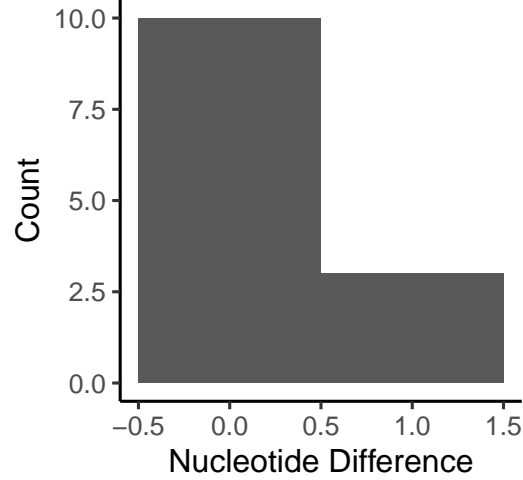


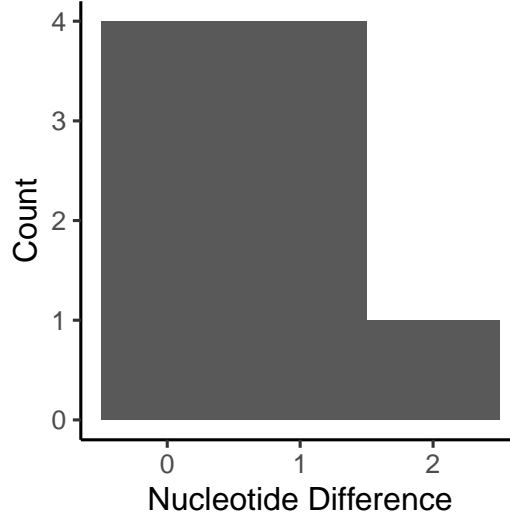
IGLV10-54*02

13 sequences assigned
10 (76.9%) exact matches, in which:
9 unique CDR3
4 unique J



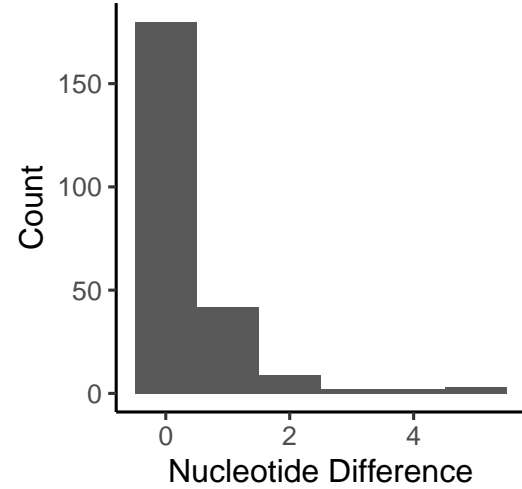
IGLV1-41*01

9 sequences assigned
4 (44.4%) exact matches, in which:
3 unique CDR3
2 unique J



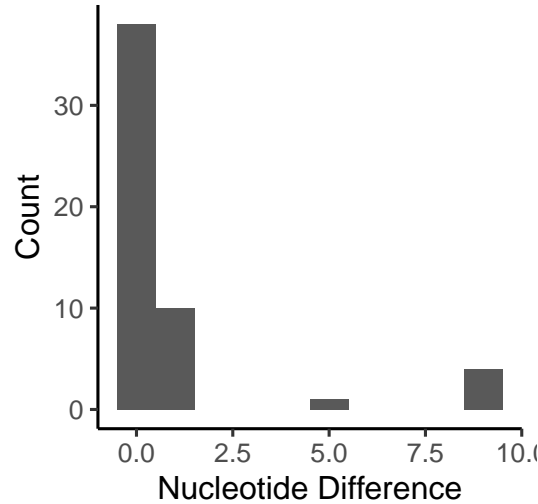
IGLV1-51*01

239 sequences assigned
180 (75.3%) exact matches, in which:
135 unique CDR3
4 unique J



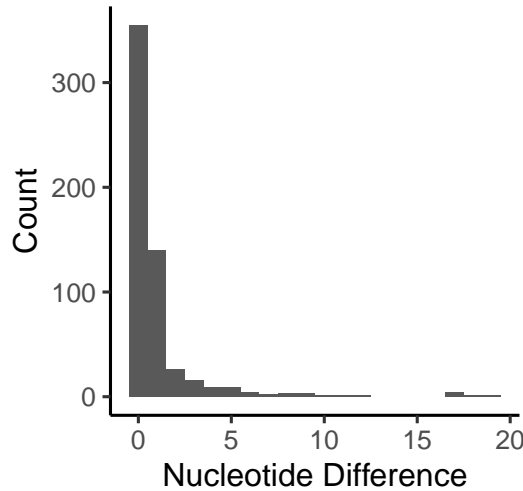
IGLV1-36*01

53 sequences assigned
38 (71.7%) exact matches, in which:
31 unique CDR3
3 unique J



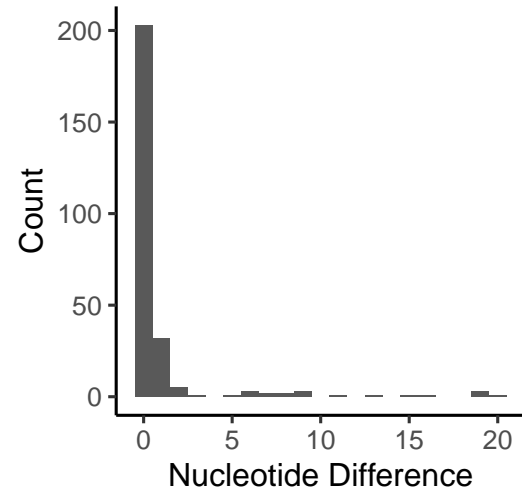
IGLV1-44*01

576 sequences assigned
355 (61.6%) exact matches, in which:
258 unique CDR3
4 unique J



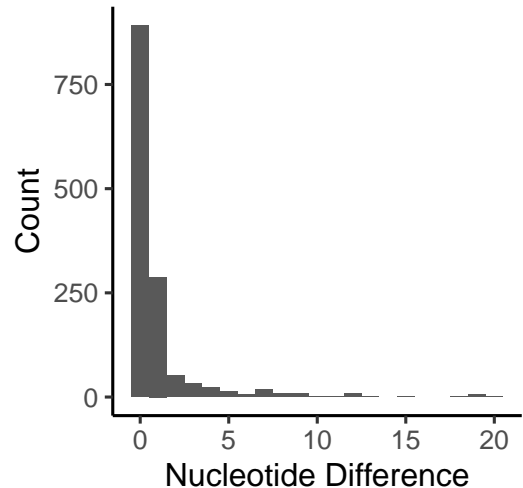
IGLV1-51*02

275 sequences assigned
203 (73.8%) exact matches, in which:
158 unique CDR3
3 unique J



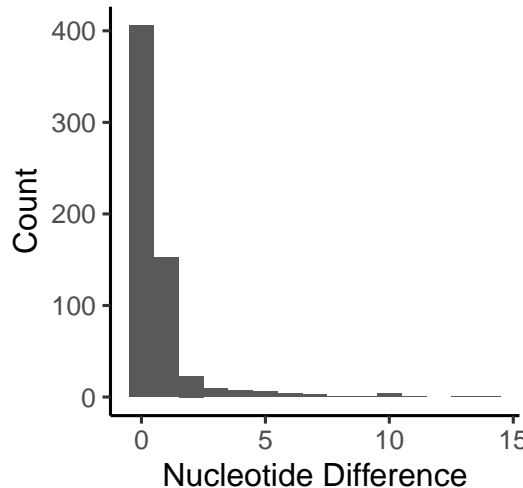
IGLV1-40*01

1364 sequences assigned
892 (65.4%) exact matches, in which:
657 unique CDR3
4 unique J



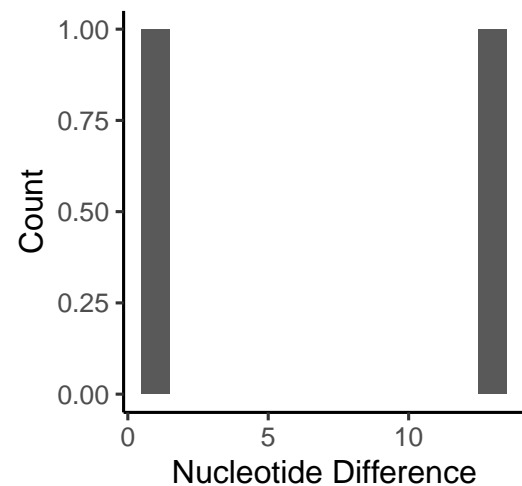
IGLV1-47*01

620 sequences assigned
406 (65.5%) exact matches, in which:
292 unique CDR3
4 unique J



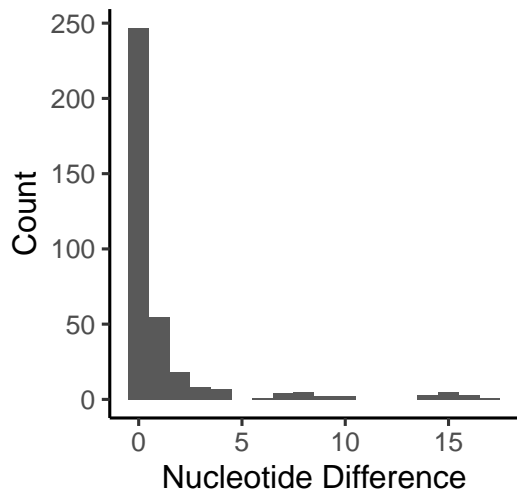
IGLV2-5*01

2 sequences assigned
No exact matches.



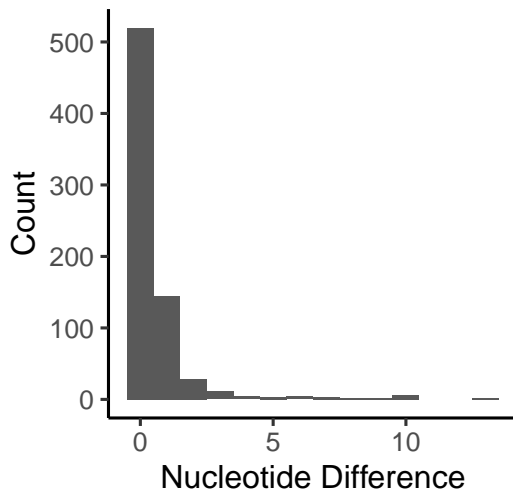
IGLV2-8*01

361 sequences assigned
247 (68.4%) exact matches, in which:
197 unique CDR3
4 unique J



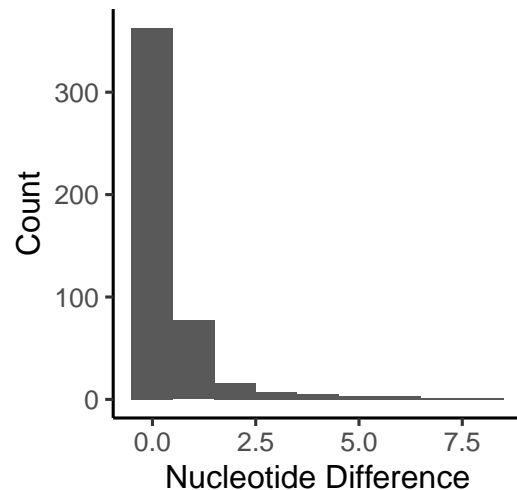
IGLV2-14*01

730 sequences assigned
520 (71.2%) exact matches, in which:
442 unique CDR3
3 unique J



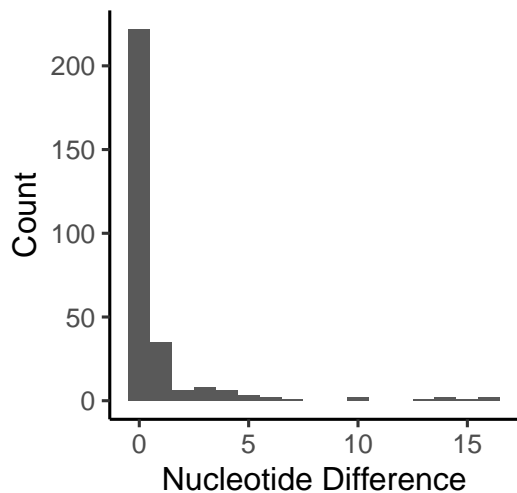
IGLV2-23*01

477 sequences assigned
363 (76.1%) exact matches, in which:
308 unique CDR3
3 unique J



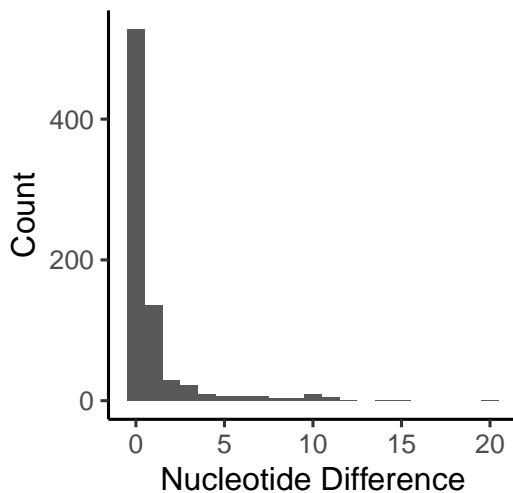
IGLV2-11*01

291 sequences assigned
222 (76.3%) exact matches, in which:
188 unique CDR3
3 unique J



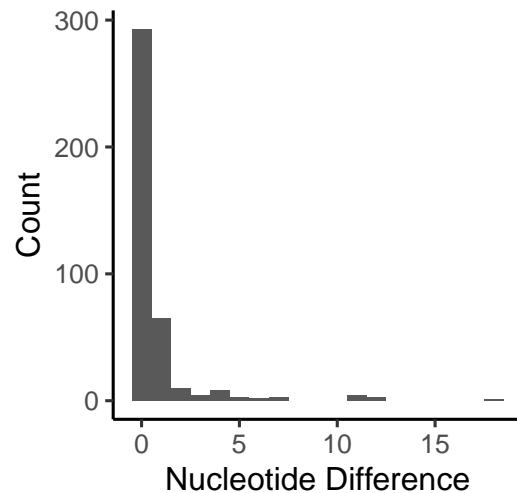
IGLV2-14*04EXT3

773 sequences assigned
528 (68.3%) exact matches, in which:
425 unique CDR3
4 unique J



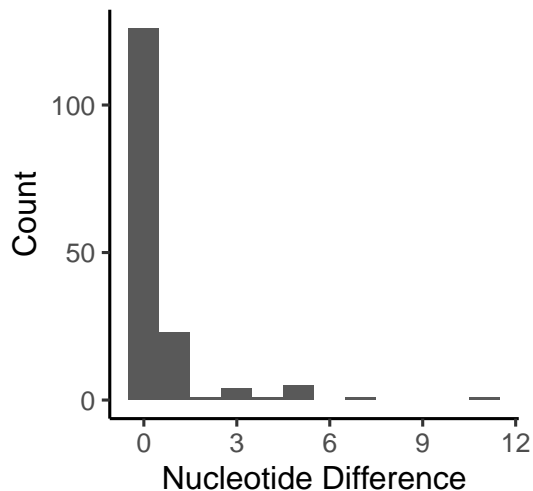
IGLV2-23*01_G170T

396 sequences assigned
293 (74%) exact matches, in which:
257 unique CDR3
4 unique J



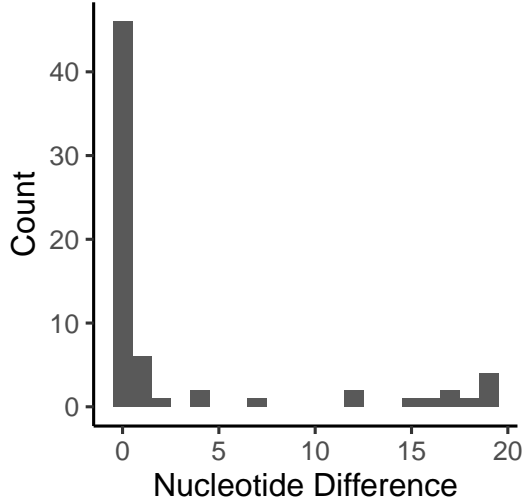
IGLV2-11*01_T313A

162 sequences assigned
126 (77.8%) exact matches, in which:
100 unique CDR3
3 unique J



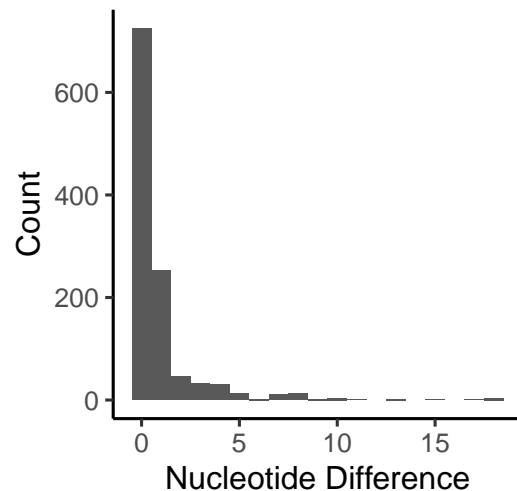
IGLV2-18*02

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



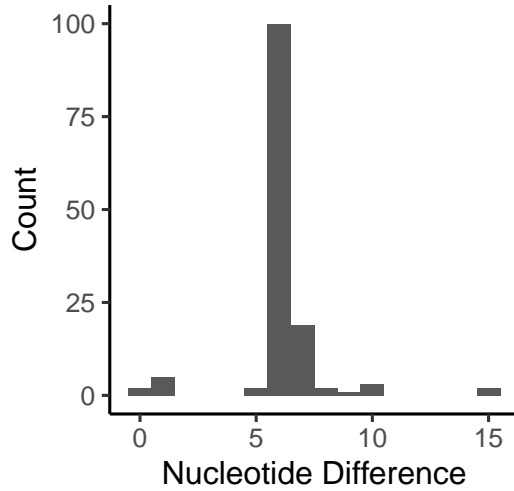
IGLV3-1*01

1153 sequences assigned
725 (62.9%) exact matches, in which:
523 unique CDR3
4 unique J



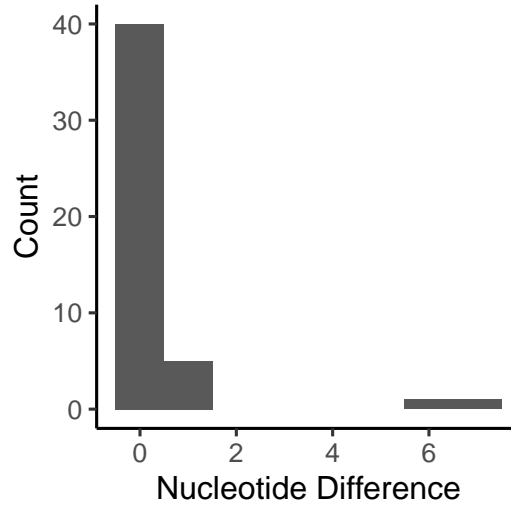
IGLV3-9*02

136 sequences assigned
2 (1.5%) exact matches, in which:
2 unique CDR3
1 unique J



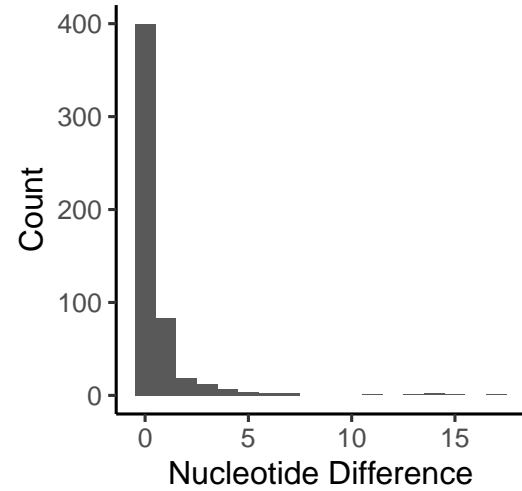
IGLV3-16*01

47 sequences assigned
40 (85.1%) exact matches, in which:
37 unique CDR3
3 unique J



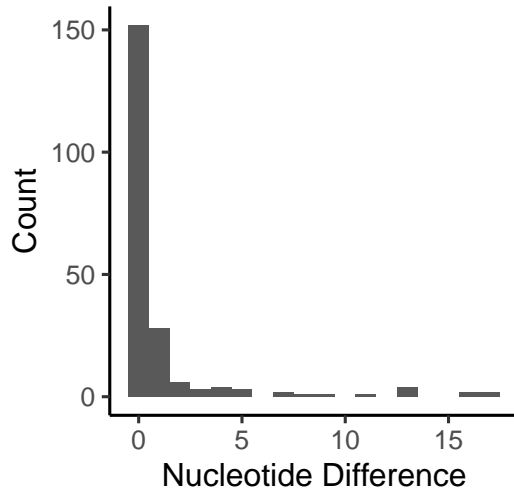
IGLV3-21*03

553 sequences assigned
400 (72.3%) exact matches, in which:
304 unique CDR3
5 unique J



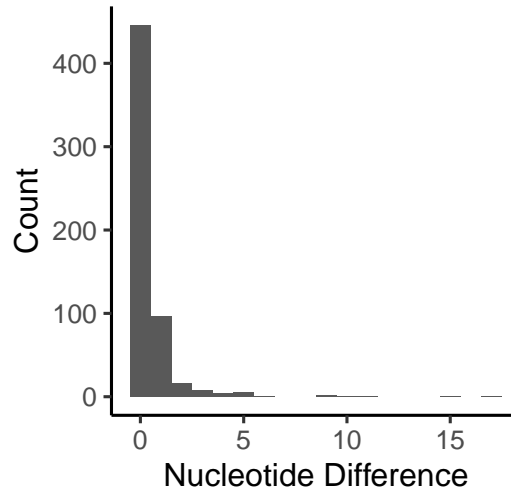
IGLV3-10*01

209 sequences assigned
152 (72.7%) exact matches, in which:
120 unique CDR3
6 unique J



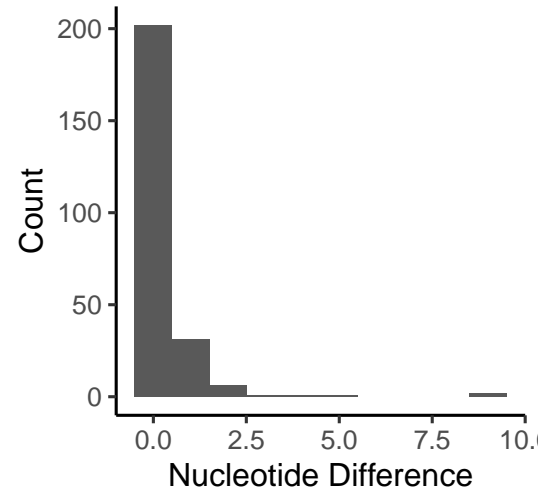
IGLV3-19*01

582 sequences assigned
446 (76.6%) exact matches, in which:
327 unique CDR3
4 unique J



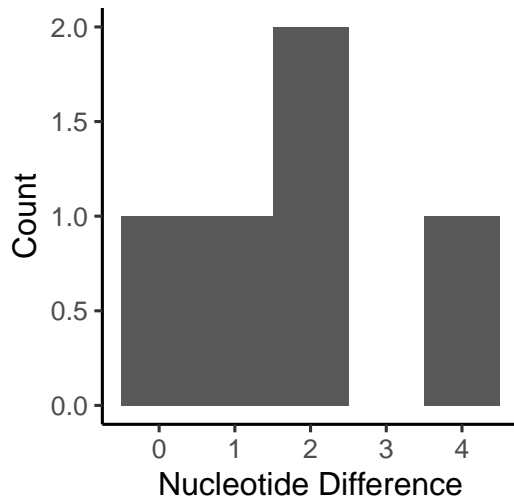
IGLV3-21*04

245 sequences assigned
202 (82.4%) exact matches, in which:
157 unique CDR3
4 unique J



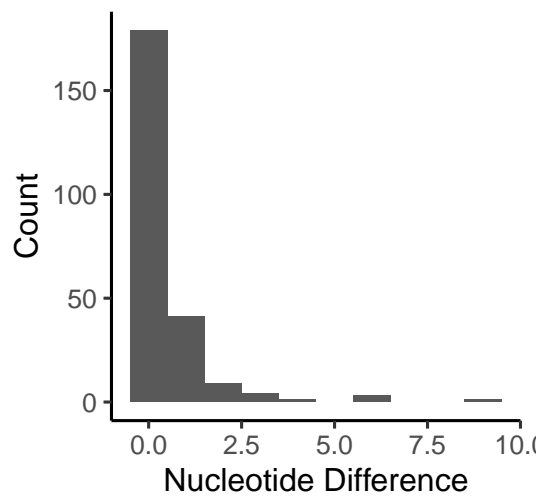
IGLV3-12*02

5 sequences assigned
1 (20%) exact matches, in which:
1 unique CDR3
1 unique J



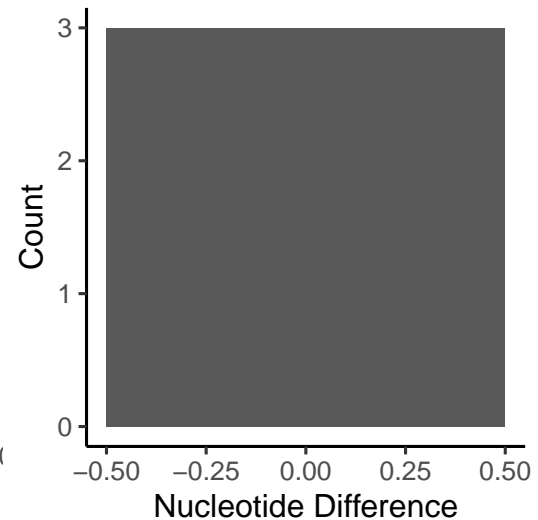
IGLV3-19*02

238 sequences assigned
179 (75.2%) exact matches, in which:
143 unique CDR3
3 unique J



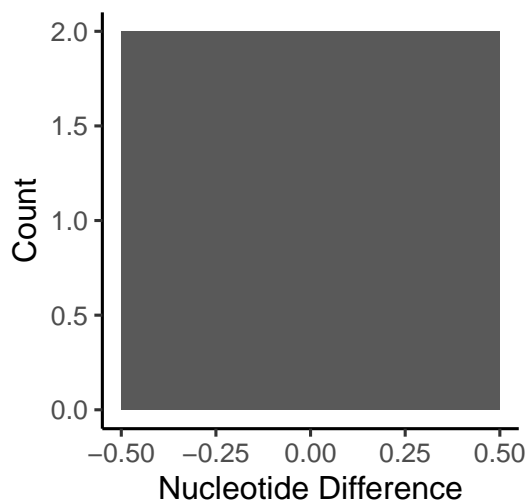
IGLV3-22*01

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



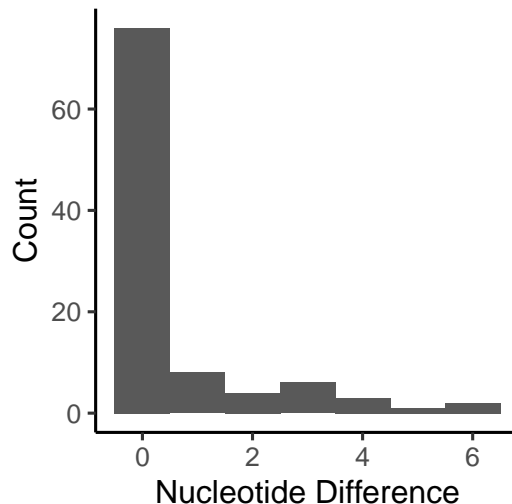
IGLV3-22*03

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



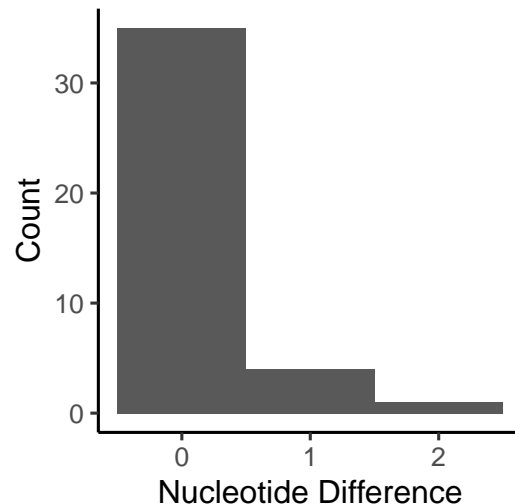
IGLV3-27*01

102 sequences assigned
76 (74.5%) exact matches, in which:
68 unique CDR3
3 unique J



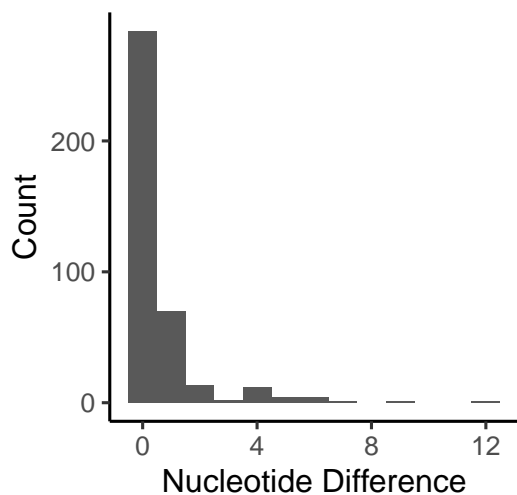
IGLV4-60*02_T287C

40 sequences assigned
35 (87.5%) exact matches, in which:
28 unique CDR3
3 unique J



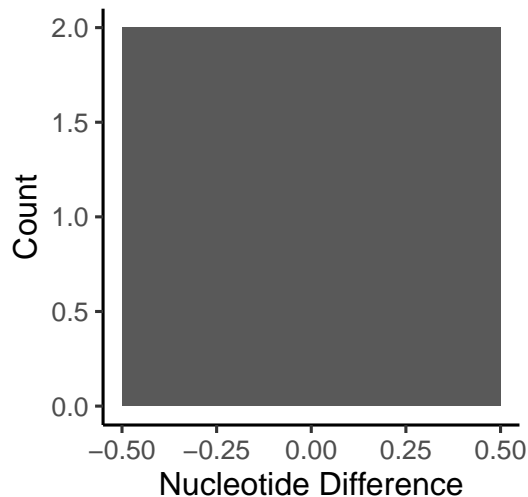
IGLV3-25*03

392 sequences assigned
284 (72.4%) exact matches, in which:
246 unique CDR3
4 unique J



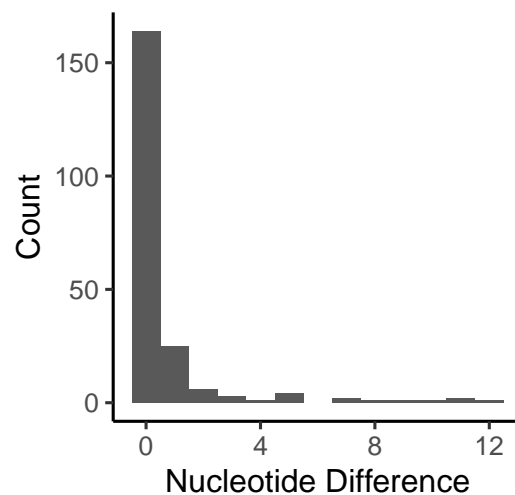
IGLV4-3*01

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



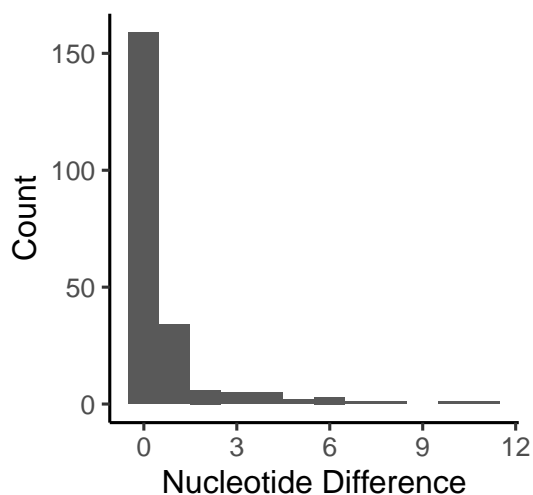
IGLV4-69*01

216 sequences assigned
164 (75.9%) exact matches, in which:
125 unique CDR3
4 unique J



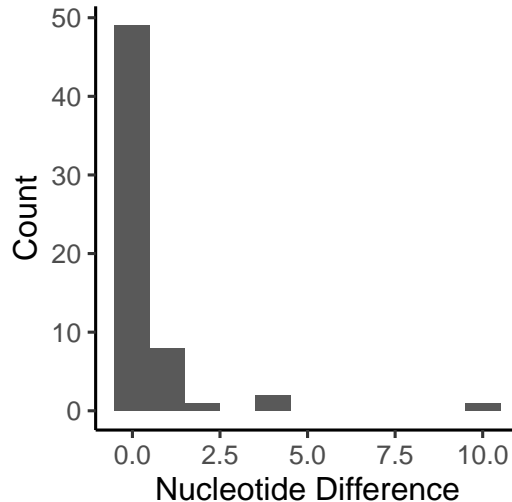
IGLV3-25*03_G74C

219 sequences assigned
159 (72.6%) exact matches, in which:
137 unique CDR3
3 unique J



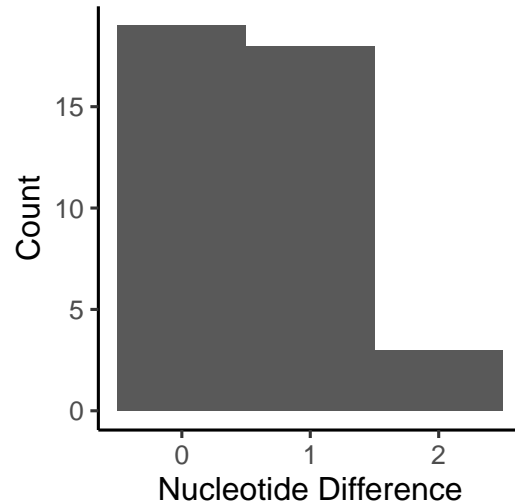
IGLV4-60*02

61 sequences assigned
49 (80.3%) exact matches, in which:
42 unique CDR3
4 unique J



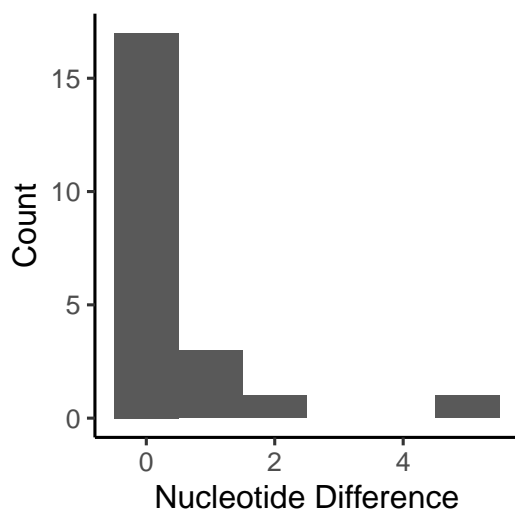
IGLV5-37*01

40 sequences assigned
19 (47.5%) exact matches, in which:
17 unique CDR3
3 unique J



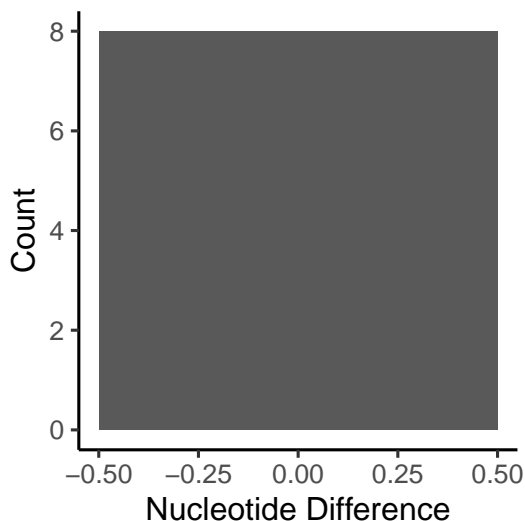
IGLV5-39*01

22 sequences assigned
17 (77.3%) exact matches, in which:
13 unique CDR3
2 unique J



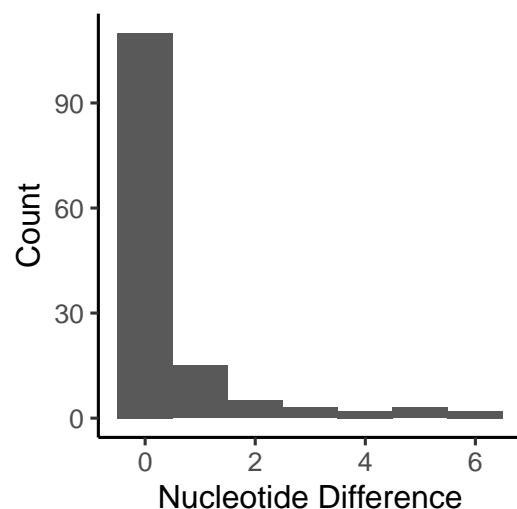
IGLV5-52*01

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



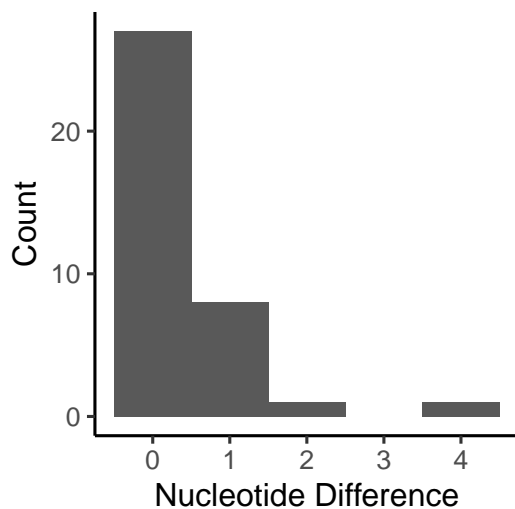
IGLV7-43*01

140 sequences assigned
110 (78.6%) exact matches, in which:
93 unique CDR3
4 unique J



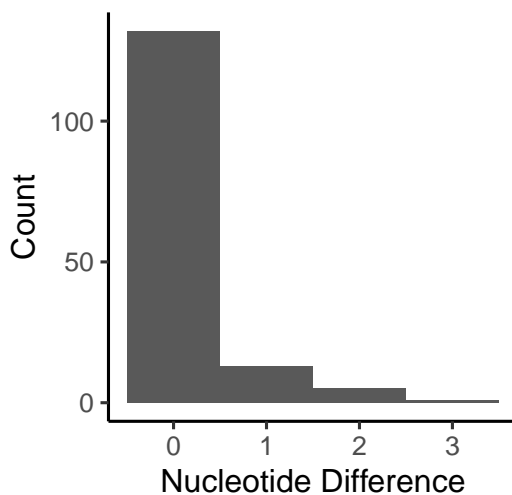
IGLV5-45*01

37 sequences assigned
27 (73%) exact matches, in which:
21 unique CDR3
3 unique J



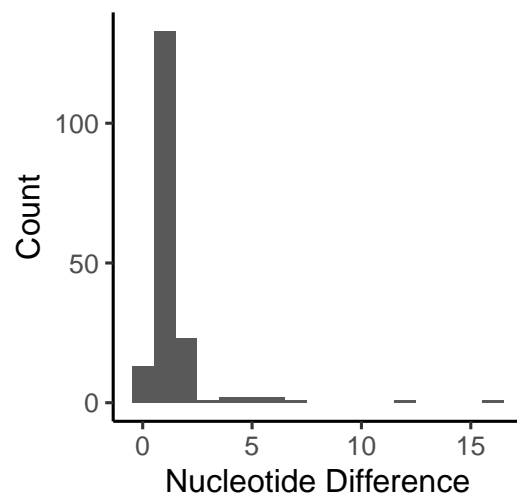
IGLV6-57*01

151 sequences assigned
132 (87.4%) exact matches, in which:
112 unique CDR3
5 unique J



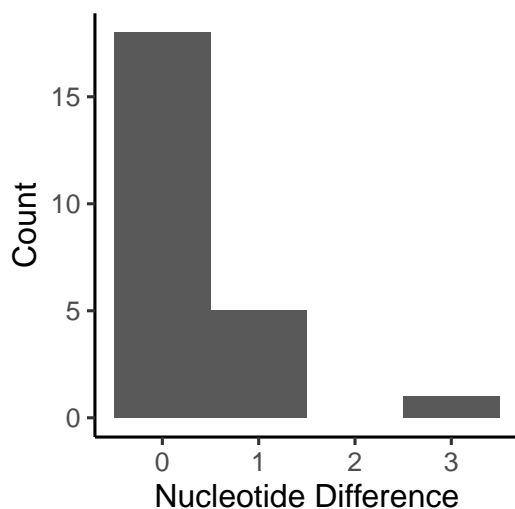
IGLV7-46*01

179 sequences assigned
13 (7.3%) exact matches, in which:
13 unique CDR3
2 unique J



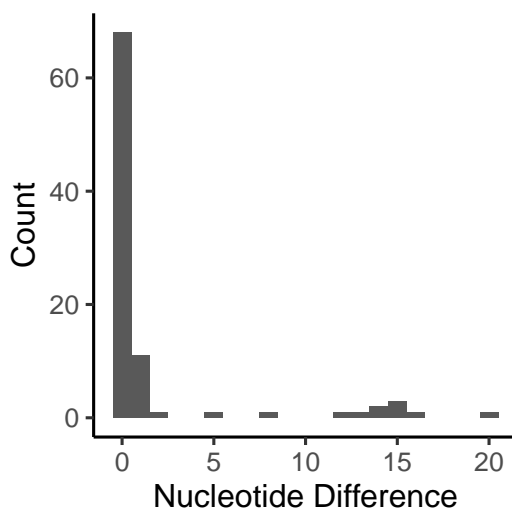
IGLV5-45*02

24 sequences assigned
18 (75%) exact matches, in which:
12 unique CDR3
4 unique J



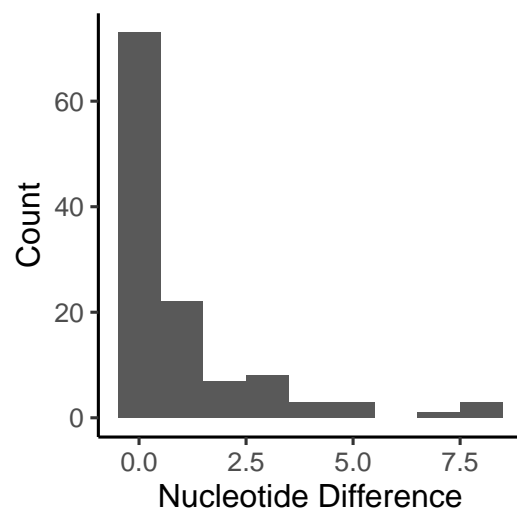
IGLV6-57*03

92 sequences assigned
68 (73.9%) exact matches, in which:
56 unique CDR3
5 unique J



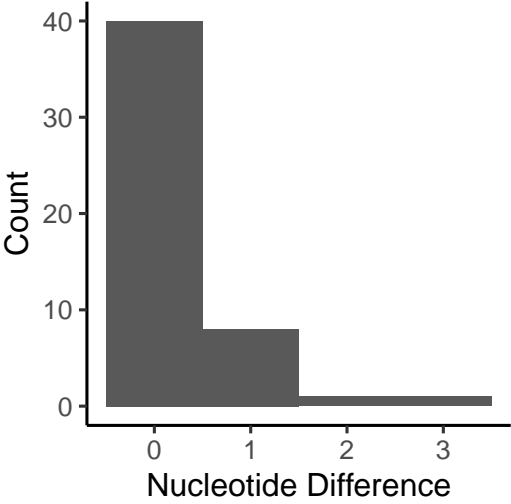
IGLV8-61*01

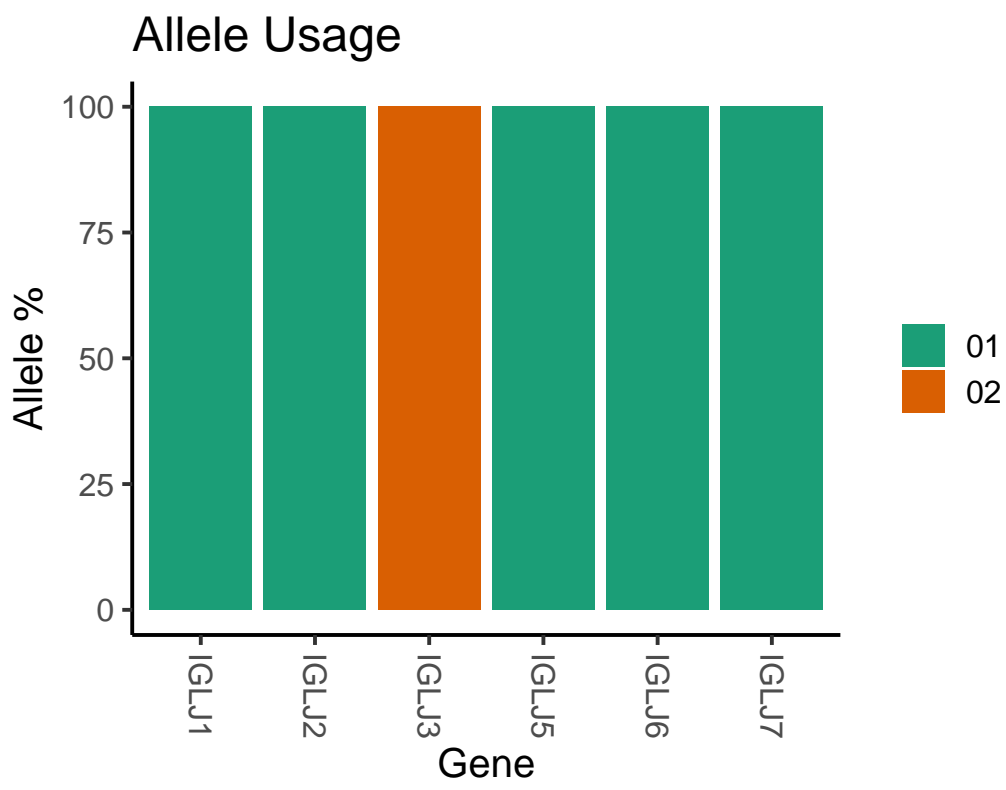
121 sequences assigned
73 (60.3%) exact matches, in which:
49 unique CDR3
4 unique J



IGLV9-49*01

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





Warning – no inferred sequences found.