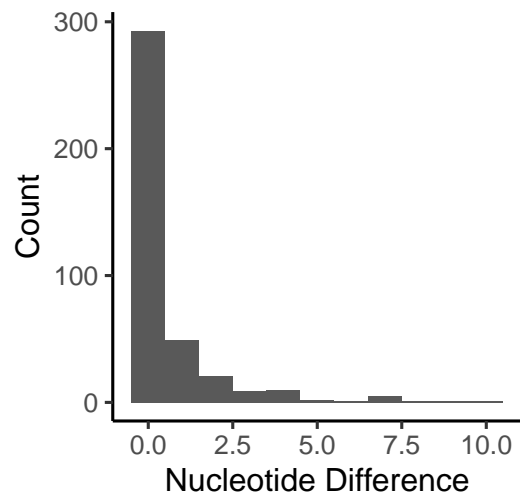


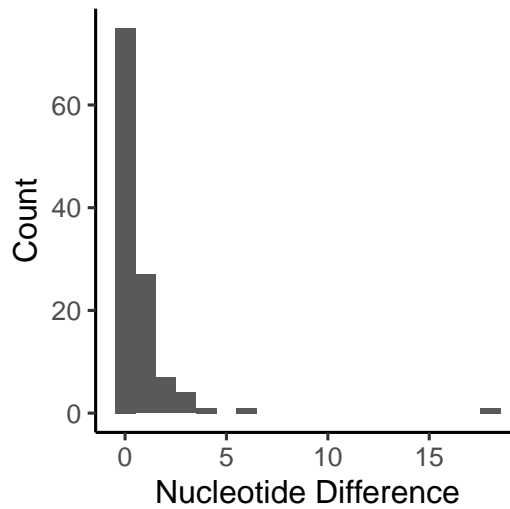
IGKV1–5*03

393 sequences assigned
293 (74.6%) exact matches, in which:
256 unique CDR3
5 unique J



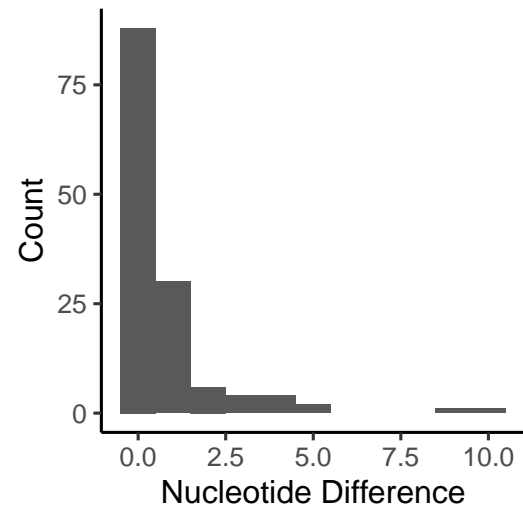
IGKV1–9*01

116 sequences assigned
75 (64.7%) exact matches, in which:
68 unique CDR3
5 unique J



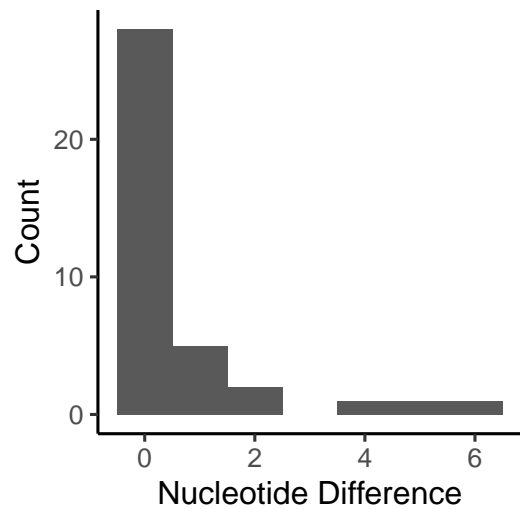
IGKV1–27*01

136 sequences assigned
88 (64.7%) exact matches, in which:
78 unique CDR3
5 unique J



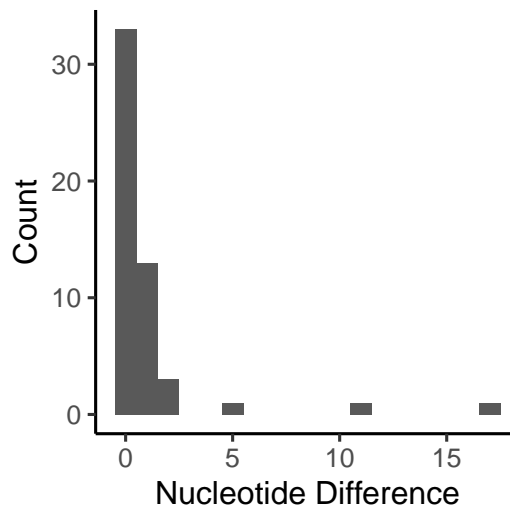
IGKV1–6*01

38 sequences assigned
28 (73.7%) exact matches, in which:
25 unique CDR3
5 unique J



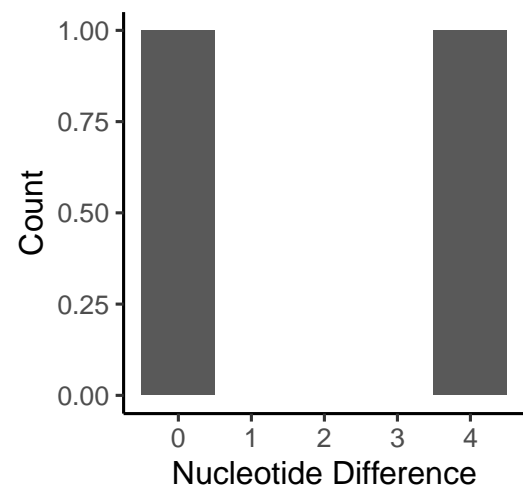
IGKV1–16*02

52 sequences assigned
33 (63.5%) exact matches, in which:
29 unique CDR3
5 unique J



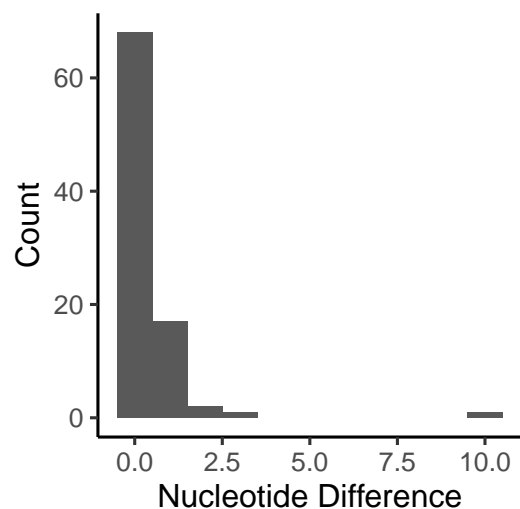
IGKV2/OR22–4*01

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



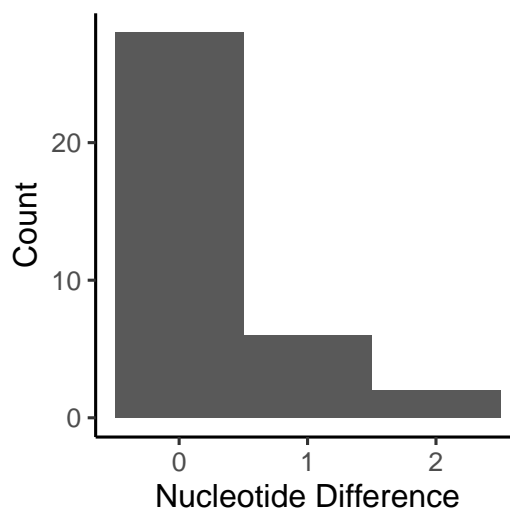
IGKV1–8*01

89 sequences assigned
68 (76.4%) exact matches, in which:
55 unique CDR3
5 unique J



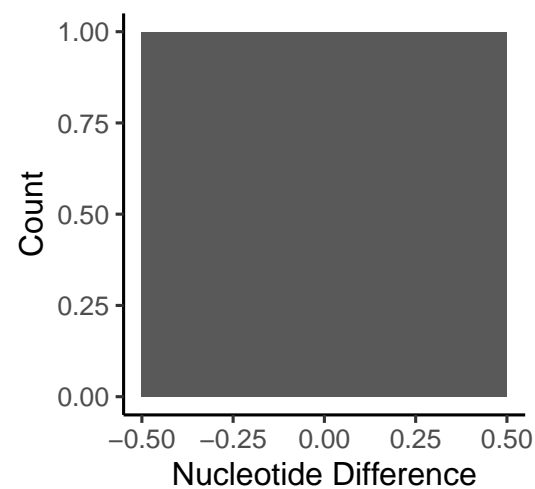
IGKV1–17*01

36 sequences assigned
28 (77.8%) exact matches, in which:
27 unique CDR3
4 unique J



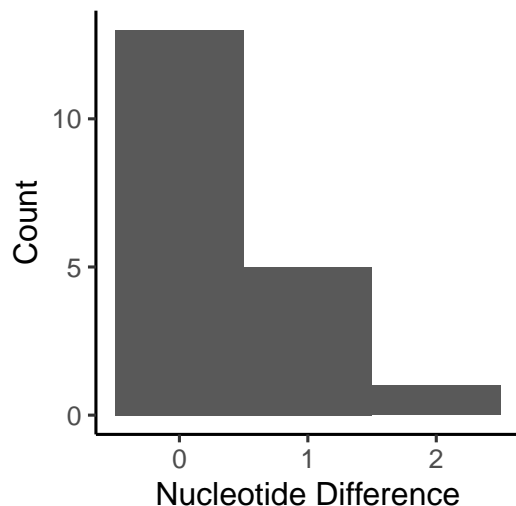
IGKV2–18*01

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



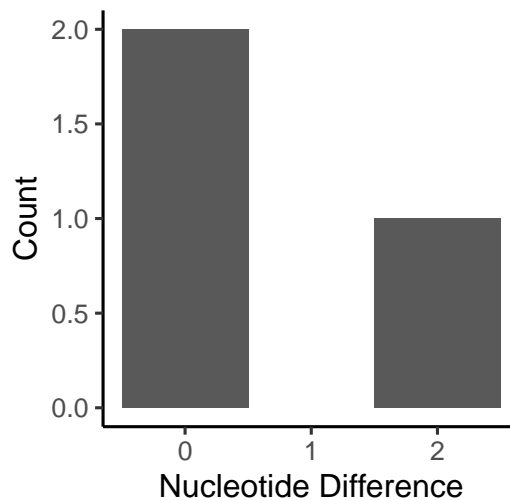
IGKV2-24*01

19 sequences assigned
13 (68.4%) exact matches, in which:
13 unique CDR3
4 unique J



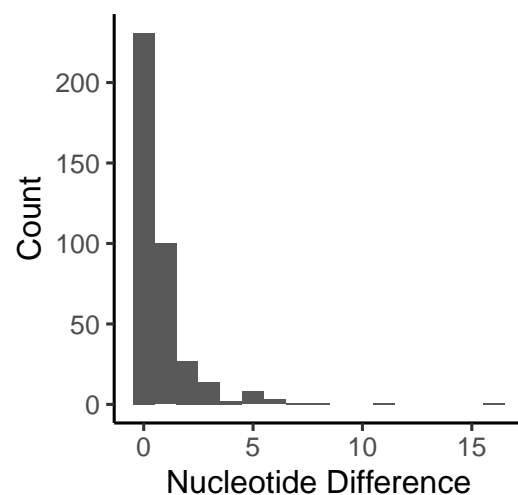
IGKV3-7*04

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
1 unique J



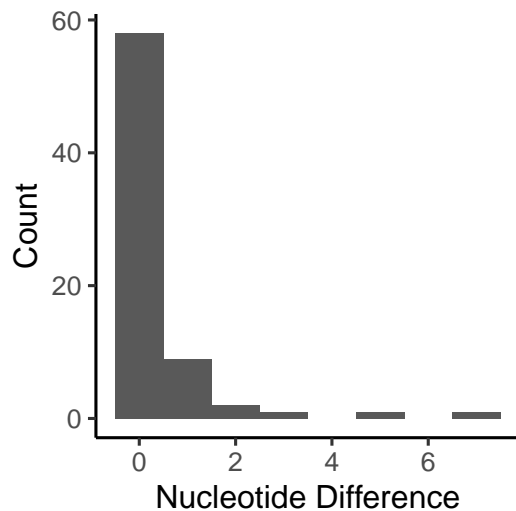
IGKV3-15*01

389 sequences assigned
231 (59.4%) exact matches, in which:
204 unique CDR3
5 unique J



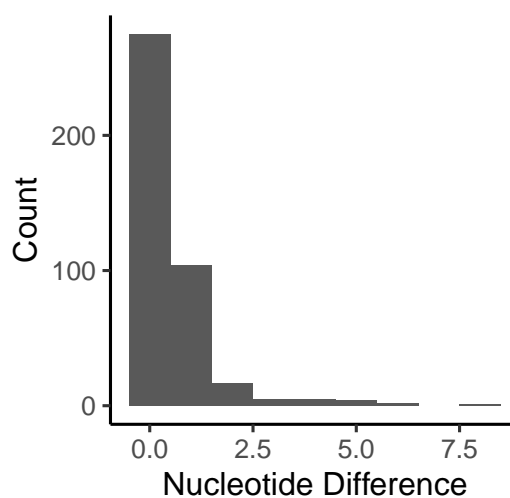
IGKV2-30*01

72 sequences assigned
58 (80.6%) exact matches, in which:
54 unique CDR3
5 unique J



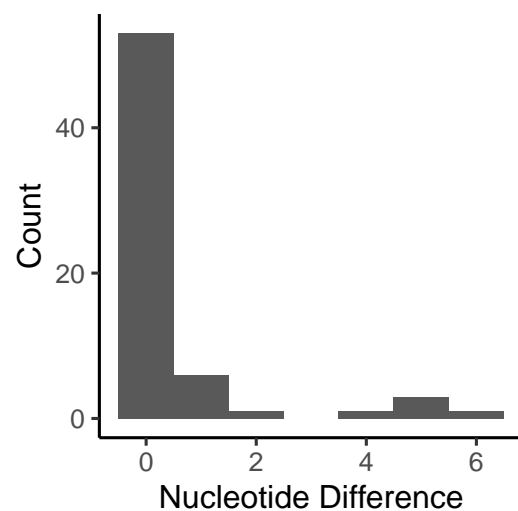
IGKV3-11*01

413 sequences assigned
275 (66.6%) exact matches, in which:
239 unique CDR3
5 unique J



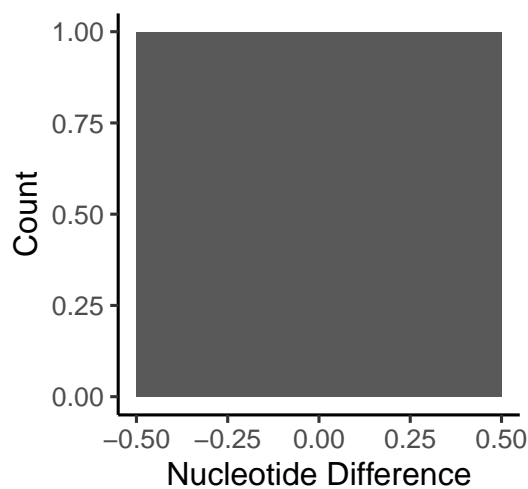
IGKV3-15*01_A223C

65 sequences assigned
53 (81.5%) exact matches, in which:
53 unique CDR3
5 unique J



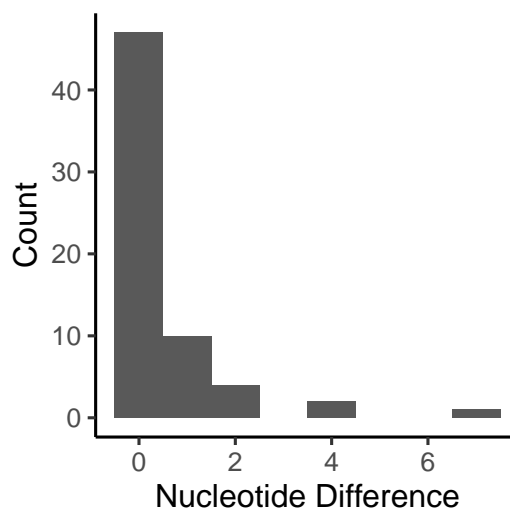
IGKV1/OR2-108*01

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



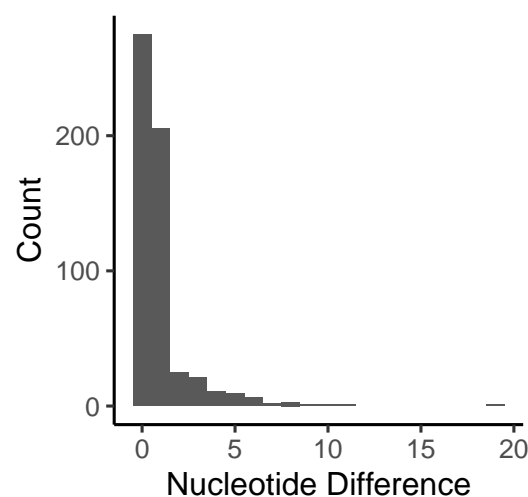
IGKV3-11*01_A223C

64 sequences assigned
47 (73.4%) exact matches, in which:
46 unique CDR3
5 unique J



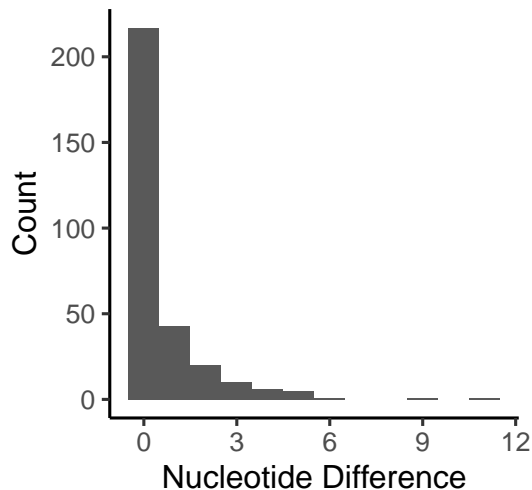
IGKV3-20*01

561 sequences assigned
275 (49%) exact matches, in which:
233 unique CDR3
5 unique J



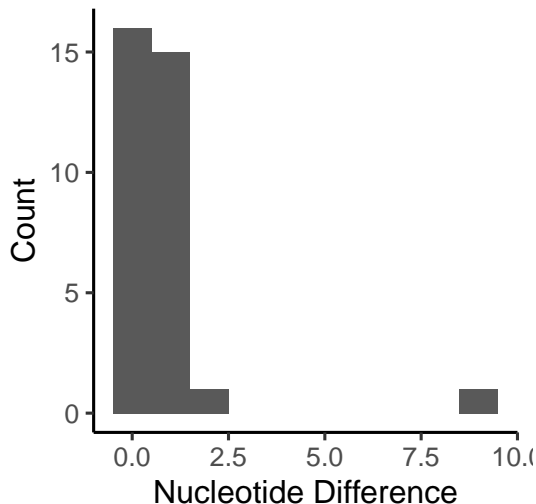
IGKV4-1*01

304 sequences assigned
217 (71.4%) exact matches, in which:
190 unique CDR3
5 unique J



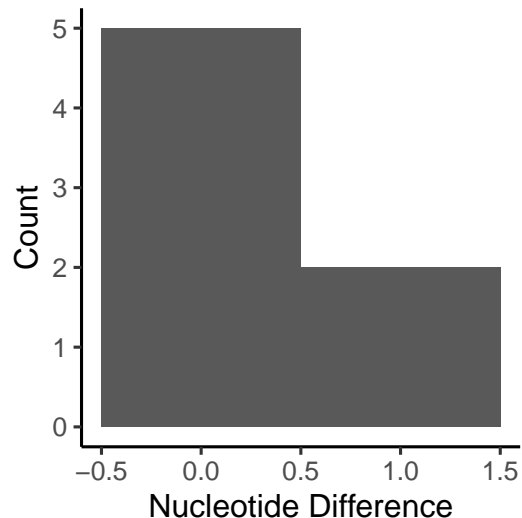
IGKV1D-8*01

33 sequences assigned
16 (48.5%) exact matches, in which:
14 unique CDR3
3 unique J



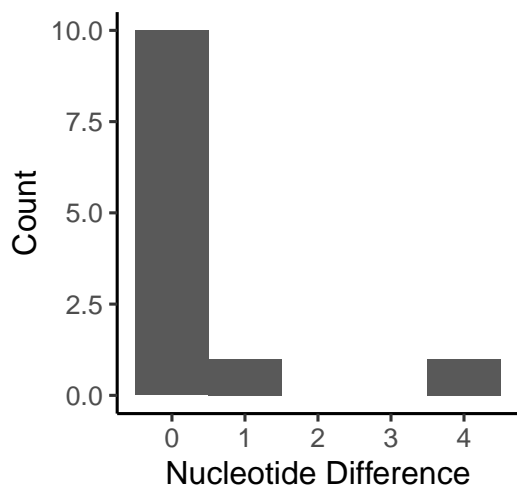
IGKV1D-16*01

7 sequences assigned
5 (71.4%) exact matches, in which:
5 unique CDR3
4 unique J



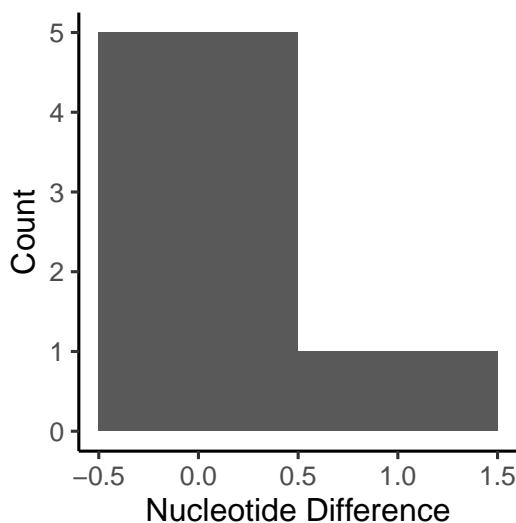
IGKV5-2*01

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



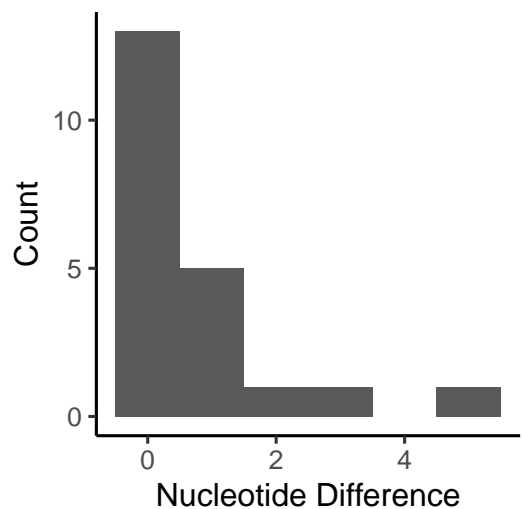
IGKV3D-11*01

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



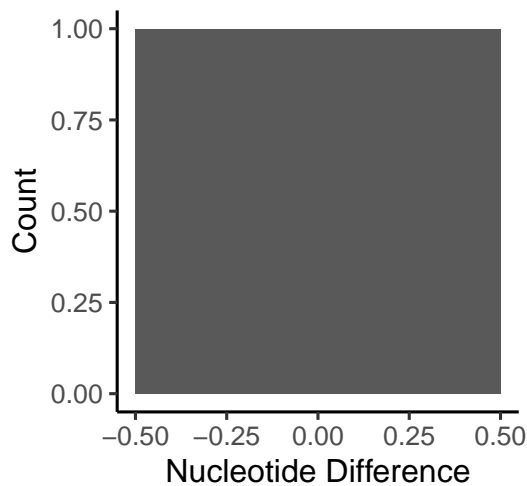
IGKV3D-20*01

21 sequences assigned
13 (61.9%) exact matches, in which:
13 unique CDR3
5 unique J



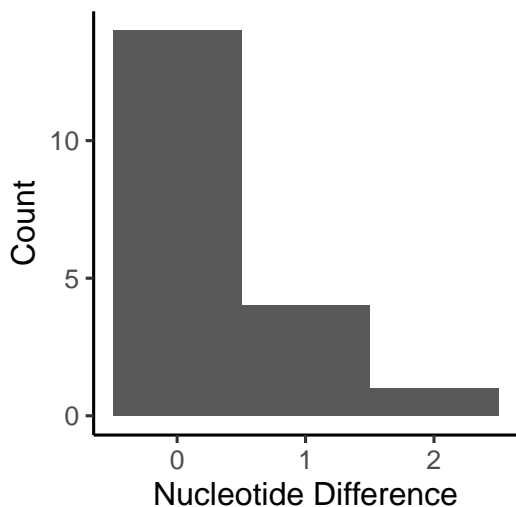
IGKV7-3*01

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



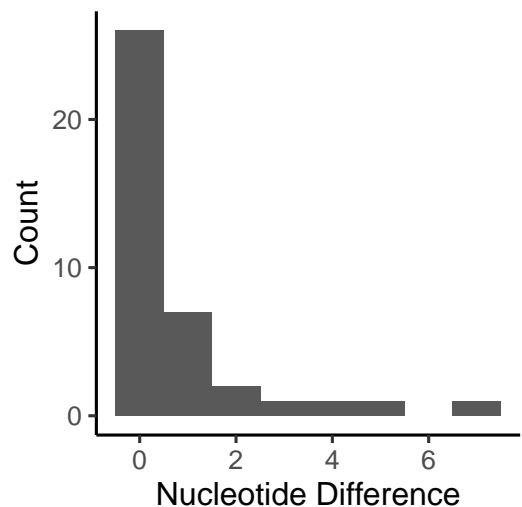
IGKV3D-15*01

19 sequences assigned
14 (73.7%) exact matches, in which:
14 unique CDR3
5 unique J



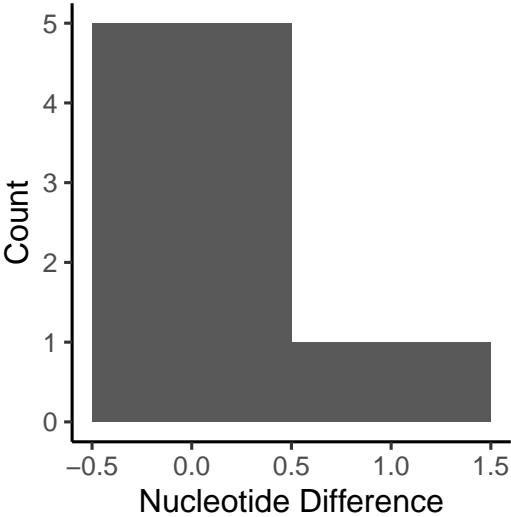
IGKV2D-29*01

39 sequences assigned
26 (66.7%) exact matches, in which:
24 unique CDR3
5 unique J



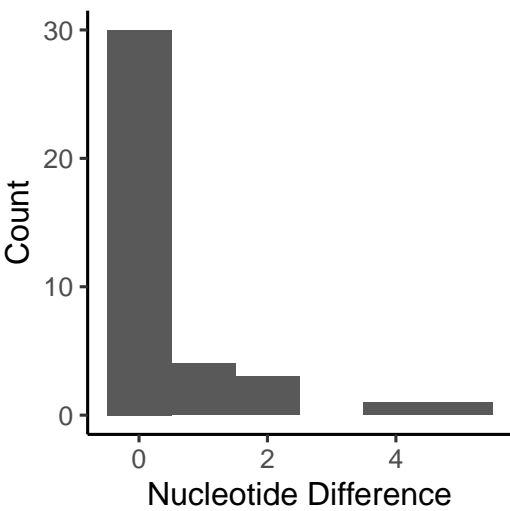
IGKV2D-30*01

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



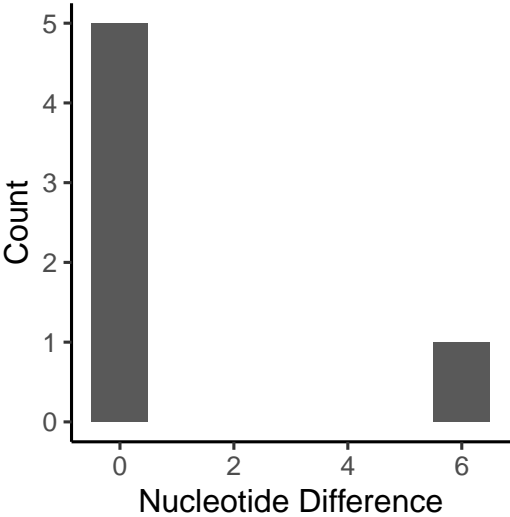
IGKV1E-12*01

39 sequences assigned
30 (76.9%) exact matches, in which:
23 unique CDR3
5 unique J



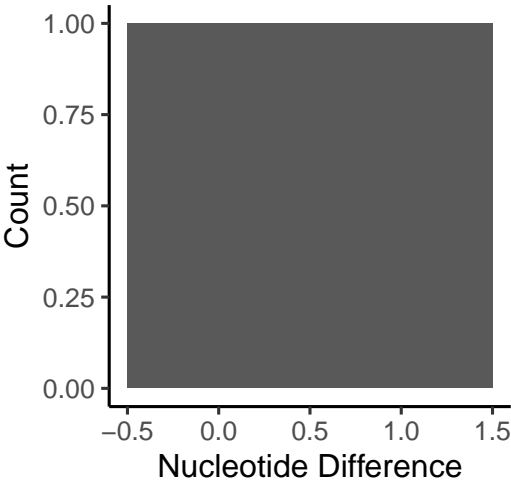
IGKV1E-13*03

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



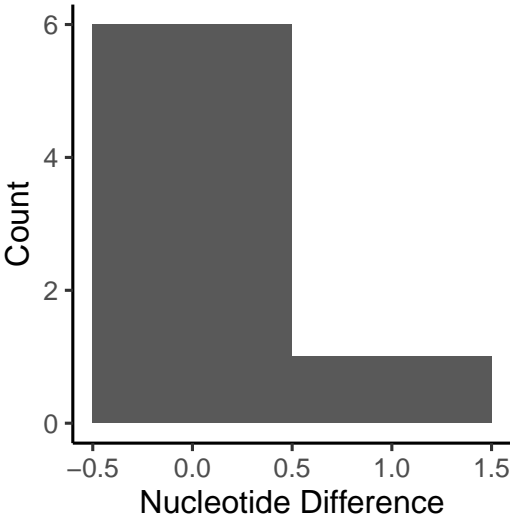
IGKV6D-41*01

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



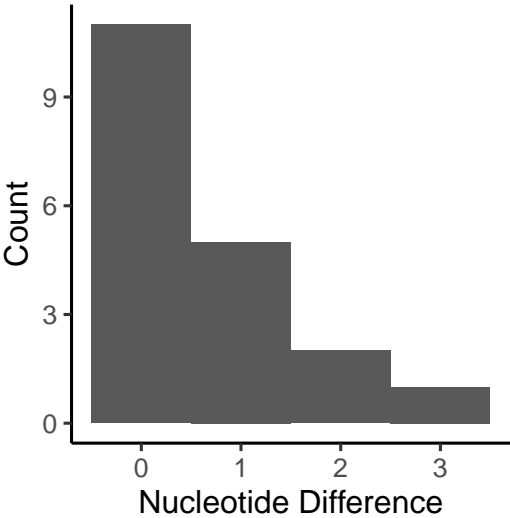
IGKV1E-12*02

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



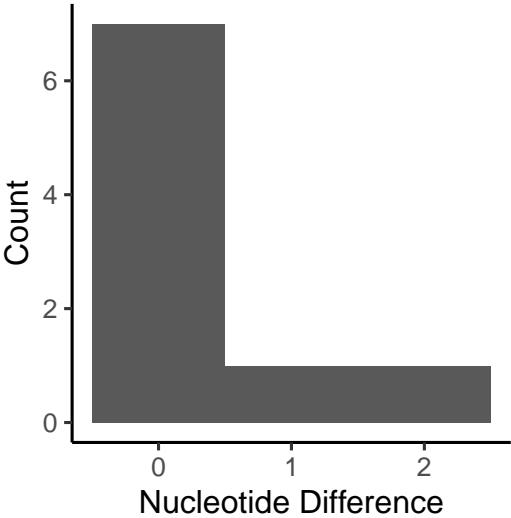
IGKV6E-21*01

19 sequences assigned
11 (57.9%) exact matches, in which:
9 unique CDR3
3 unique J



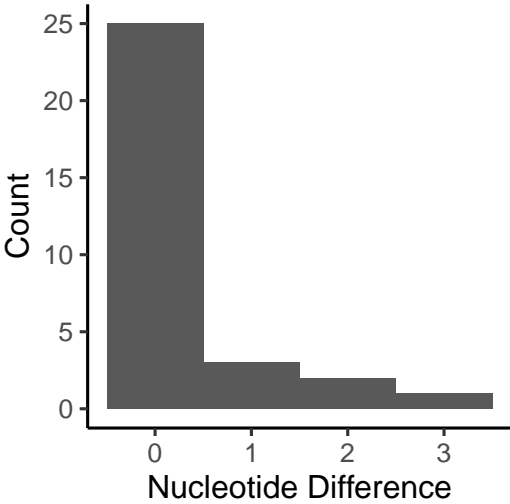
IGKV1D-43*01

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



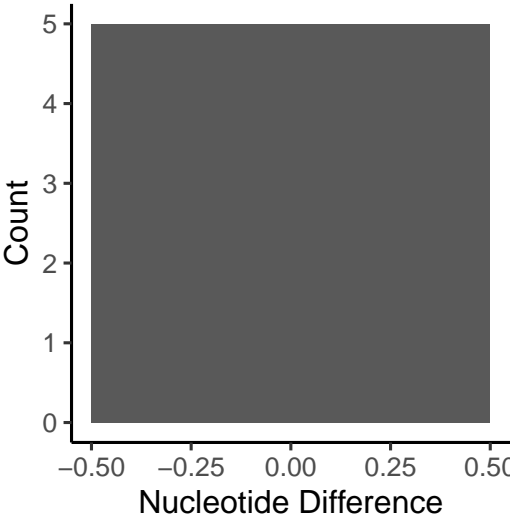
IGKV1E-12*03

31 sequences assigned
25 (80.6%) exact matches, in which:
23 unique CDR3
4 unique J



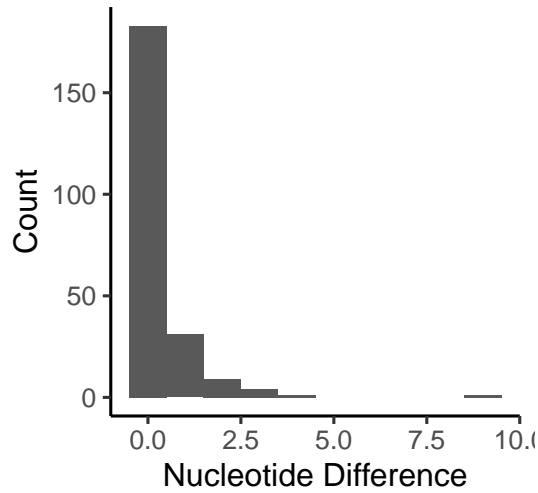
IGKV6E-21*03

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



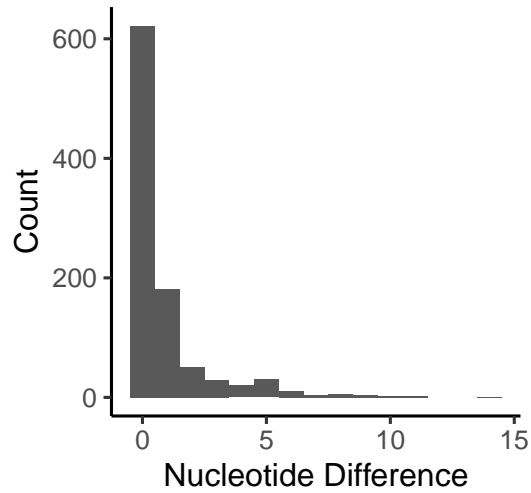
IGKV2E-28*01

229 sequences assigned
183 (79.9%) exact matches, in which:
158 unique CDR3
5 unique J



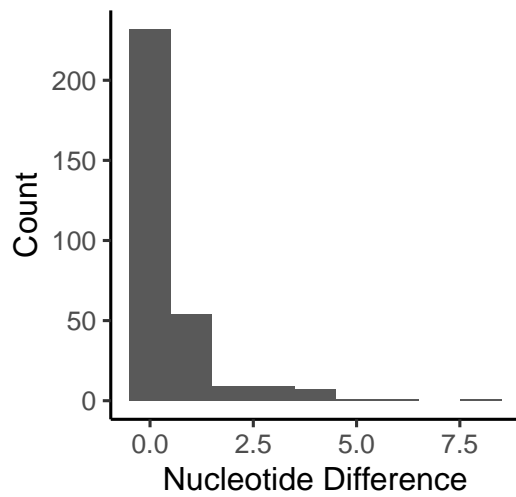
IGKV1E-39*01

966 sequences assigned
622 (64.4%) exact matches, in which:
489 unique CDR3
5 unique J



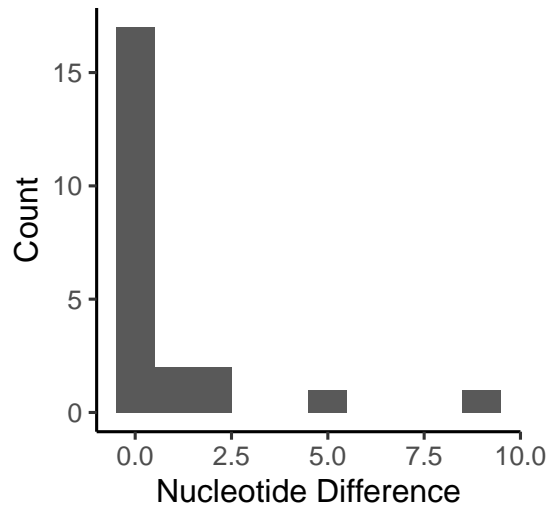
IGKV1E-33*01

314 sequences assigned
232 (73.9%) exact matches, in which:
197 unique CDR3
5 unique J



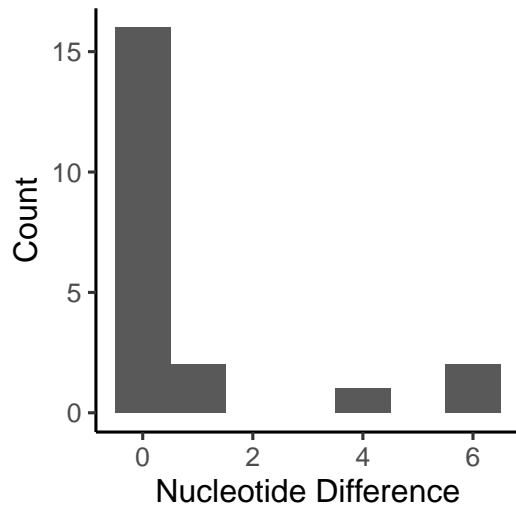
IGKV2E-40*01

23 sequences assigned
17 (73.9%) exact matches, in which:
16 unique CDR3
5 unique J



IGKV1E-37*01

21 sequences assigned
16 (76.2%) exact matches, in which:
15 unique CDR3
5 unique J





Warning – no inferred sequences found.