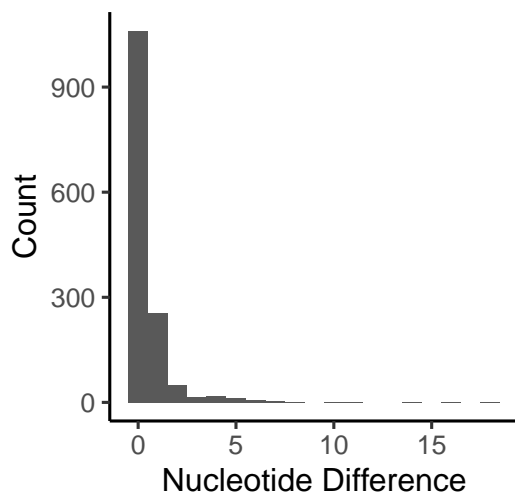


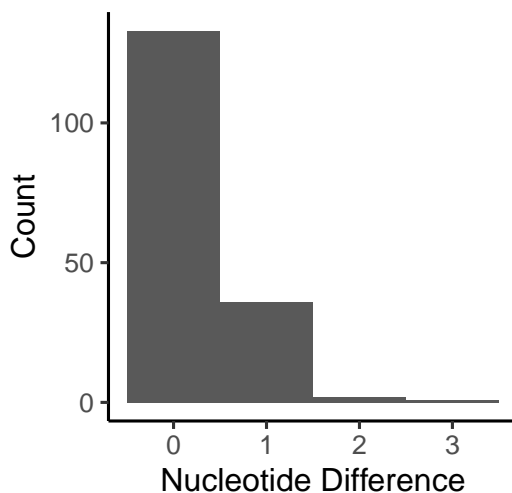
IGKV1-5*01

1433 sequences assigned
1061 (74%) exact matches, in which:
875 unique CDR3
5 unique J



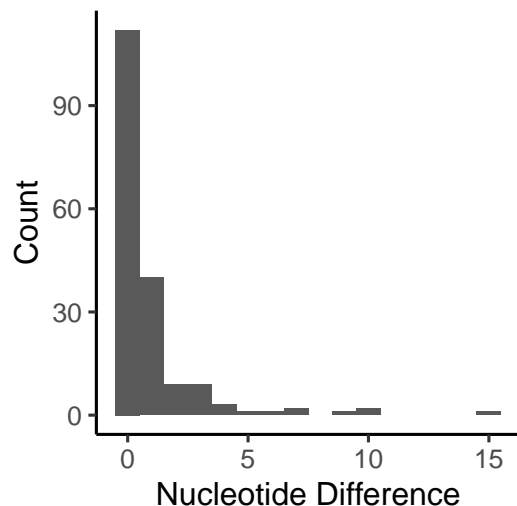
IGKV1-8*01

172 sequences assigned
133 (77.3%) exact matches, in which:
119 unique CDR3
5 unique J



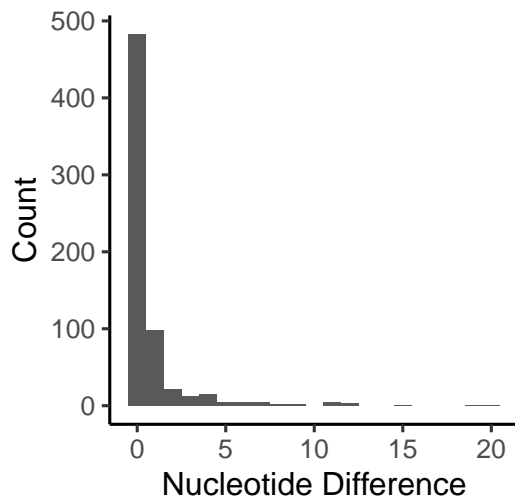
IGKV1-16*02

181 sequences assigned
112 (61.9%) exact matches, in which:
88 unique CDR3
5 unique J



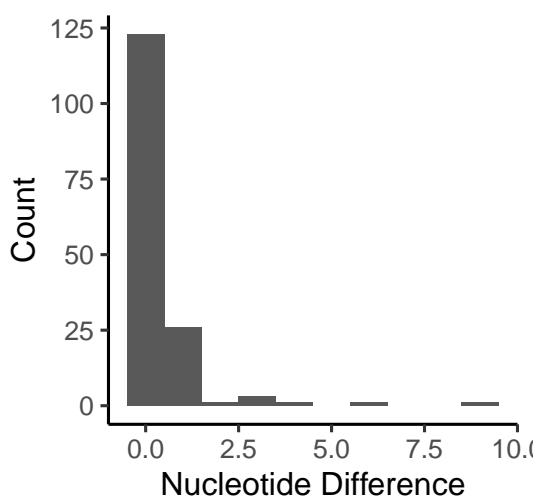
IGKV1-5*03

666 sequences assigned
483 (72.5%) exact matches, in which:
414 unique CDR3
5 unique J



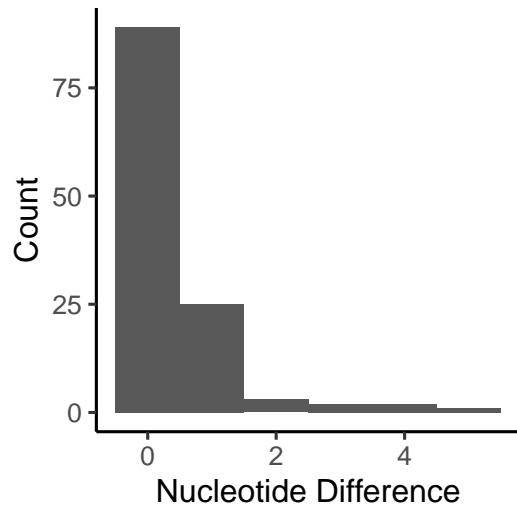
IGKV1-8*01_G12A_T31C

156 sequences assigned
123 (78.8%) exact matches, in which:
109 unique CDR3
5 unique J



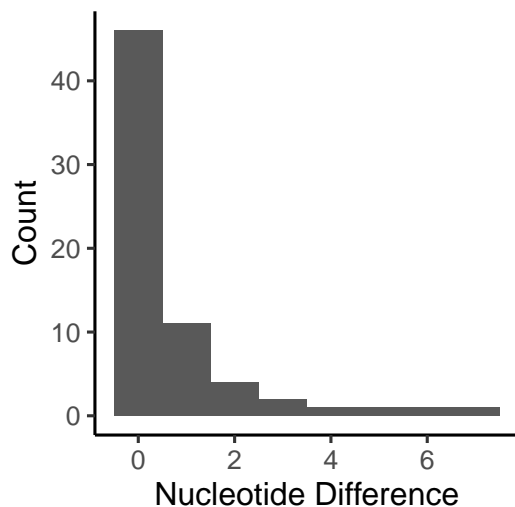
IGKV1-17*01

123 sequences assigned
89 (72.4%) exact matches, in which:
76 unique CDR3
5 unique J



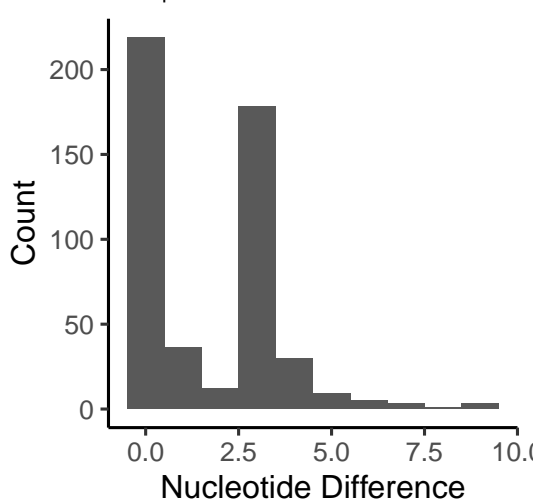
IGKV1-6*01

67 sequences assigned
46 (68.7%) exact matches, in which:
37 unique CDR3
5 unique J



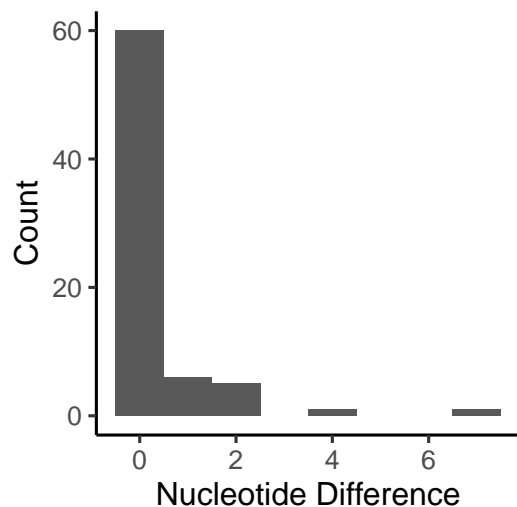
IGKV1-9*01

496 sequences assigned
219 (44.2%) exact matches, in which:
190 unique CDR3
5 unique J



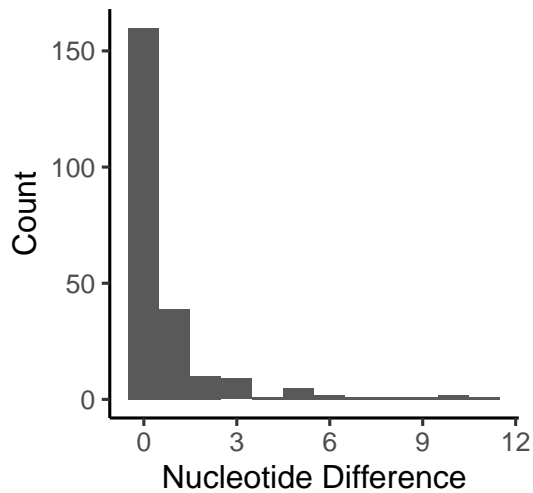
IGKV1-17*03

73 sequences assigned
60 (82.2%) exact matches, in which:
55 unique CDR3
5 unique J



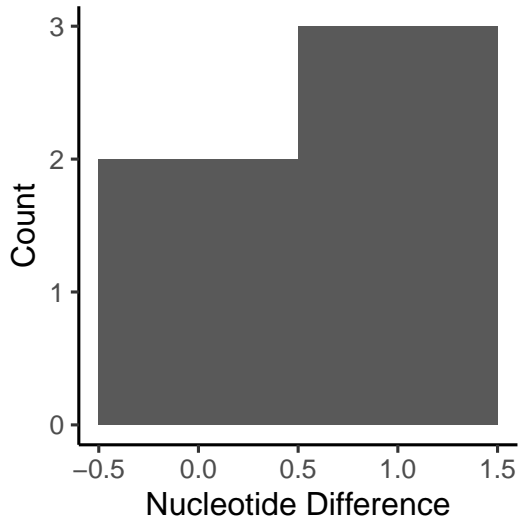
IGKV1–27*01_T231C

232 sequences assigned
160 (69%) exact matches, in which:
133 unique CDR3
5 unique J



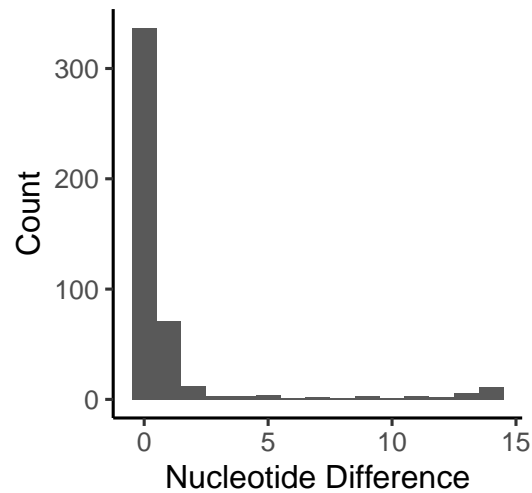
IGKV2/OR22–4*01

5 sequences assigned
2 (40%) exact matches, in which:
2 unique CDR3
2 unique J



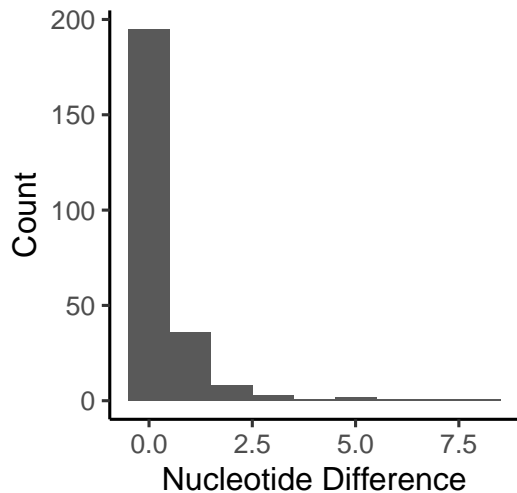
IGKV2–29*02

460 sequences assigned
337 (73.3%) exact matches, in which:
276 unique CDR3
5 unique J



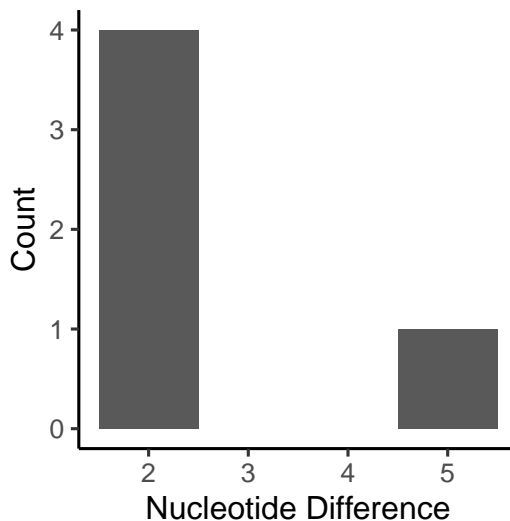
IGKV1–NL1*01

248 sequences assigned
195 (78.6%) exact matches, in which:
172 unique CDR3
5 unique J



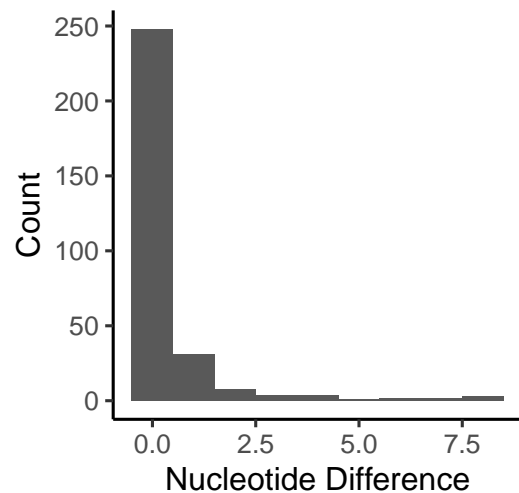
IGKV2–18*01

5 sequences assigned
No exact matches.



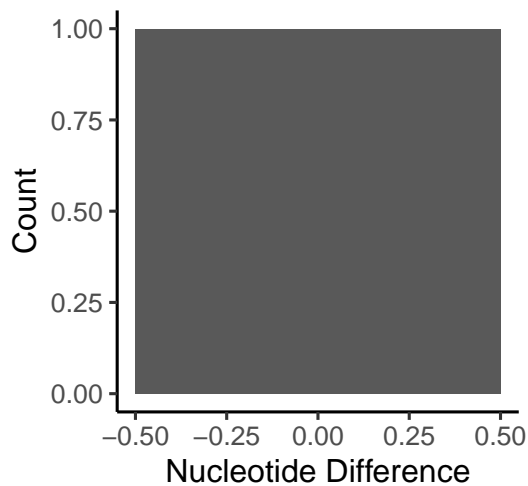
IGKV2–30*02

303 sequences assigned
248 (81.8%) exact matches, in which:
217 unique CDR3
5 unique J



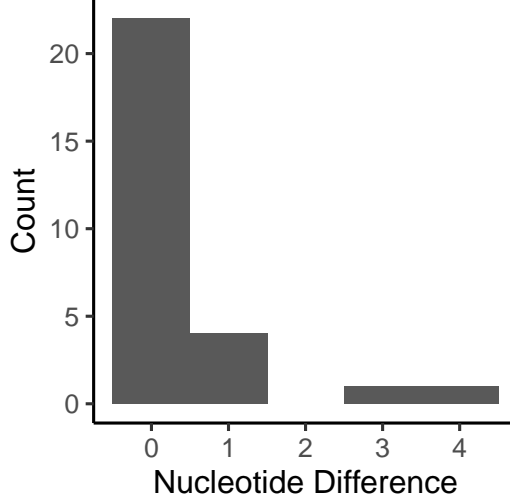
IGKV1/OR2–1*01

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



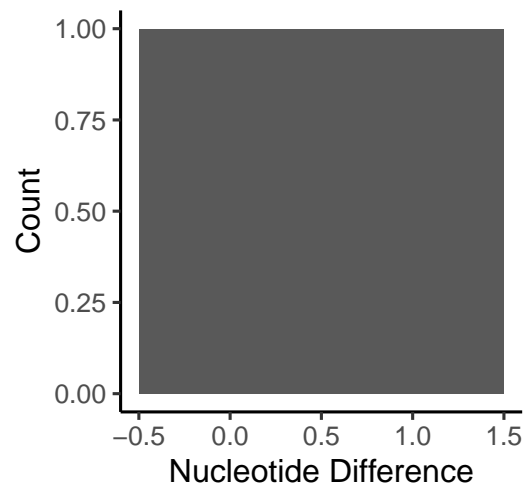
IGKV2–24*01_T314C

28 sequences assigned
22 (78.6%) exact matches, in which:
22 unique CDR3
5 unique J



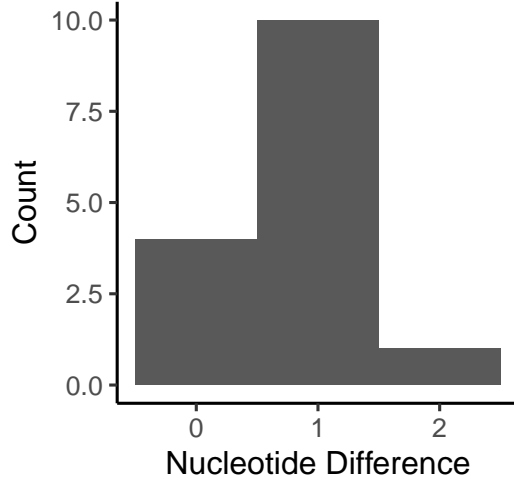
IGKV3/OR2–268*01

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



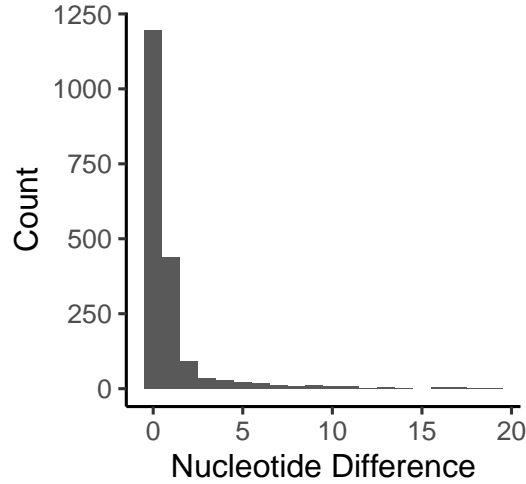
IGKV3-7*04

15 sequences assigned
4 (26.7%) exact matches, in which:
4 unique CDR3
3 unique J



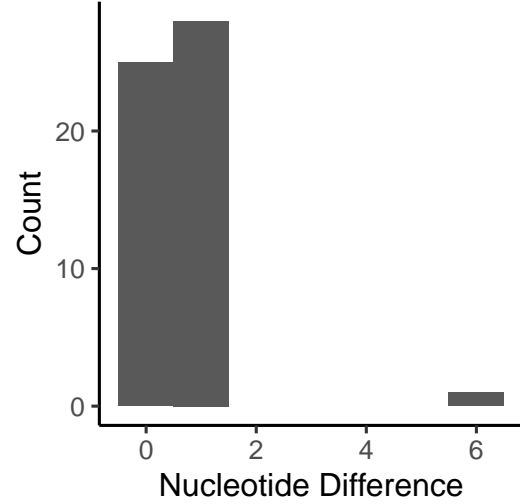
IGKV3-20*01

1910 sequences assigned
1195 (62.6%) exact matches, in which:
910 unique CDR3
5 unique J



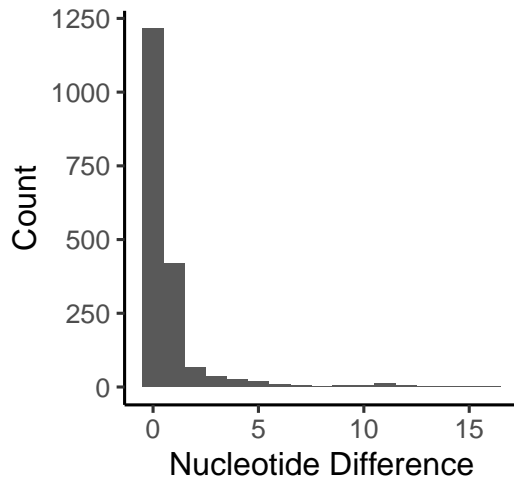
IGKV5-2*01

54 sequences assigned
25 (46.3%) exact matches, in which:
24 unique CDR3
4 unique J



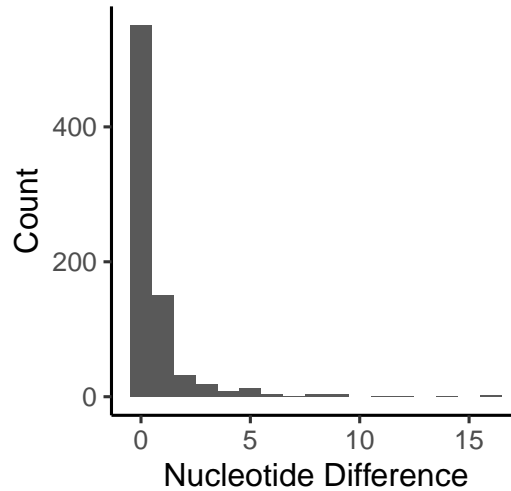
IGKV3-11*01

1827 sequences assigned
1215 (66.5%) exact matches, in which:
912 unique CDR3
5 unique J



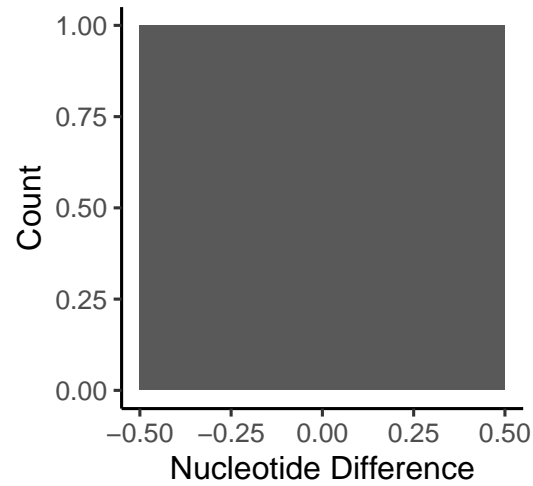
IGKV4-1*01

789 sequences assigned
551 (69.8%) exact matches, in which:
408 unique CDR3
5 unique J



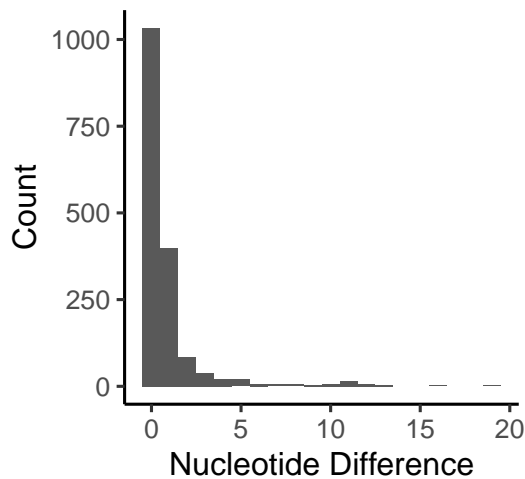
IGKV1/OR15-118*01

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



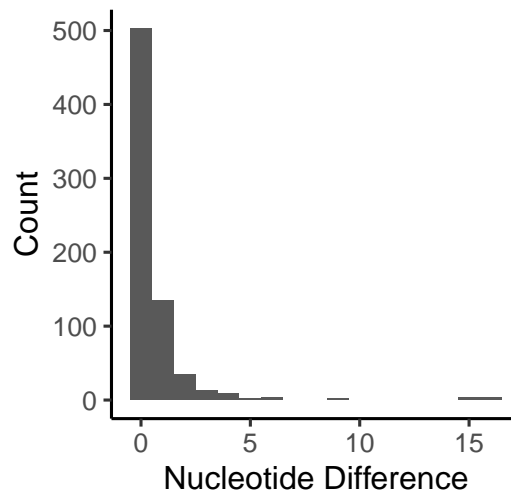
IGKV3-15*01

1664 sequences assigned
1033 (62.1%) exact matches, in which:
781 unique CDR3
5 unique J



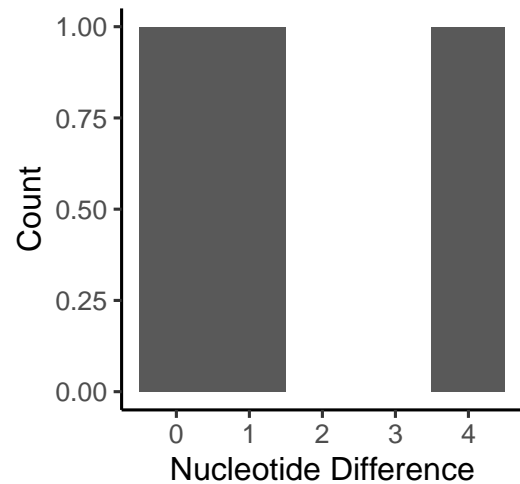
IGKV4-1*01_A318G

709 sequences assigned
503 (70.9%) exact matches, in which:
368 unique CDR3
5 unique J



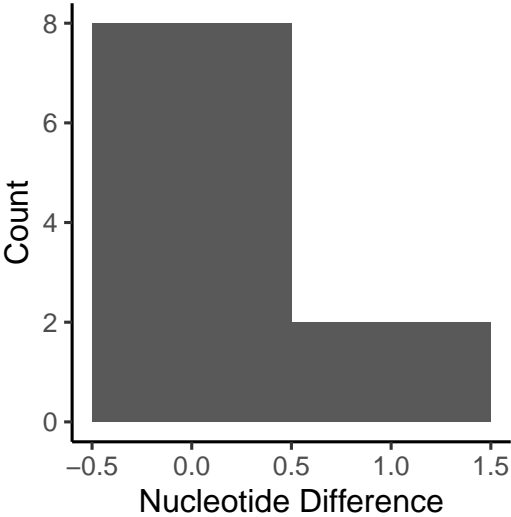
IGKV7-3*01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



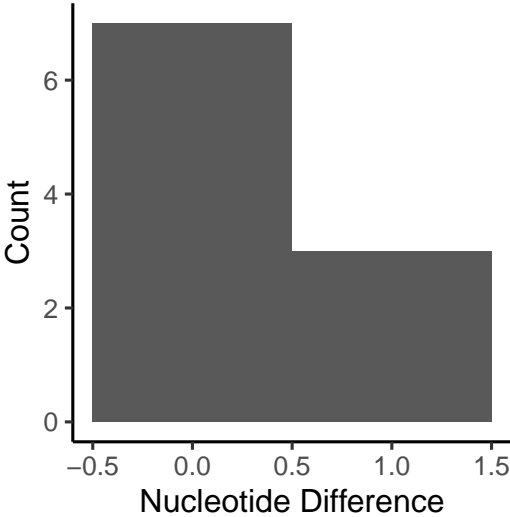
IGKV3D-7*01

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



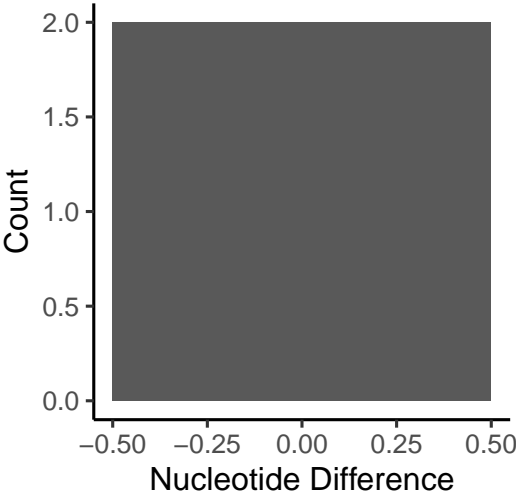
IGKV3D-11*02

10 sequences assigned
7 (70%) exact matches, in which:
7 unique CDR3
3 unique J



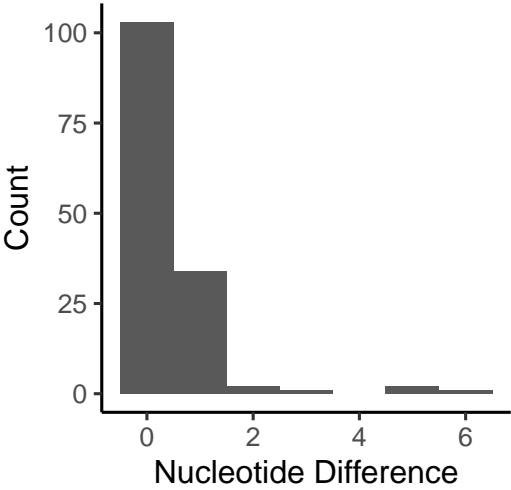
IGKV1D-17*01

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



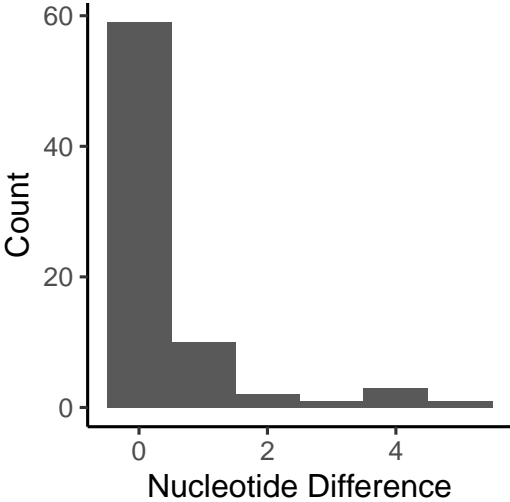
IGKV1D-8*01

143 sequences assigned
103 (72%) exact matches, in which:
71 unique CDR3
5 unique J



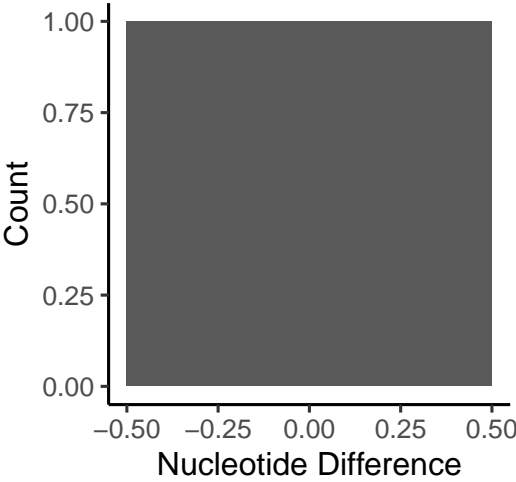
IGKV3D-15*01

76 sequences assigned
59 (77.6%) exact matches, in which:
49 unique CDR3
5 unique J



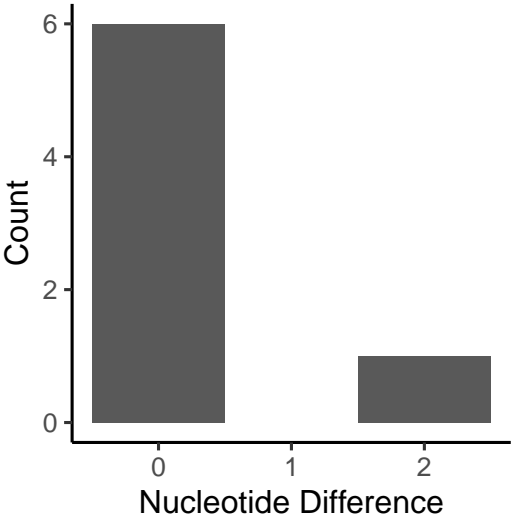
IGKV2D-18*01

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



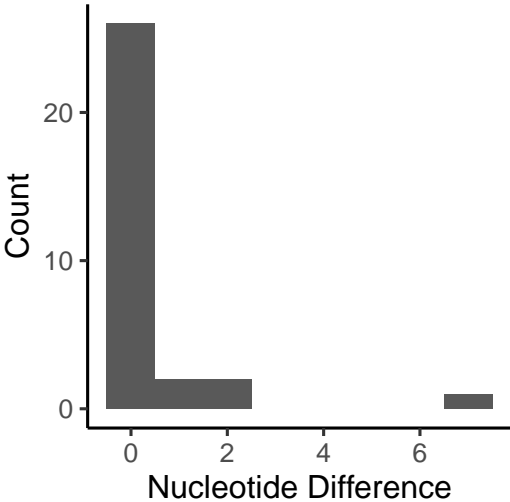
IGKV3D-11*01

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



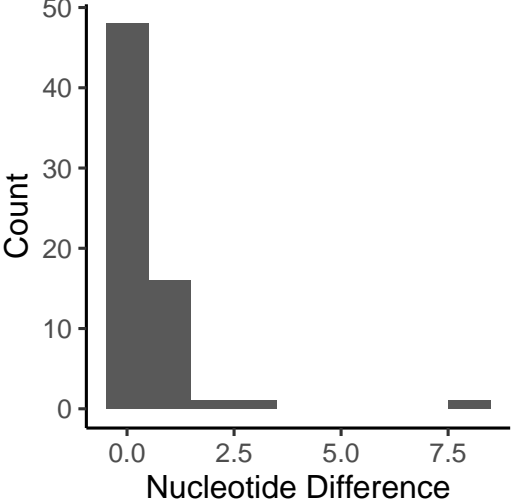
IGKV1D-16*01

32 sequences assigned
26 (81.2%) exact matches, in which:
22 unique CDR3
5 unique J



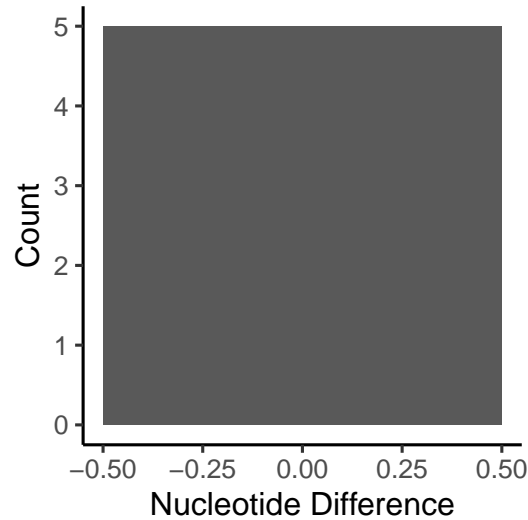
IGKV3D-20*01

67 sequences assigned
48 (71.6%) exact matches, in which:
42 unique CDR3
5 unique J



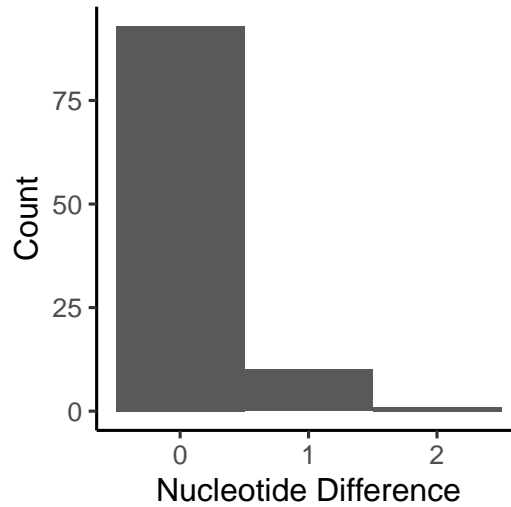
IGKV2D-24*01

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



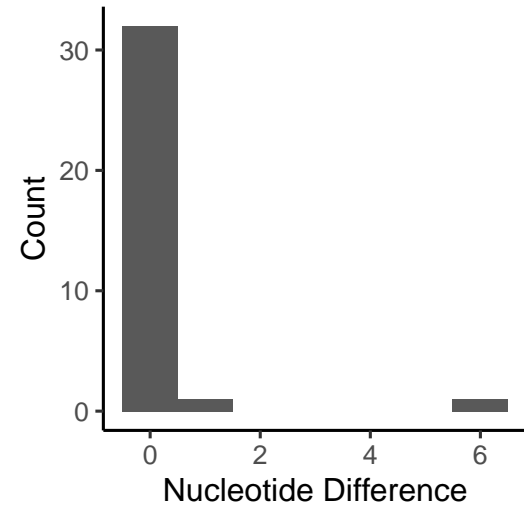
IGKV2D-29*02

104 sequences assigned
93 (89.4%) exact matches, in which:
82 unique CDR3
5 unique J



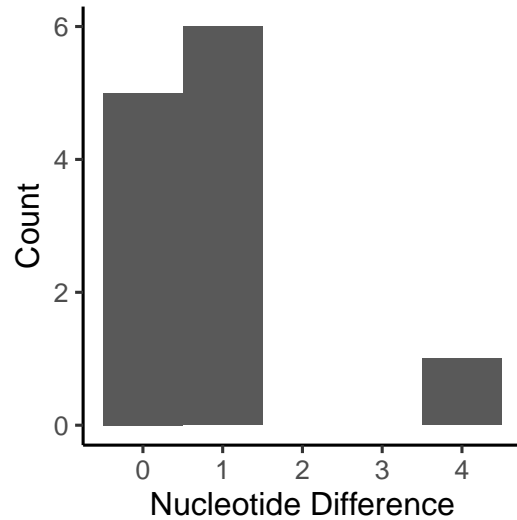
IGKV1D-43*01

34 sequences assigned
32 (94.1%) exact matches, in which:
30 unique CDR3
5 unique J



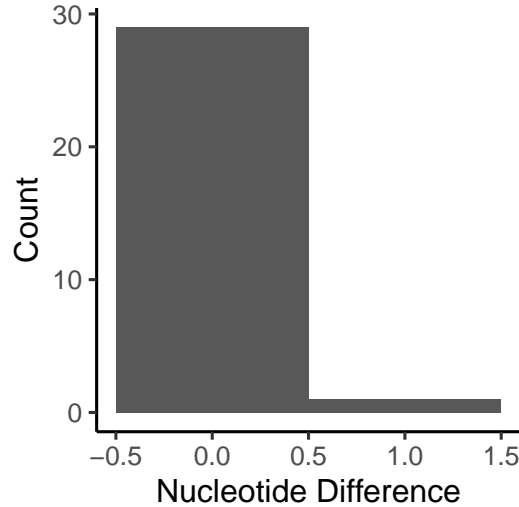
IGKV2D-26*03

12 sequences assigned
5 (41.7%) exact matches, in which:
5 unique CDR3
3 unique J



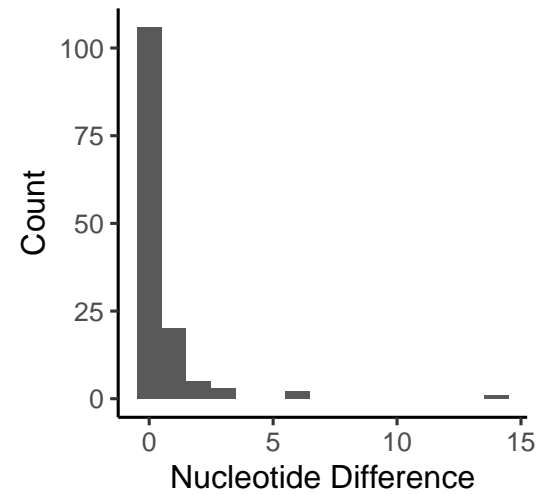
IGKV2D-30*01

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



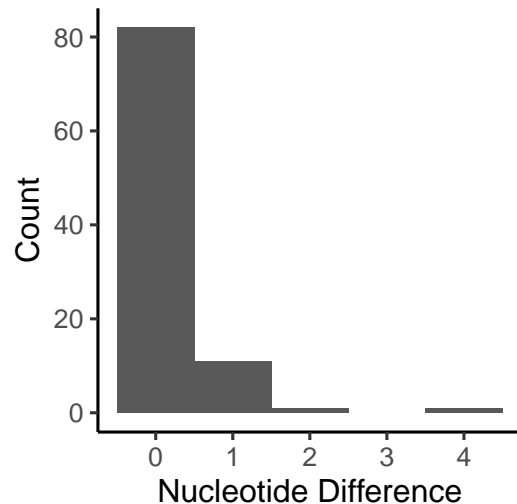
IGKV1E-12*01

137 sequences assigned
106 (77.4%) exact matches, in which:
79 unique CDR3
5 unique J



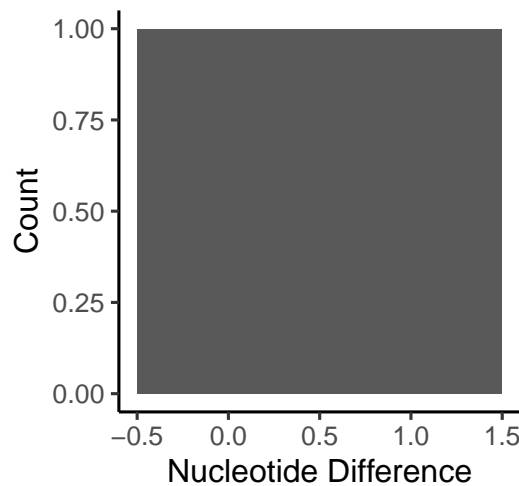
IGKV2D-29*01

95 sequences assigned
82 (86.3%) exact matches, in which:
76 unique CDR3
5 unique J



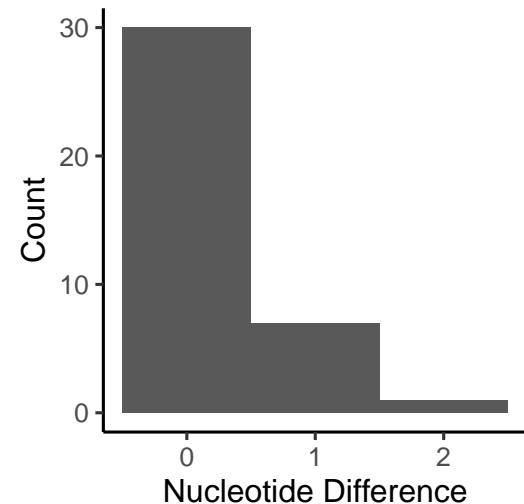
IGKV6D-41*01

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



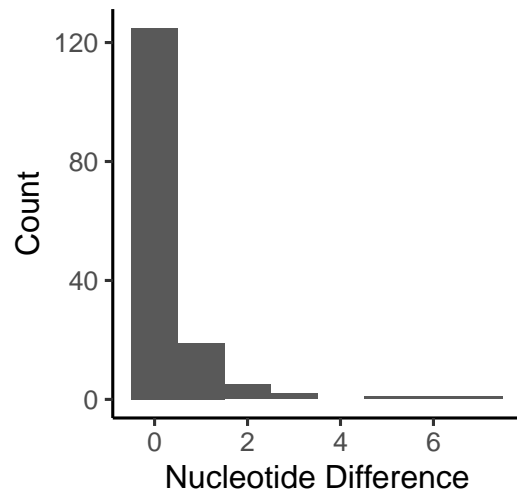
IGKV1E-12*02

38 sequences assigned
30 (78.9%) exact matches, in which:
19 unique CDR3
5 unique J



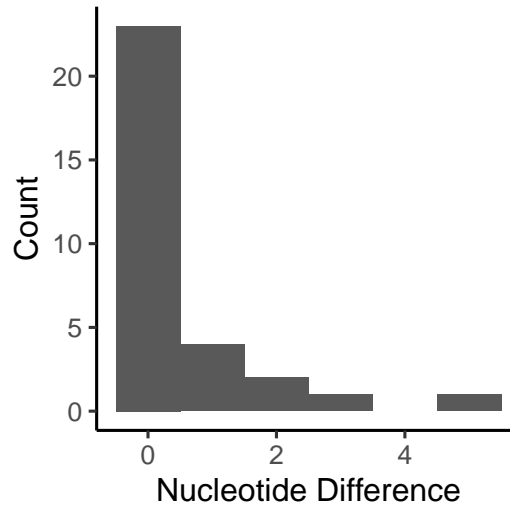
IGKV1E-12*03

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



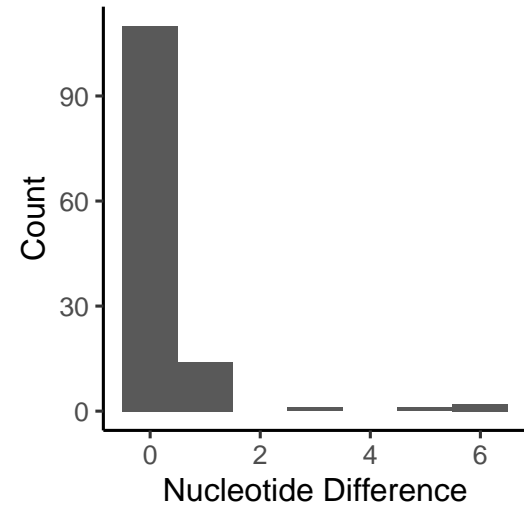
IGKV6E-21*03

31 sequences assigned
23 (74.2%) exact matches, in which:
20 unique CDR3
5 unique J



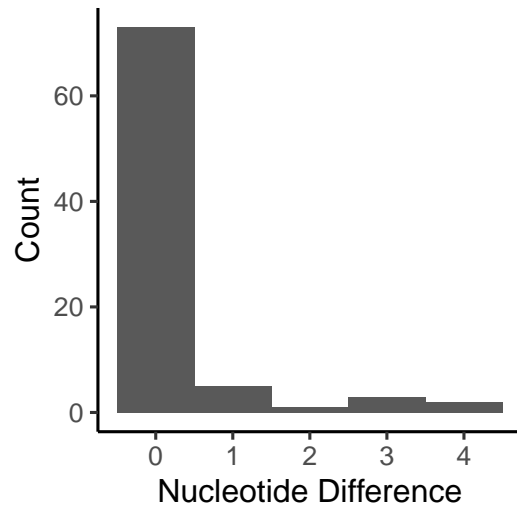
IGKV2E-28*01_G90C

128 sequences assigned
110 (85.9%) exact matches, in which:
97 unique CDR3
5 unique J



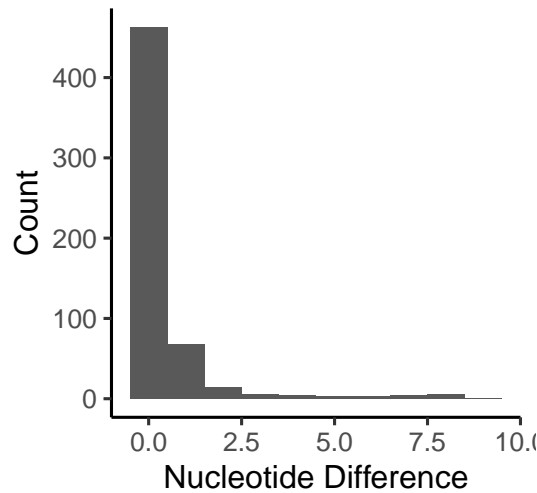
IGKV1E-13*03

84 sequences assigned
73 (86.9%) exact matches, in which:
65 unique CDR3
5 unique J



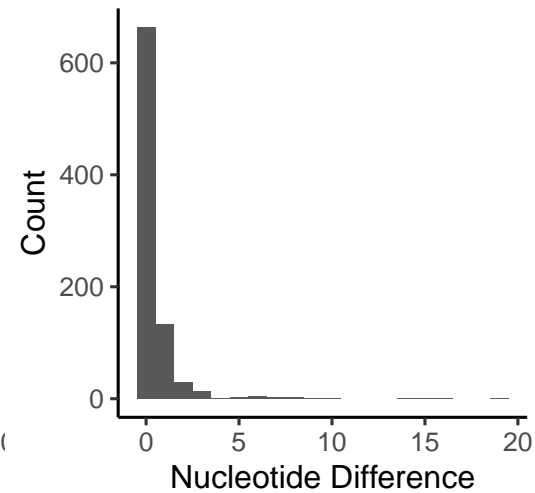
IGKV2E-28*01

571 sequences assigned
463 (81.1%) exact matches, in which:
397 unique CDR3
5 unique J



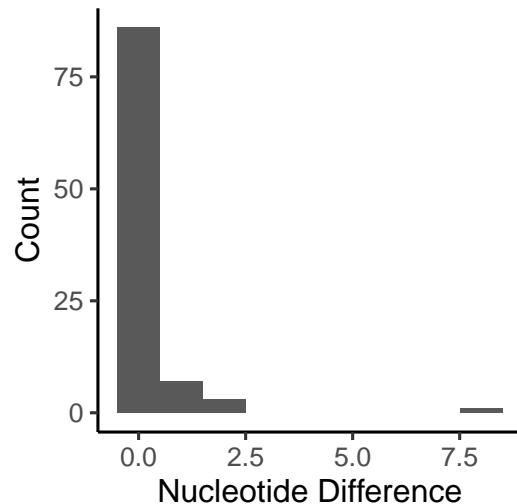
IGKV1E-33*01

859 sequences assigned
664 (77.3%) exact matches, in which:
494 unique CDR3
5 unique J



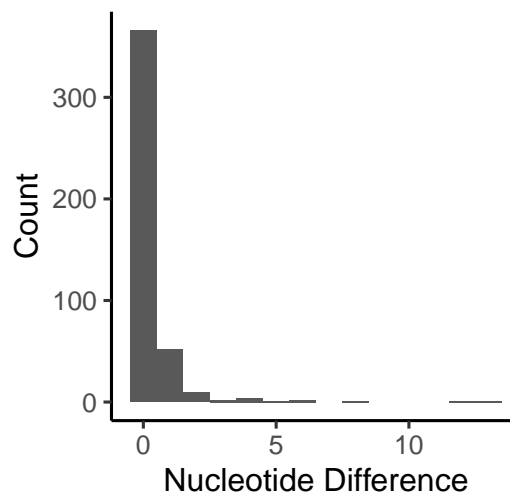
IGKV6E-21*02

97 sequences assigned
86 (88.7%) exact matches, in which:
66 unique CDR3
5 unique J



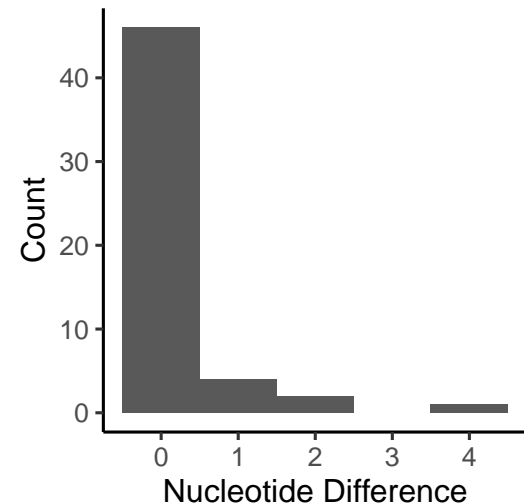
IGKV2E-28*01_C142A

439 sequences assigned
366 (83.4%) exact matches, in which:
323 unique CDR3
5 unique J



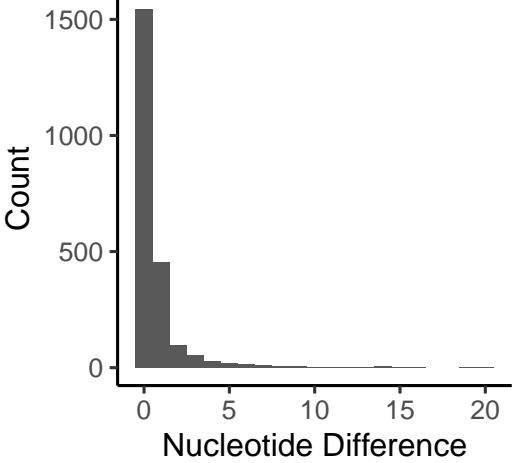
IGKV1E-37*01

53 sequences assigned
46 (86.8%) exact matches, in which:
44 unique CDR3
5 unique J



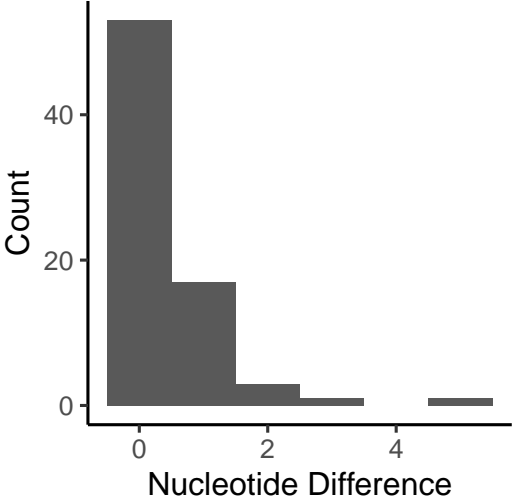
IGKV1E-39*01

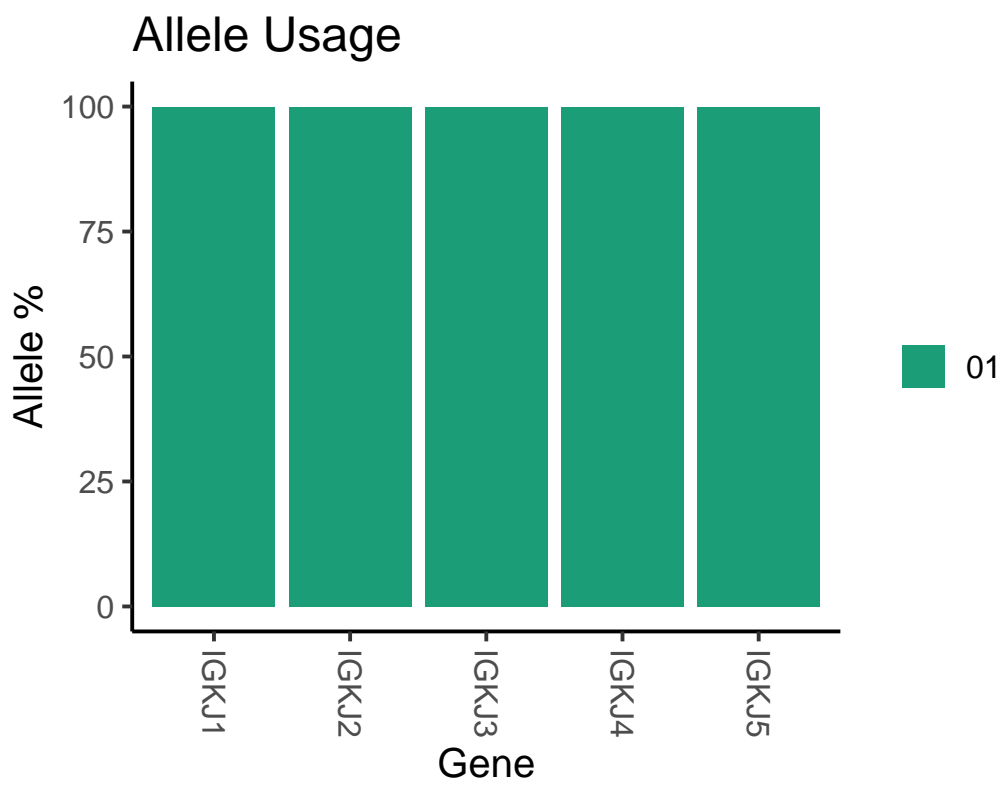
2259 sequences assigned
1543 (68.3%) exact matches, in which:
1132 unique CDR3
5 unique J



IGKV2E-40*01

75 sequences assigned
53 (70.7%) exact matches, in which:
41 unique CDR3
5 unique J





Warning – no inferred sequences found.