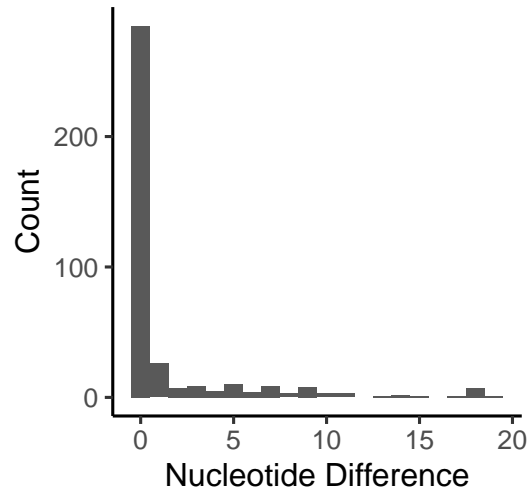


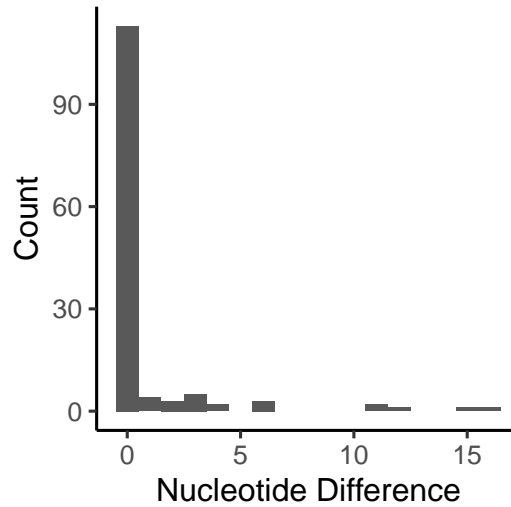
IGKV1-5*03

396 sequences assigned
285 (72%) exact matches, in which:
239 unique CDR3
5 unique J



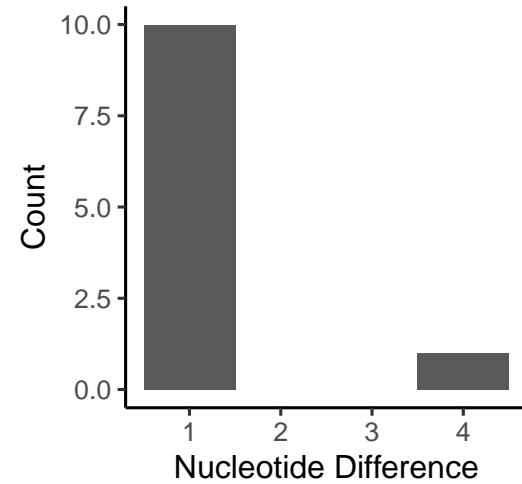
IGKV1-9*01

135 sequences assigned
113 (83.7%) exact matches, in which:
105 unique CDR3
5 unique J



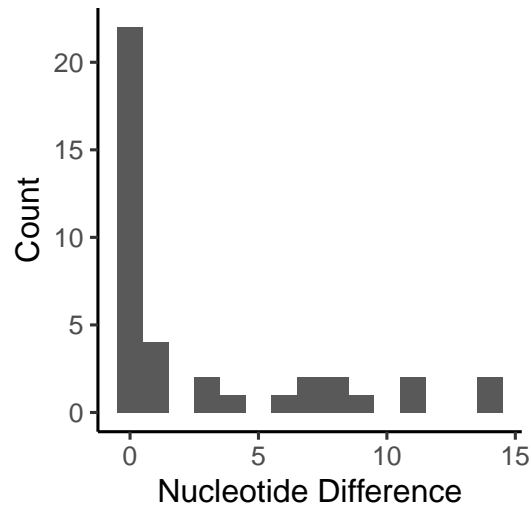
IGKV1-17*03

11 sequences assigned
No exact matches.



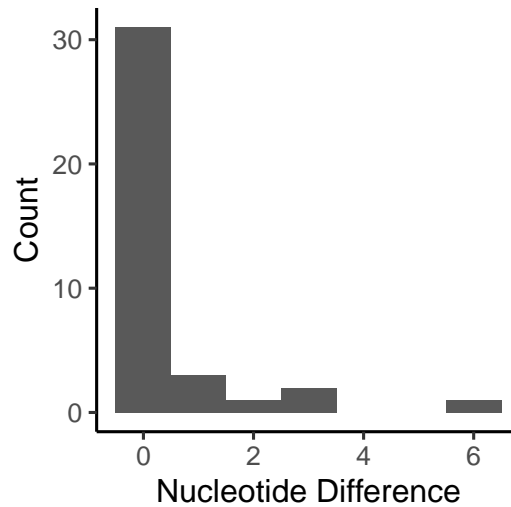
IGKV1-6*01

39 sequences assigned
22 (56.4%) exact matches, in which:
17 unique CDR3
4 unique J



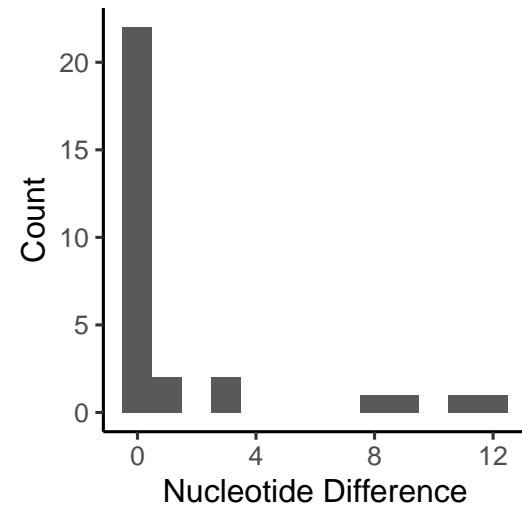
IGKV1-16*02

38 sequences assigned
31 (81.6%) exact matches, in which:
30 unique CDR3
5 unique J



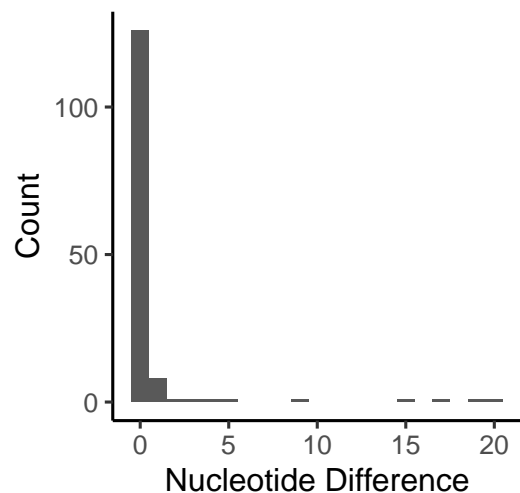
IGKV1-27*01

30 sequences assigned
22 (73.3%) exact matches, in which:
21 unique CDR3
4 unique J



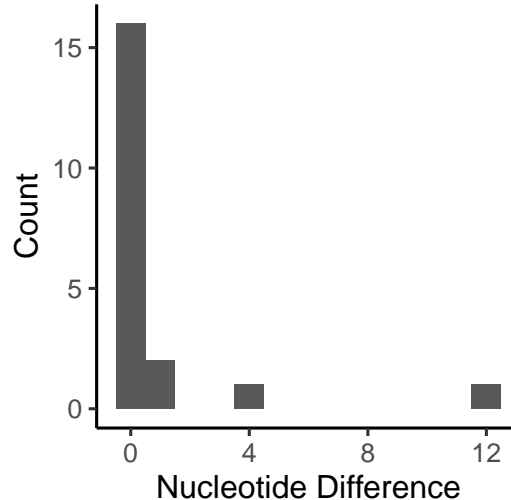
IGKV1-8*01

144 sequences assigned
126 (87.5%) exact matches, in which:
96 unique CDR3
5 unique J



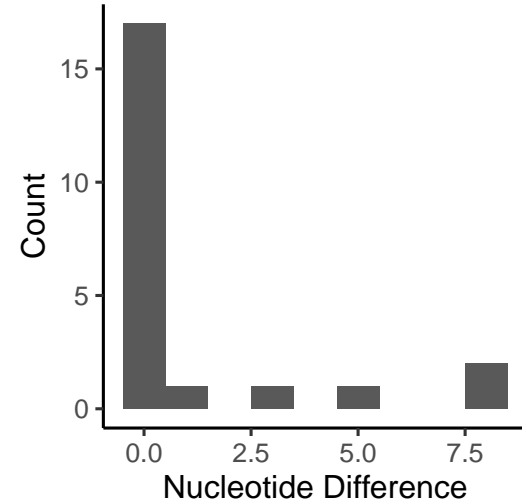
IGKV1-17*01

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



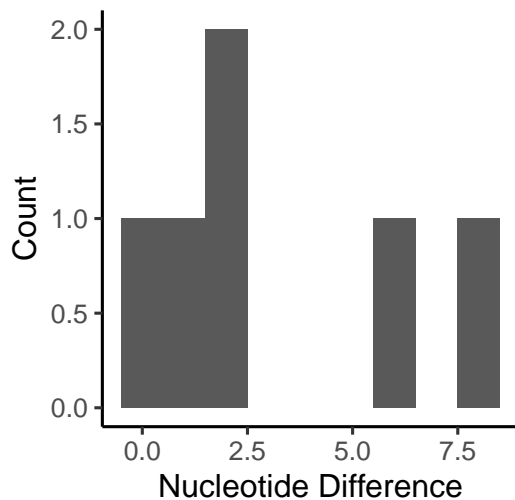
IGKV1-27*01_T231C

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



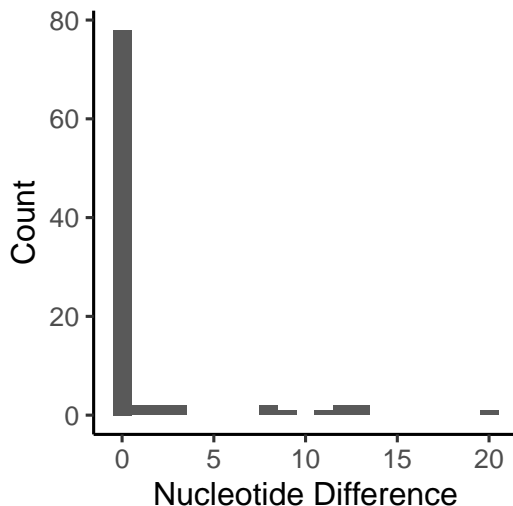
IGKV2-OR22-4*01

6 sequences assigned
1 (16.7%) exact matches, in which:
1 unique CDR3
1 unique J



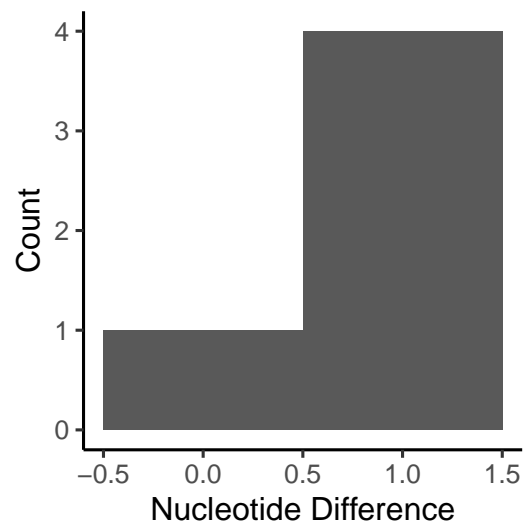
IGKV2-29*02

94 sequences assigned
78 (83%) exact matches, in which:
73 unique CDR3
5 unique J



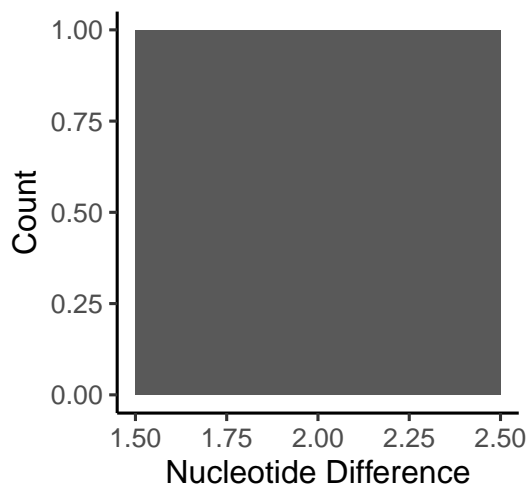
IGKV3-7*04

5 sequences assigned
1 (20%) exact matches, in which:
1 unique CDR3
1 unique J



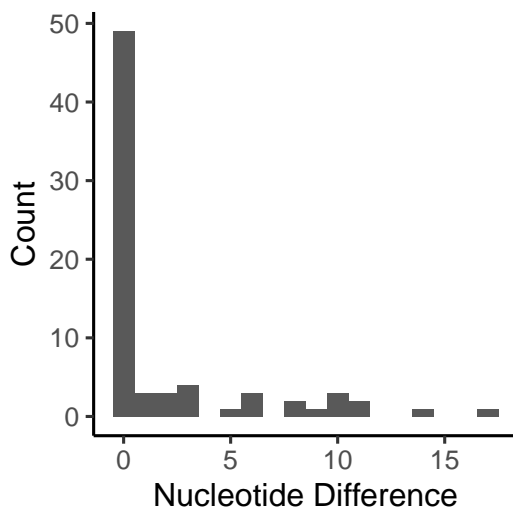
IGKV2-18*01

1 sequences assigned
No exact matches.



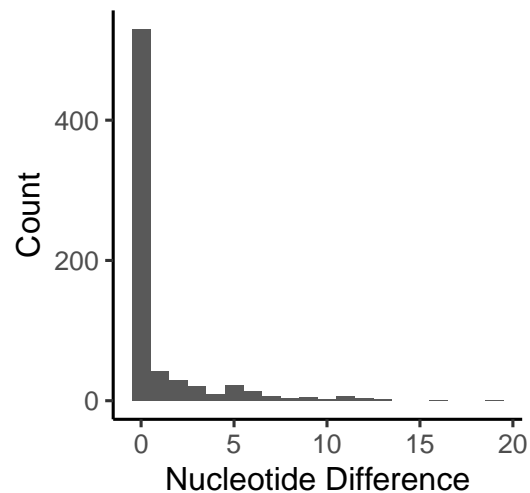
IGKV2-30*01

73 sequences assigned
49 (67.1%) exact matches, in which:
47 unique CDR3
5 unique J



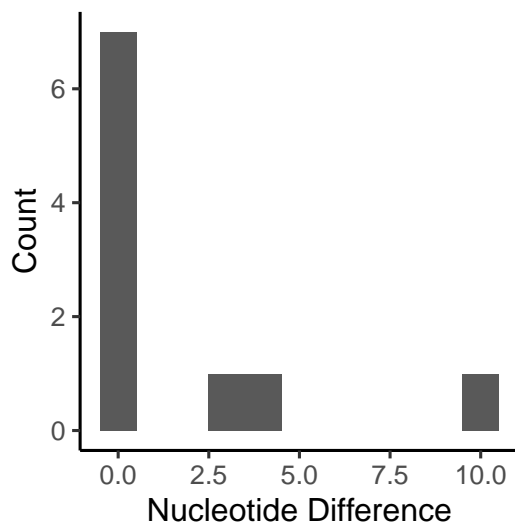
IGKV3-11*01

699 sequences assigned
530 (75.8%) exact matches, in which:
451 unique CDR3
5 unique J



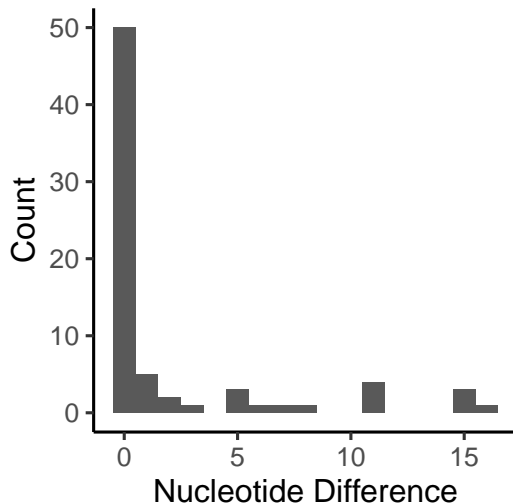
IGKV2-24*01

10 sequences assigned
7 (70%) exact matches, in which:
7 unique CDR3
4 unique J



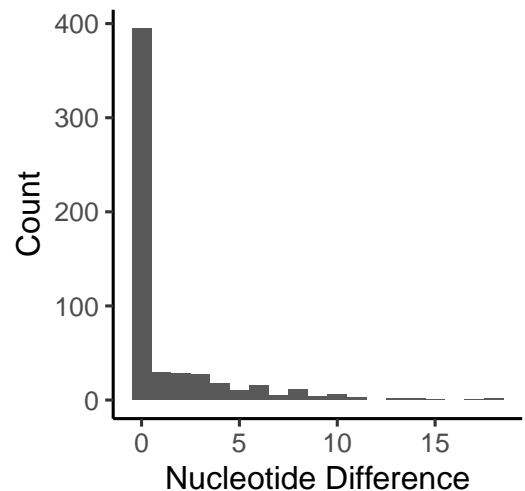
IGKV2-30*02

72 sequences assigned
50 (69.4%) exact matches, in which:
48 unique CDR3
5 unique J



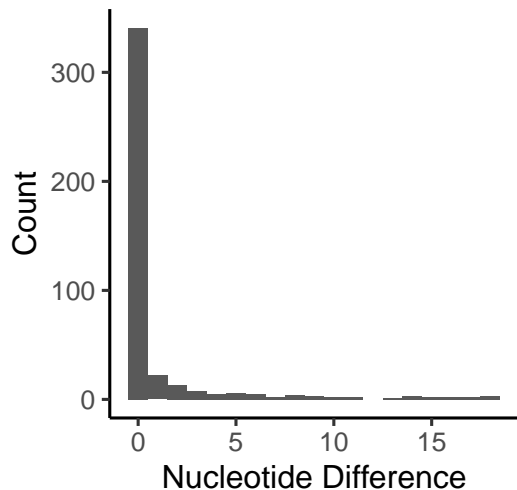
IGKV3-15*01

563 sequences assigned
395 (70.2%) exact matches, in which:
351 unique CDR3
5 unique J



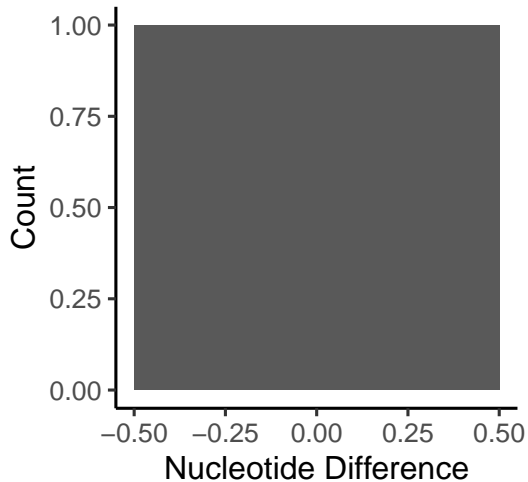
IGKV3–20*01

430 sequences assigned
341 (79.3%) exact matches, in which:
311 unique CDR3
5 unique J



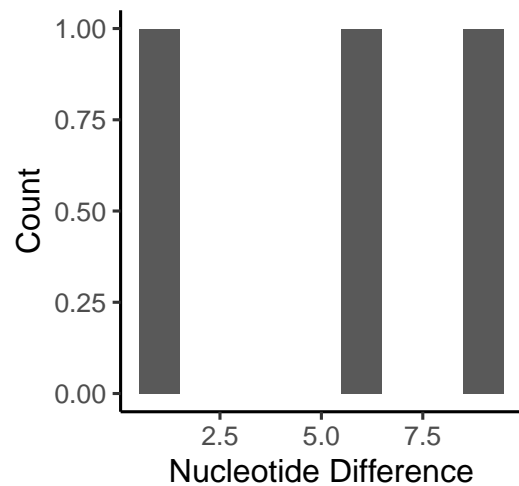
IGKV7–3*01

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



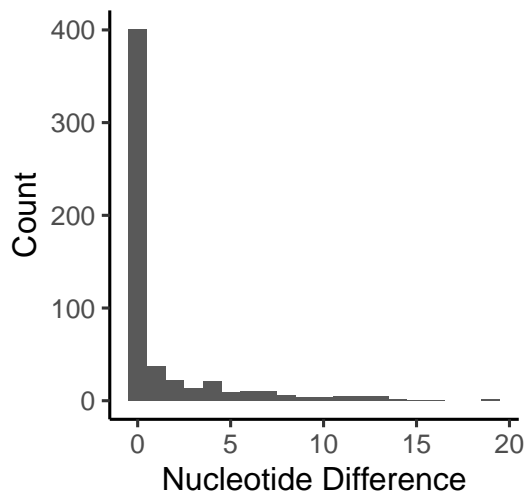
IGKV3D–15*01

4 sequences assigned
No exact matches.



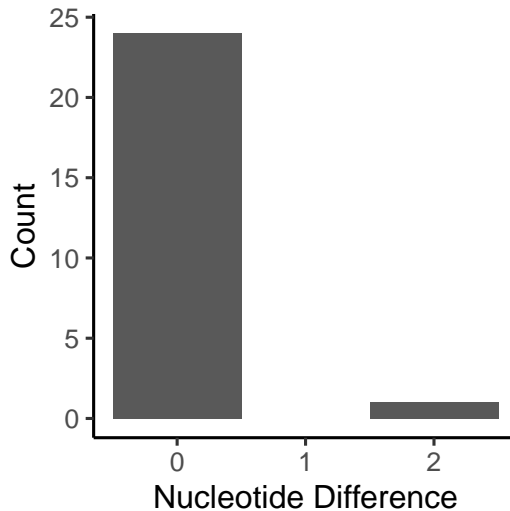
IGKV4–1*01

561 sequences assigned
401 (71.5%) exact matches, in which:
320 unique CDR3
5 unique J



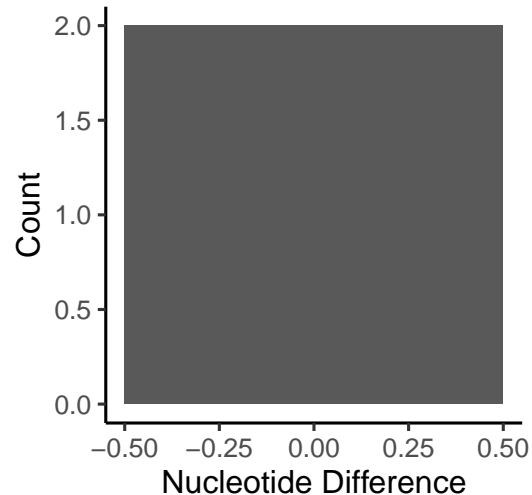
IGKV1D–8*01

25 sequences assigned
24 (96%) exact matches, in which:
20 unique CDR3
4 unique J



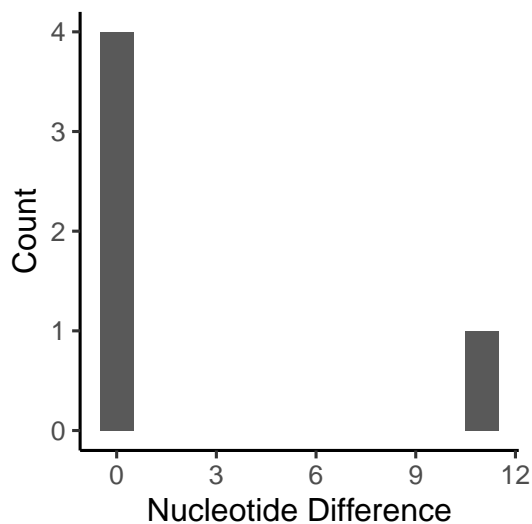
IGKV1D–16*01

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



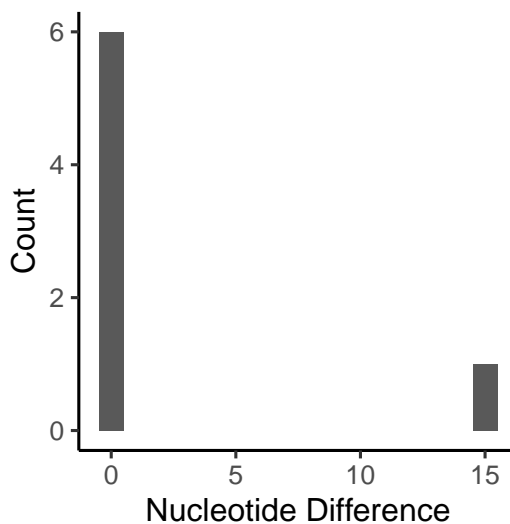
IGKV5–2*01

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



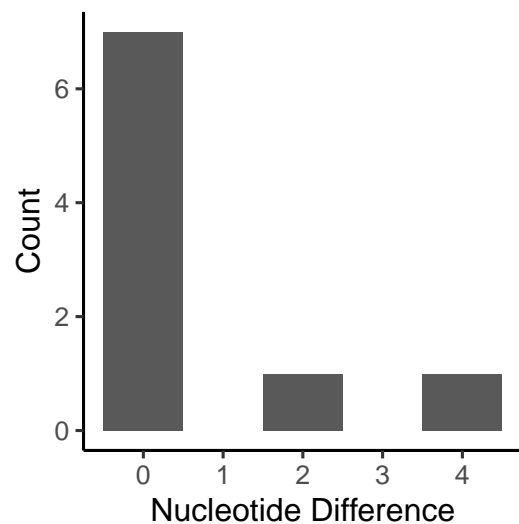
IGKV3D–11*02

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



IGKV3D–20*01

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



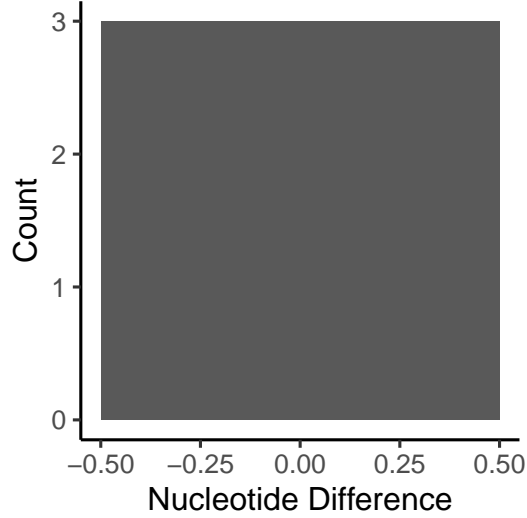
IGKV2D–24*01

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



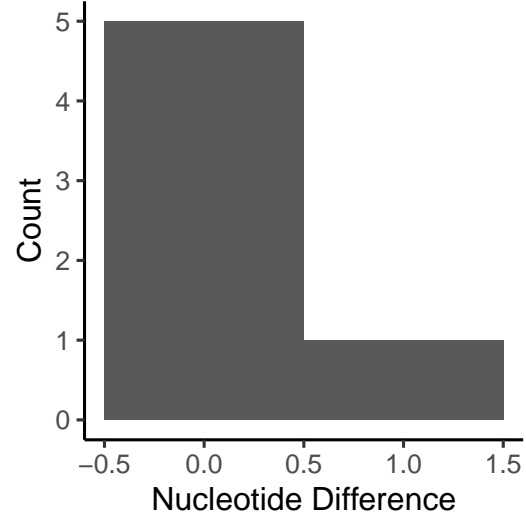
IGKV2D–30*01

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



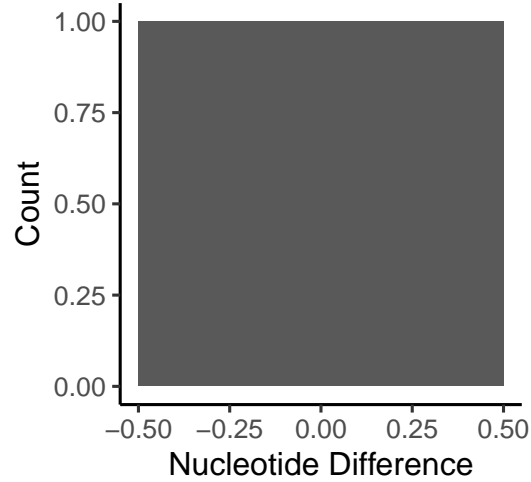
IGKV1E–12*02

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



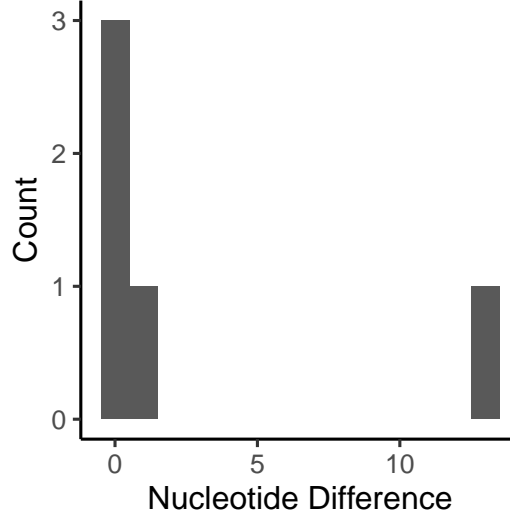
IGKV2D–26*03

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



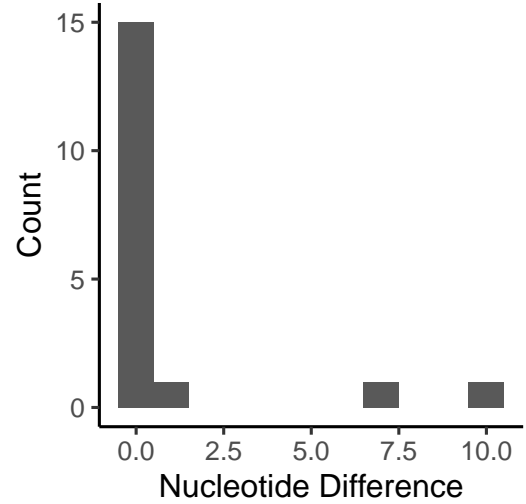
IGKV1D–43*01

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



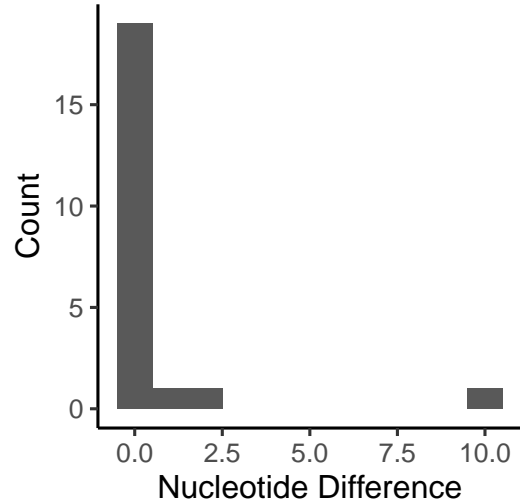
IGKV1E–12*03

18 sequences assigned
15 (83.3%) exact matches, in which:
13 unique CDR3
4 unique J



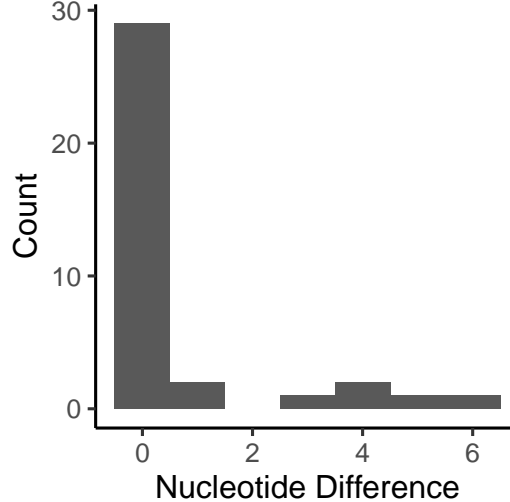
IGKV2D–29*01

22 sequences assigned
19 (86.4%) exact matches, in which:
19 unique CDR3
5 unique J



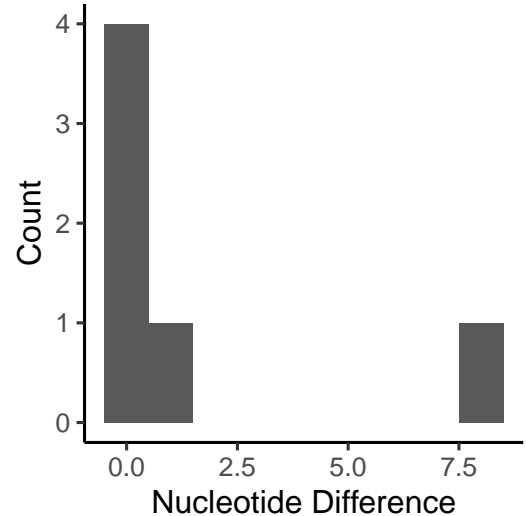
IGKV1E–12*01

36 sequences assigned
29 (80.6%) exact matches, in which:
21 unique CDR3
5 unique J



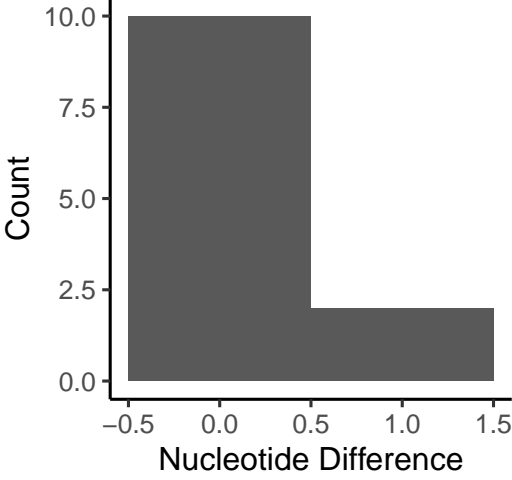
IGKV1E–13*03

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



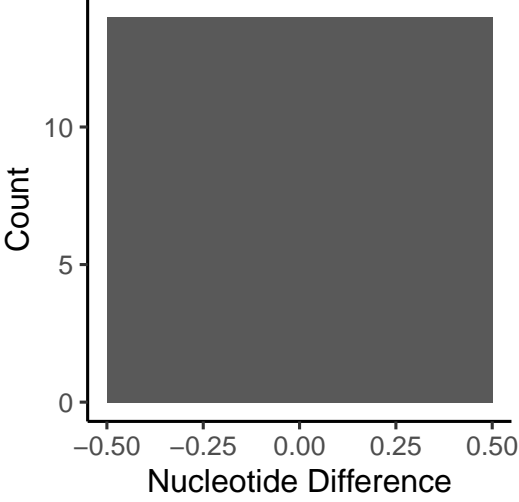
IGKV6E-21*02

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



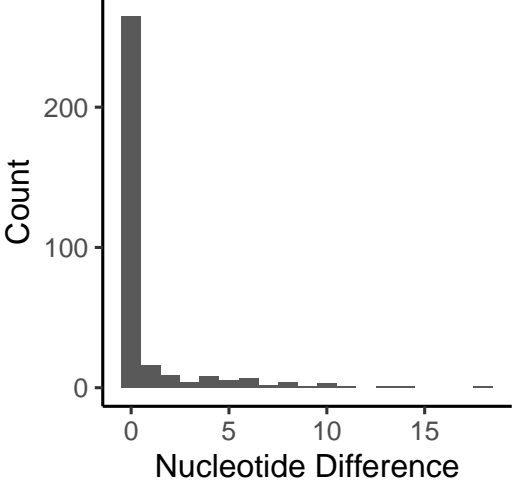
IGKV1E-37*01

14 sequences assigned
14 (100%) exact matches, in which:
14 unique CDR3
5 unique J



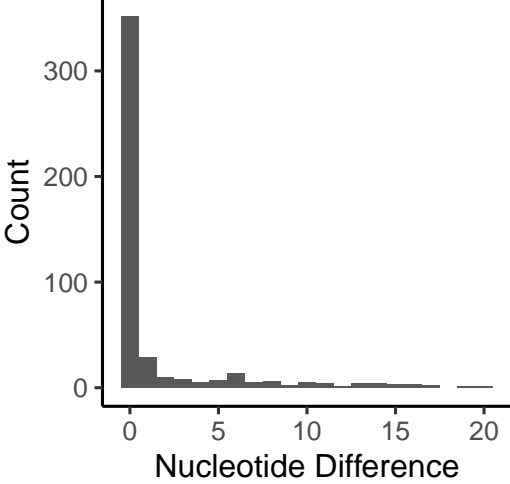
IGKV2E-28*01

330 sequences assigned
265 (80.3%) exact matches, in which:
235 unique CDR3
5 unique J



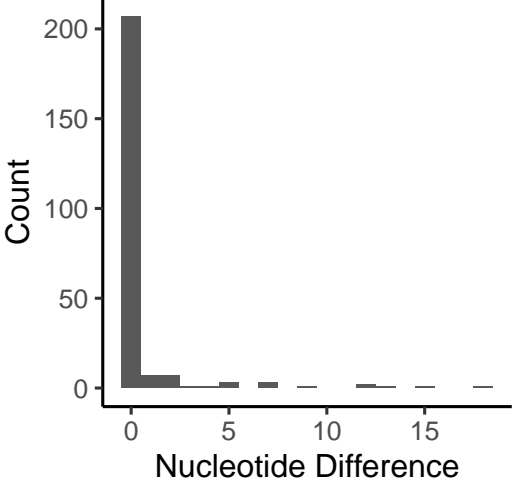
IGKV1E-39*01

473 sequences assigned
352 (74.4%) exact matches, in which:
272 unique CDR3
5 unique J



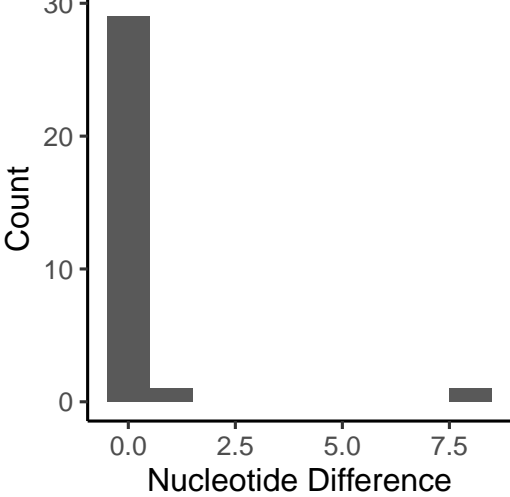
IGKV1E-33*01

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



IGKV2E-40*01

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





Warning – no inferred sequences found.