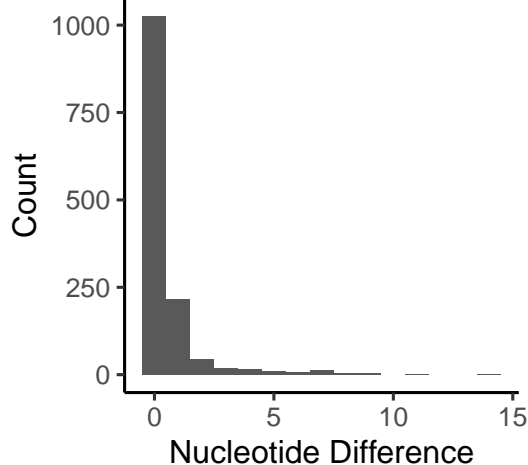


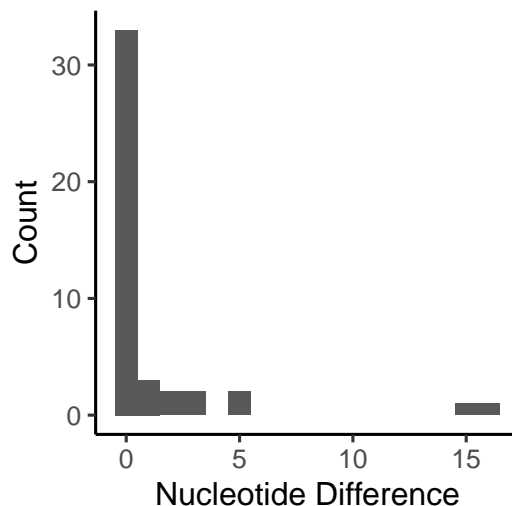
IGKV1-5*01

1358 sequences assigned
1025 (75.5%) exact matches, in which:
815 unique CDR3
6 unique J



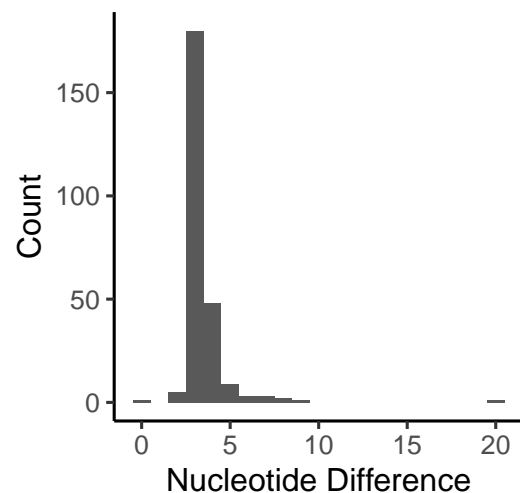
IGKV1-6*01_G9A

44 sequences assigned
33 (75%) exact matches, in which:
29 unique CDR3
5 unique J



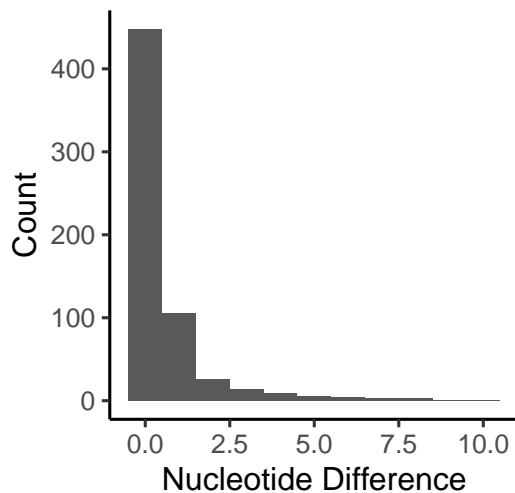
IGKV1-9*01

253 sequences assigned
1 (0.4%) exact matches, in which:
1 unique CDR3
1 unique J



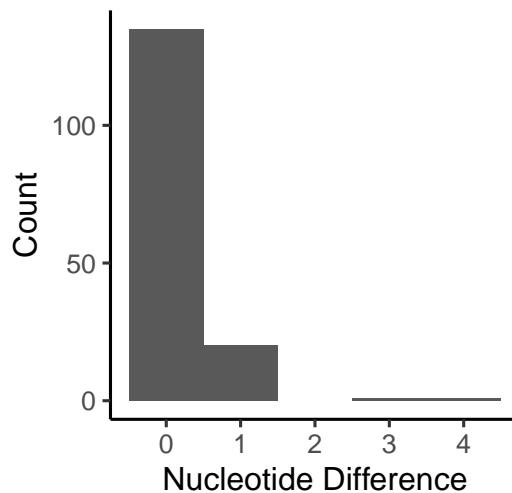
IGKV1-5*03

622 sequences assigned
448 (72%) exact matches, in which:
384 unique CDR3
6 unique J



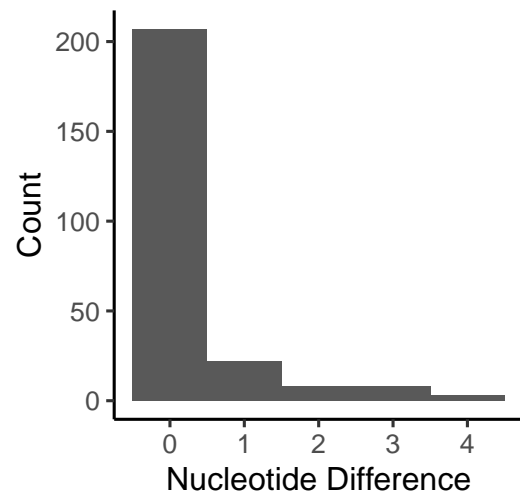
IGKV1-8*01

157 sequences assigned
135 (86%) exact matches, in which:
122 unique CDR3
5 unique J



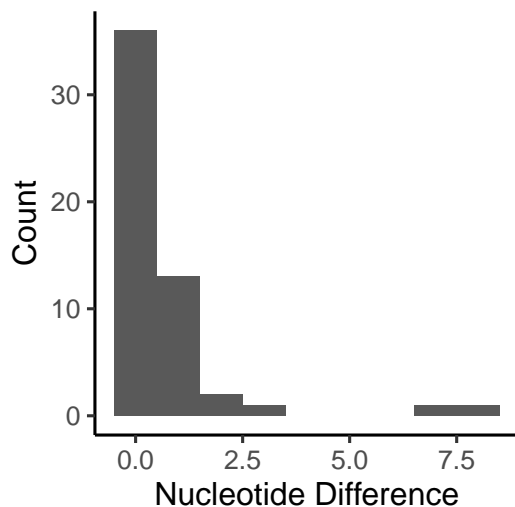
IGKV1-9*01_C70T

248 sequences assigned
207 (83.5%) exact matches, in which:
184 unique CDR3
5 unique J



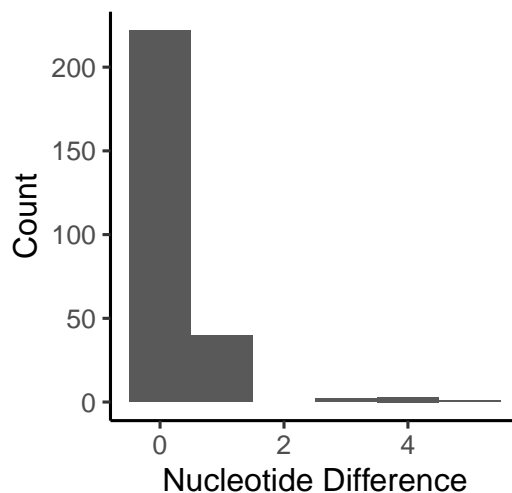
IGKV1-6*01

54 sequences assigned
36 (66.7%) exact matches, in which:
36 unique CDR3
5 unique J



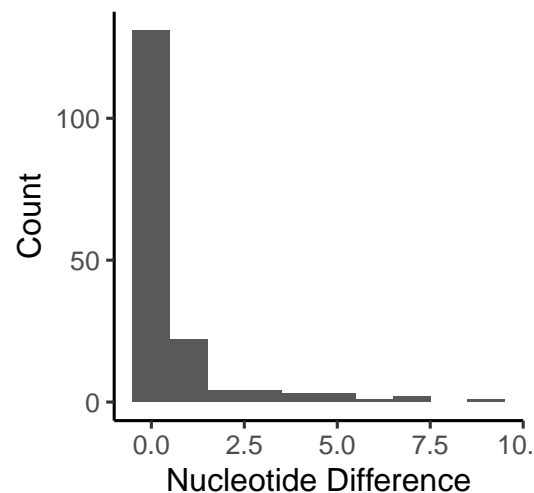
IGKV1-8*01_T31C

268 sequences assigned
222 (82.8%) exact matches, in which:
192 unique CDR3
6 unique J



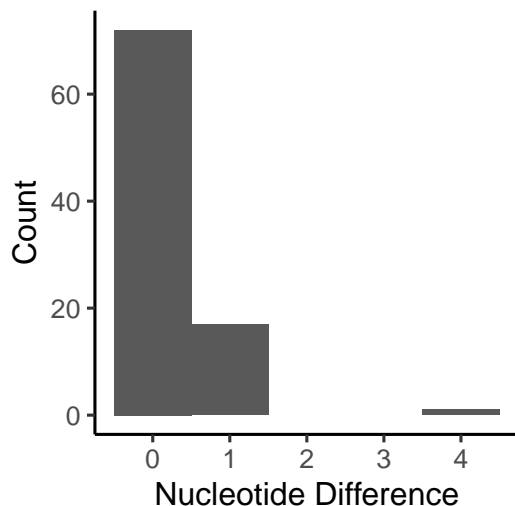
IGKV1-16*02

171 sequences assigned
131 (76.6%) exact matches, in which:
93 unique CDR3
6 unique J



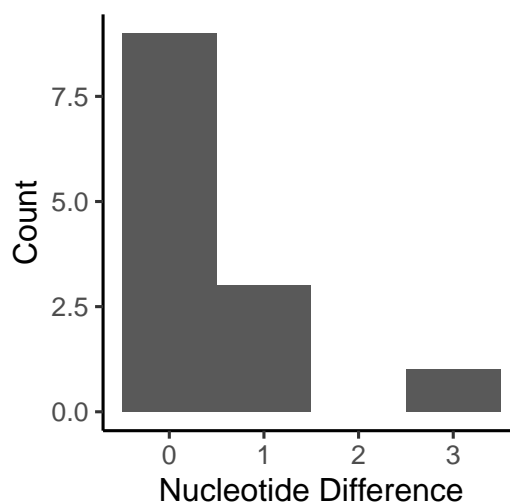
IGKV1-17*01

90 sequences assigned
72 (80%) exact matches, in which:
60 unique CDR3
5 unique J



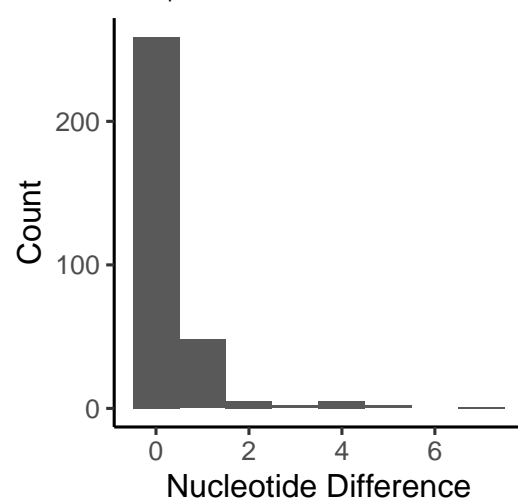
IGKV2/OR22-4*01

13 sequences assigned
9 (69.2%) exact matches, in which:
7 unique CDR3
4 unique J



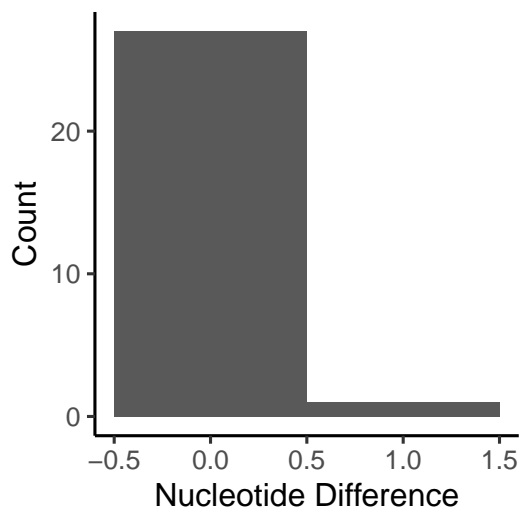
IGKV2-30*01

322 sequences assigned
259 (80.4%) exact matches, in which:
227 unique CDR3
6 unique J



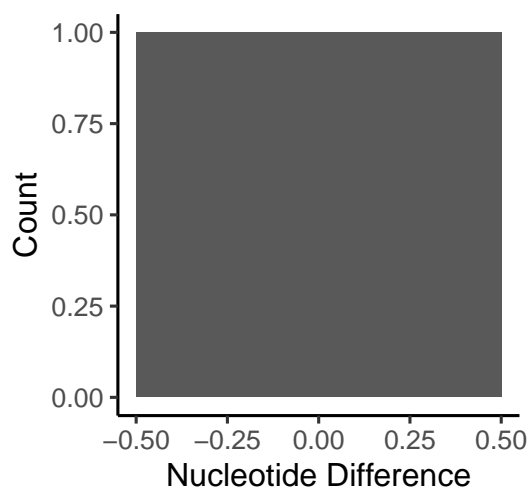
IGKV1-17*03

28 sequences assigned
27 (96.4%) exact matches, in which:
24 unique CDR3
5 unique J



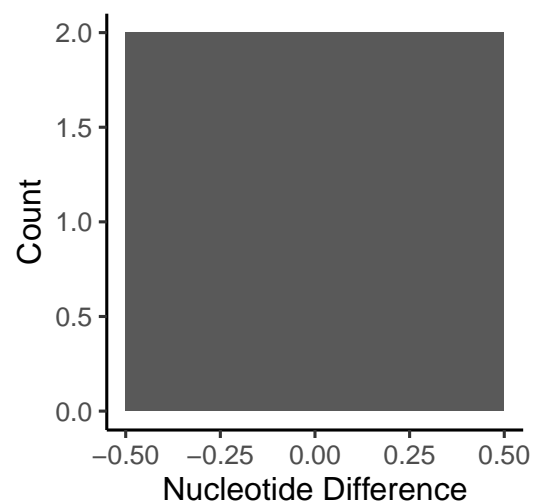
IGKV2-18*01

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



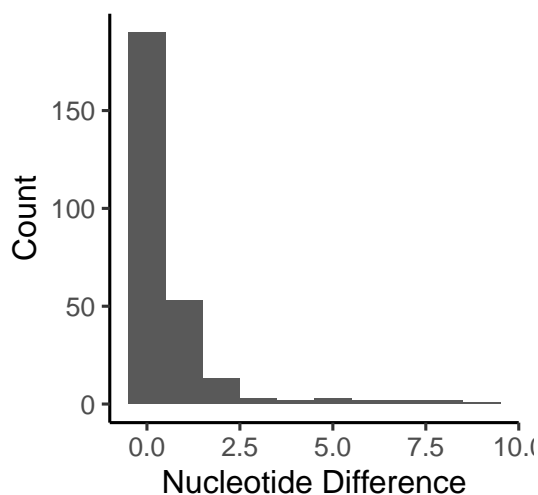
IGKV3/OR2-268*01

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



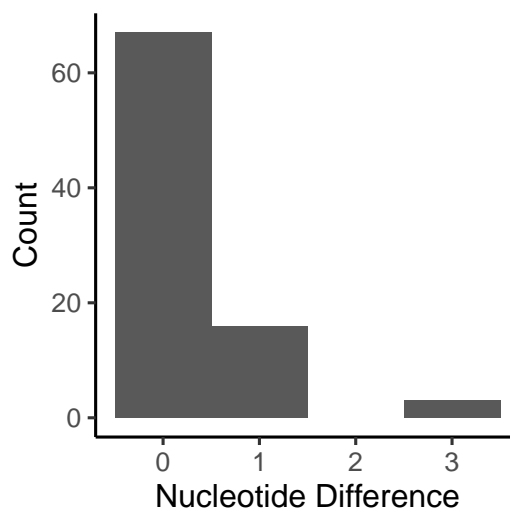
IGKV1-27*01

271 sequences assigned
190 (70.1%) exact matches, in which:
142 unique CDR3
6 unique J



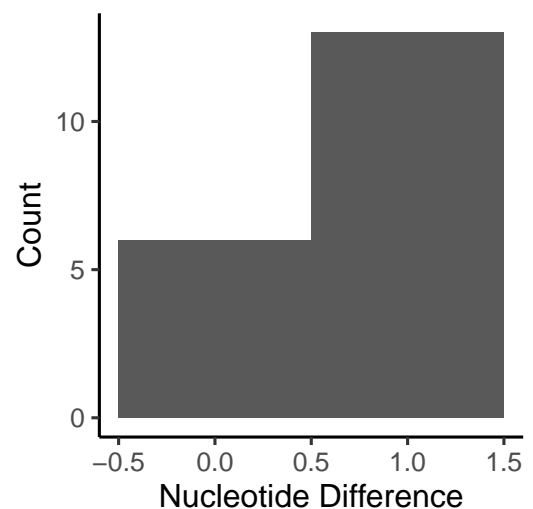
IGKV2-24*01

86 sequences assigned
67 (77.9%) exact matches, in which:
60 unique CDR3
6 unique J



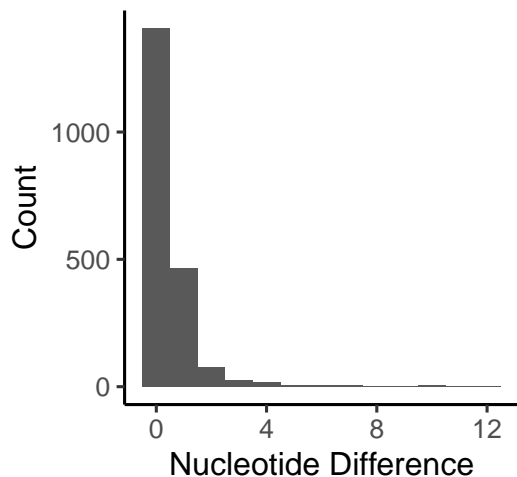
IGKV3-7*04

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



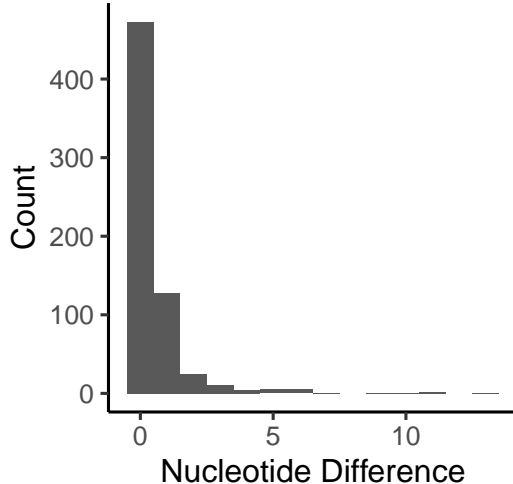
IGKV3–11*01

2025 sequences assigned
1407 (69.5%) exact matches, in which:
1048 unique CDR3
6 unique J



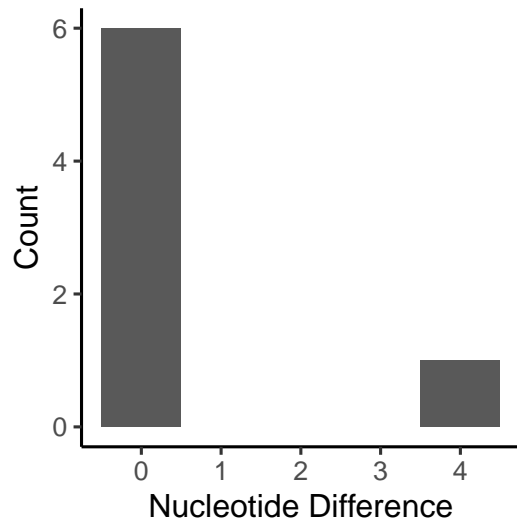
IGKV4–1*01

657 sequences assigned
473 (72%) exact matches, in which:
355 unique CDR3
6 unique J



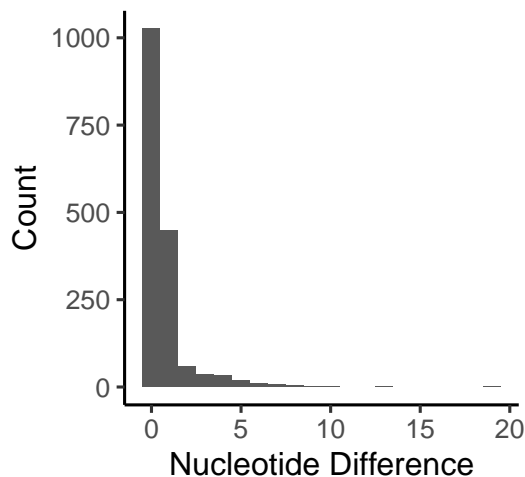
IGKV3D–7*01

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



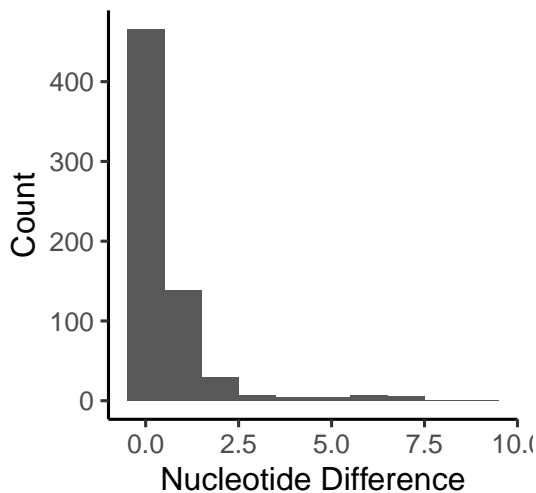
IGKV3–15*01

1648 sequences assigned
1026 (62.3%) exact matches, in which:
803 unique CDR3
6 unique J



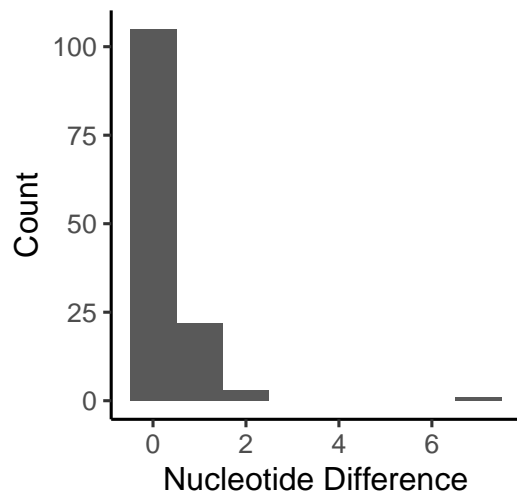
IGKV4–1*01_A318G

664 sequences assigned
466 (70.2%) exact matches, in which:
344 unique CDR3
6 unique J



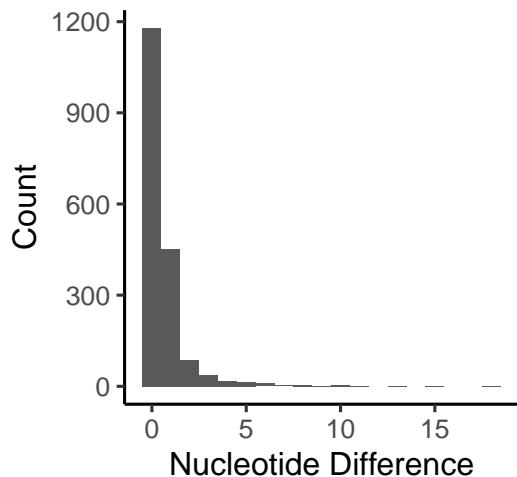
IGKV1D–8*03

131 sequences assigned
105 (80.2%) exact matches, in which:
74 unique CDR3
6 unique J



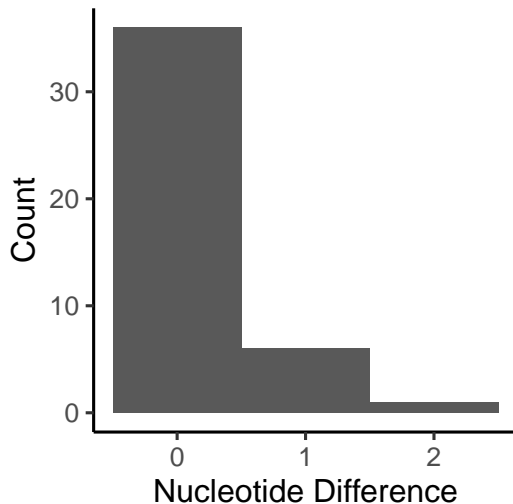
IGKV3–20*01

1812 sequences assigned
1179 (65.1%) exact matches, in which:
954 unique CDR3
6 unique J



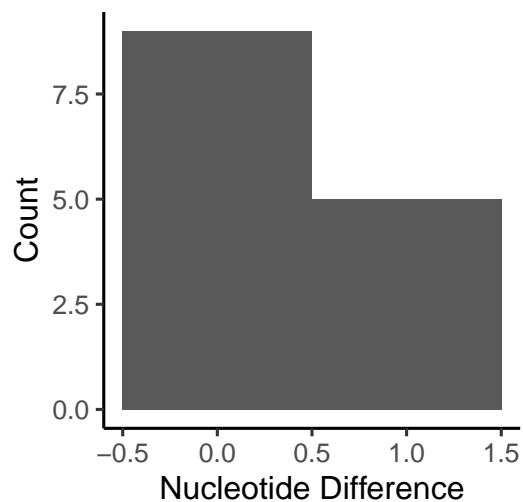
IGKV5–2*01_C214T

43 sequences assigned
36 (83.7%) exact matches, in which:
33 unique CDR3
5 unique J



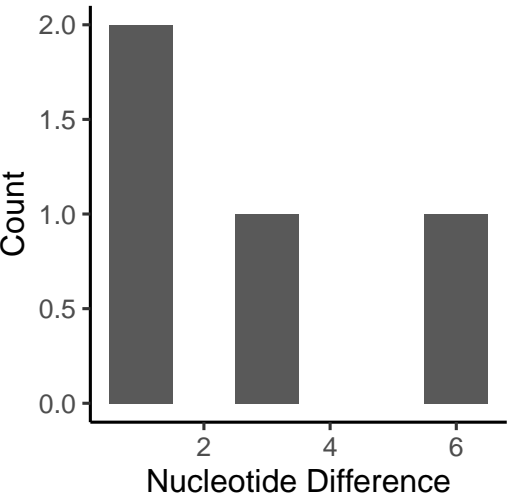
IGKV3D–11*02

14 sequences assigned
9 (64.3%) exact matches, in which:
8 unique CDR3
3 unique J



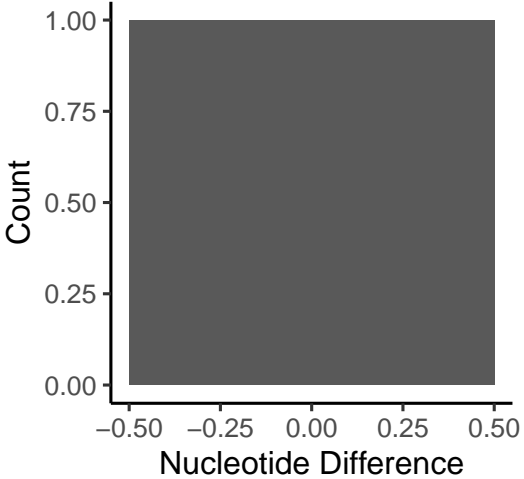
IGKV3D-15*01

4 sequences assigned
No exact matches.



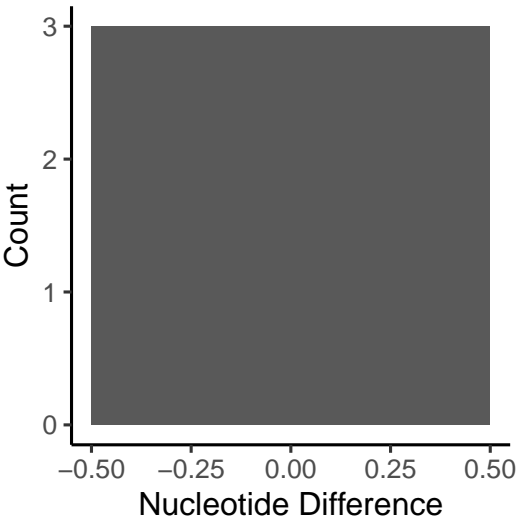
IGKV1D-17*01

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



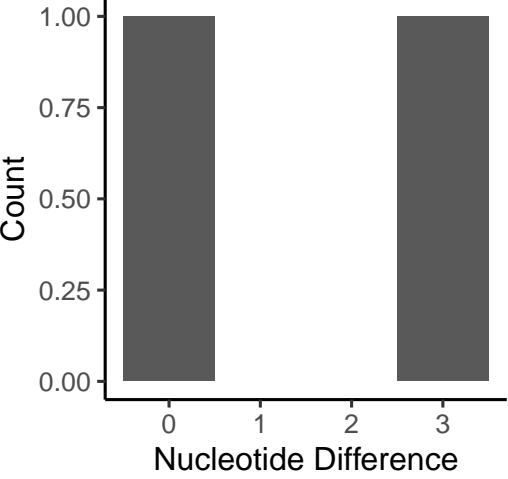
IGKV2D-24*01

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



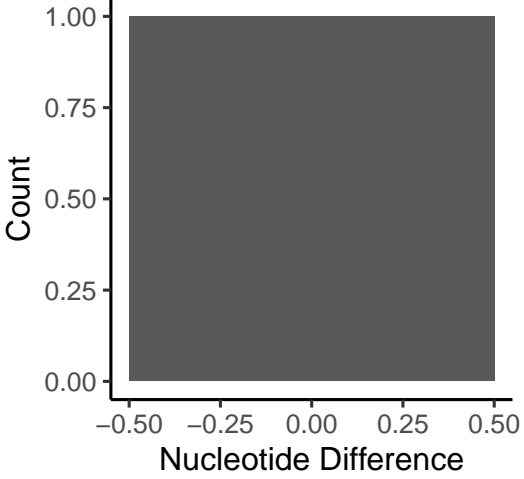
IGKV3D-15*03

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



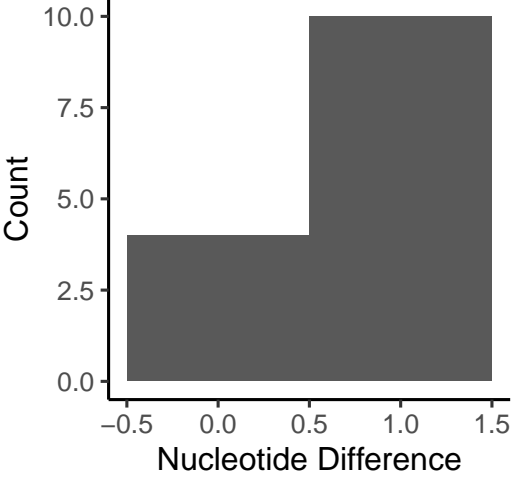
IGKV2D-18*01

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



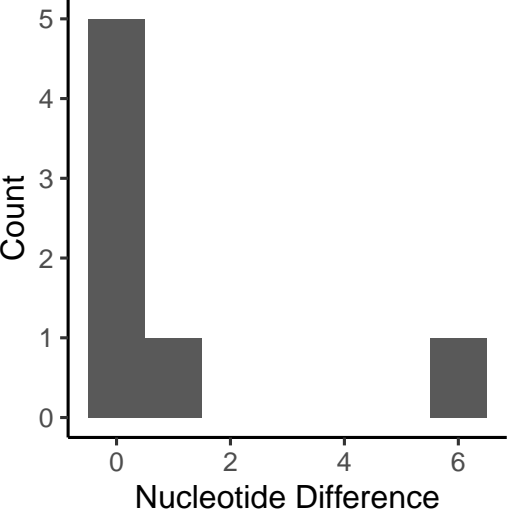
IGKV2D-26*03

14 sequences assigned
4 (28.6%) exact matches, in which:
4 unique CDR3
4 unique J



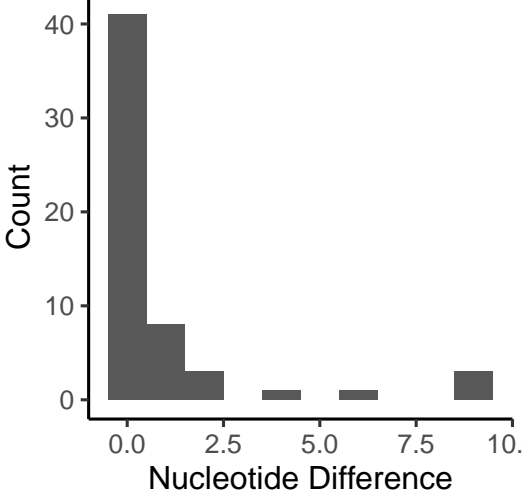
IGKV1D-16*02

7 sequences assigned
5 (71.4%) exact matches, in which:
5 unique CDR3
3 unique J



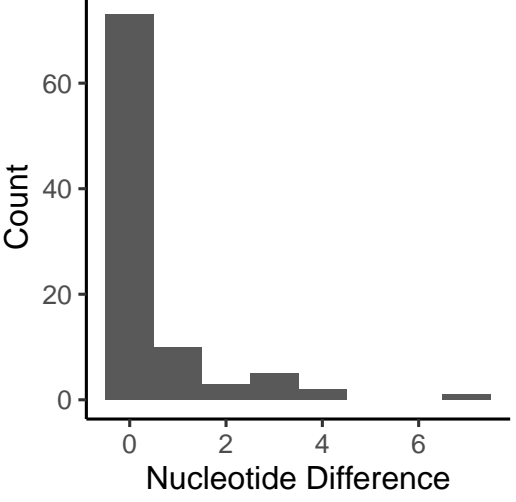
IGKV3D-20*01

57 sequences assigned
41 (71.9%) exact matches, in which:
41 unique CDR3
6 unique J



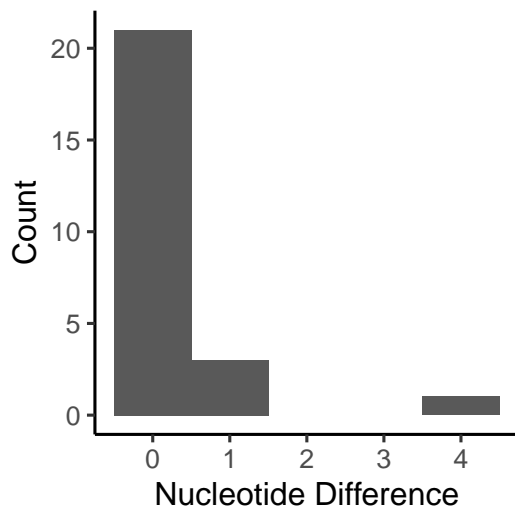
IGKV2D-29*02

94 sequences assigned
73 (77.7%) exact matches, in which:
66 unique CDR3
6 unique J



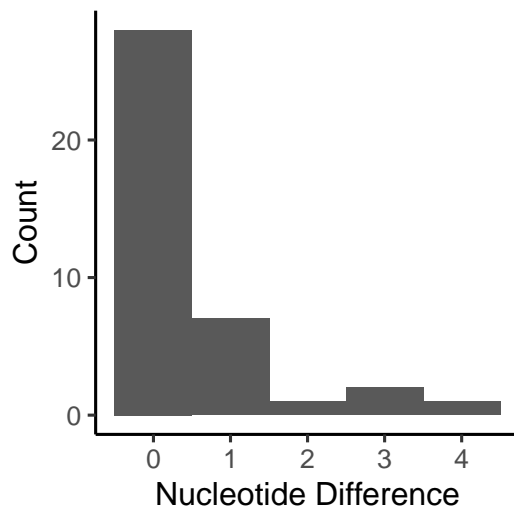
IGKV2D-30*01

25 sequences assigned
21 (84%) exact matches, in which:
19 unique CDR3
6 unique J



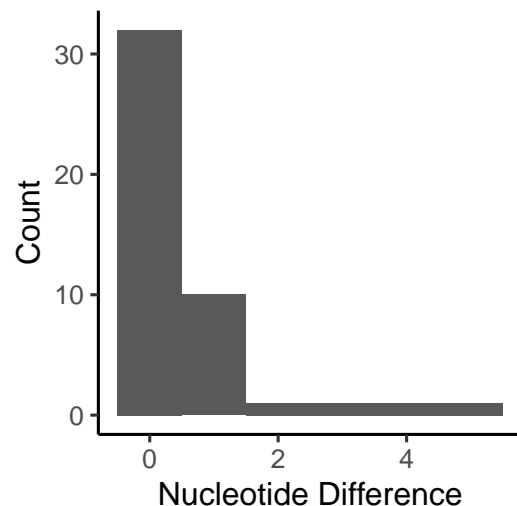
IGKV1E-12*02

39 sequences assigned
28 (71.8%) exact matches, in which:
20 unique CDR3
6 unique J



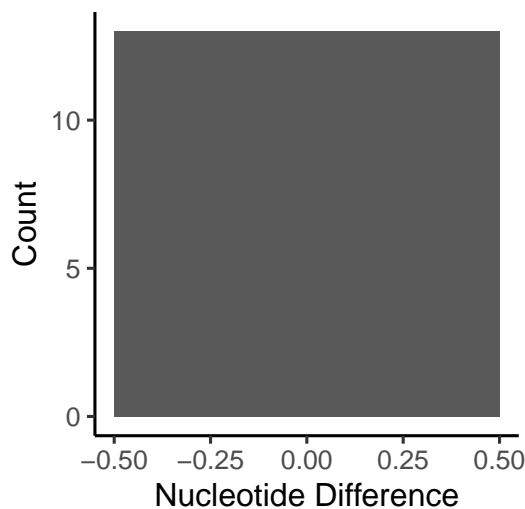
IGKV6E-21*01

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



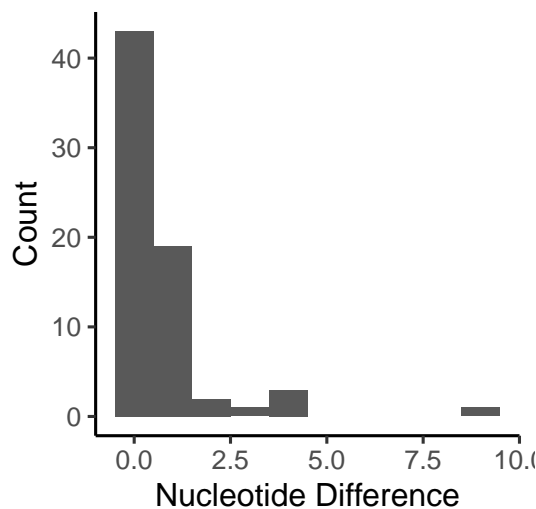
IGKV1D-43*01

13 sequences assigned
13 (100%) exact matches, in which:
13 unique CDR3
5 unique J



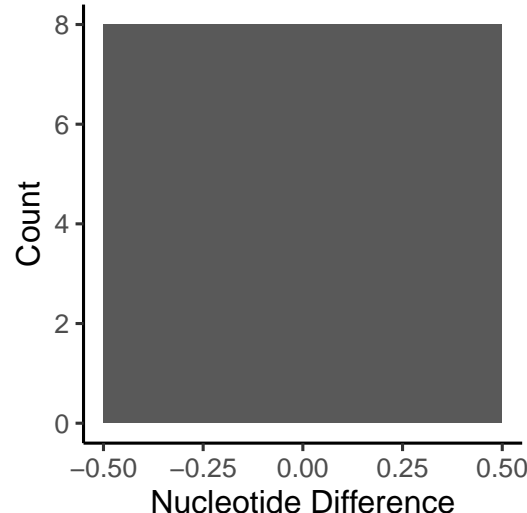
IGKV1E-12*01_T333G

69 sequences assigned
43 (62.3%) exact matches, in which:
27 unique CDR3
6 unique J



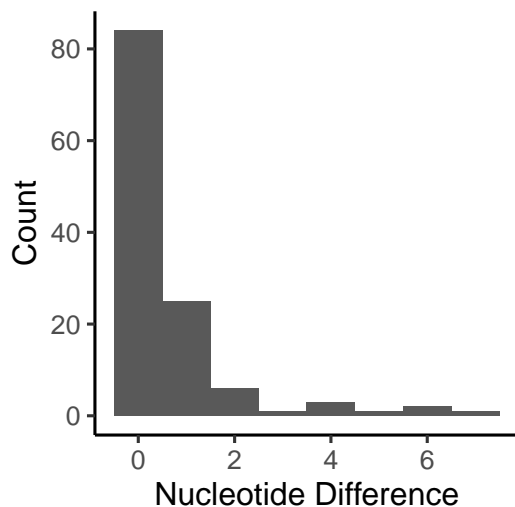
IGKV6E-21*03

8 sequences assigned
8 (100%) exact matches, in which:
7 unique CDR3
3 unique J



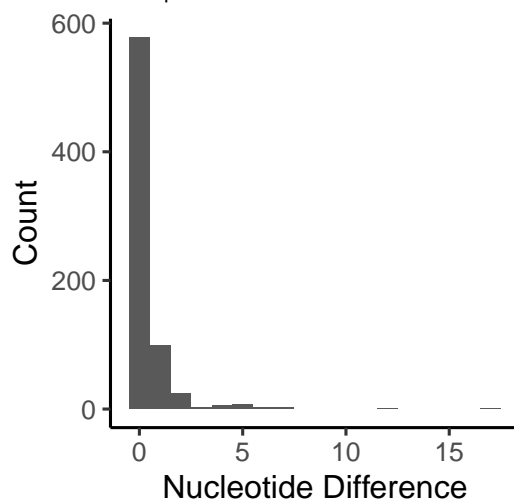
IGKV1E-12*01

123 sequences assigned
84 (68.3%) exact matches, in which:
59 unique CDR3
6 unique J



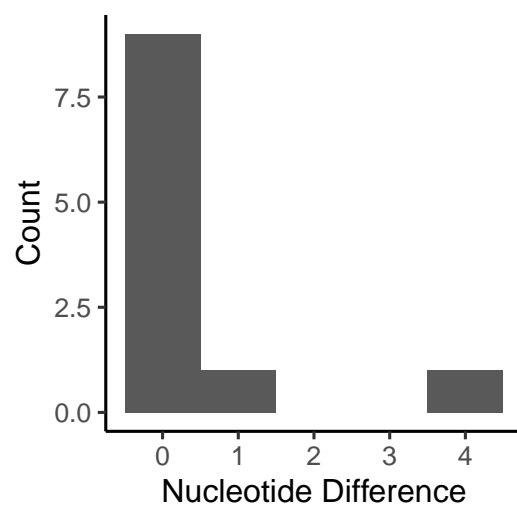
IGKV1E-13*02

724 sequences assigned
578 (79.8%) exact matches, in which:
435 unique CDR3
6 unique J



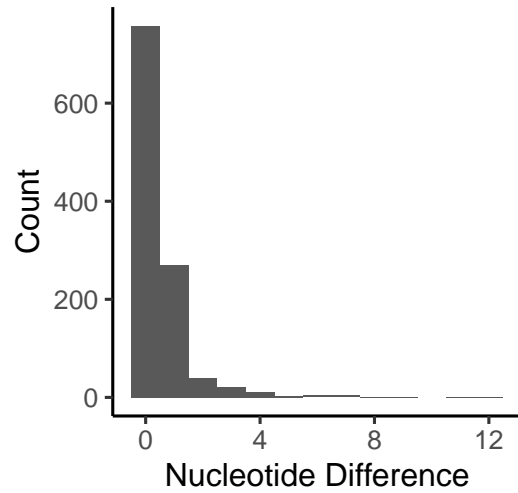
IGKV6E-21*03_A202T

11 sequences assigned
9 (81.8%) exact matches, in which:
8 unique CDR3
4 unique J



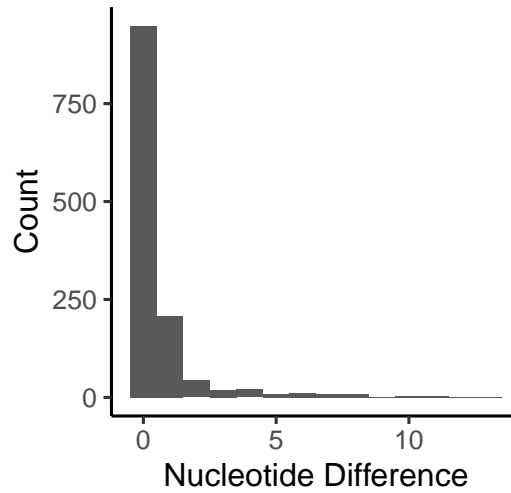
IGKV2E-28*01

1115 sequences assigned
758 (68%) exact matches, in which:
563 unique CDR3
6 unique J



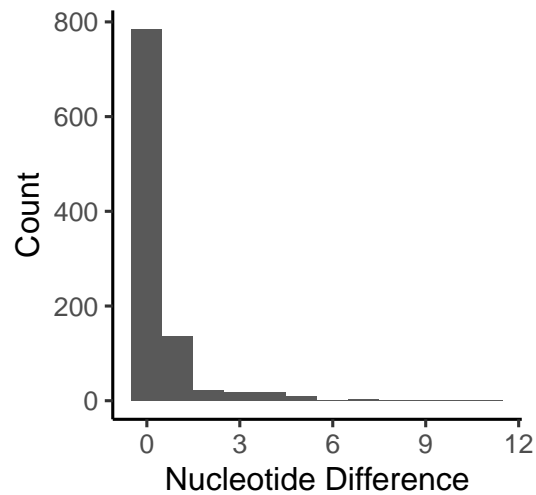
IGKV1E-39*01

1284 sequences assigned
949 (73.9%) exact matches, in which:
704 unique CDR3
6 unique J



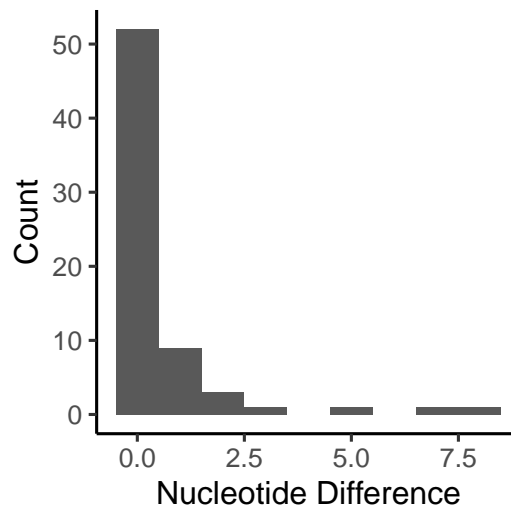
IGKV1E-33*01

1002 sequences assigned
785 (78.3%) exact matches, in which:
586 unique CDR3
6 unique J



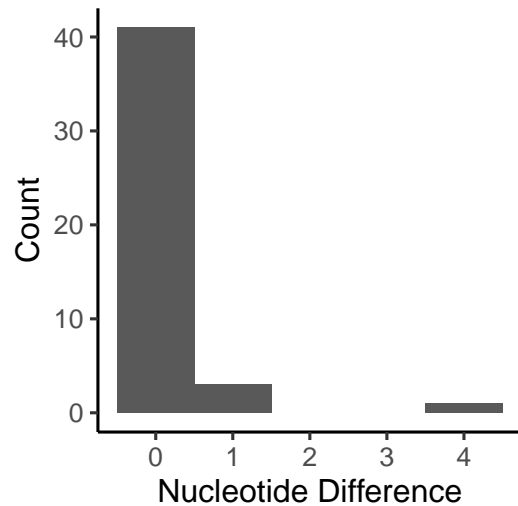
IGKV2E-40*01

68 sequences assigned
52 (76.5%) exact matches, in which:
46 unique CDR3
6 unique J

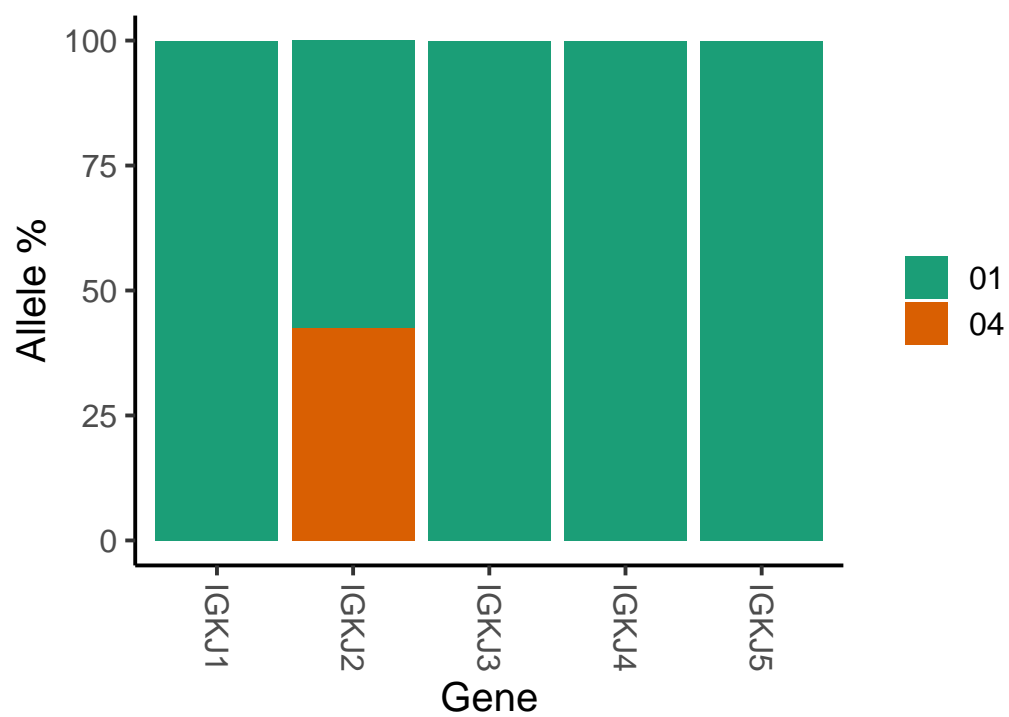


IGKV1E-37*01

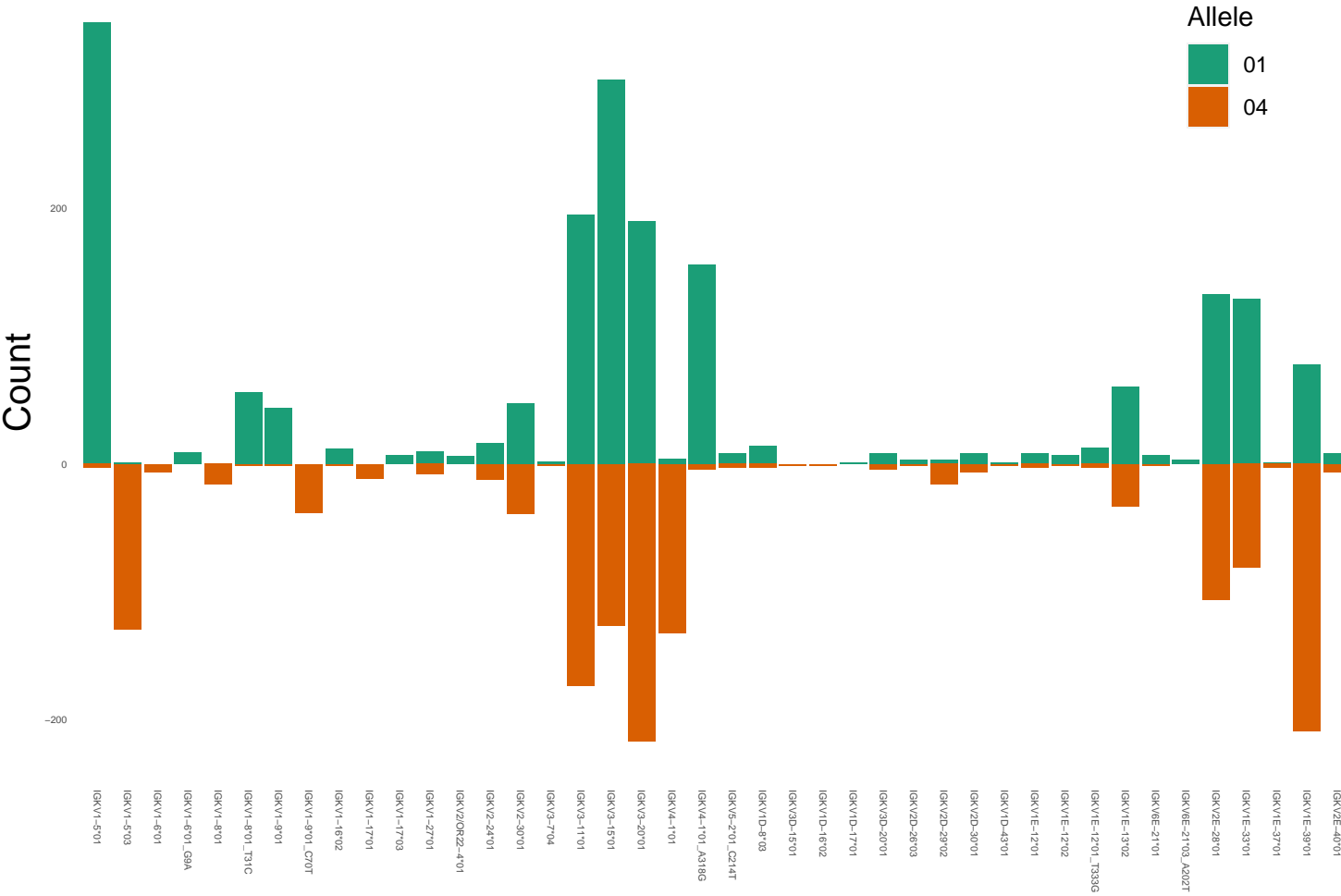
45 sequences assigned
41 (91.1%) exact matches, in which:
39 unique CDR3
6 unique J



Allele Usage



Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.