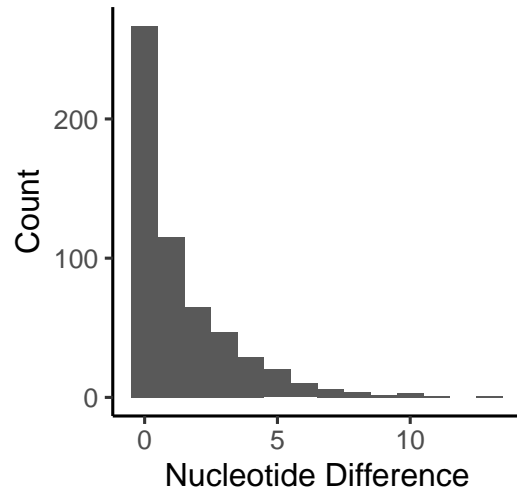


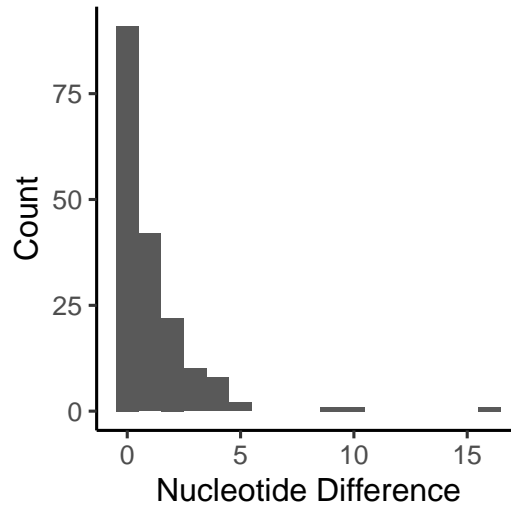
IGKV1-5*03

570 sequences assigned
267 (46.8%) exact matches, in which:
222 unique CDR3
5 unique J



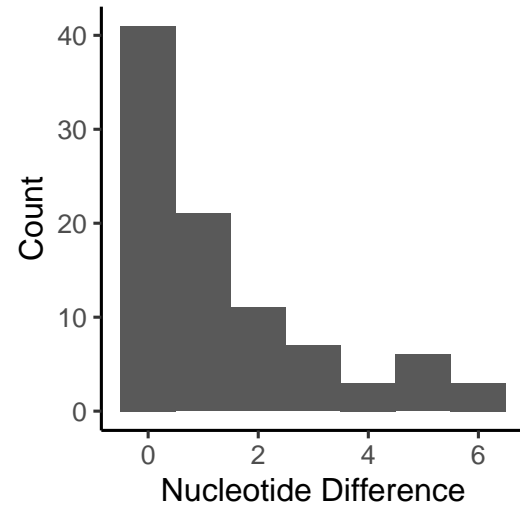
IGKV1-9*01

178 sequences assigned
91 (51.1%) exact matches, in which:
81 unique CDR3
5 unique J



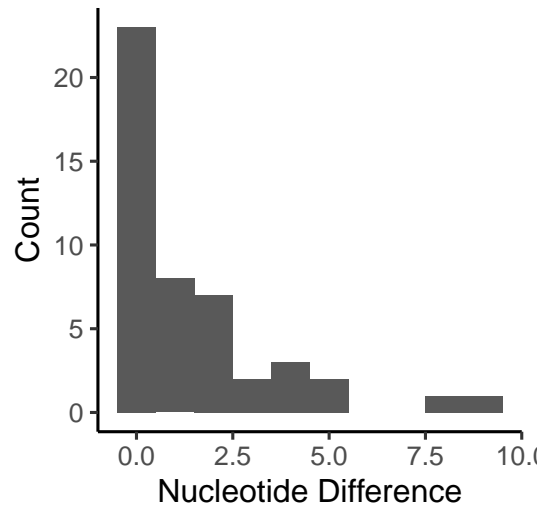
IGKV1-27*01

92 sequences assigned
41 (44.6%) exact matches, in which:
40 unique CDR3
5 unique J



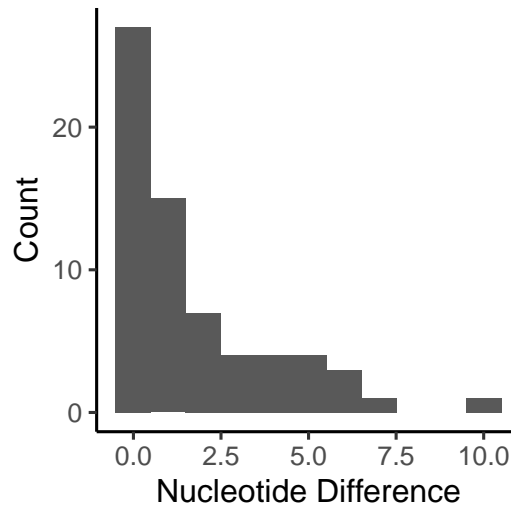
IGKV1-6*01

47 sequences assigned
23 (48.9%) exact matches, in which:
23 unique CDR3
5 unique J



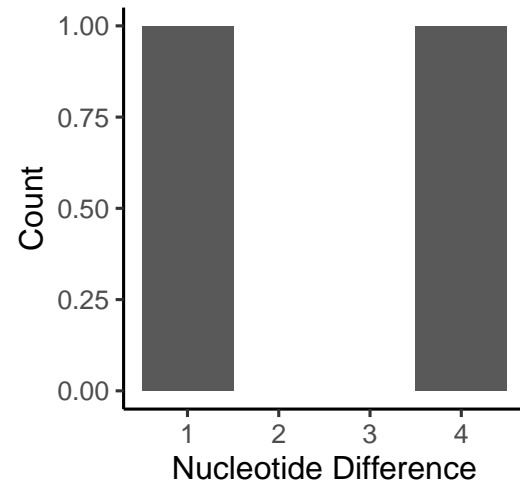
IGKV1-16*02

66 sequences assigned
27 (40.9%) exact matches, in which:
23 unique CDR3
5 unique J



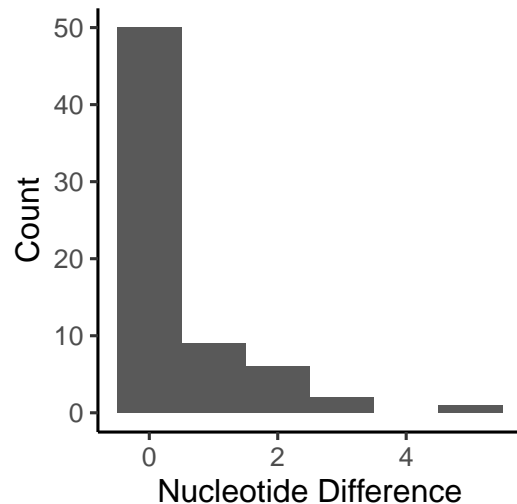
IGKV2-18*01

2 sequences assigned
No exact matches.



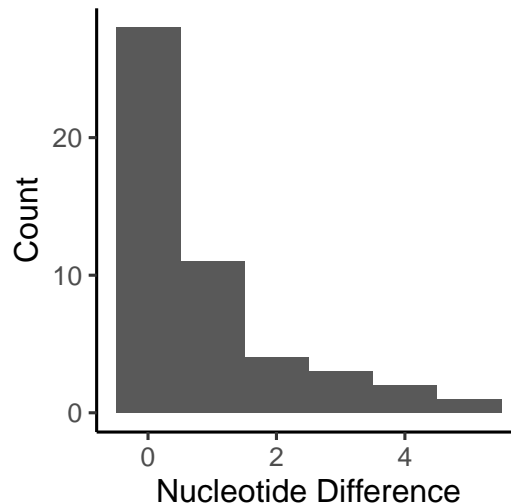
IGKV1-8*01

68 sequences assigned
50 (73.5%) exact matches, in which:
44 unique CDR3
5 unique J



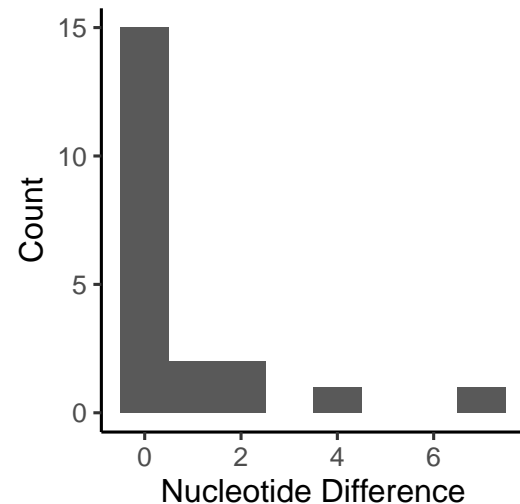
IGKV1-17*01

49 sequences assigned
28 (57.1%) exact matches, in which:
27 unique CDR3
5 unique J



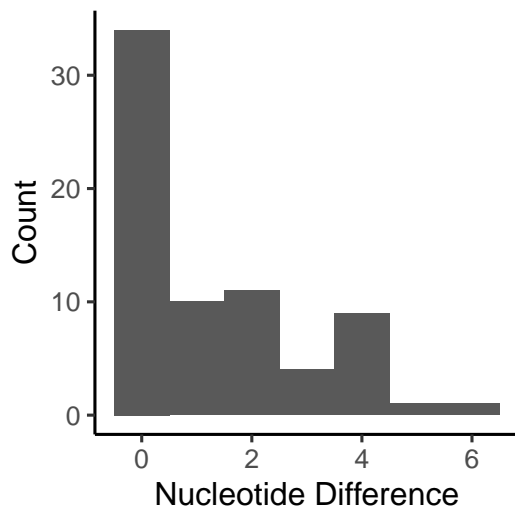
IGKV2-24*01

21 sequences assigned
15 (71.4%) exact matches, in which:
15 unique CDR3
4 unique J



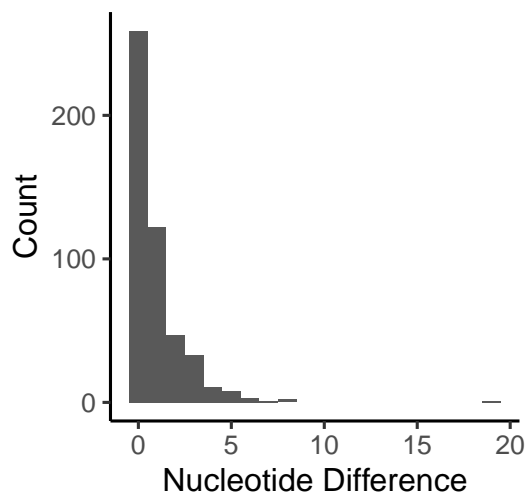
IGKV2–30*01

70 sequences assigned
34 (48.6%) exact matches, in which:
33 unique CDR3
5 unique J



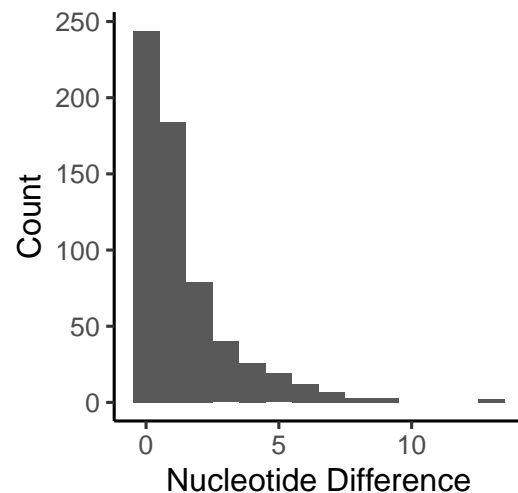
IGKV3–11*01

487 sequences assigned
259 (53.2%) exact matches, in which:
227 unique CDR3
5 unique J



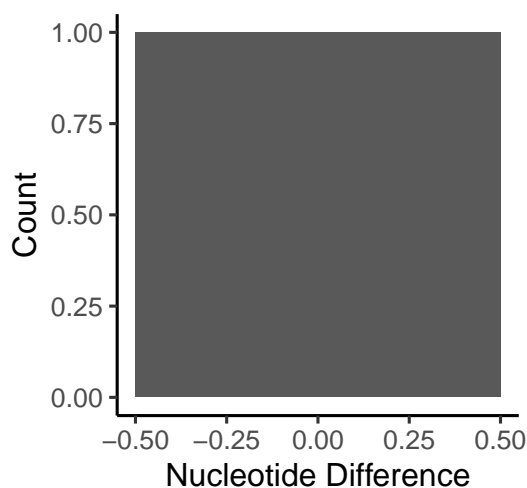
IGKV3–20*01

619 sequences assigned
244 (39.4%) exact matches, in which:
219 unique CDR3
5 unique J



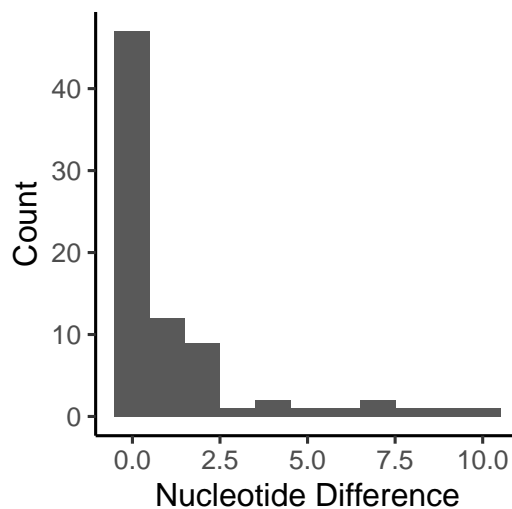
IGKV3/OR2–268*01

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



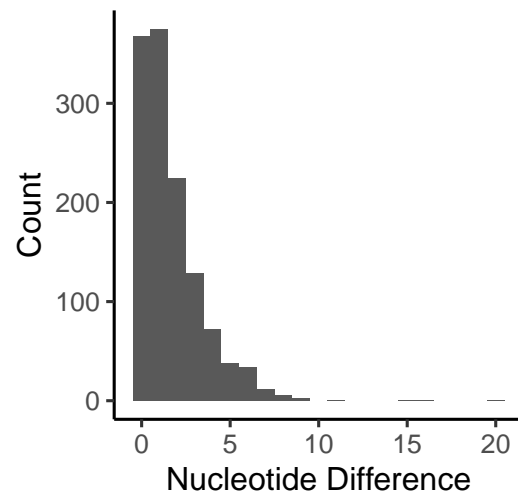
IGKV3–11*01_A223C

78 sequences assigned
47 (60.3%) exact matches, in which:
43 unique CDR3
5 unique J



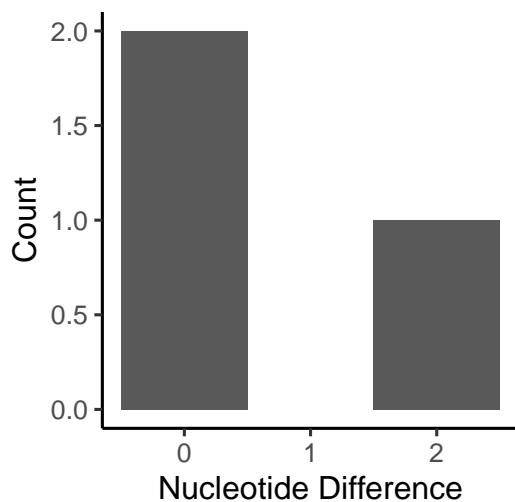
IGKV4–1*01

1265 sequences assigned
368 (29.1%) exact matches, in which:
272 unique CDR3
5 unique J



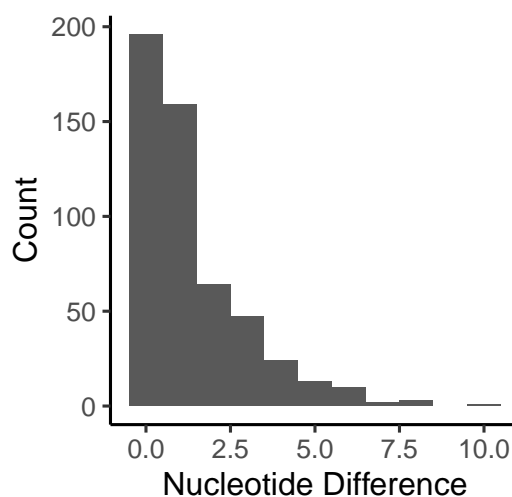
IGKV3–7*04

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



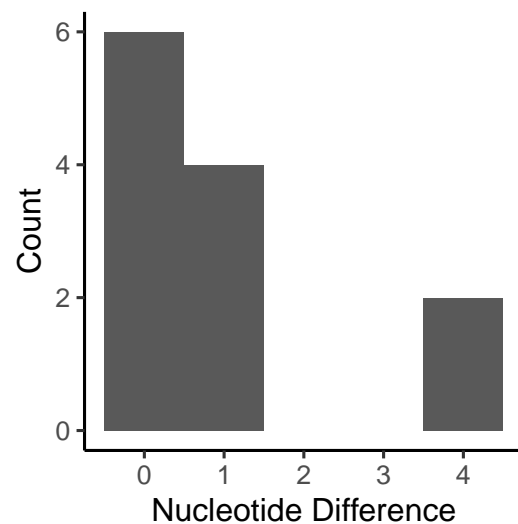
IGKV3–15*01

519 sequences assigned
196 (37.8%) exact matches, in which:
175 unique CDR3
5 unique J



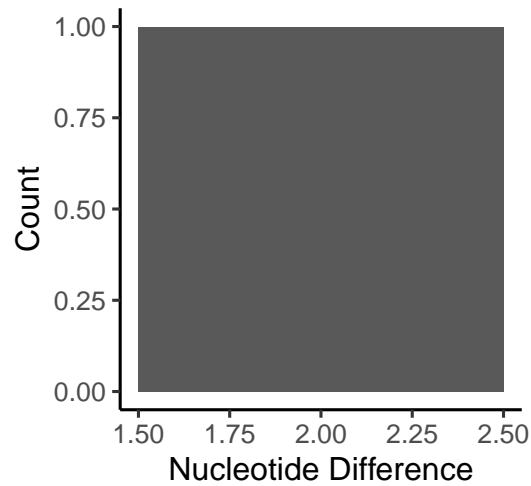
IGKV5–2*01

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



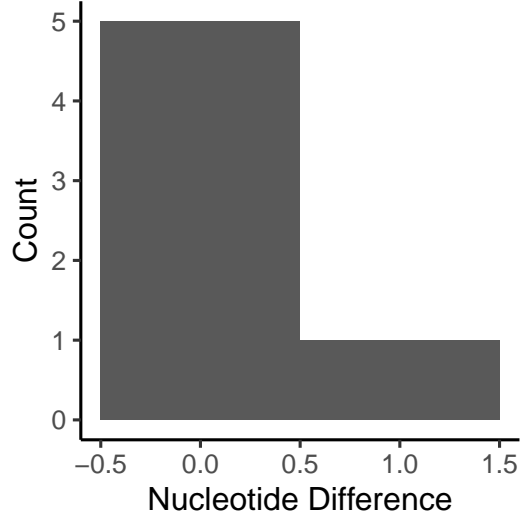
IGKV7-3*01

1 sequences assigned
No exact matches.



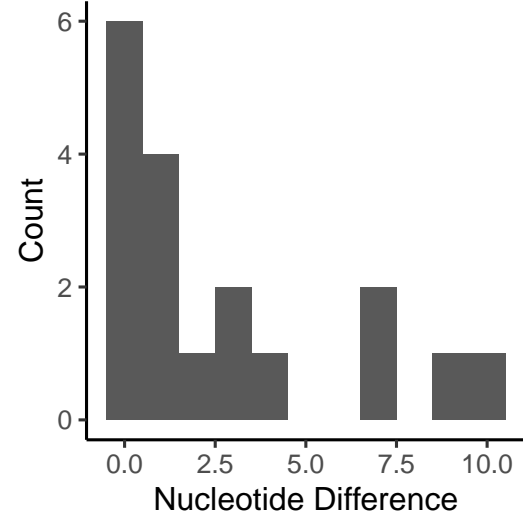
IGKV3D-11*01

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



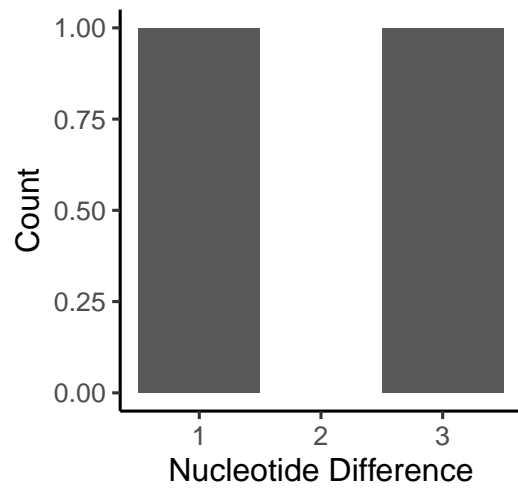
IGKV3D-20*01

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



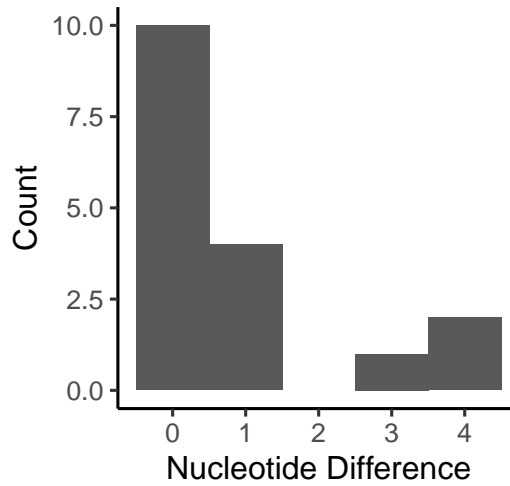
IGKV3D-7*01

2 sequences assigned
No exact matches.



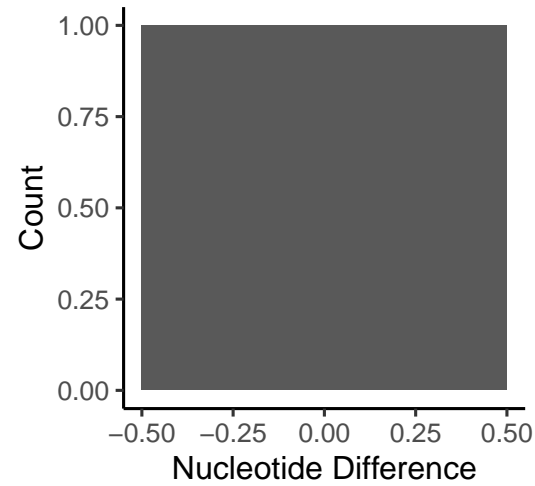
IGKV3D-15*01

17 sequences assigned
10 (58.8%) exact matches, in which:
9 unique CDR3
4 unique J



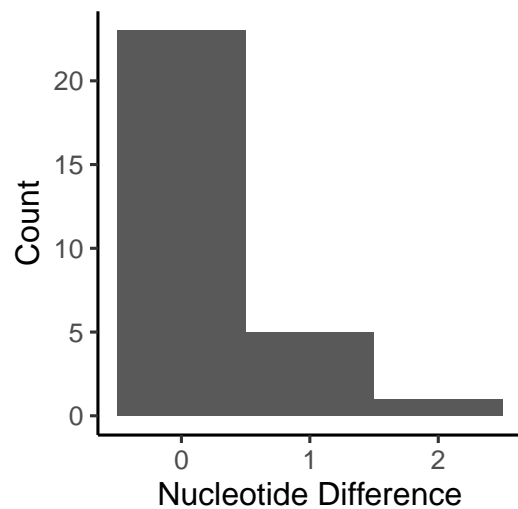
IGKV2D-26*03

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



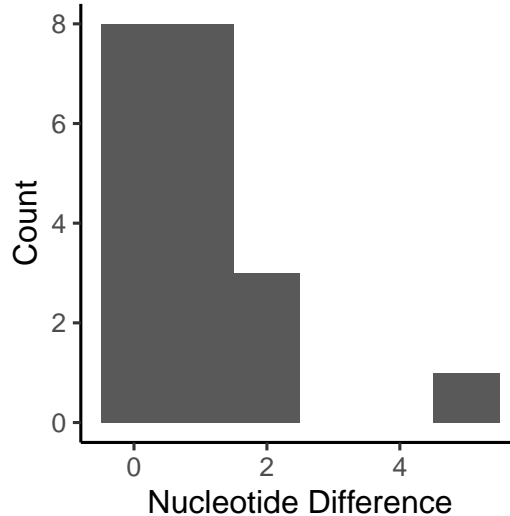
IGKV1D-8*01

29 sequences assigned
23 (79.3%) exact matches, in which:
19 unique CDR3
4 unique J



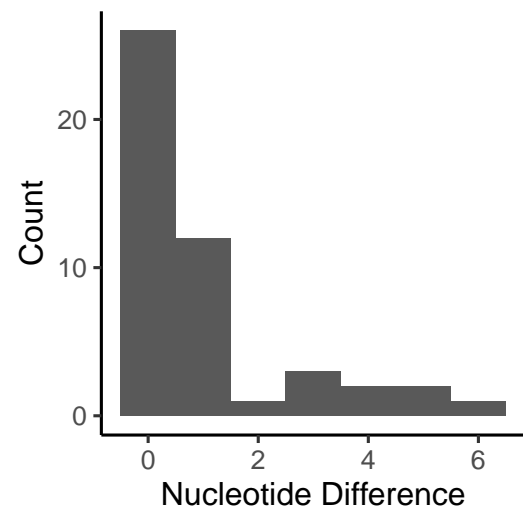
IGKV1D-16*01

20 sequences assigned
8 (40%) exact matches, in which:
4 unique CDR3
3 unique J



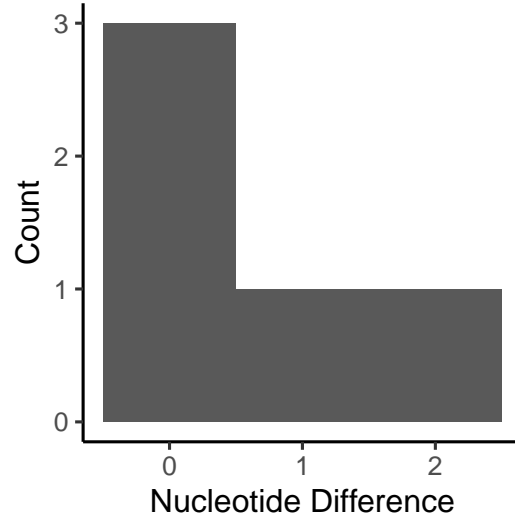
IGKV2D-29*01

48 sequences assigned
26 (54.2%) exact matches, in which:
24 unique CDR3
5 unique J



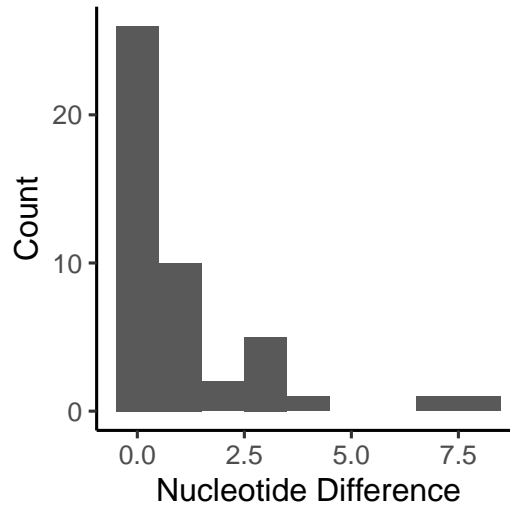
IGKV2D-30*01

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



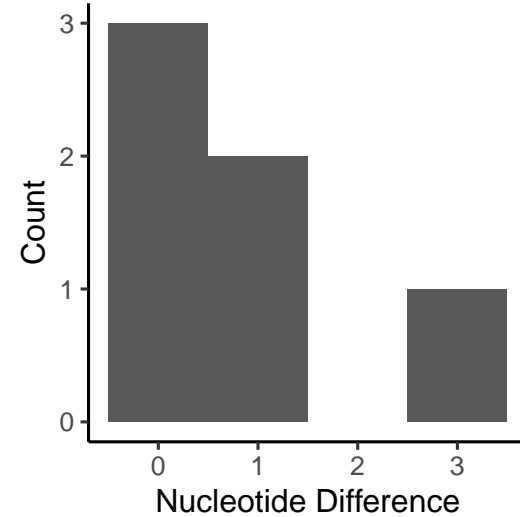
IGKV1E-12*03

46 sequences assigned
26 (56.5%) exact matches, in which:
26 unique CDR3
5 unique J



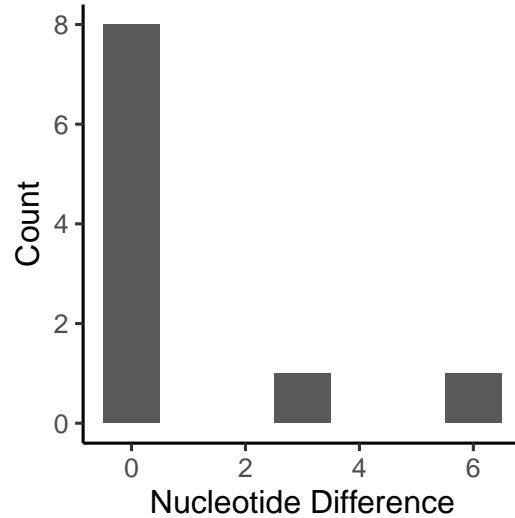
IGKV6E-21*03

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



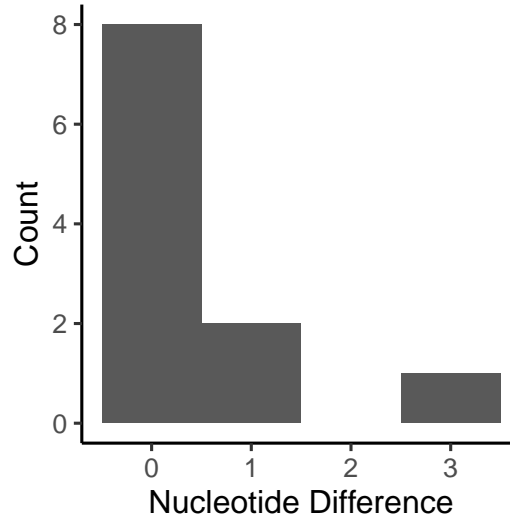
IGKV1D-43*01

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



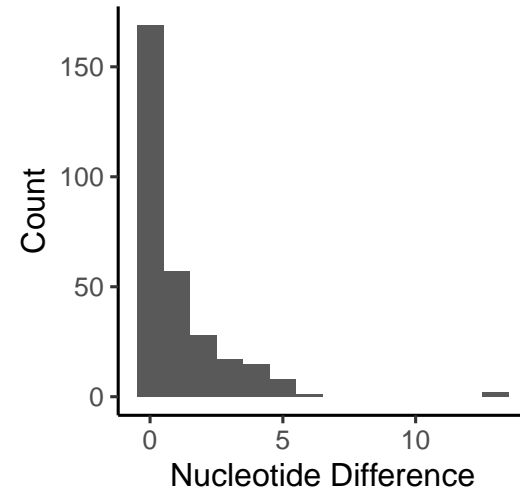
IGKV1E-13*03

11 sequences assigned
8 (72.7%) exact matches, in which:
8 unique CDR3
4 unique J



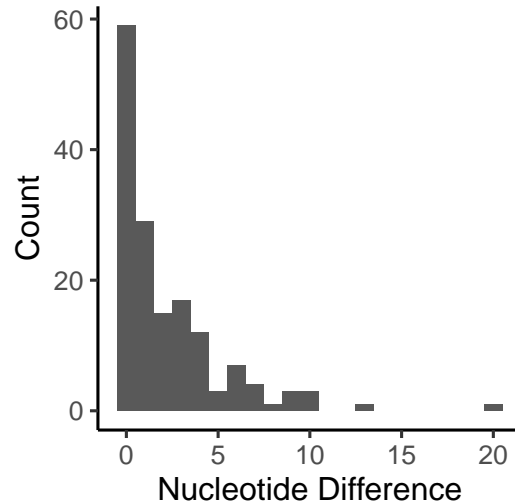
IGKV2E-28*01

300 sequences assigned
169 (56.3%) exact matches, in which:
149 unique CDR3
5 unique J



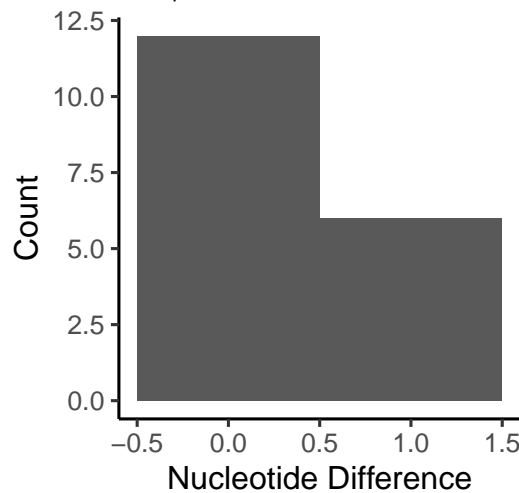
IGKV1E-12*01

155 sequences assigned
59 (38.1%) exact matches, in which:
52 unique CDR3
5 unique J



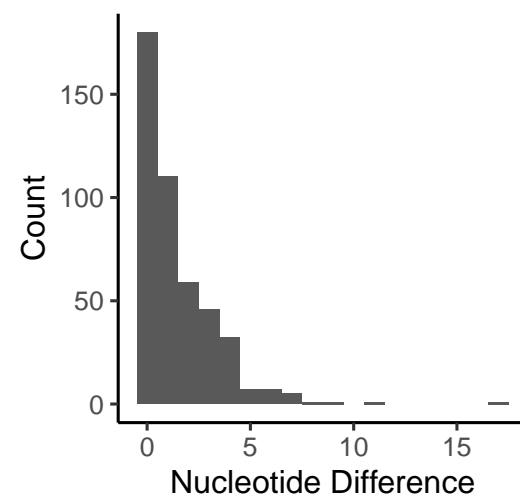
IGKV6E-21*01

18 sequences assigned
12 (66.7%) exact matches, in which:
12 unique CDR3
4 unique J



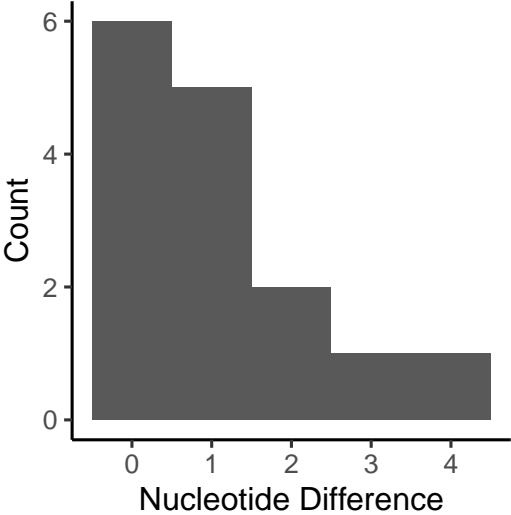
IGKV1E-33*01

450 sequences assigned
180 (40%) exact matches, in which:
151 unique CDR3
5 unique J



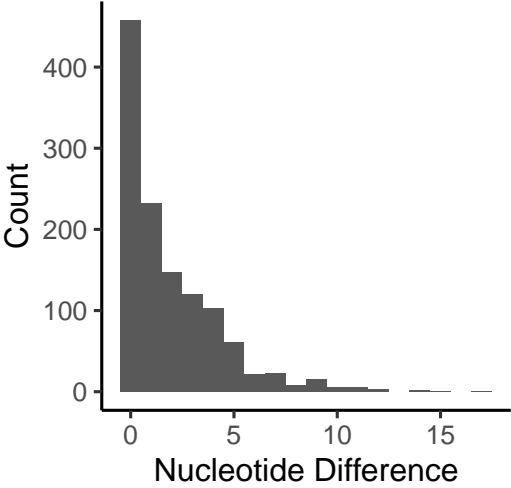
IGKV1E-37*01

15 sequences assigned
6 (40%) exact matches, in which:
6 unique CDR3
4 unique J



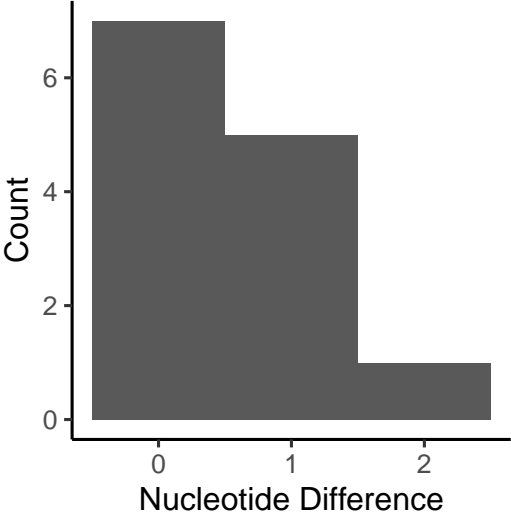
IGKV1E-39*01

1207 sequences assigned
458 (37.9%) exact matches, in which:
388 unique CDR3
5 unique J



IGKV2E-40*01

13 sequences assigned
7 (53.8%) exact matches, in which:
7 unique CDR3
4 unique J





Warning – no inferred sequences found.