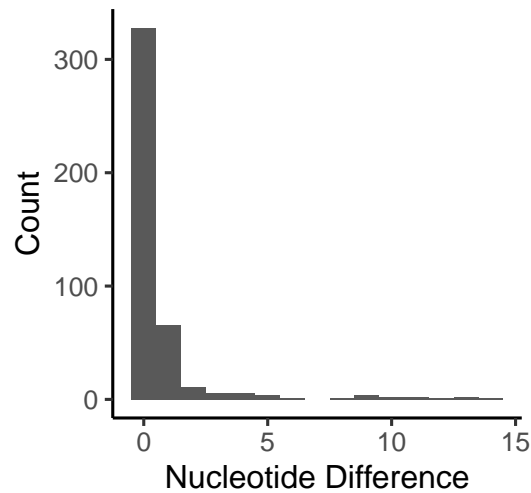


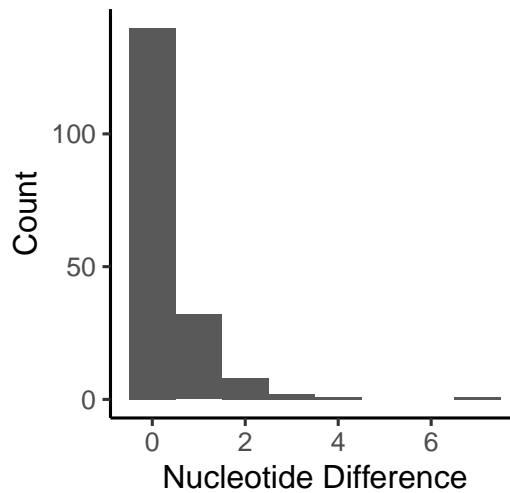
IGKV1–5*03

435 sequences assigned
328 (75.4%) exact matches, in which:
269 unique CDR3
5 unique J



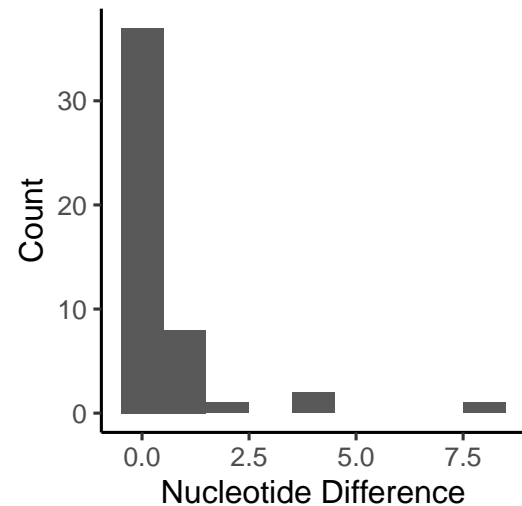
IGKV1–9*01

184 sequences assigned
140 (76.1%) exact matches, in which:
124 unique CDR3
5 unique J



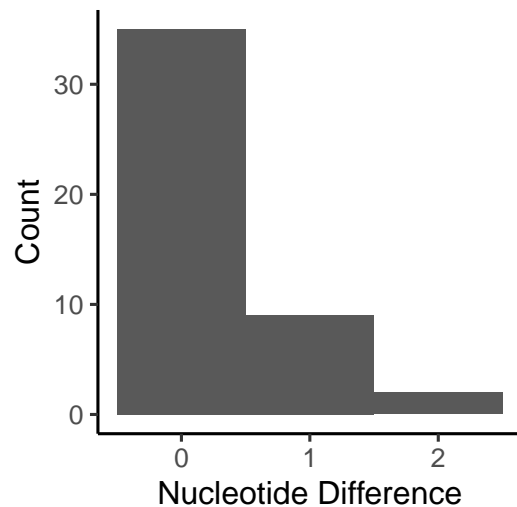
IGKV1–27*01

49 sequences assigned
37 (75.5%) exact matches, in which:
32 unique CDR3
5 unique J



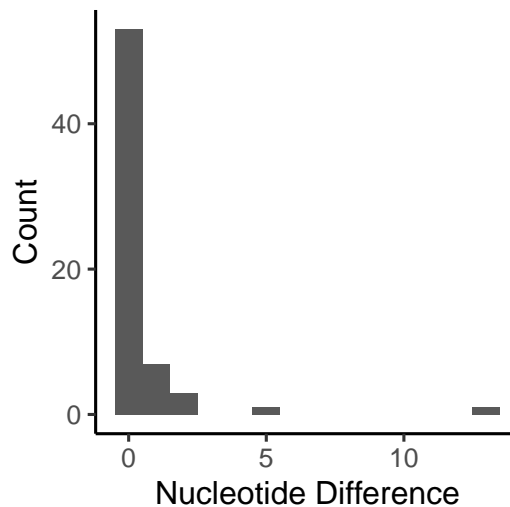
IGKV1–6*01

46 sequences assigned
35 (76.1%) exact matches, in which:
30 unique CDR3
4 unique J



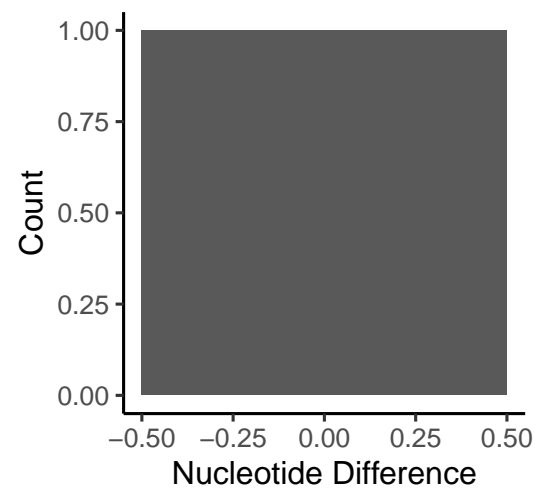
IGKV1–16*02

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



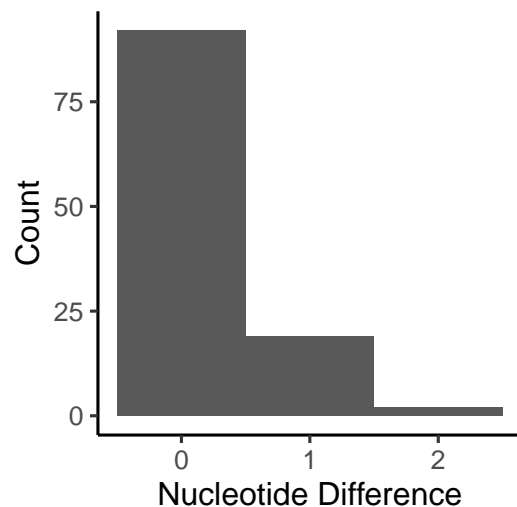
IGKV1/OR2–1*01

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



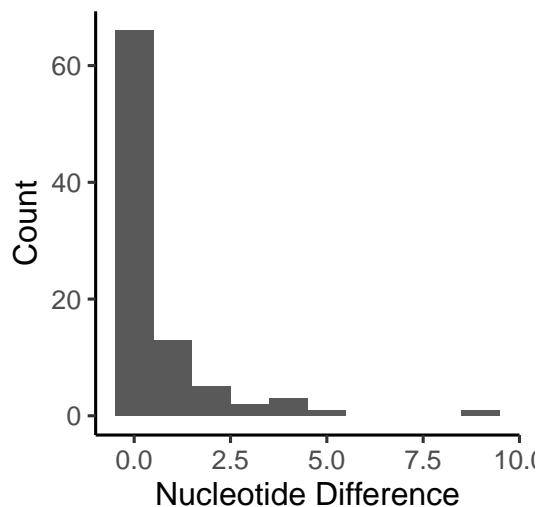
IGKV1–8*01

113 sequences assigned
92 (81.4%) exact matches, in which:
74 unique CDR3
5 unique J



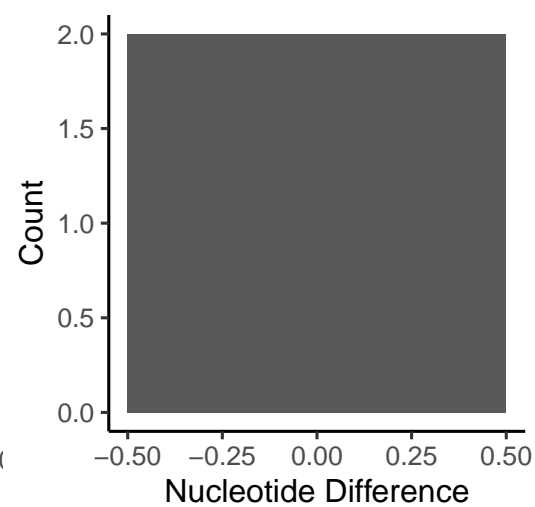
IGKV1–17*01

91 sequences assigned
66 (72.5%) exact matches, in which:
56 unique CDR3
5 unique J



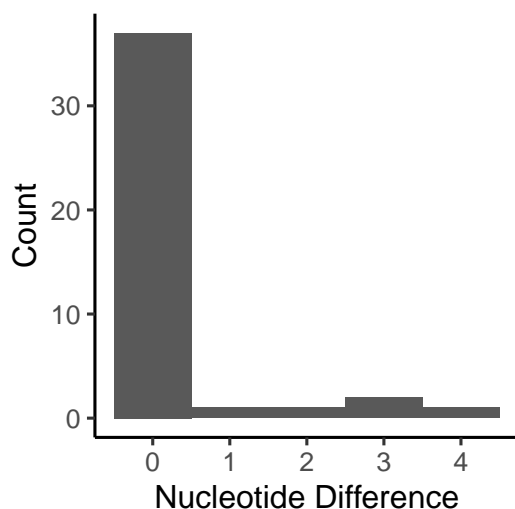
IGKV2/OR22–4*01

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



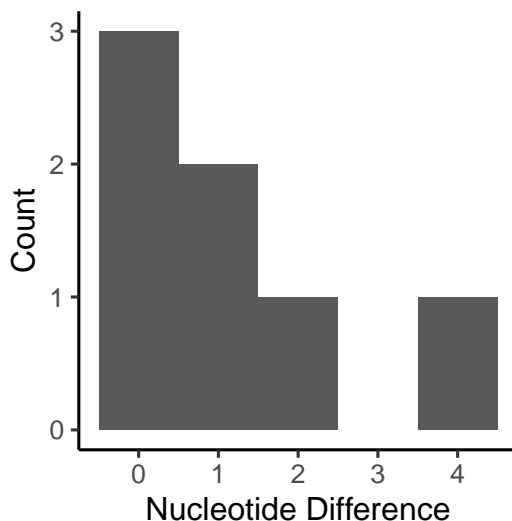
IGKV2-24*01

42 sequences assigned
37 (88.1%) exact matches, in which:
36 unique CDR3
5 unique J



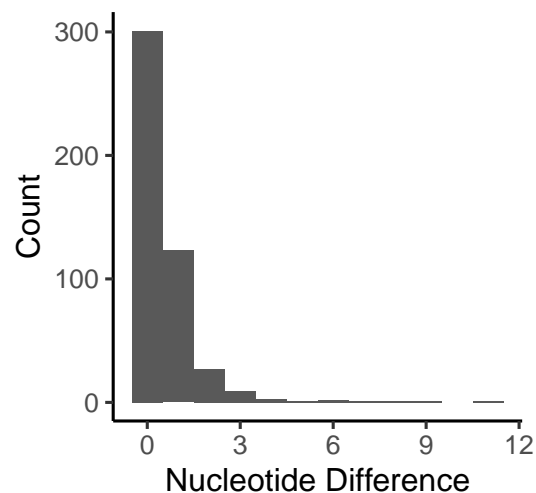
IGKV3-7*04

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



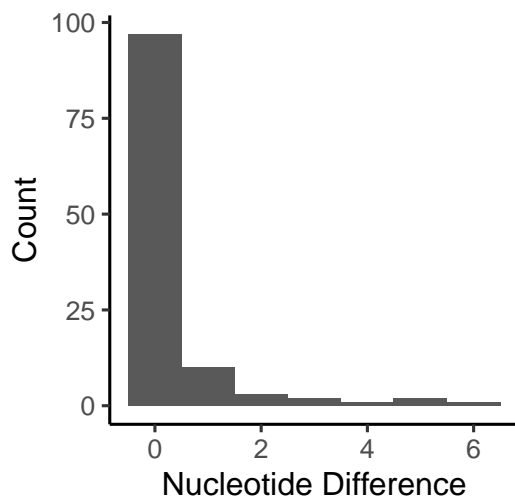
IGKV3-15*01

470 sequences assigned
301 (64%) exact matches, in which:
260 unique CDR3
5 unique J



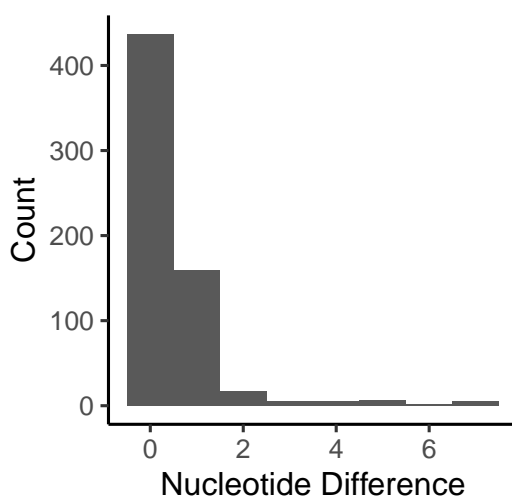
IGKV2-30*01

116 sequences assigned
97 (83.6%) exact matches, in which:
92 unique CDR3
5 unique J



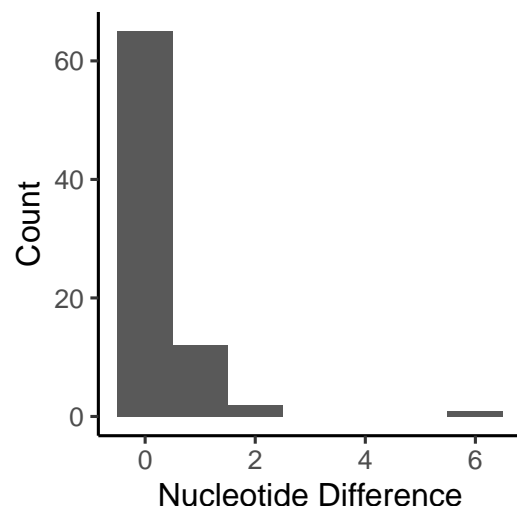
IGKV3-11*01

636 sequences assigned
437 (68.7%) exact matches, in which:
375 unique CDR3
5 unique J



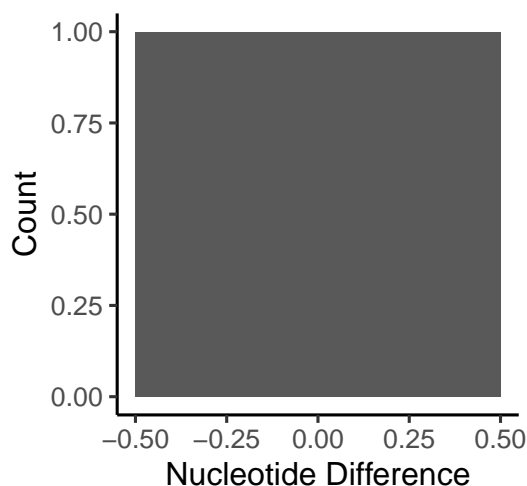
IGKV3-15*01_A223C

80 sequences assigned
65 (81.2%) exact matches, in which:
64 unique CDR3
5 unique J



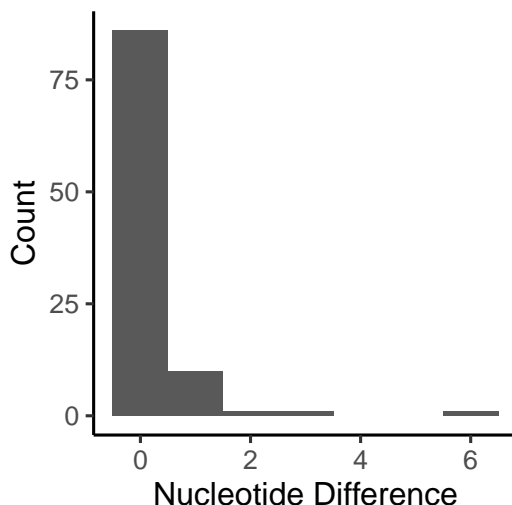
IGKV1/OR2-108*01

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



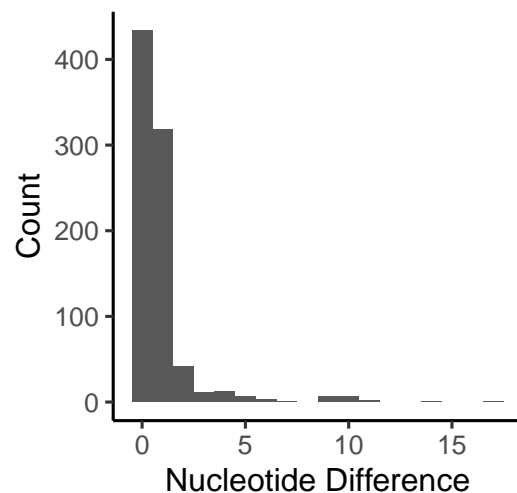
IGKV3-11*01_A223C

99 sequences assigned
86 (86.9%) exact matches, in which:
81 unique CDR3
5 unique J



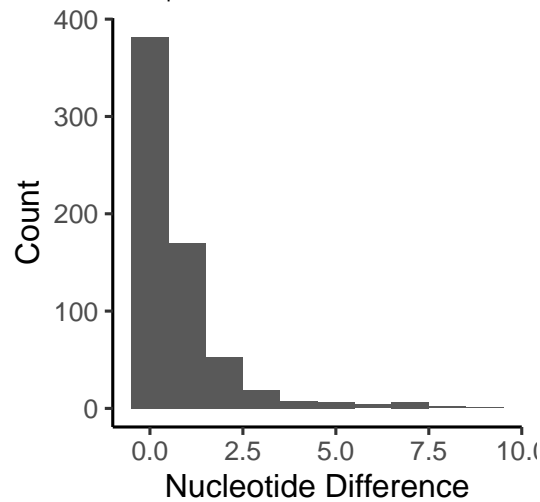
IGKV3-20*01

845 sequences assigned
434 (51.4%) exact matches, in which:
371 unique CDR3
5 unique J



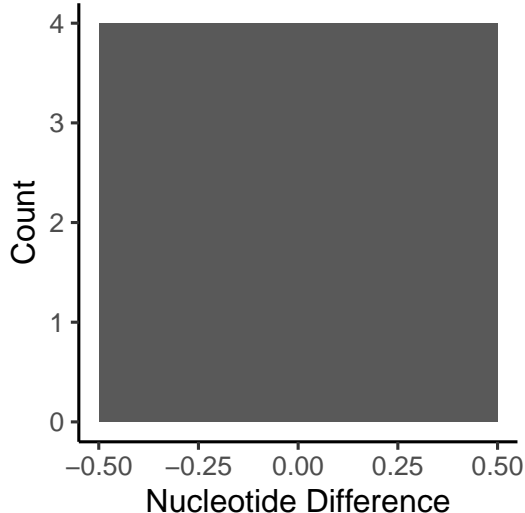
IGKV4-1*01

654 sequences assigned
382 (58.4%) exact matches, in which:
294 unique CDR3
5 unique J



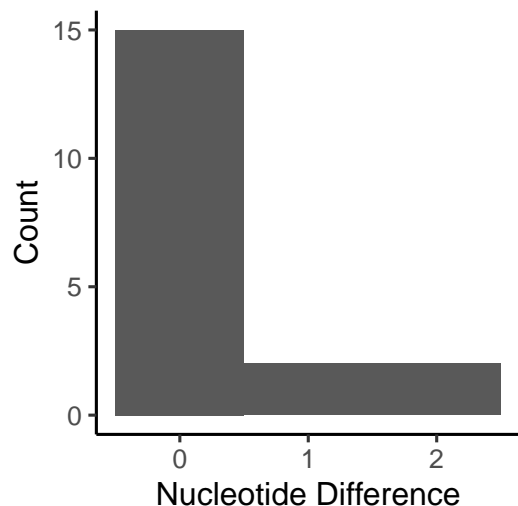
IGKV3D-7*01

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



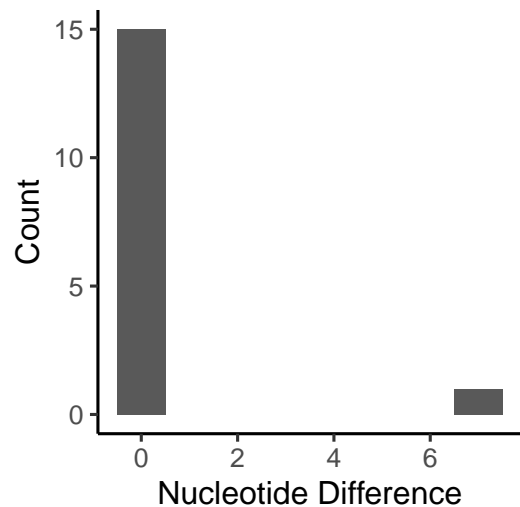
IGKV3D-15*01

19 sequences assigned
15 (78.9%) exact matches, in which:
14 unique CDR3
5 unique J



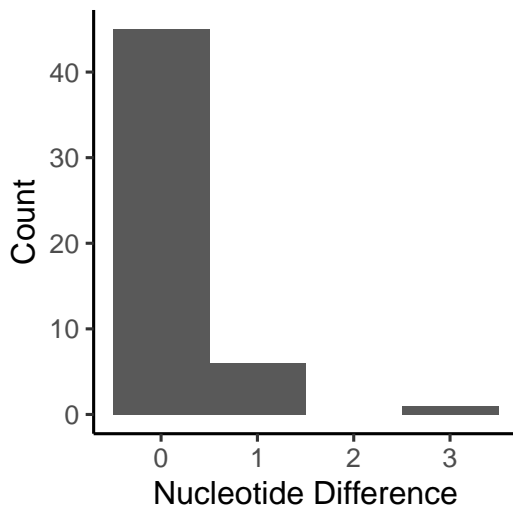
IGKV5-2*01

16 sequences assigned
15 (93.8%) exact matches, in which:
14 unique CDR3
4 unique J



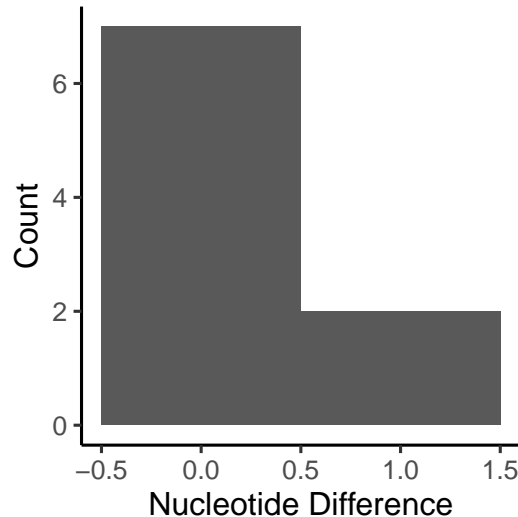
IGKV1D-8*01

52 sequences assigned
45 (86.5%) exact matches, in which:
34 unique CDR3
5 unique J



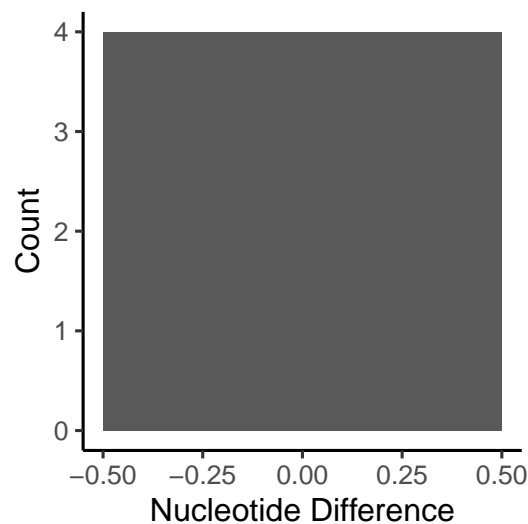
IGKV1D-16*01

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



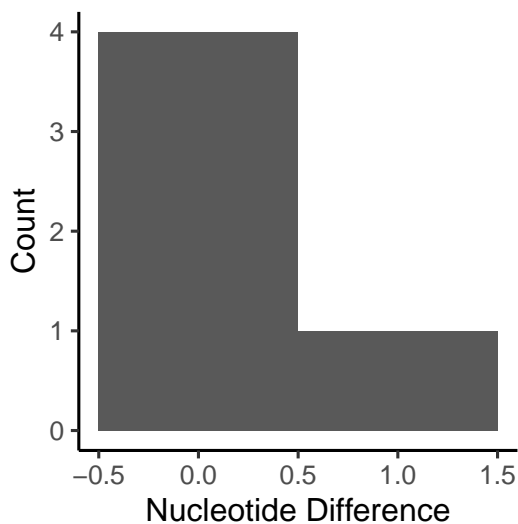
IGKV7-3*01

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



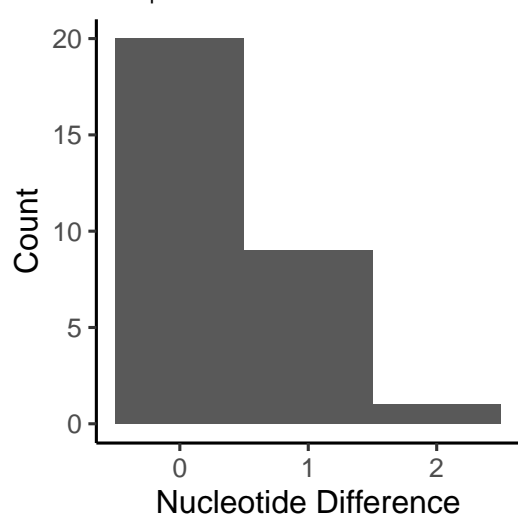
IGKV3D-11*01

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



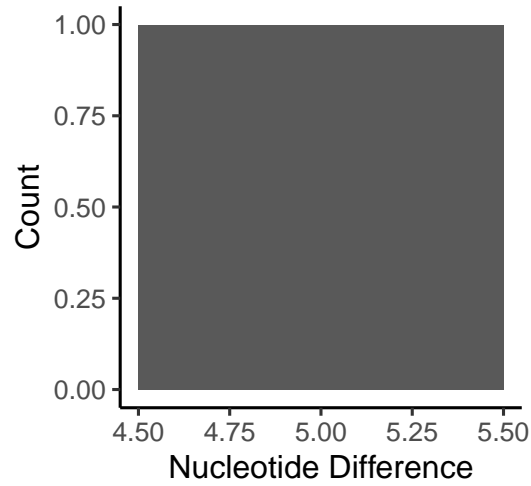
IGKV3D-20*01

30 sequences assigned
20 (66.7%) exact matches, in which:
18 unique CDR3
5 unique J



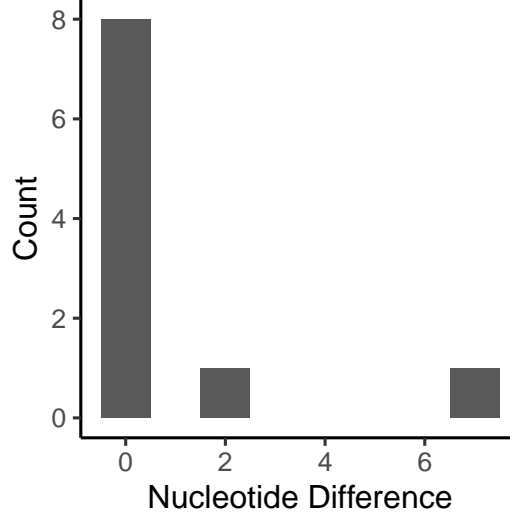
IGKV2D-24*01

1 sequences assigned
No exact matches.



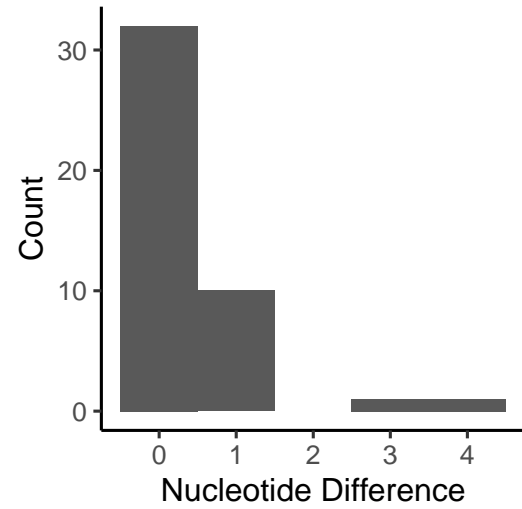
IGKV2D-30*01

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



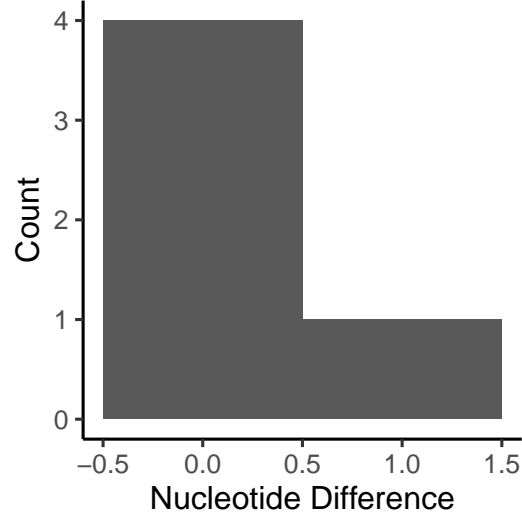
IGKV1E-12*01

44 sequences assigned
32 (72.7%) exact matches, in which:
24 unique CDR3
5 unique J



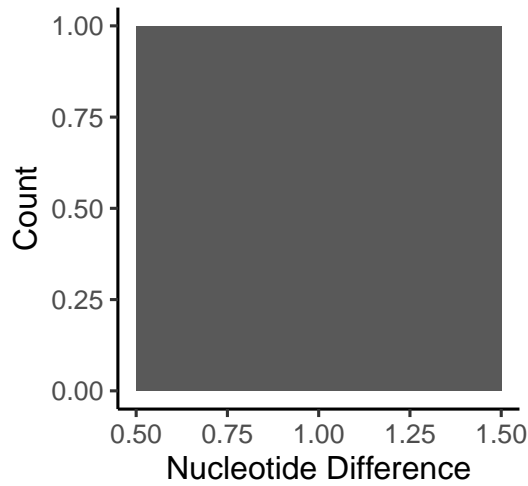
IGKV2D-26*03

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



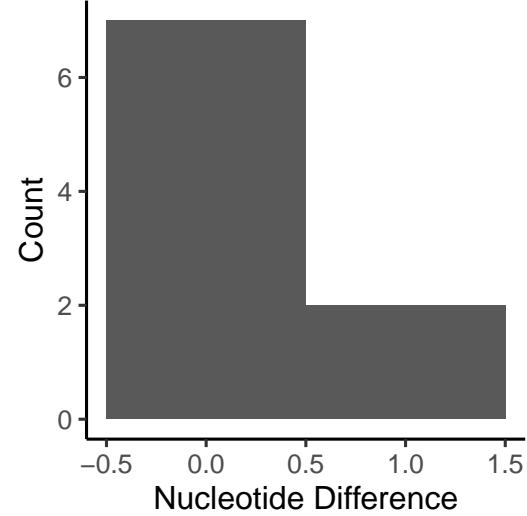
IGKV6D-41*01

1 sequences assigned
No exact matches.



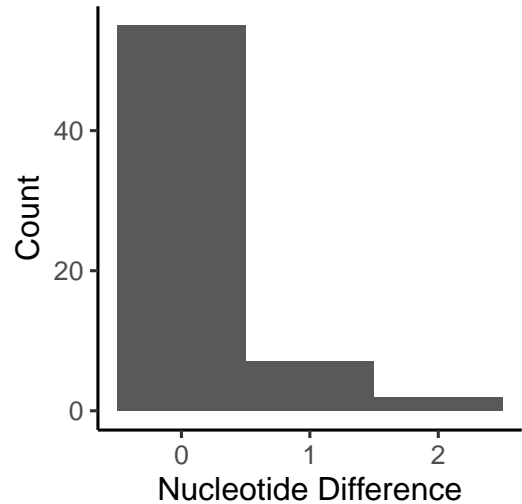
IGKV1E-12*02

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



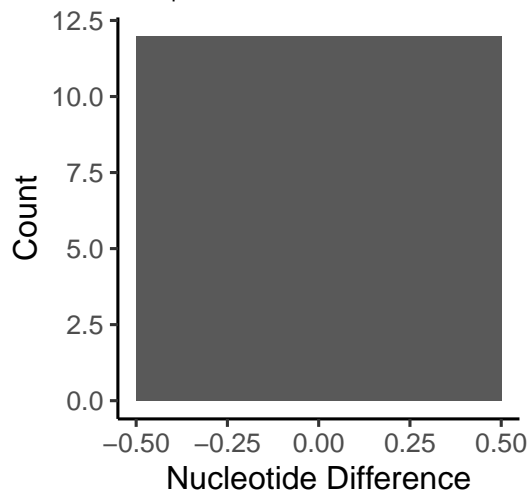
IGKV2D-29*01

65 sequences assigned
55 (84.6%) exact matches, in which:
49 unique CDR3
5 unique J



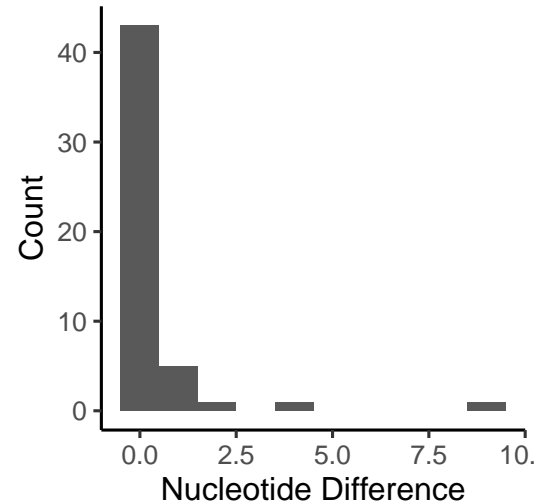
IGKV1D-43*01

12 sequences assigned
12 (100%) exact matches, in which:
11 unique CDR3
2 unique J



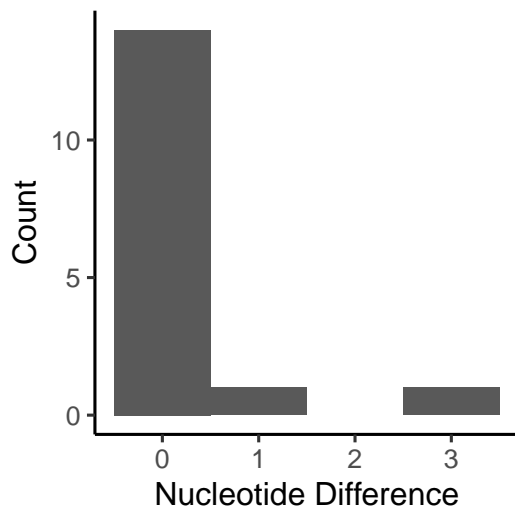
IGKV1E-12*03

51 sequences assigned
43 (84.3%) exact matches, in which:
37 unique CDR3
5 unique J



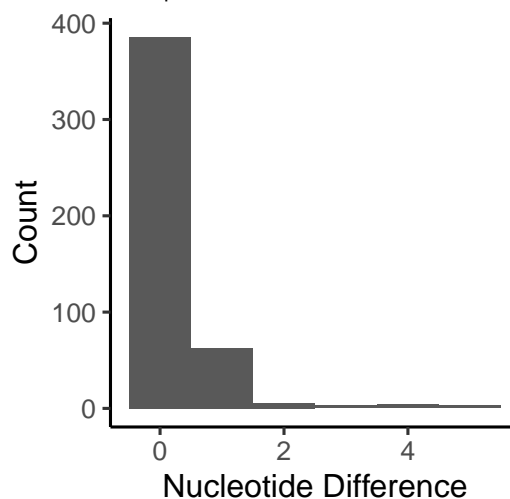
IGKV1E-13*03

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



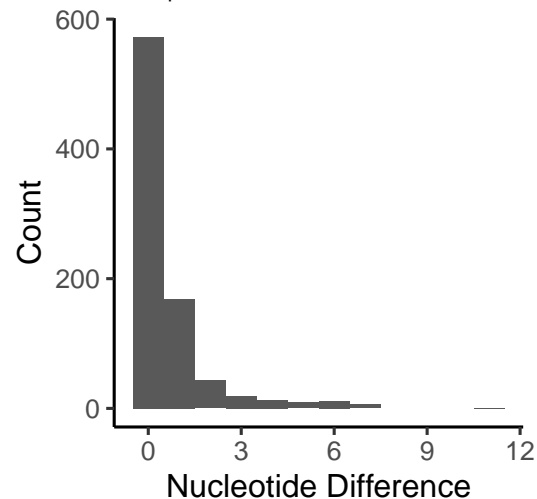
IGKV2E-28*01

465 sequences assigned
386 (83%) exact matches, in which:
306 unique CDR3
5 unique J



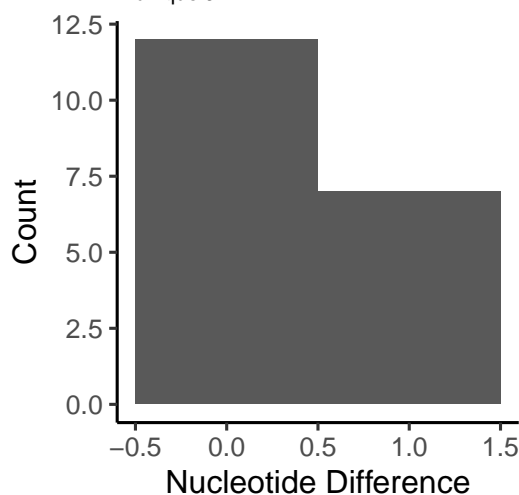
IGKV1E-39*01

845 sequences assigned
573 (67.8%) exact matches, in which:
439 unique CDR3
5 unique J



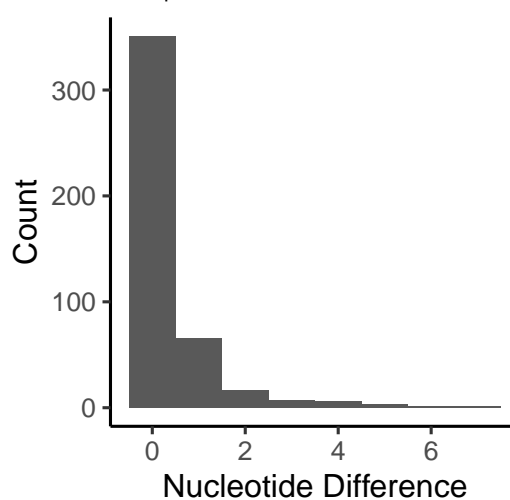
IGKV6E-21*01

19 sequences assigned
12 (63.2%) exact matches, in which:
11 unique CDR3
4 unique J



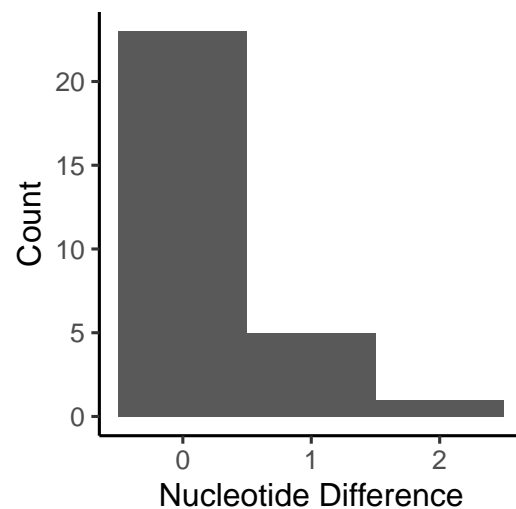
IGKV1E-33*01

452 sequences assigned
351 (77.7%) exact matches, in which:
280 unique CDR3
5 unique J



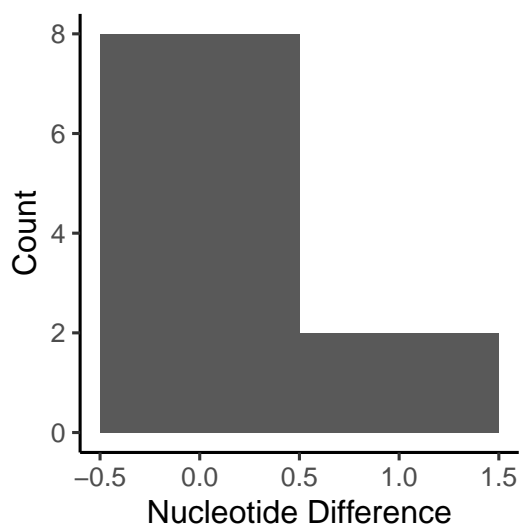
IGKV2E-40*01

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



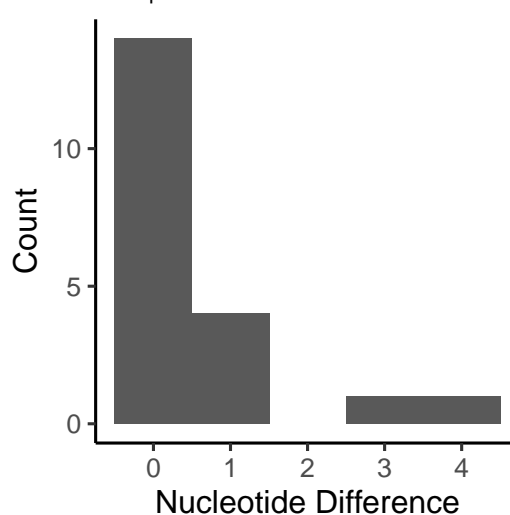
IGKV6E-21*03

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



IGKV1E-37*01

20 sequences assigned
14 (70%) exact matches, in which:
12 unique CDR3
5 unique J





Warning – no inferred sequences found.