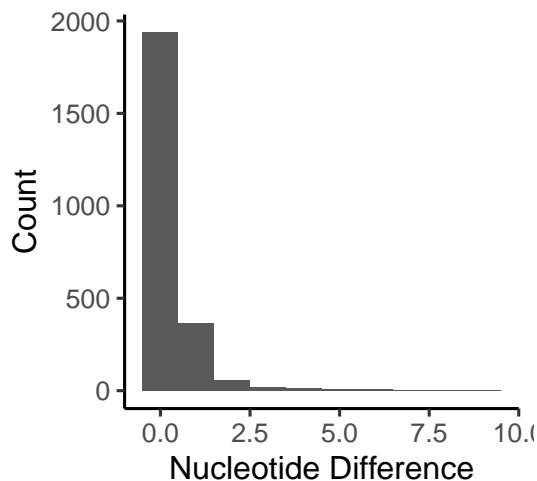


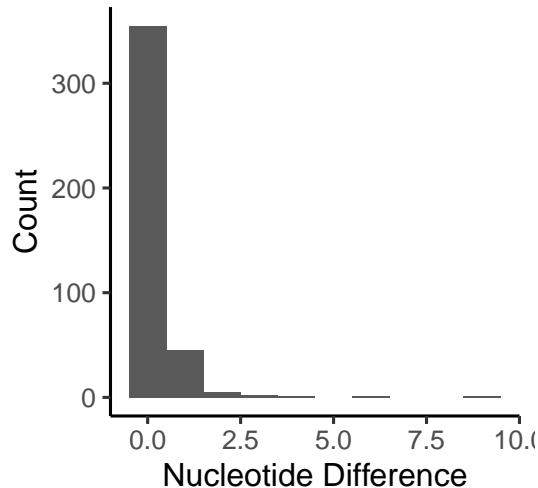
IGKV1-5*03

2413 sequences assigned
1938 (80.3%) exact matches, in which:
1285 unique CDR3
5 unique J



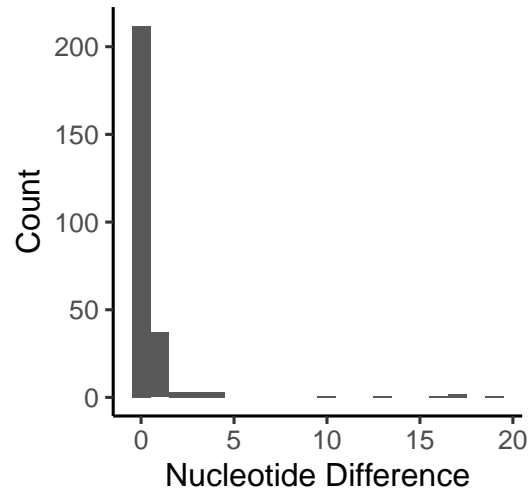
IGKV1-9*01

410 sequences assigned
355 (86.6%) exact matches, in which:
304 unique CDR3
5 unique J



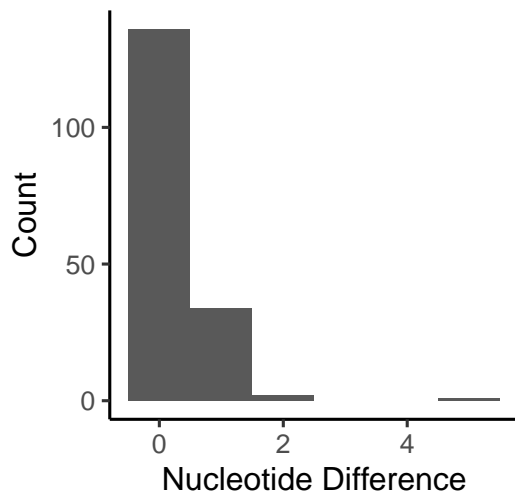
IGKV1-17*01

265 sequences assigned
212 (80%) exact matches, in which:
159 unique CDR3
5 unique J



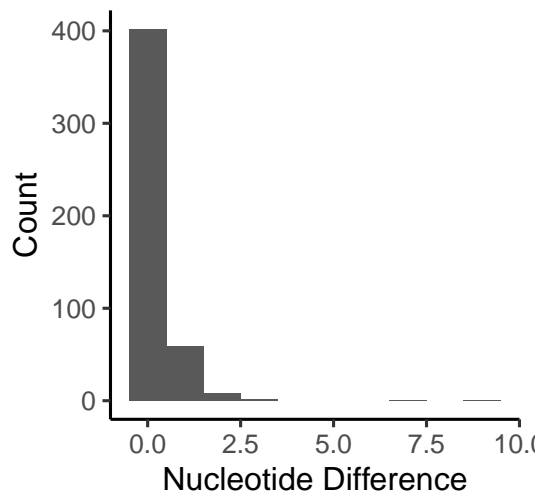
IGKV1-6*01

173 sequences assigned
136 (78.6%) exact matches, in which:
94 unique CDR3
5 unique J



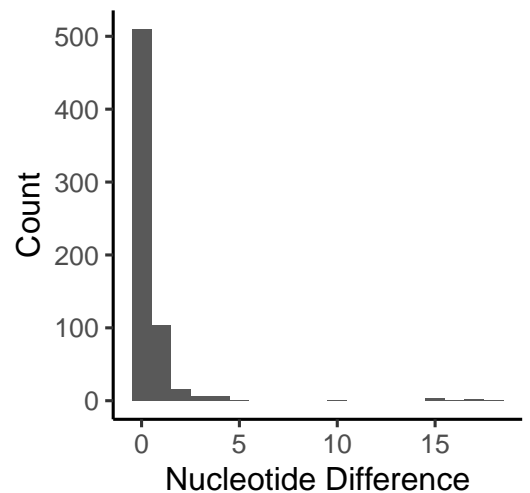
IGKV1-9*01_C75A

473 sequences assigned
402 (85%) exact matches, in which:
339 unique CDR3
5 unique J



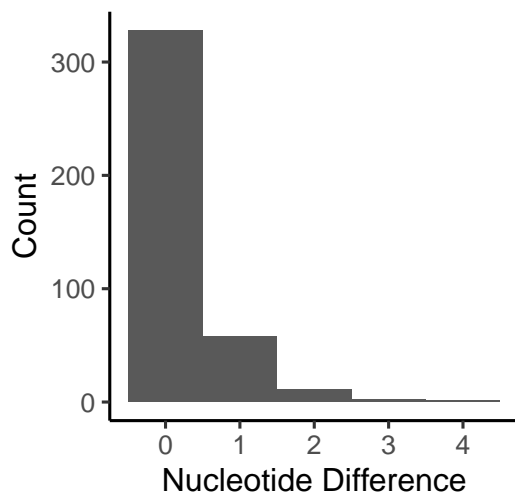
IGKV1-27*01

651 sequences assigned
510 (78.3%) exact matches, in which:
376 unique CDR3
5 unique J



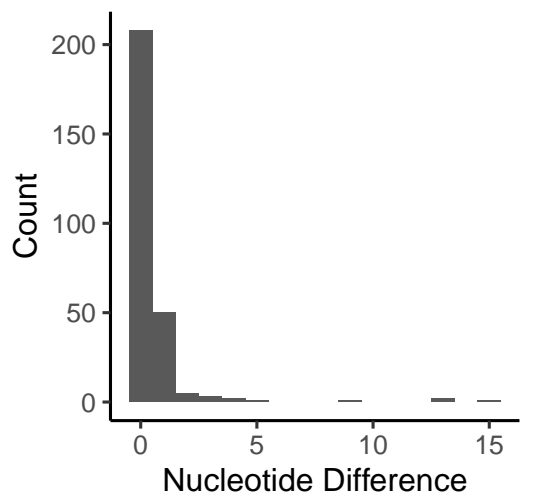
IGKV1-8*01

400 sequences assigned
328 (82%) exact matches, in which:
234 unique CDR3
5 unique J



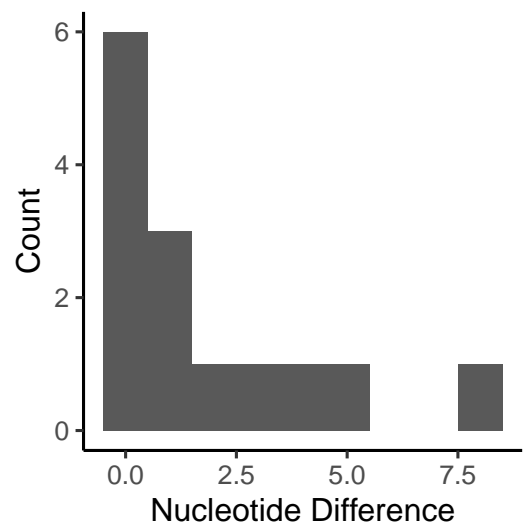
IGKV1-16*02

273 sequences assigned
208 (76.2%) exact matches, in which:
153 unique CDR3
5 unique J



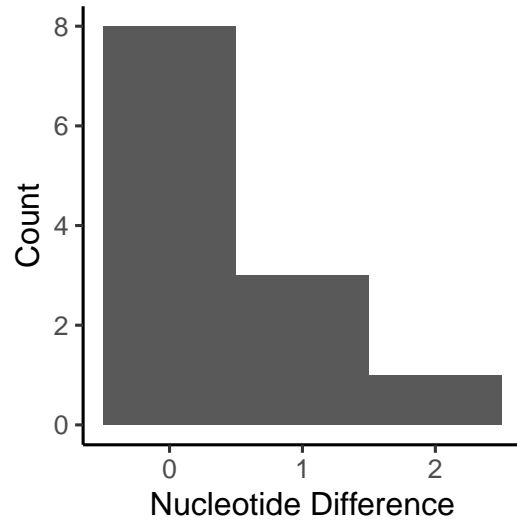
IGKV2/OR22-4*01

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



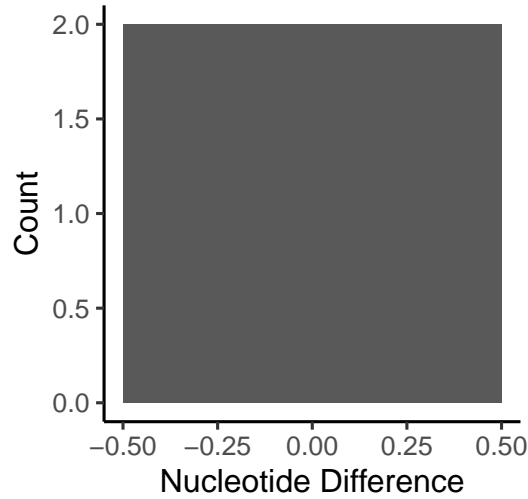
IGKV2–18*01

12 sequences assigned
8 (66.7%) exact matches, in which:
8 unique CDR3
3 unique J



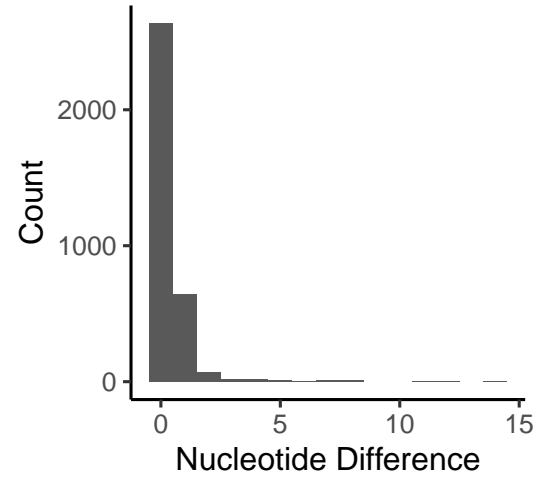
IGKV1/OR2–108*01

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



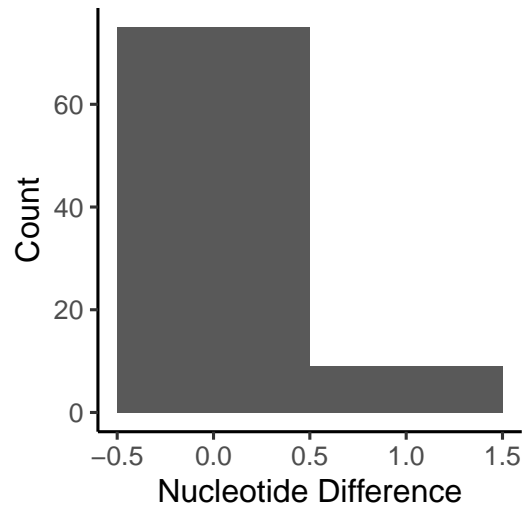
IGKV3–11*01

3424 sequences assigned
2635 (77%) exact matches, in which:
1859 unique CDR3
5 unique J



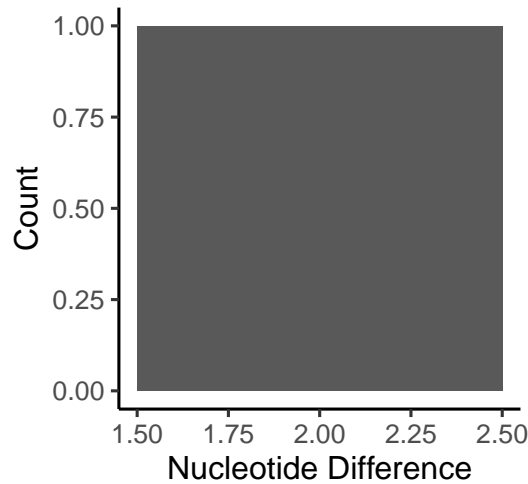
IGKV2–24*01

84 sequences assigned
75 (89.3%) exact matches, in which:
65 unique CDR3
5 unique J



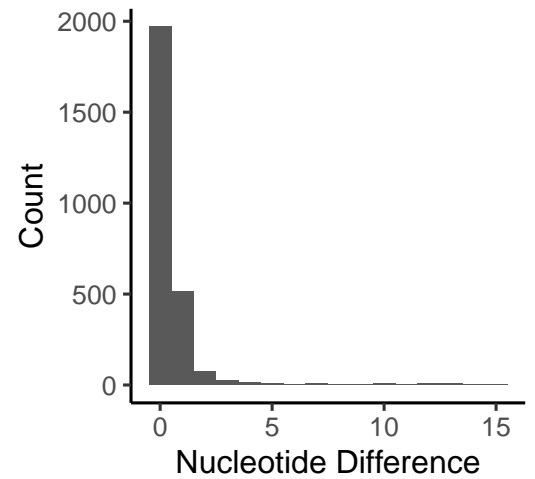
IGKV1/OR2–118*01

1 sequences assigned
No exact matches.



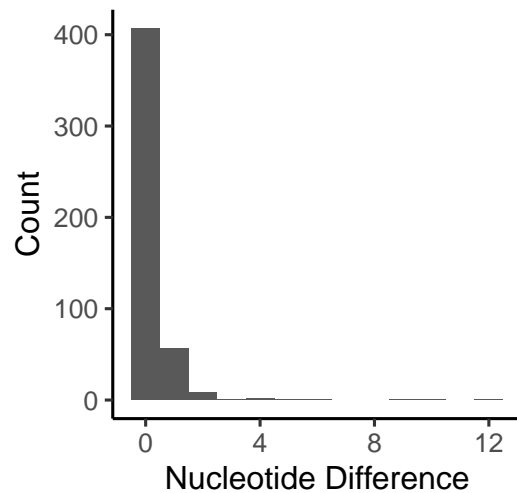
IGKV3–15*01

2662 sequences assigned
1970 (74%) exact matches, in which:
1374 unique CDR3
5 unique J



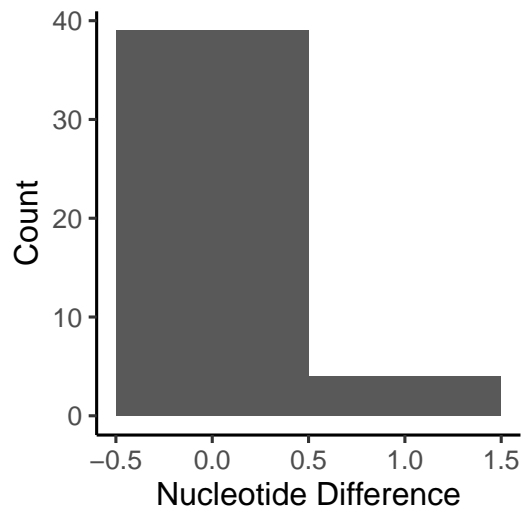
IGKV2–30*01

480 sequences assigned
407 (84.8%) exact matches, in which:
343 unique CDR3
5 unique J



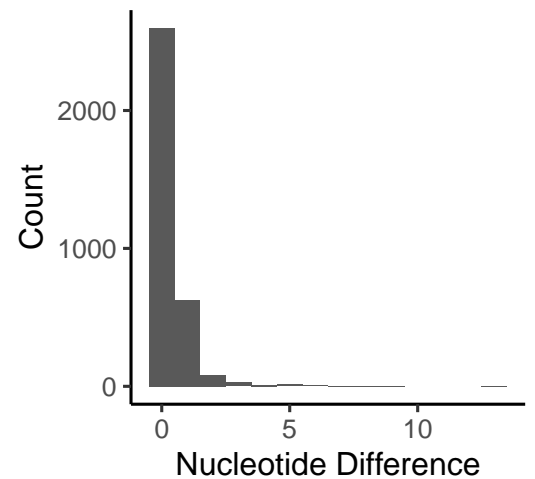
IGKV3–7*04

43 sequences assigned
39 (90.7%) exact matches, in which:
36 unique CDR3
4 unique J



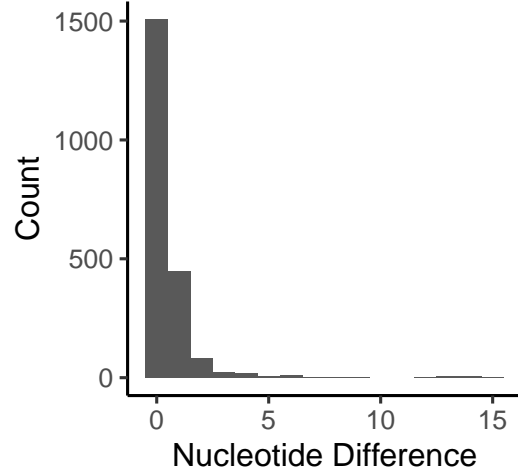
IGKV3–20*01

3381 sequences assigned
2598 (76.8%) exact matches, in which:
1775 unique CDR3
5 unique J



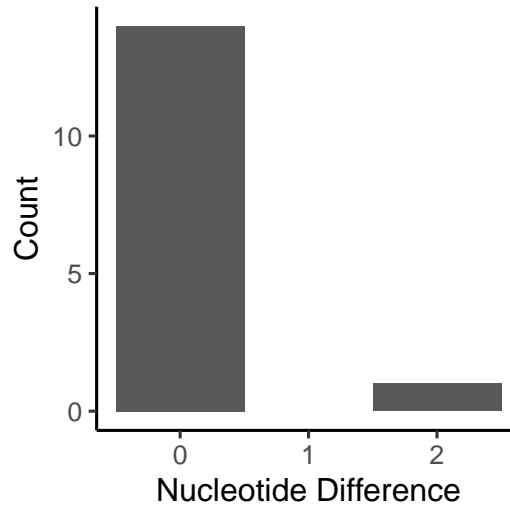
IGKV4-1*01

2122 sequences assigned
1507 (71%) exact matches, in which:
990 unique CDR3
5 unique J



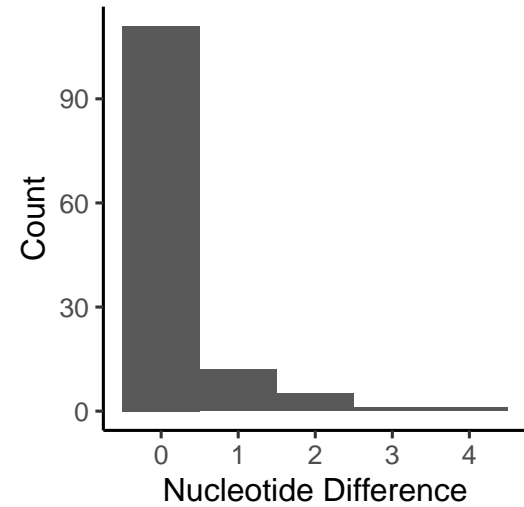
IGKV3D-7*01

15 sequences assigned
14 (93.3%) exact matches, in which:
14 unique CDR3
5 unique J



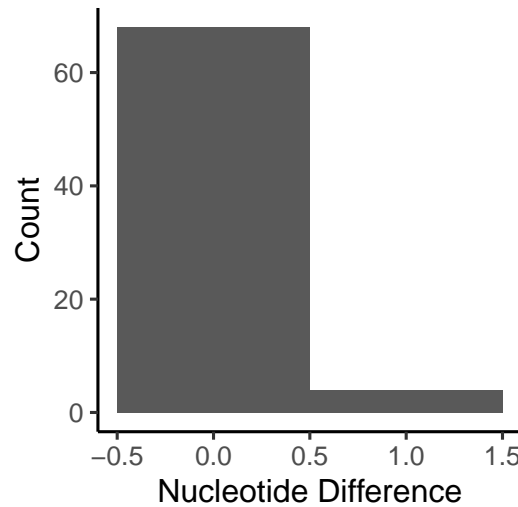
IGKV3D-15*01

130 sequences assigned
111 (85.4%) exact matches, in which:
96 unique CDR3
5 unique J



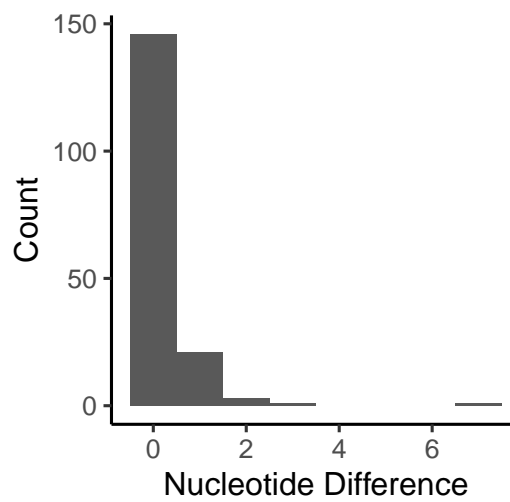
IGKV5-2*01

72 sequences assigned
68 (94.4%) exact matches, in which:
64 unique CDR3
5 unique J



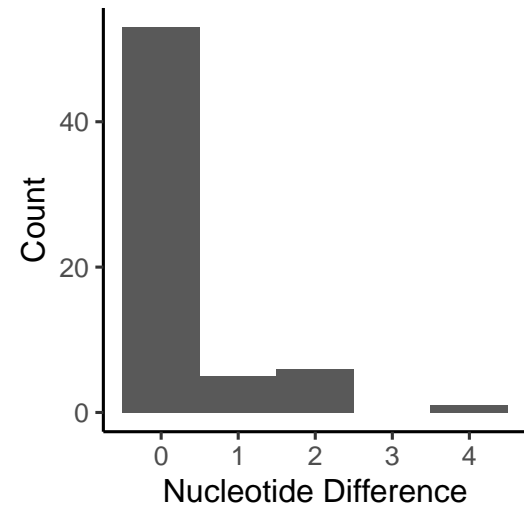
IGKV1D-8*01

172 sequences assigned
146 (84.9%) exact matches, in which:
101 unique CDR3
5 unique J



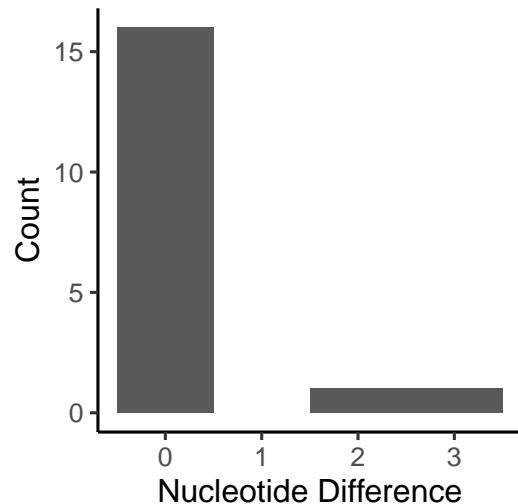
IGKV1D-16*01

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



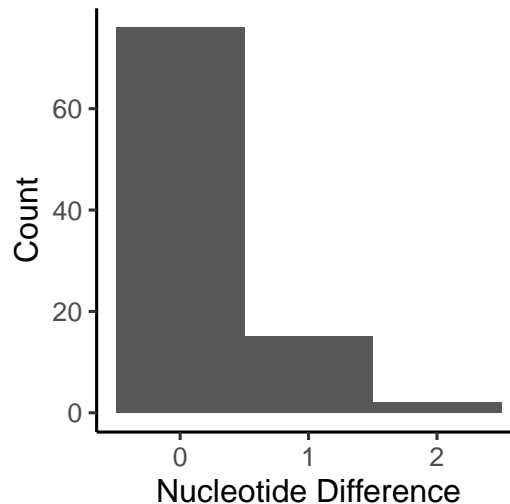
IGKV7-3*01

18 sequences assigned
16 (88.9%) exact matches, in which:
16 unique CDR3
5 unique J



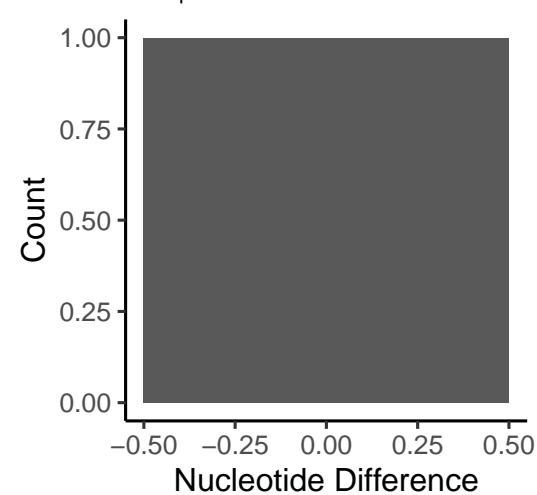
IGKV3D-11*01

93 sequences assigned
76 (81.7%) exact matches, in which:
71 unique CDR3
5 unique J



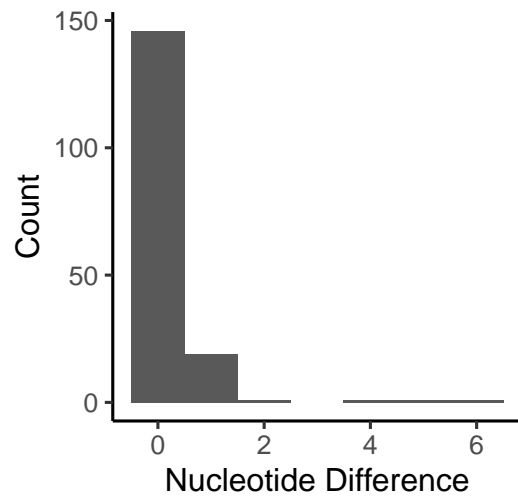
IGKV2D-18*01

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



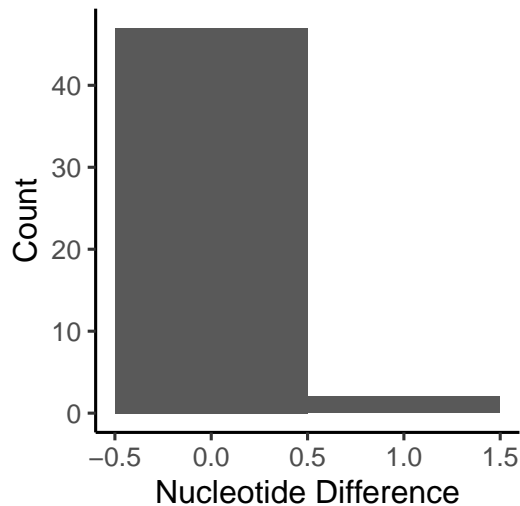
IGKV3D-20*01

169 sequences assigned
146 (86.4%) exact matches, in which:
123 unique CDR3
5 unique J



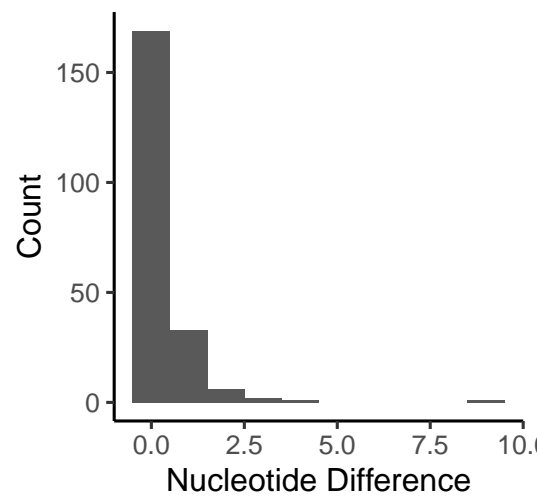
IGKV2D-30*01

49 sequences assigned
47 (95.9%) exact matches, in which:
46 unique CDR3
5 unique J



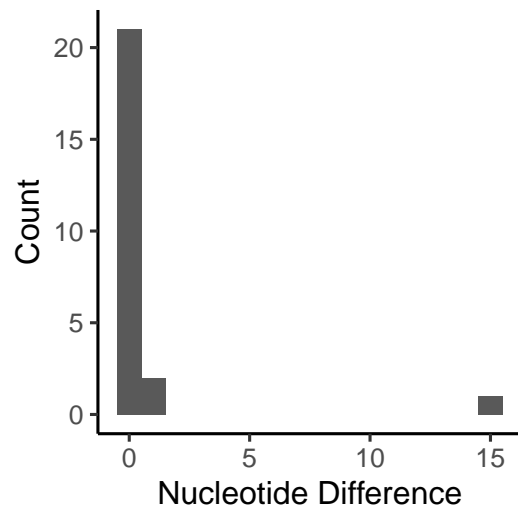
IGKV1E-12*01

212 sequences assigned
169 (79.7%) exact matches, in which:
109 unique CDR3
5 unique J



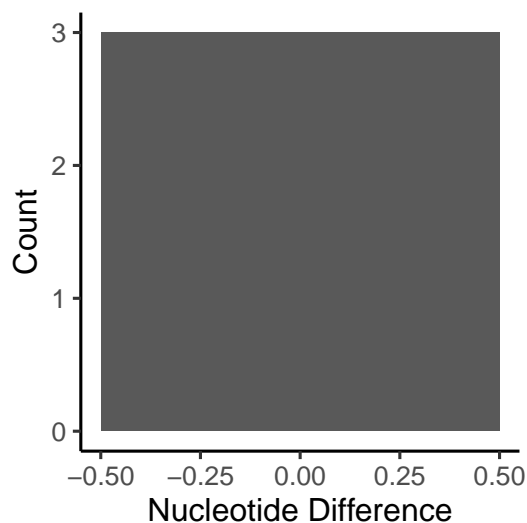
IGKV2D-26*03

24 sequences assigned
21 (87.5%) exact matches, in which:
19 unique CDR3
5 unique J



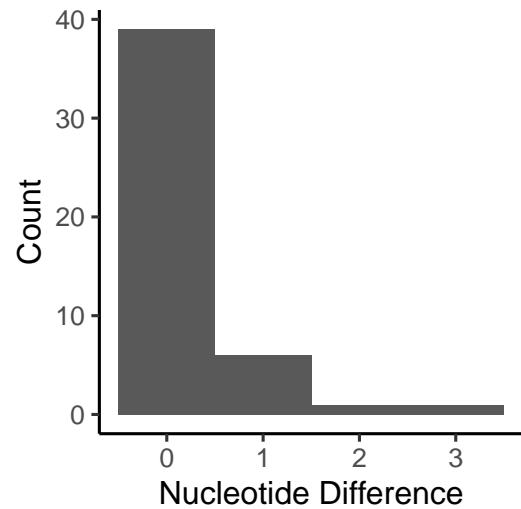
IGKV6D-41*01

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



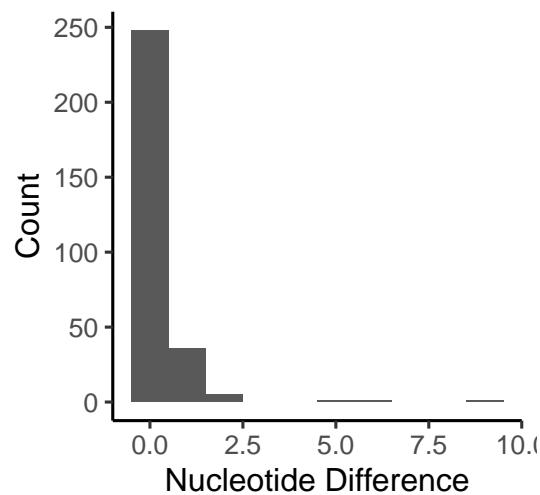
IGKV1E-12*02

47 sequences assigned
39 (83%) exact matches, in which:
26 unique CDR3
5 unique J



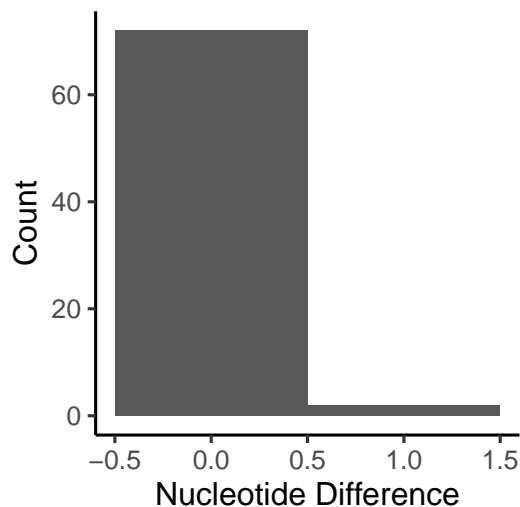
IGKV2D-29*01

293 sequences assigned
248 (84.6%) exact matches, in which:
209 unique CDR3
5 unique J



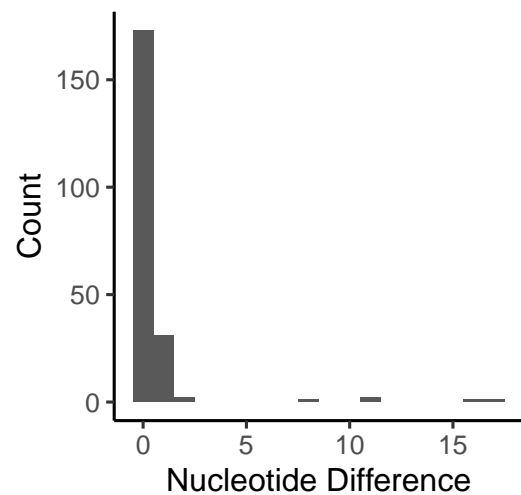
IGKV1D-43*01

74 sequences assigned
72 (97.3%) exact matches, in which:
71 unique CDR3
5 unique J



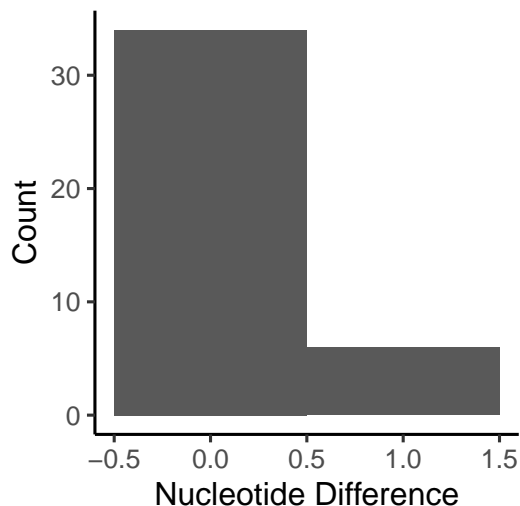
IGKV1E-12*03

216 sequences assigned
173 (80.1%) exact matches, in which:
125 unique CDR3
5 unique J



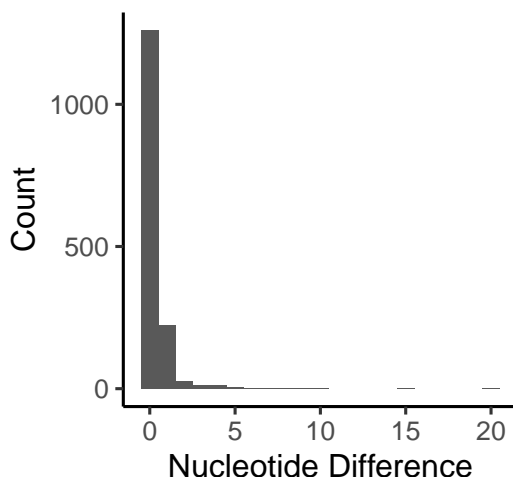
IGKV1E-13*03

40 sequences assigned
34 (85%) exact matches, in which:
31 unique CDR3
4 unique J



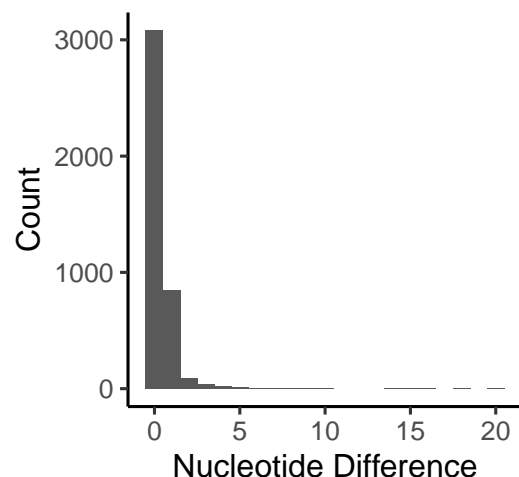
IGKV2E-28*01

1546 sequences assigned
1260 (81.5%) exact matches, in which:
892 unique CDR3
5 unique J



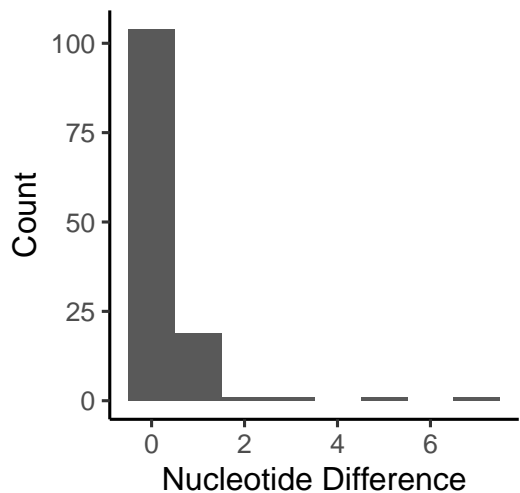
IGKV1E-39*01

4124 sequences assigned
3081 (74.7%) exact matches, in which:
2026 unique CDR3
5 unique J



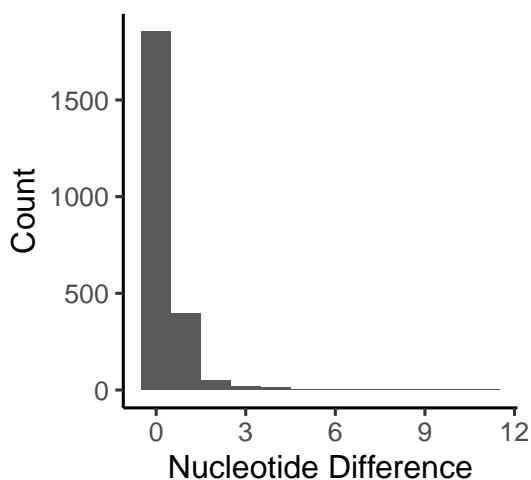
IGKV6E-21*01

127 sequences assigned
104 (81.9%) exact matches, in which:
77 unique CDR3
5 unique J



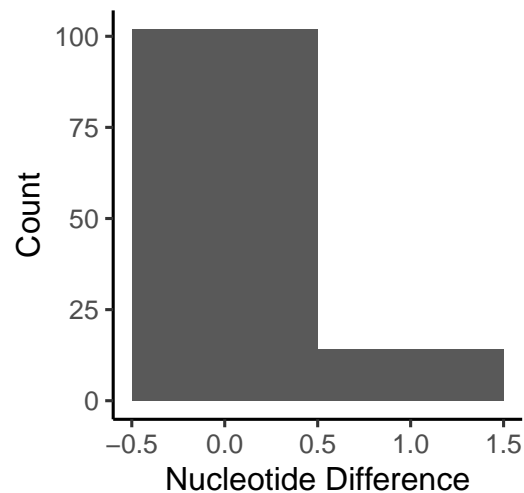
IGKV1E-33*01

2345 sequences assigned
1853 (79%) exact matches, in which:
1309 unique CDR3
5 unique J



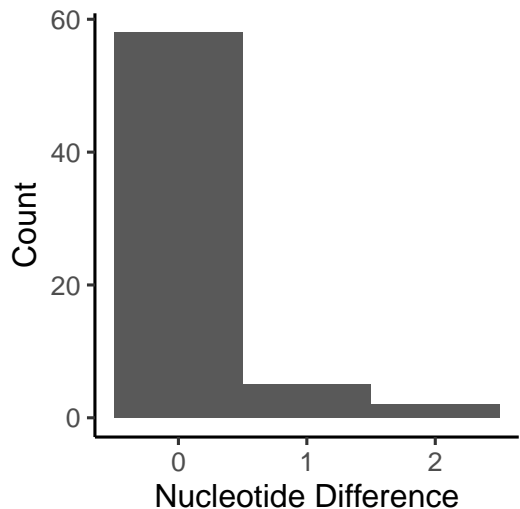
IGKV2E-40*01

116 sequences assigned
102 (87.9%) exact matches, in which:
83 unique CDR3
5 unique J



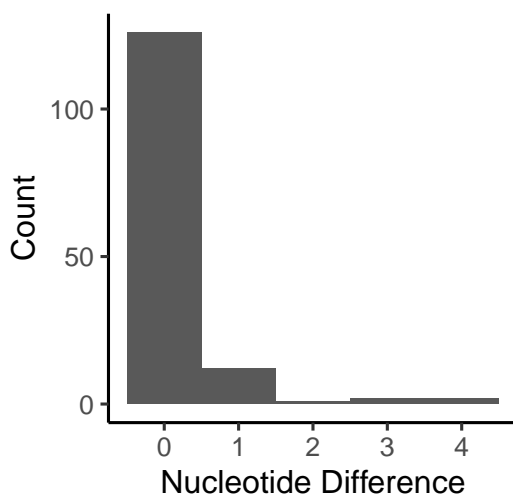
IGKV6E-21*03

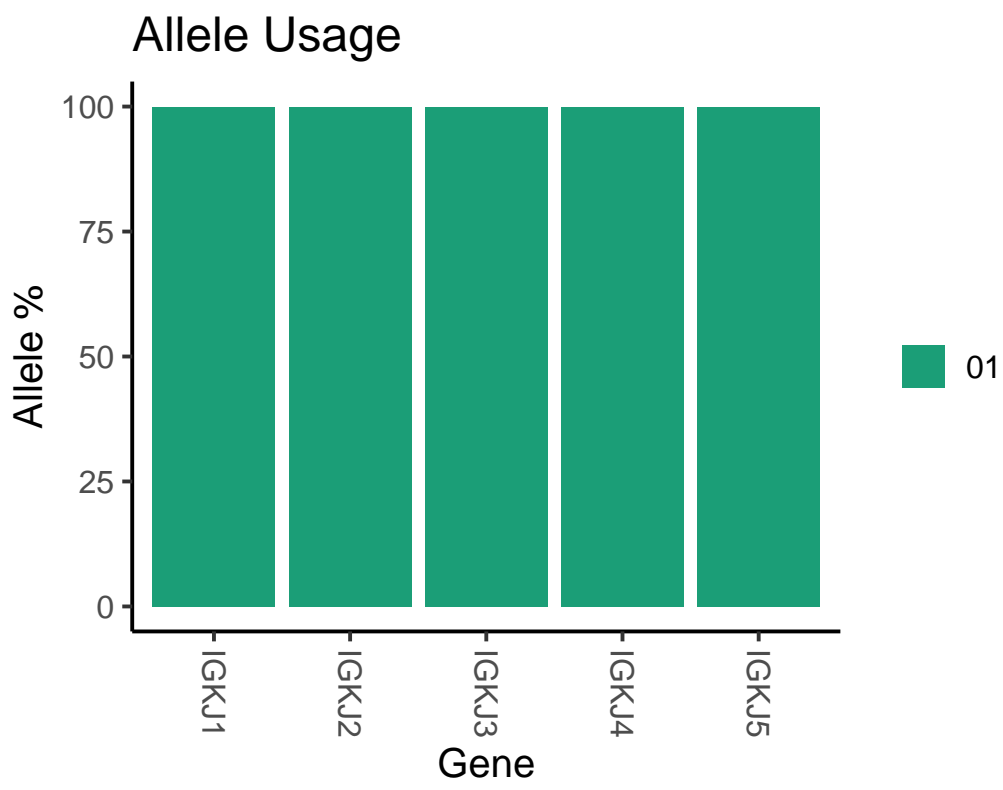
65 sequences assigned
58 (89.2%) exact matches, in which:
44 unique CDR3
5 unique J



IGKV1E-37*01

143 sequences assigned
126 (88.1%) exact matches, in which:
113 unique CDR3
5 unique J





Warning – no inferred sequences found.