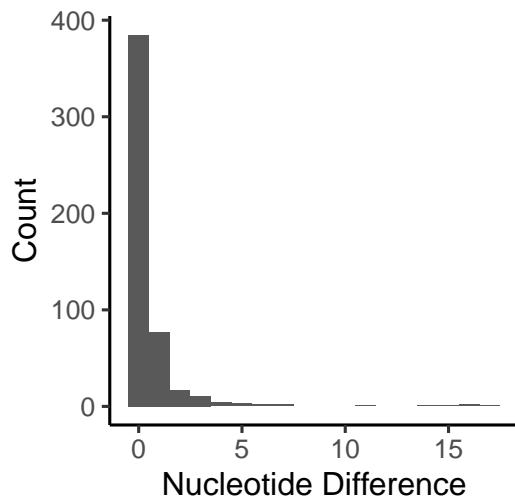


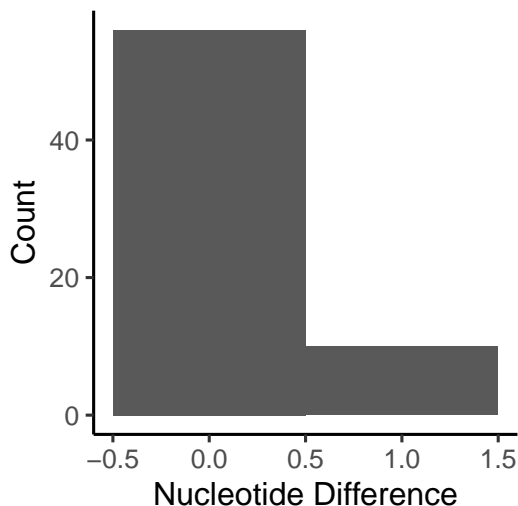
IGKV1-5*01

507 sequences assigned
385 (75.9%) exact matches, in which:
344 unique CDR3
5 unique J



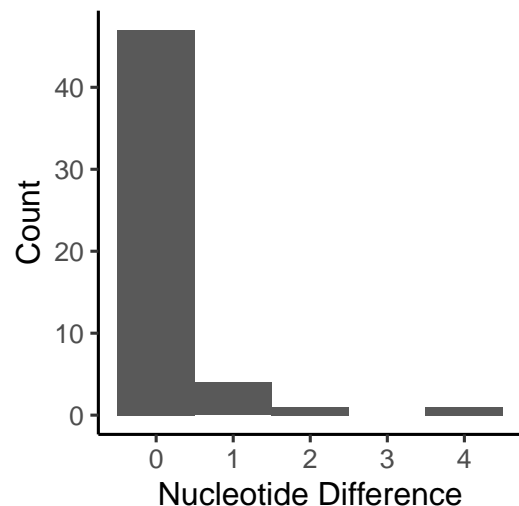
IGKV1-8*01

66 sequences assigned
56 (84.8%) exact matches, in which:
53 unique CDR3
5 unique J



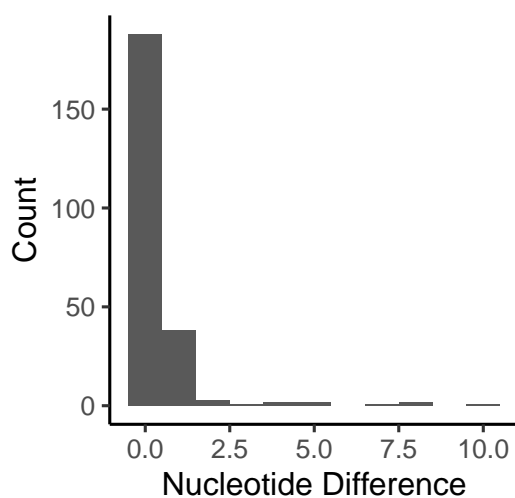
IGKV1-16*02

53 sequences assigned
47 (88.7%) exact matches, in which:
38 unique CDR3
5 unique J



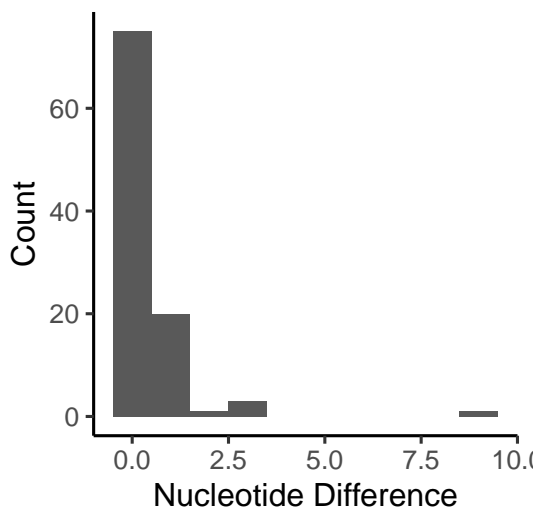
IGKV1-5*03

238 sequences assigned
188 (79%) exact matches, in which:
173 unique CDR3
5 unique J



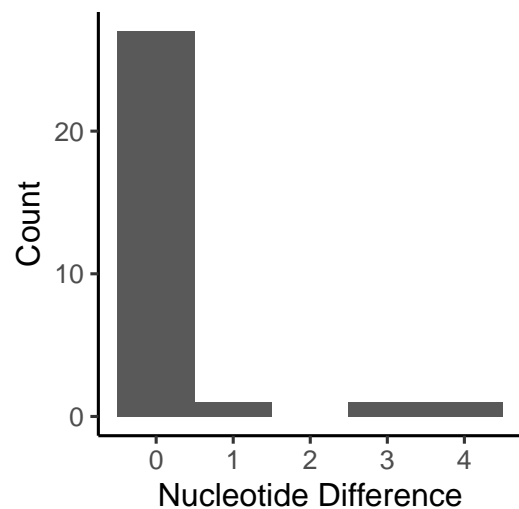
IGKV1-8*01_T31C

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



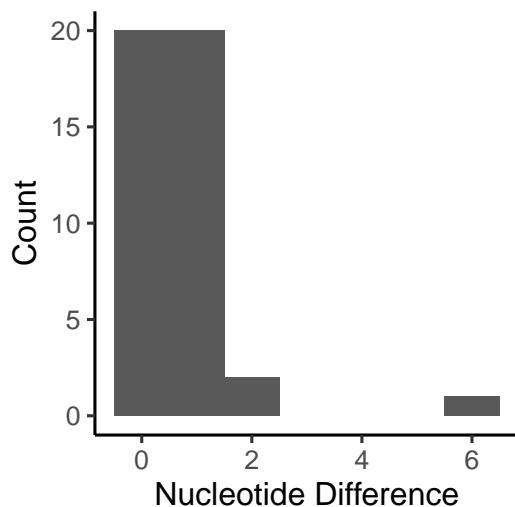
IGKV1-17*01

30 sequences assigned
27 (90%) exact matches, in which:
26 unique CDR3
5 unique J



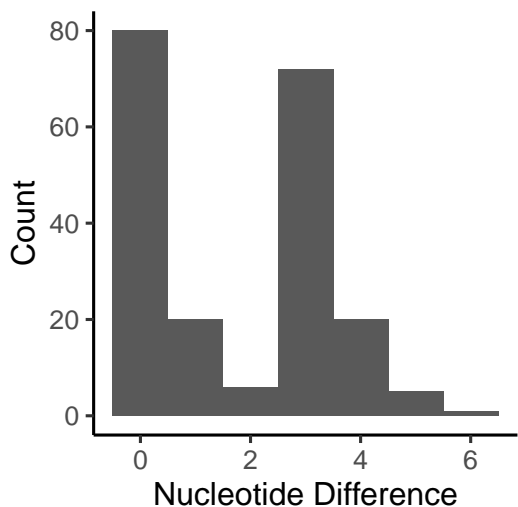
IGKV1-6*01

43 sequences assigned
20 (46.5%) exact matches, in which:
12 unique CDR3
4 unique J



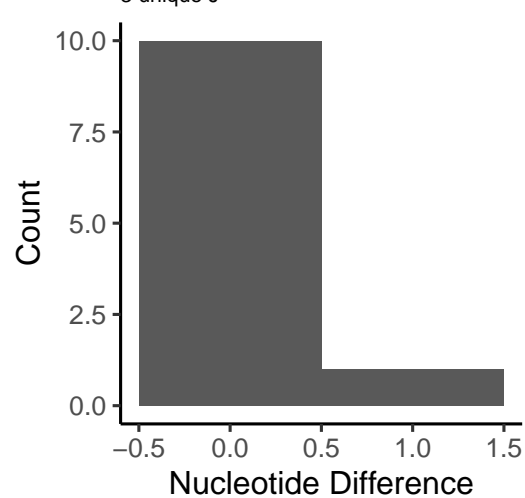
IGKV1-9*01

204 sequences assigned
80 (39.2%) exact matches, in which:
74 unique CDR3
5 unique J



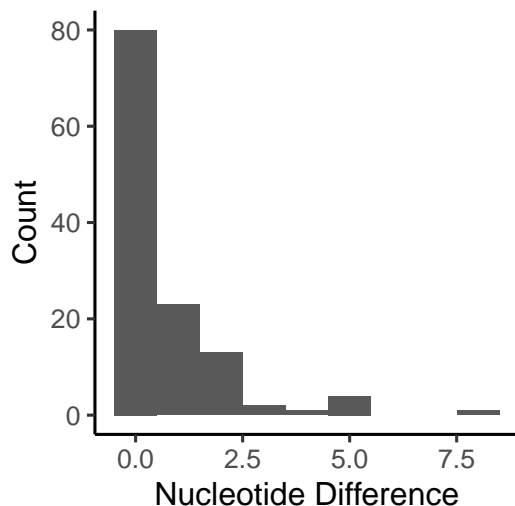
IGKV1-17*03

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



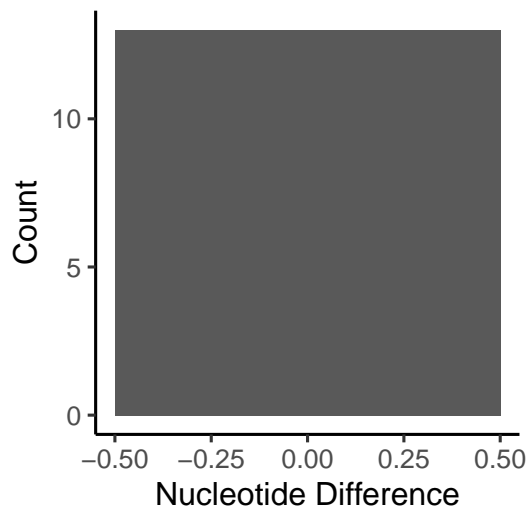
IGKV1-27*01

124 sequences assigned
80 (64.5%) exact matches, in which:
74 unique CDR3
5 unique J



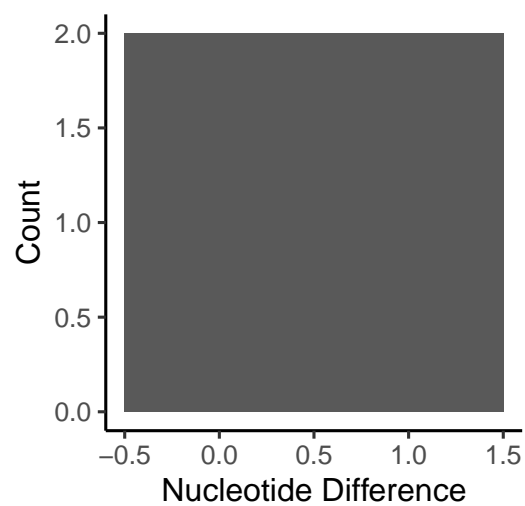
IGKV2-24*01

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



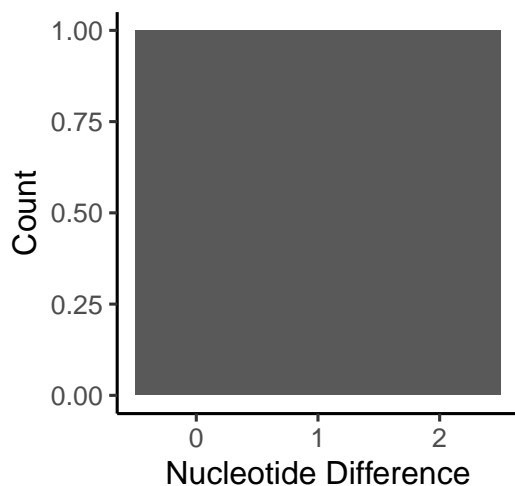
IGKV3-7*04

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



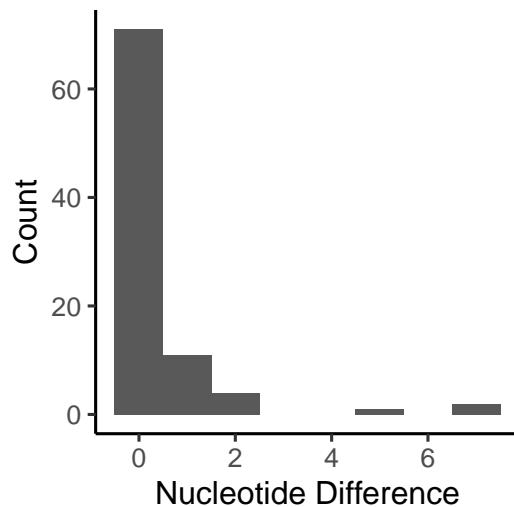
IGKV2/OR22-4*01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



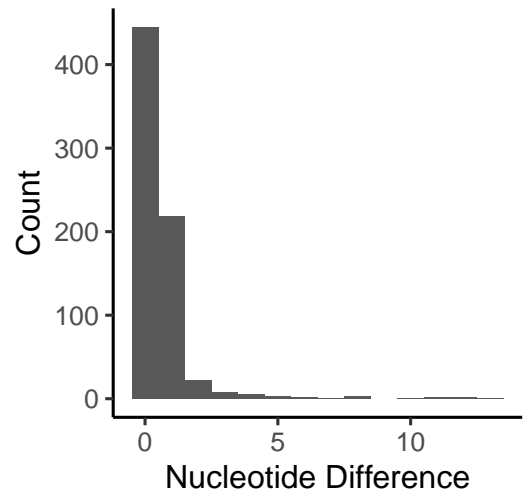
IGKV2-30*01

89 sequences assigned
71 (79.8%) exact matches, in which:
68 unique CDR3
5 unique J



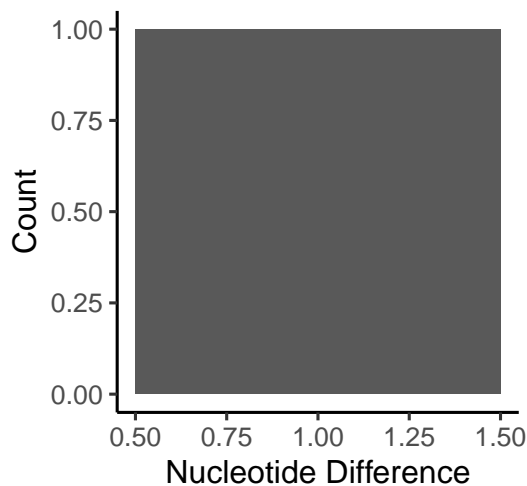
IGKV3-11*01

713 sequences assigned
445 (62.4%) exact matches, in which:
388 unique CDR3
5 unique J



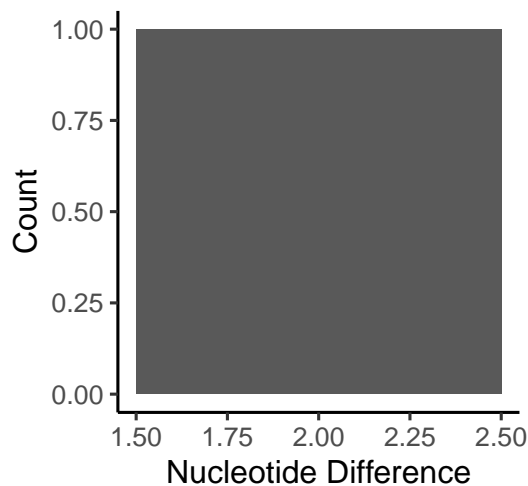
IGKV2-18*01

1 sequences assigned
No exact matches.



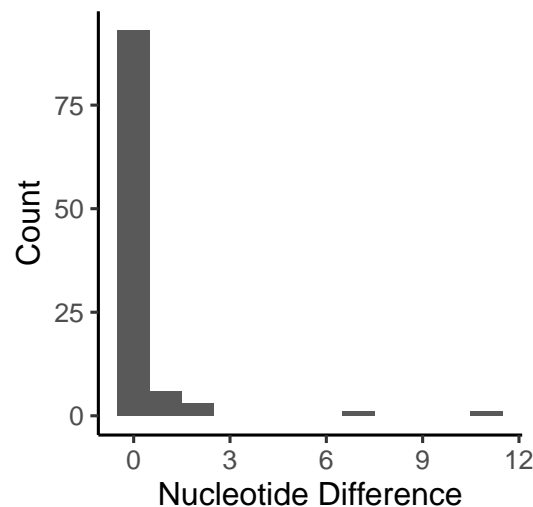
IGKV1/OR2-108*01

1 sequences assigned
No exact matches.



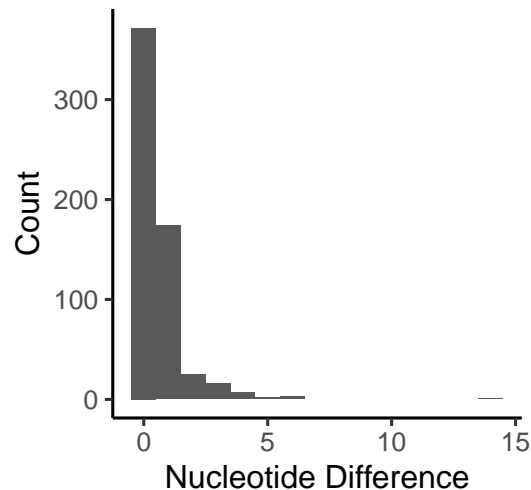
IGKV3-11*01_A223C

104 sequences assigned
93 (89.4%) exact matches, in which:
90 unique CDR3
5 unique J



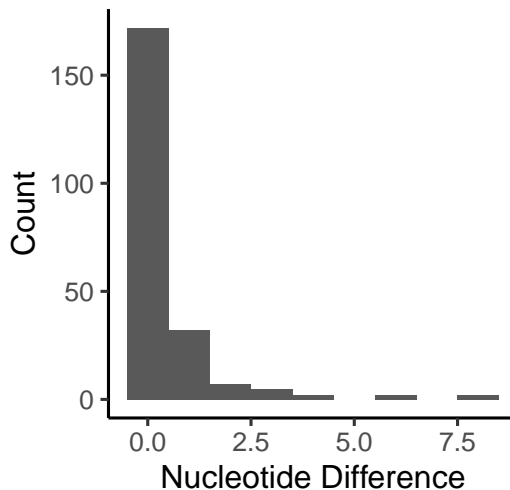
IGKV3–15*01

600 sequences assigned
372 (62%) exact matches, in which:
302 unique CDR3
5 unique J



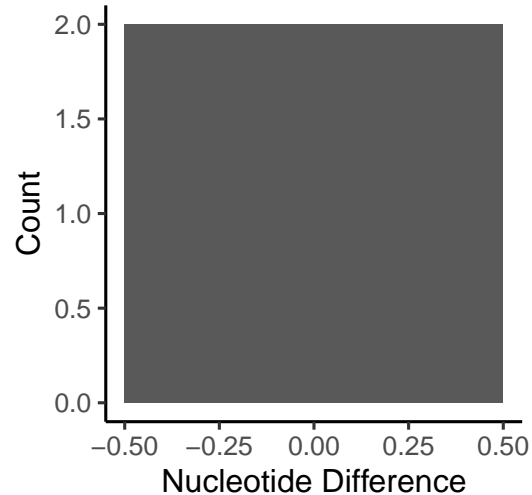
IGKV4–1*01

222 sequences assigned
172 (77.5%) exact matches, in which:
142 unique CDR3
5 unique J



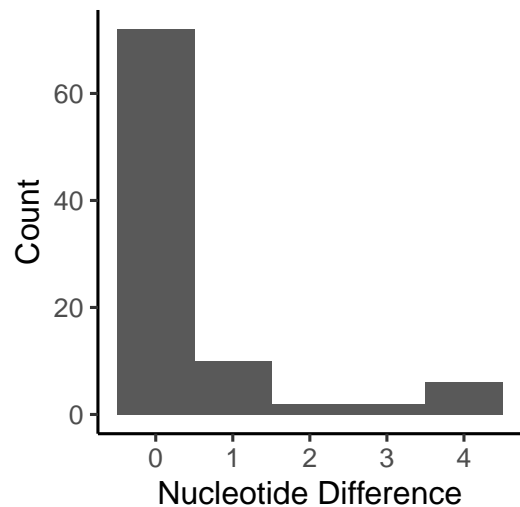
IGKV7–3*01

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



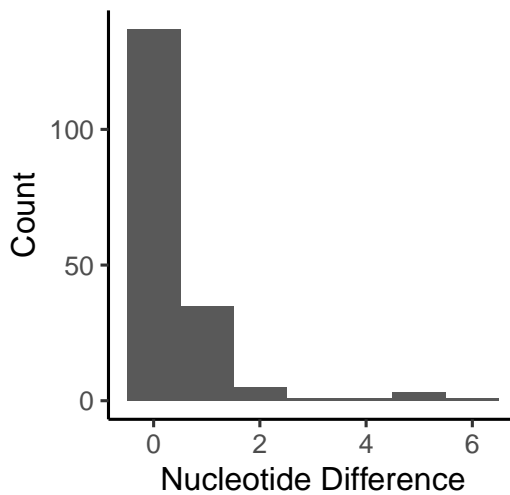
IGKV3–15*01_A223C

92 sequences assigned
72 (78.3%) exact matches, in which:
72 unique CDR3
5 unique J



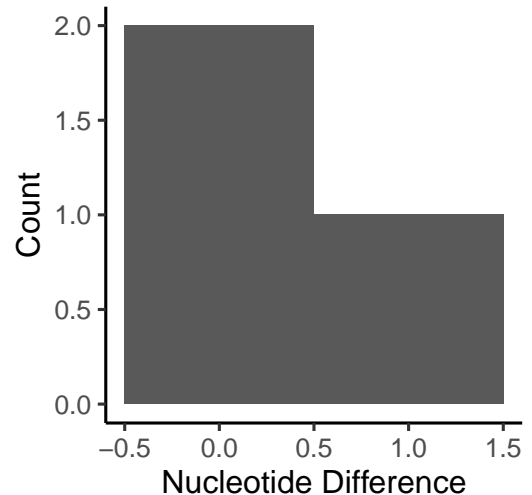
IGKV4–1*01_A318G

183 sequences assigned
137 (74.9%) exact matches, in which:
114 unique CDR3
5 unique J



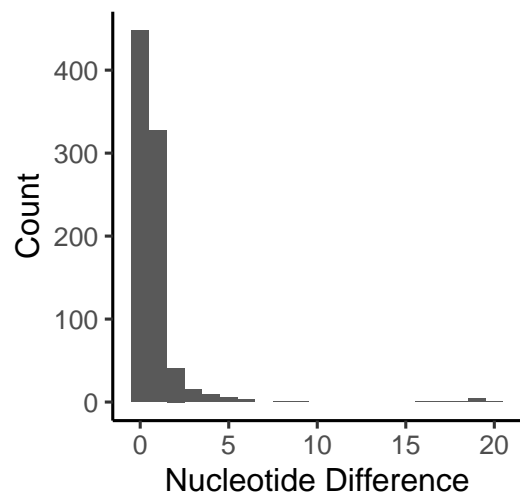
IGKV3D–7*01

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



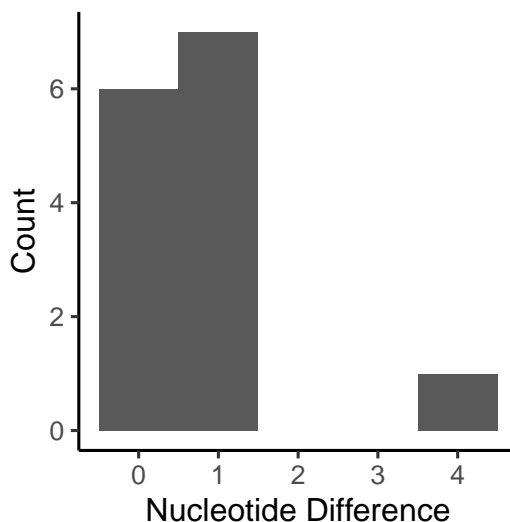
IGKV3–20*01

858 sequences assigned
448 (52.2%) exact matches, in which:
395 unique CDR3
5 unique J



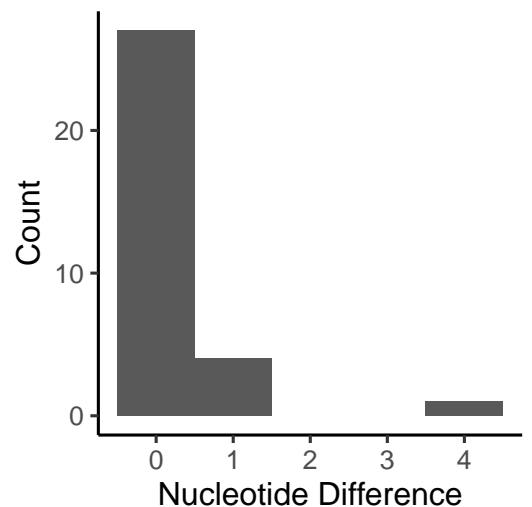
IGKV5–2*01

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



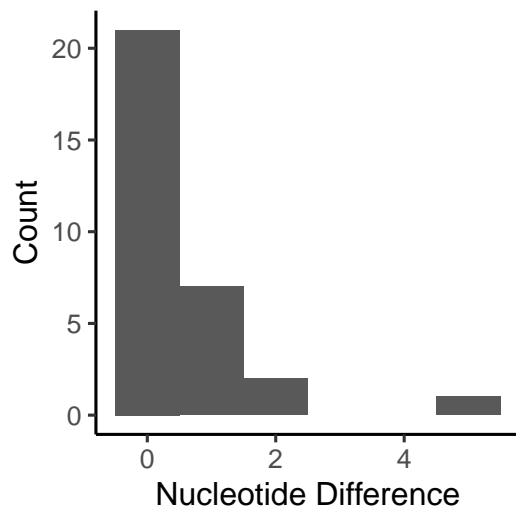
IGKV1D–8*01

32 sequences assigned
27 (84.4%) exact matches, in which:
23 unique CDR3
5 unique J



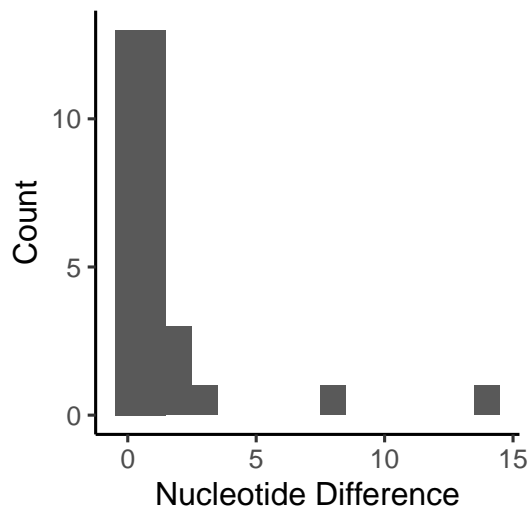
IGKV1D-8*03

31 sequences assigned
21 (67.7%) exact matches, in which:
20 unique CDR3
4 unique J



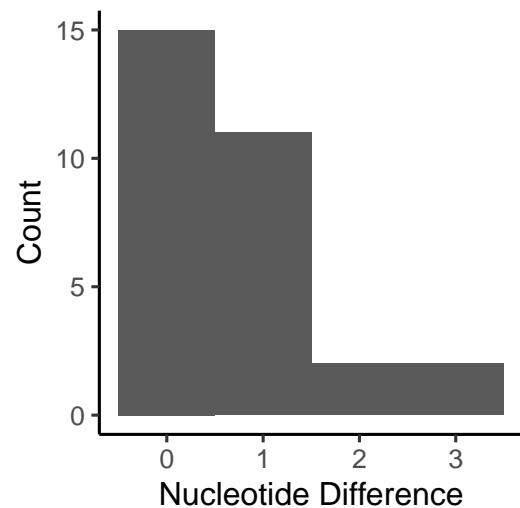
IGKV3D-15*01

32 sequences assigned
13 (40.6%) exact matches, in which:
11 unique CDR3
4 unique J



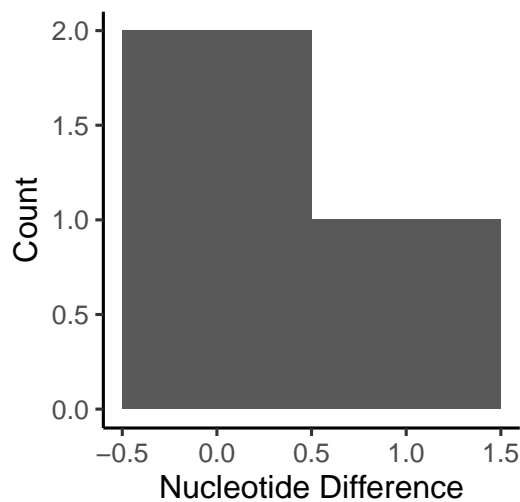
IGKV3D-20*01

30 sequences assigned
15 (50%) exact matches, in which:
15 unique CDR3
4 unique J



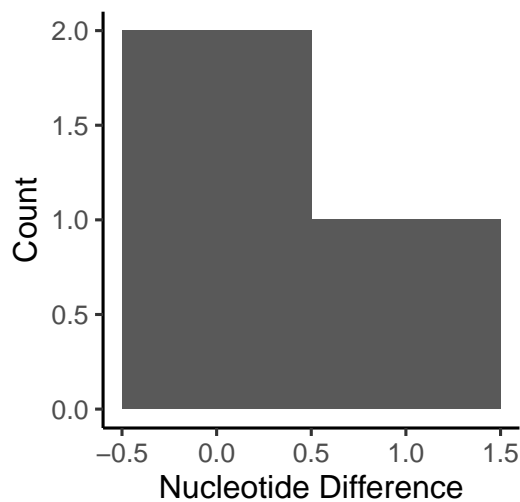
IGKV3D-11*01

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



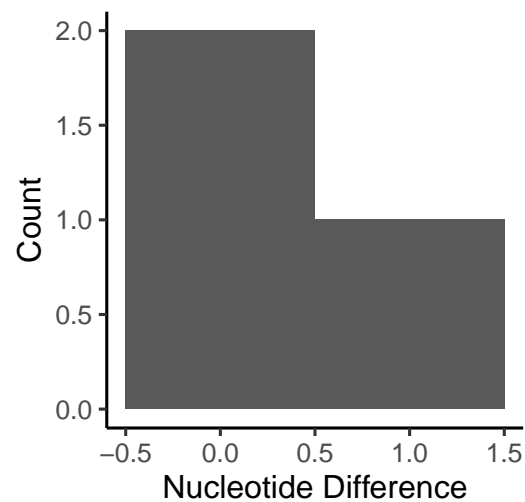
IGKV1D-16*01

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



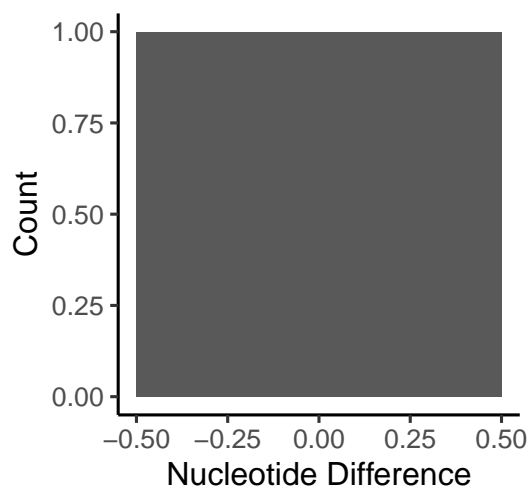
IGKV2D-24*01

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



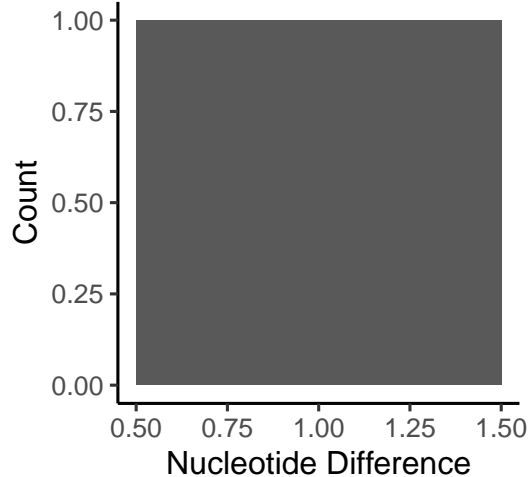
IGKV3D-11*02

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



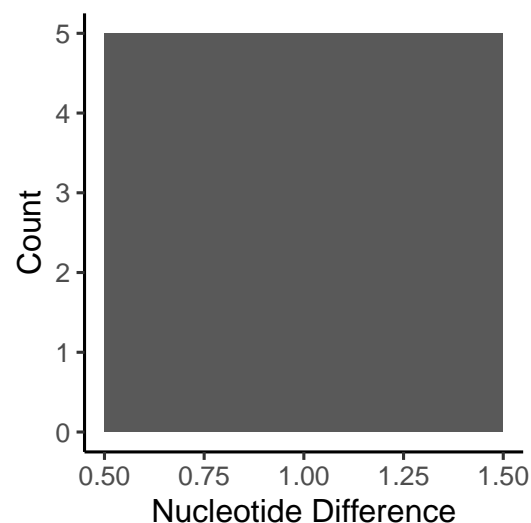
IGKV1D-16*02

1 sequences assigned
No exact matches.



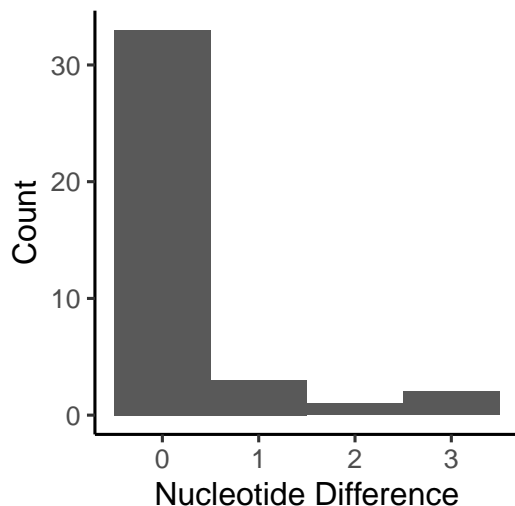
IGKV2D-26*03

5 sequences assigned
No exact matches.



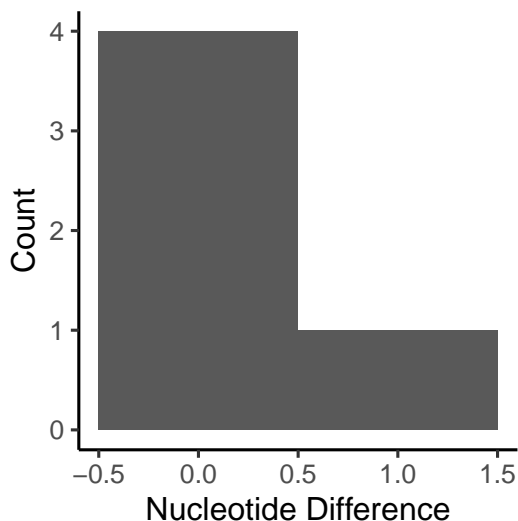
IGKV2D-29*01

40 sequences assigned
33 (82.5%) exact matches, in which:
30 unique CDR3
5 unique J



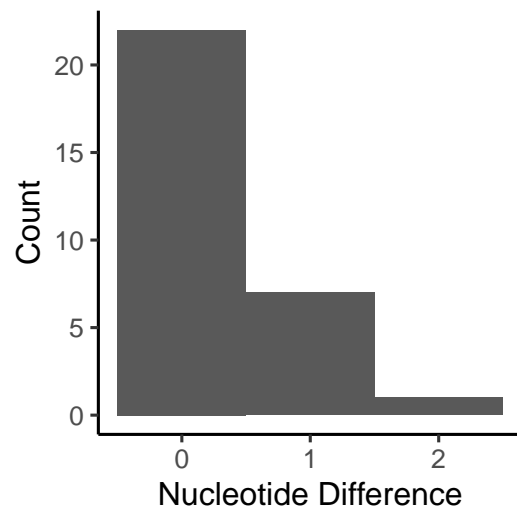
IGKV1D-43*01

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



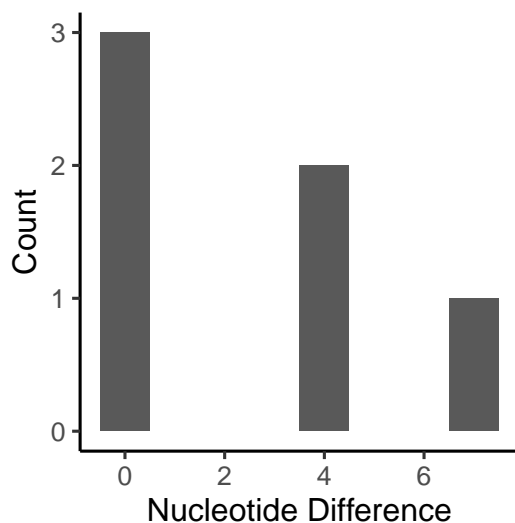
IGKV1E-12*03

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



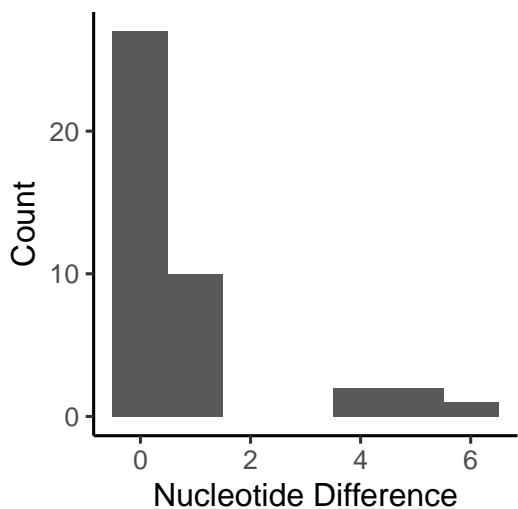
IGKV2D-29*02

6 sequences assigned
3 (50%) exact matches, in which:
3 unique CDR3
2 unique J



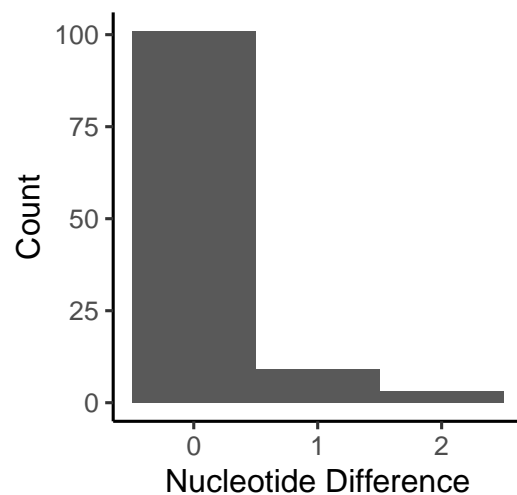
IGKV1E-12*01

42 sequences assigned
27 (64.3%) exact matches, in which:
21 unique CDR3
5 unique J



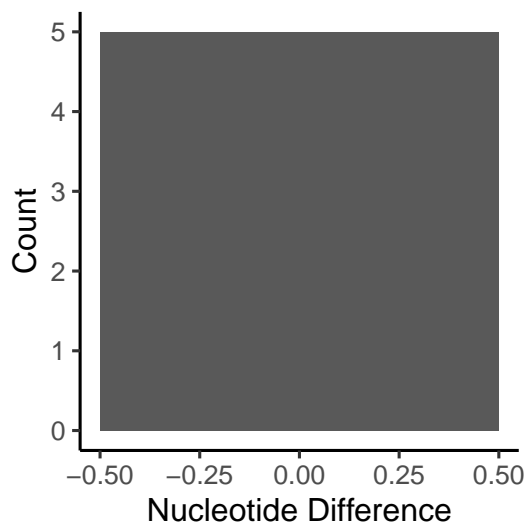
IGKV1E-13*02

113 sequences assigned
101 (89.4%) exact matches, in which:
91 unique CDR3
5 unique J



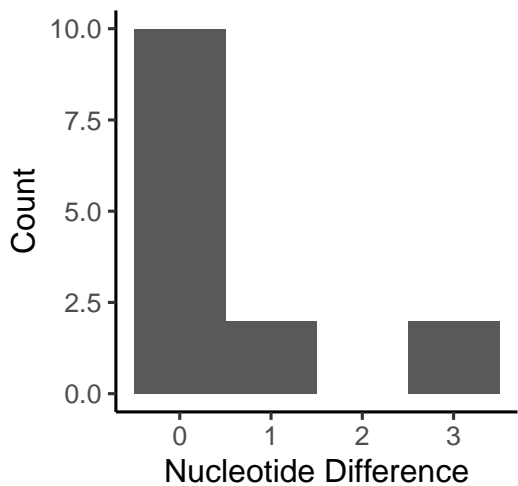
IGKV2D-30*01

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



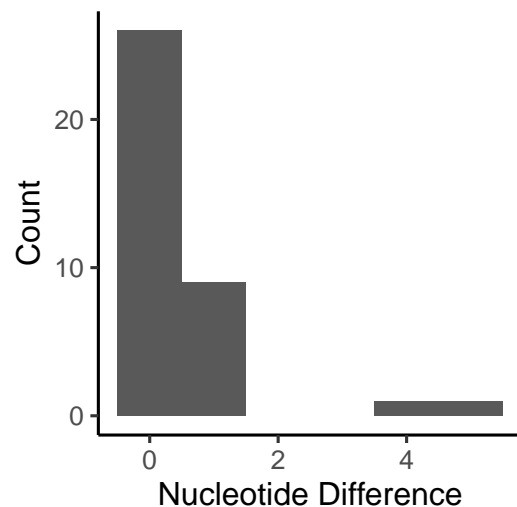
IGKV1E-12*02

14 sequences assigned
10 (71.4%) exact matches, in which:
7 unique CDR3
4 unique J



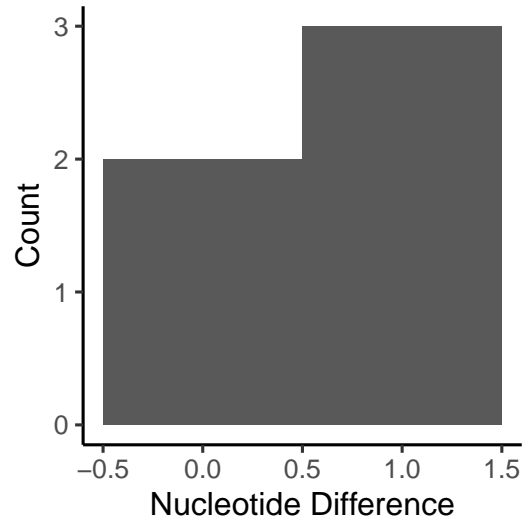
IGKV6E-21*01

37 sequences assigned
26 (70.3%) exact matches, in which:
24 unique CDR3
5 unique J



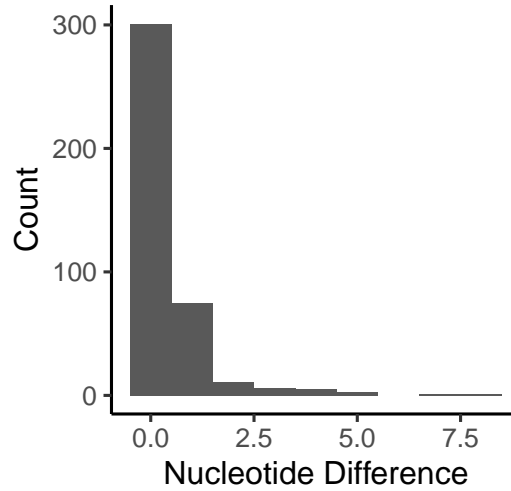
IGKV6E-21*03

5 sequences assigned
2 (40%) exact matches, in which:
2 unique CDR3
2 unique J



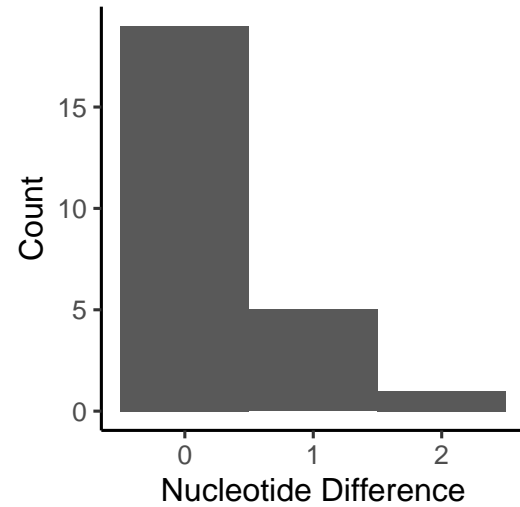
IGKV1E-33*01

403 sequences assigned
301 (74.7%) exact matches, in which:
249 unique CDR3
5 unique J



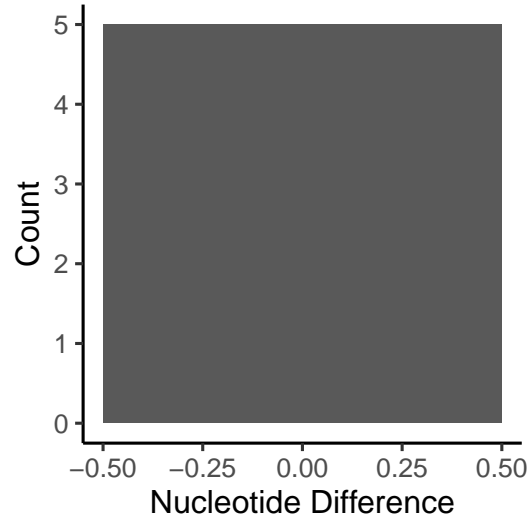
IGKV2E-40*01

25 sequences assigned
19 (76%) exact matches, in which:
18 unique CDR3
3 unique J



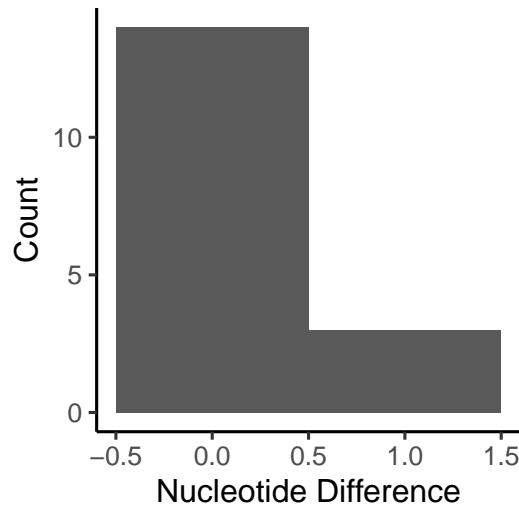
IGKV6E-21*01_A301G

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



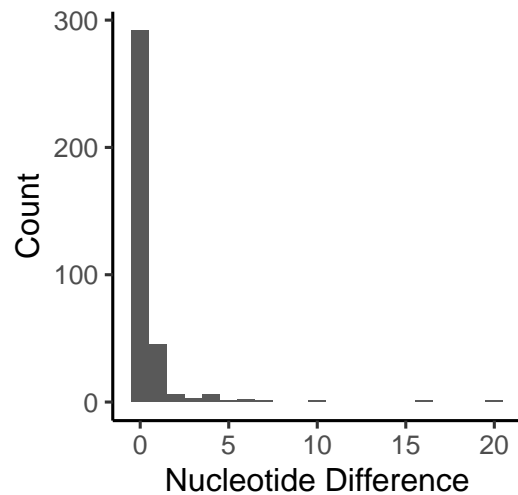
IGKV1E-37*01

17 sequences assigned
14 (82.4%) exact matches, in which:
14 unique CDR3
5 unique J



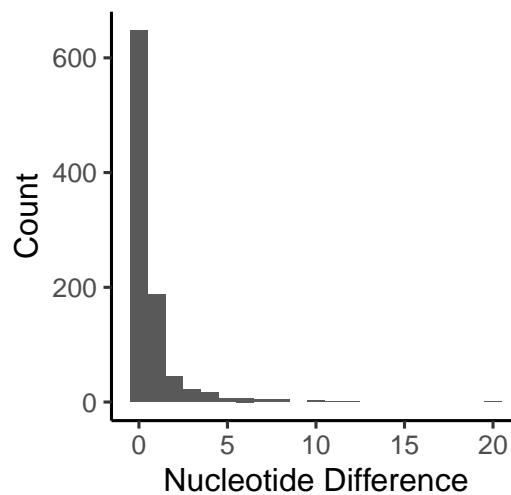
IGKV2E-28*01

359 sequences assigned
292 (81.3%) exact matches, in which:
228 unique CDR3
5 unique J



IGKV1E-39*01

945 sequences assigned
648 (68.6%) exact matches, in which:
527 unique CDR3
5 unique J





Warning – no inferred sequences found.