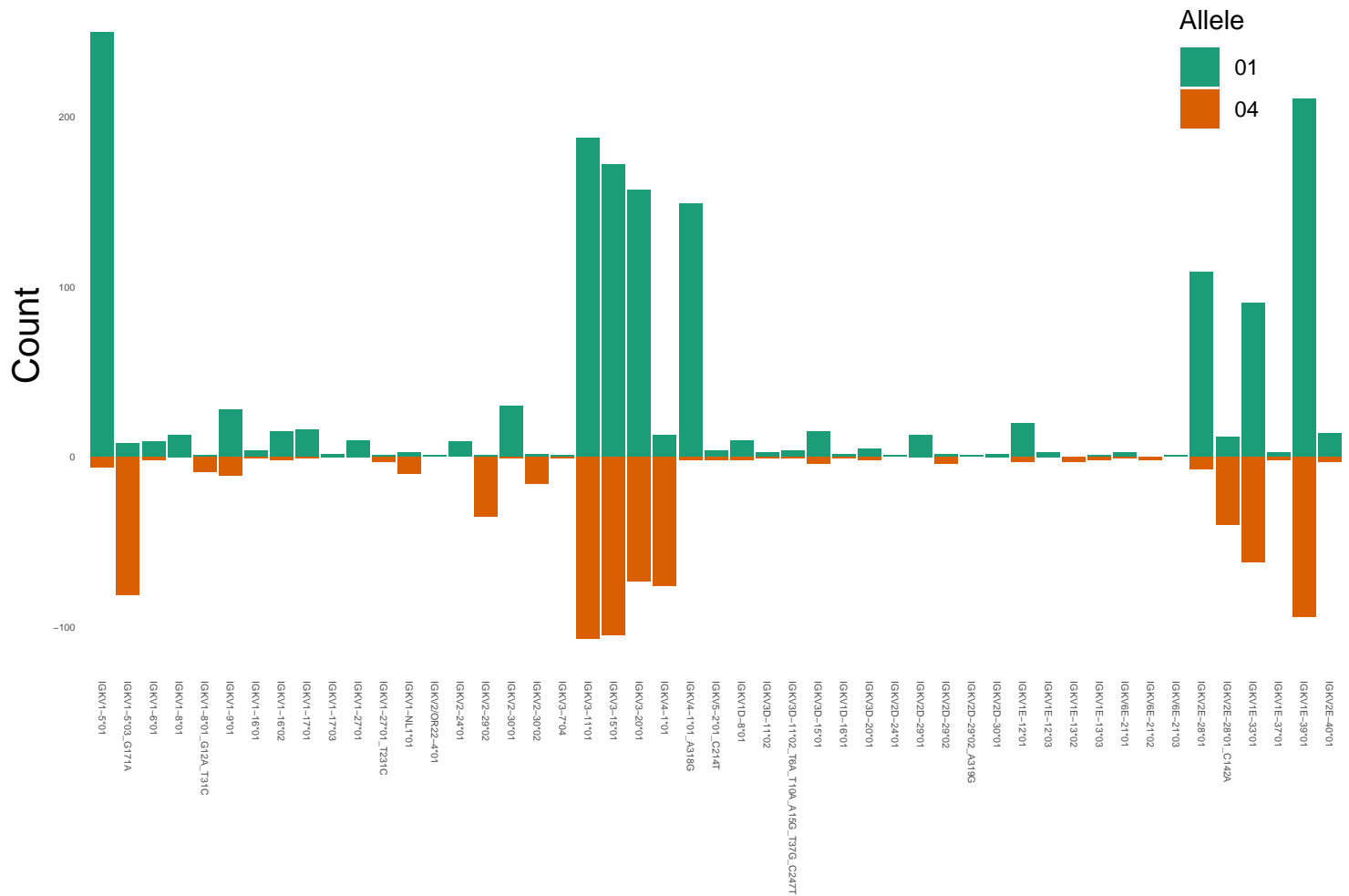
51 sequences assigned
42 (82.4%) exact matches, in which:
30 unique CDR3
6 unique J



Allele Usage



Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.