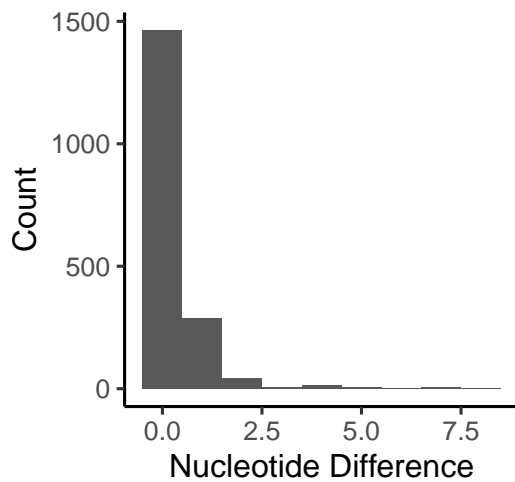


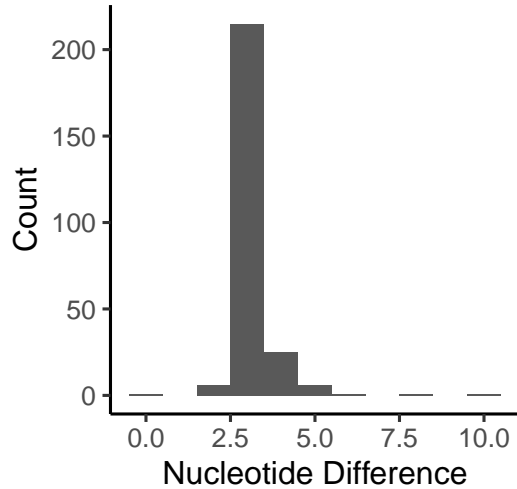
IGKV1-5*01

1832 sequences assigned
1463 (79.9%) exact matches, in which:
1099 unique CDR3
5 unique J



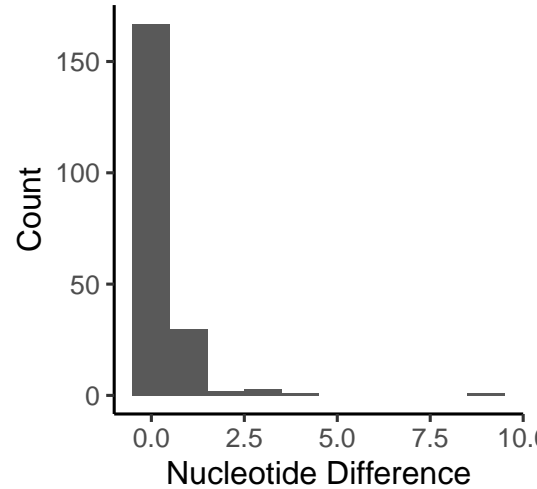
IGKV1-9*01

256 sequences assigned
1 (0.4%) exact matches, in which:
1 unique CDR3
1 unique J



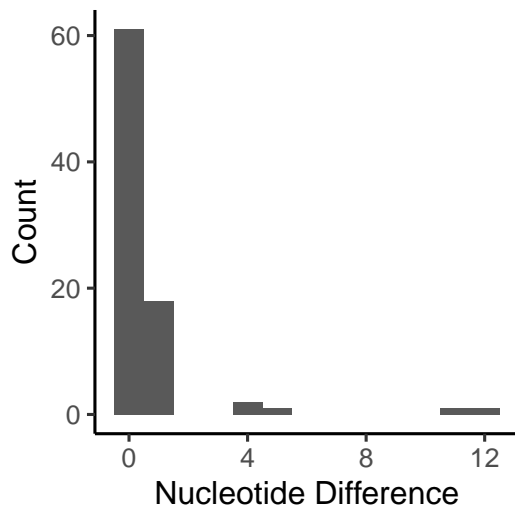
IGKV1-27*01

204 sequences assigned
167 (81.9%) exact matches, in which:
144 unique CDR3
5 unique J



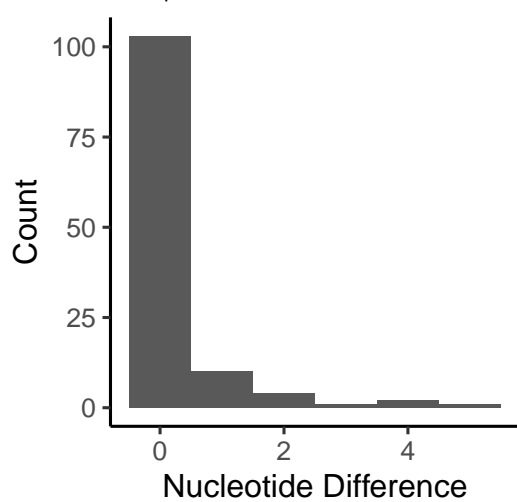
IGKV1-6*01_G9A

84 sequences assigned
61 (72.6%) exact matches, in which:
49 unique CDR3
5 unique J



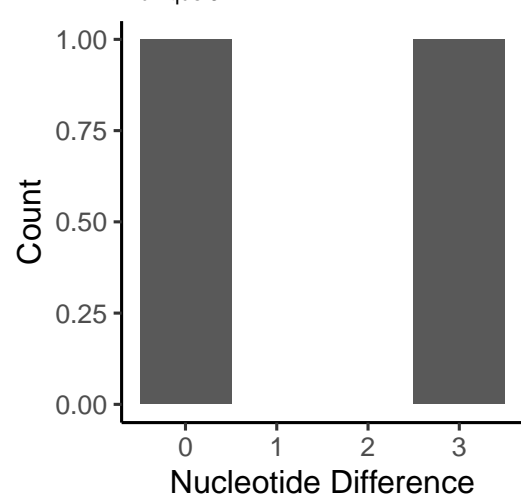
IGKV1-16*02

121 sequences assigned
103 (85.1%) exact matches, in which:
73 unique CDR3
5 unique J



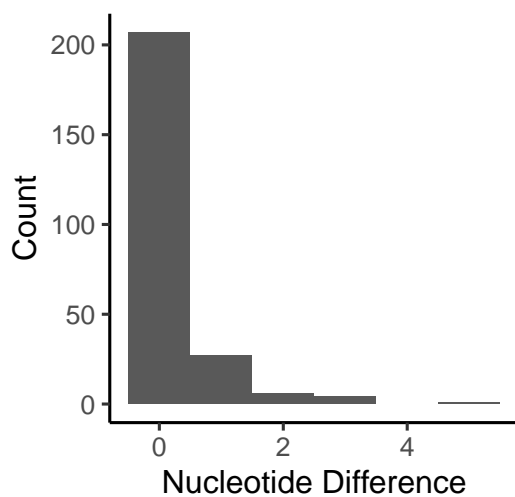
IGKV2/OR22-4*01

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



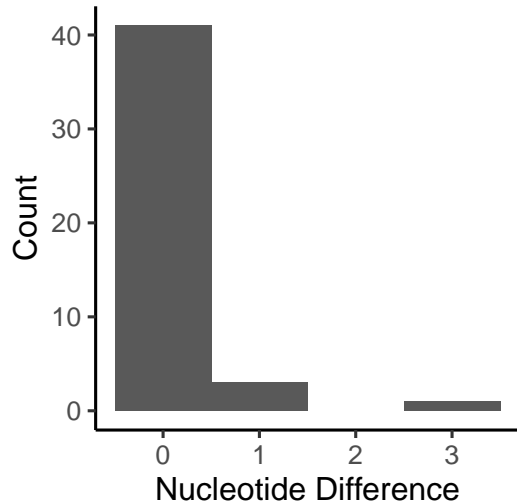
IGKV1-8*01_T31C

245 sequences assigned
207 (84.5%) exact matches, in which:
165 unique CDR3
5 unique J



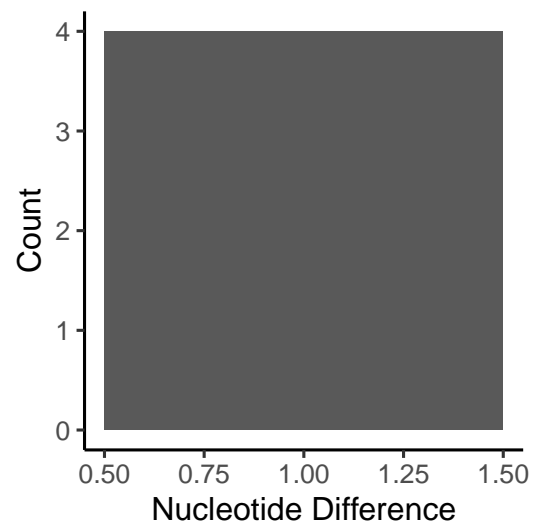
IGKV1-17*03

45 sequences assigned
41 (91.1%) exact matches, in which:
37 unique CDR3
5 unique J



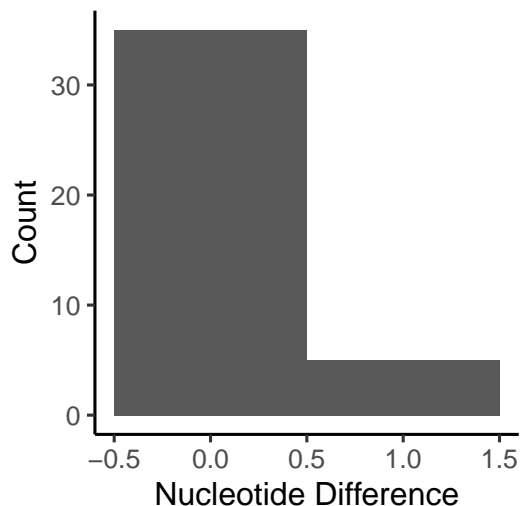
IGKV2-18*01

4 sequences assigned
No exact matches.



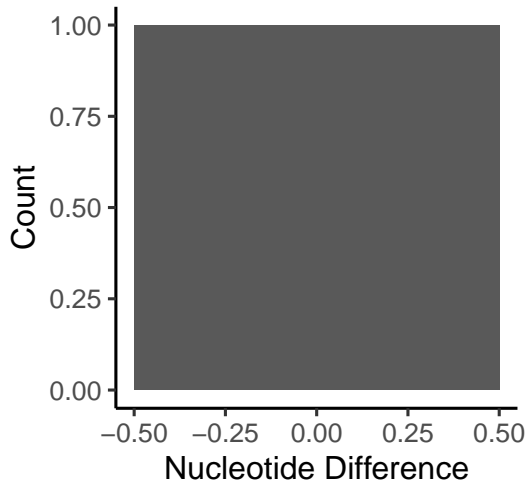
IGKV2-24*01

40 sequences assigned
35 (87.5%) exact matches, in which:
35 unique CDR3
4 unique J



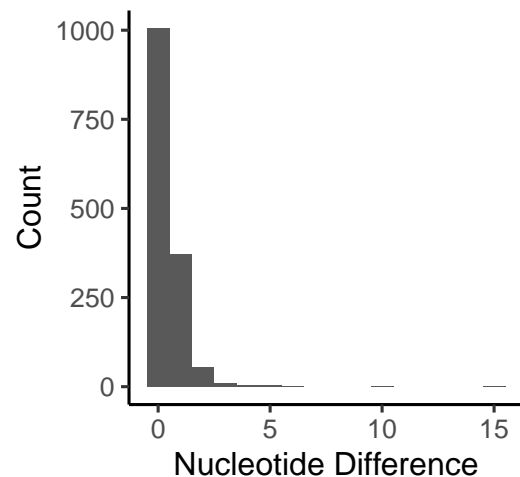
IGKV1/OR2-108*01

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



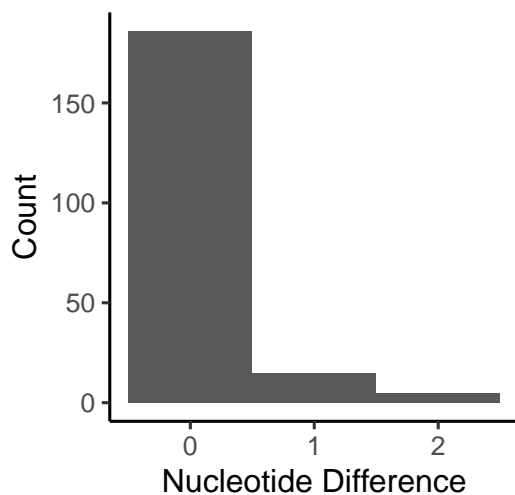
IGKV3-11*01

1453 sequences assigned
1005 (69.2%) exact matches, in which:
793 unique CDR3
5 unique J



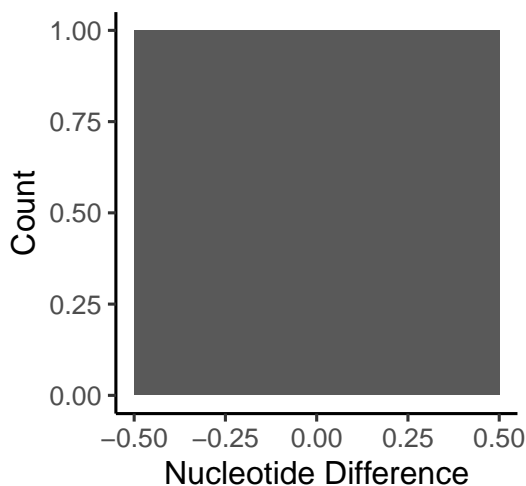
IGKV2-30*01

206 sequences assigned
186 (90.3%) exact matches, in which:
168 unique CDR3
5 unique J



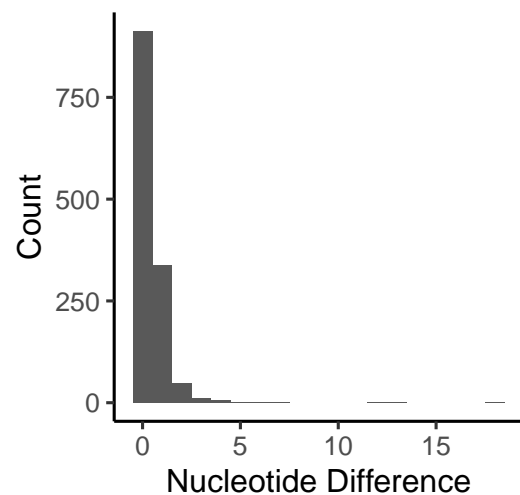
IGKV3/OR2-268*01

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



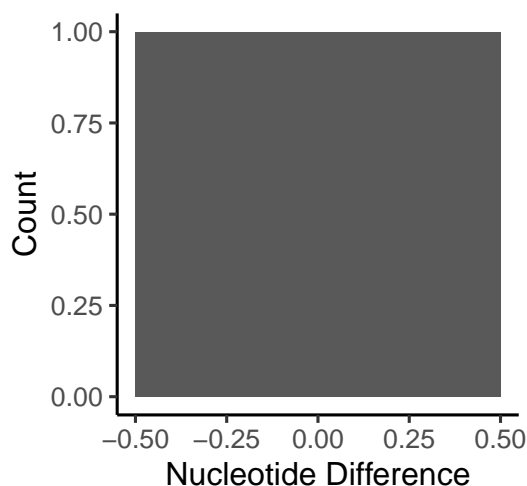
IGKV3-15*01

1326 sequences assigned
913 (68.9%) exact matches, in which:
742 unique CDR3
5 unique J



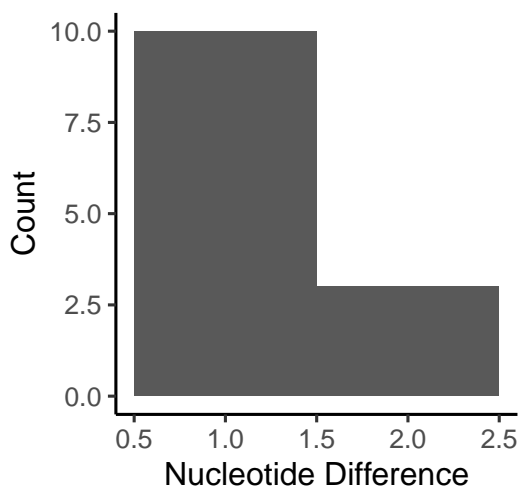
IGKV2/OR2-7D*01

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



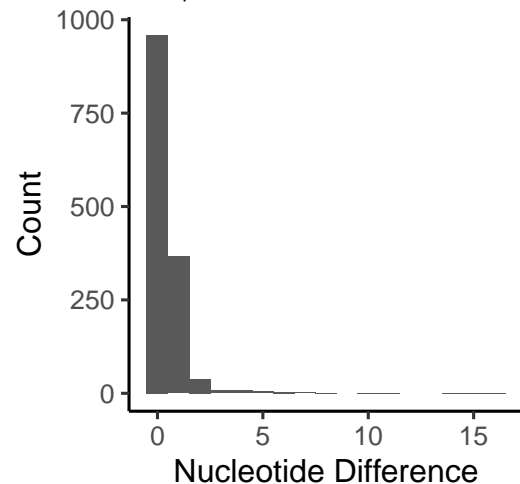
IGKV3-7*04

13 sequences assigned
No exact matches.



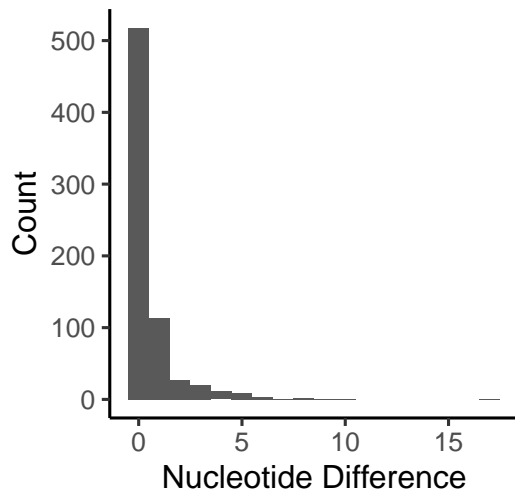
IGKV3-20*01

1396 sequences assigned
959 (68.7%) exact matches, in which:
784 unique CDR3
5 unique J



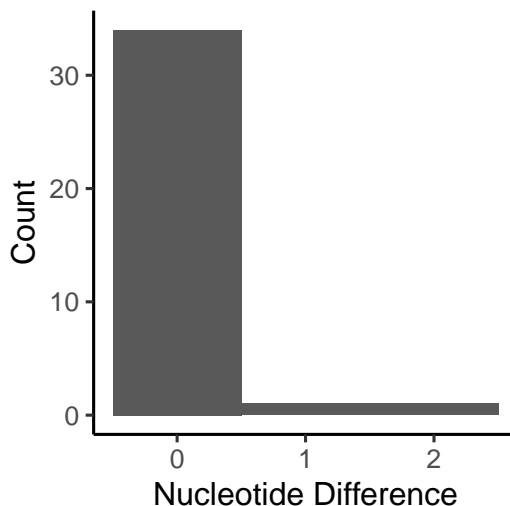
IGKV4–1*01_A318G

707 sequences assigned
518 (73.3%) exact matches, in which:
400 unique CDR3
5 unique J



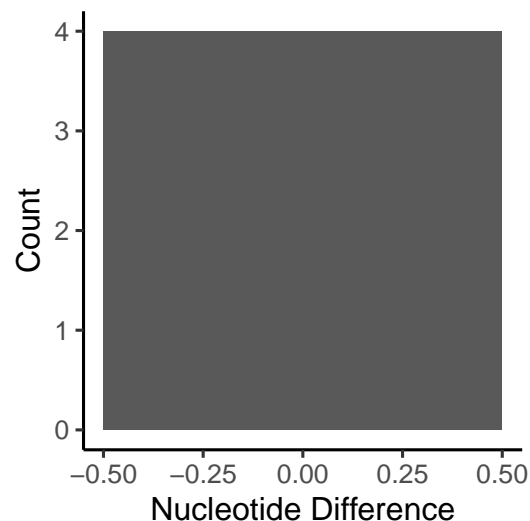
IGKV1D–8*01

36 sequences assigned
34 (94.4%) exact matches, in which:
29 unique CDR3
4 unique J



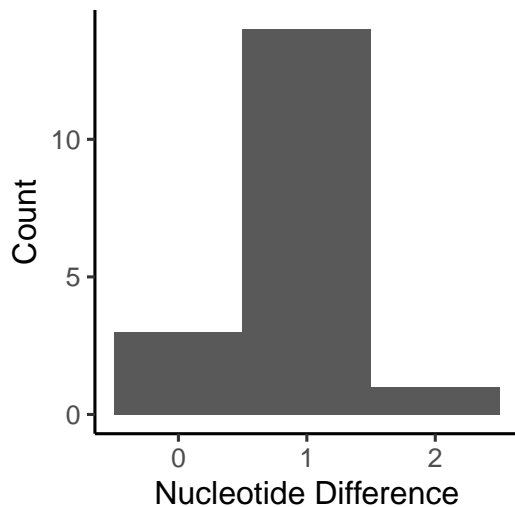
IGKV3D–11*02

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



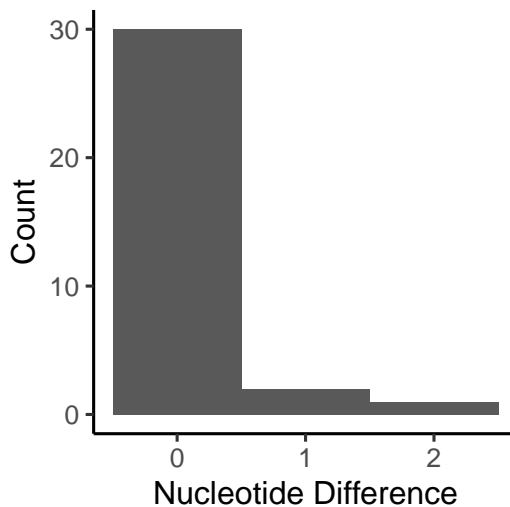
IGKV5–2*01

18 sequences assigned
3 (16.7%) exact matches, in which:
3 unique CDR3
2 unique J



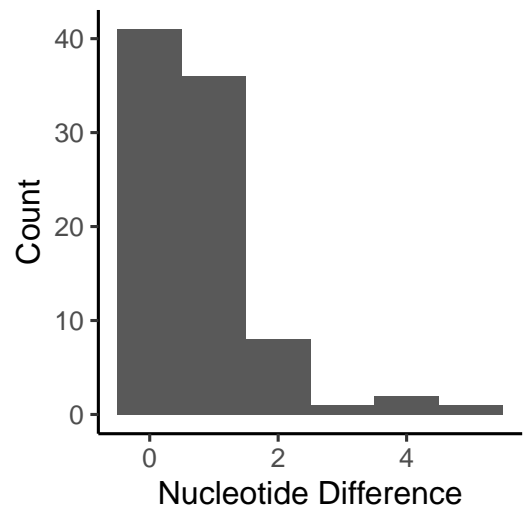
IGKV1D–8*03

33 sequences assigned
30 (90.9%) exact matches, in which:
25 unique CDR3
5 unique J



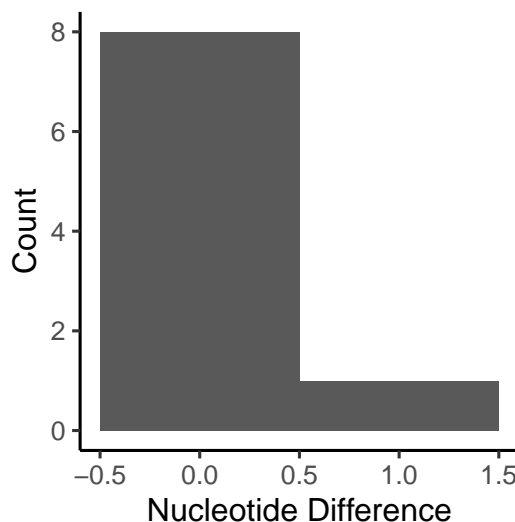
IGKV3D–15*01

89 sequences assigned
41 (46.1%) exact matches, in which:
40 unique CDR3
5 unique J



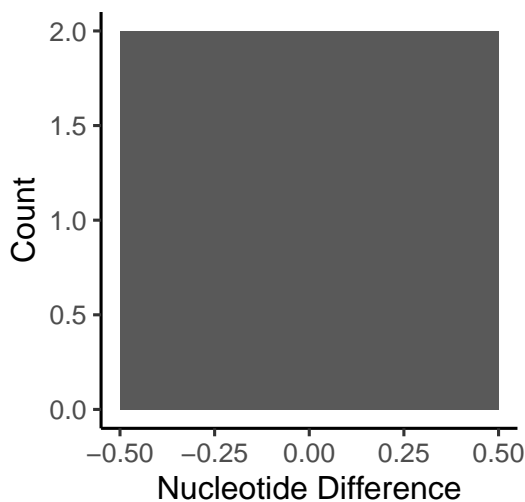
IGKV3D–7*01

9 sequences assigned
8 (88.9%) exact matches, in which:
8 unique CDR3
3 unique J



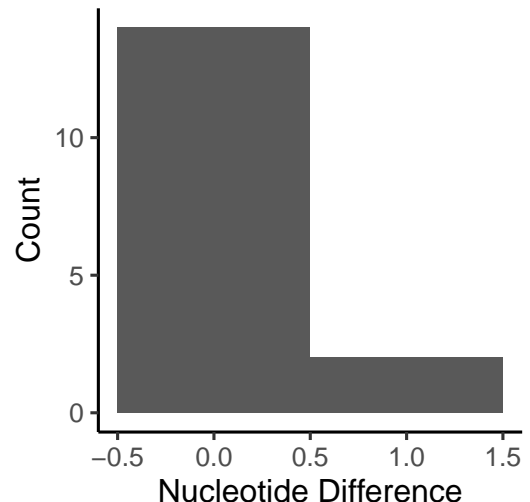
IGKV3D–11*01

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



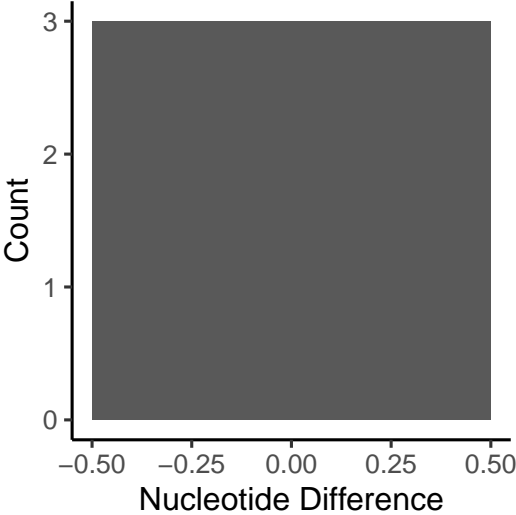
IGKV1D–16*01

16 sequences assigned
14 (87.5%) exact matches, in which:
13 unique CDR3
5 unique J



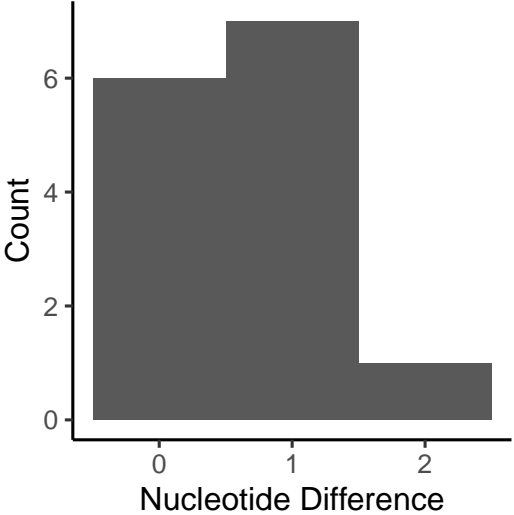
IGKV1D-16*02

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



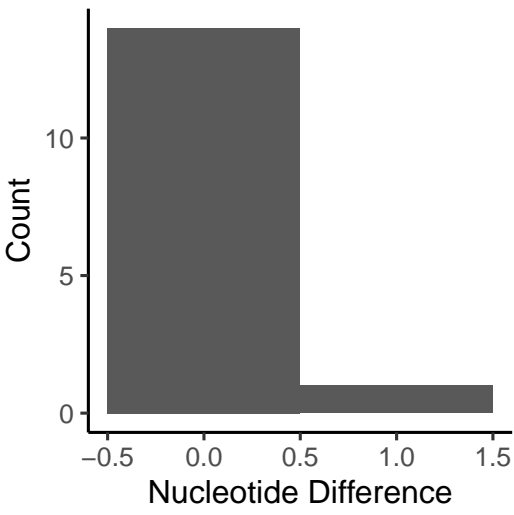
IGKV2D-26*03

14 sequences assigned
6 (42.9%) exact matches, in which:
6 unique CDR3
4 unique J



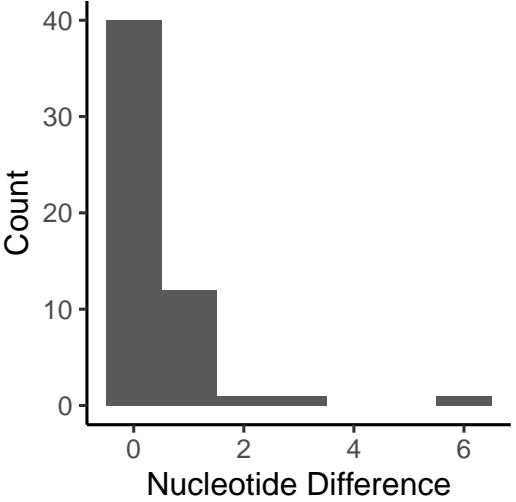
IGKV2D-30*01

15 sequences assigned
14 (93.3%) exact matches, in which:
14 unique CDR3
5 unique J



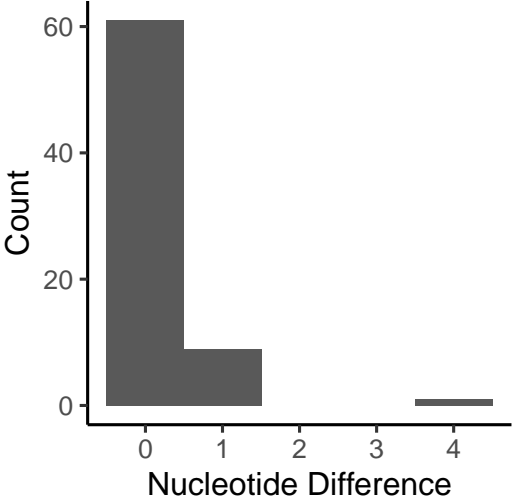
IGKV3D-20*01

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



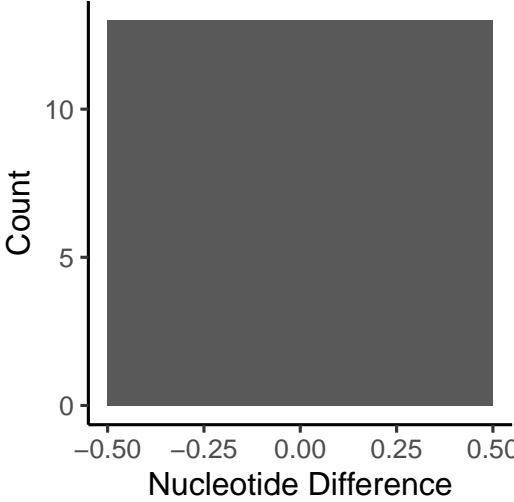
IGKV2D-29*01

71 sequences assigned
61 (85.9%) exact matches, in which:
58 unique CDR3
5 unique J



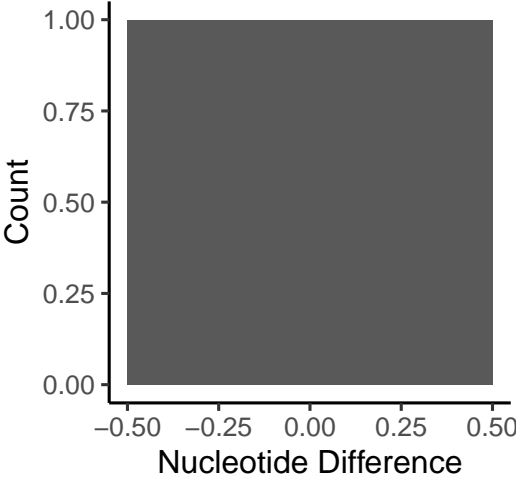
IGKV1D-43*01

13 sequences assigned
13 (100%) exact matches, in which:
13 unique CDR3
4 unique J



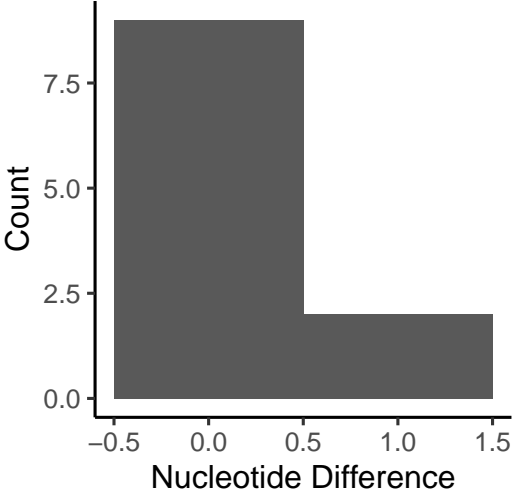
IGKV2D-24*01

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



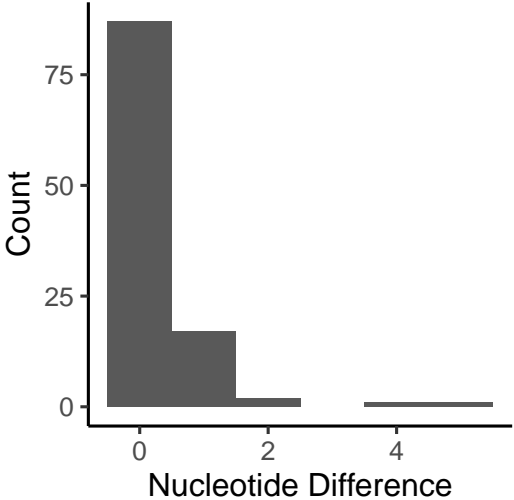
IGKV2D-29*02

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



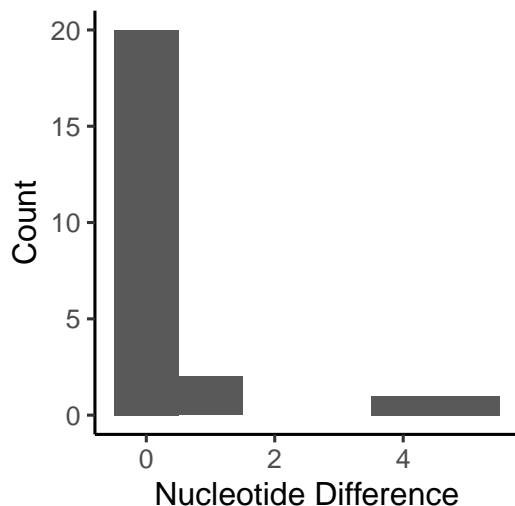
IGKV1E-12*01

108 sequences assigned
87 (80.6%) exact matches, in which:
62 unique CDR3
5 unique J



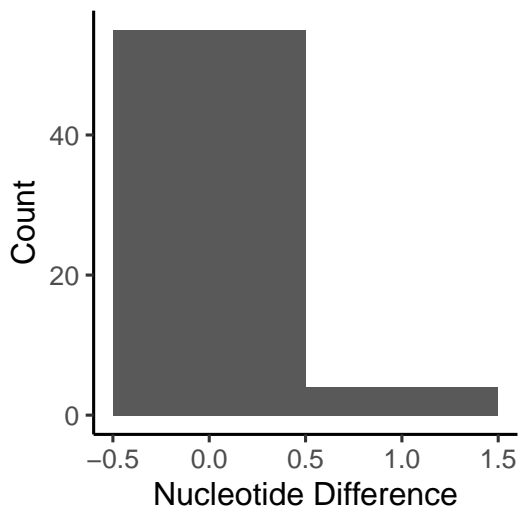
IGKV1E-12*02

24 sequences assigned
20 (83.3%) exact matches, in which:
15 unique CDR3
5 unique J



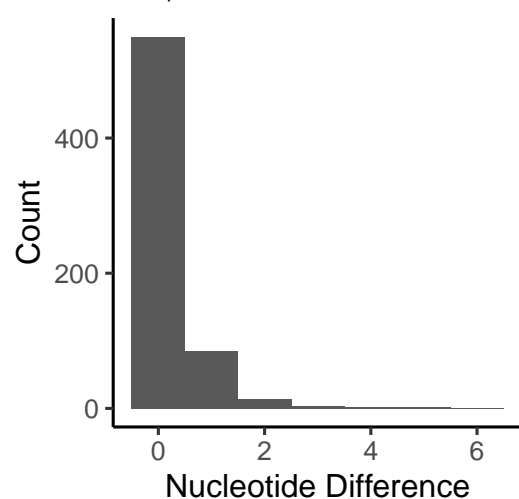
IGKV1E-13*03

59 sequences assigned
55 (93.2%) exact matches, in which:
49 unique CDR3
5 unique J



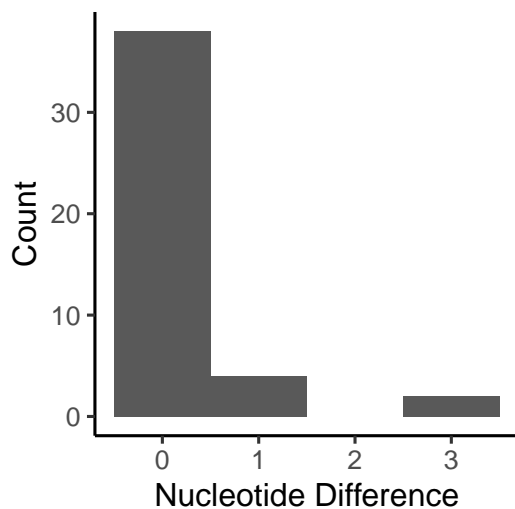
IGKV2E-28*01

658 sequences assigned
550 (83.6%) exact matches, in which:
433 unique CDR3
5 unique J



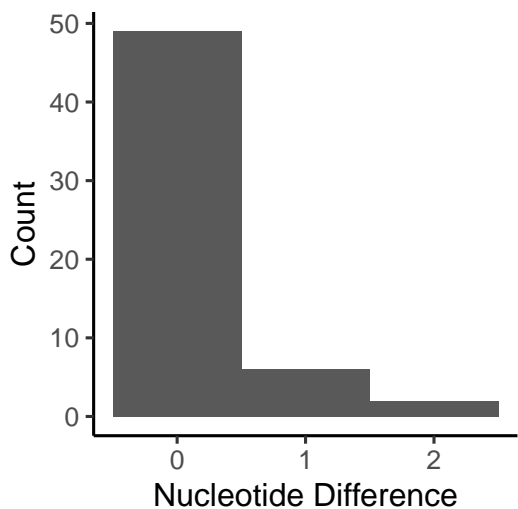
IGKV1E-12*03

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



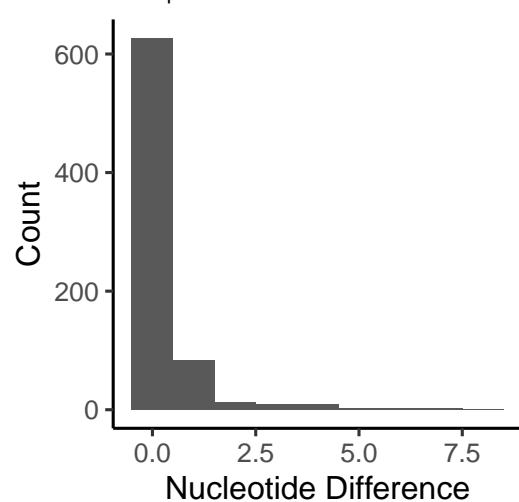
IGKV6E-21*01

57 sequences assigned
49 (86%) exact matches, in which:
42 unique CDR3
5 unique J



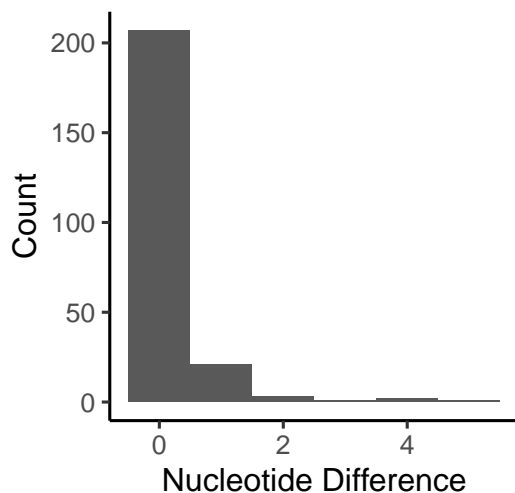
IGKV1E-33*01

751 sequences assigned
627 (83.5%) exact matches, in which:
487 unique CDR3
5 unique J



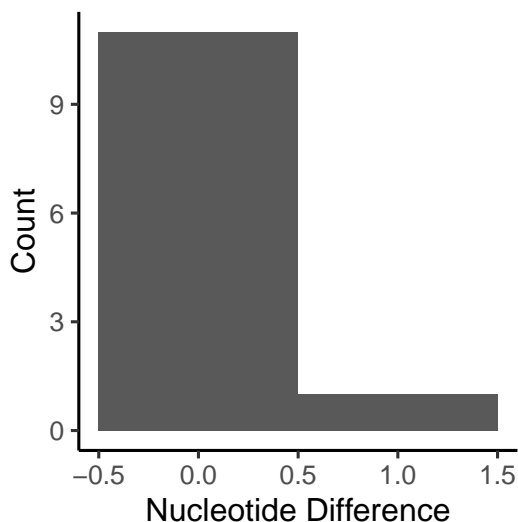
IGKV1E-13*02

235 sequences assigned
207 (88.1%) exact matches, in which:
174 unique CDR3
5 unique J



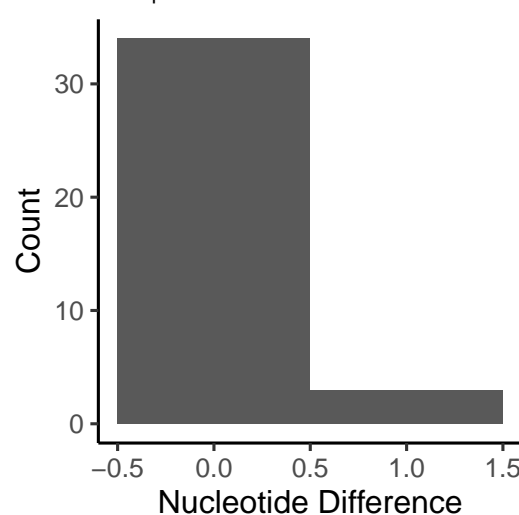
IGKV6E-21*03

12 sequences assigned
11 (91.7%) exact matches, in which:
11 unique CDR3
5 unique J



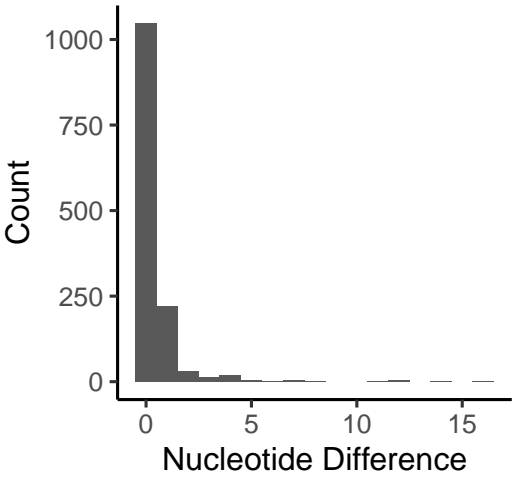
IGKV1E-37*01

37 sequences assigned
34 (91.9%) exact matches, in which:
32 unique CDR3
5 unique J



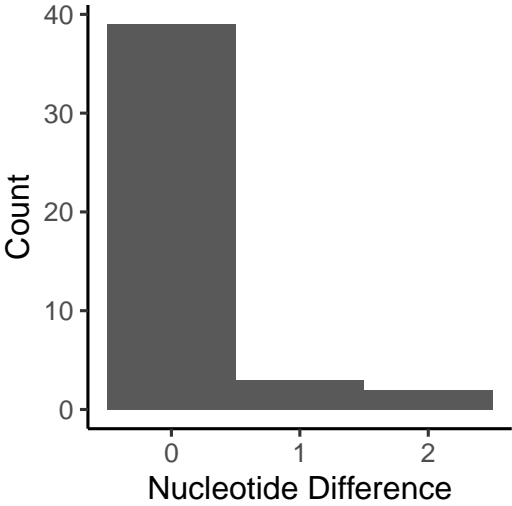
IGKV1E-39*01

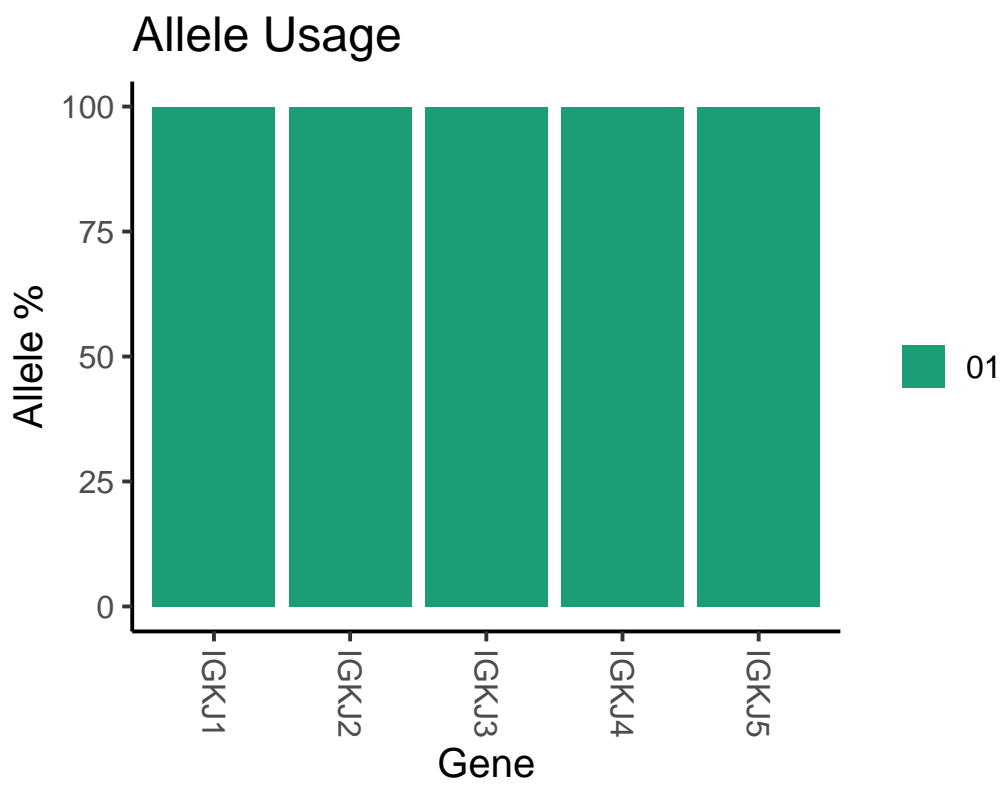
1348 sequences assigned
1047 (77.7%) exact matches, in which:
803 unique CDR3
5 unique J



IGKV2E-40*01

44 sequences assigned
39 (88.6%) exact matches, in which:
33 unique CDR3
5 unique J





Warning – no inferred sequences found.