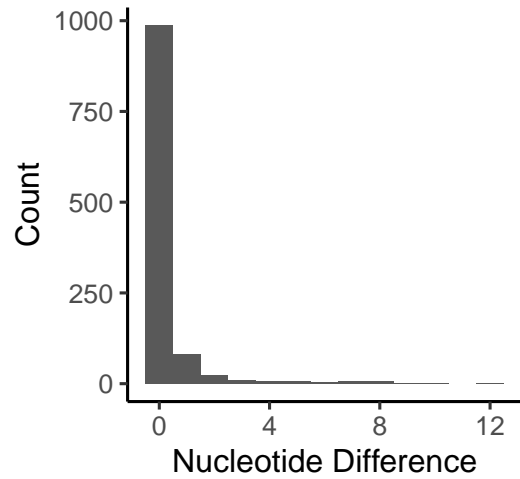


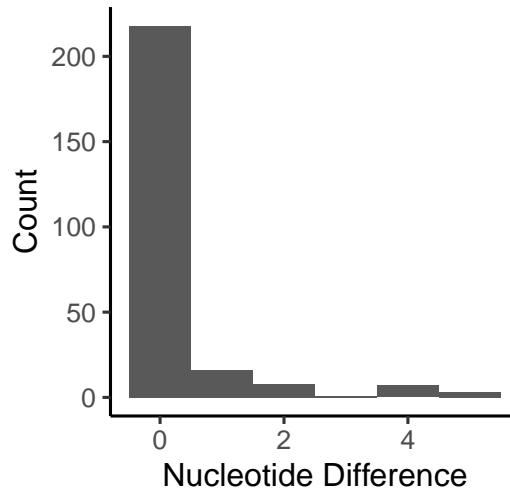
IGKV1-5*03

1134 sequences assigned
987 (87%) exact matches, in which:
795 unique CDR3
5 unique J



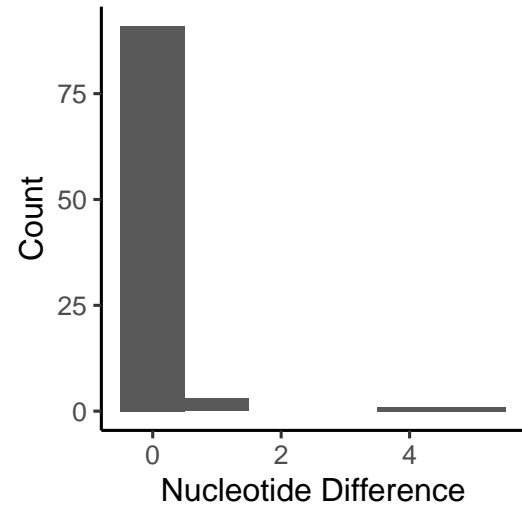
IGKV1-8*01

253 sequences assigned
218 (86.2%) exact matches, in which:
166 unique CDR3
5 unique J



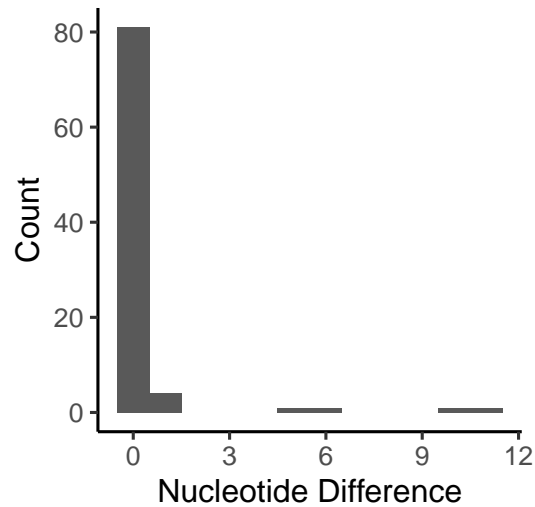
IGKV1-17*01

96 sequences assigned
91 (94.8%) exact matches, in which:
70 unique CDR3
5 unique J



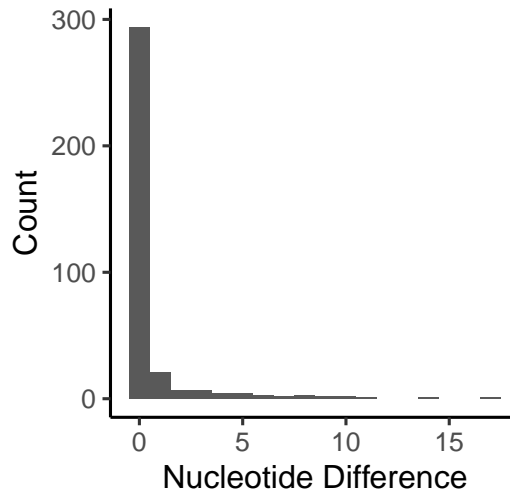
IGKV1-6*01

89 sequences assigned
81 (91%) exact matches, in which:
47 unique CDR3
5 unique J



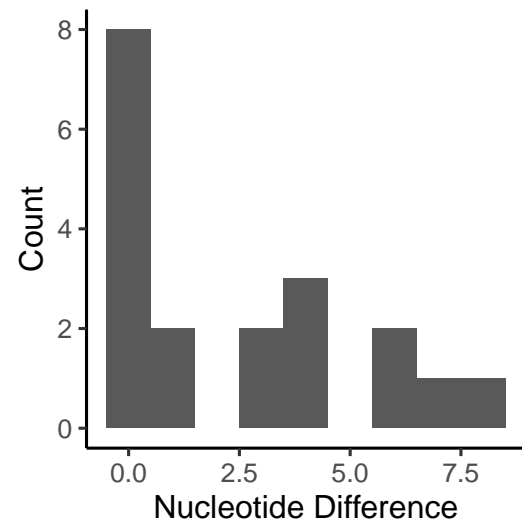
IGKV1-9*01

352 sequences assigned
294 (83.5%) exact matches, in which:
248 unique CDR3
5 unique J



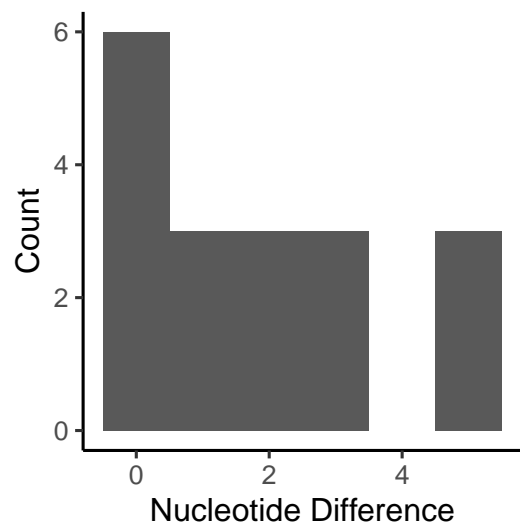
IGKV1-17*01_T314A

19 sequences assigned
8 (42.1%) exact matches, in which:
8 unique CDR3
3 unique J



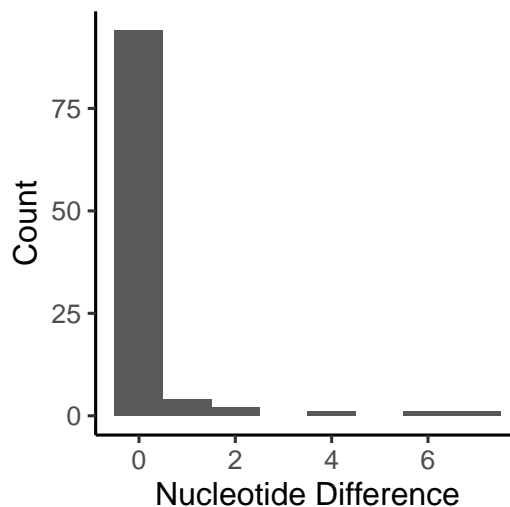
IGKV1-6*01_A318G

18 sequences assigned
6 (33.3%) exact matches, in which:
6 unique CDR3
3 unique J



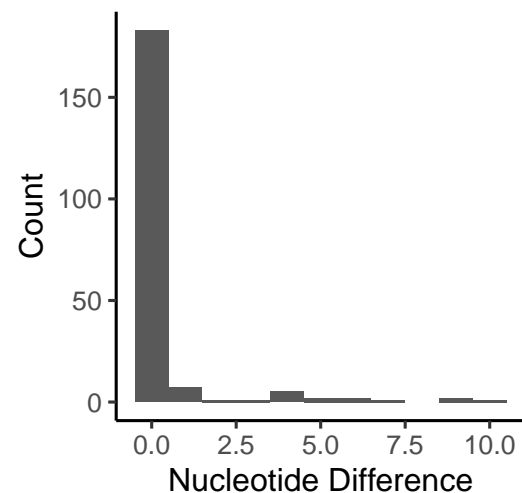
IGKV1-16*02

103 sequences assigned
94 (91.3%) exact matches, in which:
75 unique CDR3
5 unique J



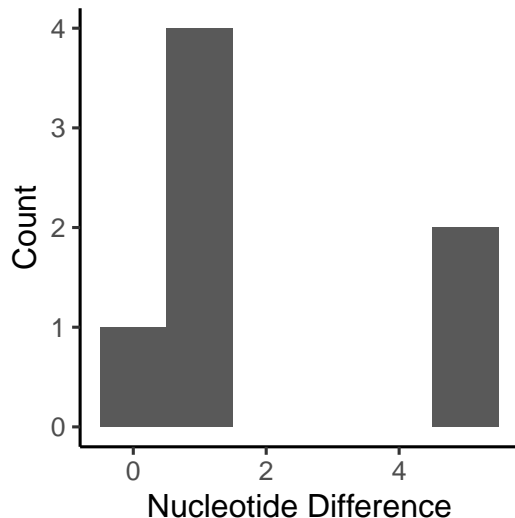
IGKV1-27*01

205 sequences assigned
183 (89.3%) exact matches, in which:
142 unique CDR3
5 unique J



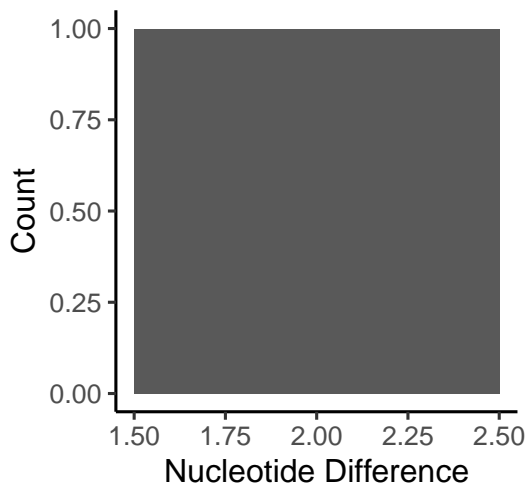
IGKV2/OR22-4*01

7 sequences assigned
1 (14.3%) exact matches, in which:
1 unique CDR3
1 unique J



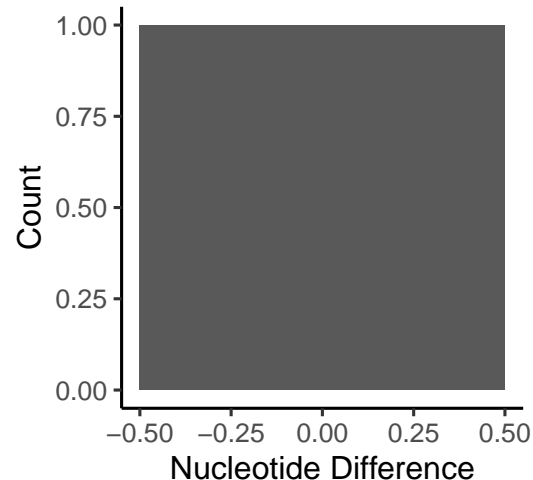
IGKV2-29*02

1 sequences assigned
No exact matches.



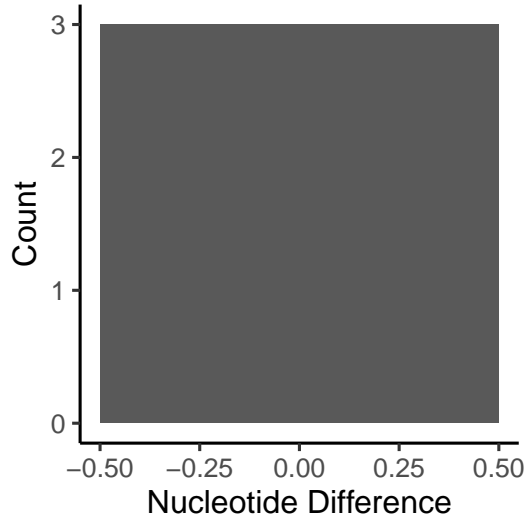
IGKV1/OR2-108*01

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



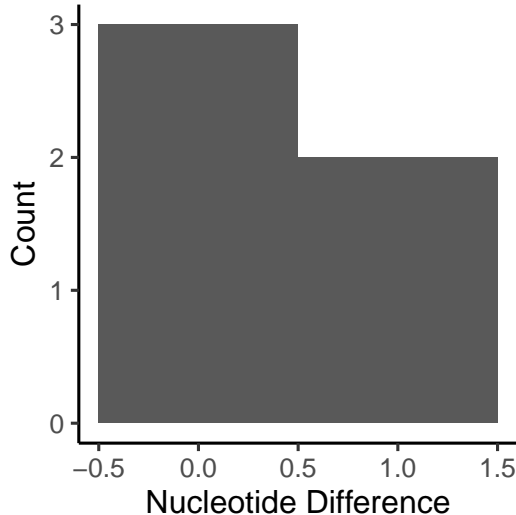
IGKV2-18*01

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



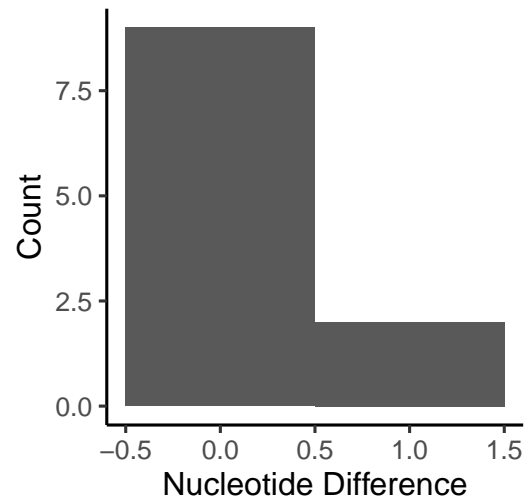
IGKV2-29*03

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



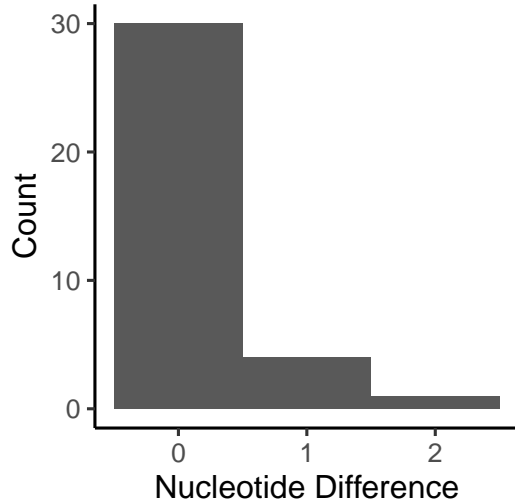
IGKV3-7*04

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



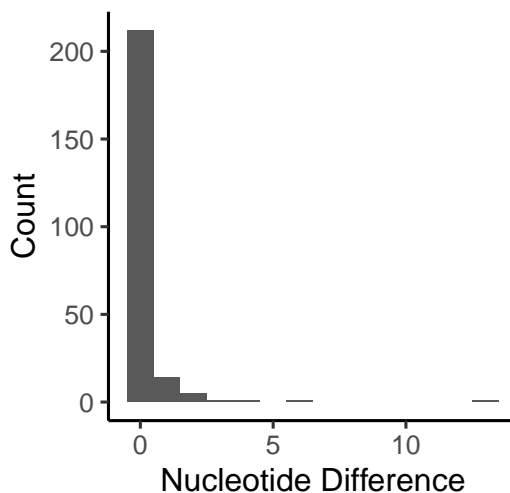
IGKV2-24*01

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



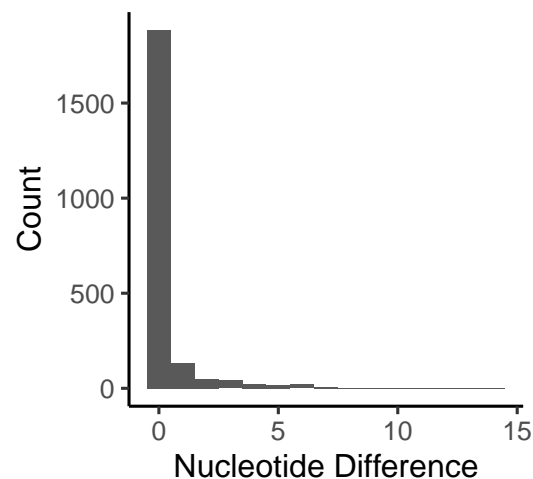
IGKV2-30*01

235 sequences assigned
212 (90.2%) exact matches, in which:
188 unique CDR3
5 unique J



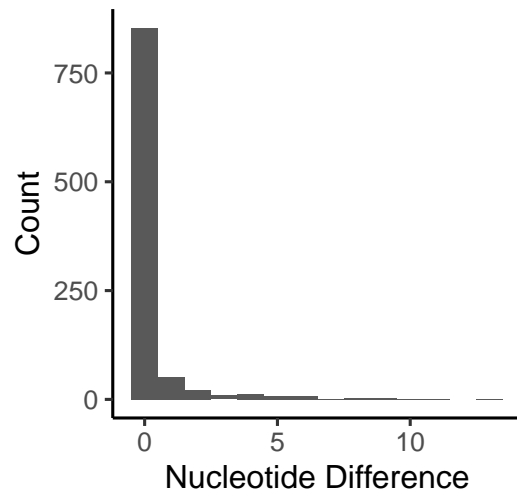
IGKV3-11*01

2184 sequences assigned
1884 (86.3%) exact matches, in which:
1329 unique CDR3
5 unique J



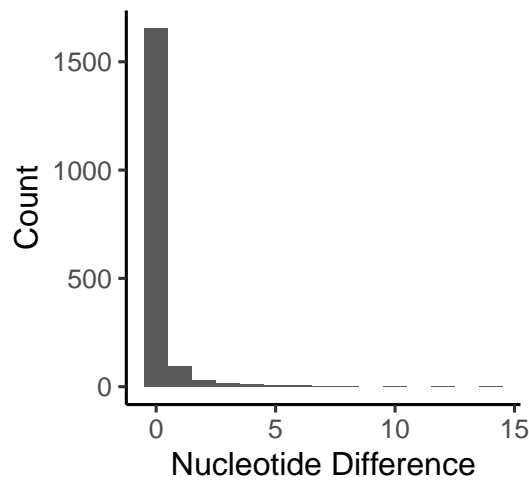
IGKV3–15*01

972 sequences assigned
854 (87.9%) exact matches, in which:
648 unique CDR3
5 unique J



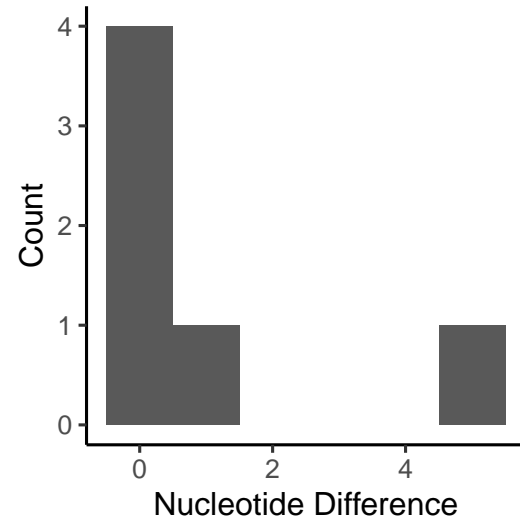
IGKV4–1*01

1829 sequences assigned
1654 (90.4%) exact matches, in which:
986 unique CDR3
5 unique J



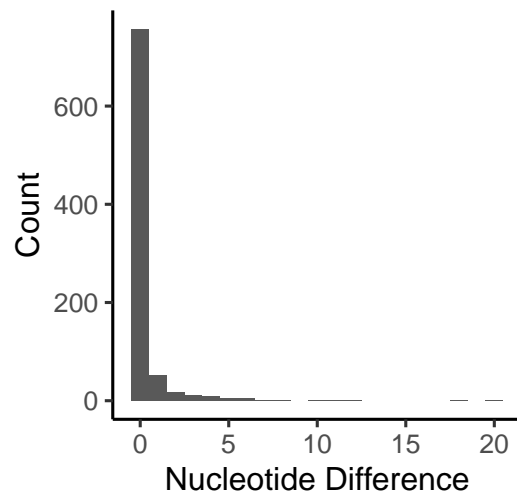
IGKV3D–7*01

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



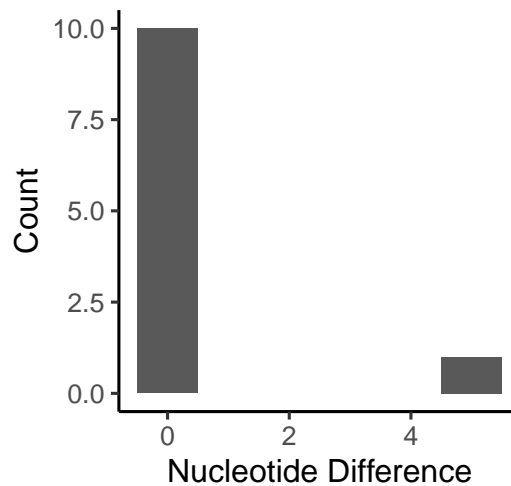
IGKV3–15*01_C141G

869 sequences assigned
757 (87.1%) exact matches, in which:
598 unique CDR3
5 unique J



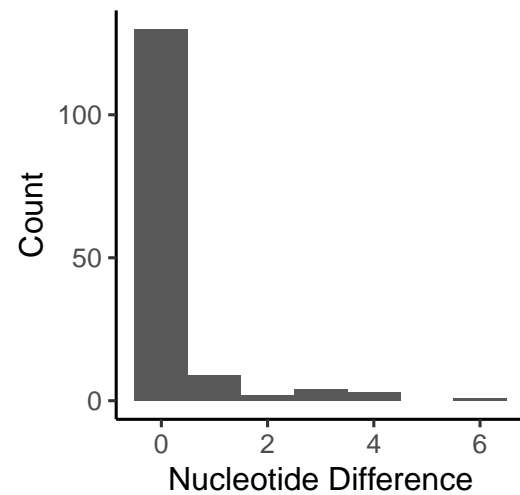
IGKV5–2*01

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



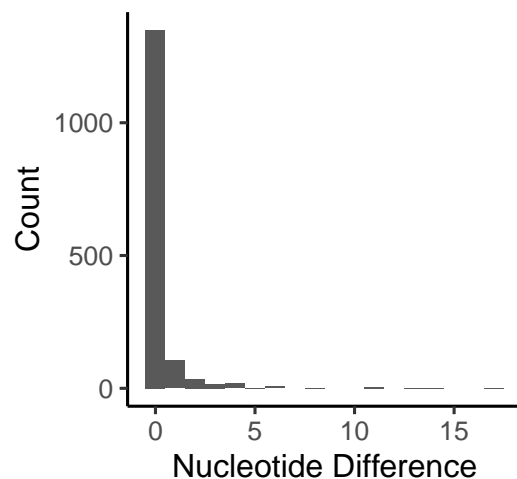
IGKV1D–8*01

149 sequences assigned
130 (87.2%) exact matches, in which:
87 unique CDR3
5 unique J



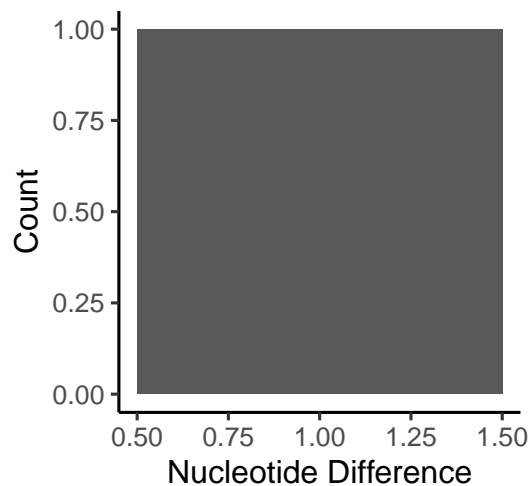
IGKV3–20*01

1540 sequences assigned
1349 (87.6%) exact matches, in which:
977 unique CDR3
5 unique J



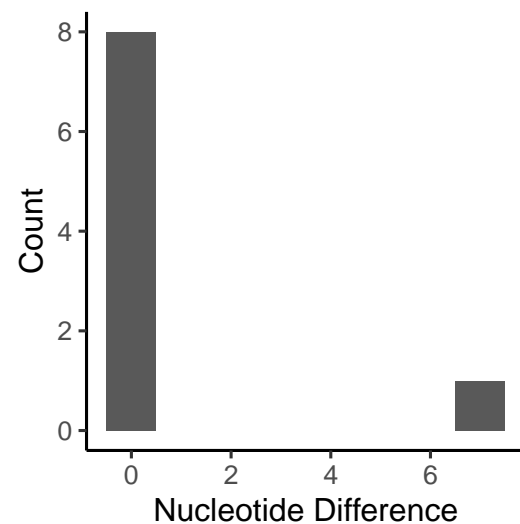
IGKV7–3*01

1 sequences assigned
No exact matches.



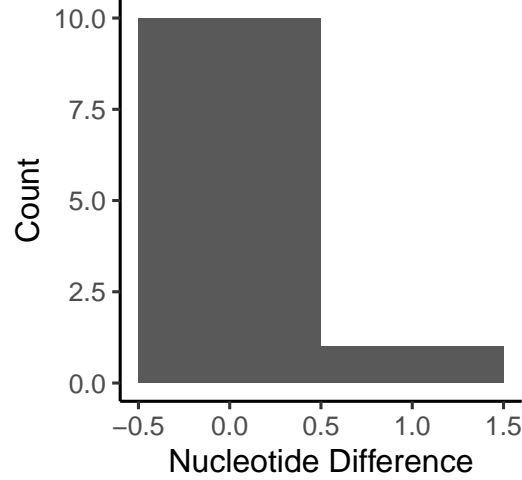
IGKV3D–11*01

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



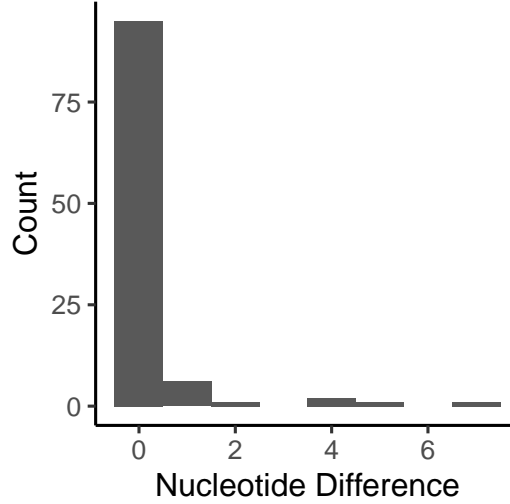
IGKV3D-11*02

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



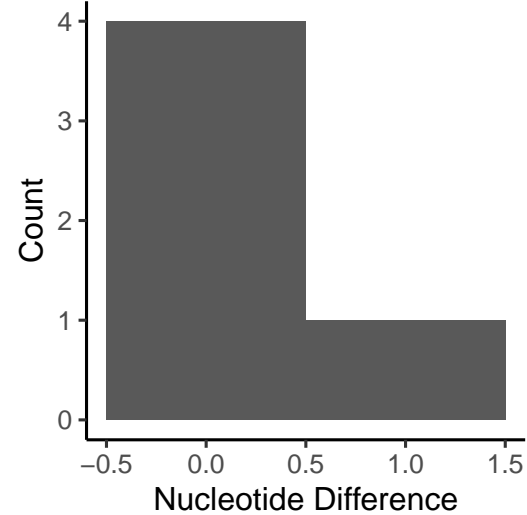
IGKV3D-20*01

106 sequences assigned
95 (89.6%) exact matches, in which:
82 unique CDR3
5 unique J



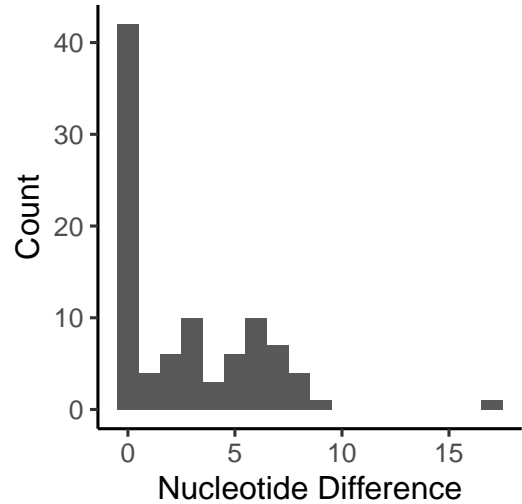
IGKV2D-26*03

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



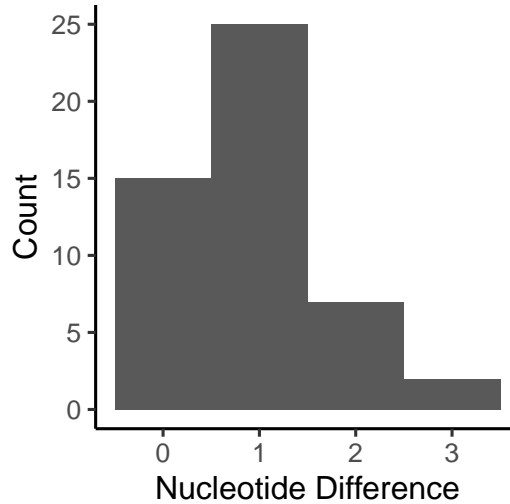
IGKV3D-15*01

94 sequences assigned
42 (44.7%) exact matches, in which:
40 unique CDR3
5 unique J



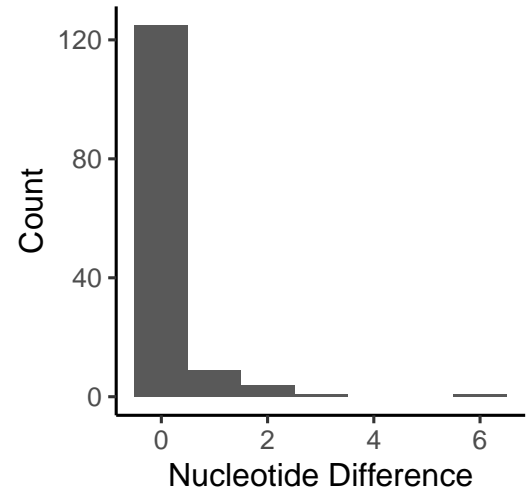
IGKV3D-20*02_C26G_A1

49 sequences assigned
15 (30.6%) exact matches, in which:
15 unique CDR3
3 unique J



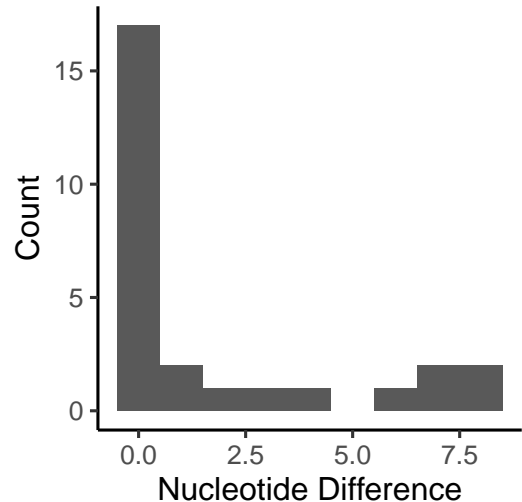
IGKV2D-29*01

140 sequences assigned
125 (89.3%) exact matches, in which:
104 unique CDR3
5 unique J



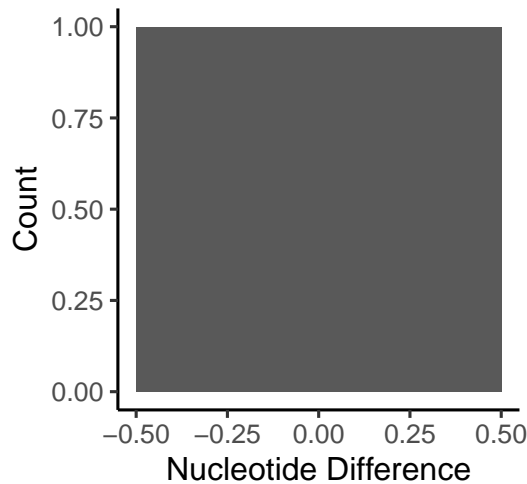
IGKV1D-16*01

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



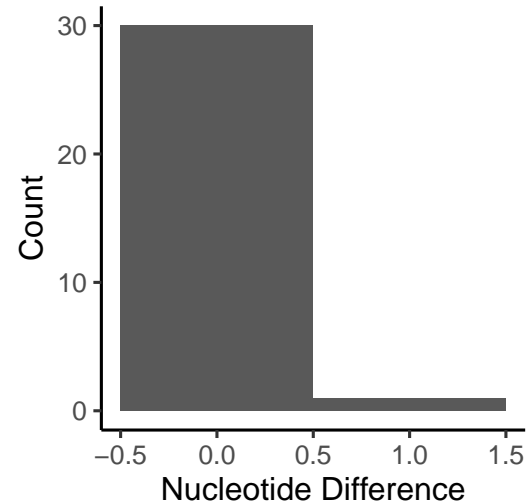
IGKV2D-24*01

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



IGKV2D-30*01

31 sequences assigned
30 (96.8%) exact matches, in which:
29 unique CDR3
5 unique J



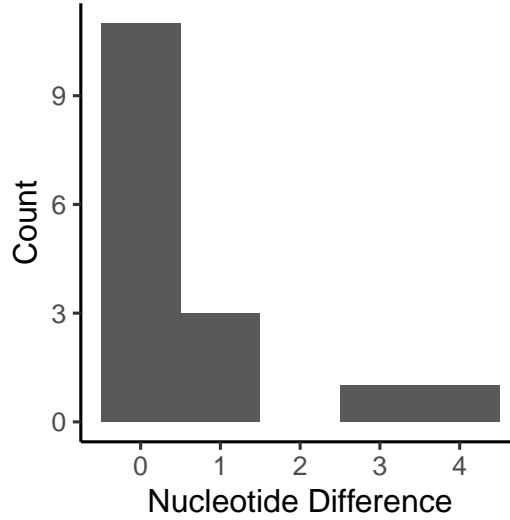
IGKV6D-41*01

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



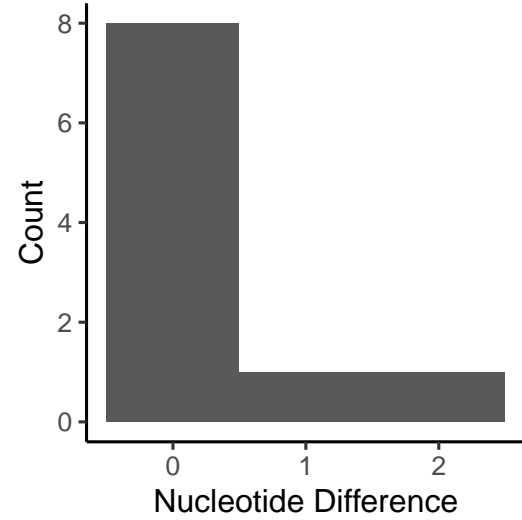
IGKV1E-12*02

16 sequences assigned
11 (68.8%) exact matches, in which:
10 unique CDR3
5 unique J



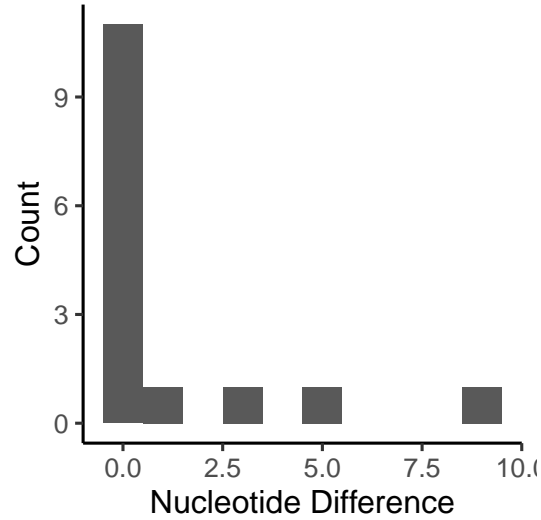
IGKV1E-13*03

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



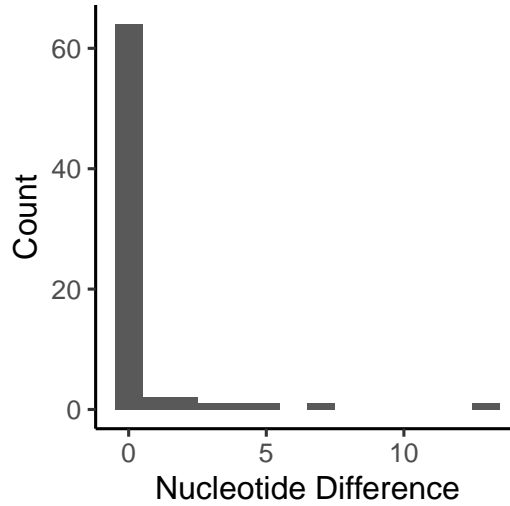
IGKV1D-43*01

15 sequences assigned
11 (73.3%) exact matches, in which:
10 unique CDR3
5 unique J



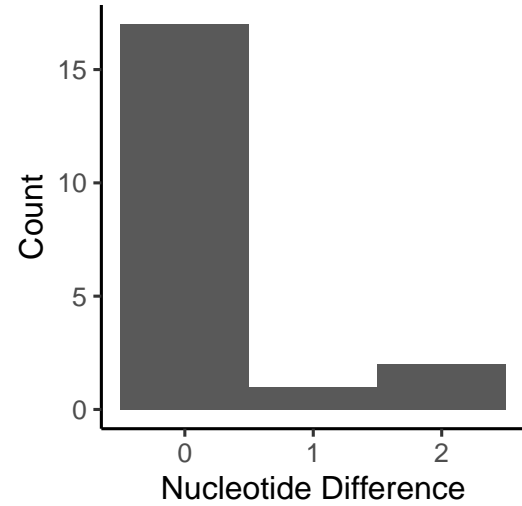
IGKV1E-12*03

73 sequences assigned
64 (87.7%) exact matches, in which:
51 unique CDR3
5 unique J



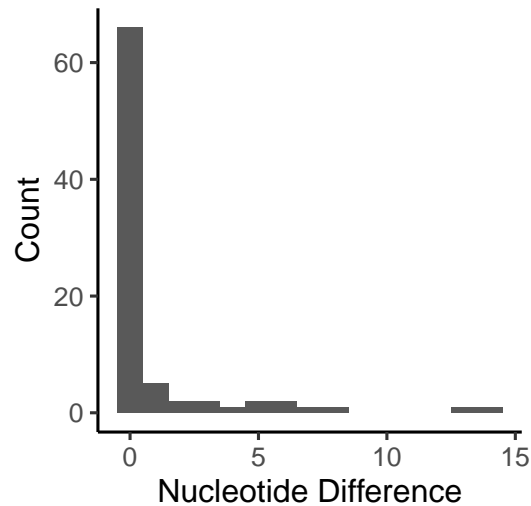
IGKV6E-21*01

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



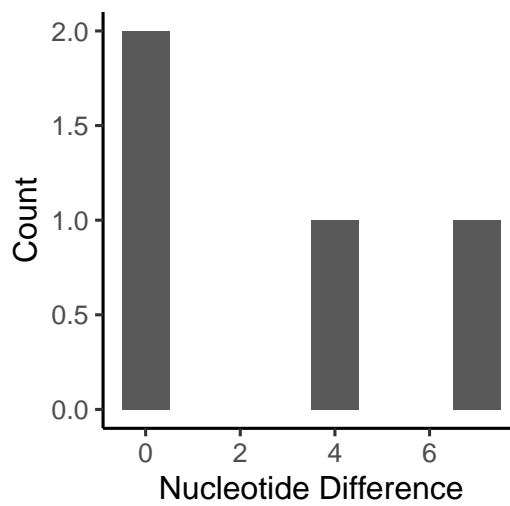
IGKV1E-12*01

84 sequences assigned
66 (78.6%) exact matches, in which:
44 unique CDR3
5 unique J



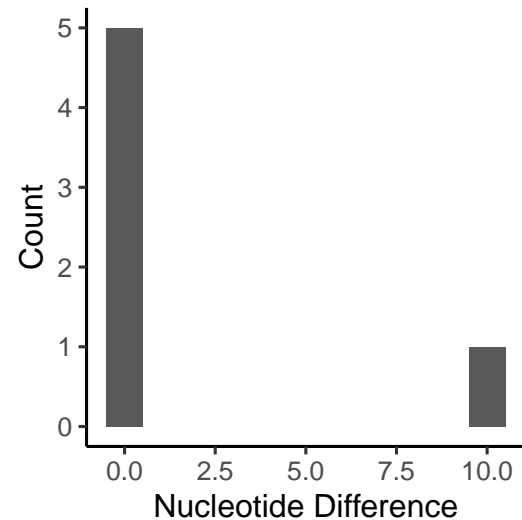
IGKV1E-13*02

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



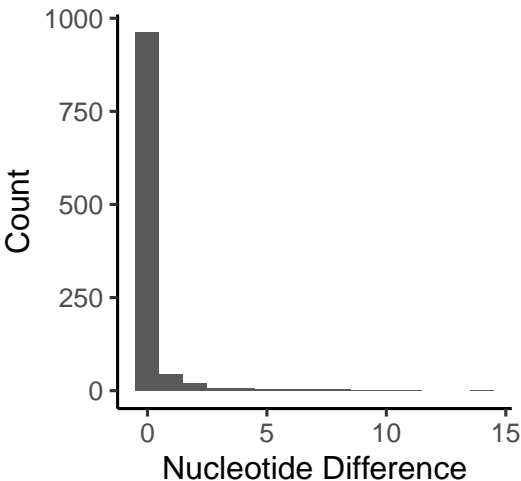
IGKV6E-21*03

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



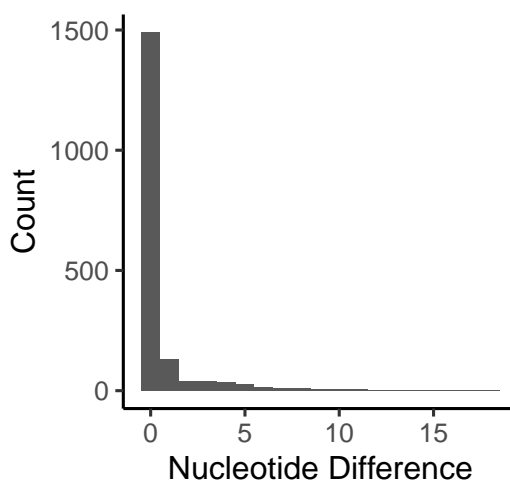
IGKV2E-28*01

1059 sequences assigned
962 (90.8%) exact matches, in which:
689 unique CDR3
5 unique J



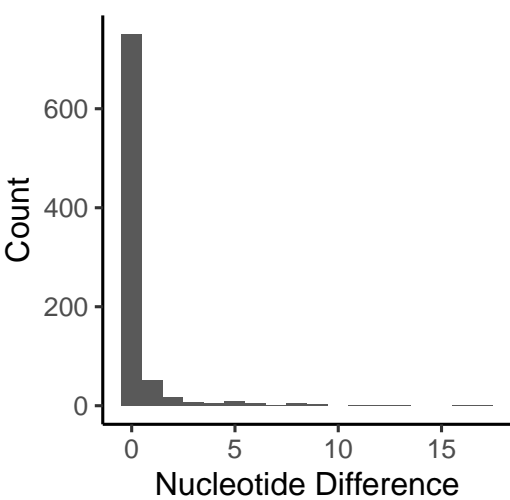
IGKV1E-39*01

1824 sequences assigned
1490 (81.7%) exact matches, in which:
942 unique CDR3
5 unique J



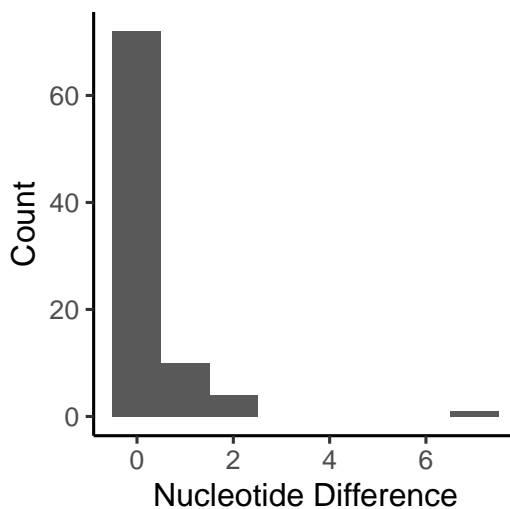
IGKV1E-33*01

862 sequences assigned
751 (87.1%) exact matches, in which:
531 unique CDR3
5 unique J



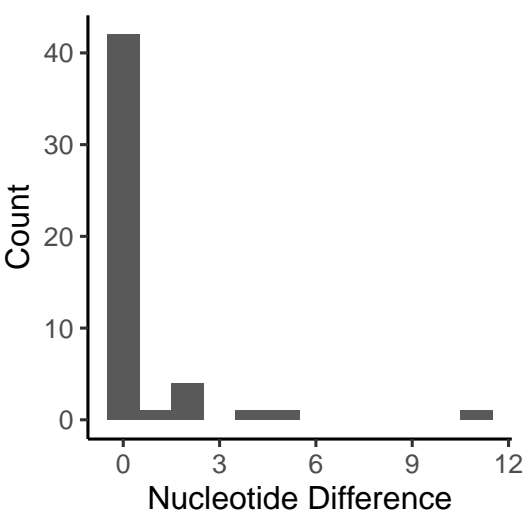
IGKV2E-40*01

87 sequences assigned
72 (82.8%) exact matches, in which:
65 unique CDR3
5 unique J



IGKV1E-37*01

50 sequences assigned
42 (84%) exact matches, in which:
39 unique CDR3
5 unique J





Warning – no inferred sequences found.