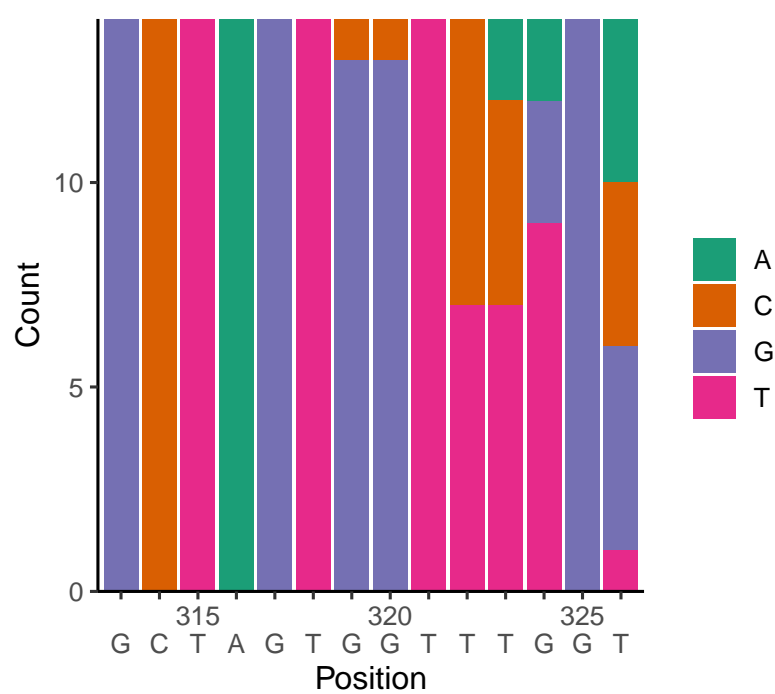
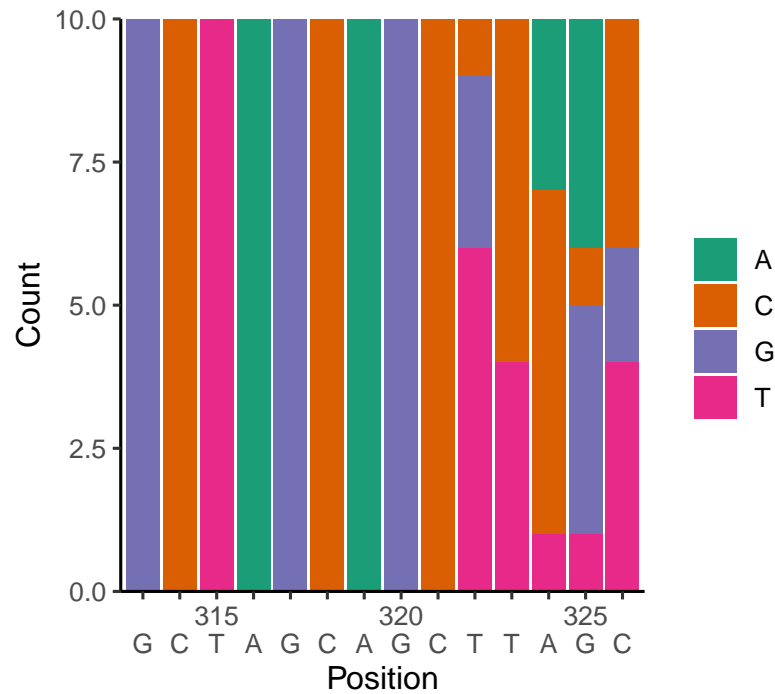


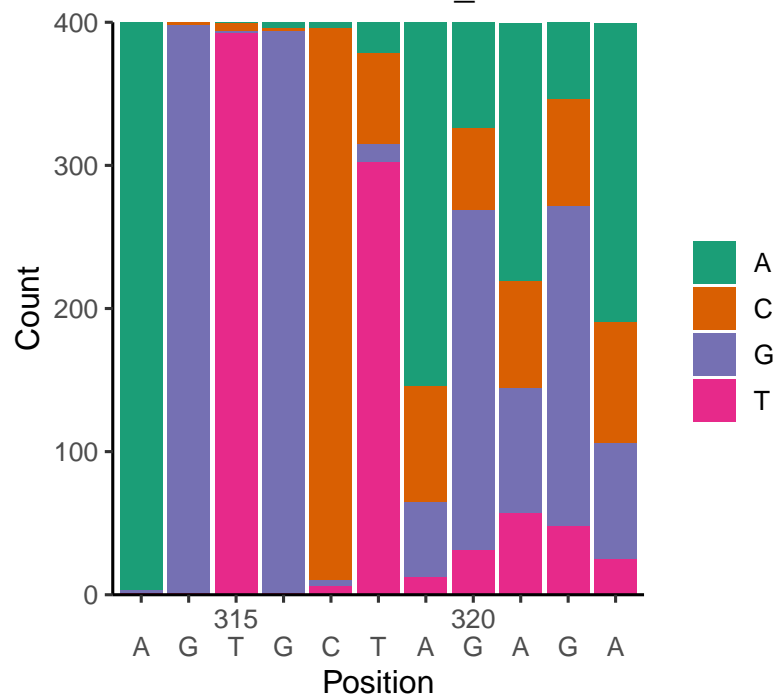
Gene TRBV12-5*01_C28G



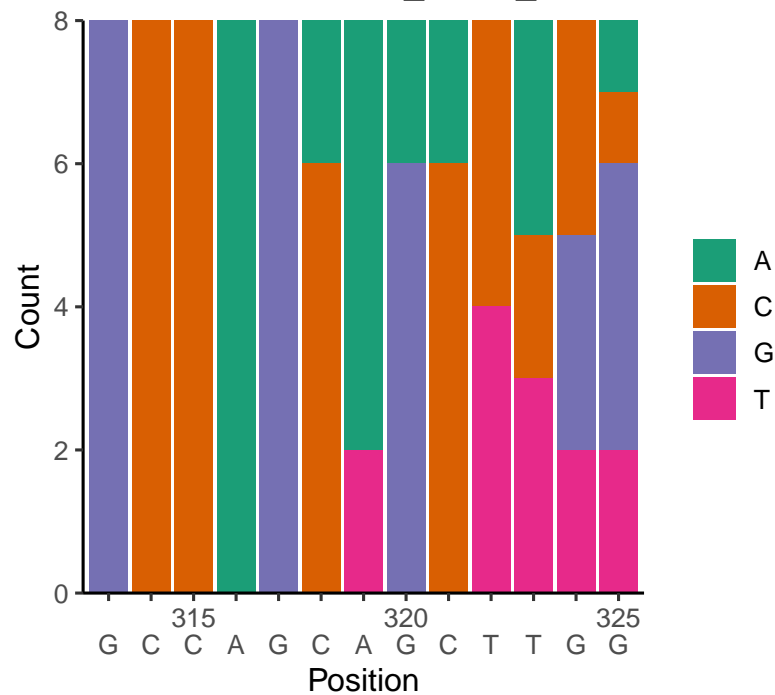
Gene TRBV7-7*01_C315T



Gene TRBV20-1*02_319AGAGA323



Gene TRBV5-8*01_C56T_C276T



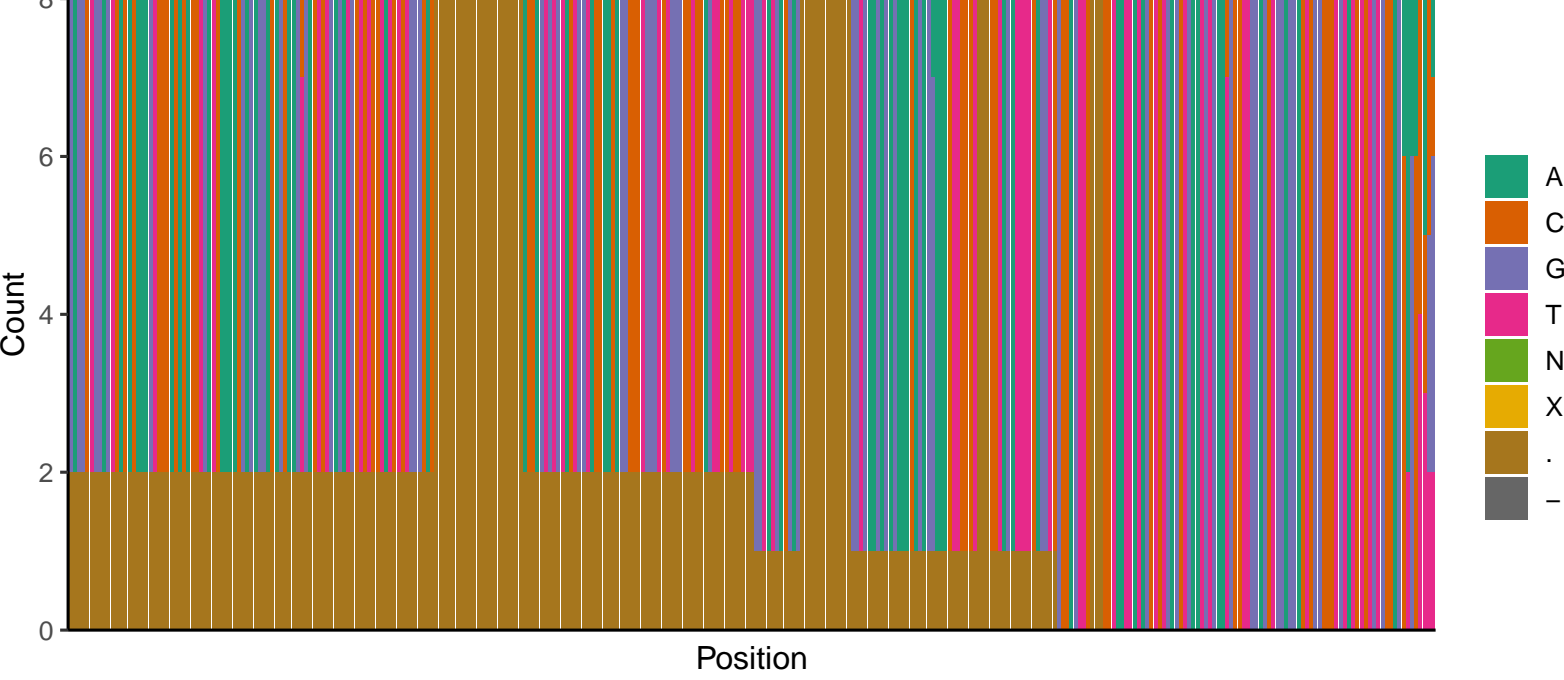
Gene TRBV12-5*01_C28G



Gene TRBV20-1*02_319AGAGA323



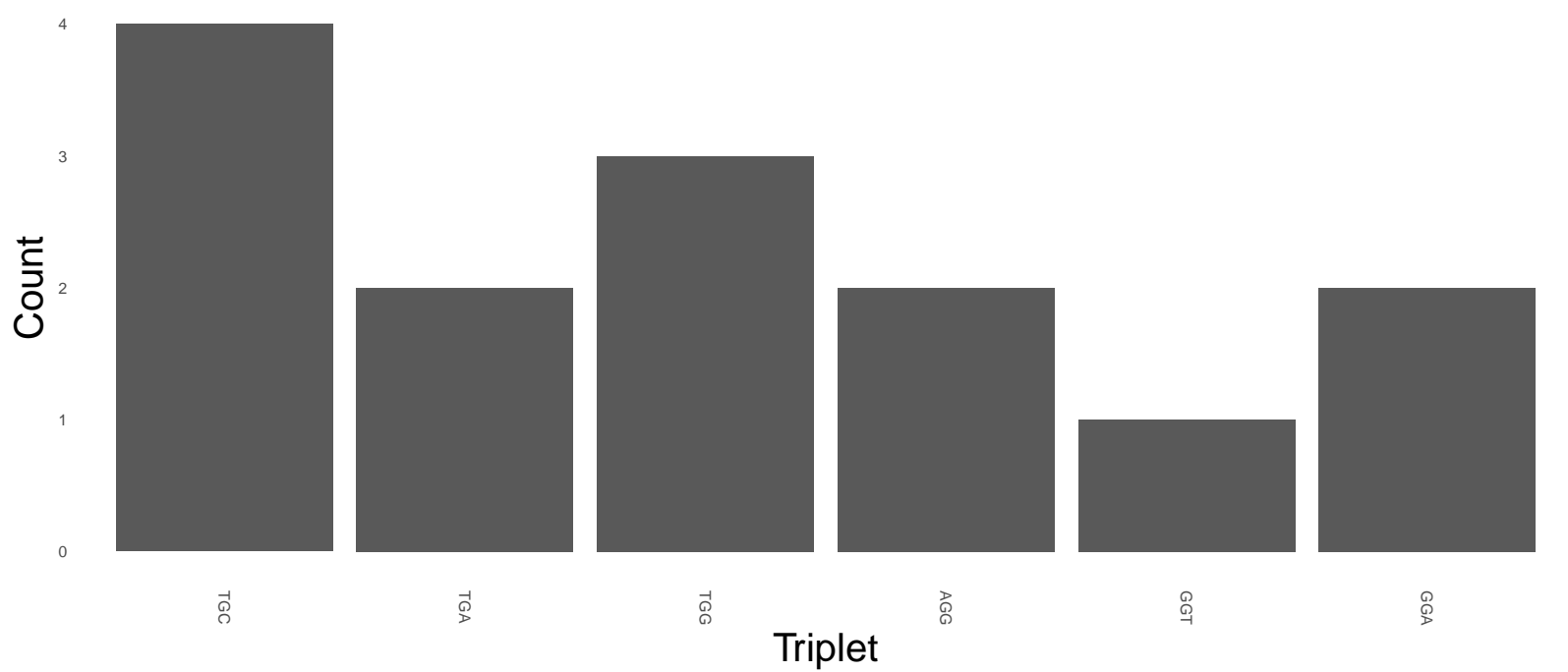
Gene TRBV5-8*01_C56T_C276T



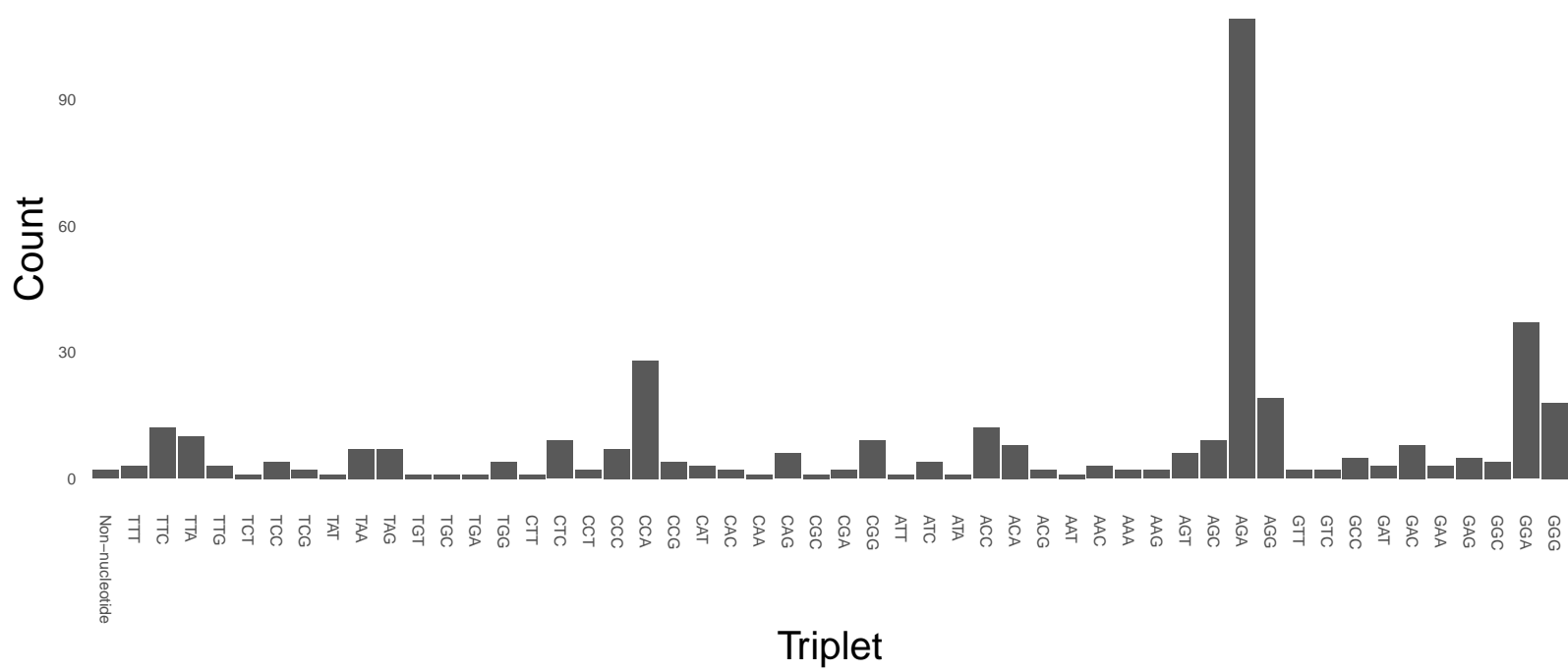
Gene TRBV7-7*01_C315T



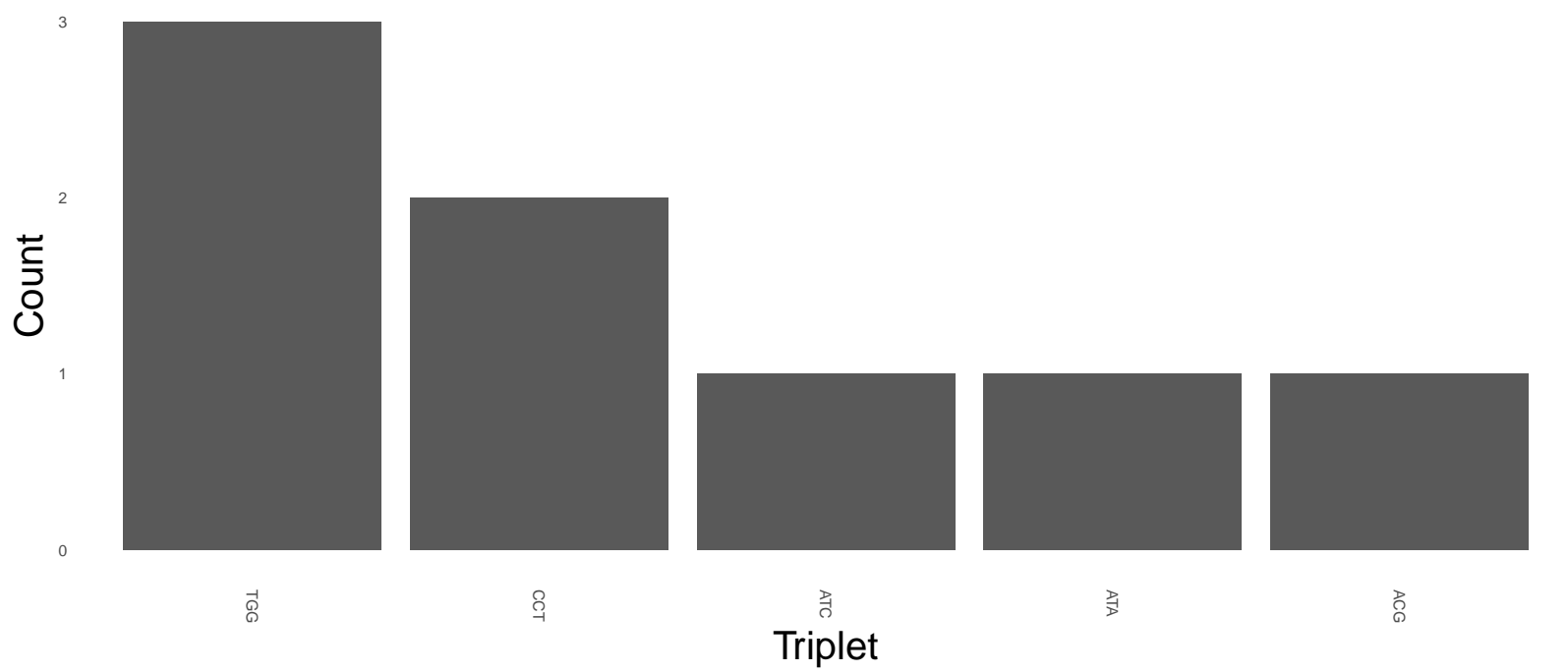
TRBV12-5*01_C28G- Final 3 nucleotides as a triplet



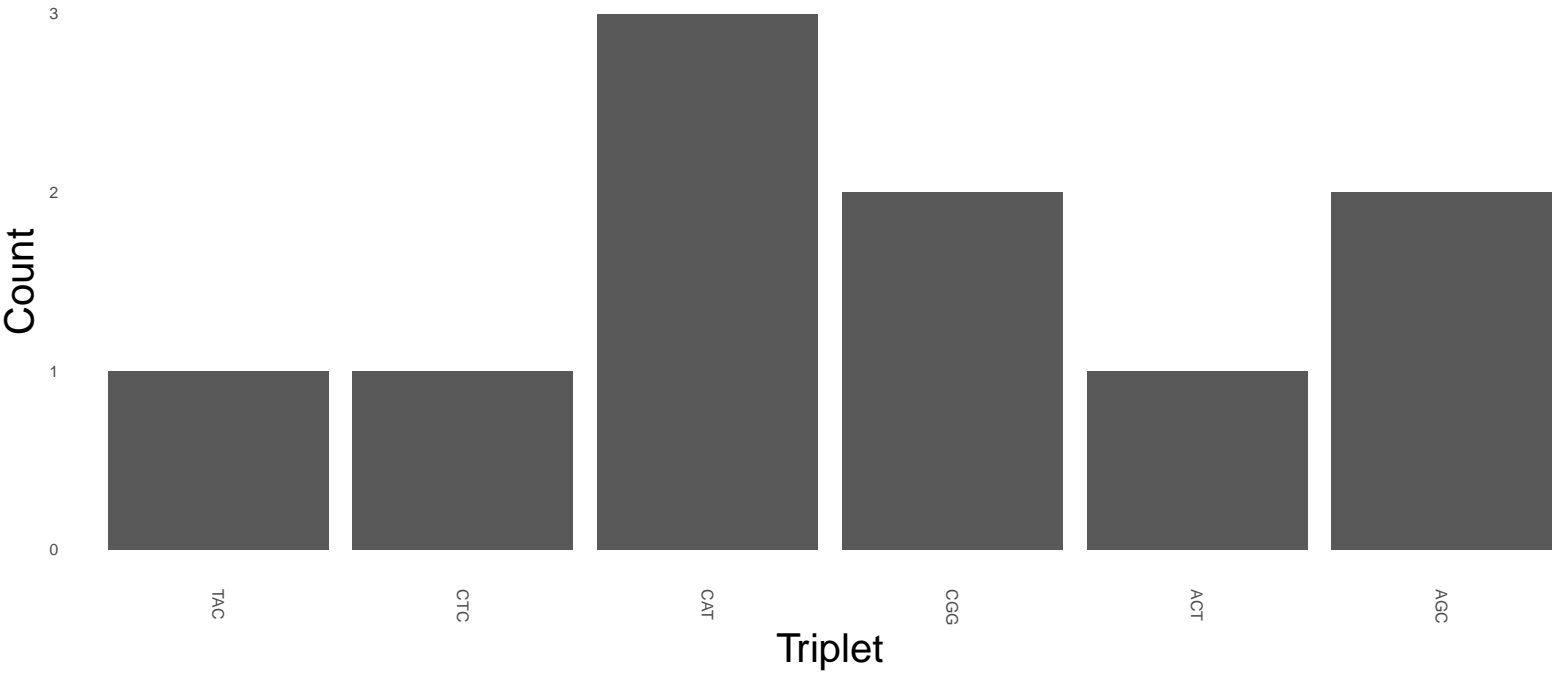
TRBV20-1*02_319AGAGA323- Final 3 nucleotides as a triplet



TRBV5-8*01_C56T_C276T- Final 3 nucleotides as a triplet

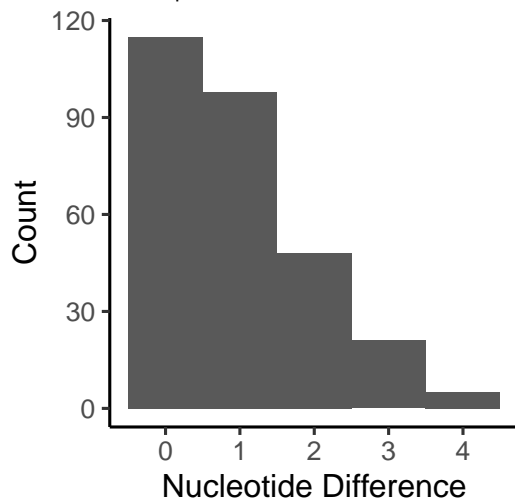


TRBV7-7*01_C315T- Final 3 nucleotides as a triplet



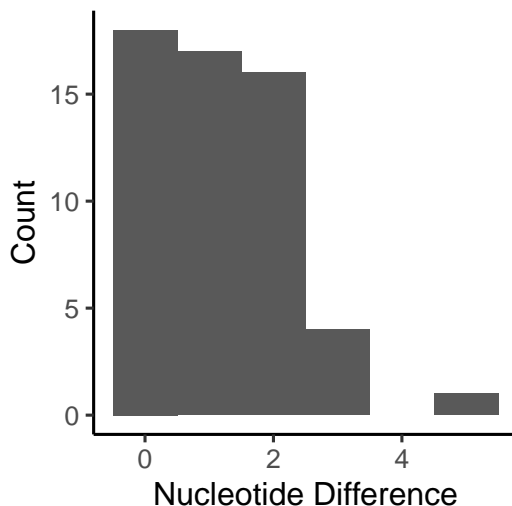
TRBV20–1*01

287 sequences assigned
115 (40.1%) exact matches, in which:
92 unique CDR3
11 unique J



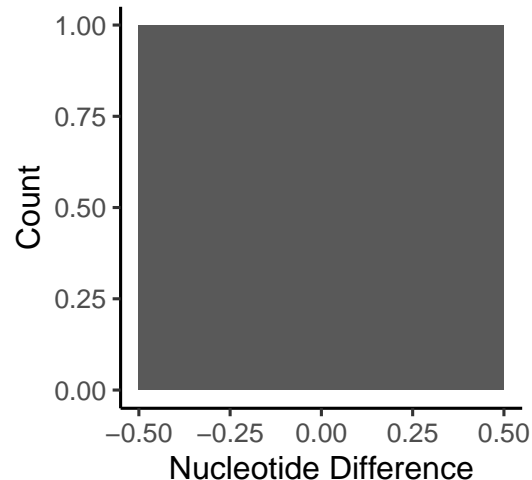
TRBV10–2*01

56 sequences assigned
18 (32.1%) exact matches, in which:
12 unique CDR3
7 unique J



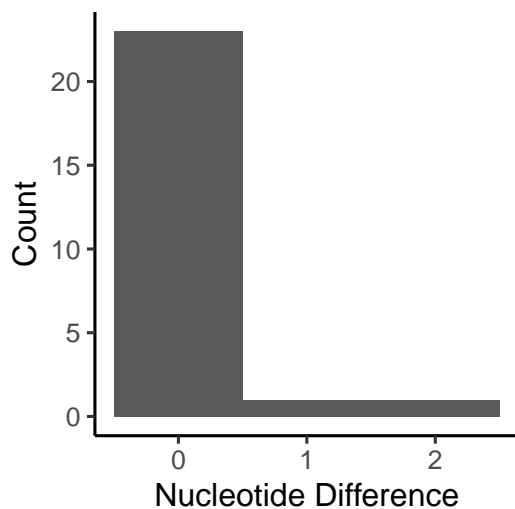
TRBV1*01

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



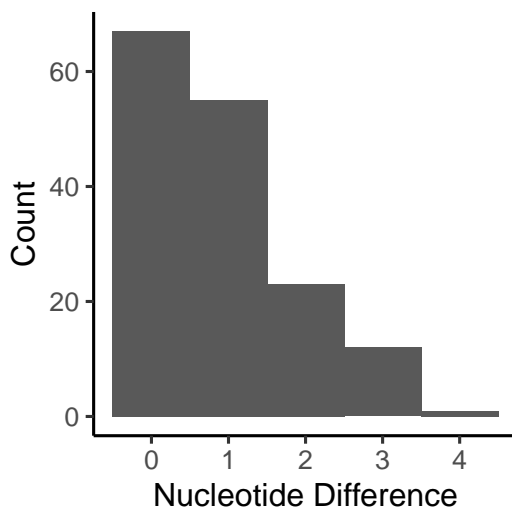
TRBV10–1*01

25 sequences assigned
23 (92%) exact matches, in which:
21 unique CDR3
9 unique J



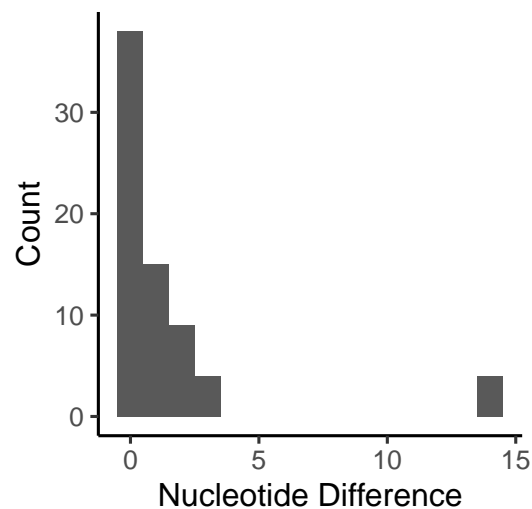
TRBV10–3*01

158 sequences assigned
67 (42.4%) exact matches, in which:
38 unique CDR3
10 unique J



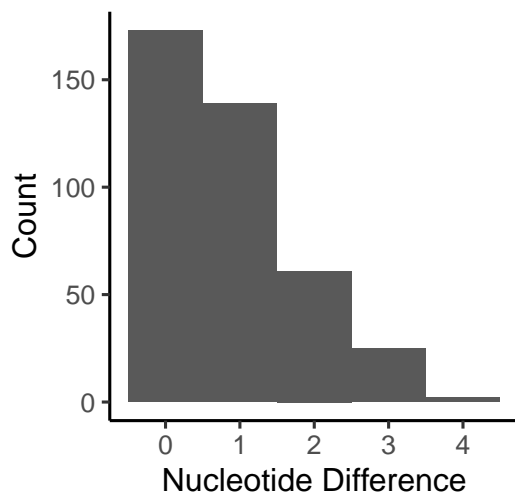
TRBV13*01

70 sequences assigned
38 (54.3%) exact matches, in which:
37 unique CDR3
10 unique J



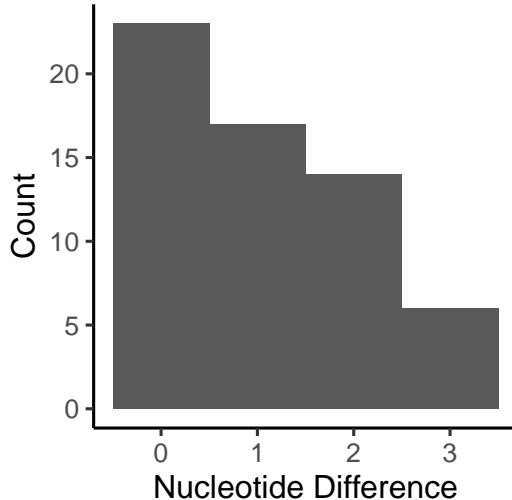
TRBV20–1*02_319AGAG

400 sequences assigned
173 (43.2%) exact matches, in which:
133 unique CDR3
13 unique J



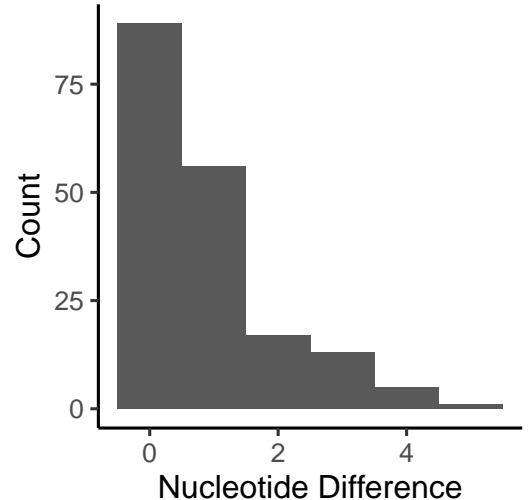
TRBV10–3*02

60 sequences assigned
23 (38.3%) exact matches, in which:
23 unique CDR3
9 unique J



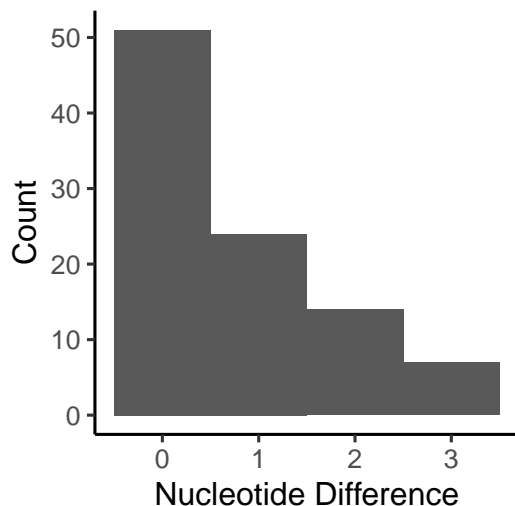
TRBV14*01

181 sequences assigned
89 (49.2%) exact matches, in which:
75 unique CDR3
14 unique J



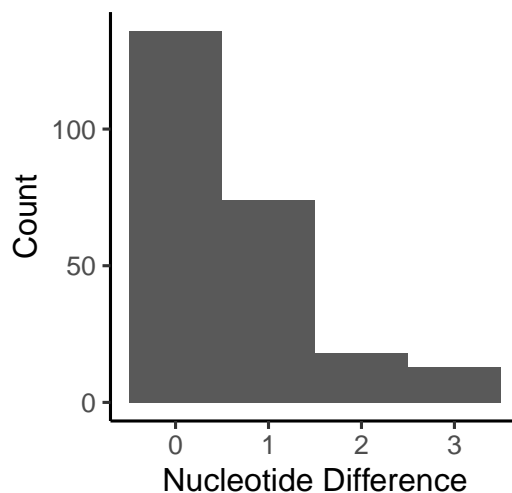
TRBV15*02

96 sequences assigned
51 (53.1%) exact matches, in which:
49 unique CDR3
13 unique J



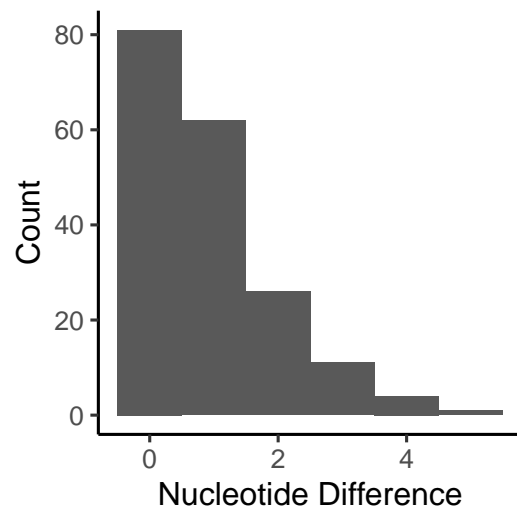
TRBV19*01

241 sequences assigned
136 (56.4%) exact matches, in which:
111 unique CDR3
13 unique J



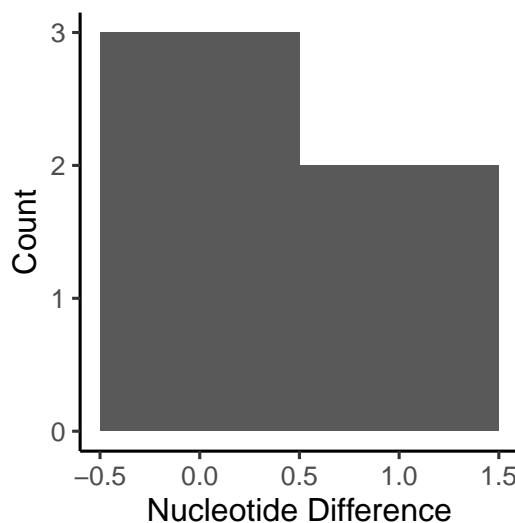
TRBV28*01

185 sequences assigned
81 (43.8%) exact matches, in which:
73 unique CDR3
12 unique J



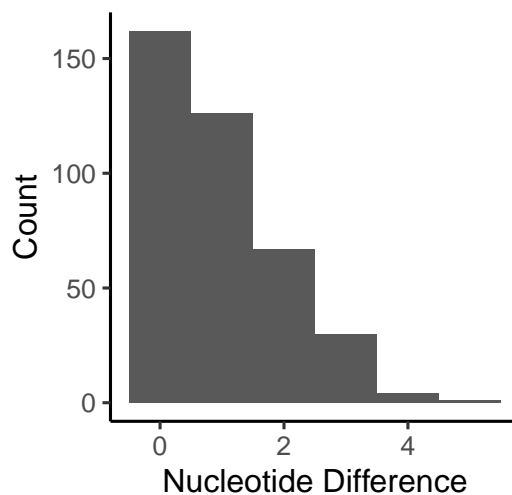
TRBV16*01

5 sequences assigned
3 (60%) exact matches, in which:
3 unique CDR3
3 unique J



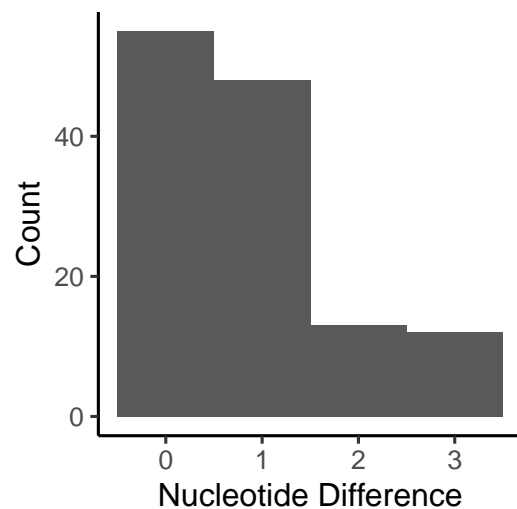
TRBV2*01

391 sequences assigned
162 (41.4%) exact matches, in which:
133 unique CDR3
12 unique J



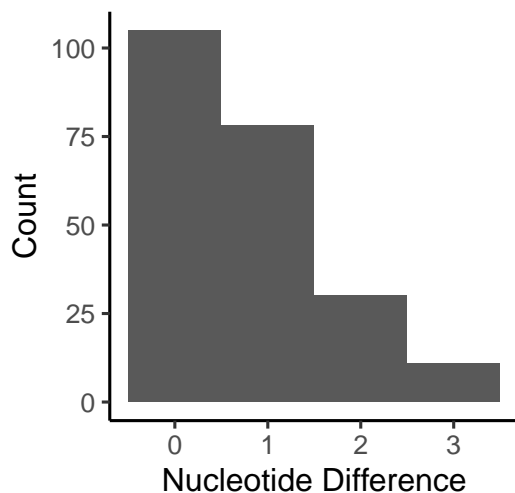
TRBV30*01

128 sequences assigned
55 (43%) exact matches, in which:
42 unique CDR3
10 unique J



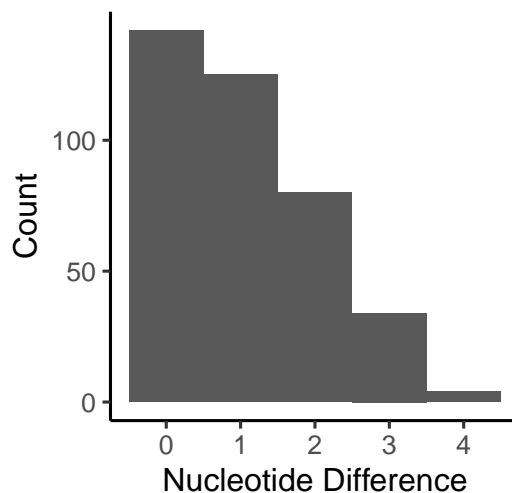
TRBV18*01

224 sequences assigned
105 (46.9%) exact matches, in which:
77 unique CDR3
14 unique J



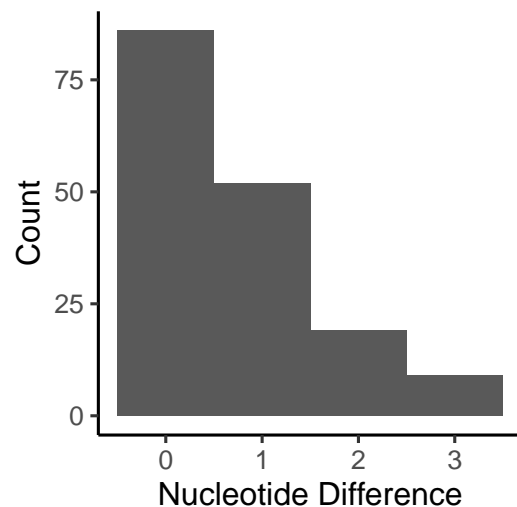
TRBV27*01

385 sequences assigned
142 (36.9%) exact matches, in which:
109 unique CDR3
14 unique J



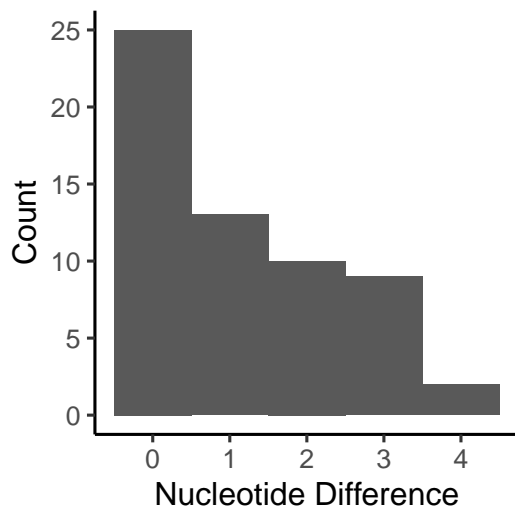
TRBV9*01

166 sequences assigned
86 (51.8%) exact matches, in which:
73 unique CDR3
13 unique J



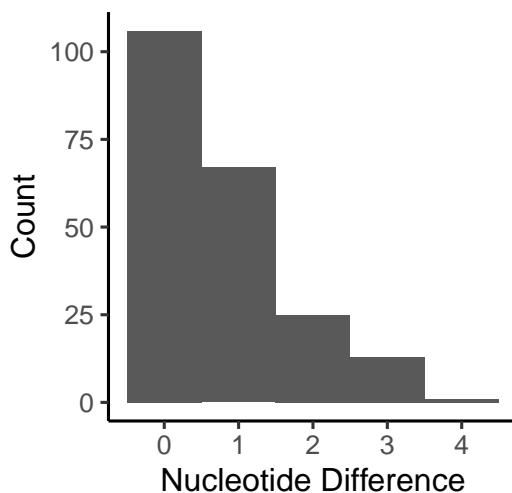
TRBV21-1*01

59 sequences assigned
25 (42.4%) exact matches, in which:
19 unique CDR3
9 unique J



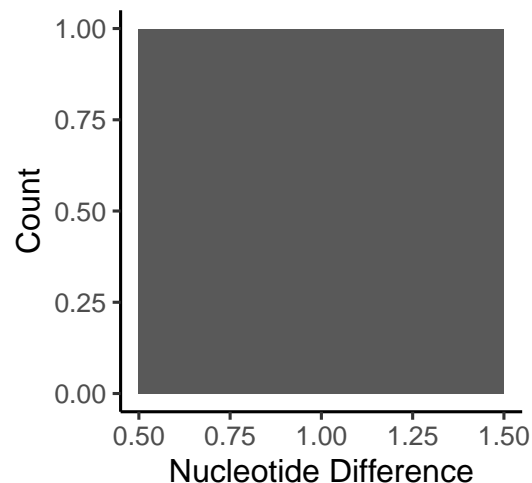
TRBV11-2*01

212 sequences assigned
106 (50%) exact matches, in which:
100 unique CDR3
13 unique J



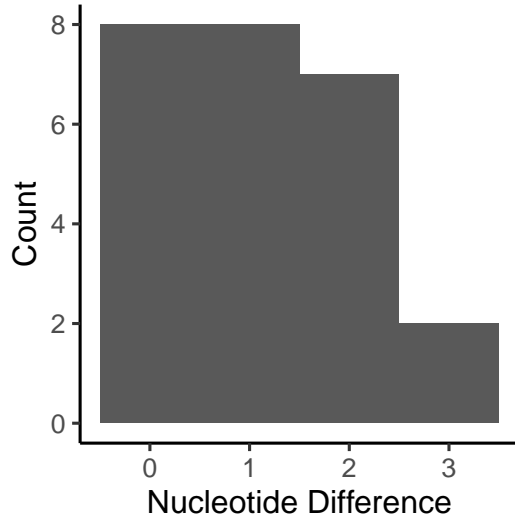
TRBV12-2*01

1 sequences assigned
No exact matches.



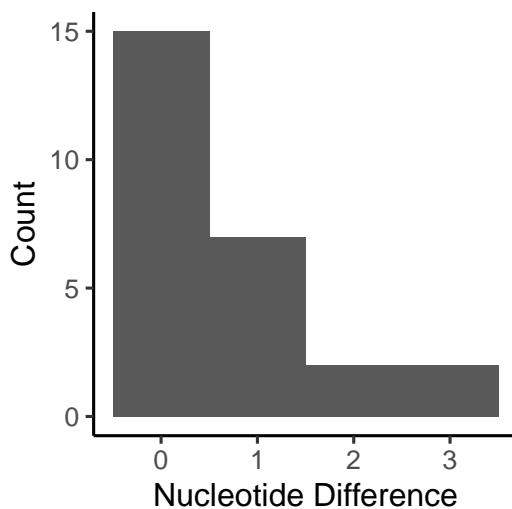
TRBV11-1*01

25 sequences assigned
8 (32%) exact matches, in which:
4 unique CDR3
4 unique J



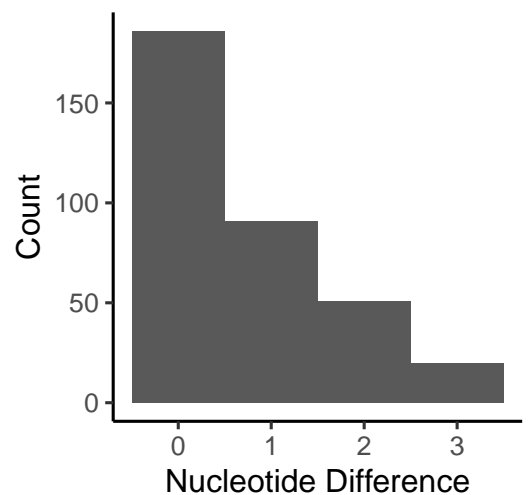
TRBV11-3*01

26 sequences assigned
15 (57.7%) exact matches, in which:
12 unique CDR3
6 unique J



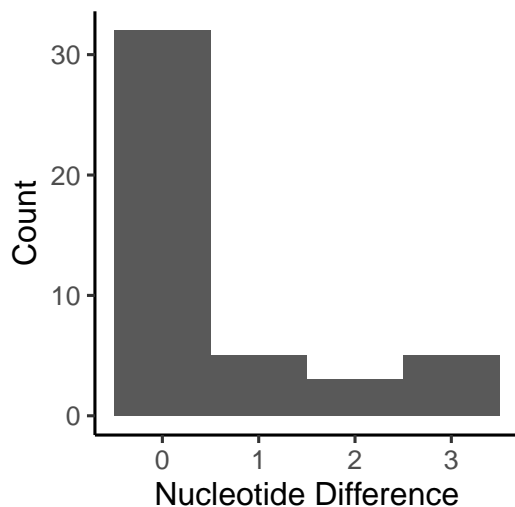
TRBV12-3*01

348 sequences assigned
186 (53.4%) exact matches, in which:
153 unique CDR3
13 unique J



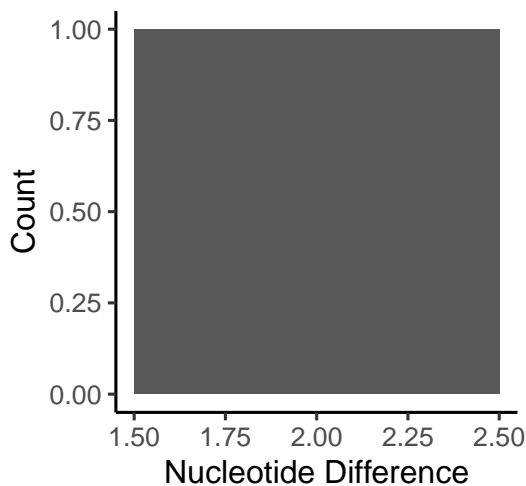
TRBV21-1*02

45 sequences assigned
32 (71.1%) exact matches, in which:
31 unique CDR3
12 unique J



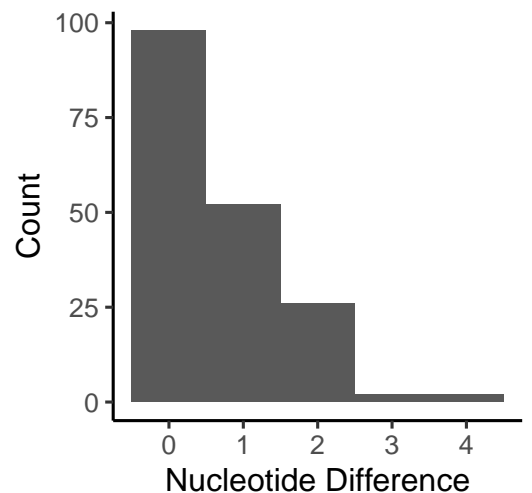
TRBV12-1*01

1 sequences assigned
No exact matches.



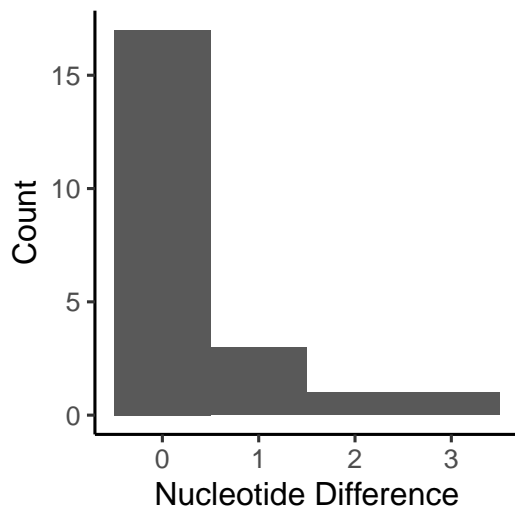
TRBV12-4*01

180 sequences assigned
98 (54.4%) exact matches, in which:
93 unique CDR3
13 unique J



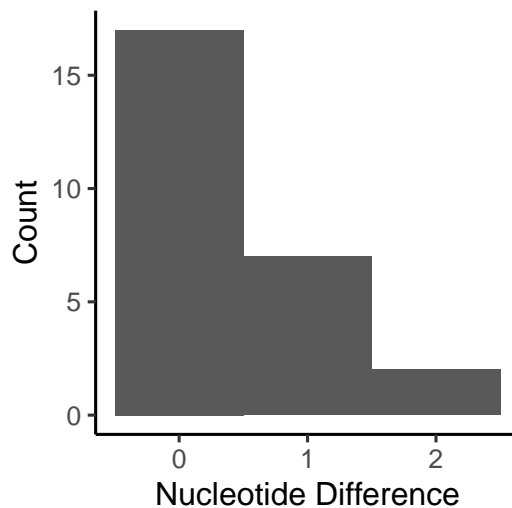
TRBV12-5*01

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



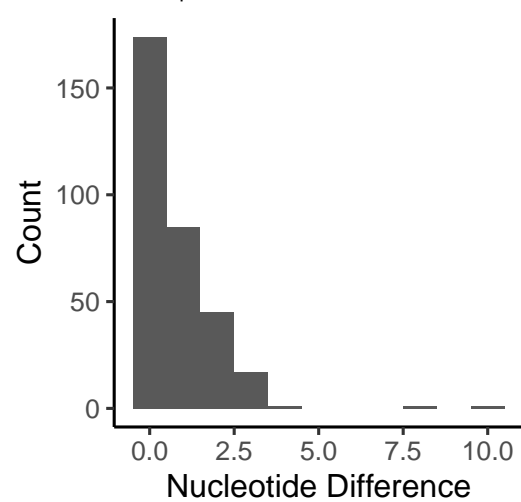
TRBV23-1*01

26 sequences assigned
17 (65.4%) exact matches, in which:
17 unique CDR3
7 unique J



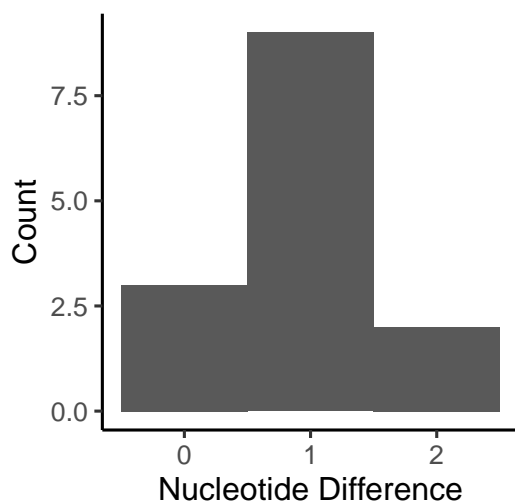
TRBV4-1*01

324 sequences assigned
174 (53.7%) exact matches, in which:
158 unique CDR3
13 unique J



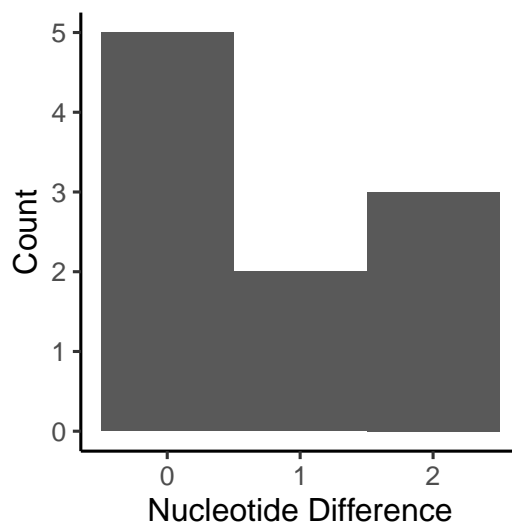
TRBV12-5*01_C28G

14 sequences assigned
3 (21.4%) exact matches, in which:
2 unique CDR3
2 unique J



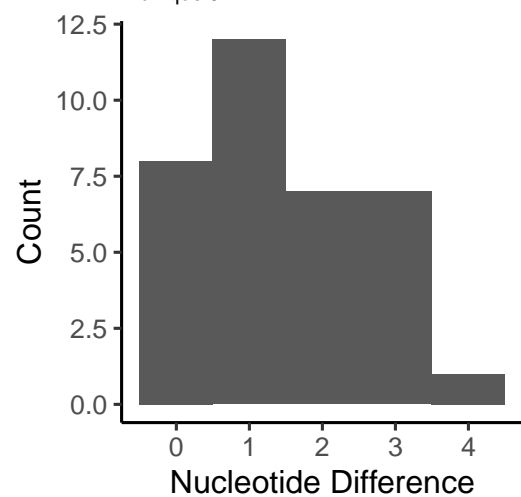
TRBV3-2*01

10 sequences assigned
5 (50%) exact matches, in which:
4 unique CDR3
3 unique J



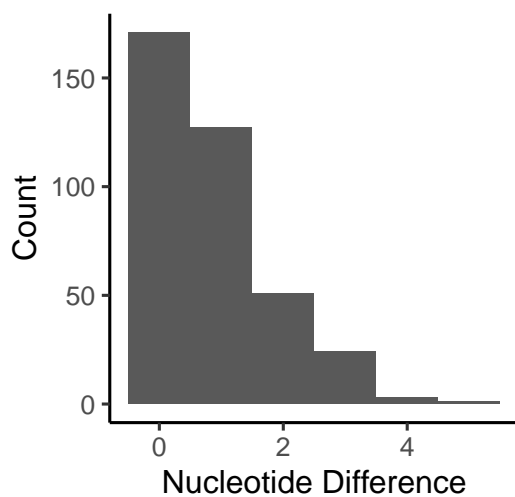
TRBV24-1*02

35 sequences assigned
8 (22.9%) exact matches, in which:
8 unique CDR3
4 unique J



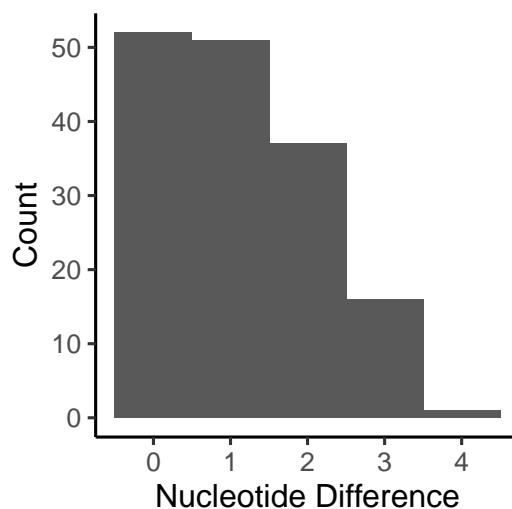
TRBV3-1*01

377 sequences assigned
171 (45.4%) exact matches, in which:
139 unique CDR3
14 unique J



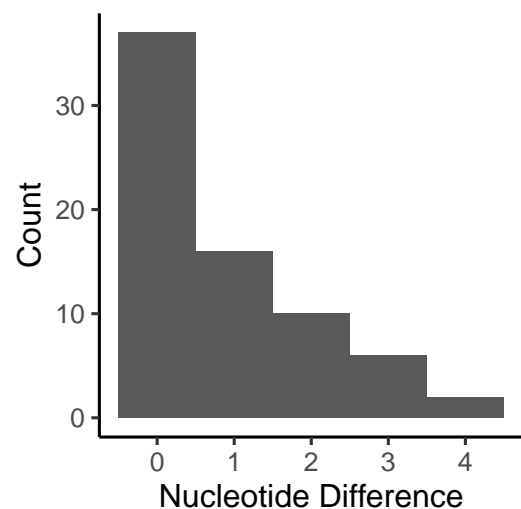
TRBV24-1*01

157 sequences assigned
52 (33.1%) exact matches, in which:
25 unique CDR3
7 unique J



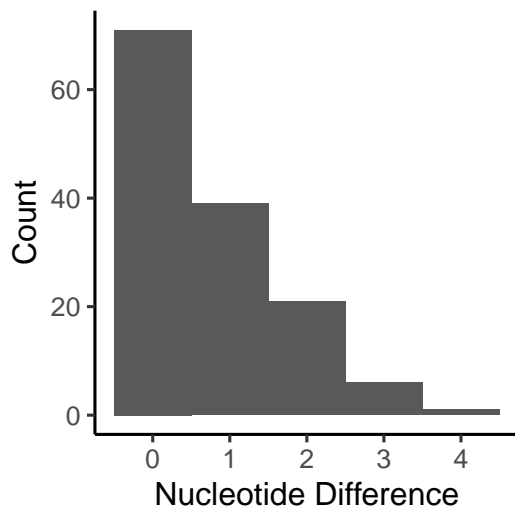
TRBV4-2*01

71 sequences assigned
37 (52.1%) exact matches, in which:
37 unique CDR3
11 unique J



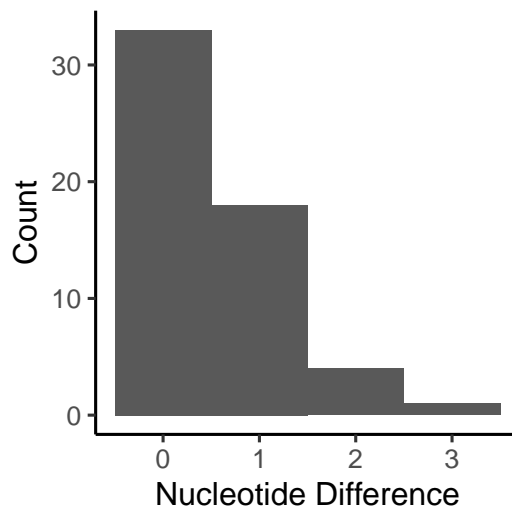
TRBV4-3*01

138 sequences assigned
71 (51.4%) exact matches, in which:
60 unique CDR3
13 unique J



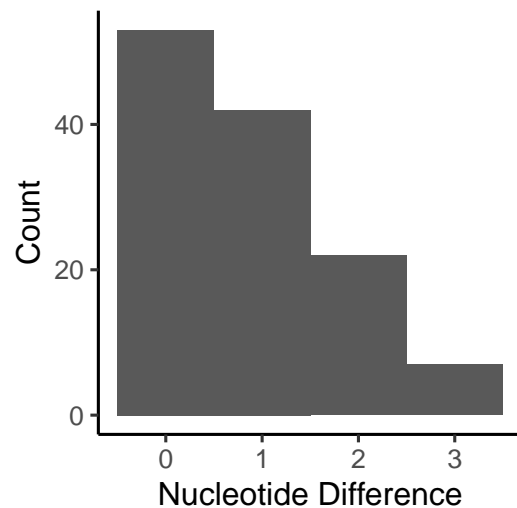
TRBV5-4*01

56 sequences assigned
33 (58.9%) exact matches, in which:
30 unique CDR3
10 unique J



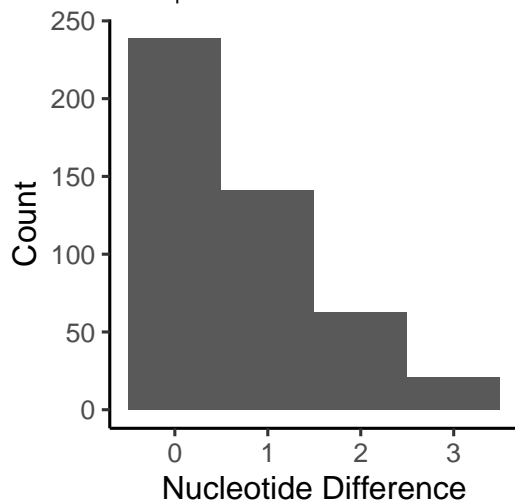
TRBV5-6*01

124 sequences assigned
53 (42.7%) exact matches, in which:
44 unique CDR3
13 unique J



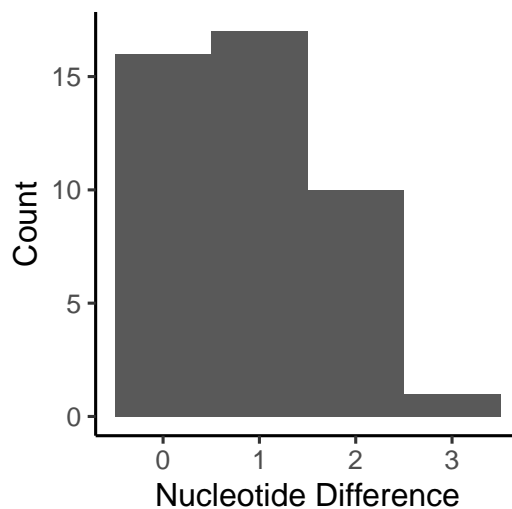
TRBV5-1*01

464 sequences assigned
239 (51.5%) exact matches, in which:
196 unique CDR3
14 unique J



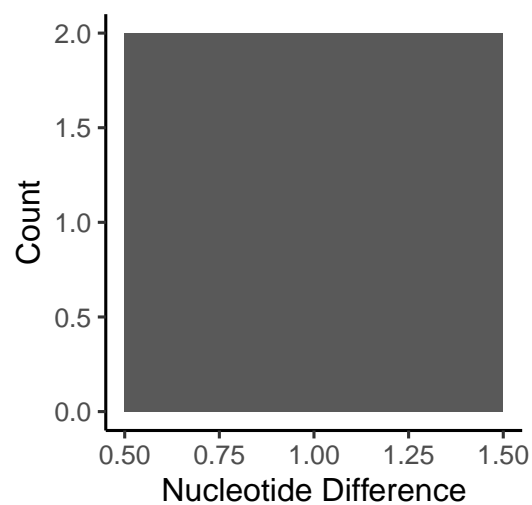
TRBV5-5*01

44 sequences assigned
16 (36.4%) exact matches, in which:
16 unique CDR3
10 unique J



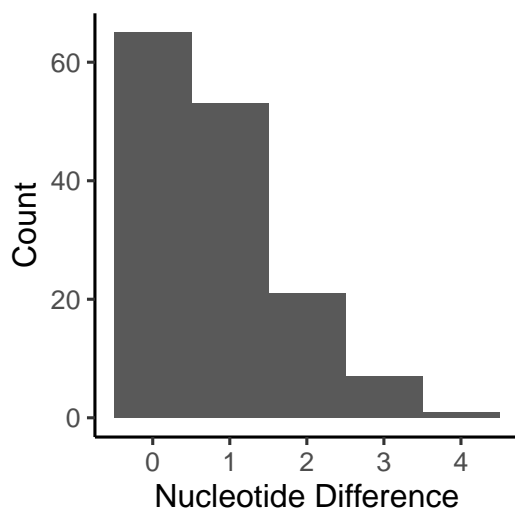
TRBV5-7*01

2 sequences assigned
No exact matches.



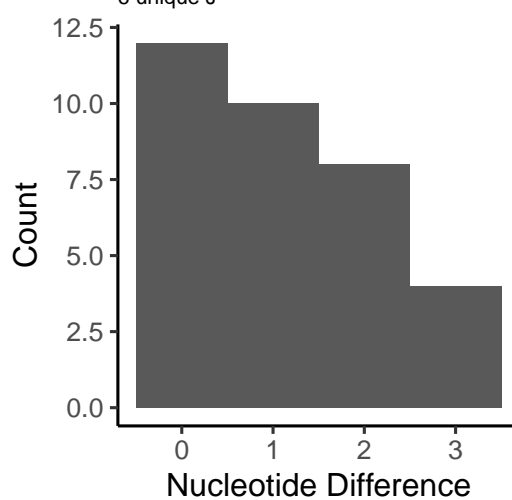
TRBV25-1*01

147 sequences assigned
65 (44.2%) exact matches, in which:
37 unique CDR3
12 unique J



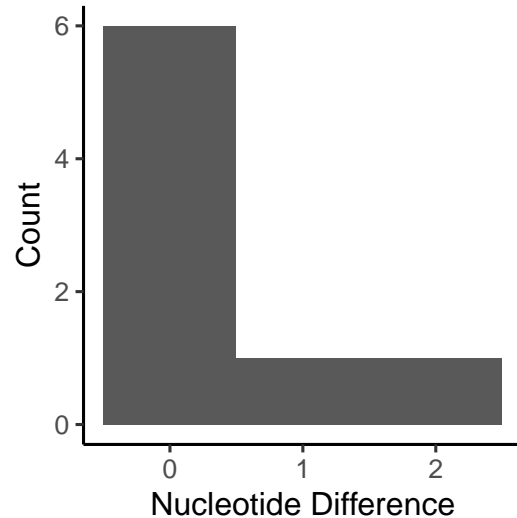
TRBV5-5*02

34 sequences assigned
12 (35.3%) exact matches, in which:
8 unique CDR3
6 unique J



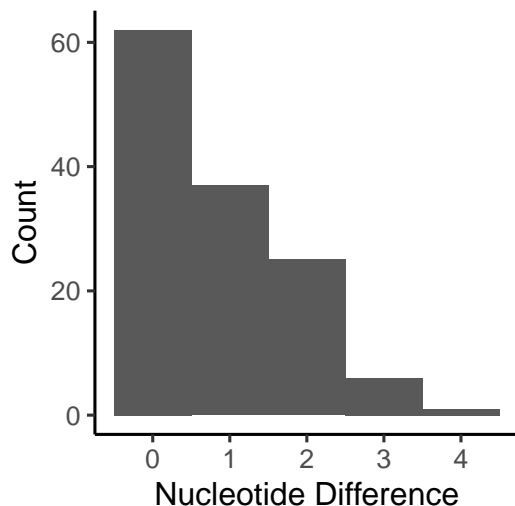
TRBV5-8*01_C56T_C276T

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



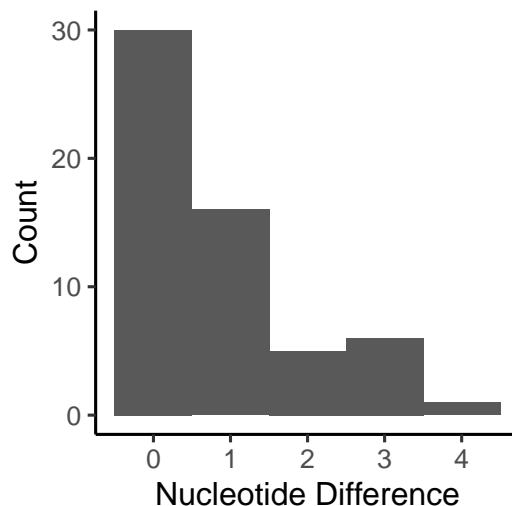
TRBV6-1*01

131 sequences assigned
62 (47.3%) exact matches, in which:
52 unique CDR3
12 unique J



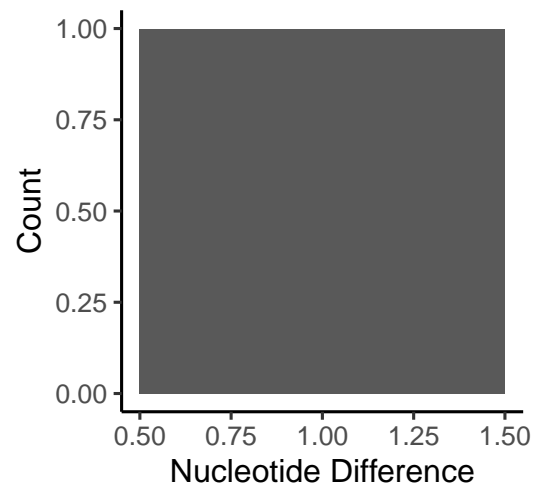
TRBV6-6*01

58 sequences assigned
30 (51.7%) exact matches, in which:
29 unique CDR3
10 unique J



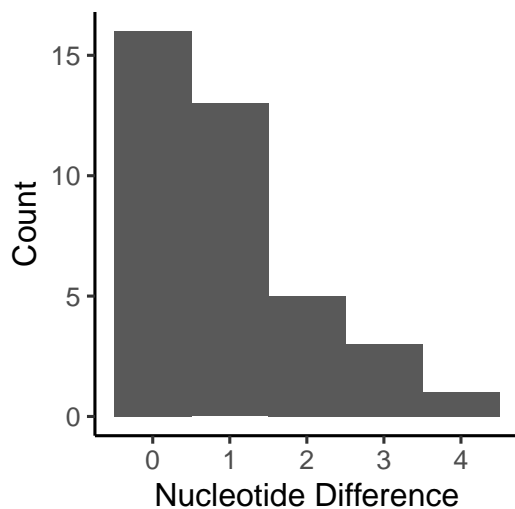
TRBV6-8*01

1 sequences assigned
No exact matches.



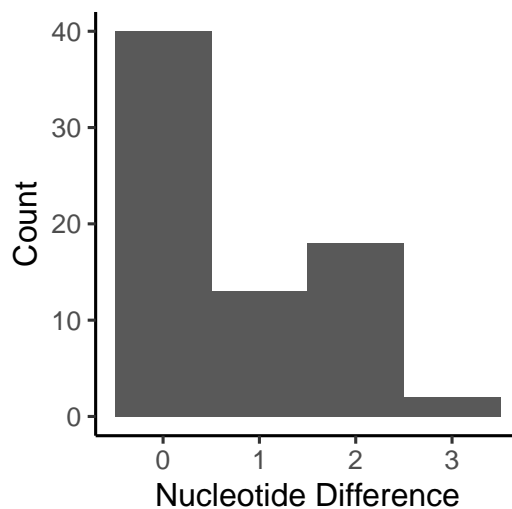
TRBV6-4*01

38 sequences assigned
16 (42.1%) exact matches, in which:
14 unique CDR3
5 unique J



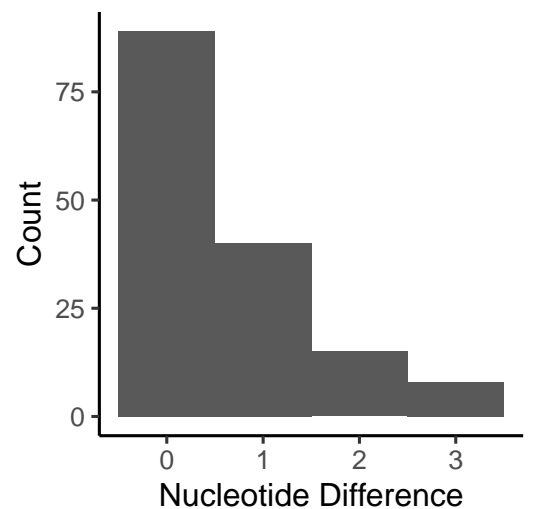
TRBV6-6*02

73 sequences assigned
40 (54.8%) exact matches, in which:
36 unique CDR3
10 unique J



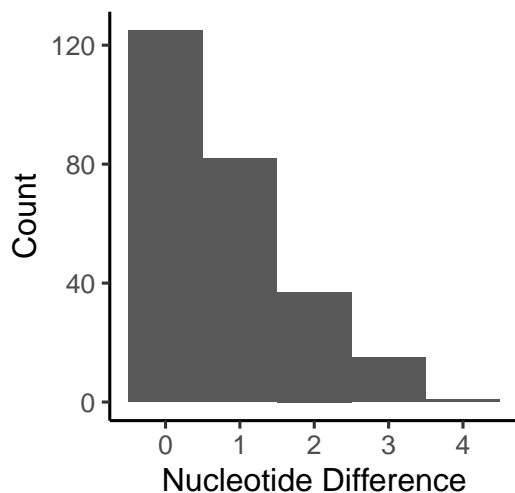
TRBV6-23*01

152 sequences assigned
89 (58.6%) exact matches, in which:
75 unique CDR3
12 unique J



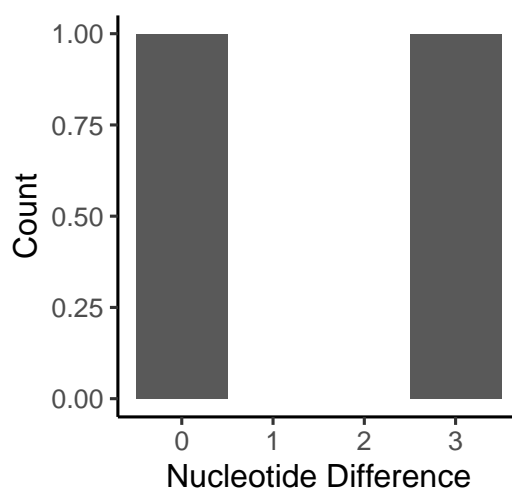
TRBV6-5*01

261 sequences assigned
125 (47.9%) exact matches, in which:
91 unique CDR3
14 unique J



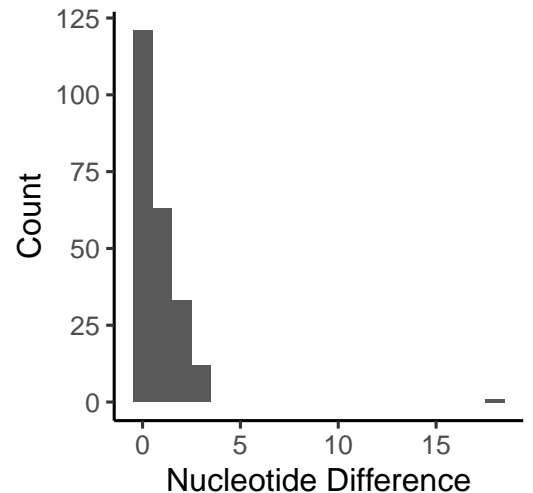
TRBV6-7*01

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



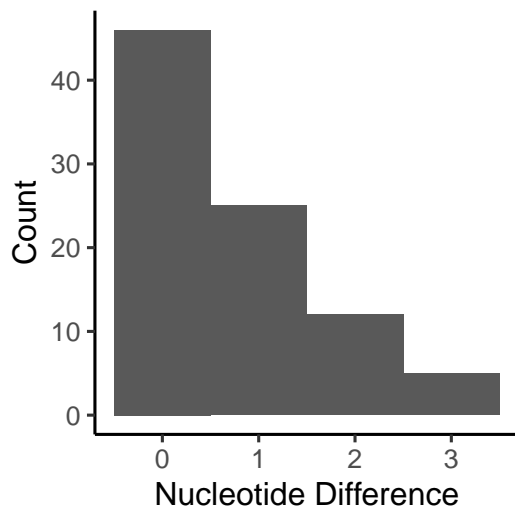
TRBV7-2*01

230 sequences assigned
121 (52.6%) exact matches, in which:
87 unique CDR3
12 unique J



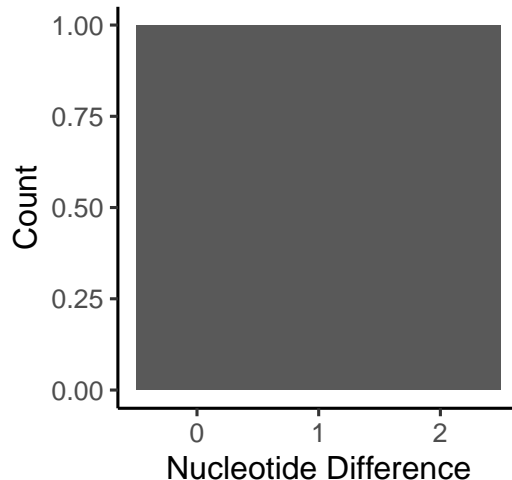
TRBV7-2*02

88 sequences assigned
46 (52.3%) exact matches, in which:
35 unique CDR3
10 unique J



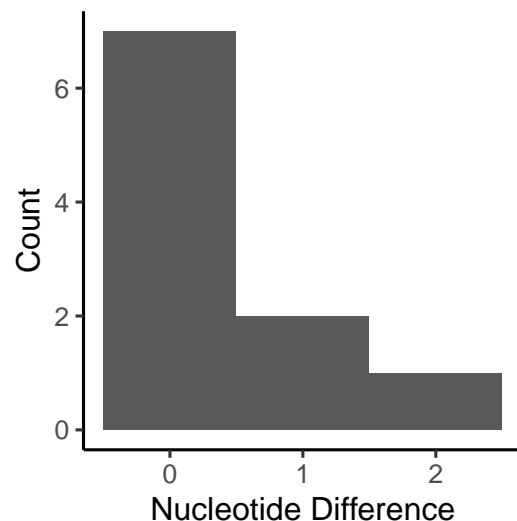
TRBV7-4*01

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



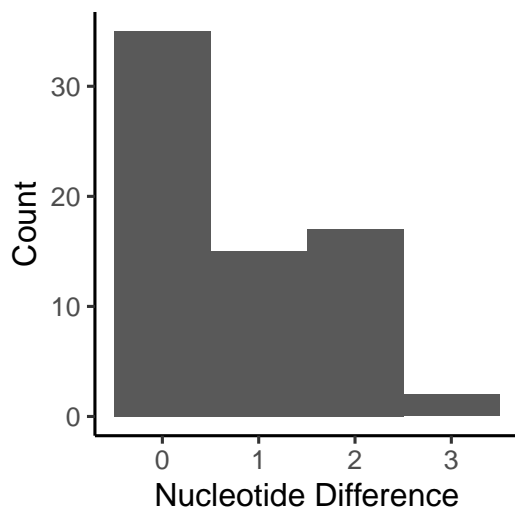
TRBV7-7*01_C315T

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



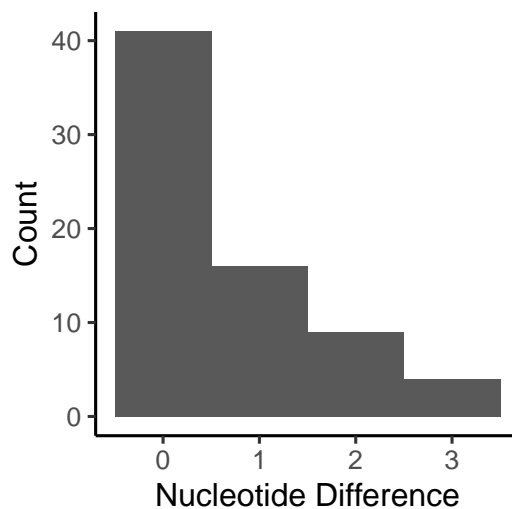
TRBV7-3*01

69 sequences assigned
35 (50.7%) exact matches, in which:
32 unique CDR3
9 unique J



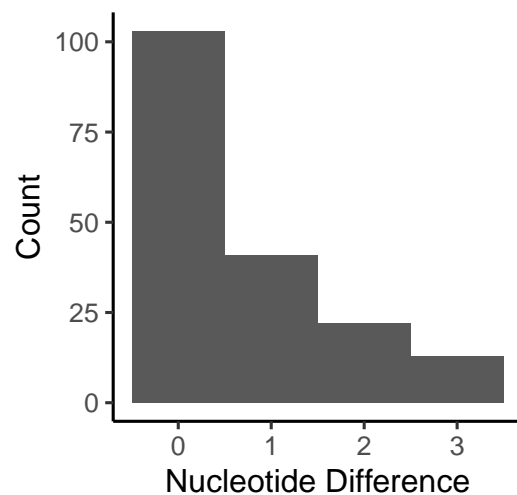
TRBV7-6*01

71 sequences assigned
41 (57.7%) exact matches, in which:
37 unique CDR3
10 unique J



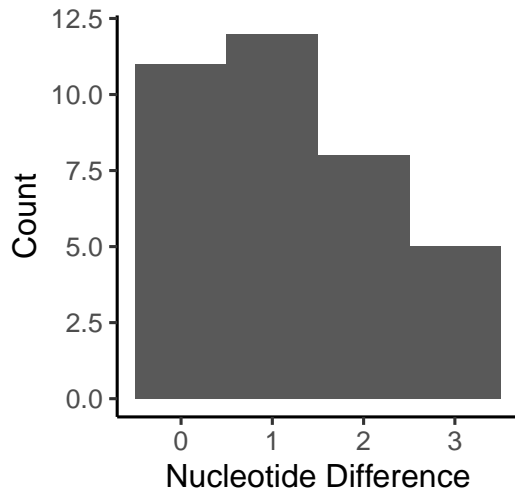
TRBV7-8*01

179 sequences assigned
103 (57.5%) exact matches, in which:
80 unique CDR3
12 unique J



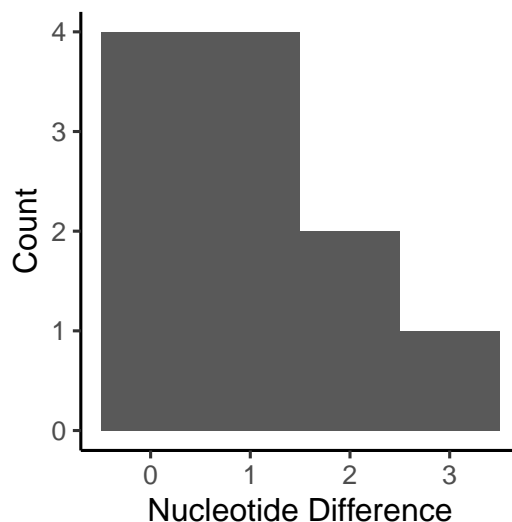
TRBV7-3*02

36 sequences assigned
11 (30.6%) exact matches, in which:
3 unique CDR3
3 unique J



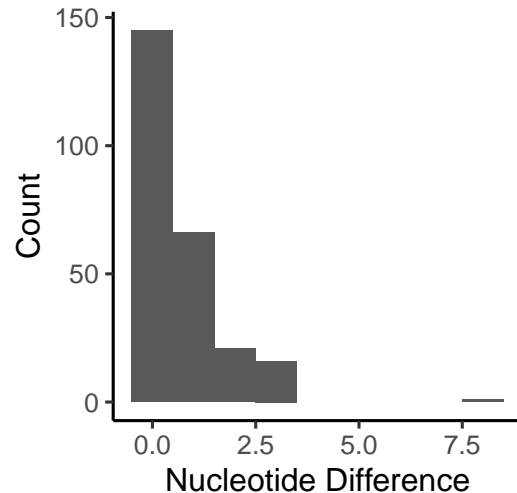
TRBV7-7*01

11 sequences assigned
4 (36.4%) exact matches, in which:
4 unique CDR3
2 unique J



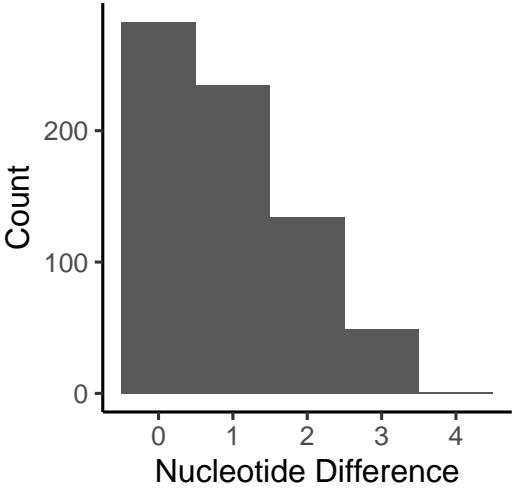
TRBV7-9*03

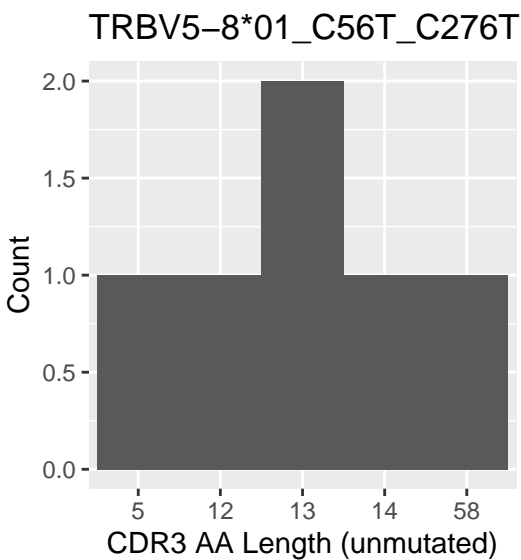
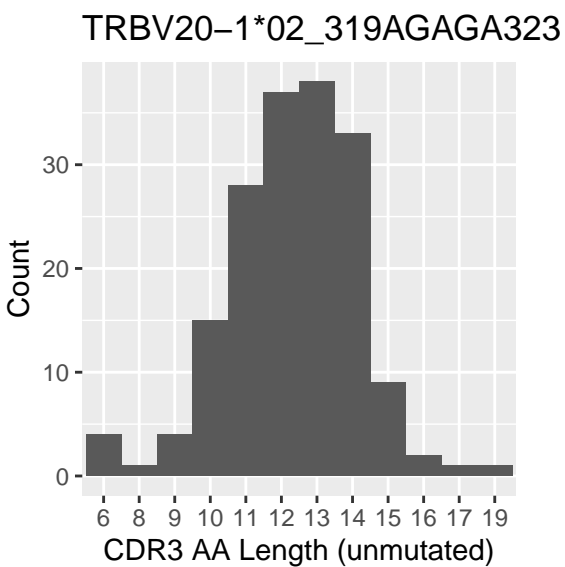
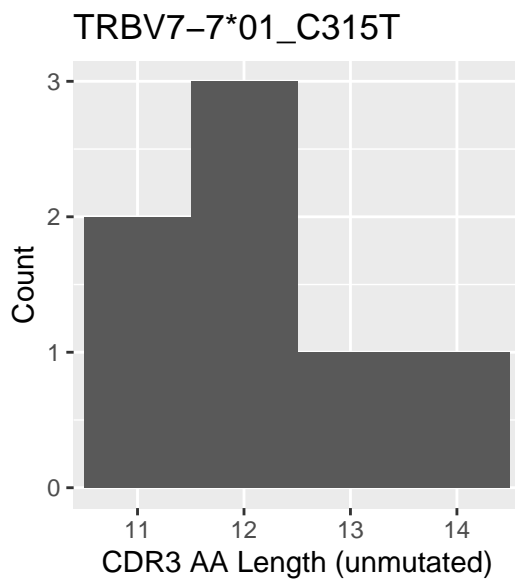
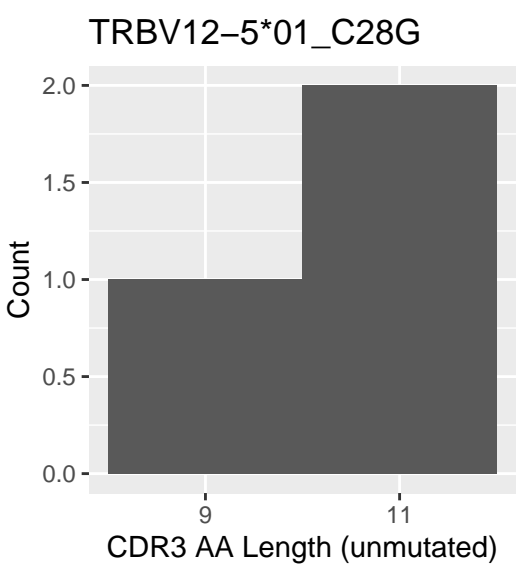
249 sequences assigned
145 (58.2%) exact matches, in which:
134 unique CDR3
13 unique J

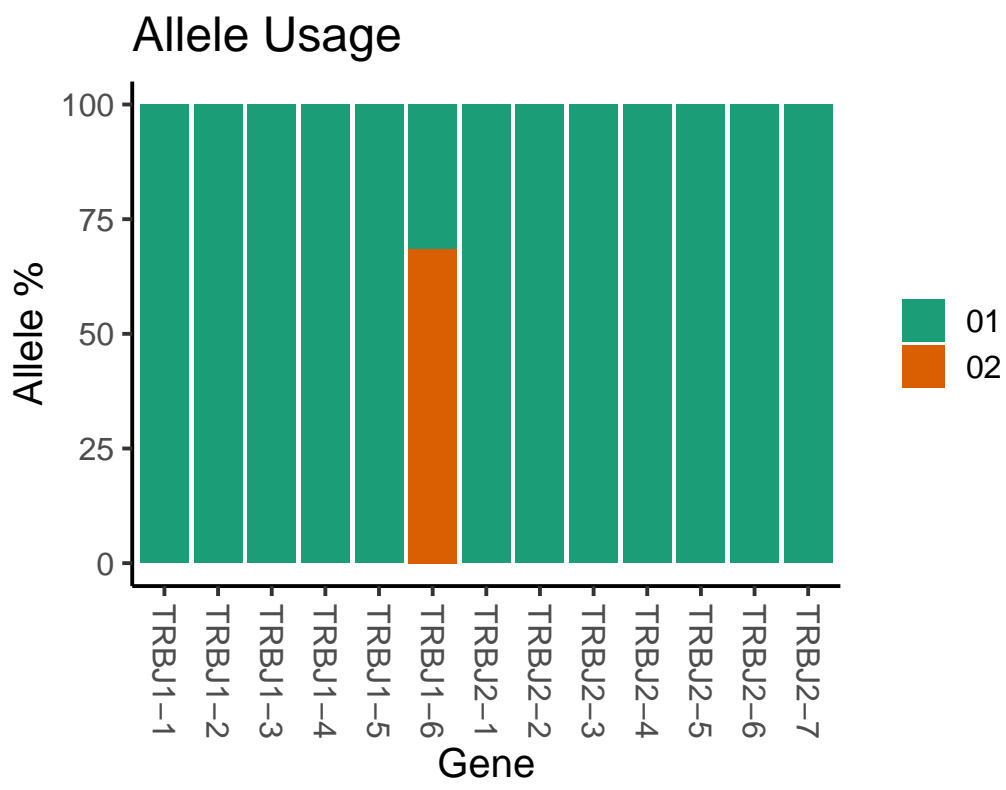


TRBV29-1*01

703 sequences assigned
283 (40.3%) exact matches, in which:
216 unique CDR3
13 unique J







Sequence Count by TRBJ1–6 allele usage

