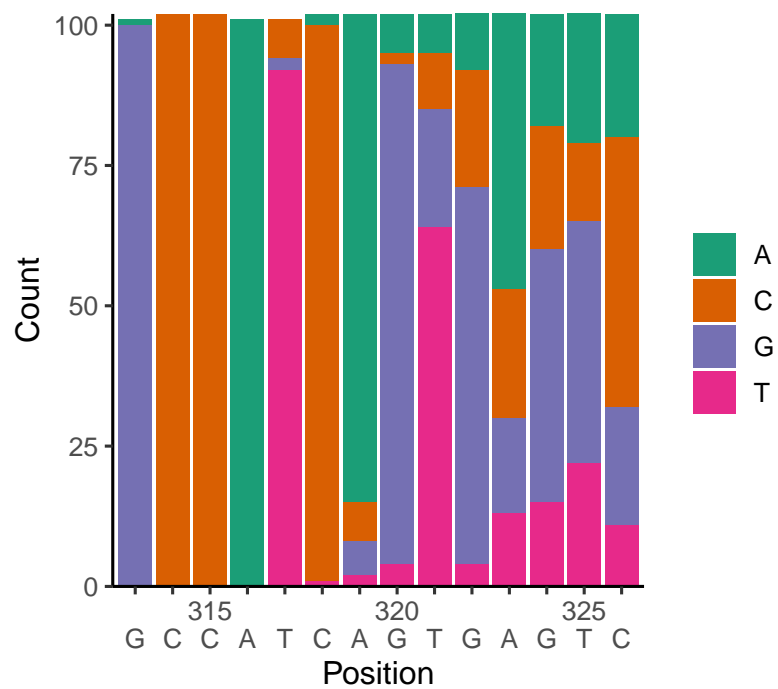
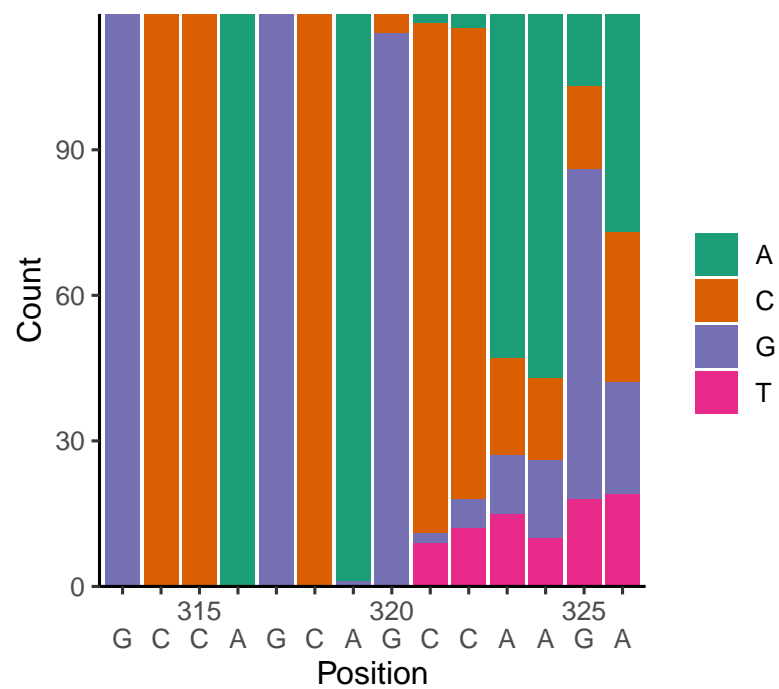


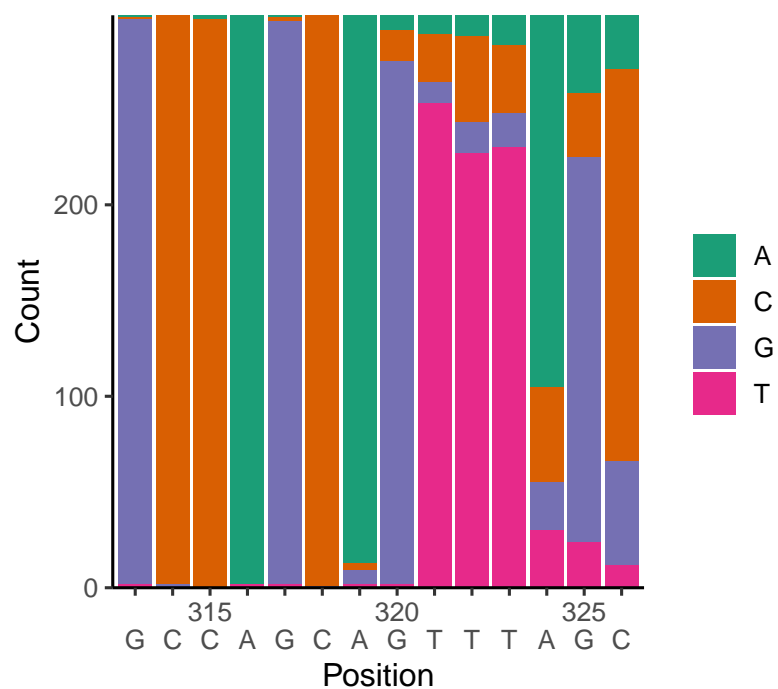
Gene TRBV10-3*03_313GCCATCAGTG/



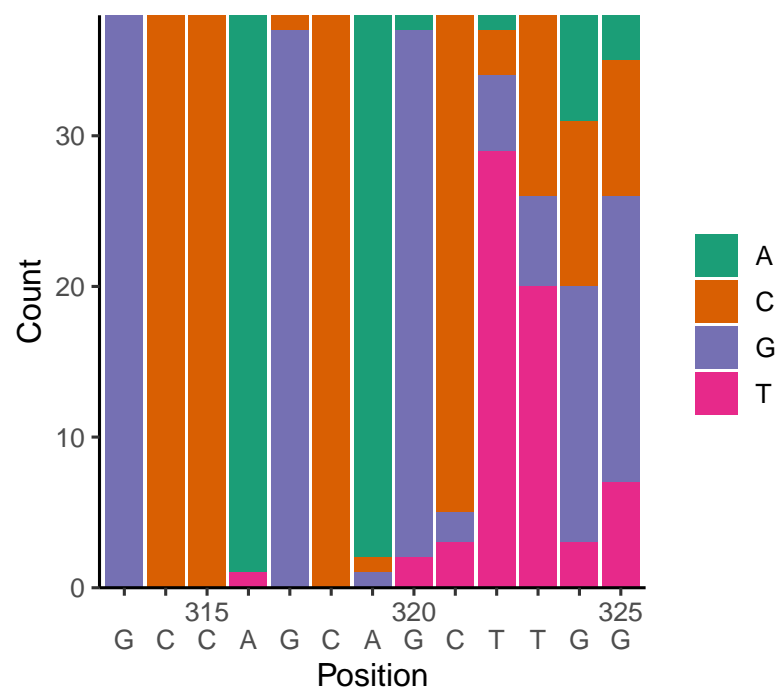
Gene TRBV14*02_322CAAGA326



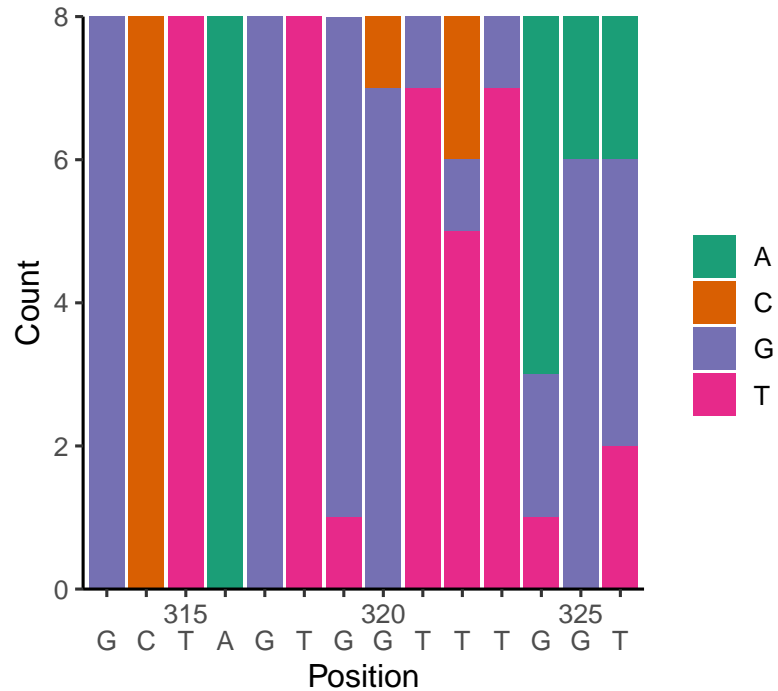
Gene TRBV12-4*01_C87T



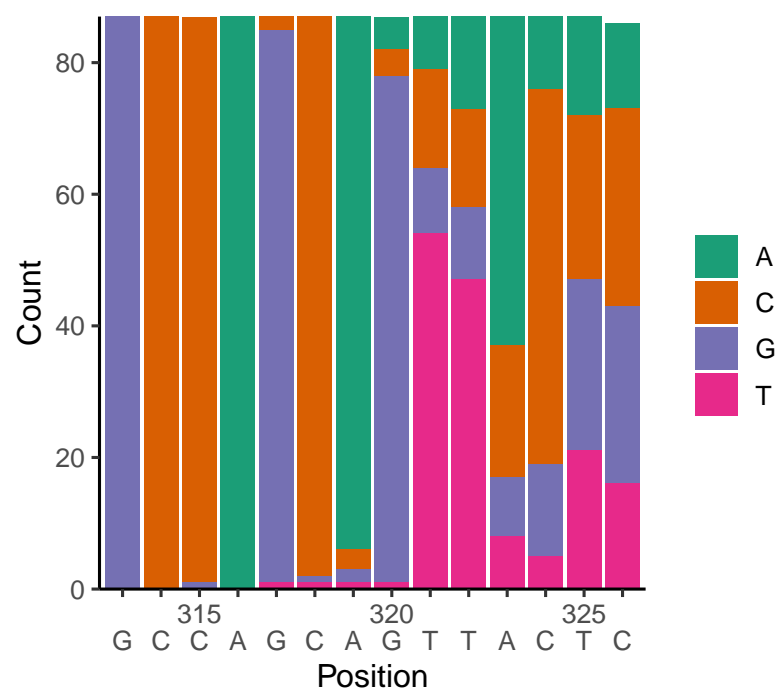
Gene TRBV5-5*02_322TTGG325



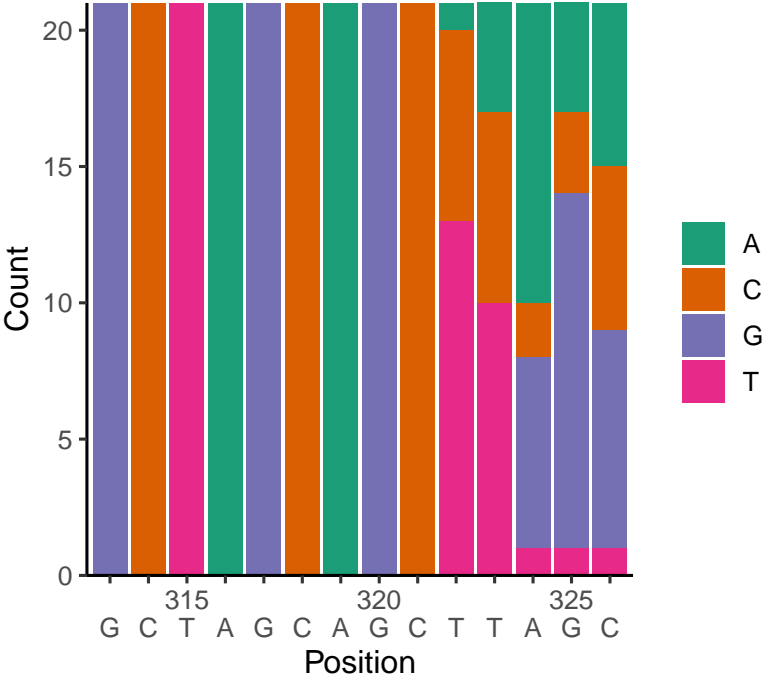
Gene TRBV12-5*01_C28G



Gene TRBV6-6*01_G264A



Gene TRBV7-7*01_C315T



Gene TRBV10-3*03_313GCCATCAGTGAGTC326



Gene TRBV12-4*01_C87T



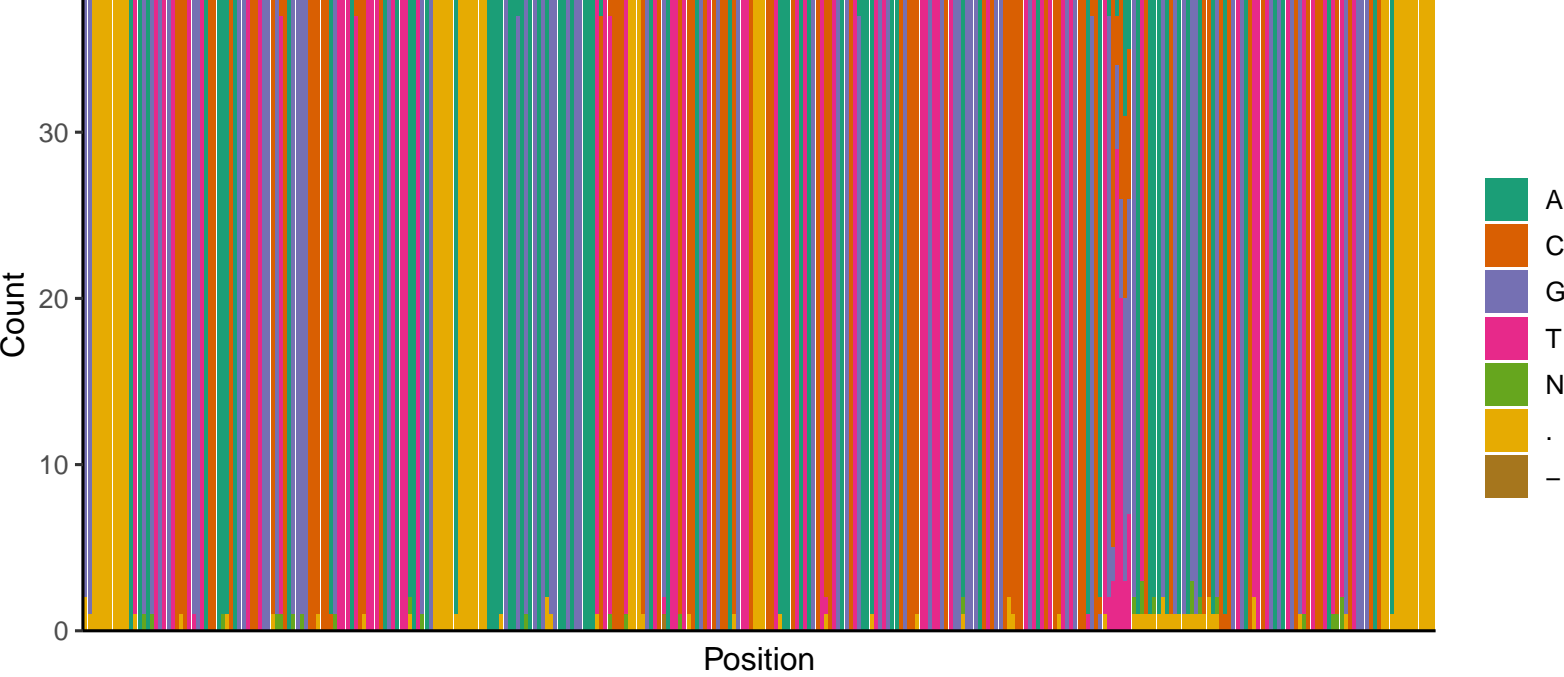
Gene TRBV12-5*01_C28G



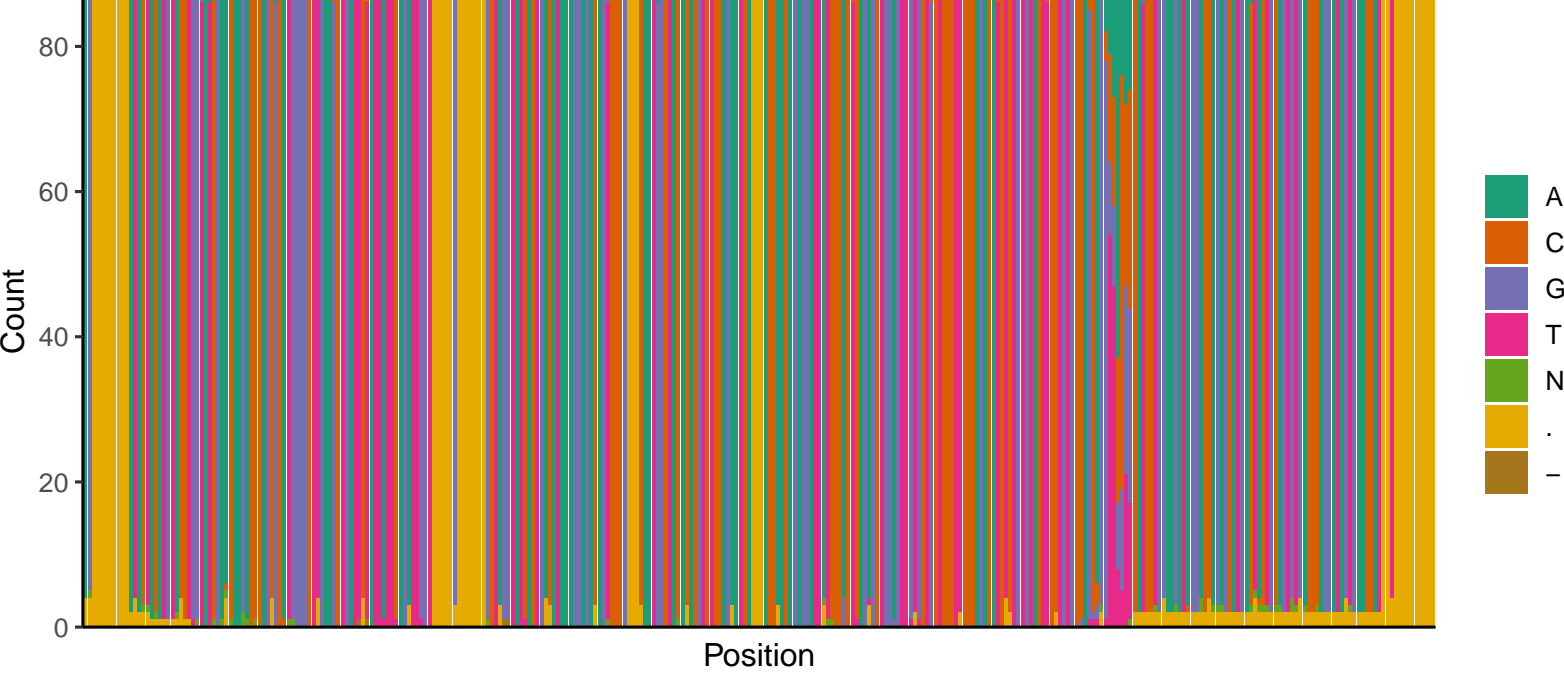
Gene TRBV14*02_322CAAGA326



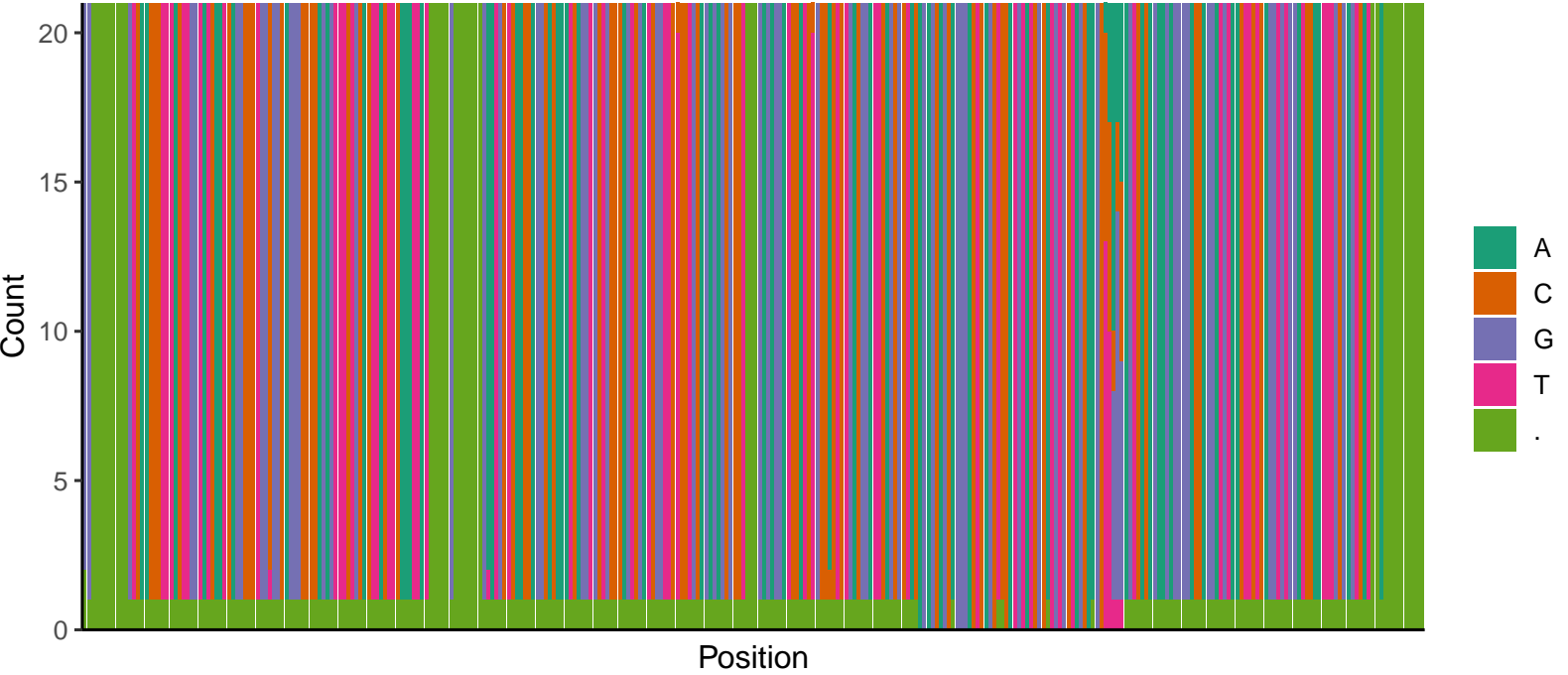
Gene TRBV5-5*02_322TTGG325



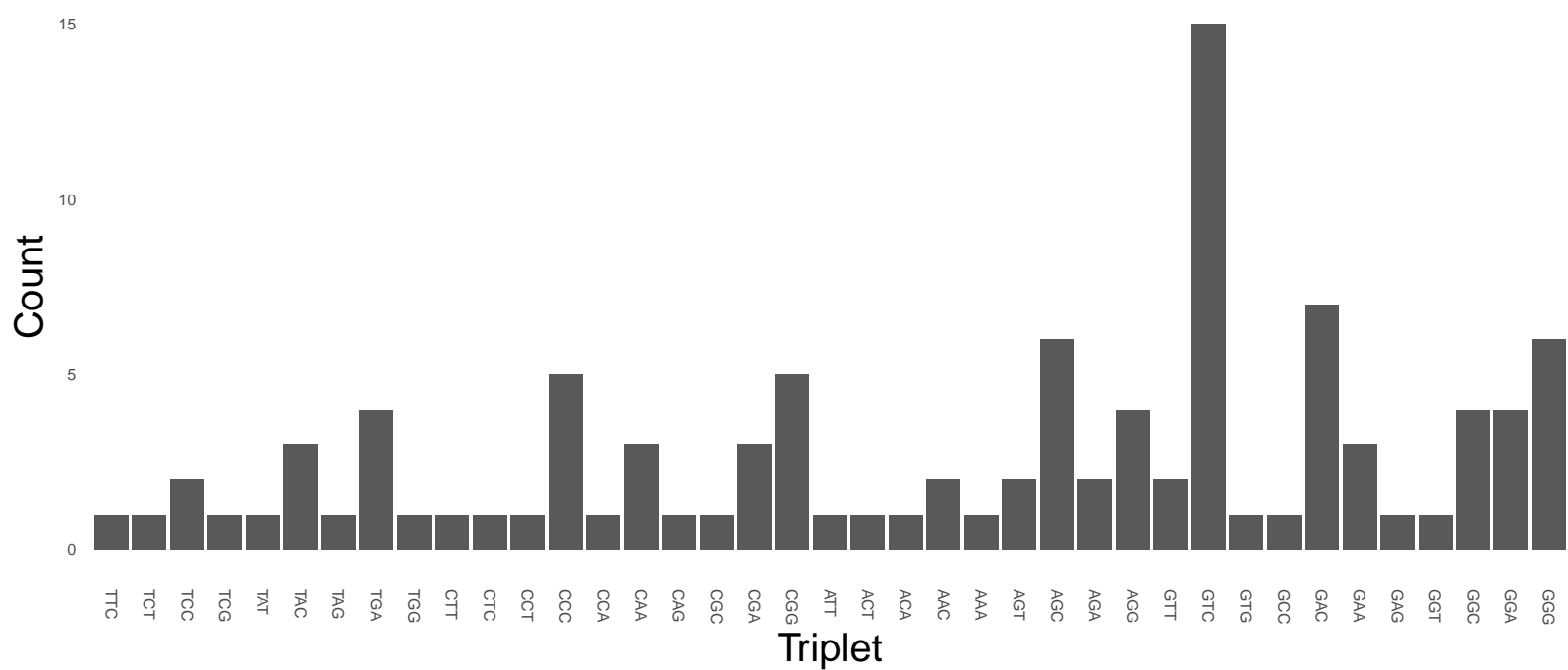
Gene TRBV6-6*01_G264A



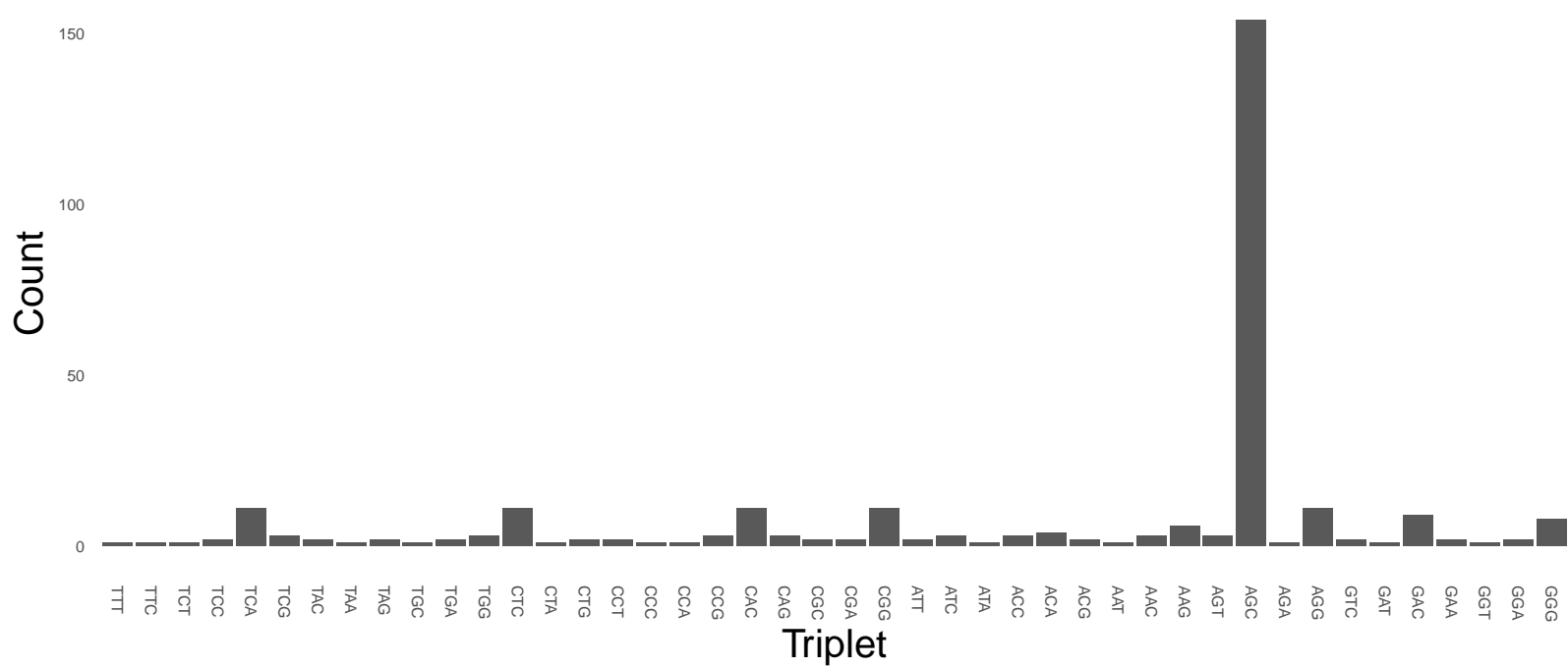
Gene TRBV7-7*01_C315T



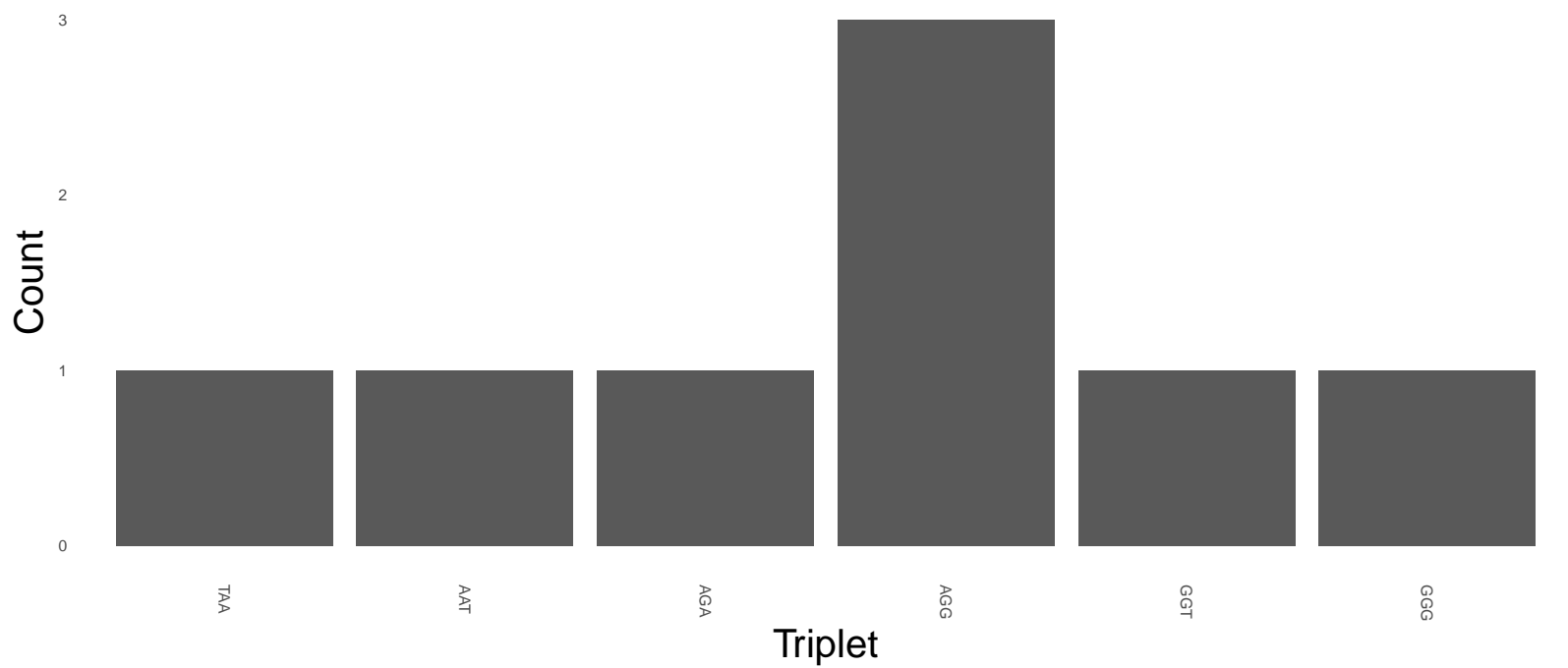
TRBV10–3*03_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



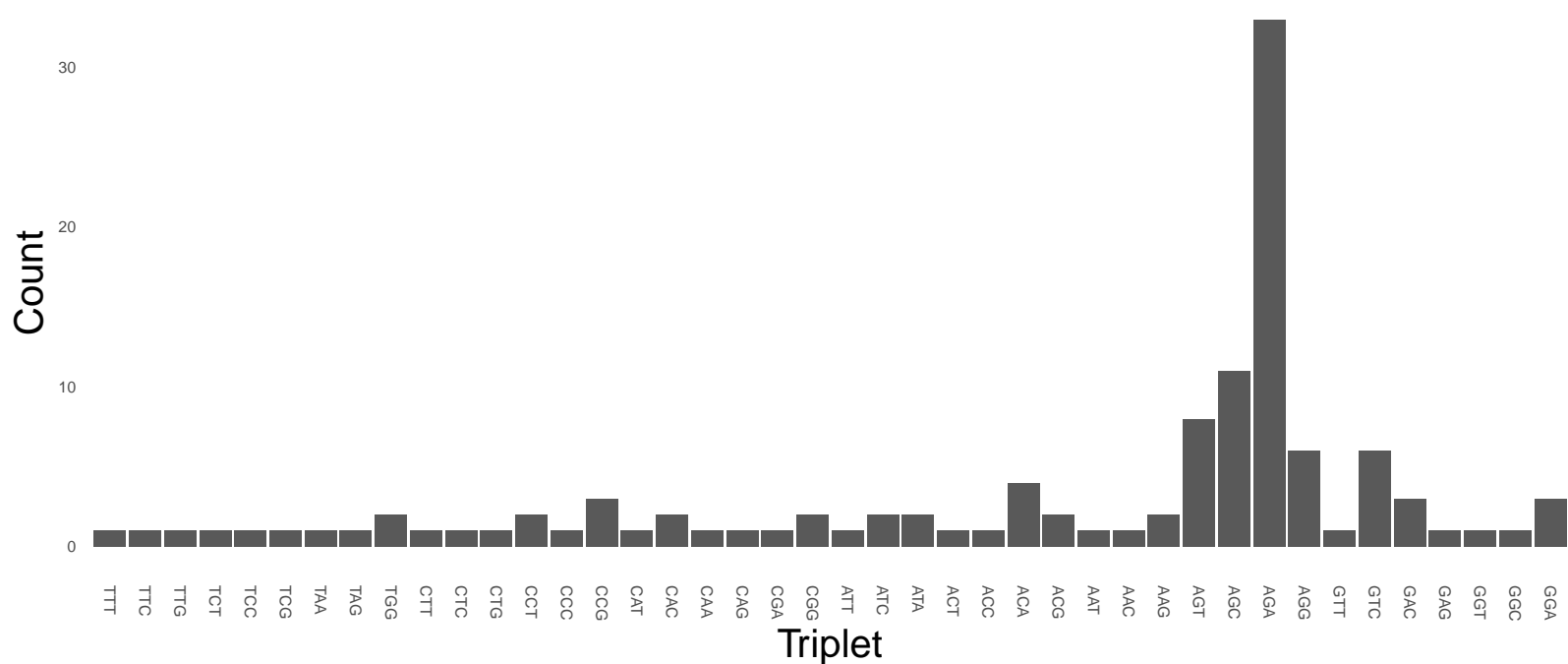
TRBV12–4*01_C87T– Final 3 nucleotides as a triplet



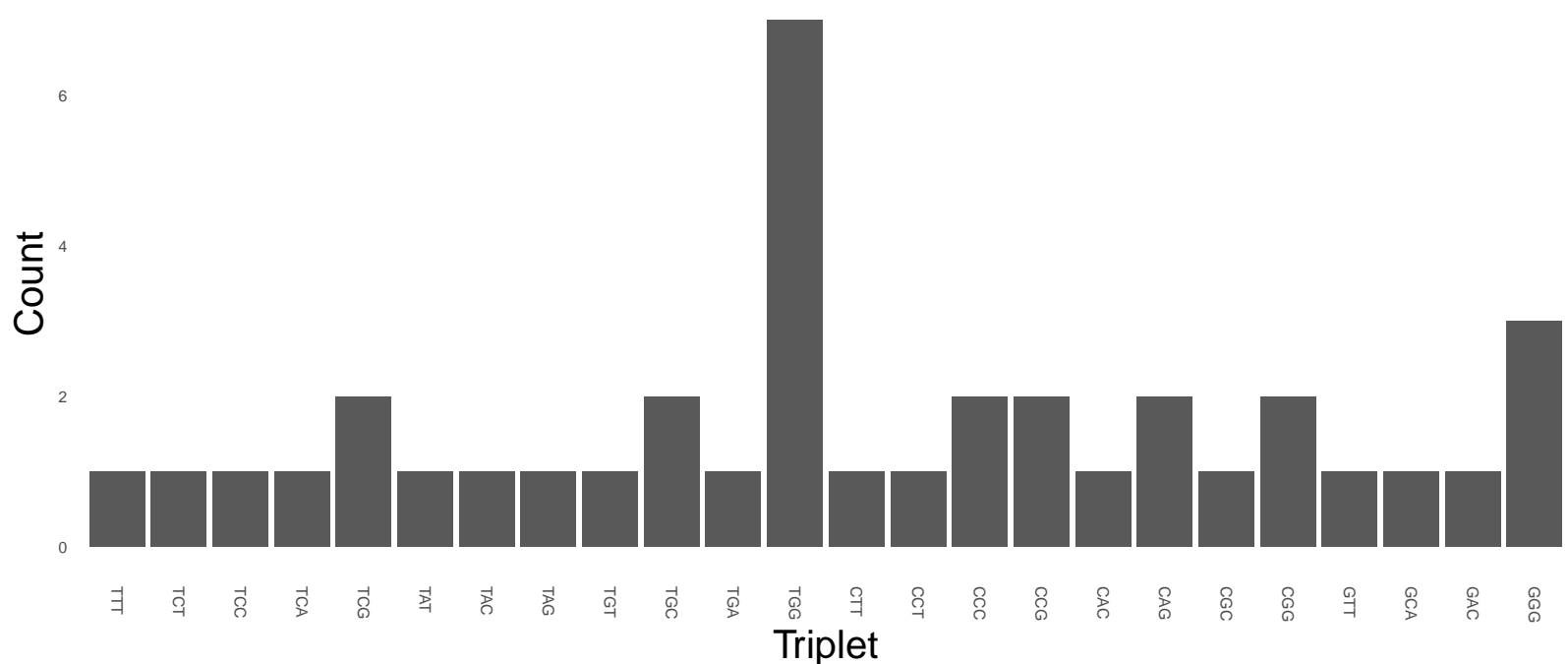
TRBV12–5*01_C28G– Final 3 nucleotides as a triplet



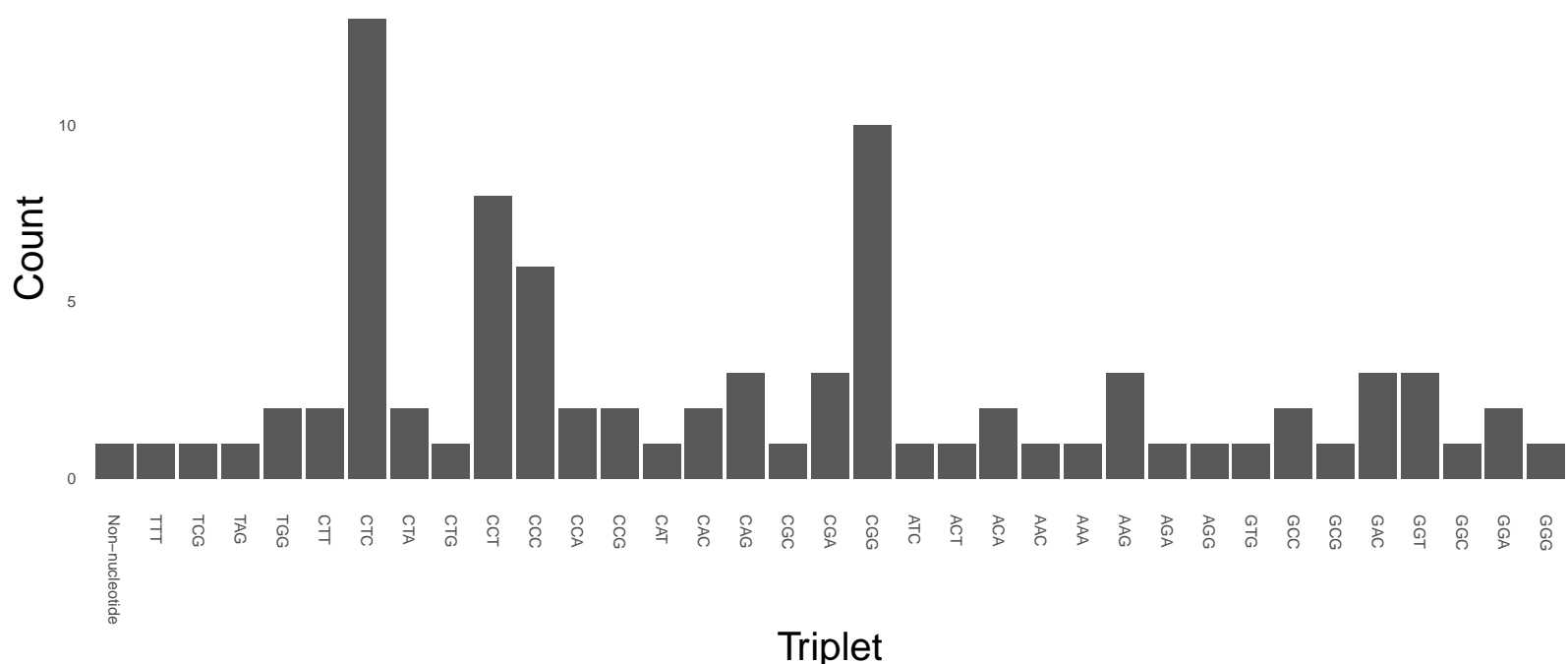
TRBV14*02_322CAAGA326– Final 3 nucleotides as a triplet



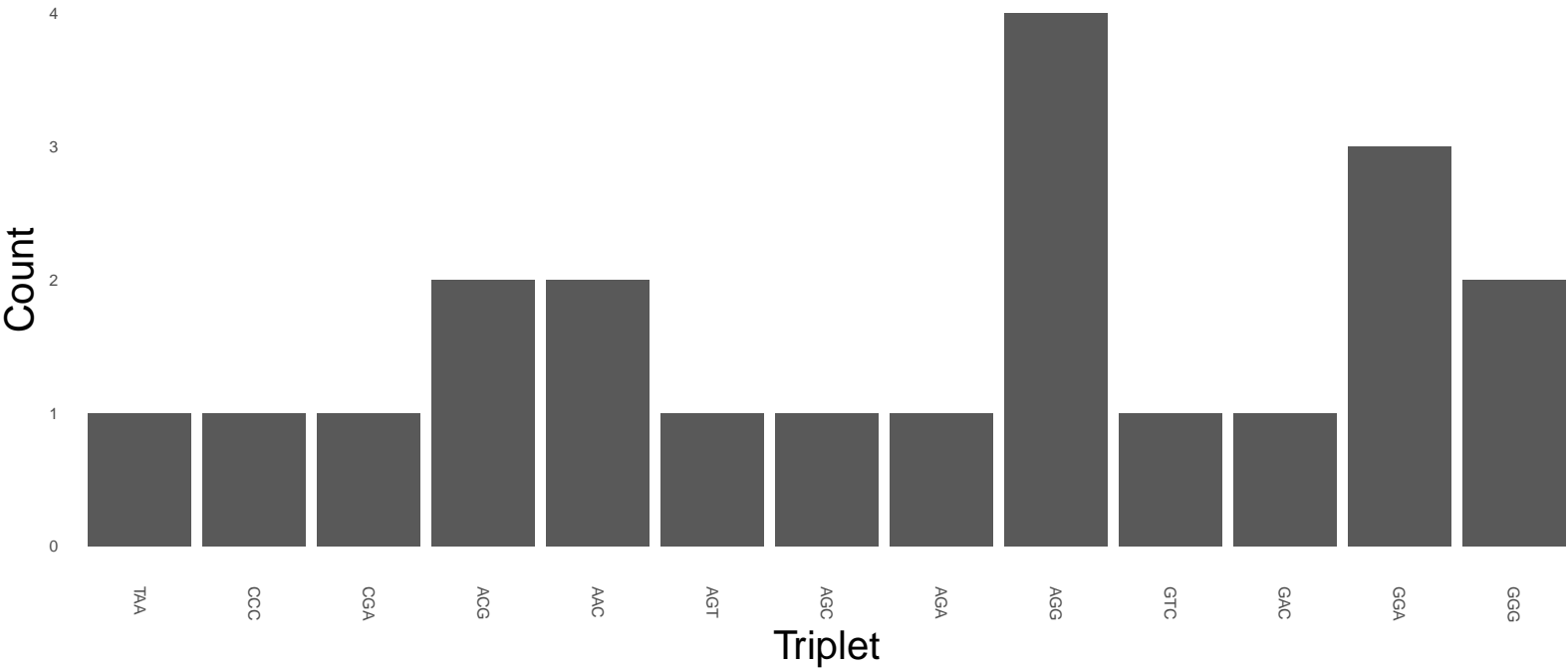
TRBV5–5*02_322TTGG325– Final 3 nucleotides as a triplet



TRBV6–6*01_G264A– Final 3 nucleotides as a triplet

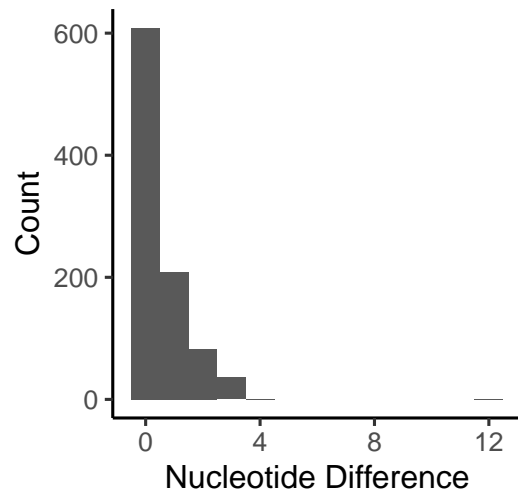


TRBV7-7*01_C315T- Final 3 nucleotides as a triplet



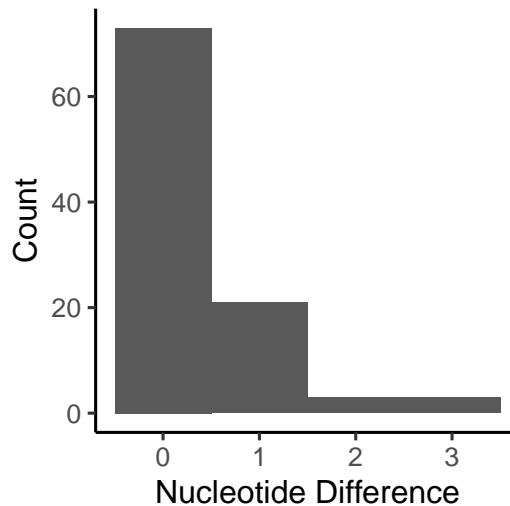
TRBV20–1*01

938 sequences assigned
609 (64.9%) exact matches, in which:
580 unique CDR3
13 unique J



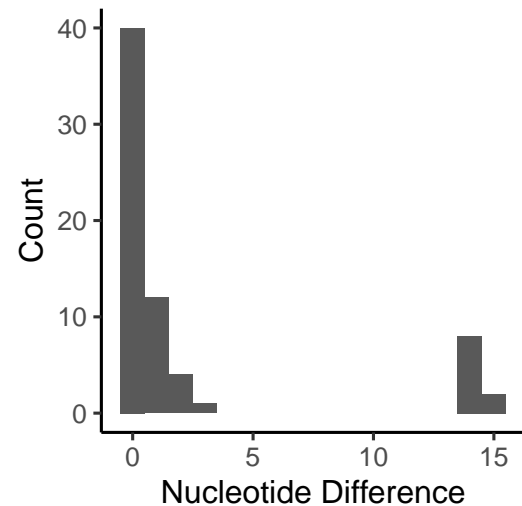
TRBV10–3*02

100 sequences assigned
73 (73%) exact matches, in which:
73 unique CDR3
12 unique J



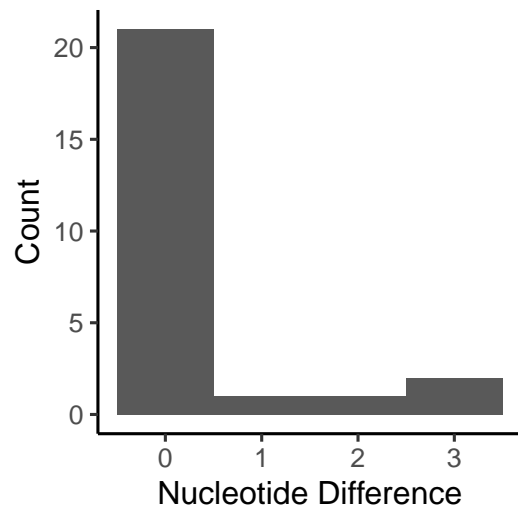
TRBV13*01

67 sequences assigned
40 (59.7%) exact matches, in which:
40 unique CDR3
13 unique J



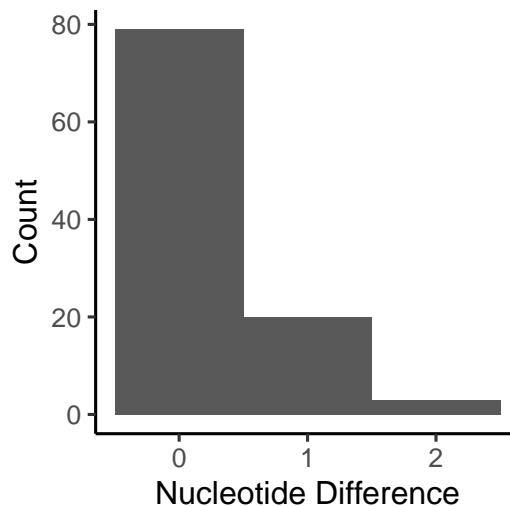
TRBV10–1*01

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



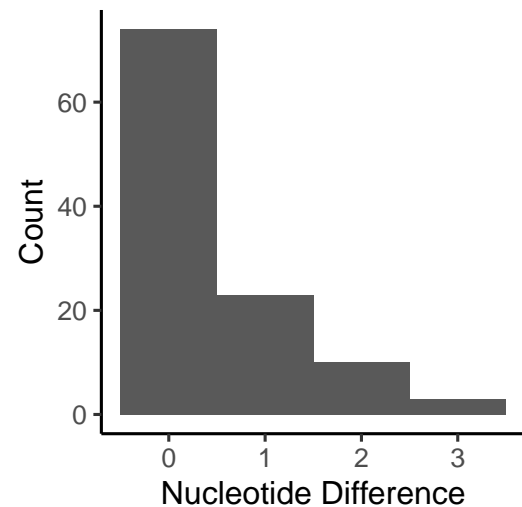
TRBV10–3*03_313GCCA1

102 sequences assigned
79 (77.5%) exact matches, in which:
79 unique CDR3
12 unique J



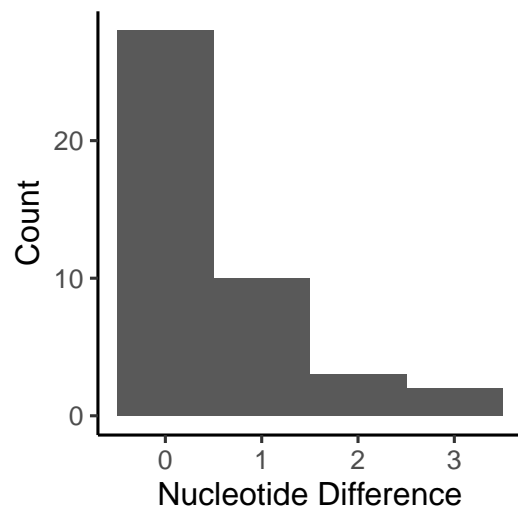
TRBV14*01

111 sequences assigned
74 (66.7%) exact matches, in which:
66 unique CDR3
12 unique J



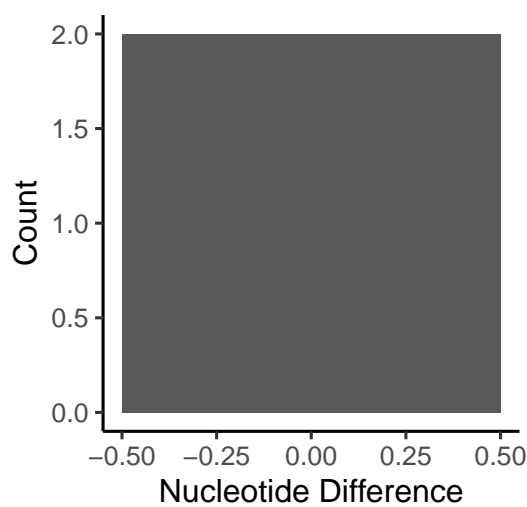
TRBV10–2*01

43 sequences assigned
28 (65.1%) exact matches, in which:
23 unique CDR3
9 unique J



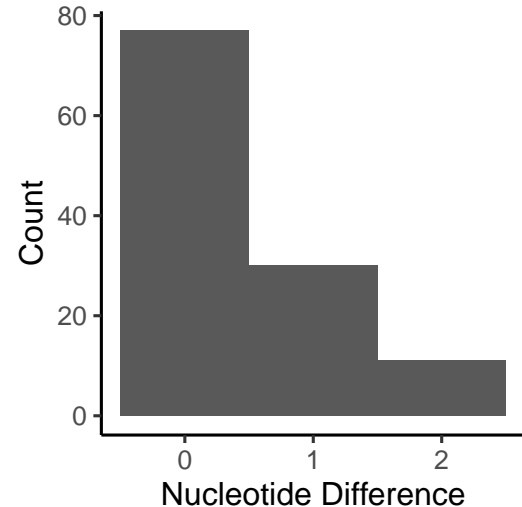
TRBV1*01

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



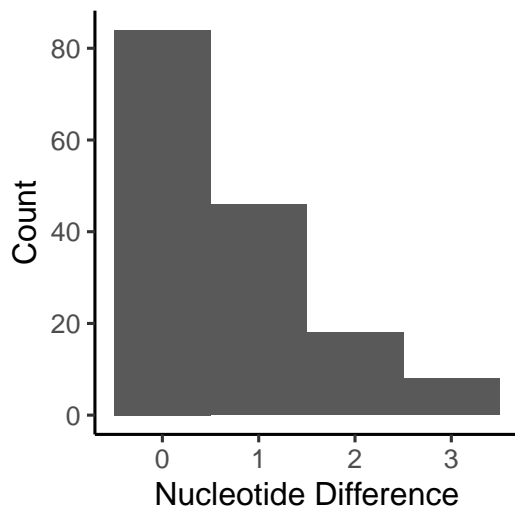
TRBV14*02_322CAAGA32

118 sequences assigned
77 (65.3%) exact matches, in which:
71 unique CDR3
13 unique J



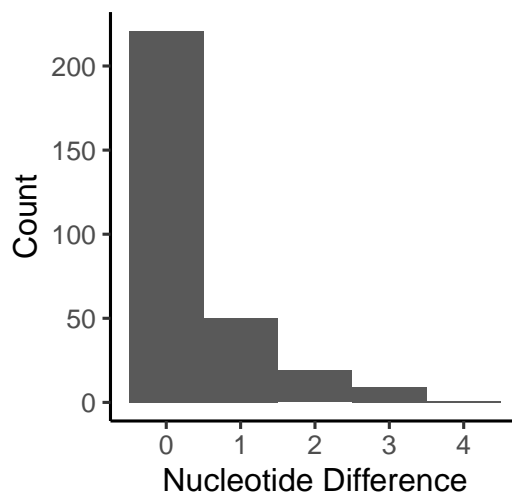
TRBV15*02

158 sequences assigned
84 (53.2%) exact matches, in which:
75 unique CDR3
13 unique J



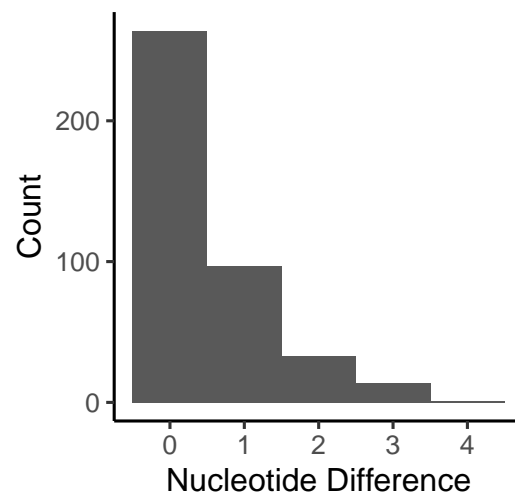
TRBV19*01

300 sequences assigned
221 (73.7%) exact matches, in which:
213 unique CDR3
12 unique J



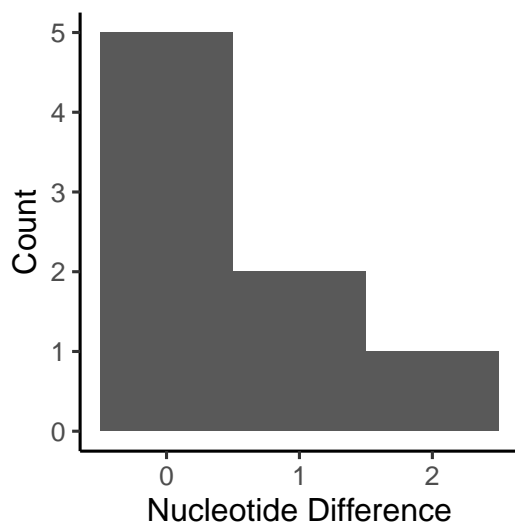
TRBV28*01

409 sequences assigned
264 (64.5%) exact matches, in which:
259 unique CDR3
13 unique J



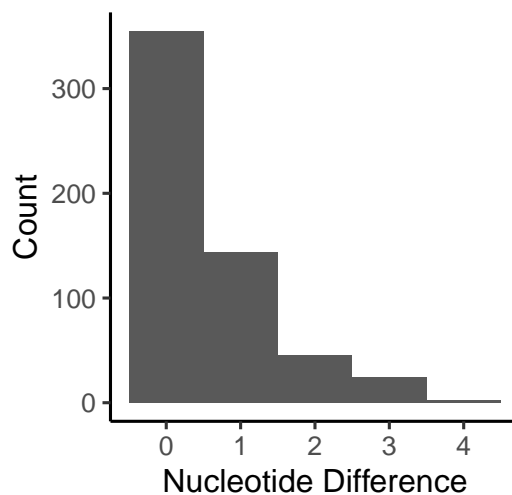
TRBV16*01

8 sequences assigned
5 (62.5%) exact matches, in which:
5 unique CDR3
5 unique J



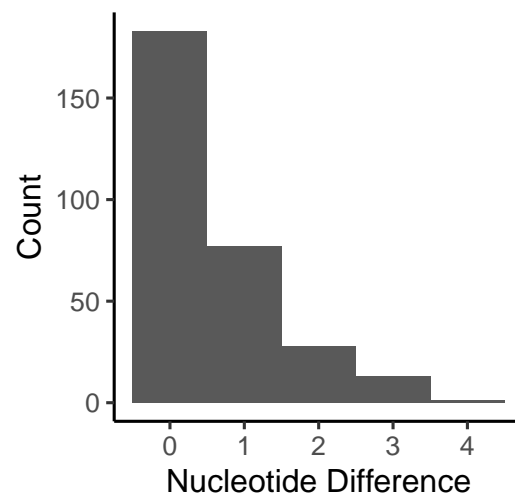
TRBV2*01

570 sequences assigned
355 (62.3%) exact matches, in which:
307 unique CDR3
13 unique J



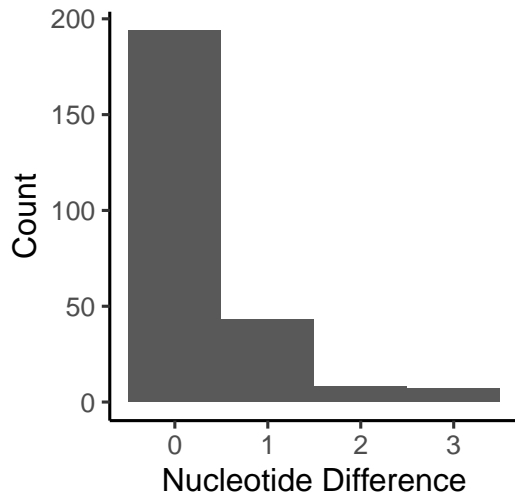
TRBV30*01

302 sequences assigned
183 (60.6%) exact matches, in which:
175 unique CDR3
13 unique J



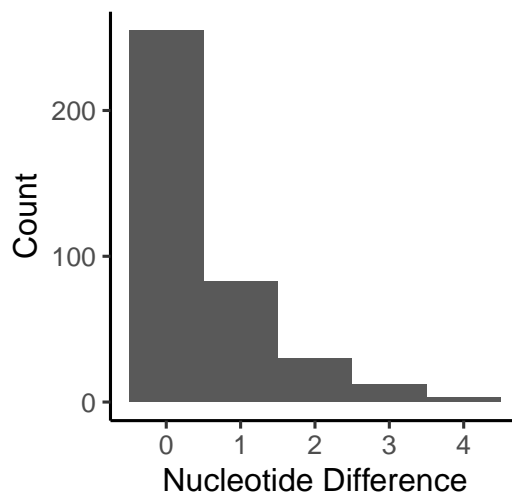
TRBV18*01

253 sequences assigned
194 (76.7%) exact matches, in which:
189 unique CDR3
13 unique J



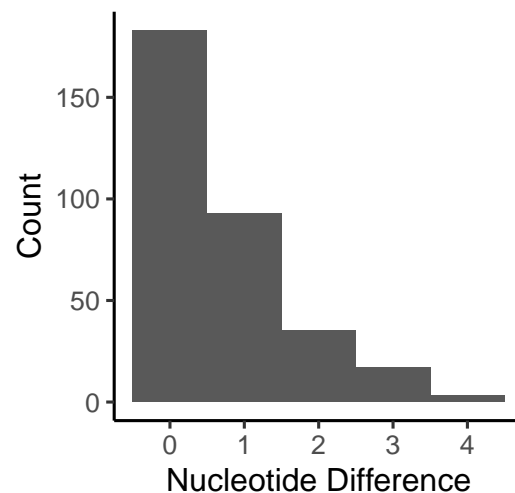
TRBV27*01

383 sequences assigned
255 (66.6%) exact matches, in which:
235 unique CDR3
13 unique J



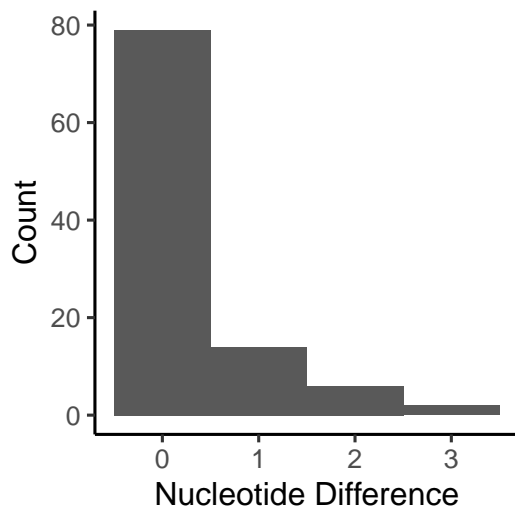
TRBV9*01

331 sequences assigned
183 (55.3%) exact matches, in which:
166 unique CDR3
13 unique J



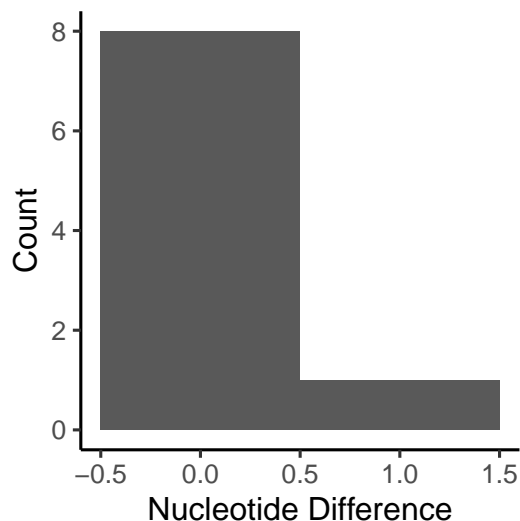
TRBV21–1*01

101 sequences assigned
79 (78.2%) exact matches, in which:
74 unique CDR3
13 unique J



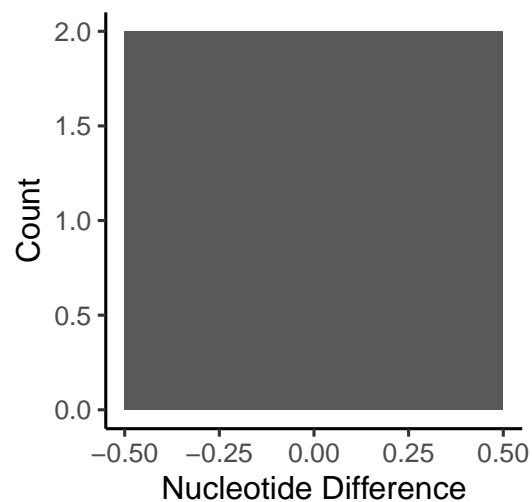
TRBV11–3*01

9 sequences assigned
8 (88.9%) exact matches, in which:
8 unique CDR3
7 unique J



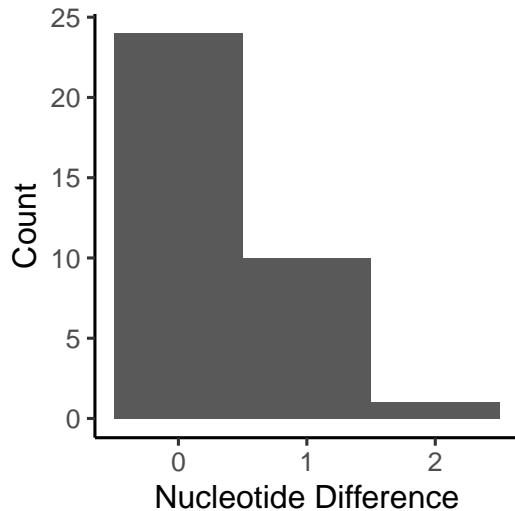
TRBV12–2*01

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



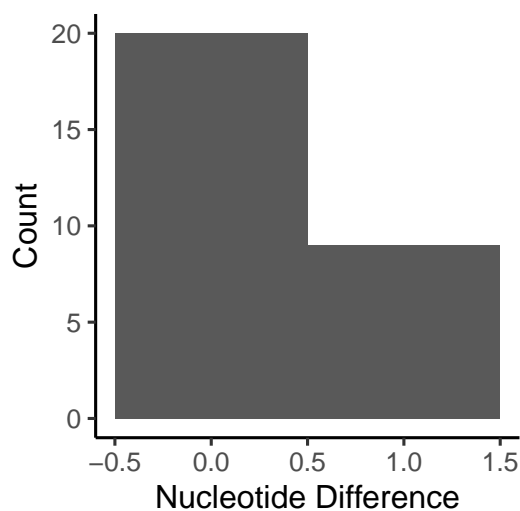
TRBV11–1*01

35 sequences assigned
24 (68.6%) exact matches, in which:
24 unique CDR3
9 unique J



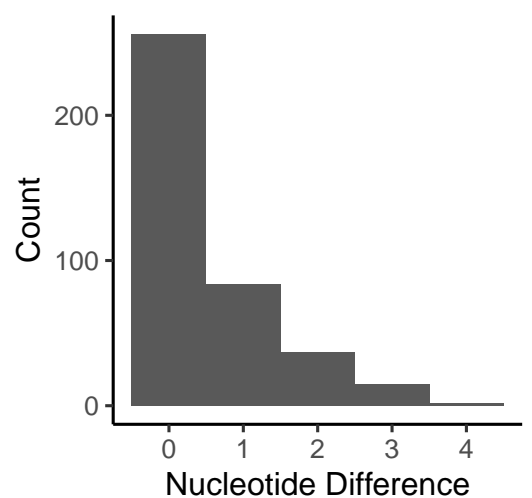
TRBV11–3*04

29 sequences assigned
20 (69%) exact matches, in which:
20 unique CDR3
7 unique J



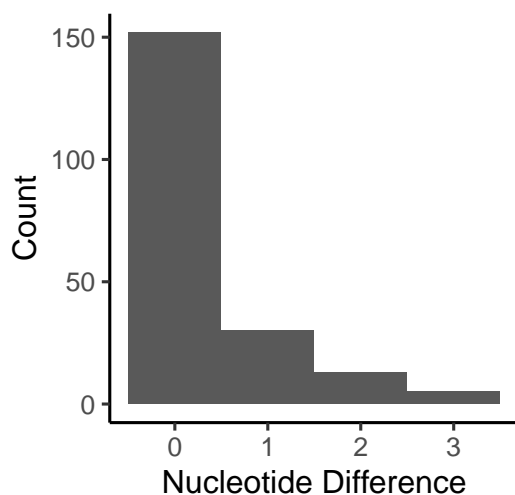
TRBV12–3*01

394 sequences assigned
256 (65%) exact matches, in which:
251 unique CDR3
13 unique J



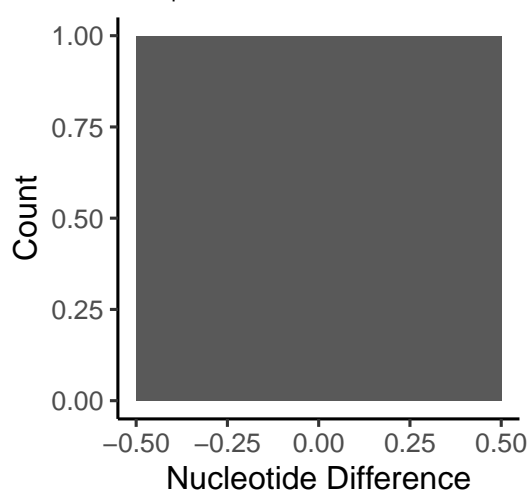
TRBV11–2*01

200 sequences assigned
152 (76%) exact matches, in which:
148 unique CDR3
13 unique J



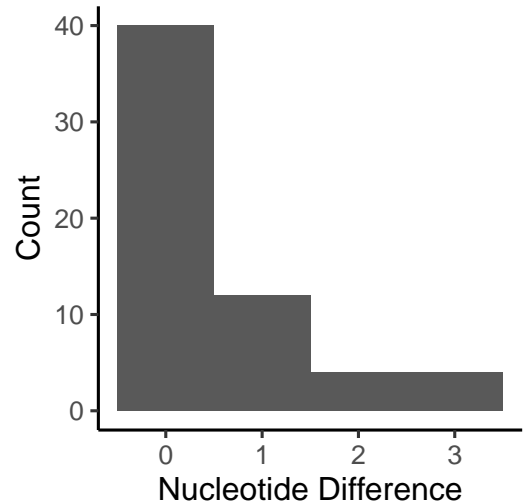
TRBV12–1*01

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



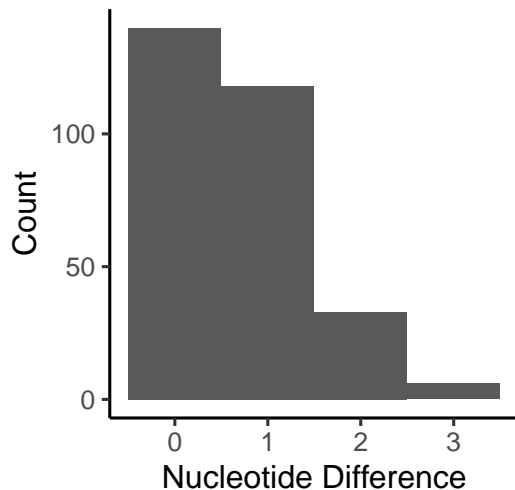
TRBV12–4*01

60 sequences assigned
40 (66.7%) exact matches, in which:
37 unique CDR3
13 unique J



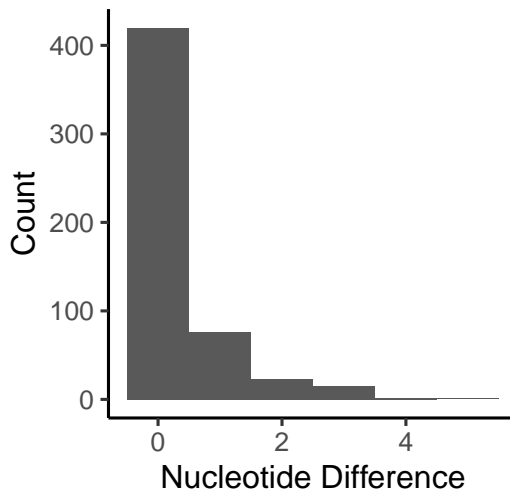
TRBV12-4*01_C87T

299 sequences assigned
140 (46.8%) exact matches, in which:
109 unique CDR3
13 unique J



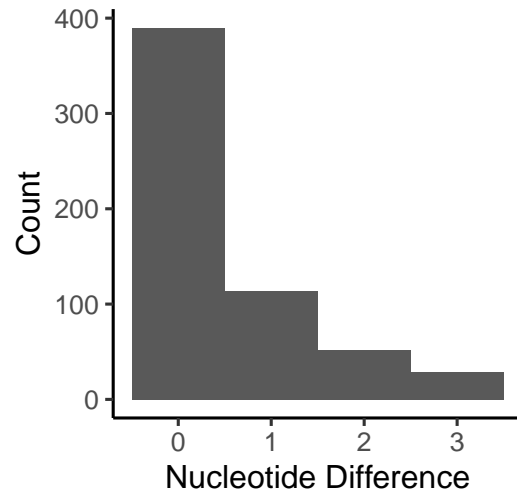
TRBV3-1*01

537 sequences assigned
420 (78.2%) exact matches, in which:
412 unique CDR3
13 unique J



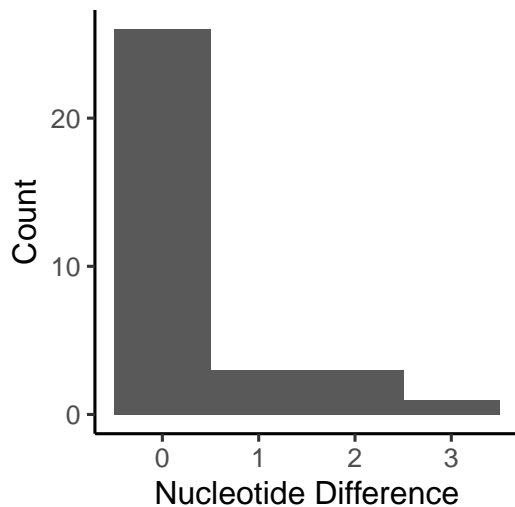
TRBV4-1*01

585 sequences assigned
390 (66.7%) exact matches, in which:
336 unique CDR3
13 unique J



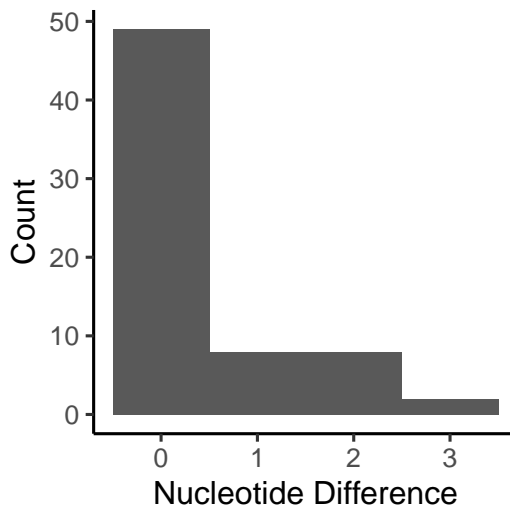
TRBV12-5*01

33 sequences assigned
26 (78.8%) exact matches, in which:
26 unique CDR3
10 unique J



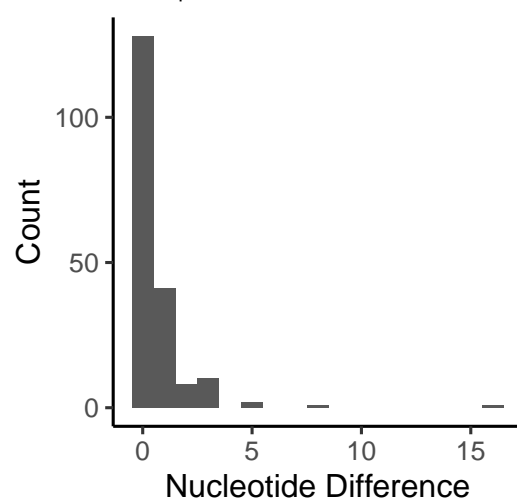
TRBV23-1*01

67 sequences assigned
49 (73.1%) exact matches, in which:
42 unique CDR3
11 unique J



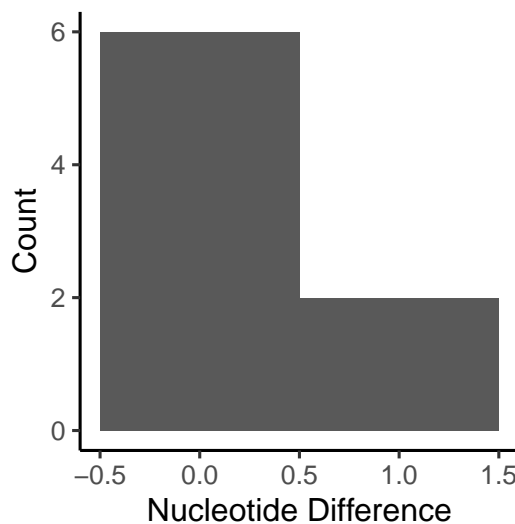
TRBV24-1*01

191 sequences assigned
128 (67%) exact matches, in which:
119 unique CDR3
12 unique J



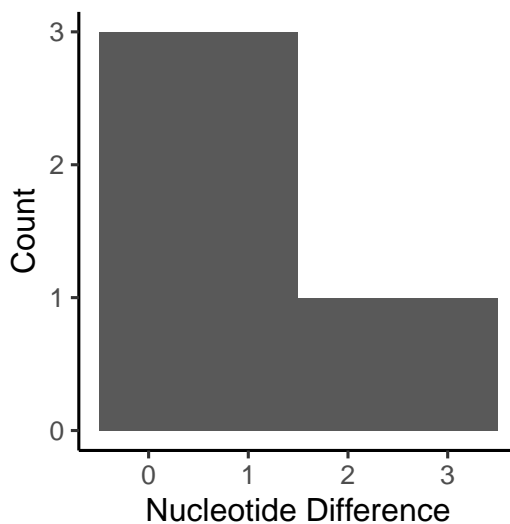
TRBV12-5*01_C28G

8 sequences assigned
6 (75%) exact matches, in which:
5 unique CDR3
4 unique J



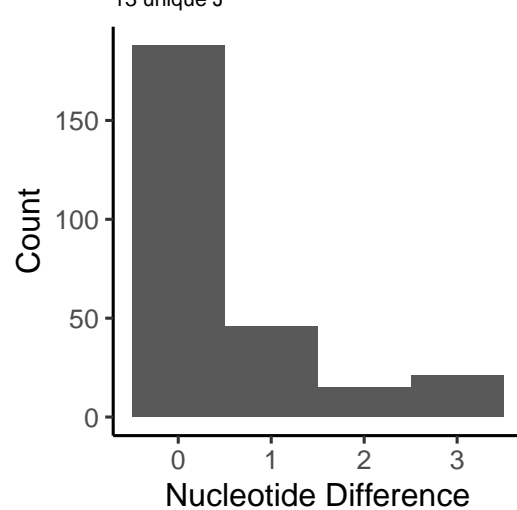
TRBV3-2*02

8 sequences assigned
3 (37.5%) exact matches, in which:
3 unique CDR3
3 unique J



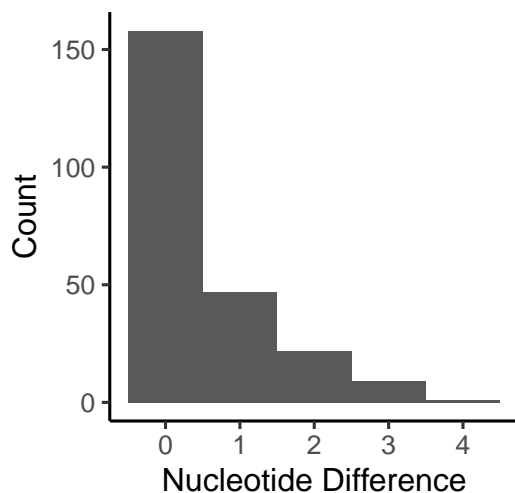
TRBV4-2*01

270 sequences assigned
188 (69.6%) exact matches, in which:
172 unique CDR3
13 unique J



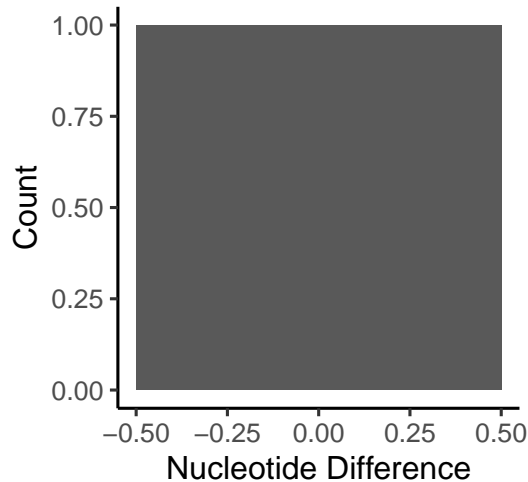
TRBV4-3*01

237 sequences assigned
158 (66.7%) exact matches, in which:
155 unique CDR3
13 unique J



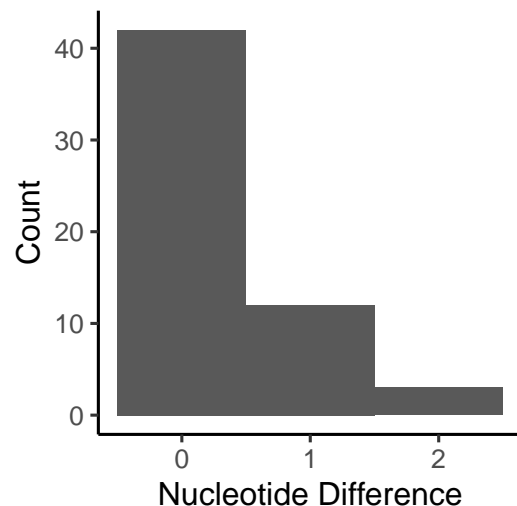
TRBV5-3*01

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



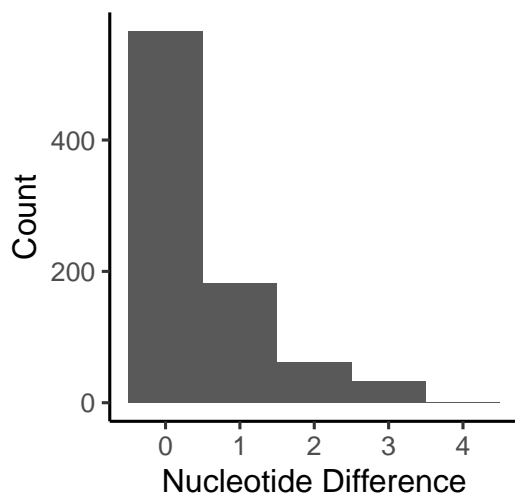
TRBV5-5*01

57 sequences assigned
42 (73.7%) exact matches, in which:
42 unique CDR3
11 unique J



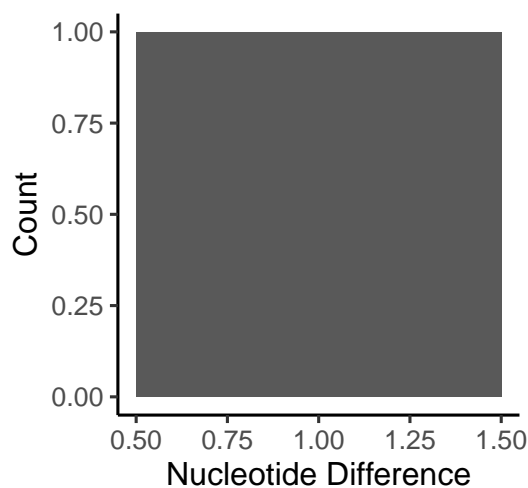
TRBV5-1*01

842 sequences assigned
566 (67.2%) exact matches, in which:
550 unique CDR3
13 unique J



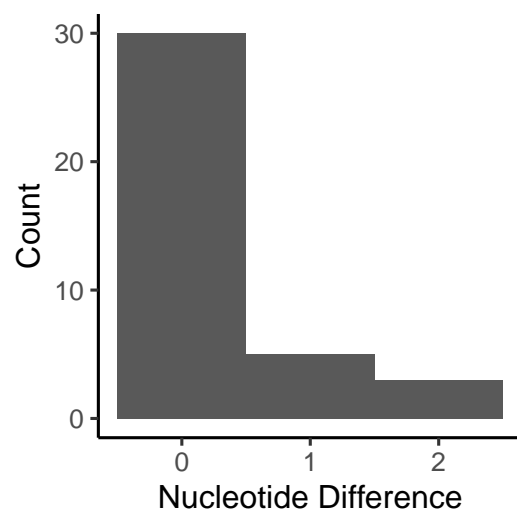
TRBV5-3*02

1 sequences assigned
No exact matches.



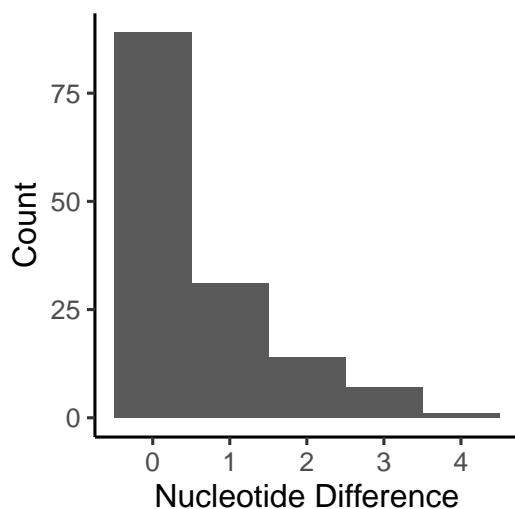
TRBV5-5*02_322TTGG32

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



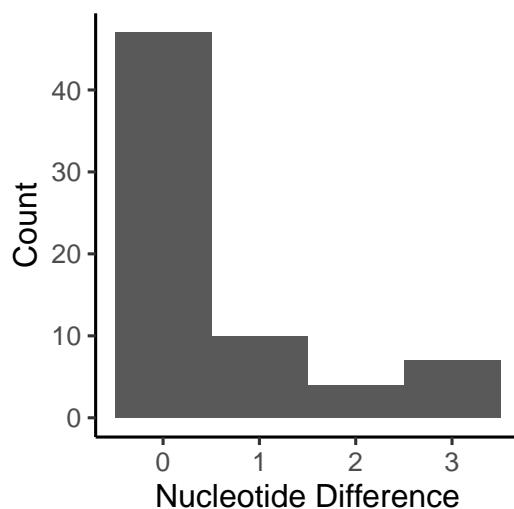
TRBV25-1*01

142 sequences assigned
89 (62.7%) exact matches, in which:
79 unique CDR3
13 unique J



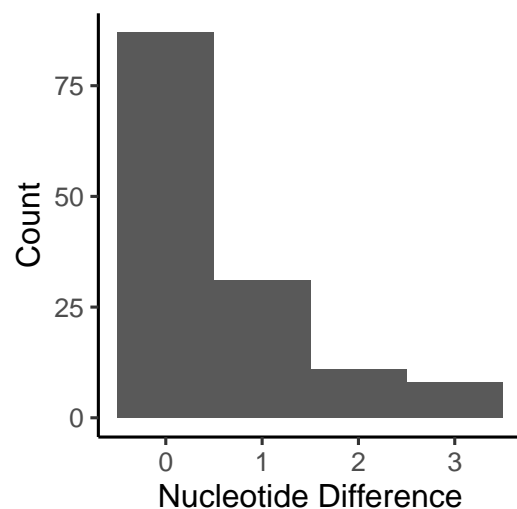
TRBV5-4*01

68 sequences assigned
47 (69.1%) exact matches, in which:
44 unique CDR3
11 unique J



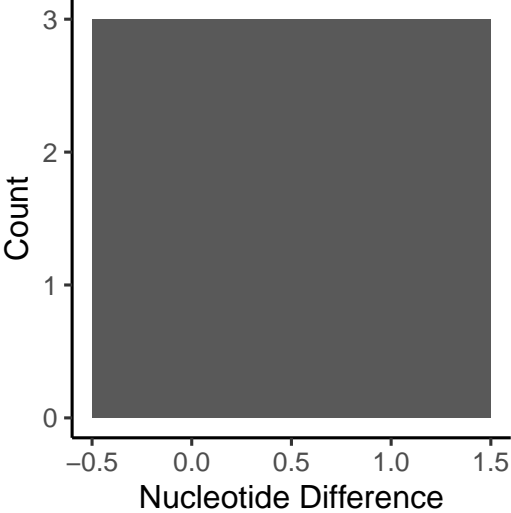
TRBV5-6*01

137 sequences assigned
87 (63.5%) exact matches, in which:
85 unique CDR3
13 unique J



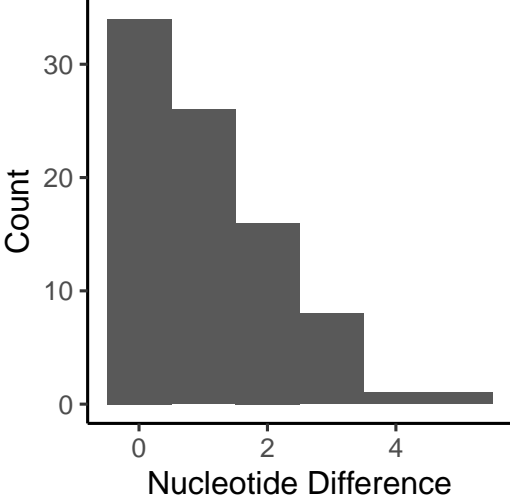
TRBV5-7*01

6 sequences assigned
3 (50%) exact matches, in which:
3 unique CDR3
3 unique J



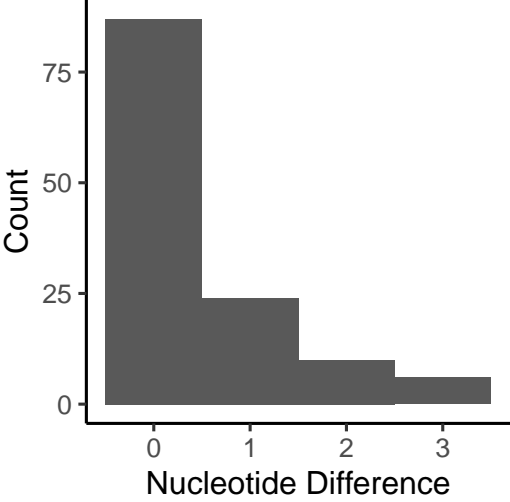
TRBV6-4*01

86 sequences assigned
34 (39.5%) exact matches, in which:
25 unique CDR3
7 unique J



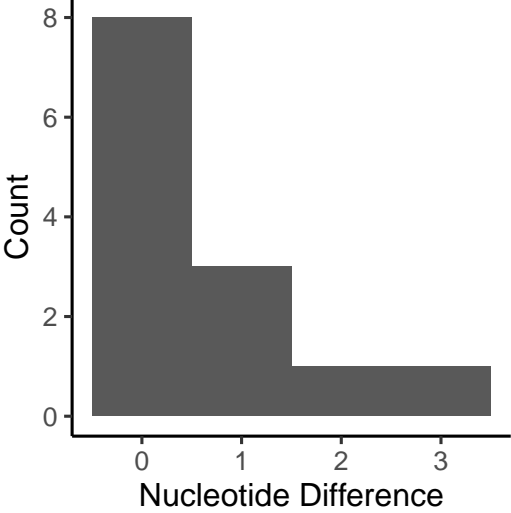
TRBV6-6*02

127 sequences assigned
87 (68.5%) exact matches, in which:
86 unique CDR3
12 unique J



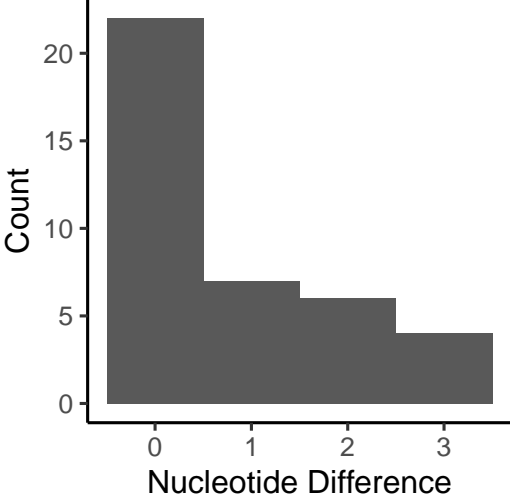
TRBV5-8*01

13 sequences assigned
8 (61.5%) exact matches, in which:
7 unique CDR3
5 unique J



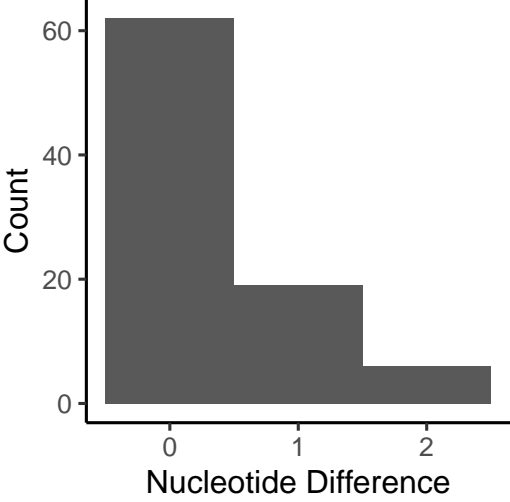
TRBV6-4*02

39 sequences assigned
22 (56.4%) exact matches, in which:
20 unique CDR3
6 unique J



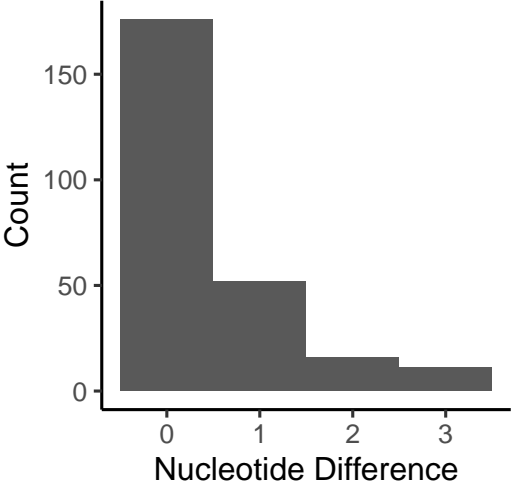
TRBV6-6*01_G264A

87 sequences assigned
62 (71.3%) exact matches, in which:
60 unique CDR3
12 unique J



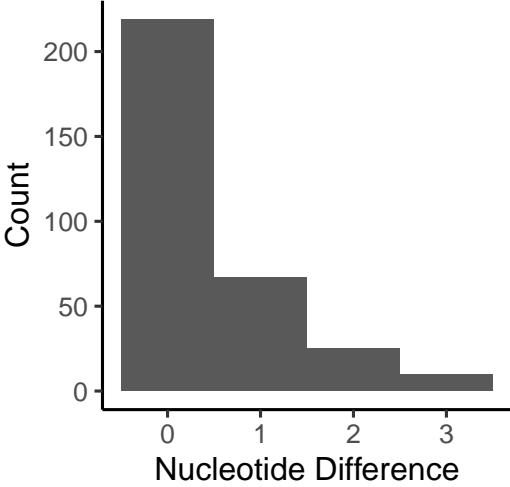
TRBV6-1*01

256 sequences assigned
176 (68.8%) exact matches, in which:
167 unique CDR3
13 unique J



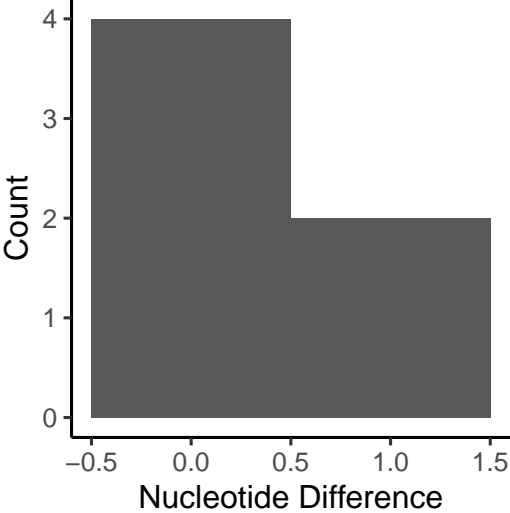
TRBV6-5*01

321 sequences assigned
219 (68.2%) exact matches, in which:
215 unique CDR3
13 unique J



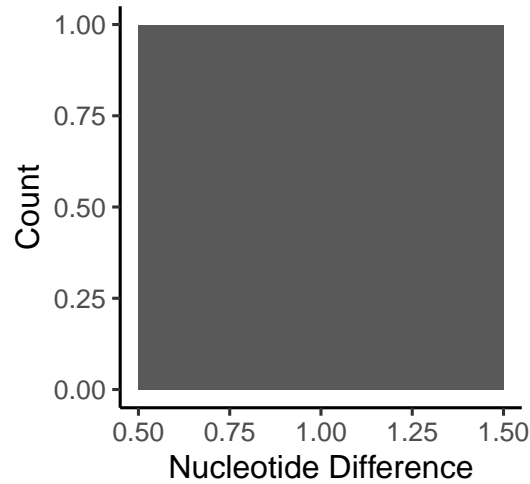
TRBV6-7*01

6 sequences assigned
4 (66.7%) exact matches, in which:
4 unique CDR3
4 unique J



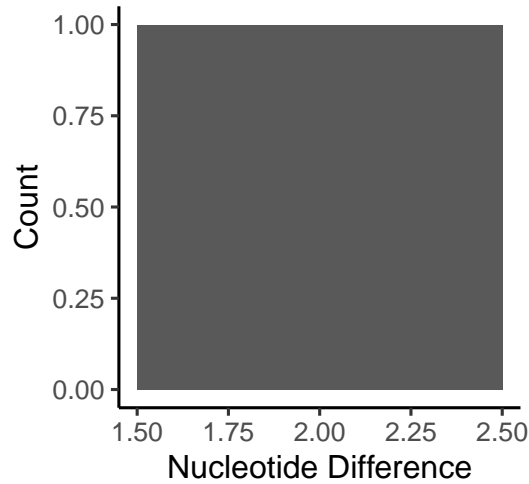
TRBV6-8*01

1 sequences assigned
No exact matches.



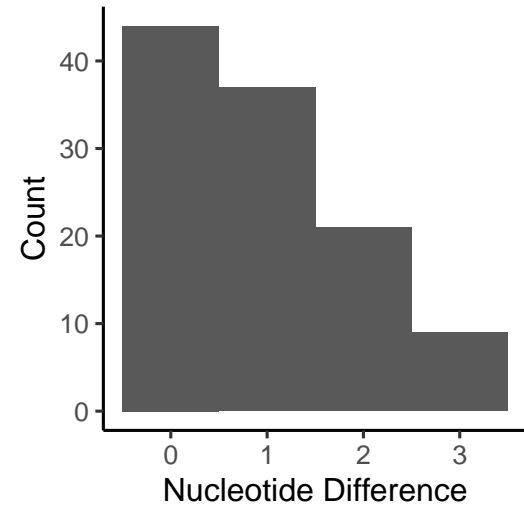
TRBV7-1*01

1 sequences assigned
No exact matches.



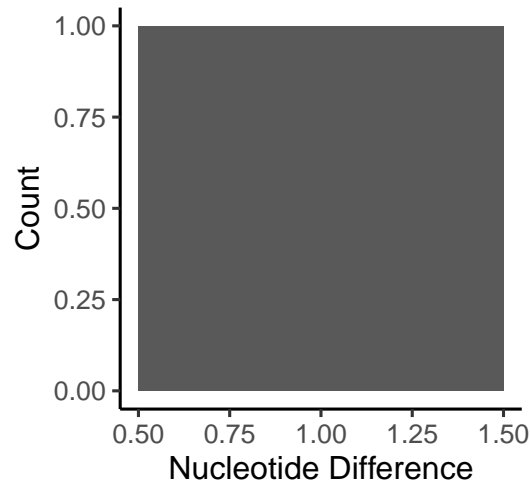
TRBV7-3*03

111 sequences assigned
44 (39.6%) exact matches, in which:
16 unique CDR3
8 unique J



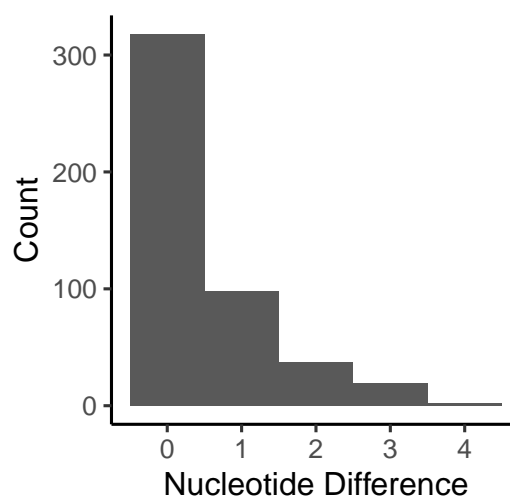
TRBV6-9*01

1 sequences assigned
No exact matches.



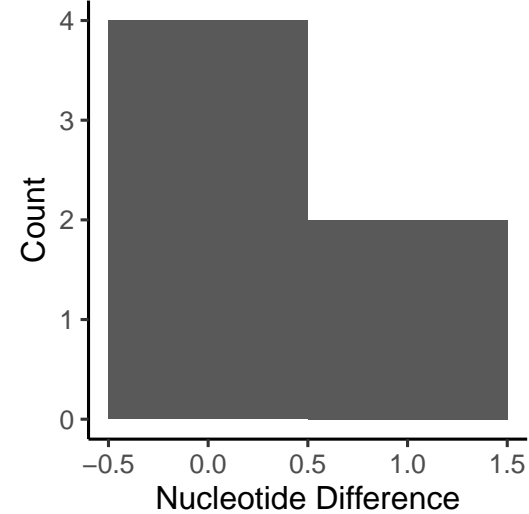
TRBV7-2*01

475 sequences assigned
318 (66.9%) exact matches, in which:
308 unique CDR3
13 unique J



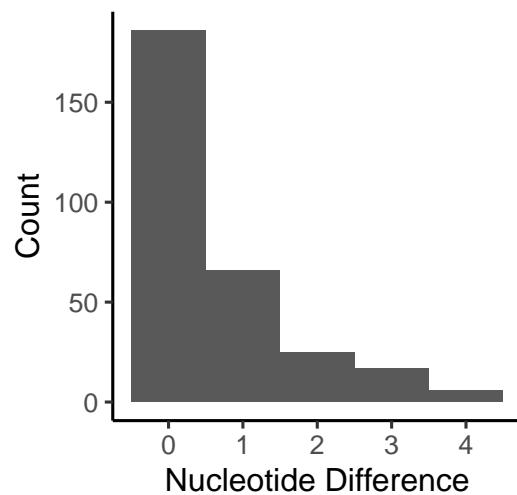
TRBV7-4*01

6 sequences assigned
4 (66.7%) exact matches, in which:
4 unique CDR3
3 unique J



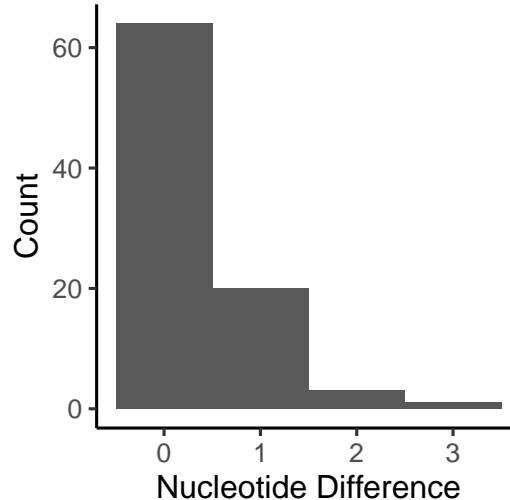
TRBV6-23*01

301 sequences assigned
186 (61.8%) exact matches, in which:
174 unique CDR3
13 unique J



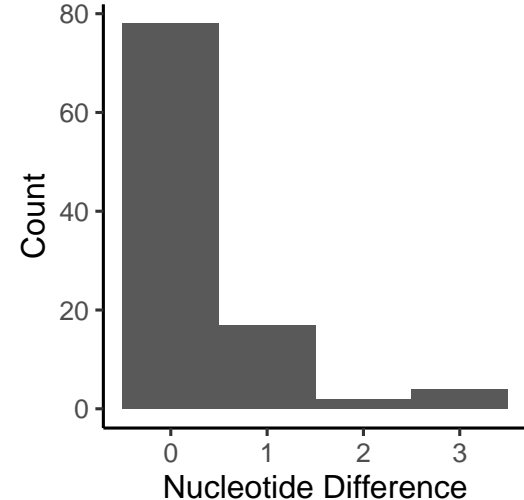
TRBV7-3*01

88 sequences assigned
64 (72.7%) exact matches, in which:
61 unique CDR3
10 unique J



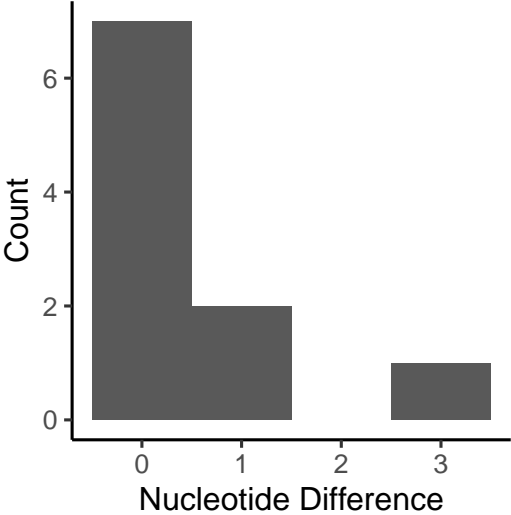
TRBV7-6*01

101 sequences assigned
78 (77.2%) exact matches, in which:
75 unique CDR3
12 unique J



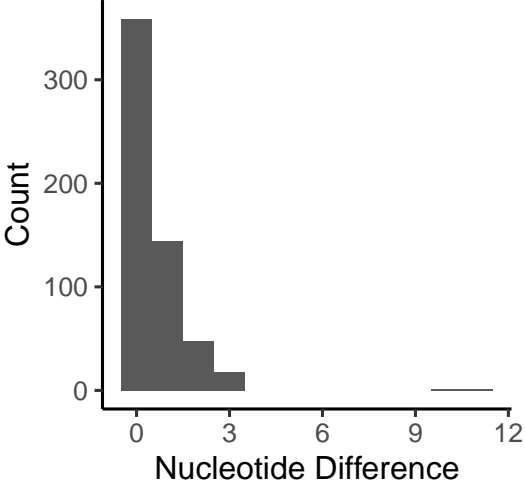
TRBV7-7*01

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



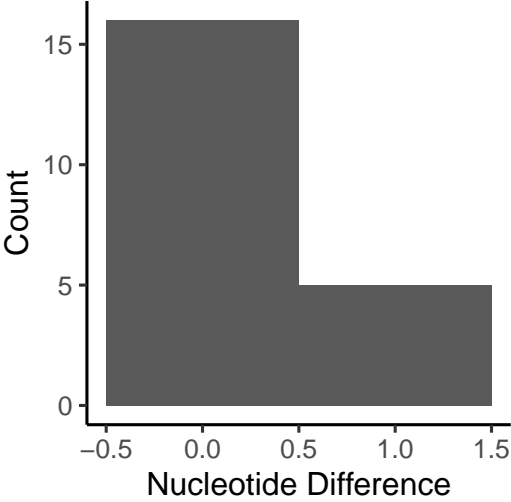
TRBV7-9*03

571 sequences assigned
359 (62.9%) exact matches, in which:
319 unique CDR3
13 unique J



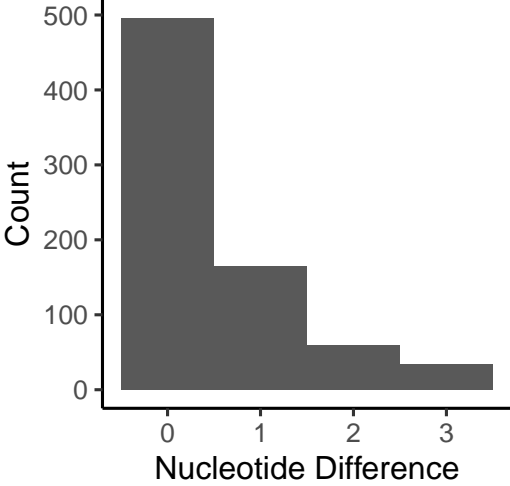
TRBV7-7*01_C315T

21 sequences assigned
16 (76.2%) exact matches, in which:
16 unique CDR3
6 unique J



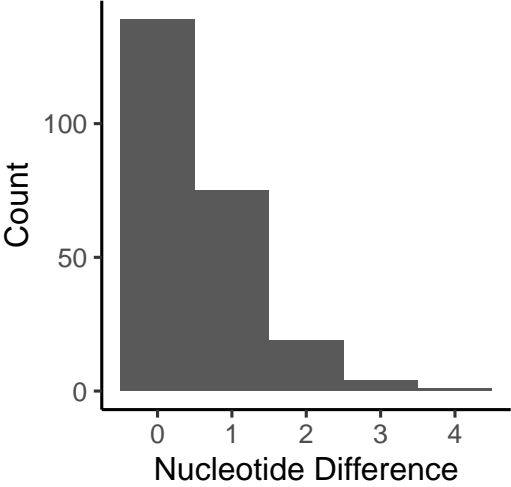
TRBV29-1*01

755 sequences assigned
496 (65.7%) exact matches, in which:
469 unique CDR3
13 unique J

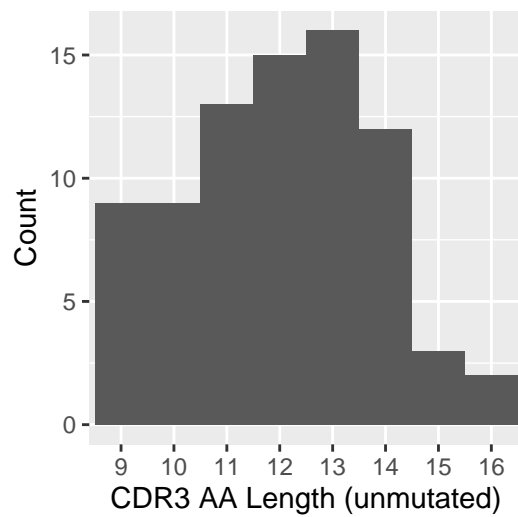


TRBV7-8*01

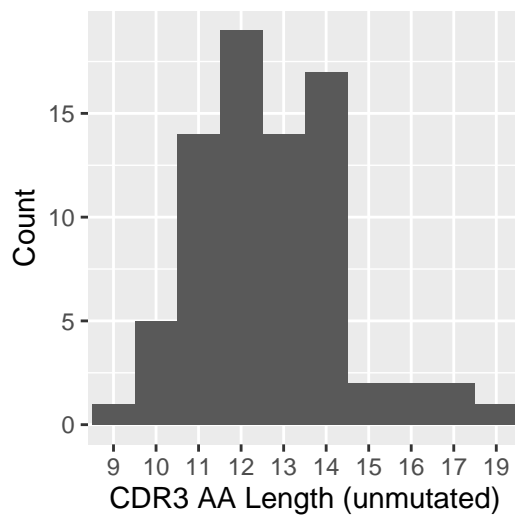
238 sequences assigned
139 (58.4%) exact matches, in which:
121 unique CDR3
13 unique J



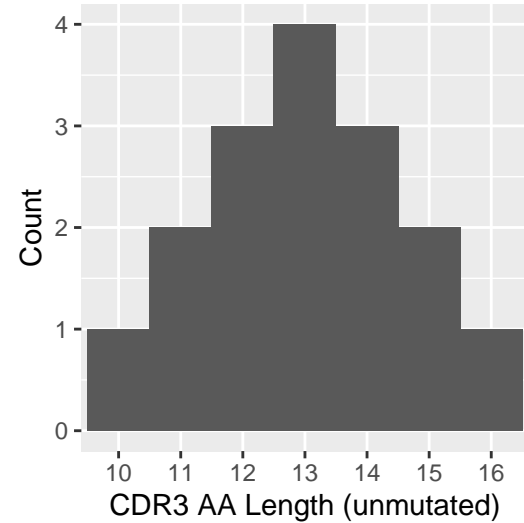
TRBV10-3*03_313GCCATC,



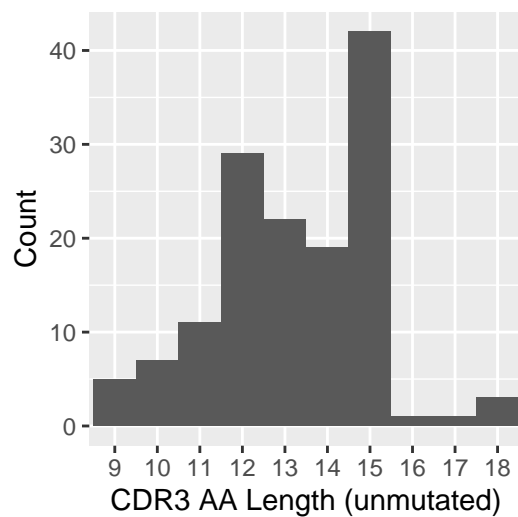
TRBV14*02_322CAAGA326



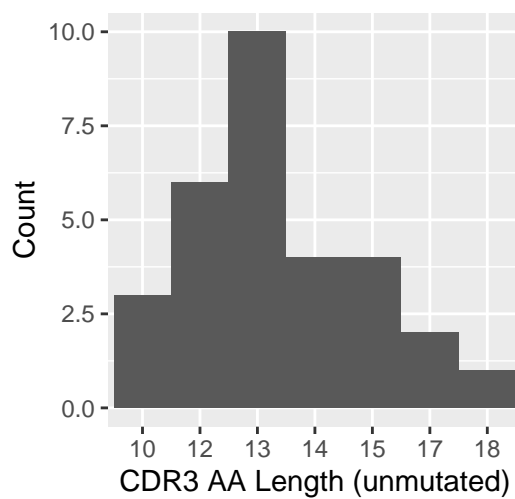
TRBV7-7*01_C315T



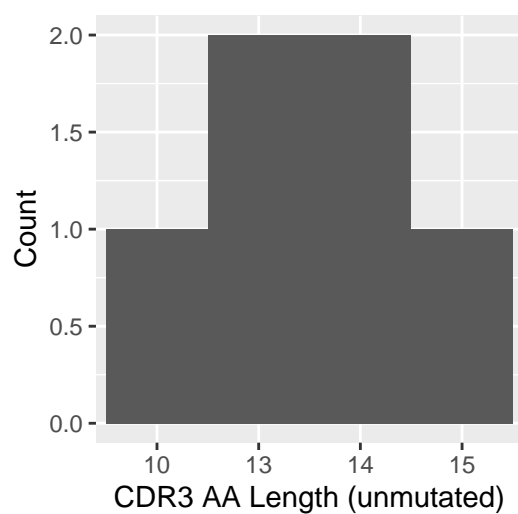
TRBV12-4*01_C87T



TRBV5-5*02_322TTGG325



TRBV12-5*01_C28G



TRBV6-6*01_G264A

