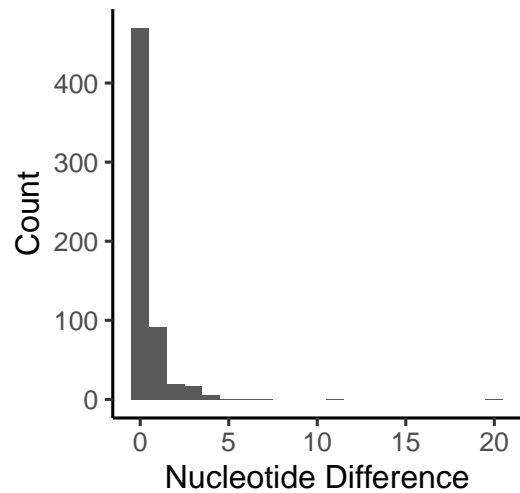


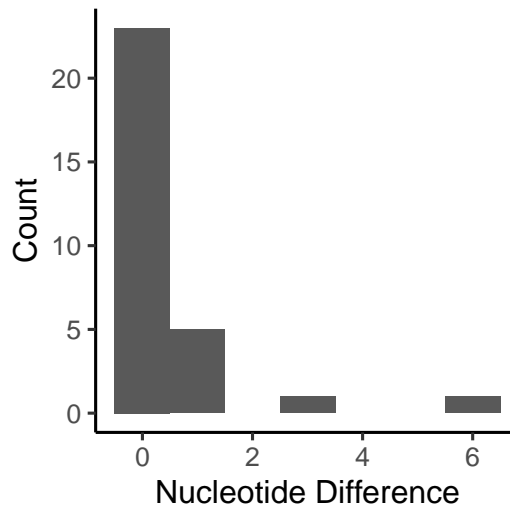
IGKV1-5*01

610 sequences assigned
470 (77%) exact matches, in which:
396 unique CDR3
5 unique J



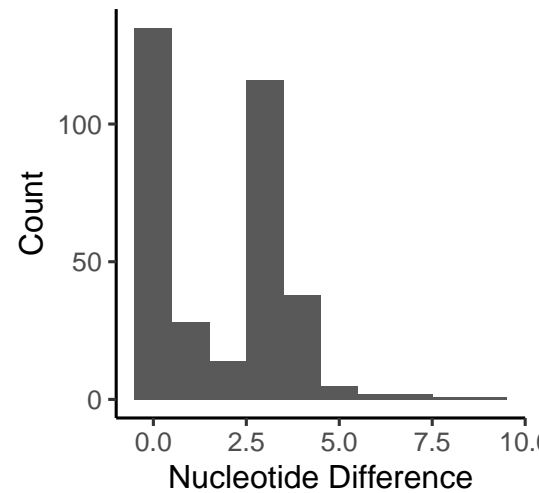
IGKV1-6*01_G9A

30 sequences assigned
23 (76.7%) exact matches, in which:
21 unique CDR3
4 unique J



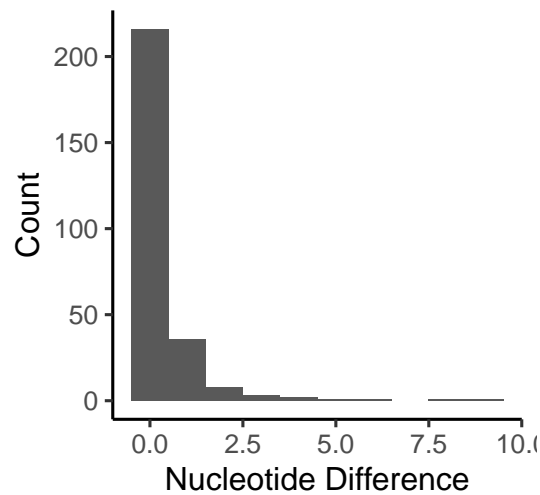
IGKV1-9*01

342 sequences assigned
135 (39.5%) exact matches, in which:
117 unique CDR3
5 unique J



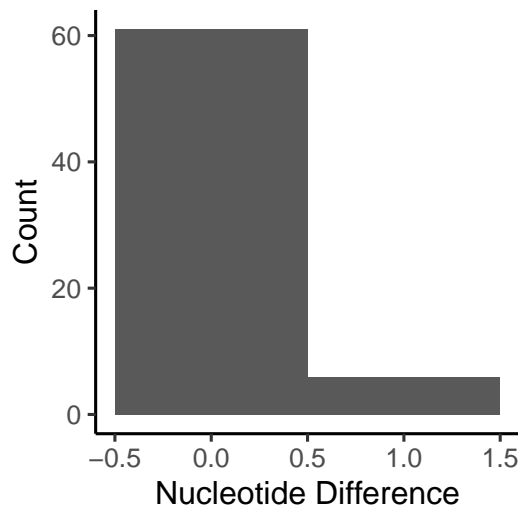
IGKV1-5*03

269 sequences assigned
216 (80.3%) exact matches, in which:
198 unique CDR3
5 unique J



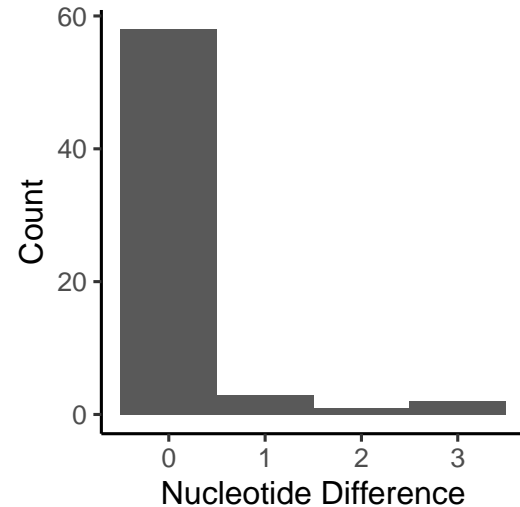
IGKV1-8*01

67 sequences assigned
61 (91%) exact matches, in which:
56 unique CDR3
5 unique J



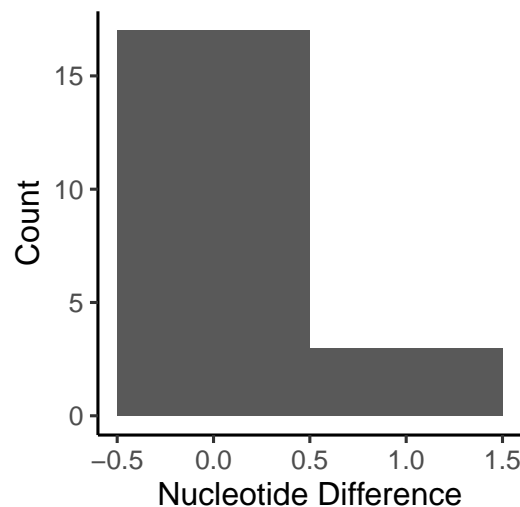
IGKV1-16*02

64 sequences assigned
58 (90.6%) exact matches, in which:
47 unique CDR3
5 unique J



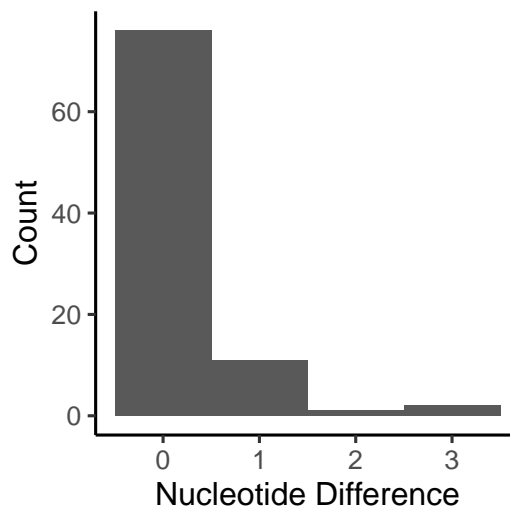
IGKV1-6*01

20 sequences assigned
17 (85%) exact matches, in which:
17 unique CDR3
5 unique J



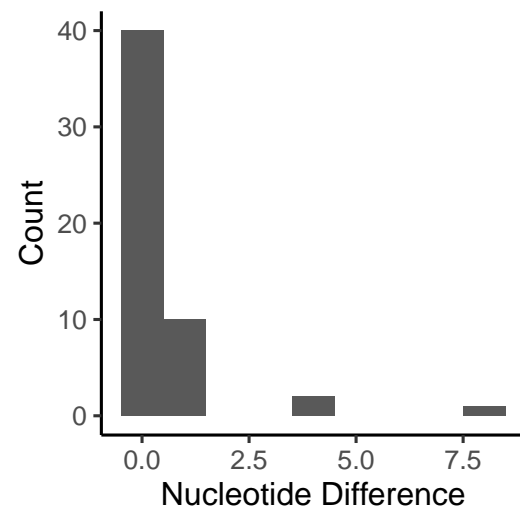
IGKV1-8*01_T31C

90 sequences assigned
76 (84.4%) exact matches, in which:
71 unique CDR3
5 unique J



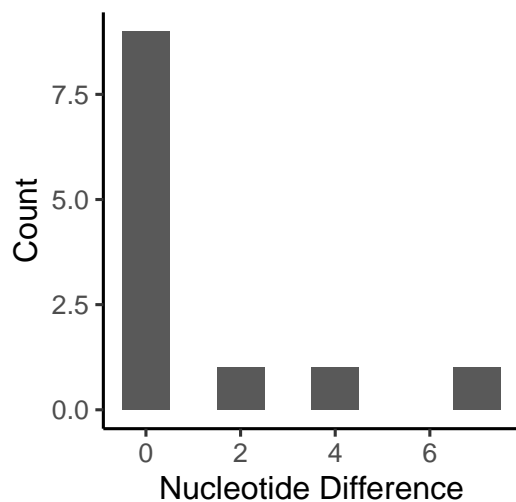
IGKV1-17*01

53 sequences assigned
40 (75.5%) exact matches, in which:
40 unique CDR3
5 unique J



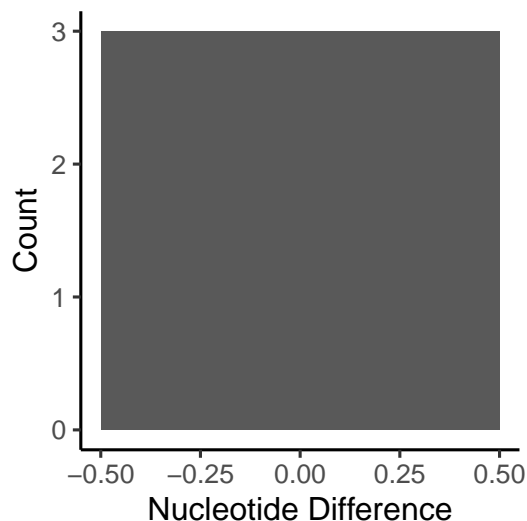
IGKV1-17*03

12 sequences assigned
9 (75%) exact matches, in which:
9 unique CDR3
4 unique J



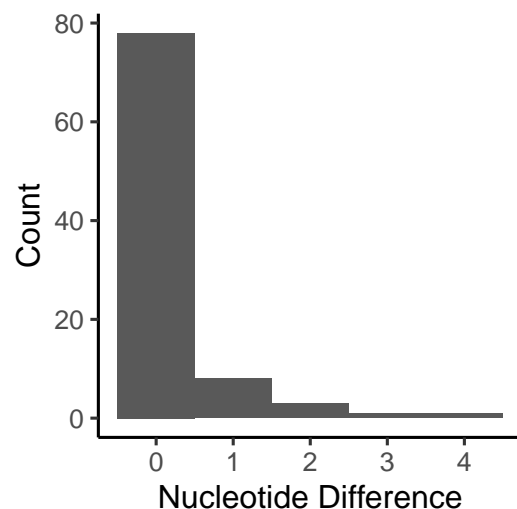
IGKV2/OR22-4*01

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



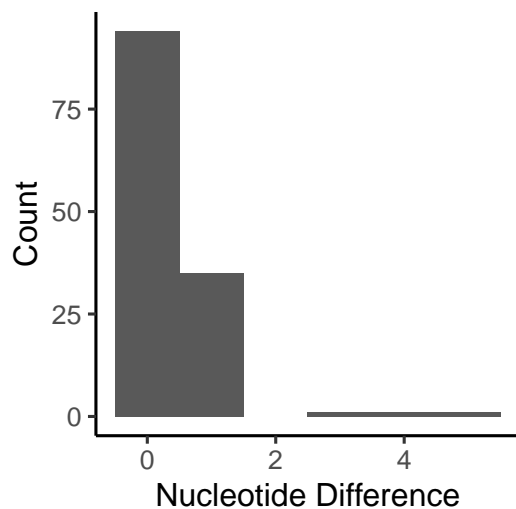
IGKV2-30*01

91 sequences assigned
78 (85.7%) exact matches, in which:
72 unique CDR3
5 unique J



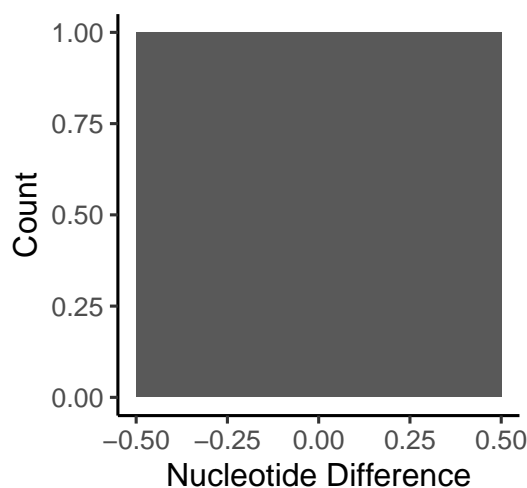
IGKV1-27*01

132 sequences assigned
94 (71.2%) exact matches, in which:
80 unique CDR3
5 unique J



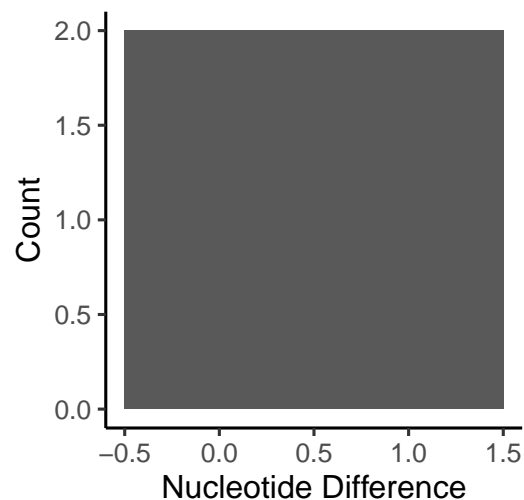
IGKV2-18*01

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



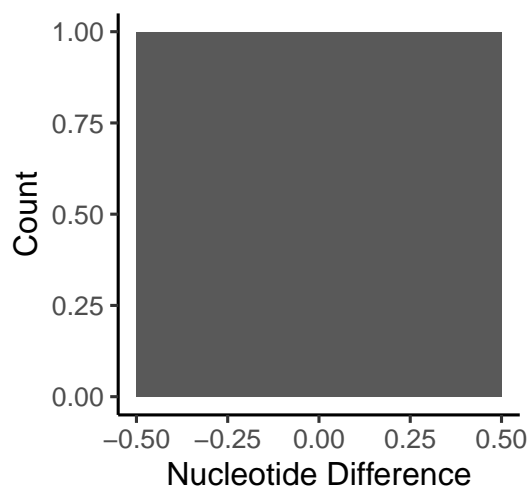
IGKV3-7*04

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



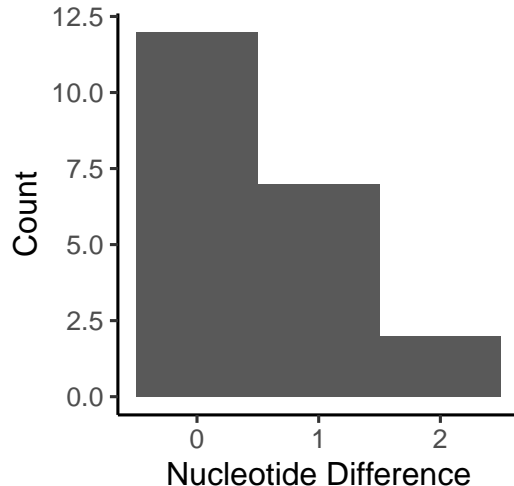
IGKV1/OR2-1*01

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



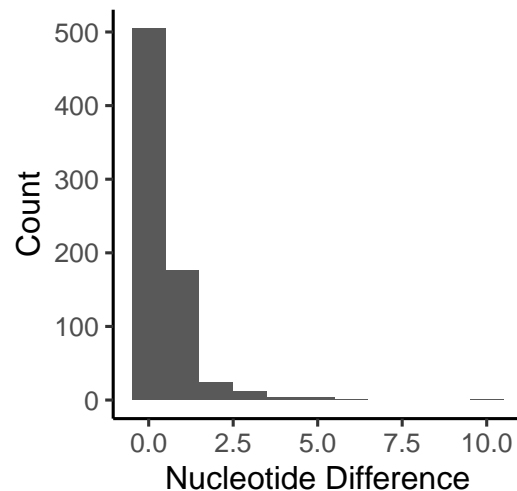
IGKV2-24*01

21 sequences assigned
12 (57.1%) exact matches, in which:
11 unique CDR3
4 unique J



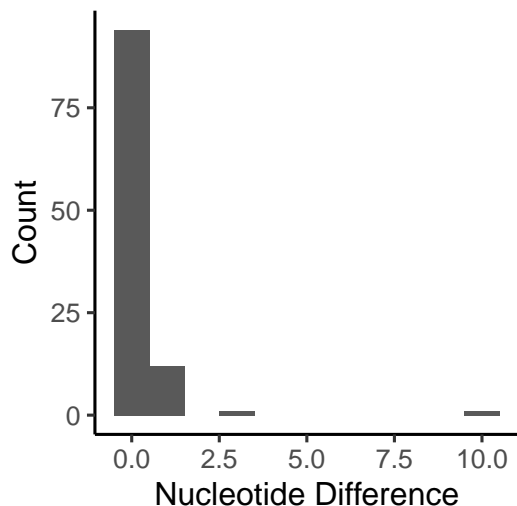
IGKV3-11*01

726 sequences assigned
505 (69.6%) exact matches, in which:
410 unique CDR3
5 unique J



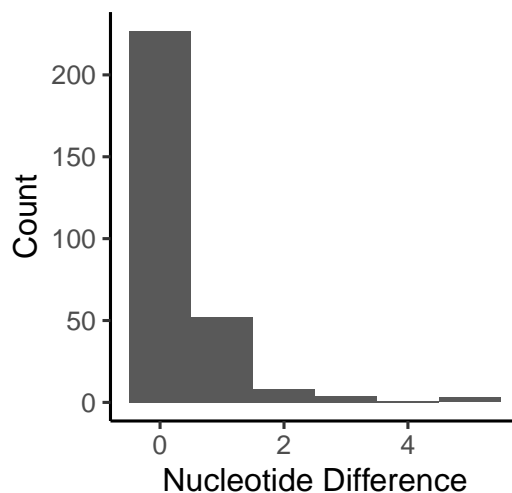
IGKV3-11*01_A223C

108 sequences assigned
94 (87%) exact matches, in which:
90 unique CDR3
5 unique J



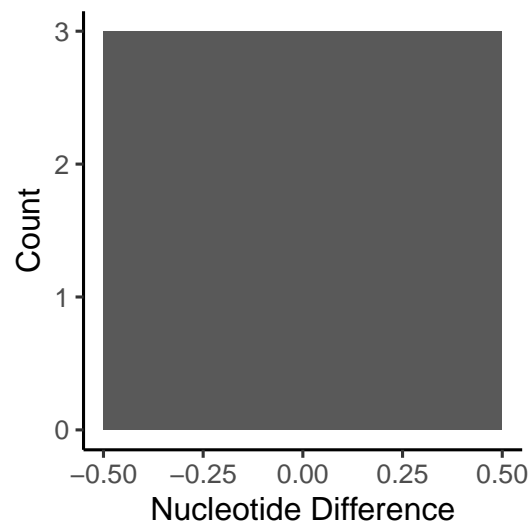
IGKV4-1*01

295 sequences assigned
227 (76.9%) exact matches, in which:
185 unique CDR3
5 unique J



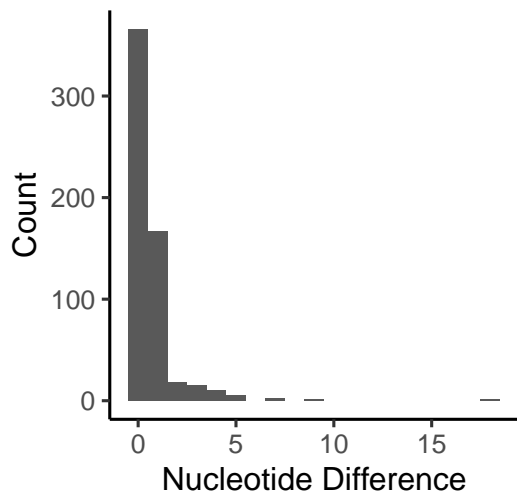
IGKV7-3*01

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



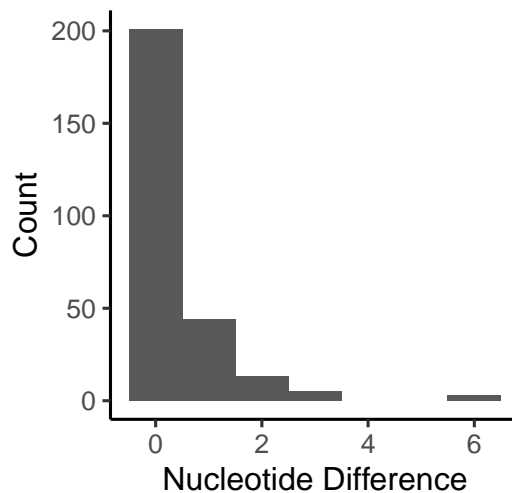
IGKV3-15*01

586 sequences assigned
366 (62.5%) exact matches, in which:
308 unique CDR3
5 unique J



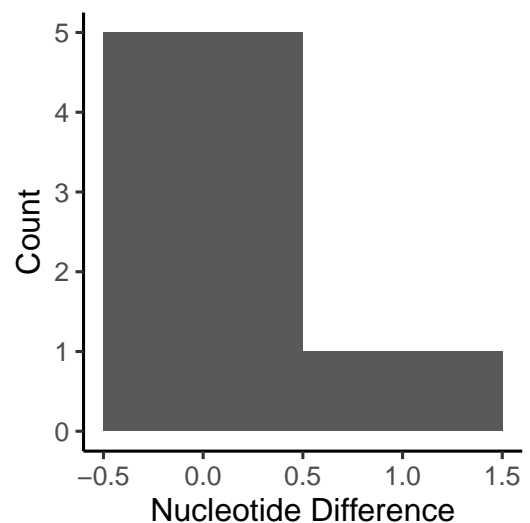
IGKV4-1*01_A318G

266 sequences assigned
201 (75.6%) exact matches, in which:
157 unique CDR3
5 unique J



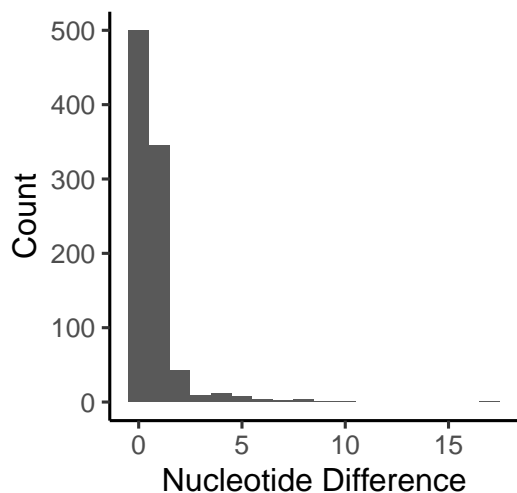
IGKV3D-7*01

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



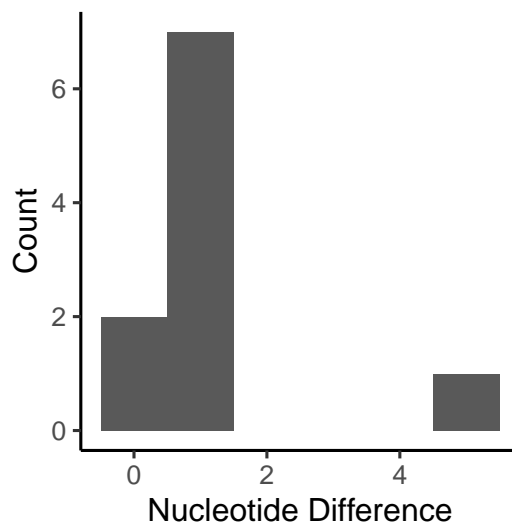
IGKV3-20*01

927 sequences assigned
500 (53.9%) exact matches, in which:
424 unique CDR3
5 unique J



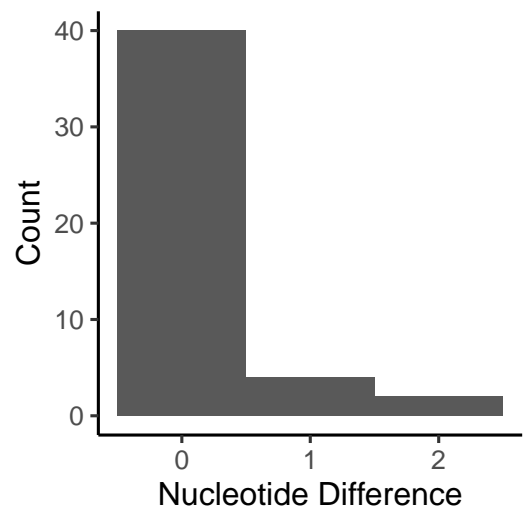
IGKV5-2*01

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



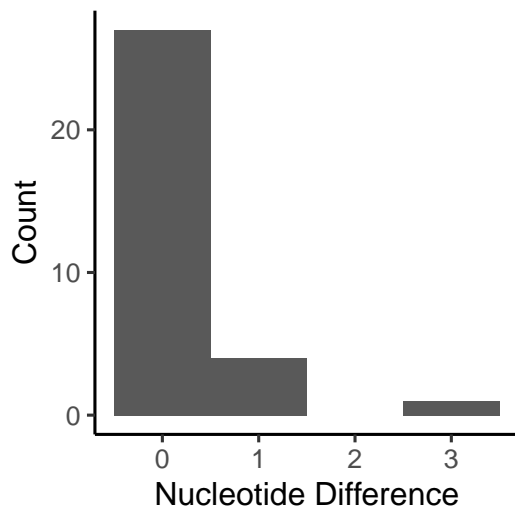
IGKV1D-8*01

46 sequences assigned
40 (87%) exact matches, in which:
35 unique CDR3
5 unique J



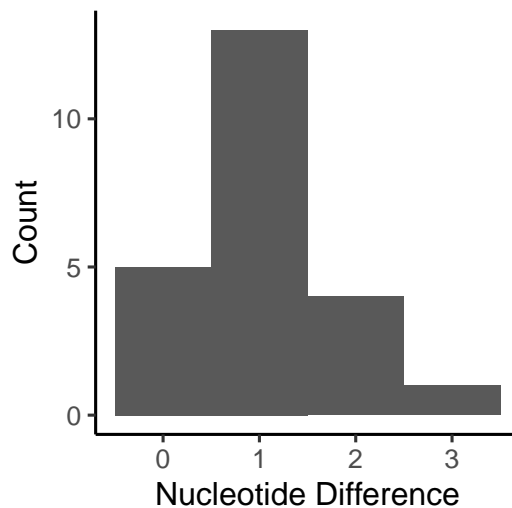
IGKV1D-8*03

32 sequences assigned
27 (84.4%) exact matches, in which:
24 unique CDR3
4 unique J



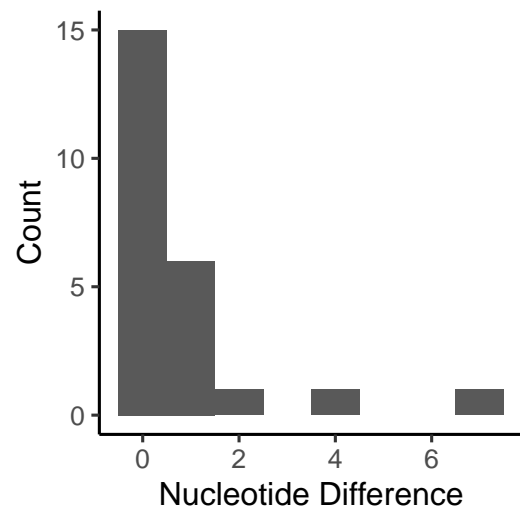
IGKV3D-15*01

23 sequences assigned
5 (21.7%) exact matches, in which:
5 unique CDR3
4 unique J



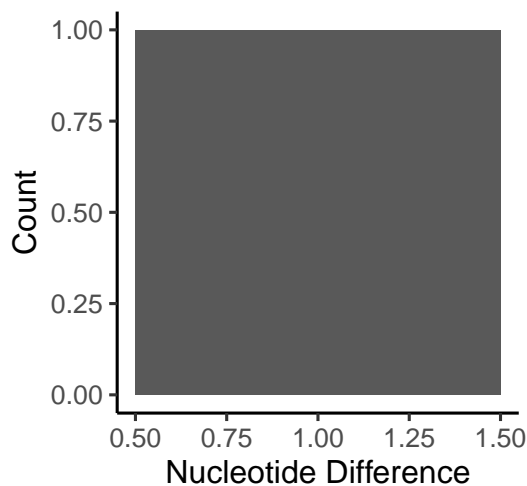
IGKV3D-20*01

24 sequences assigned
15 (62.5%) exact matches, in which:
15 unique CDR3
5 unique J



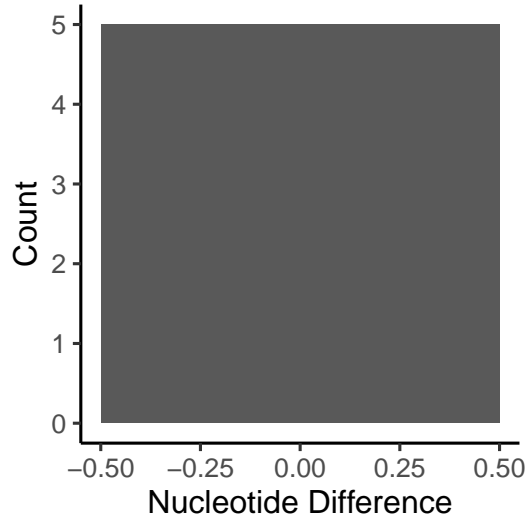
IGKV3D-11*01

1 sequences assigned
No exact matches.



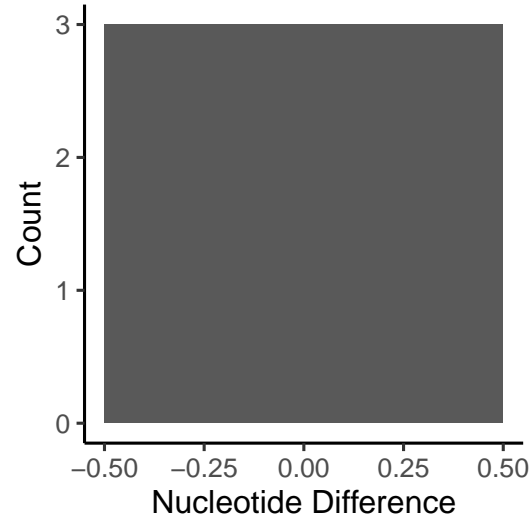
IGKV1D-16*01

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



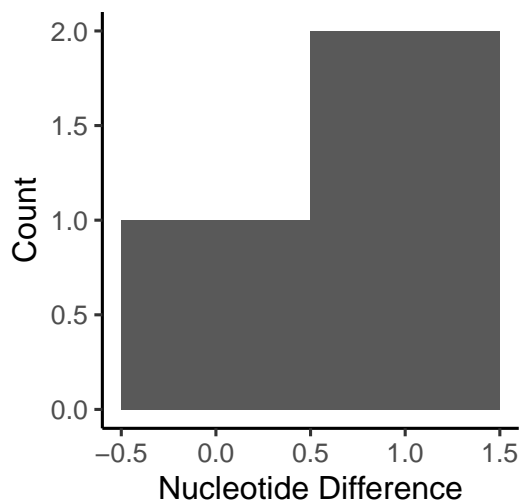
IGKV2D-24*01

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



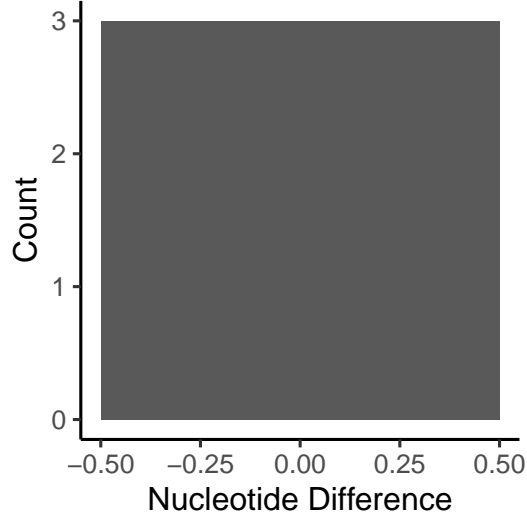
IGKV3D-11*02

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



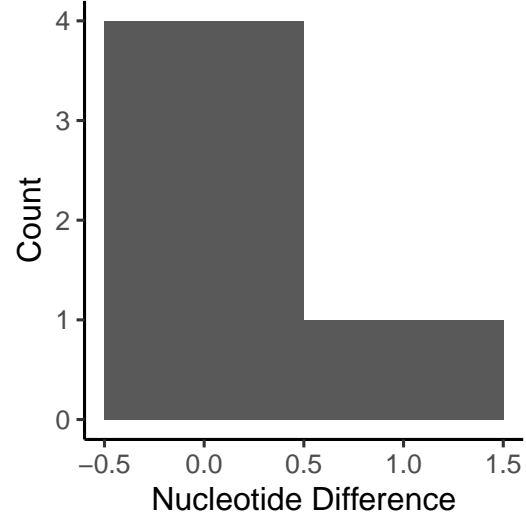
IGKV1D-16*02

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



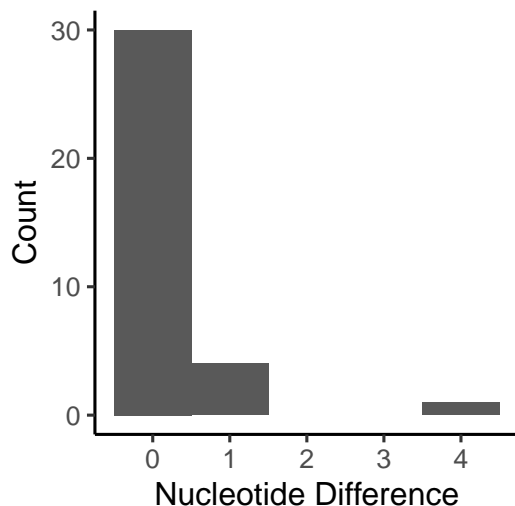
IGKV2D-26*03

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



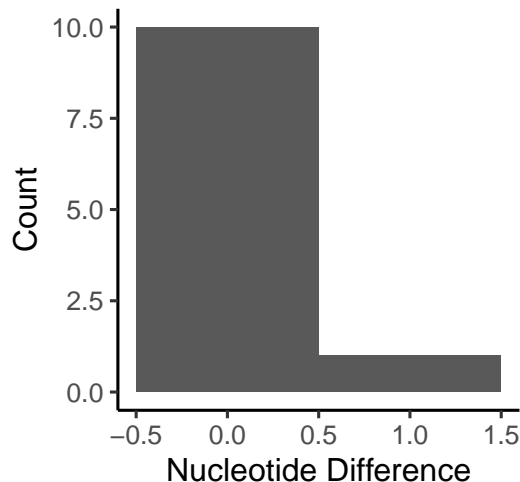
IGKV2D-29*01

35 sequences assigned
30 (85.7%) exact matches, in which:
27 unique CDR3
5 unique J



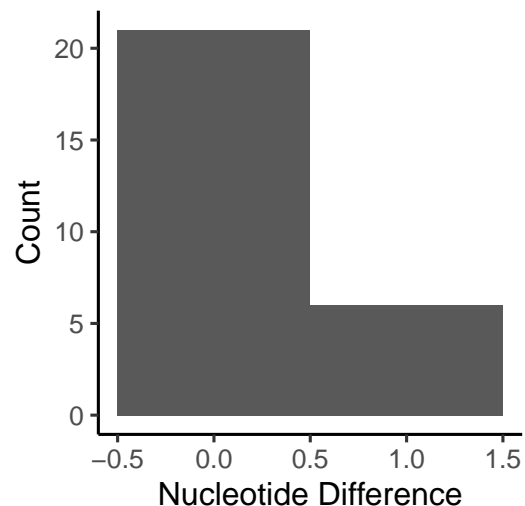
IGKV1D-43*01

11 sequences assigned
10 (90.9%) exact matches, in which:
10 unique CDR3
4 unique J



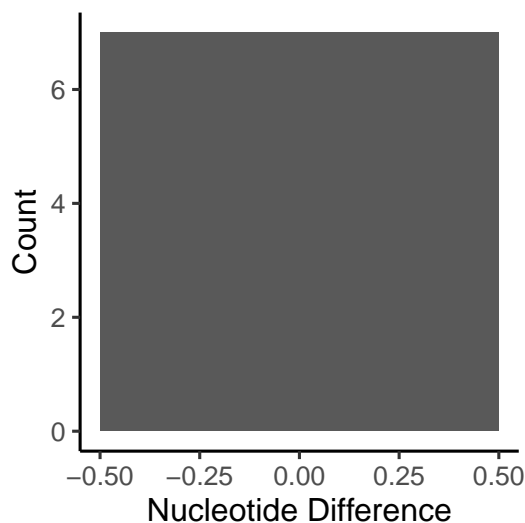
IGKV1E-12*03

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



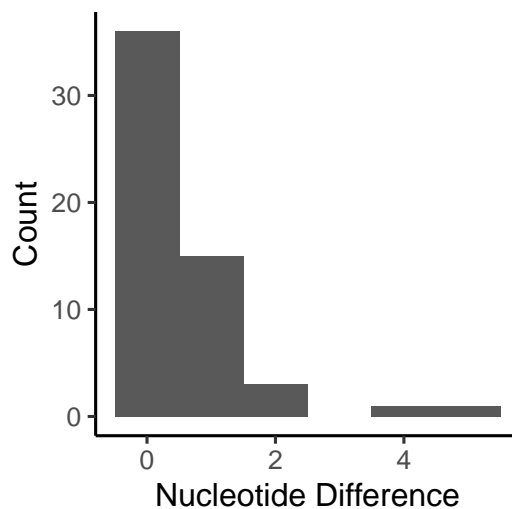
IGKV2D-29*02

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



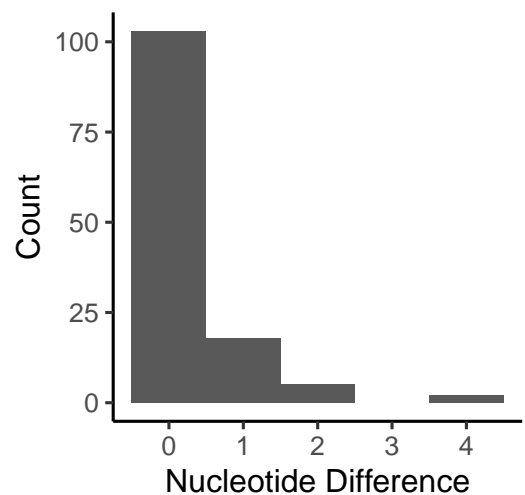
IGKV1E-12*01

56 sequences assigned
36 (64.3%) exact matches, in which:
29 unique CDR3
5 unique J



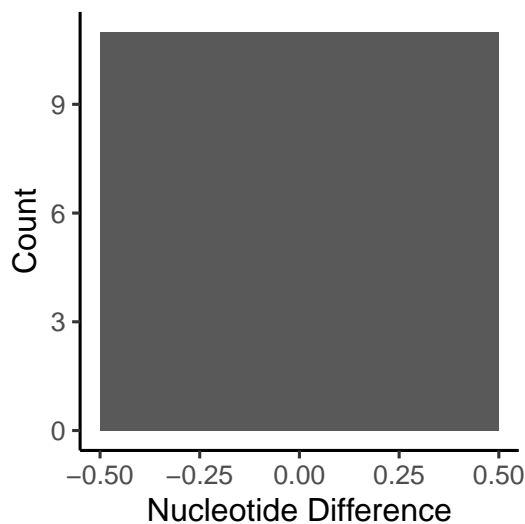
IGKV1E-13*02

128 sequences assigned
103 (80.5%) exact matches, in which:
90 unique CDR3
5 unique J



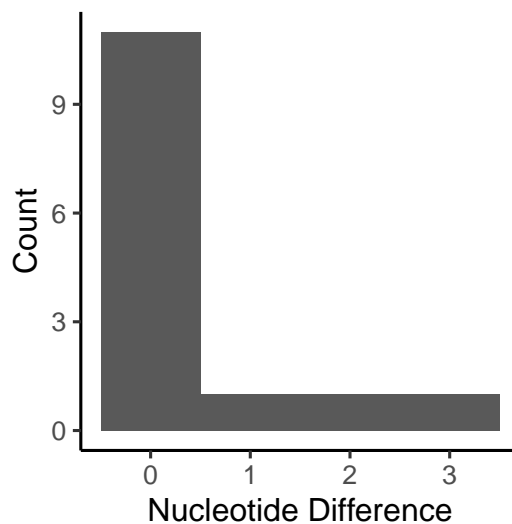
IGKV2D-30*01

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



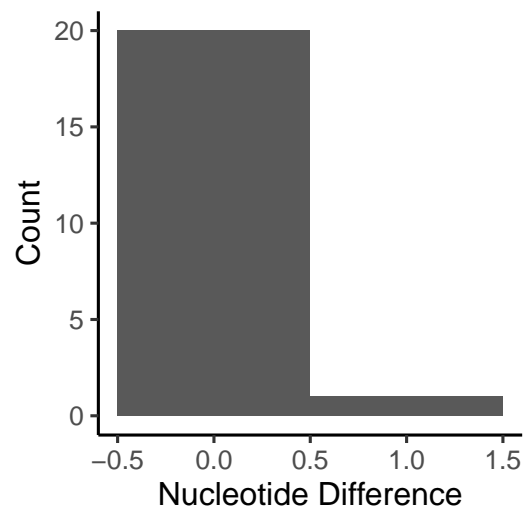
IGKV1E-12*02

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



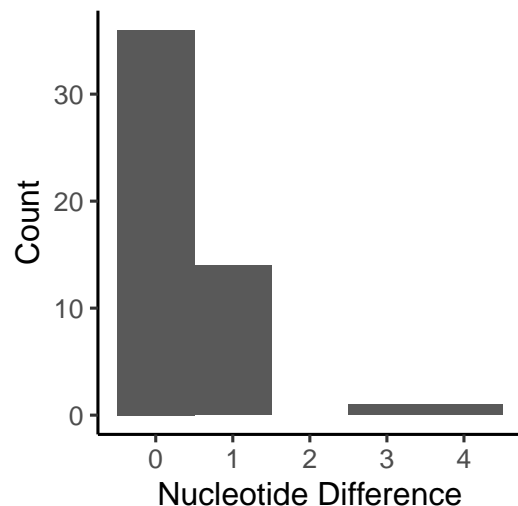
IGKV1E-13*03

21 sequences assigned
20 (95.2%) exact matches, in which:
20 unique CDR3
4 unique J



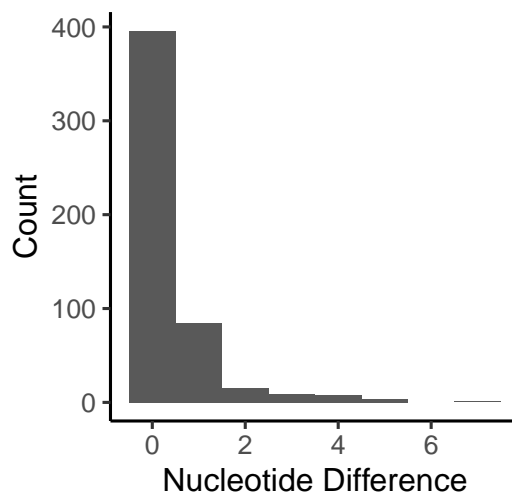
IGKV6E-21*01

52 sequences assigned
36 (69.2%) exact matches, in which:
35 unique CDR3
5 unique J



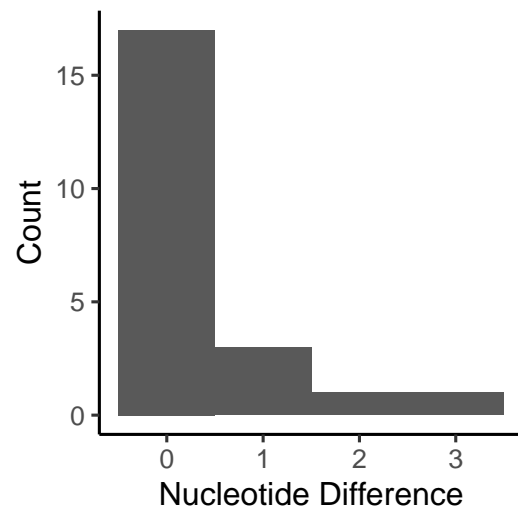
IGKV1E-33*01

518 sequences assigned
396 (76.4%) exact matches, in which:
325 unique CDR3
5 unique J



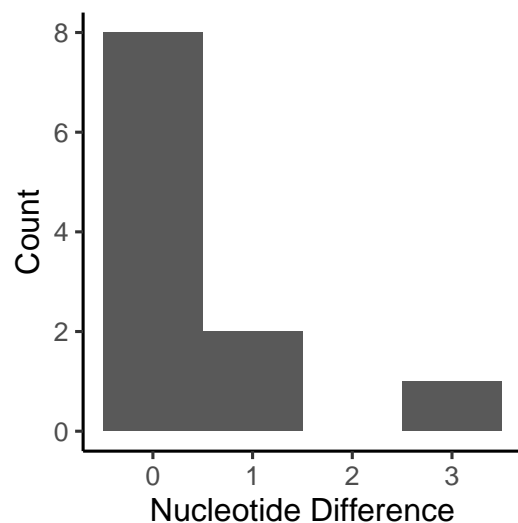
IGKV2E-40*01

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



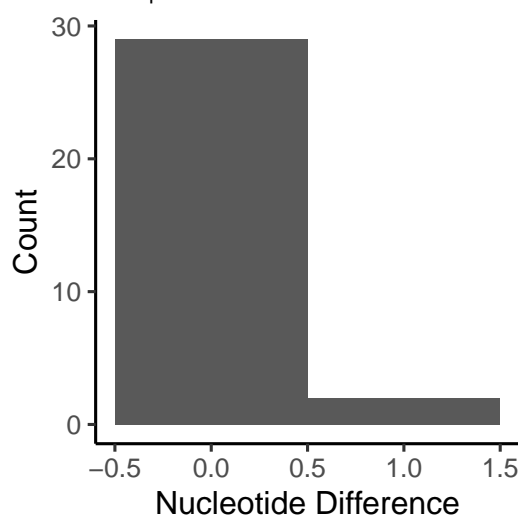
IGKV6E-21*03

11 sequences assigned
8 (72.7%) exact matches, in which:
8 unique CDR3
4 unique J



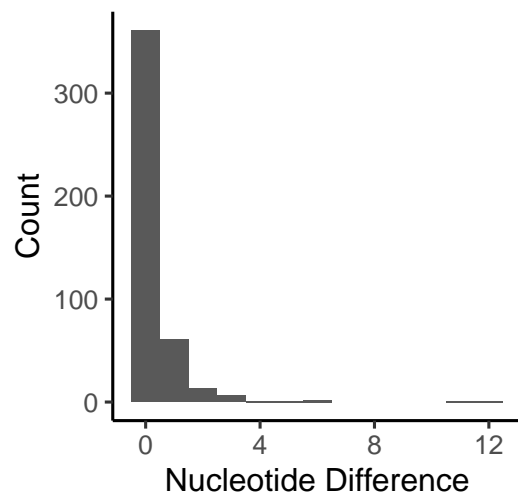
IGKV1E-37*01

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



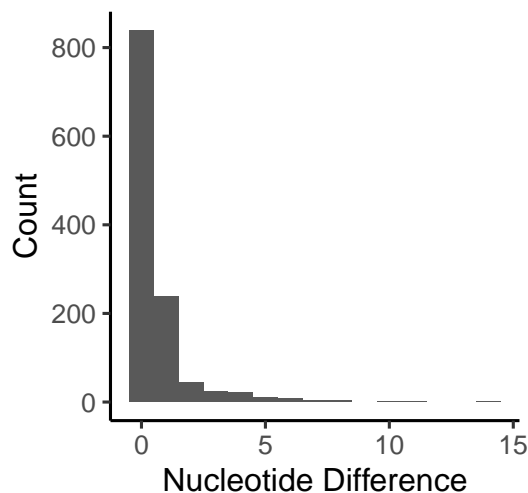
IGKV2E-28*01

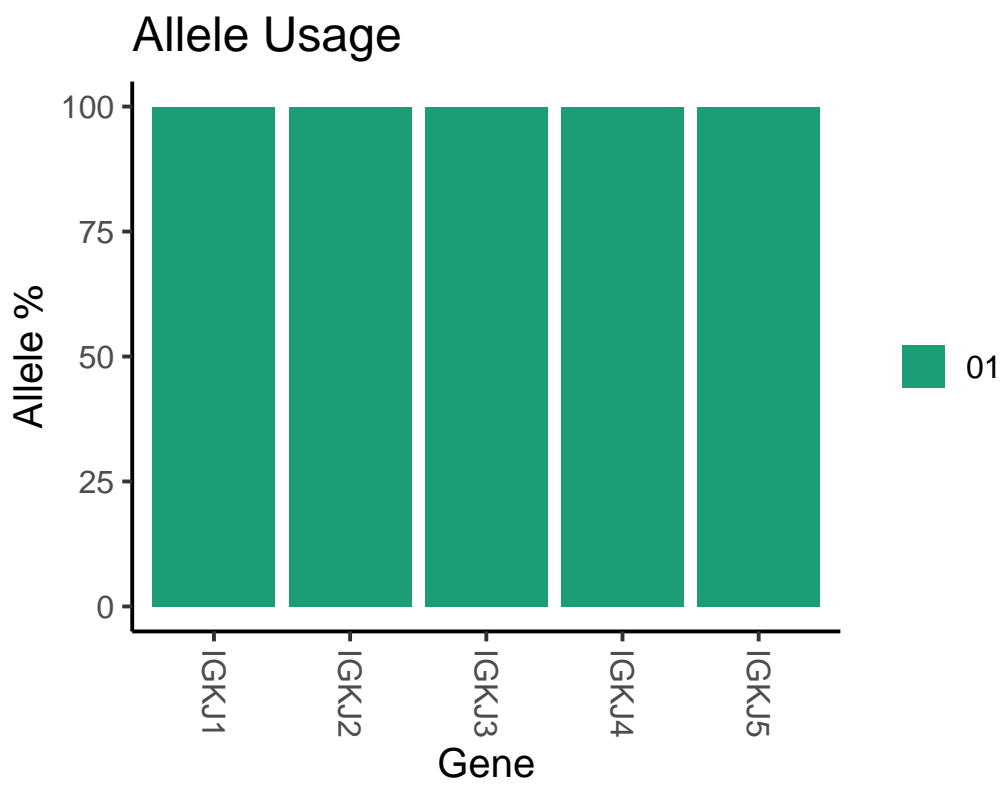
447 sequences assigned
361 (80.8%) exact matches, in which:
297 unique CDR3
5 unique J



IGKV1E-39*01

1197 sequences assigned
839 (70.1%) exact matches, in which:
645 unique CDR3
5 unique J





Warning – no inferred sequences found.