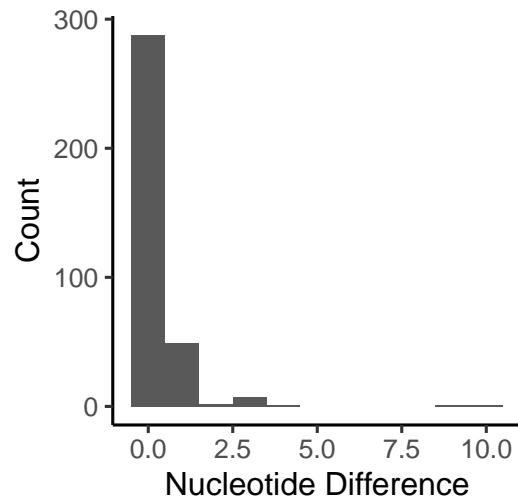


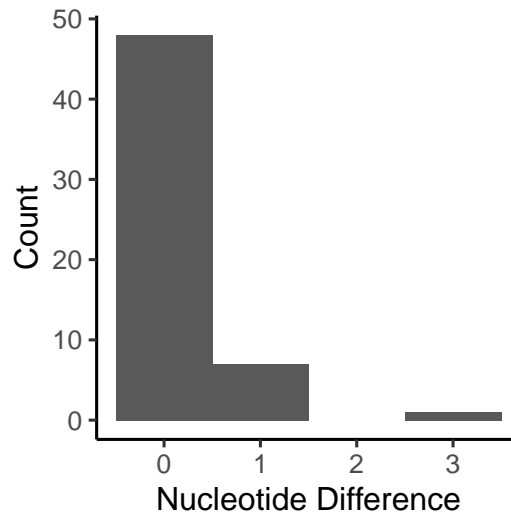
IGKV1–5*03

349 sequences assigned
288 (82.5%) exact matches, in which:
248 unique CDR3
5 unique J



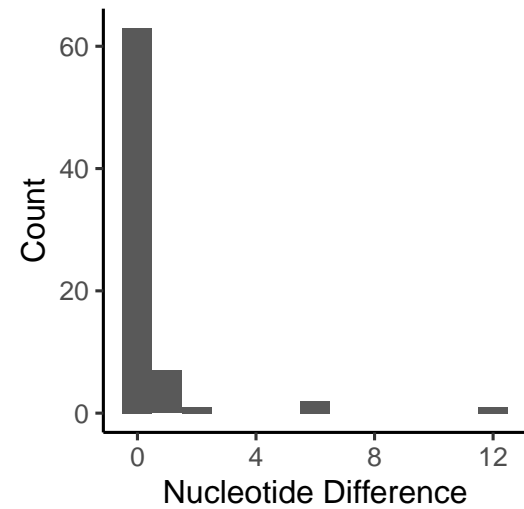
IGKV1–9*01

56 sequences assigned
48 (85.7%) exact matches, in which:
44 unique CDR3
5 unique J



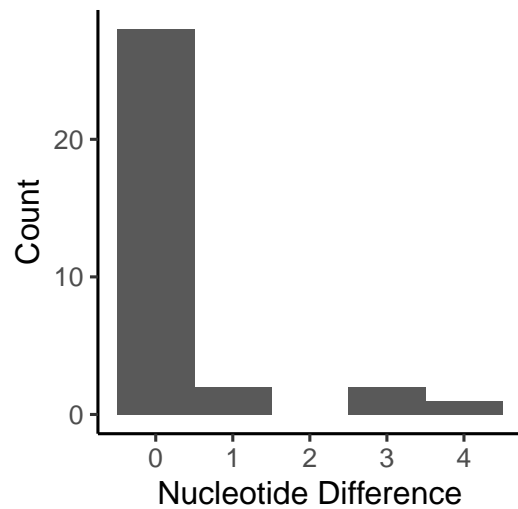
IGKV1–27*01

74 sequences assigned
63 (85.1%) exact matches, in which:
56 unique CDR3
5 unique J



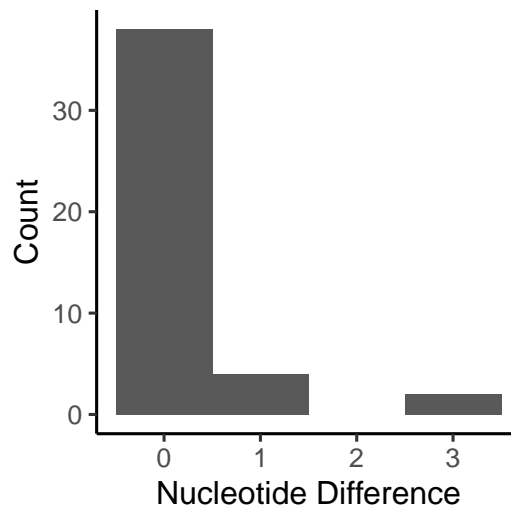
IGKV1–6*01

33 sequences assigned
28 (84.8%) exact matches, in which:
23 unique CDR3
5 unique J



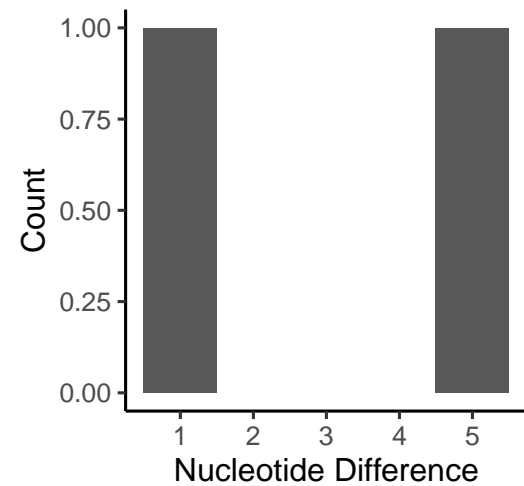
IGKV1–16*02

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



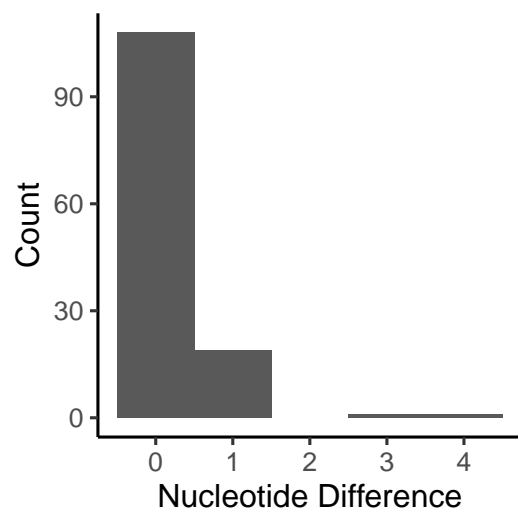
IGKV2/OR22–4*01

2 sequences assigned
No exact matches.



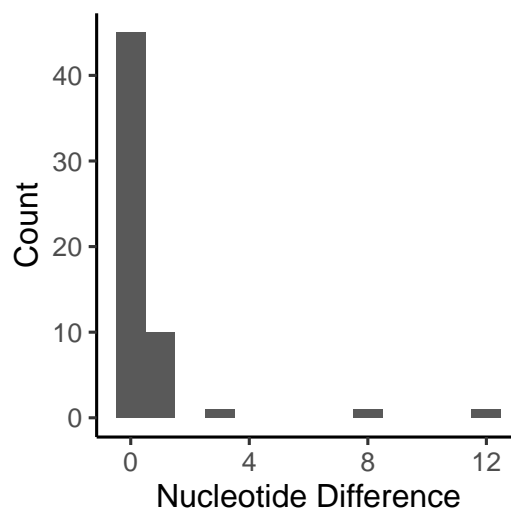
IGKV1–8*01

129 sequences assigned
108 (83.7%) exact matches, in which:
91 unique CDR3
5 unique J



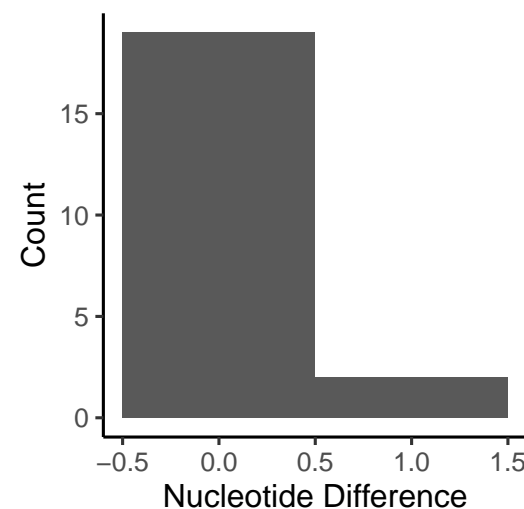
IGKV1–17*01

58 sequences assigned
45 (77.6%) exact matches, in which:
41 unique CDR3
5 unique J



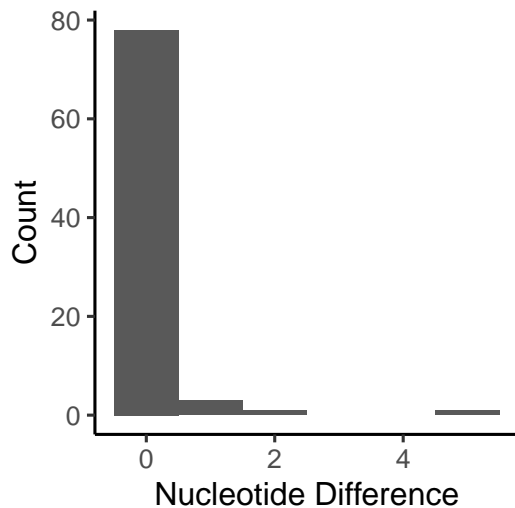
IGKV2–24*01

21 sequences assigned
19 (90.5%) exact matches, in which:
16 unique CDR3
5 unique J



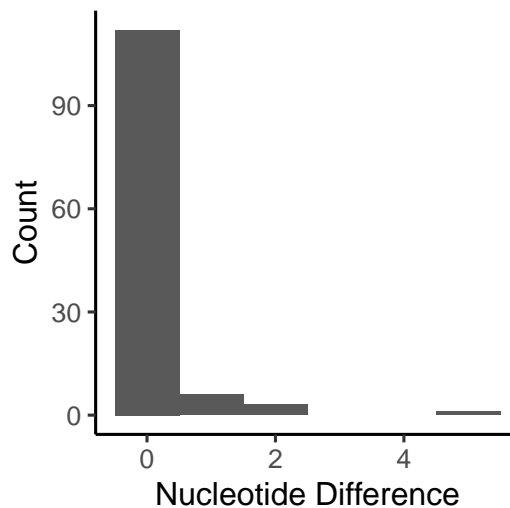
IGKV2–30*01

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



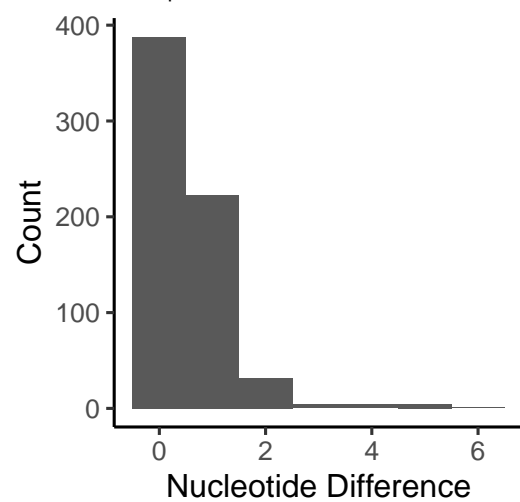
IGKV3–11*01_A223C

122 sequences assigned
112 (91.8%) exact matches, in which:
108 unique CDR3
5 unique J



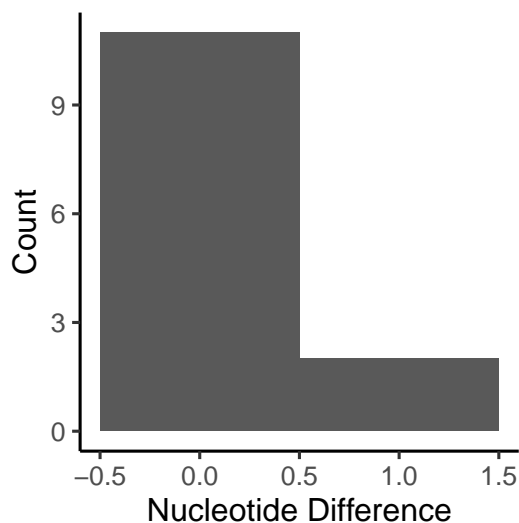
IGKV3–20*01

657 sequences assigned
388 (59.1%) exact matches, in which:
338 unique CDR3
5 unique J



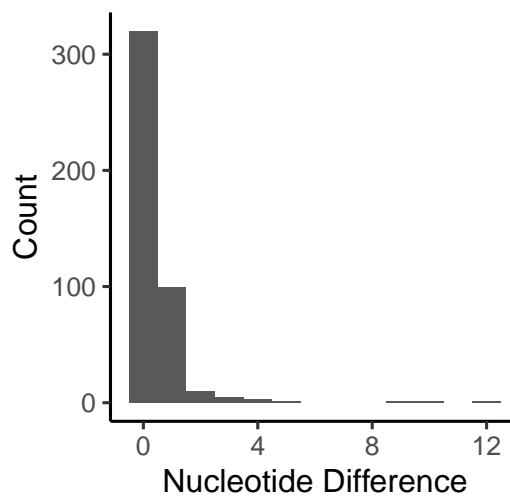
IGKV3–7*04

13 sequences assigned
11 (84.6%) exact matches, in which:
11 unique CDR3
4 unique J



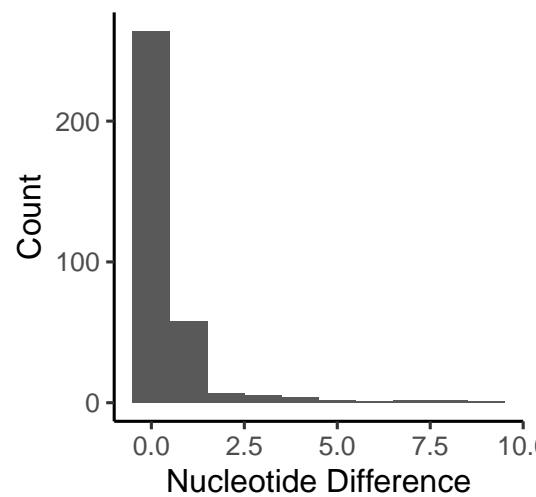
IGKV3–15*01

441 sequences assigned
320 (72.6%) exact matches, in which:
270 unique CDR3
5 unique J



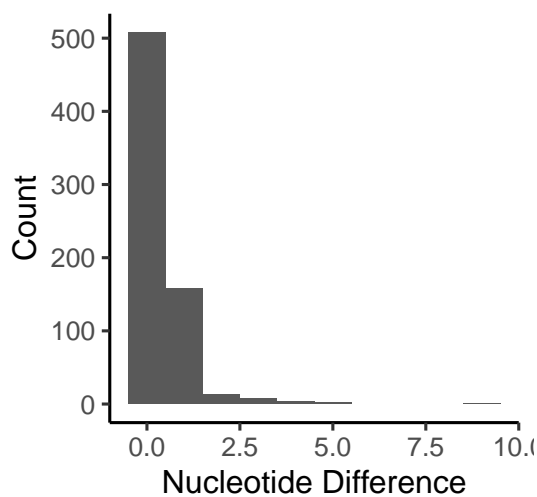
IGKV4–1*01

346 sequences assigned
264 (76.3%) exact matches, in which:
219 unique CDR3
5 unique J



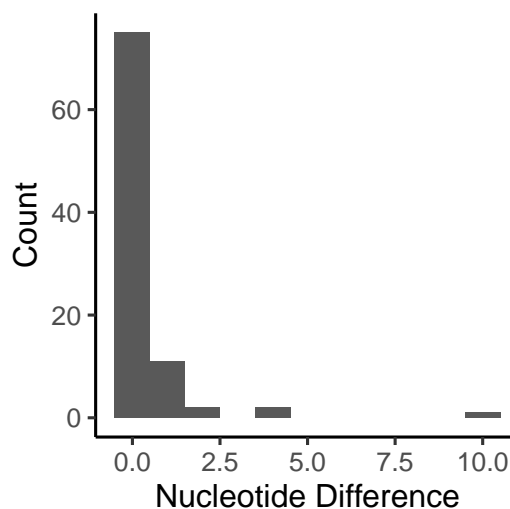
IGKV3–11*01

693 sequences assigned
508 (73.3%) exact matches, in which:
436 unique CDR3
5 unique J



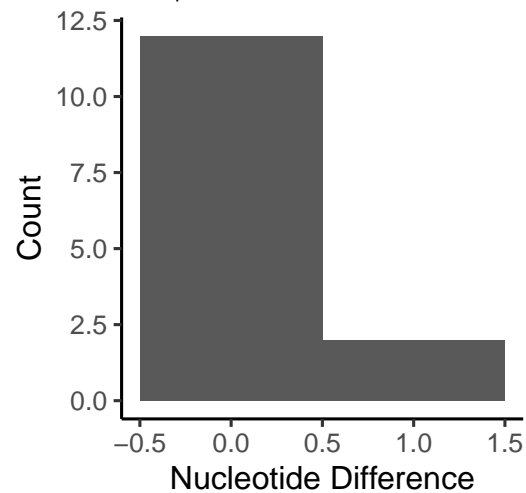
IGKV3–15*01_A223C

91 sequences assigned
75 (82.4%) exact matches, in which:
73 unique CDR3
5 unique J



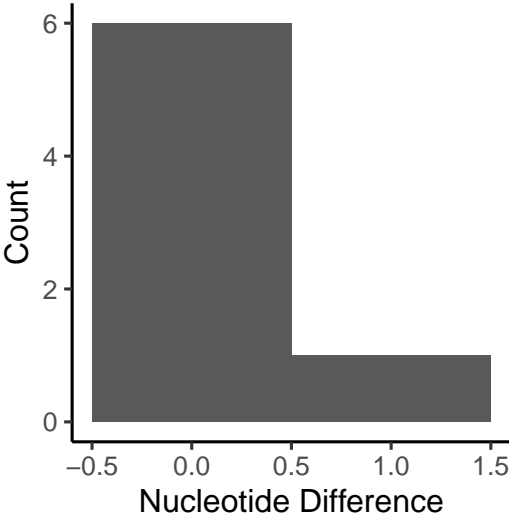
IGKV5–2*01

14 sequences assigned
12 (85.7%) exact matches, in which:
12 unique CDR3
5 unique J



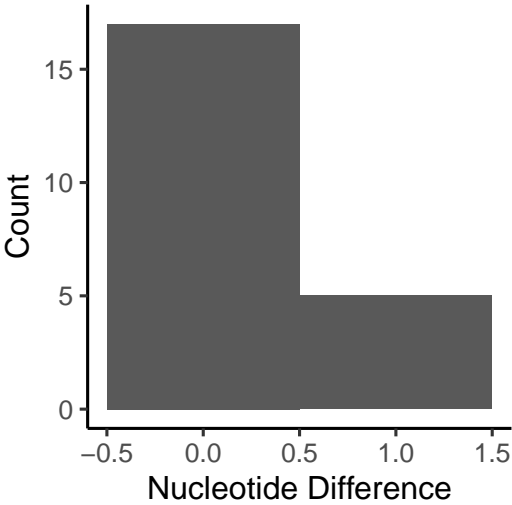
IGKV3D-7*01

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



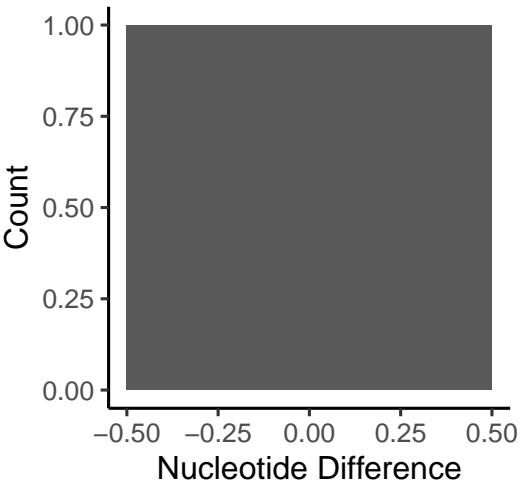
IGKV3D-15*01

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



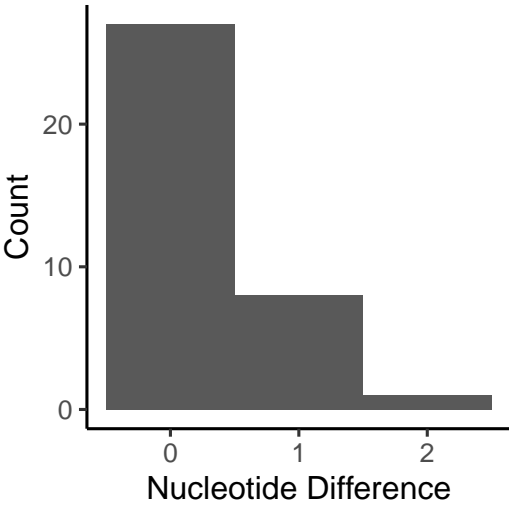
IGKV2D-24*01

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



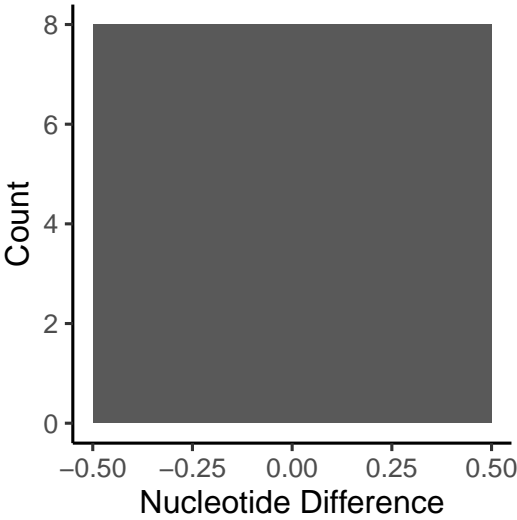
IGKV1D-8*01

36 sequences assigned
27 (75%) exact matches, in which:
25 unique CDR3
5 unique J



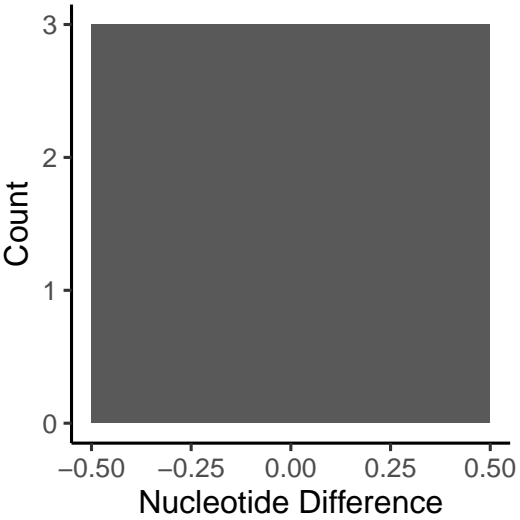
IGKV1D-16*01

8 sequences assigned
8 (100%) exact matches, in which:
8 unique CDR3
5 unique J



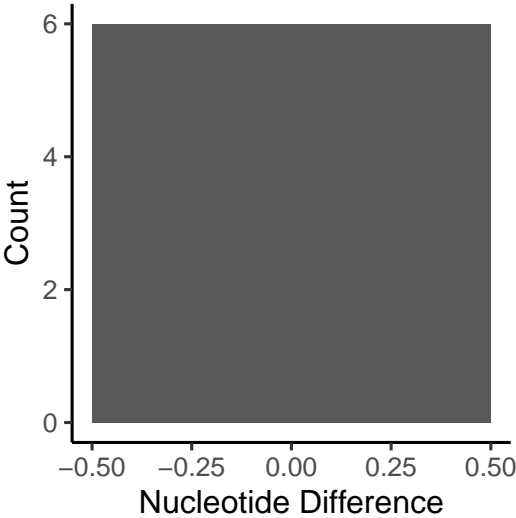
IGKV2D-26*03

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



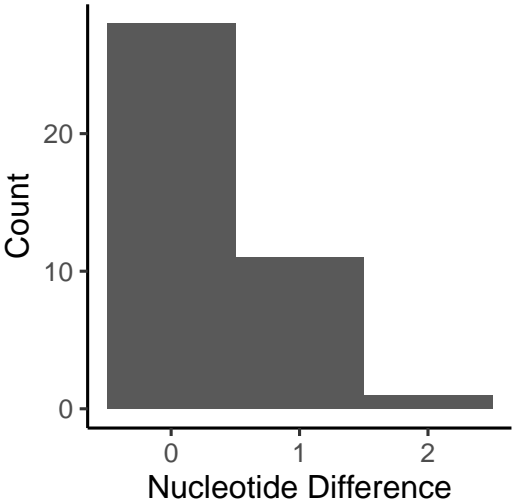
IGKV3D-11*01

6 sequences assigned
6 (100%) exact matches, in which:
6 unique CDR3
4 unique J



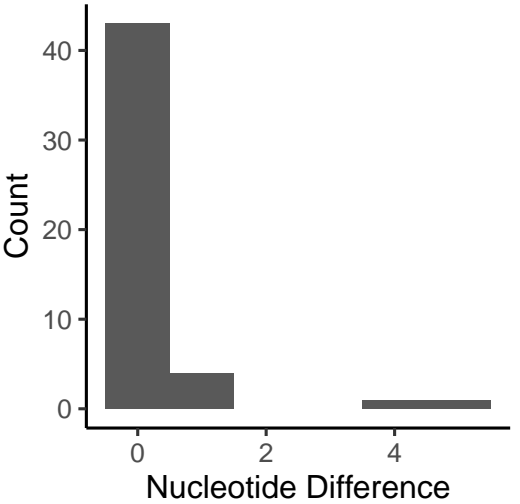
IGKV3D-20*01

40 sequences assigned
28 (70%) exact matches, in which:
25 unique CDR3
5 unique J



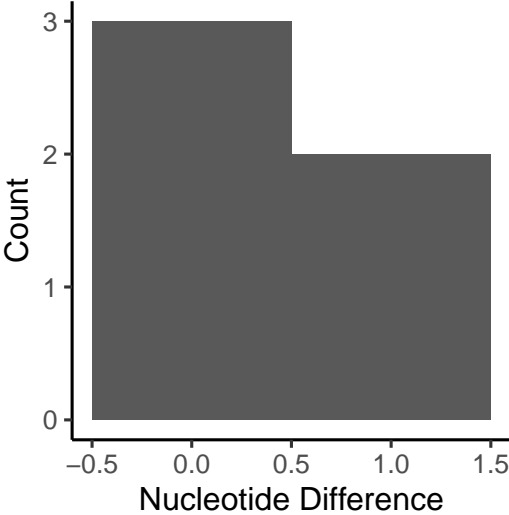
IGKV2D-29*01

49 sequences assigned
43 (87.8%) exact matches, in which:
42 unique CDR3
5 unique J



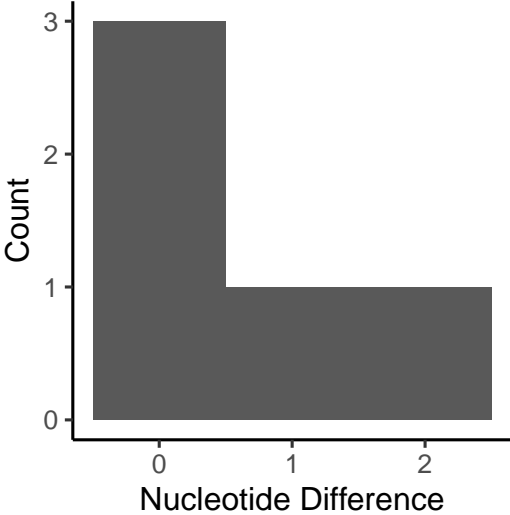
IGKV2D-30*01

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



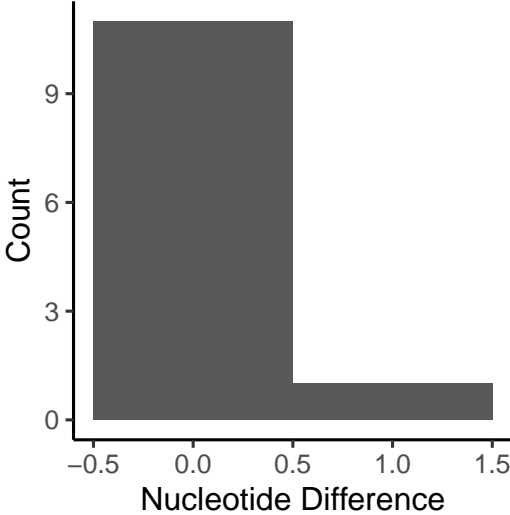
IGKV1E-12*02

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



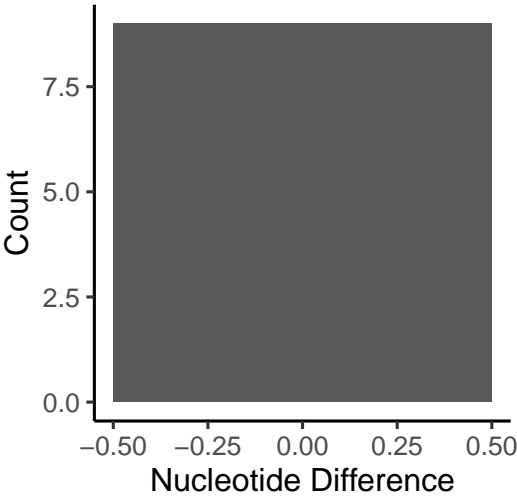
IGKV6E-21*01

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



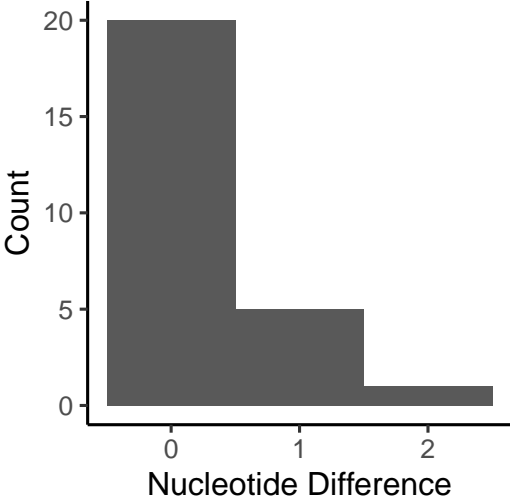
IGKV1D-43*01

9 sequences assigned
9 (100%) exact matches, in which:
9 unique CDR3
4 unique J



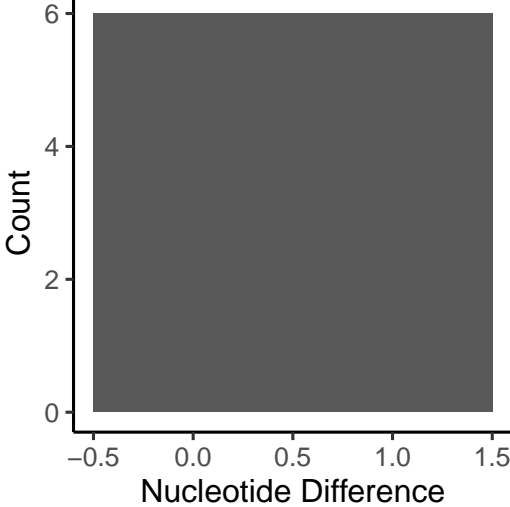
IGKV1E-12*03

26 sequences assigned
20 (76.9%) exact matches, in which:
20 unique CDR3
5 unique J



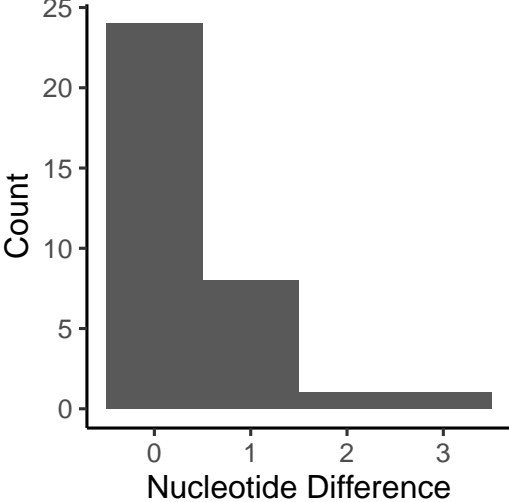
IGKV6E-21*03

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



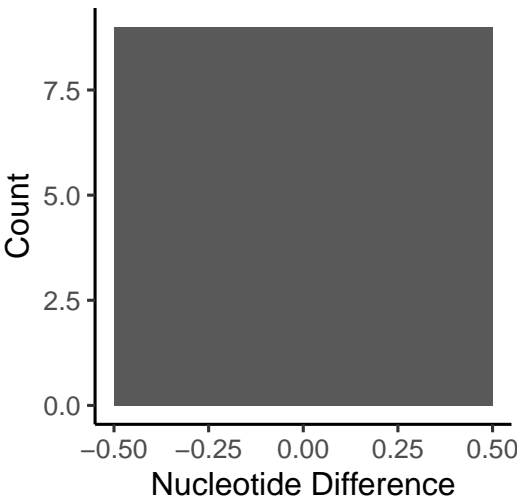
IGKV1E-12*01

34 sequences assigned
24 (70.6%) exact matches, in which:
20 unique CDR3
5 unique J



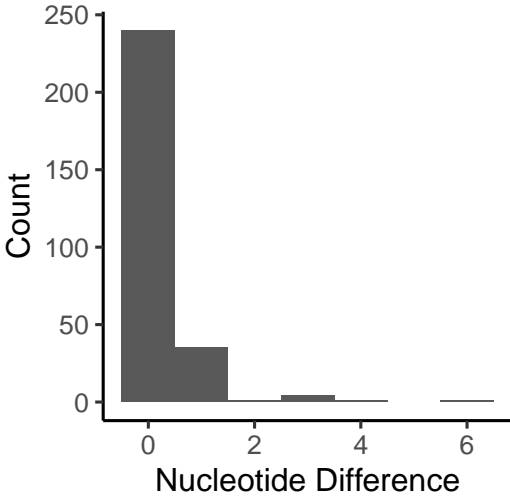
IGKV1E-13*03

9 sequences assigned
9 (100%) exact matches, in which:
9 unique CDR3
3 unique J



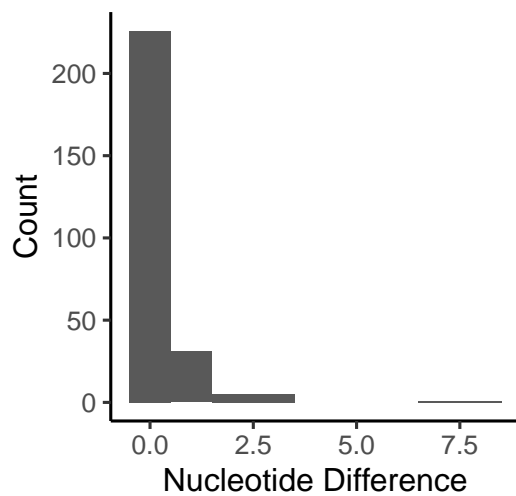
IGKV2E-28*01

282 sequences assigned
240 (85.1%) exact matches, in which:
207 unique CDR3
5 unique J



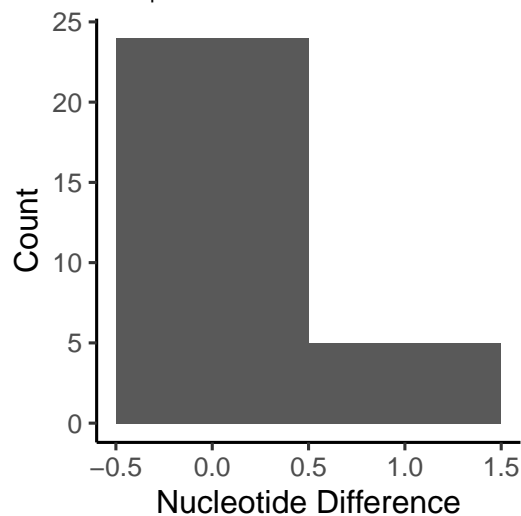
IGKV1E-33*01

269 sequences assigned
226 (84%) exact matches, in which:
196 unique CDR3
5 unique J



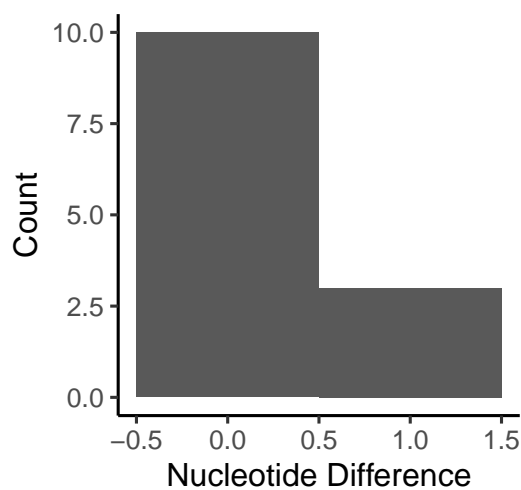
IGKV2E-40*01

29 sequences assigned
24 (82.8%) exact matches, in which:
22 unique CDR3
5 unique J



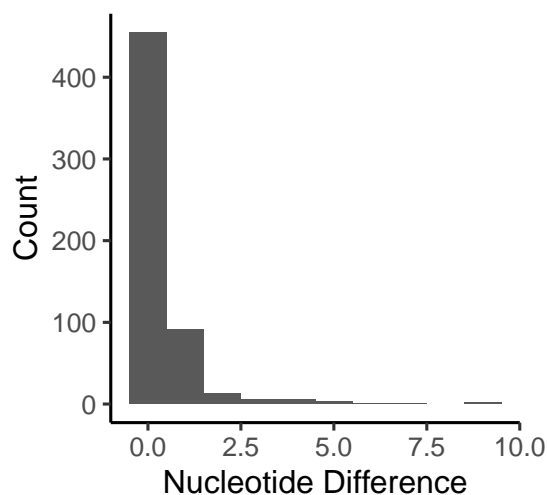
IGKV1E-37*01

13 sequences assigned
10 (76.9%) exact matches, in which:
10 unique CDR3
5 unique J



IGKV1E-39*01

578 sequences assigned
455 (78.7%) exact matches, in which:
379 unique CDR3
5 unique J





Warning – no inferred sequences found.