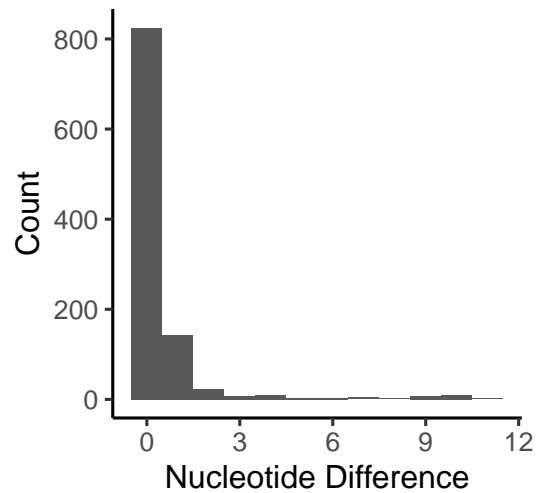


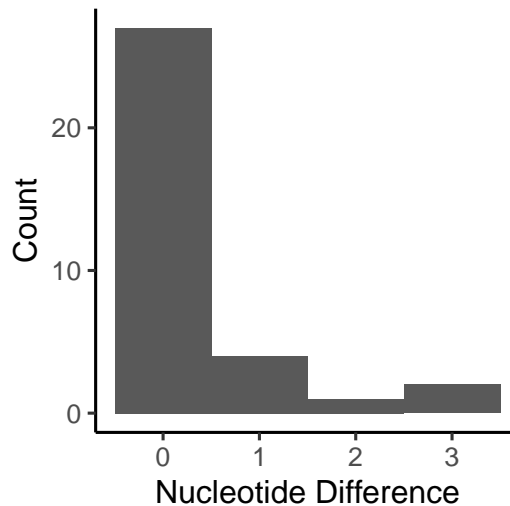
IGKV1-5*01

1038 sequences assigned
825 (79.5%) exact matches, in which:
677 unique CDR3
5 unique J



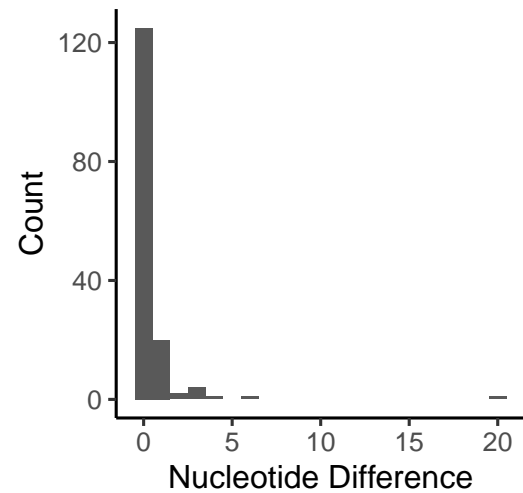
IGKV1-6*01_G9A

35 sequences assigned
27 (77.1%) exact matches, in which:
27 unique CDR3
4 unique J



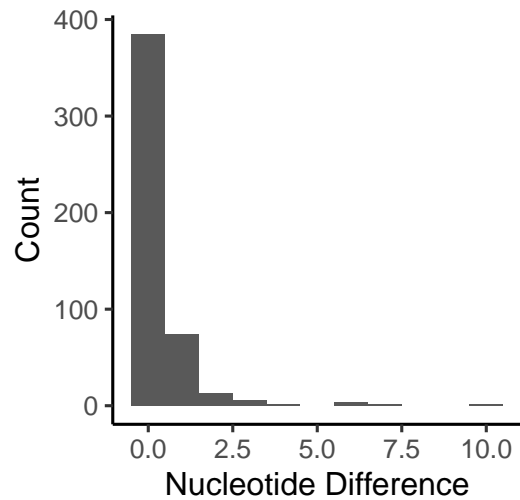
IGKV1-16*02

154 sequences assigned
125 (81.2%) exact matches, in which:
100 unique CDR3
5 unique J



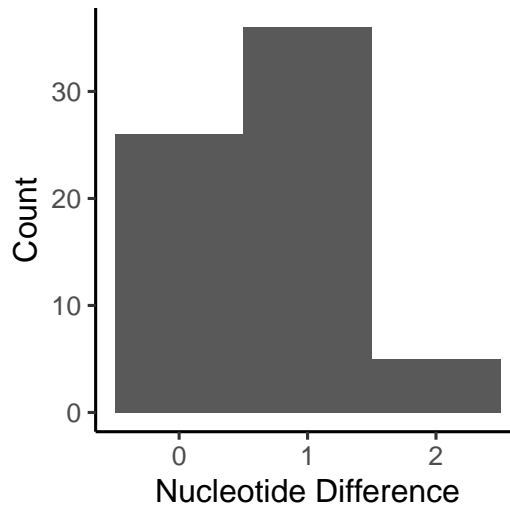
IGKV1-5*03

488 sequences assigned
385 (78.9%) exact matches, in which:
339 unique CDR3
5 unique J



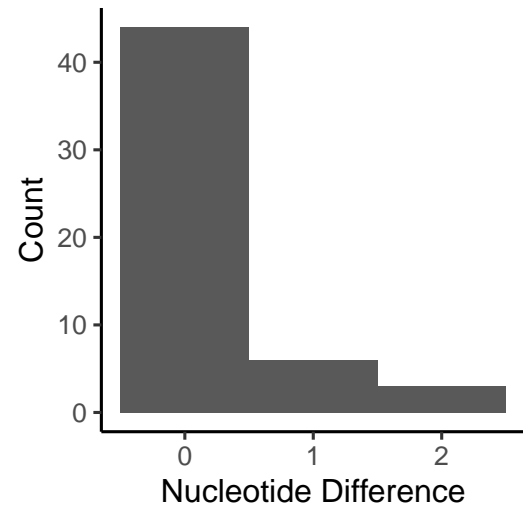
IGKV1-8*01

67 sequences assigned
26 (38.8%) exact matches, in which:
22 unique CDR3
5 unique J



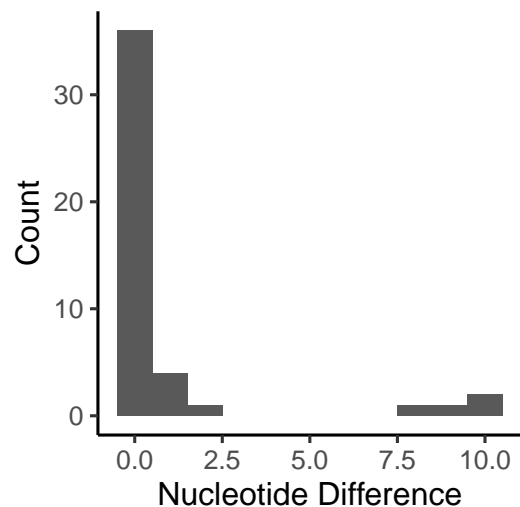
IGKV1-17*01

53 sequences assigned
44 (83%) exact matches, in which:
43 unique CDR3
5 unique J



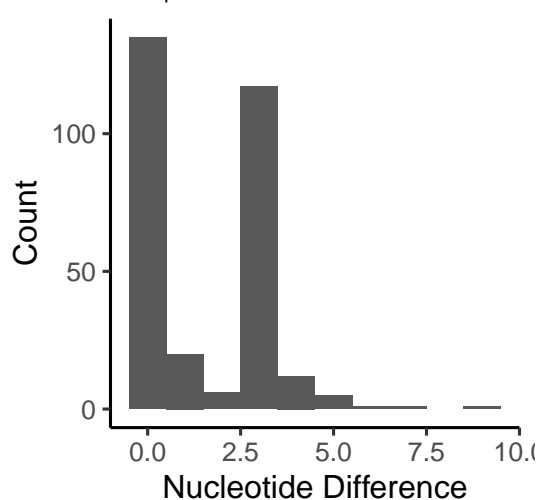
IGKV1-6*01

45 sequences assigned
36 (80%) exact matches, in which:
30 unique CDR3
5 unique J



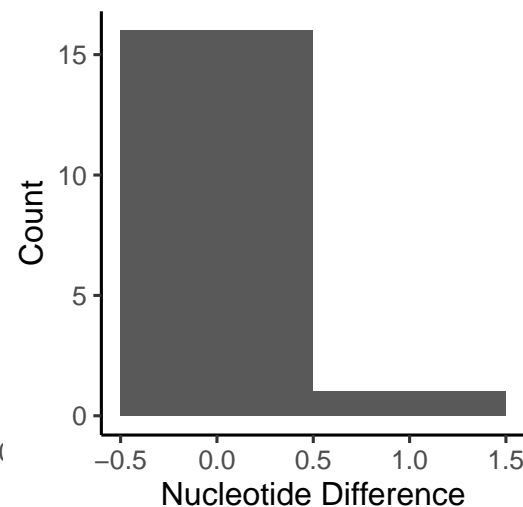
IGKV1-9*01

298 sequences assigned
135 (45.3%) exact matches, in which:
114 unique CDR3
5 unique J



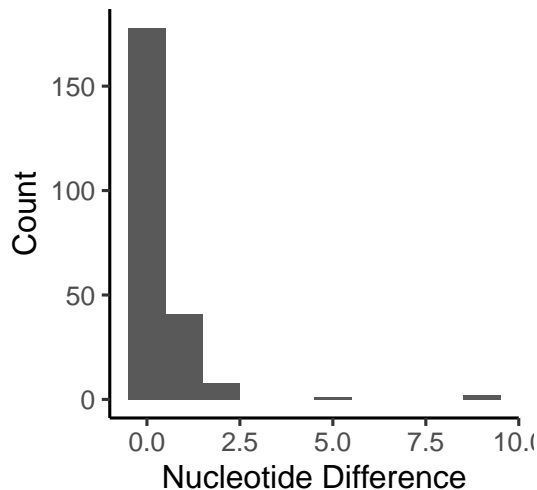
IGKV1-17*03

17 sequences assigned
16 (94.1%) exact matches, in which:
15 unique CDR3
5 unique J



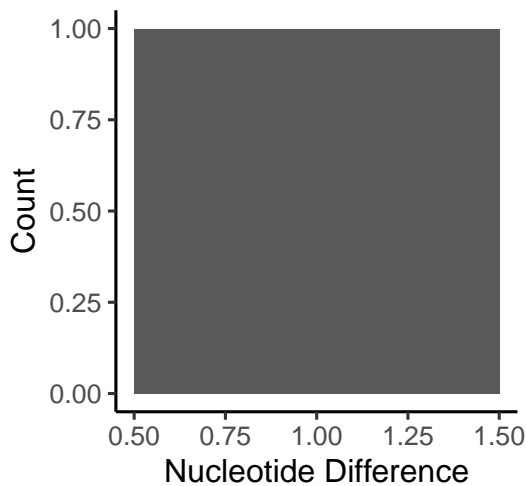
IGKV1–27*01

230 sequences assigned
178 (77.4%) exact matches, in which:
152 unique CDR3
5 unique J



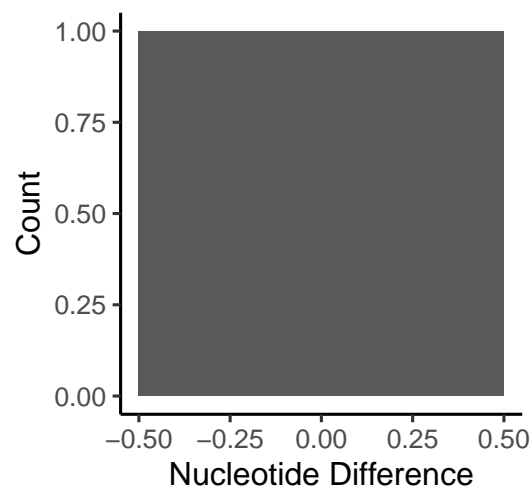
IGKV2–18*01

1 sequences assigned
No exact matches.



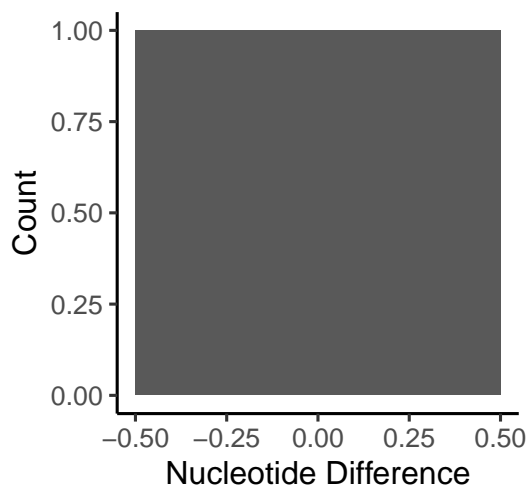
IGKV1/OR2–108*01

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



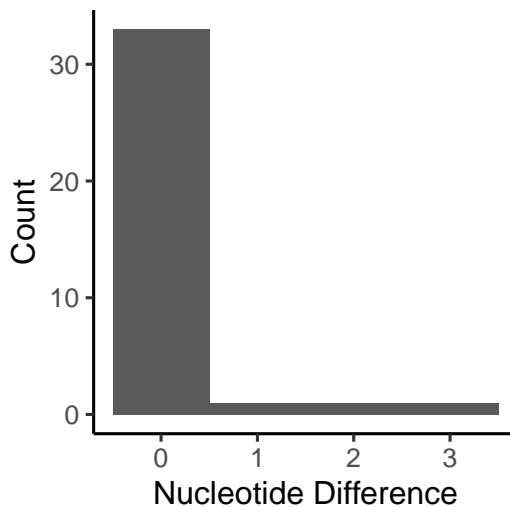
IGKV1/OR2–0*01

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



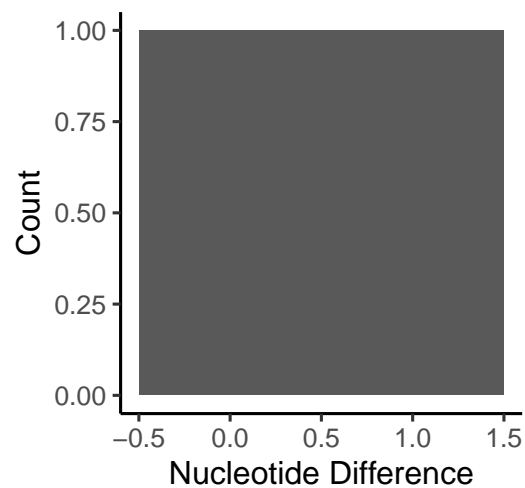
IGKV2–24*01

36 sequences assigned
33 (91.7%) exact matches, in which:
29 unique CDR3
5 unique J



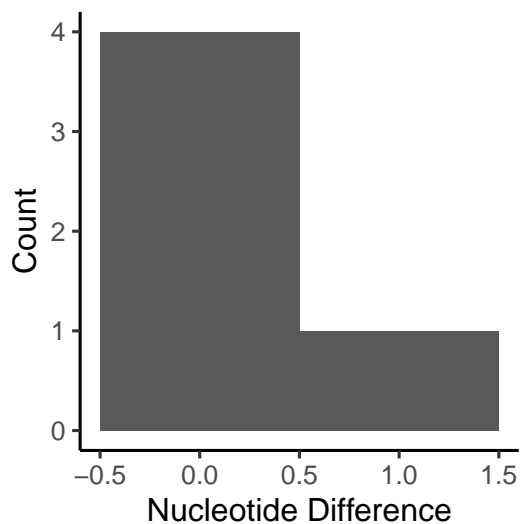
IGKV3/OR2–268*01

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



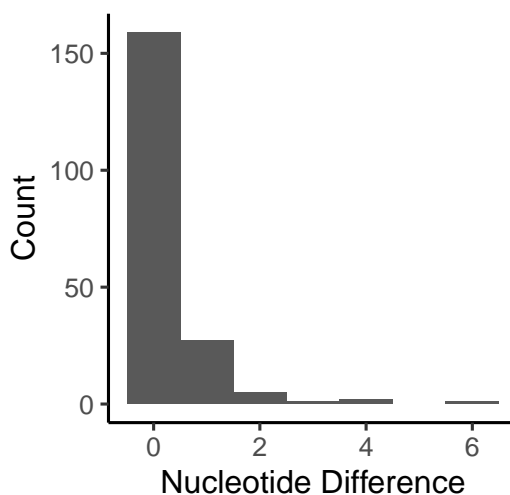
IGKV2/OR22–4*01

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



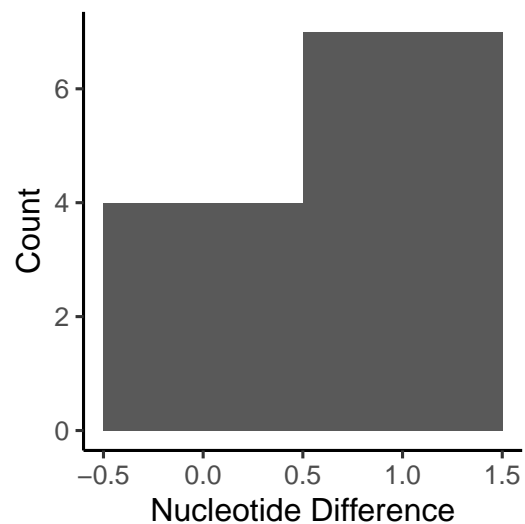
IGKV2–30*01

195 sequences assigned
159 (81.5%) exact matches, in which:
149 unique CDR3
5 unique J



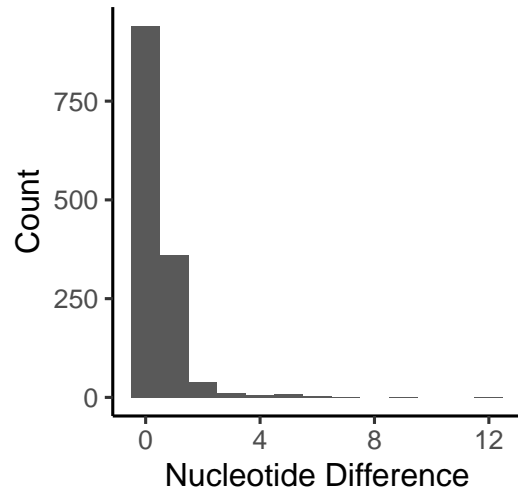
IGKV3–7*04

11 sequences assigned
4 (36.4%) exact matches, in which:
4 unique CDR3
3 unique J



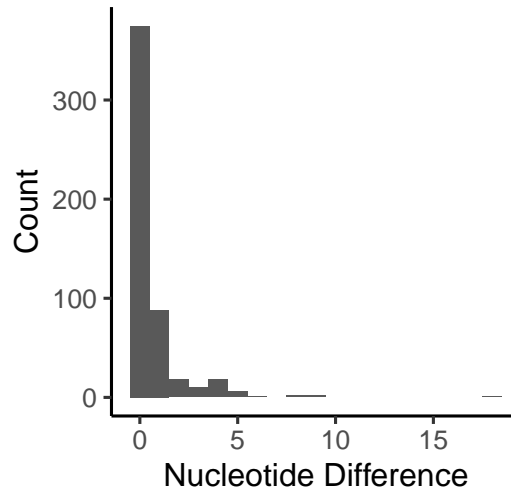
IGKV3–11*01

1374 sequences assigned
941 (68.5%) exact matches, in which:
730 unique CDR3
5 unique J



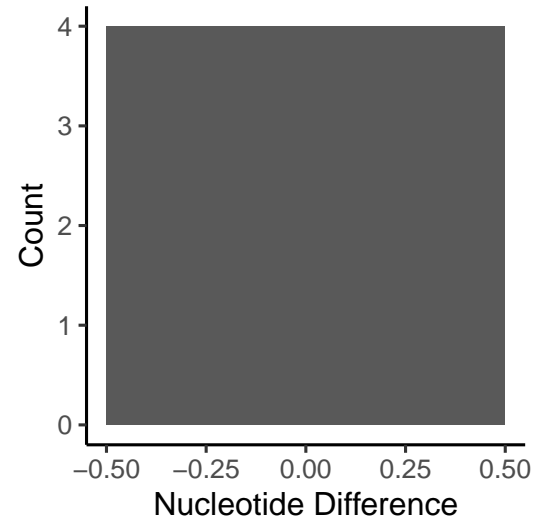
IGKV4–1*01

521 sequences assigned
375 (72%) exact matches, in which:
303 unique CDR3
5 unique J



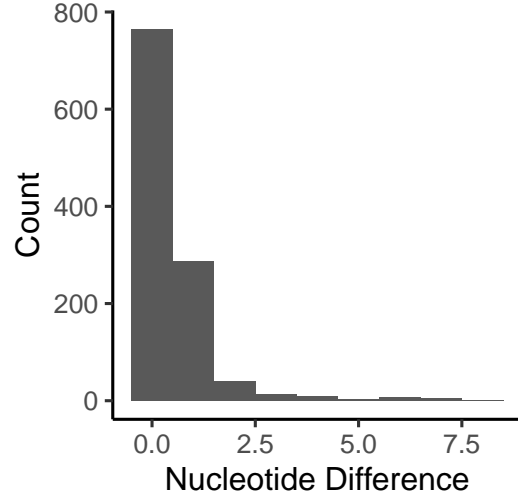
IGKV7–3*01

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



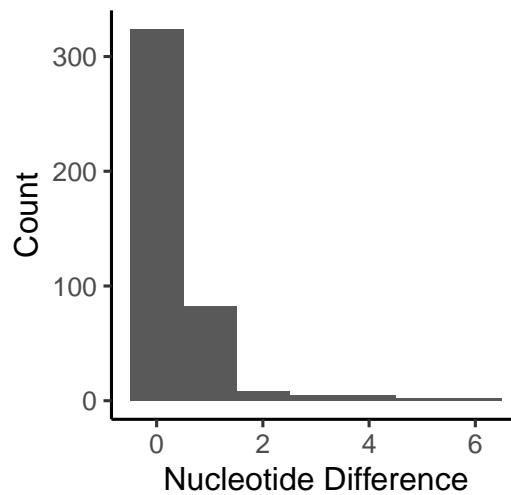
IGKV3–15*01

1136 sequences assigned
765 (67.3%) exact matches, in which:
618 unique CDR3
5 unique J



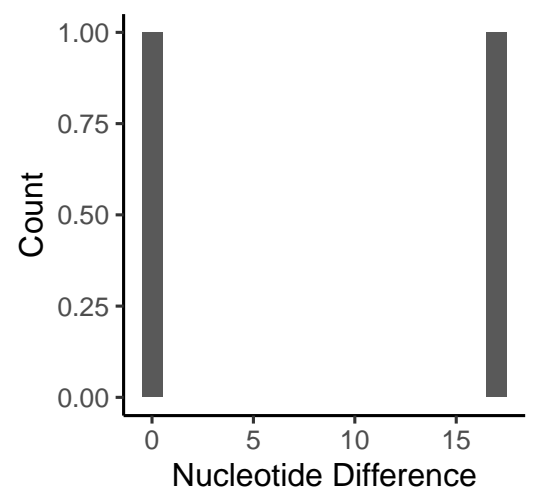
IGKV4–1*01_A318G

428 sequences assigned
324 (75.7%) exact matches, in which:
247 unique CDR3
5 unique J



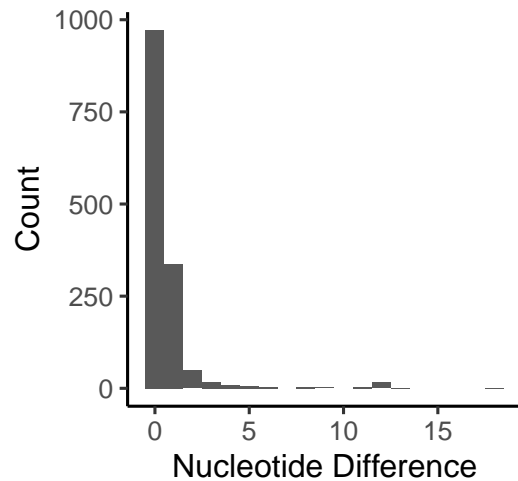
IGKV3D–7*01

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



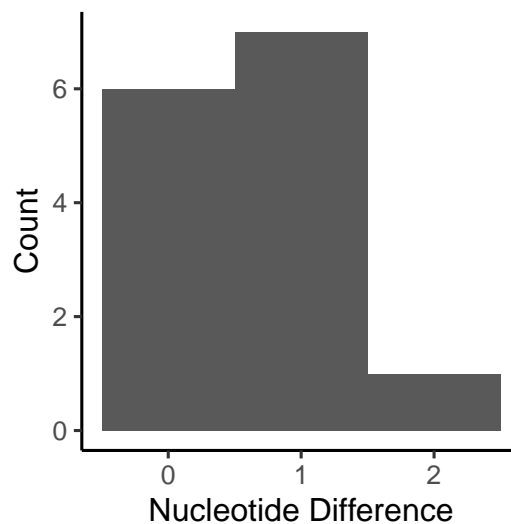
IGKV3–20*01

1420 sequences assigned
972 (68.5%) exact matches, in which:
778 unique CDR3
5 unique J



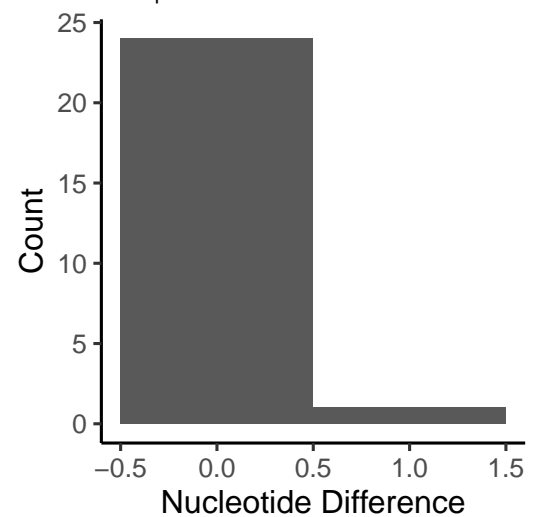
IGKV5–2*01

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



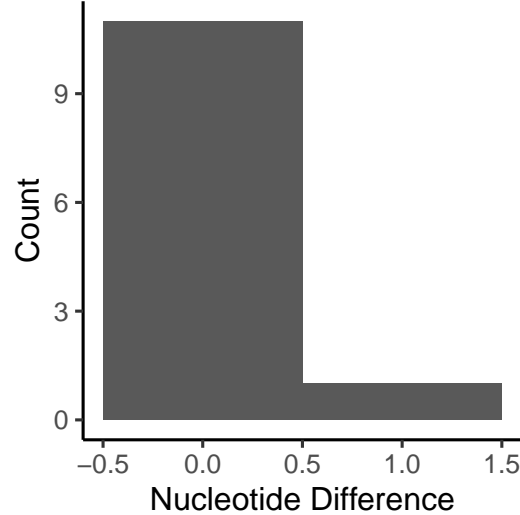
IGKV1D–8*01

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



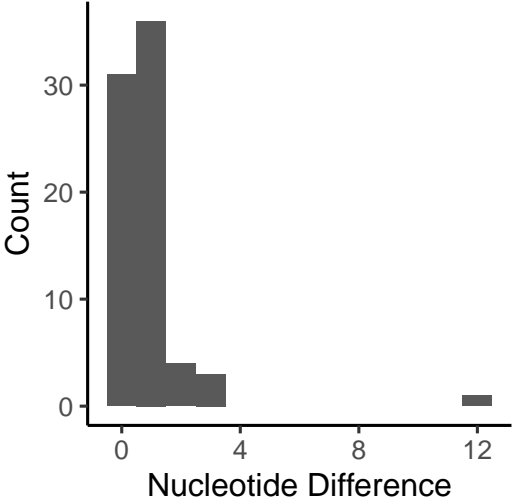
IGKV1D-8*03

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



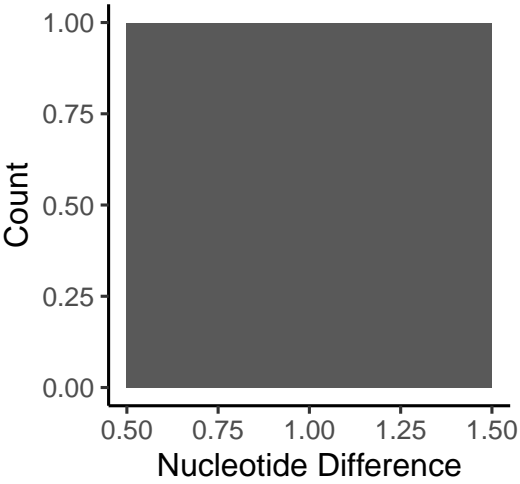
IGKV3D-15*01

75 sequences assigned
31 (41.3%) exact matches, in which:
27 unique CDR3
5 unique J



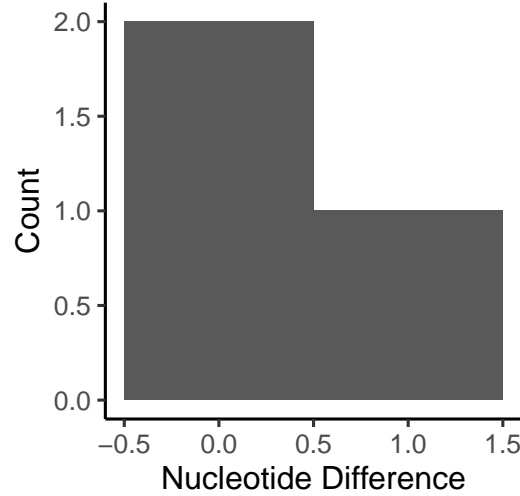
IGKV2D-18*01

1 sequences assigned
No exact matches.



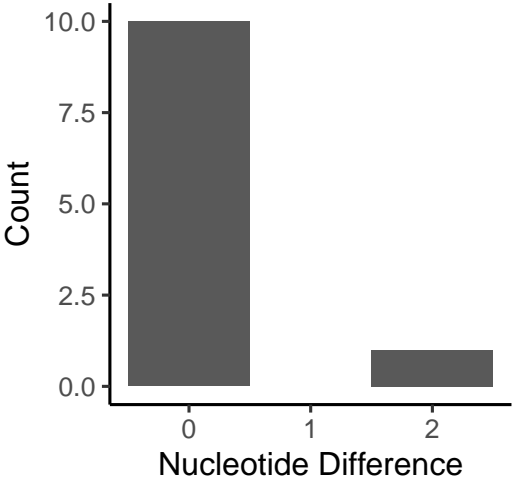
IGKV3D-11*01

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



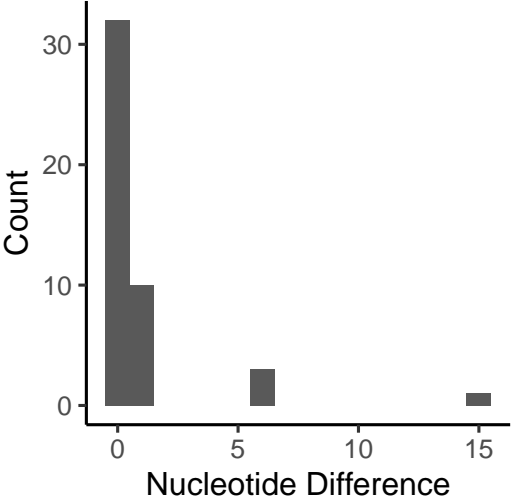
IGKV1D-16*01

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



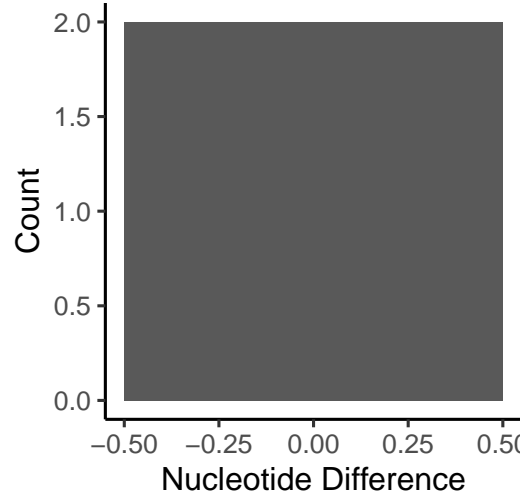
IGKV3D-20*01

46 sequences assigned
32 (69.6%) exact matches, in which:
29 unique CDR3
5 unique J



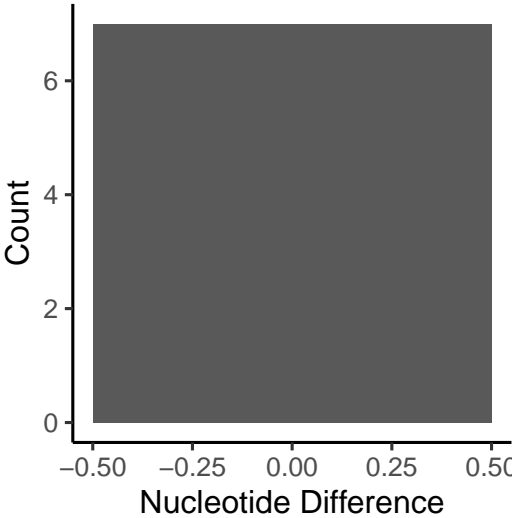
IGKV3D-11*02

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



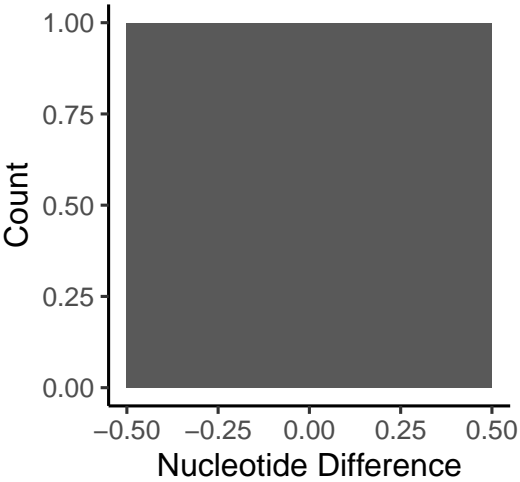
IGKV1D-16*02

7 sequences assigned
7 (100%) exact matches, in which:
7 unique CDR3
2 unique J



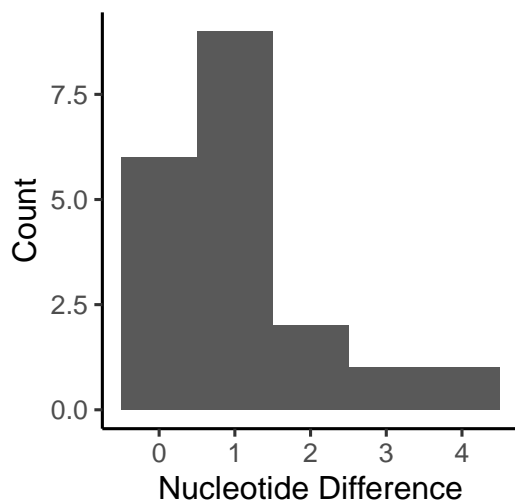
IGKV2D-24*01

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



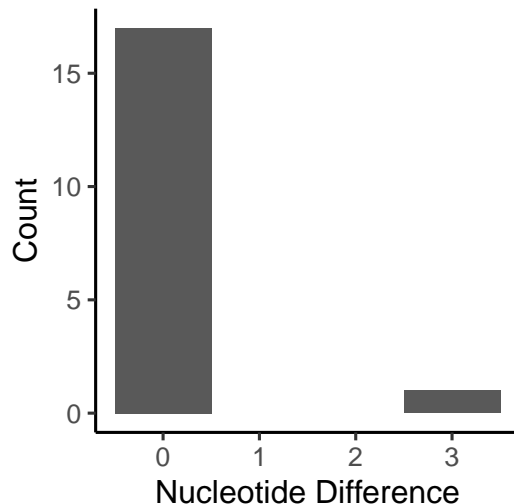
IGKV2D-26*03

19 sequences assigned
6 (31.6%) exact matches, in which:
6 unique CDR3
4 unique J



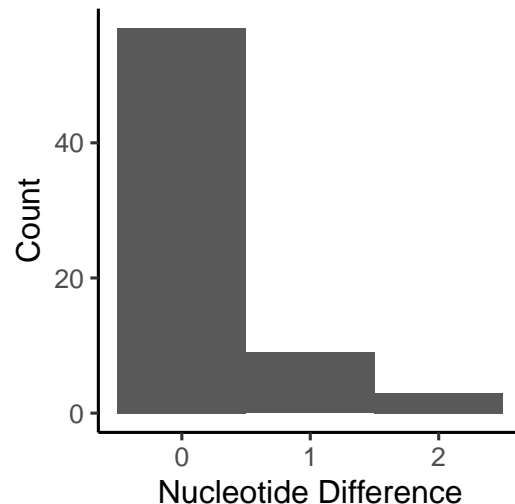
IGKV2D-30*01

18 sequences assigned
17 (94.4%) exact matches, in which:
17 unique CDR3
5 unique J



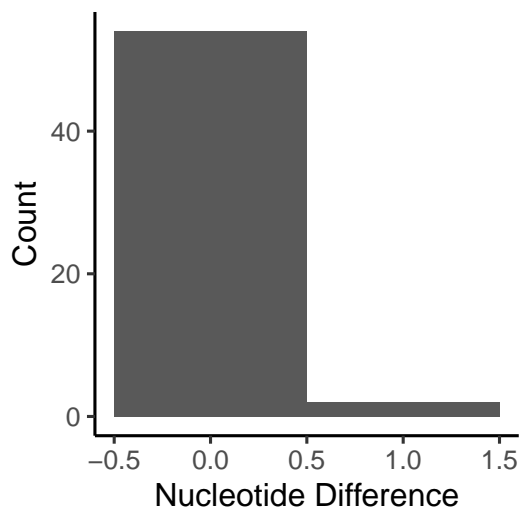
IGKV1E-12*01

69 sequences assigned
57 (82.6%) exact matches, in which:
44 unique CDR3
5 unique J



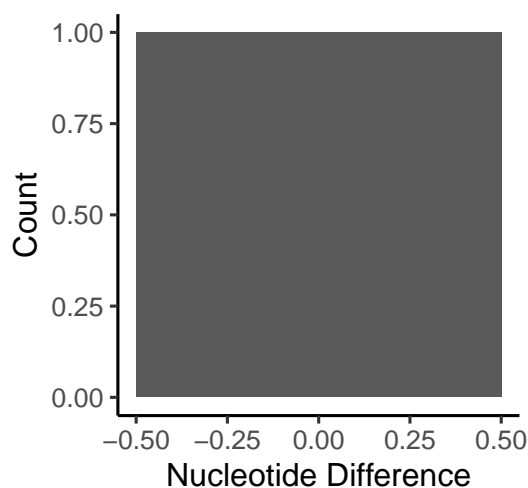
IGKV2D-29*01

56 sequences assigned
54 (96.4%) exact matches, in which:
52 unique CDR3
5 unique J



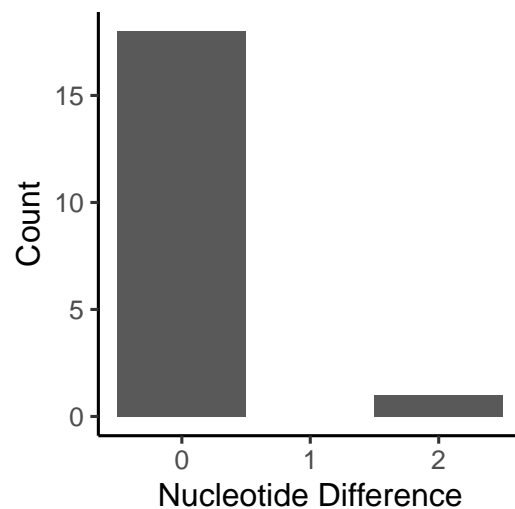
IGKV6D-41*01

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



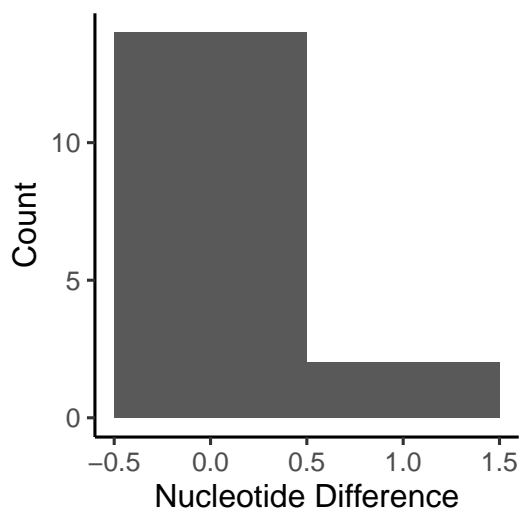
IGKV1E-12*02

19 sequences assigned
18 (94.7%) exact matches, in which:
14 unique CDR3
5 unique J



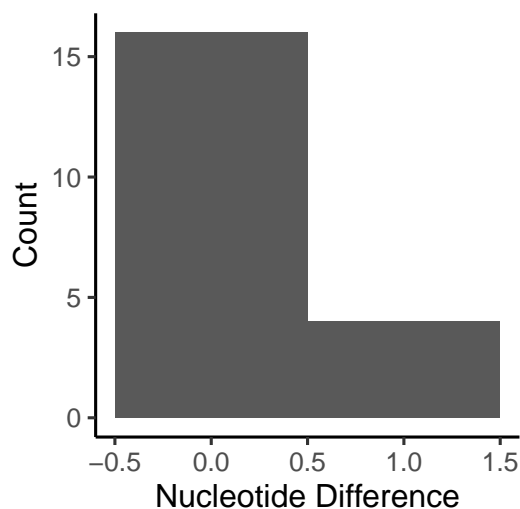
IGKV2D-29*02

16 sequences assigned
14 (87.5%) exact matches, in which:
13 unique CDR3
4 unique J



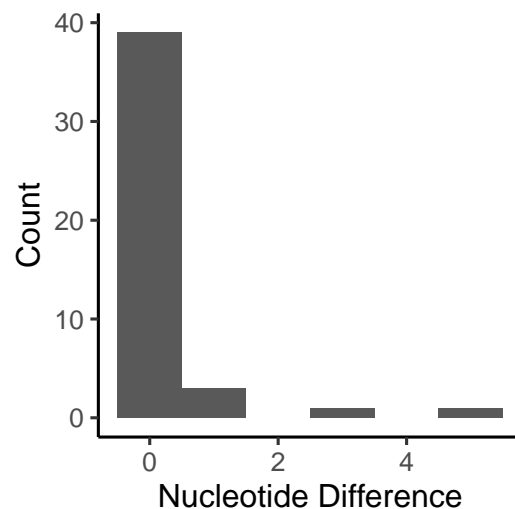
IGKV1D-43*01

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



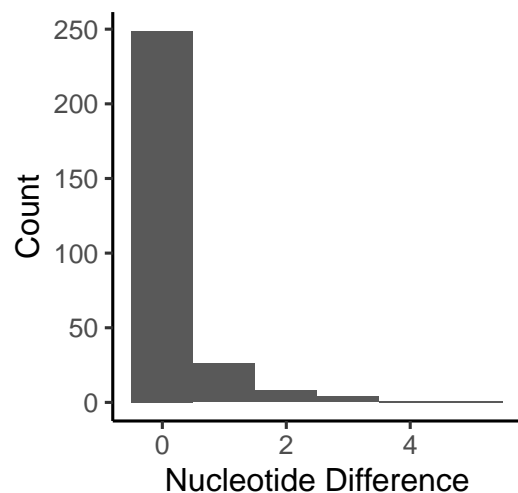
IGKV1E-12*03

44 sequences assigned
39 (88.6%) exact matches, in which:
36 unique CDR3
5 unique J



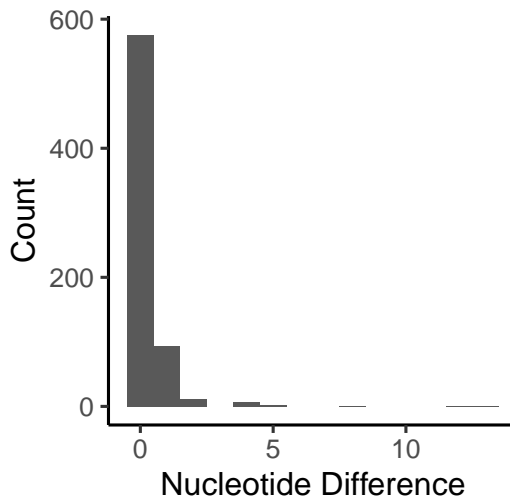
IGKV1E-13*02

289 sequences assigned
249 (86.2%) exact matches, in which:
207 unique CDR3
5 unique J



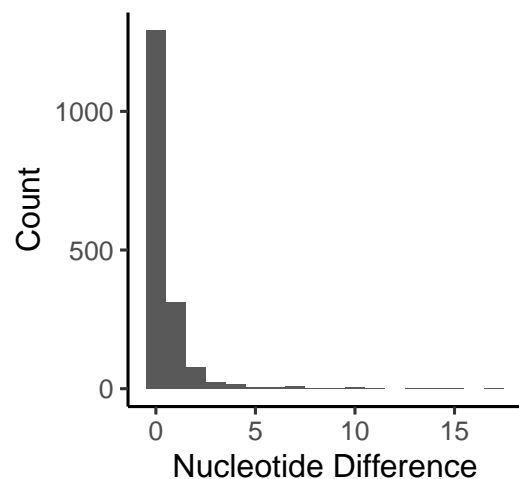
IGKV2E-28*01

693 sequences assigned
576 (83.1%) exact matches, in which:
475 unique CDR3
5 unique J



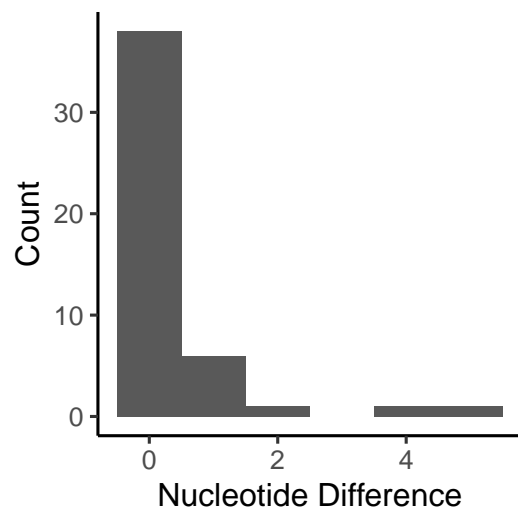
IGKV1E-39*01

1751 sequences assigned
1292 (73.8%) exact matches, in which:
975 unique CDR3
5 unique J



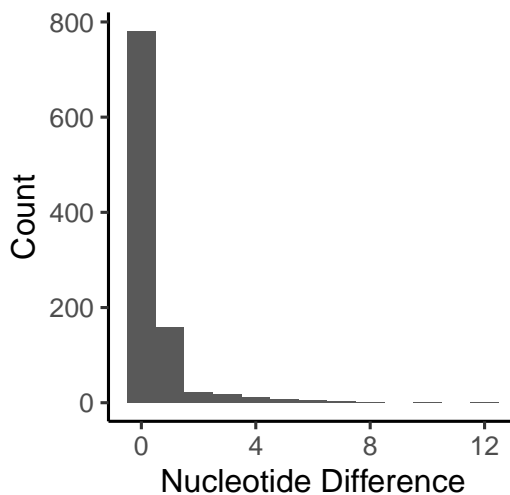
IGKV6E-21*01

47 sequences assigned
38 (80.9%) exact matches, in which:
31 unique CDR3
5 unique J



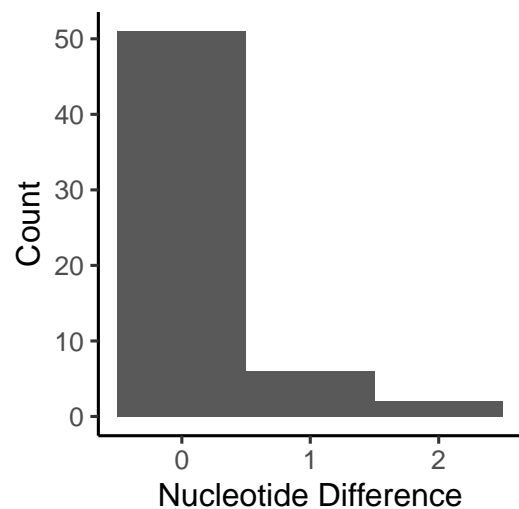
IGKV1E-33*01

1011 sequences assigned
781 (77.3%) exact matches, in which:
603 unique CDR3
5 unique J



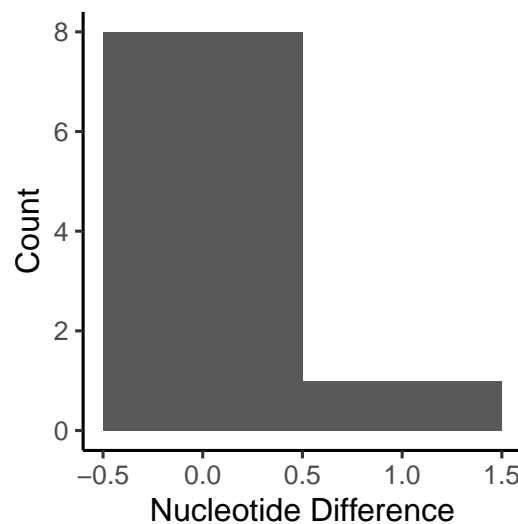
IGKV2E-40*01

59 sequences assigned
51 (86.4%) exact matches, in which:
43 unique CDR3
5 unique J



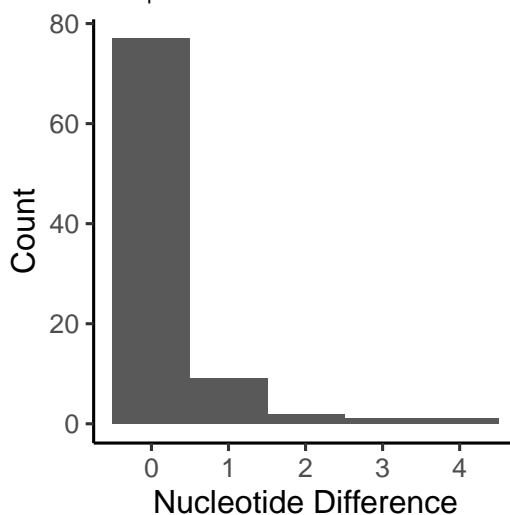
IGKV6E-21*03

9 sequences assigned
8 (88.9%) exact matches, in which:
7 unique CDR3
3 unique J



IGKV1E-37*01

90 sequences assigned
77 (85.6%) exact matches, in which:
73 unique CDR3
5 unique J





Warning – no inferred sequences found.