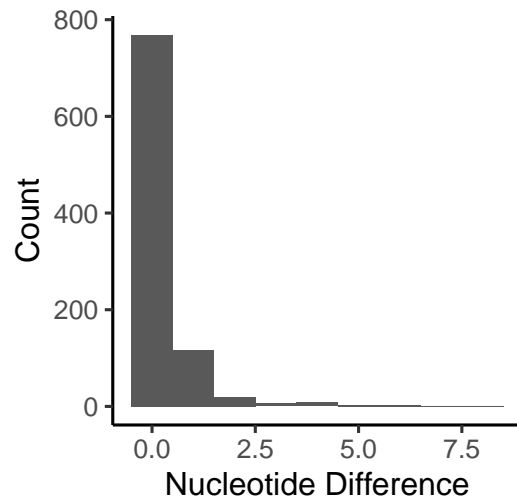


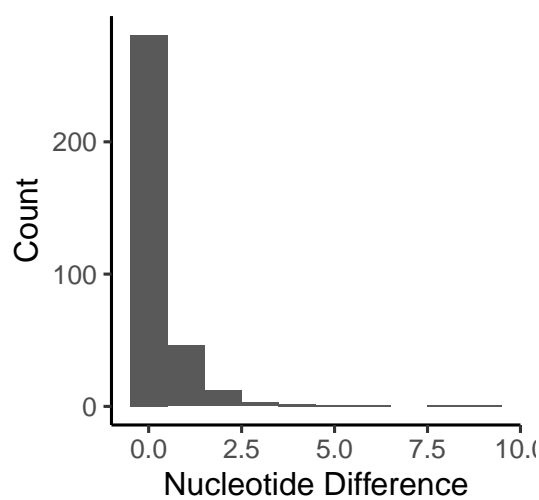
IGKV1–5*03

928 sequences assigned
769 (82.9%) exact matches, in which:
621 unique CDR3
5 unique J



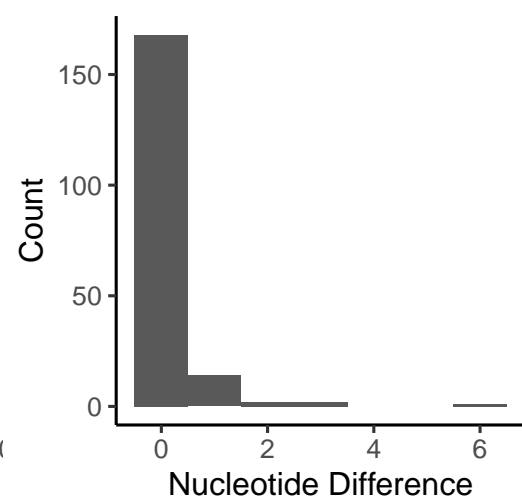
IGKV1–9*01

348 sequences assigned
281 (80.7%) exact matches, in which:
246 unique CDR3
5 unique J



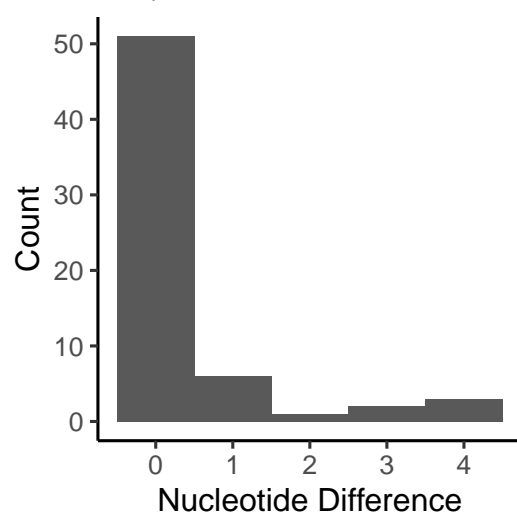
IGKV1–27*01

187 sequences assigned
168 (89.8%) exact matches, in which:
142 unique CDR3
5 unique J



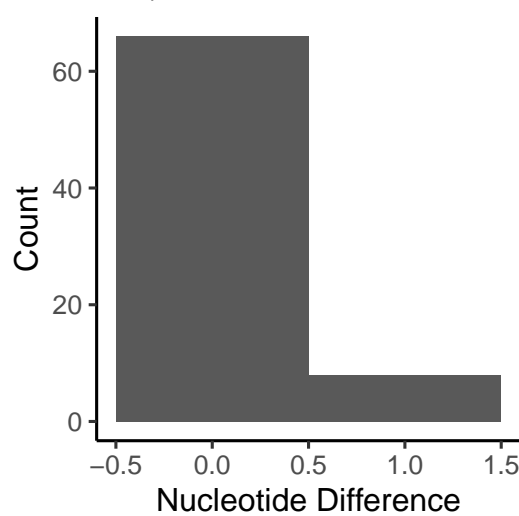
IGKV1–6*01

63 sequences assigned
51 (81%) exact matches, in which:
37 unique CDR3
5 unique J



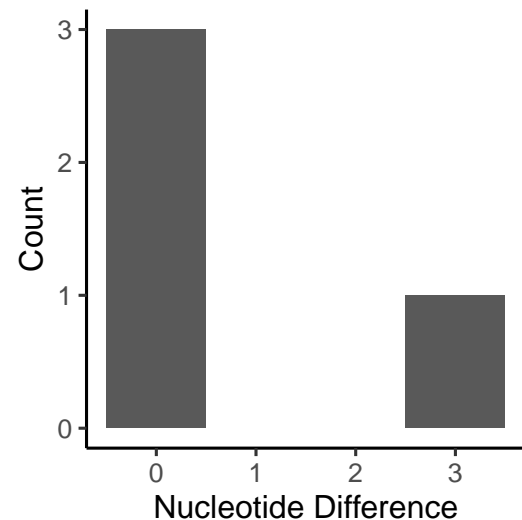
IGKV1–16*02

76 sequences assigned
66 (86.8%) exact matches, in which:
53 unique CDR3
5 unique J



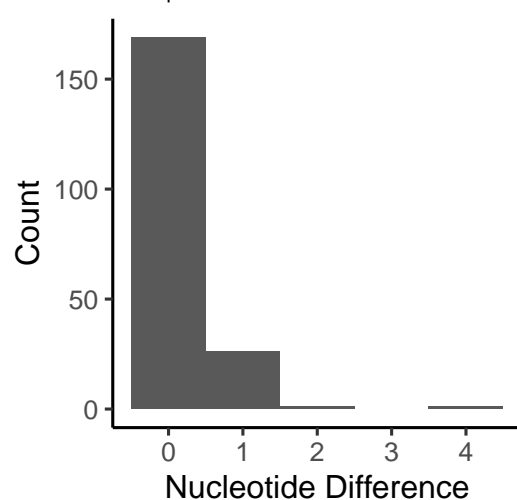
IGKV2/OR22–4*01

4 sequences assigned
3 (75%) exact matches, in which:
3 unique CDR3
3 unique J



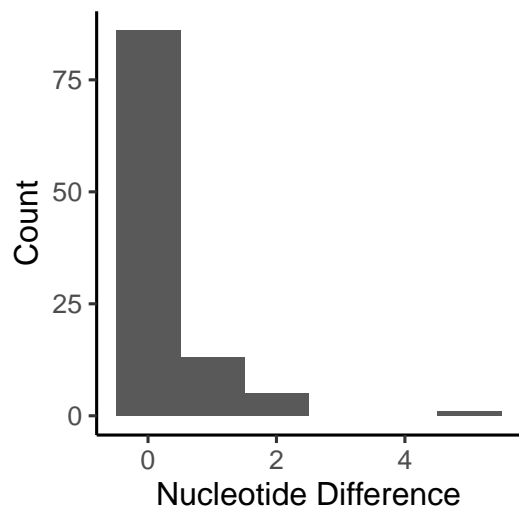
IGKV1–8*01

197 sequences assigned
169 (85.8%) exact matches, in which:
146 unique CDR3
5 unique J



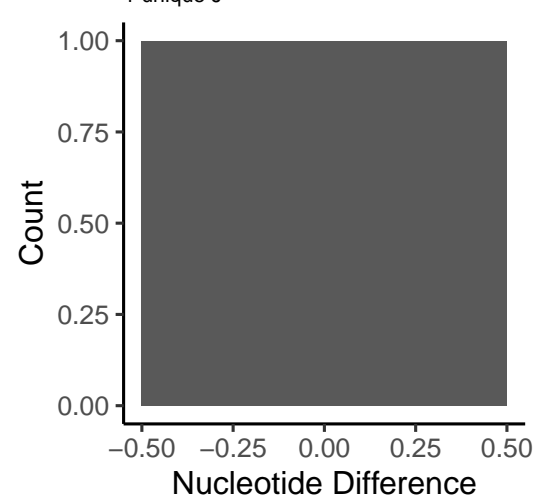
IGKV1–17*01

105 sequences assigned
86 (81.9%) exact matches, in which:
75 unique CDR3
5 unique J



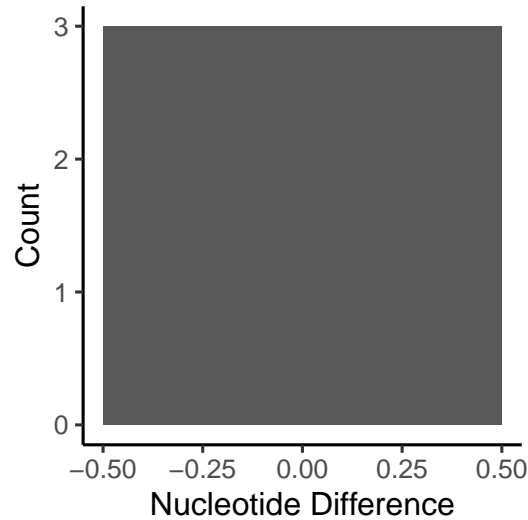
IGKV2–4*01

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



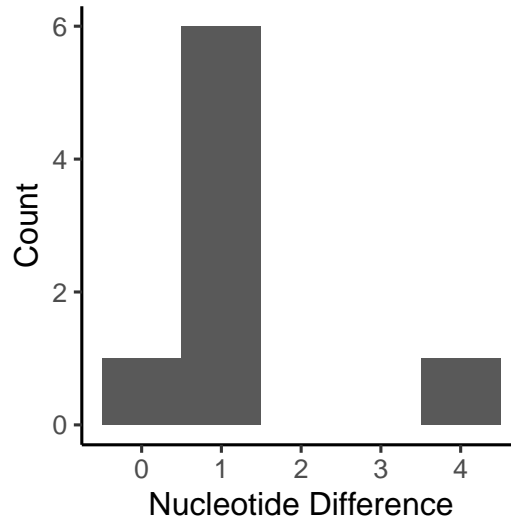
IGKV2–18*01

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



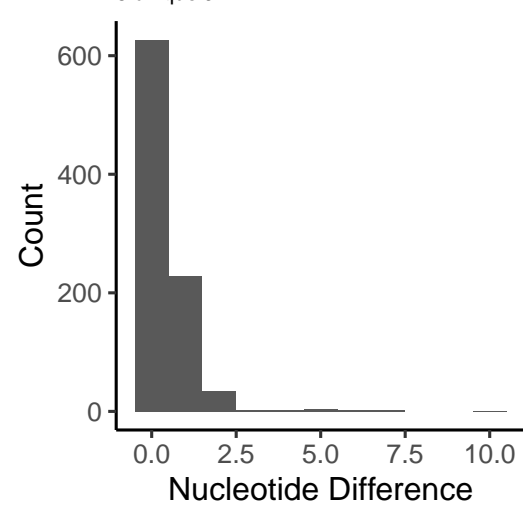
IGKV3–7*04

8 sequences assigned
1 (12.5%) exact matches, in which:
1 unique CDR3
1 unique J



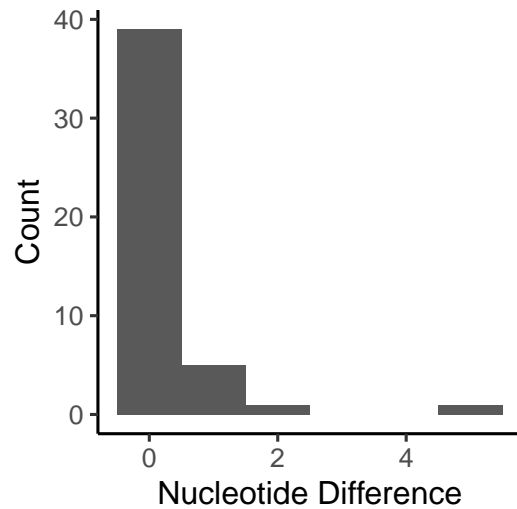
IGKV3–15*01

906 sequences assigned
627 (69.2%) exact matches, in which:
531 unique CDR3
5 unique J



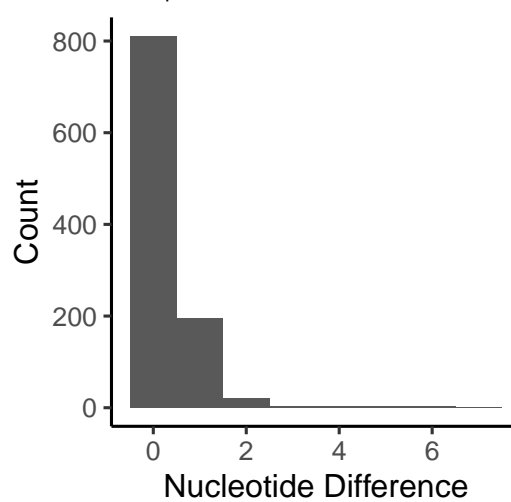
IGKV2–24*01

46 sequences assigned
39 (84.8%) exact matches, in which:
37 unique CDR3
5 unique J



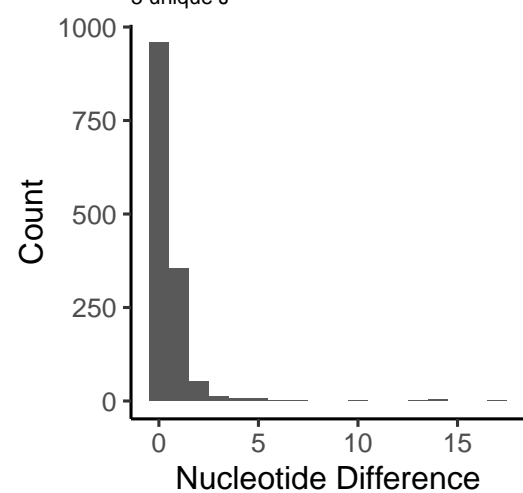
IGKV3–11*01

1041 sequences assigned
811 (77.9%) exact matches, in which:
680 unique CDR3
5 unique J



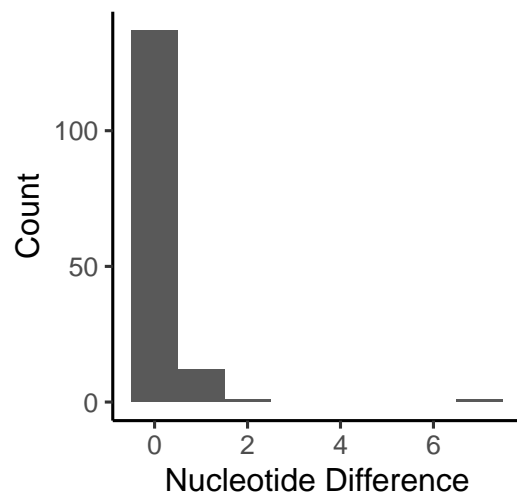
IGKV3–20*01

1420 sequences assigned
958 (67.5%) exact matches, in which:
792 unique CDR3
5 unique J



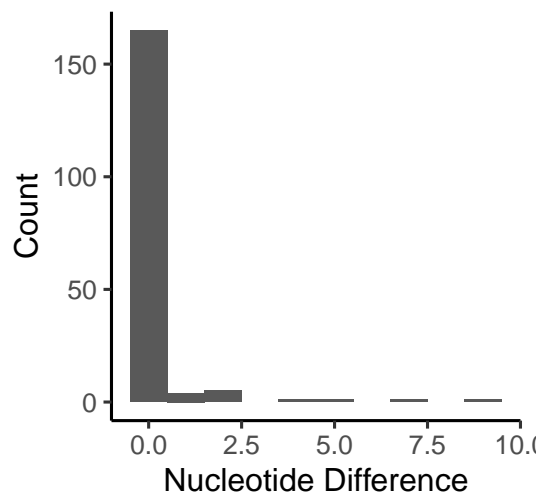
IGKV2–30*01

151 sequences assigned
137 (90.7%) exact matches, in which:
126 unique CDR3
5 unique J



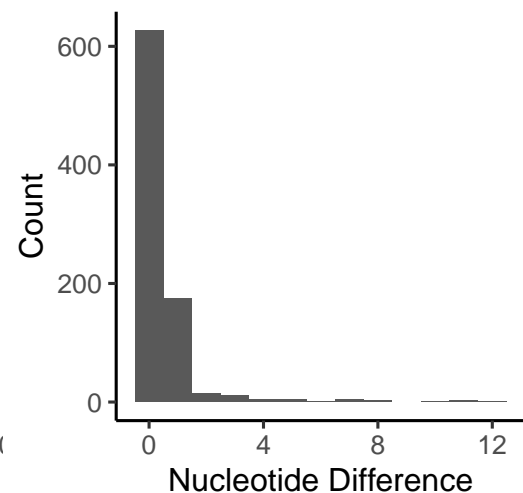
IGKV3–11*01_A223C

178 sequences assigned
165 (92.7%) exact matches, in which:
161 unique CDR3
5 unique J



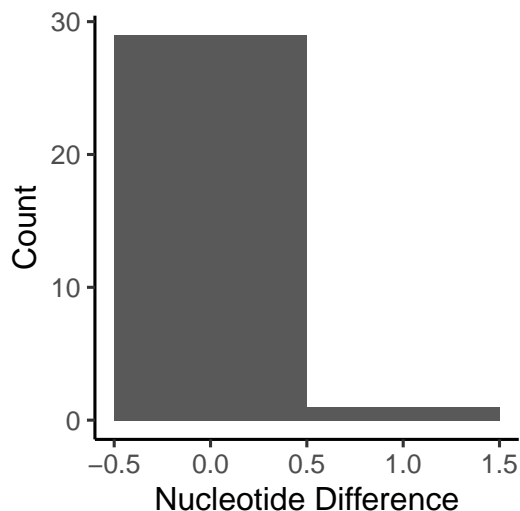
IGKV4–1*01

847 sequences assigned
627 (74%) exact matches, in which:
499 unique CDR3
5 unique J



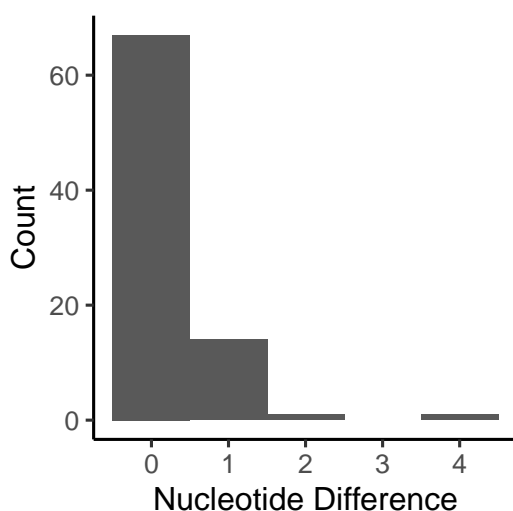
IGKV5-2*01

30 sequences assigned
29 (96.7%) exact matches, in which:
27 unique CDR3
5 unique J



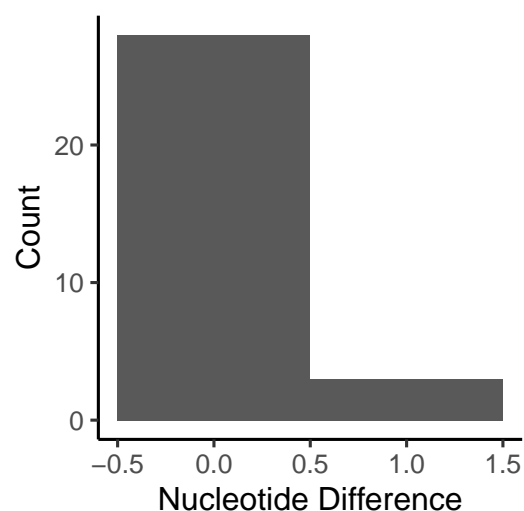
IGKV1D-8*01

83 sequences assigned
67 (80.7%) exact matches, in which:
56 unique CDR3
5 unique J



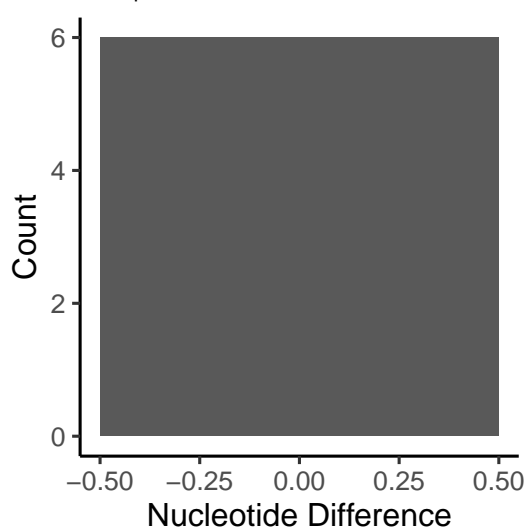
IGKV3D-15*01

31 sequences assigned
28 (90.3%) exact matches, in which:
28 unique CDR3
5 unique J



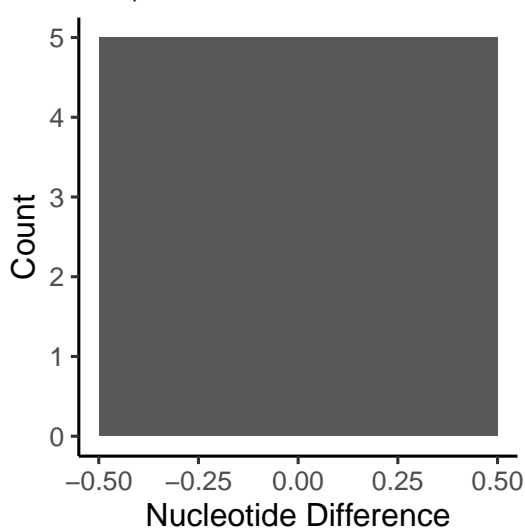
IGKV7-3*01

6 sequences assigned
6 (100%) exact matches, in which:
6 unique CDR3
2 unique J



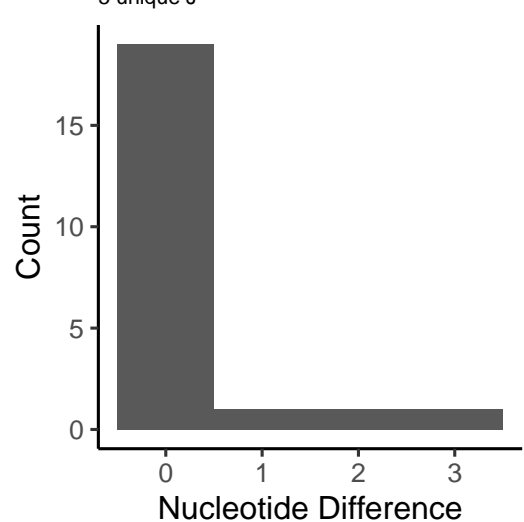
IGKV3D-11*01

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



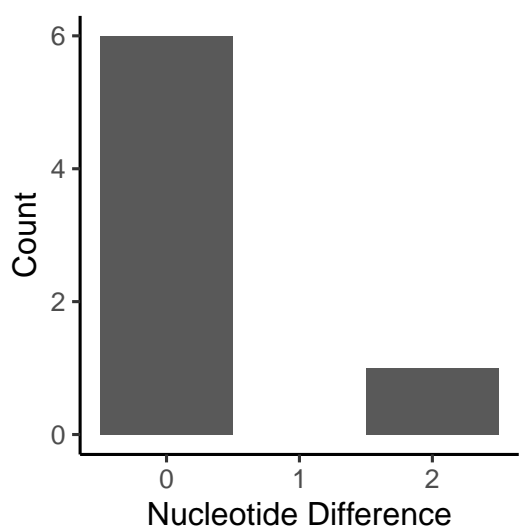
IGKV1D-16*01

22 sequences assigned
19 (86.4%) exact matches, in which:
16 unique CDR3
5 unique J



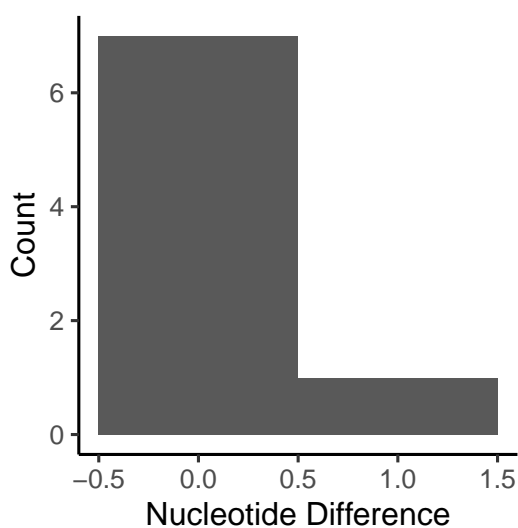
IGKV3D-7*01

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



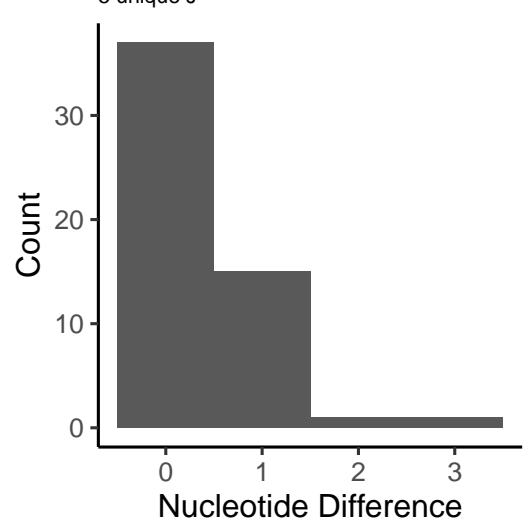
IGKV3D-11*02

8 sequences assigned
7 (87.5%) exact matches, in which:
7 unique CDR3
4 unique J



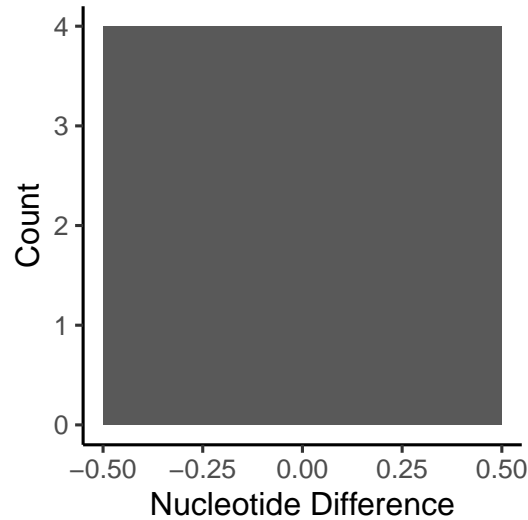
IGKV3D-20*01

54 sequences assigned
37 (68.5%) exact matches, in which:
35 unique CDR3
5 unique J



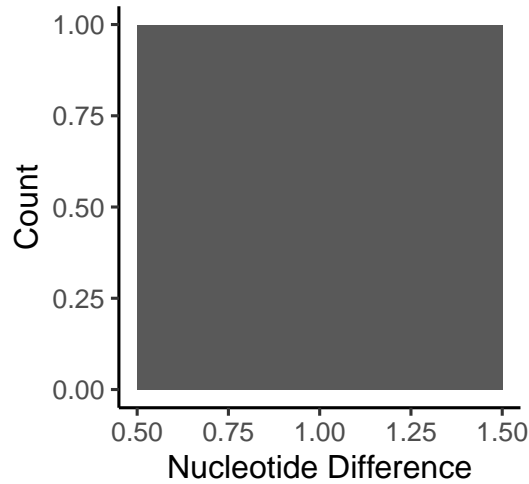
IGKV2D-26*03

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



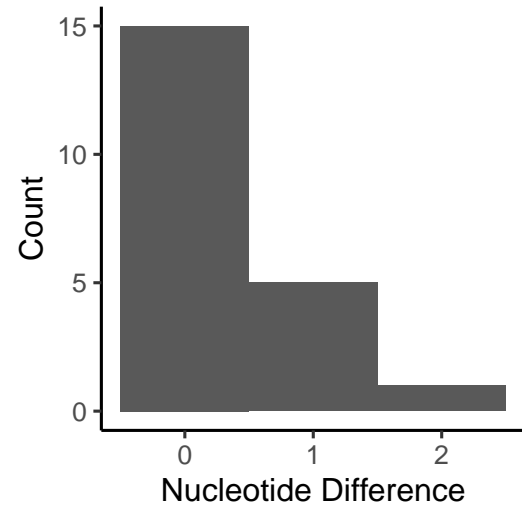
IGKV6D-41*01

1 sequences assigned
No exact matches.



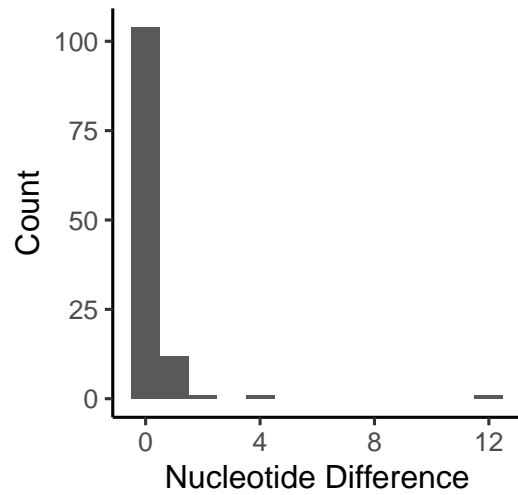
IGKV1E-12*02

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



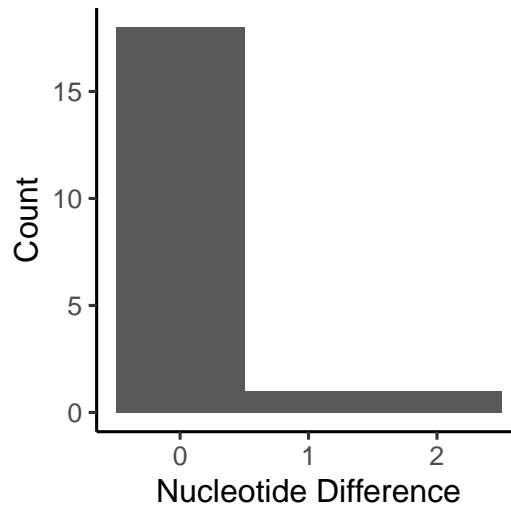
IGKV2D-29*01

119 sequences assigned
104 (87.4%) exact matches, in which:
91 unique CDR3
5 unique J



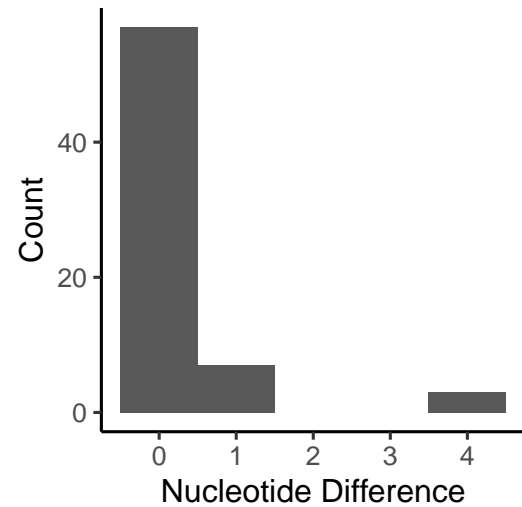
IGKV1D-43*01

20 sequences assigned
18 (90%) exact matches, in which:
17 unique CDR3
3 unique J



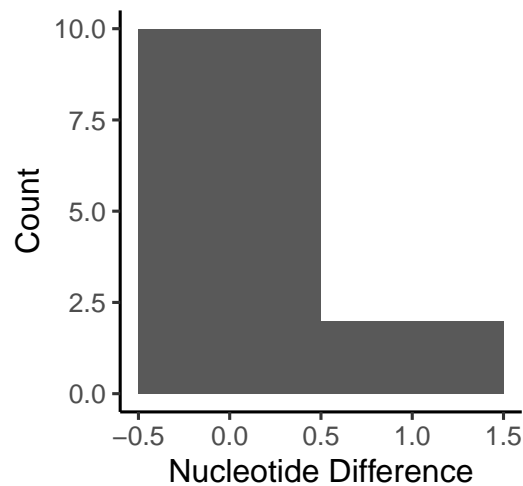
IGKV1E-12*03

67 sequences assigned
57 (85.1%) exact matches, in which:
53 unique CDR3
5 unique J



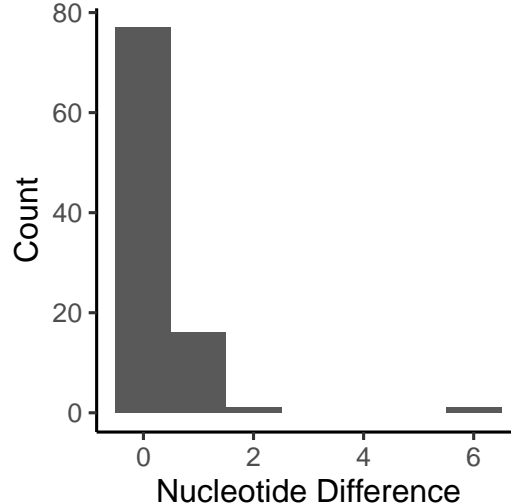
IGKV2D-30*01

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



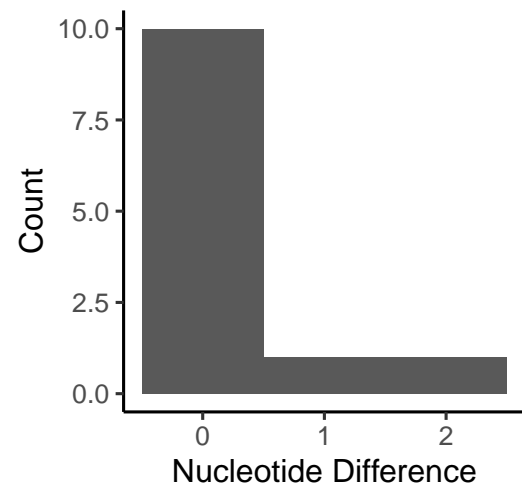
IGKV1E-12*01

95 sequences assigned
77 (81.1%) exact matches, in which:
65 unique CDR3
5 unique J



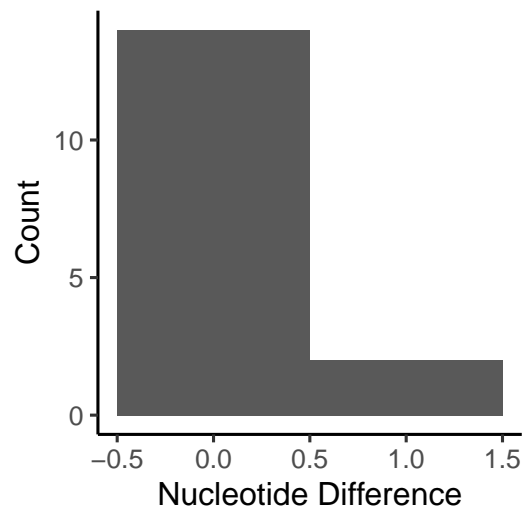
IGKV1E-13*03

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



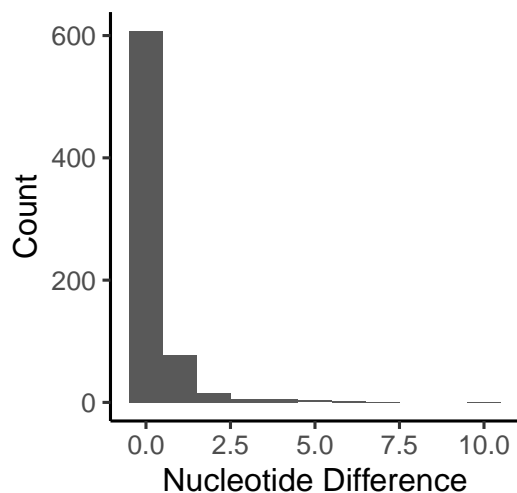
IGKV6E-21*01

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



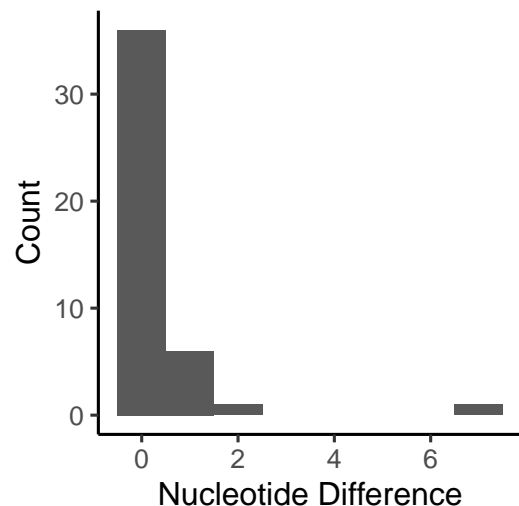
IGKV1E-33*01

717 sequences assigned
608 (84.8%) exact matches, in which:
502 unique CDR3
5 unique J



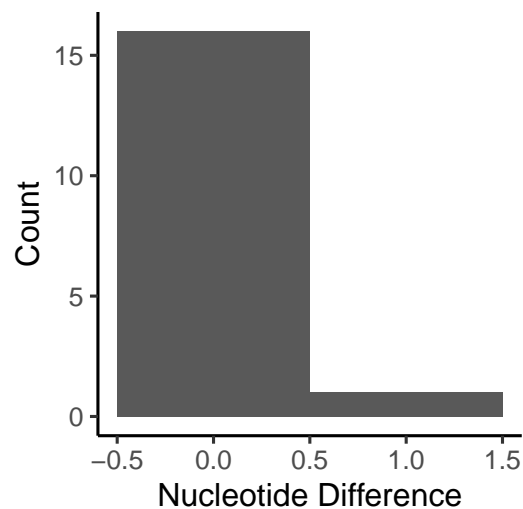
IGKV2E-40*01

44 sequences assigned
36 (81.8%) exact matches, in which:
32 unique CDR3
5 unique J



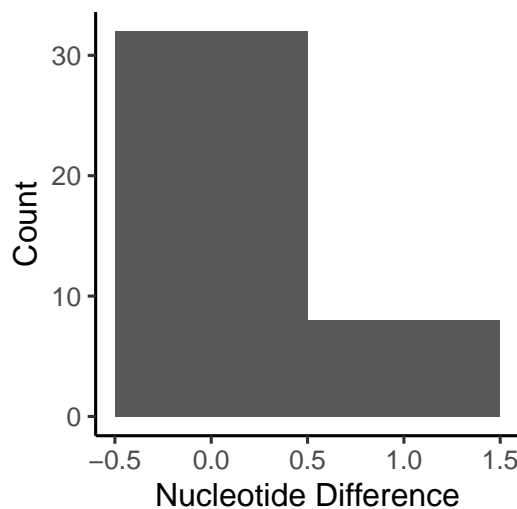
IGKV6E-21*03

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



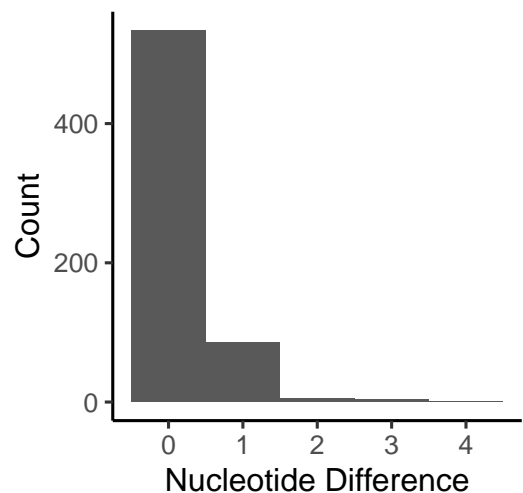
IGKV1E-37*01

40 sequences assigned
32 (80%) exact matches, in which:
30 unique CDR3
5 unique J



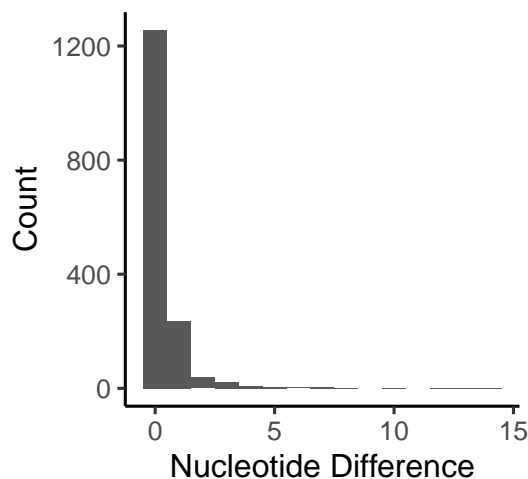
IGKV2E-28*01

629 sequences assigned
534 (84.9%) exact matches, in which:
437 unique CDR3
5 unique J



IGKV1E-39*01

1580 sequences assigned
1256 (79.5%) exact matches, in which:
978 unique CDR3
5 unique J





Warning – no inferred sequences found.