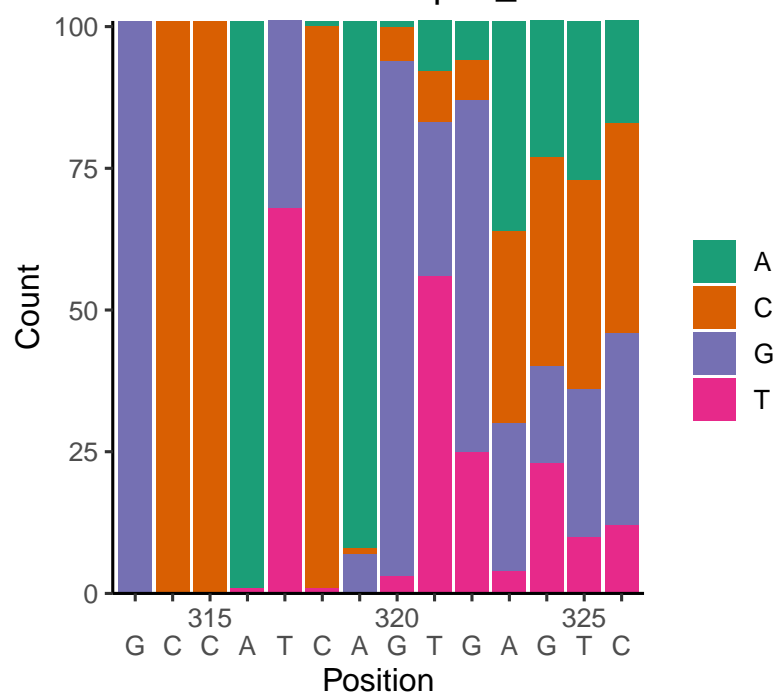
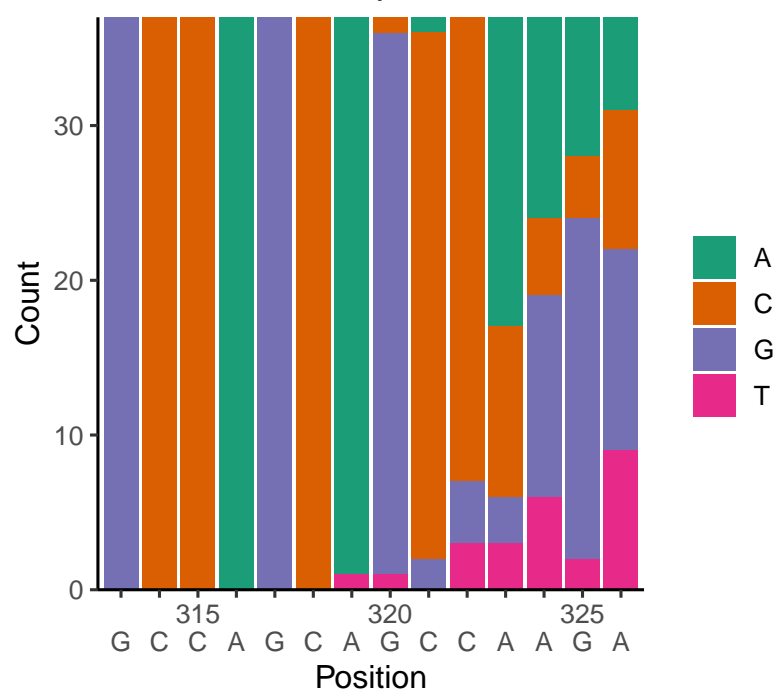


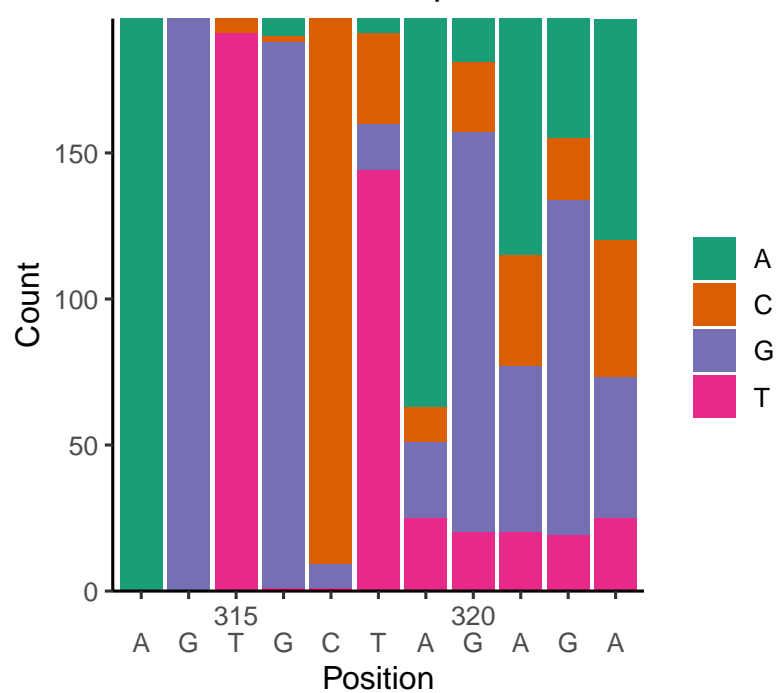
Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326



Gene TRBV14*bp02_322CAAGA326



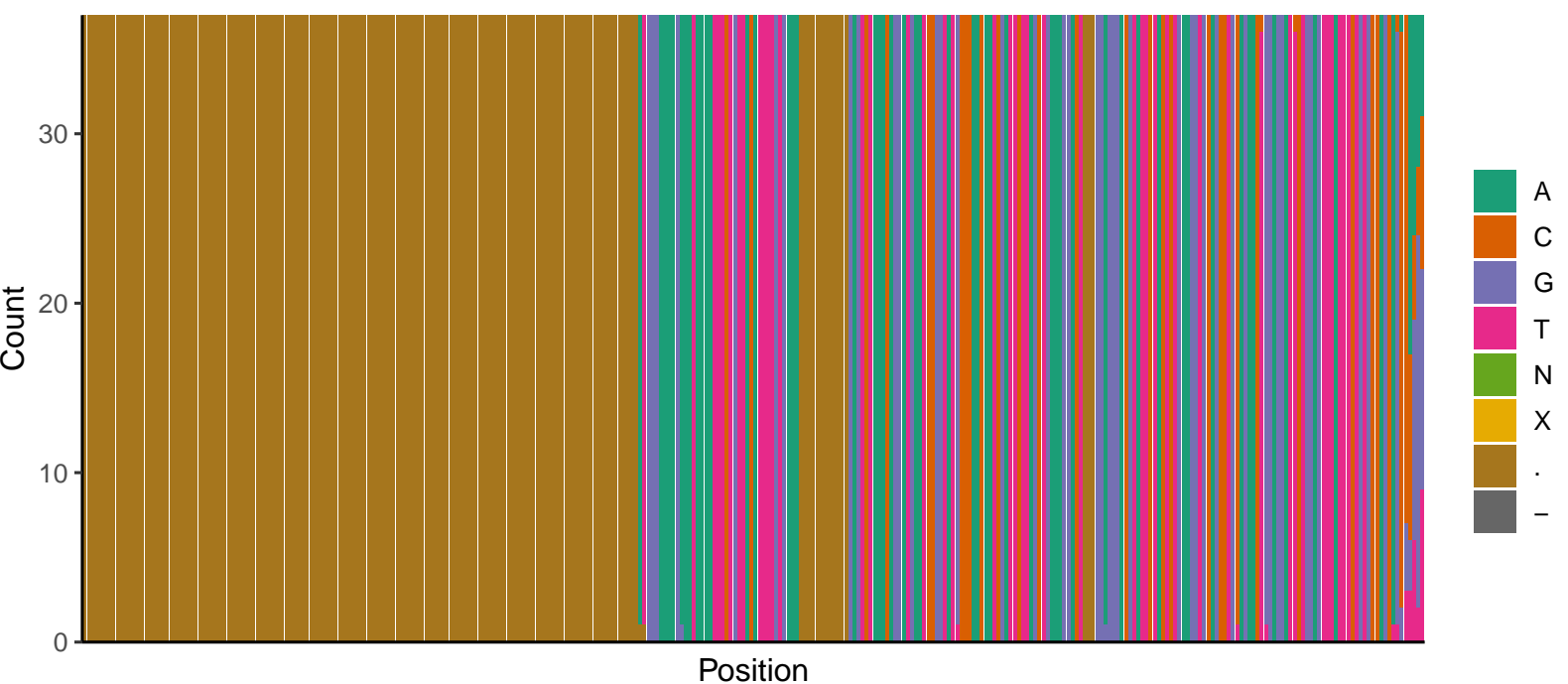
Gene TRBV20-1*bp04_322GA323



Gene TRBV10–3*bp02_313GCCATCAGTGAGTC326



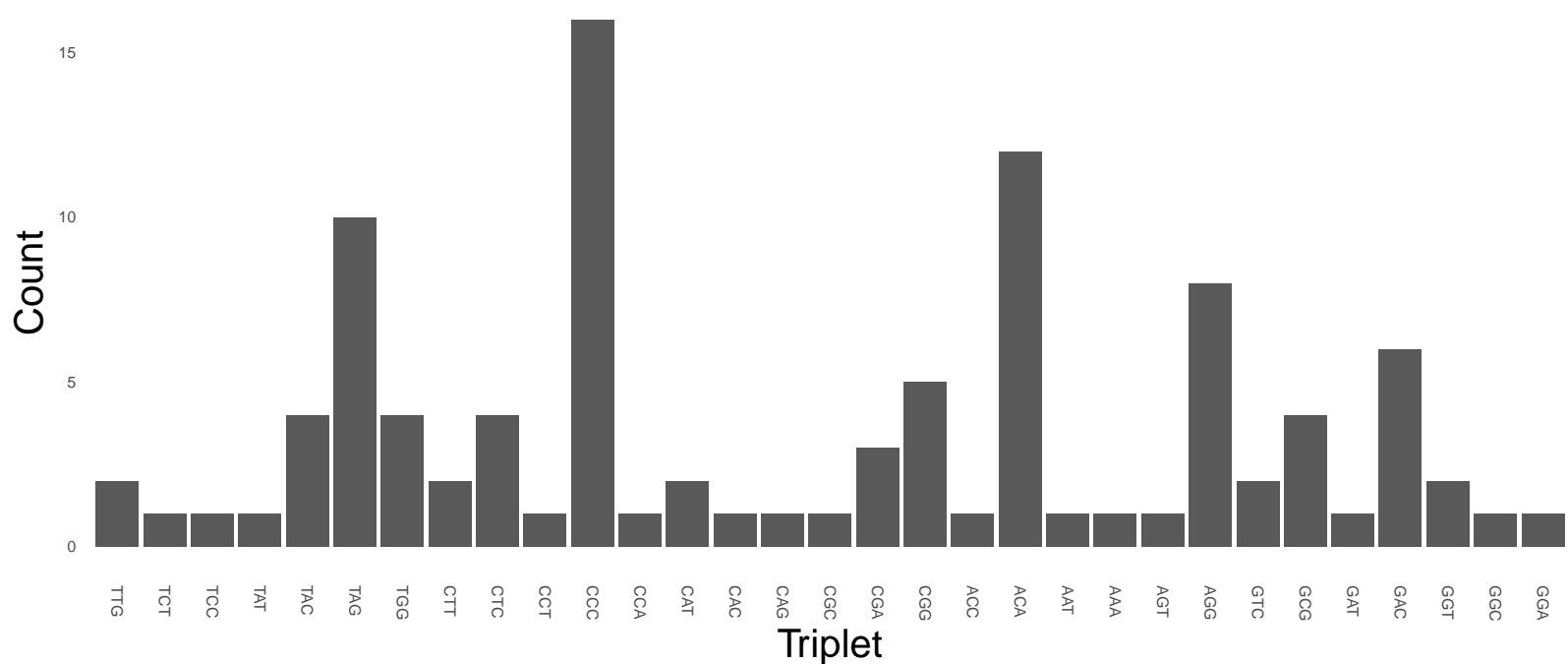
Gene TRBV14*bp02_322CAAGA326



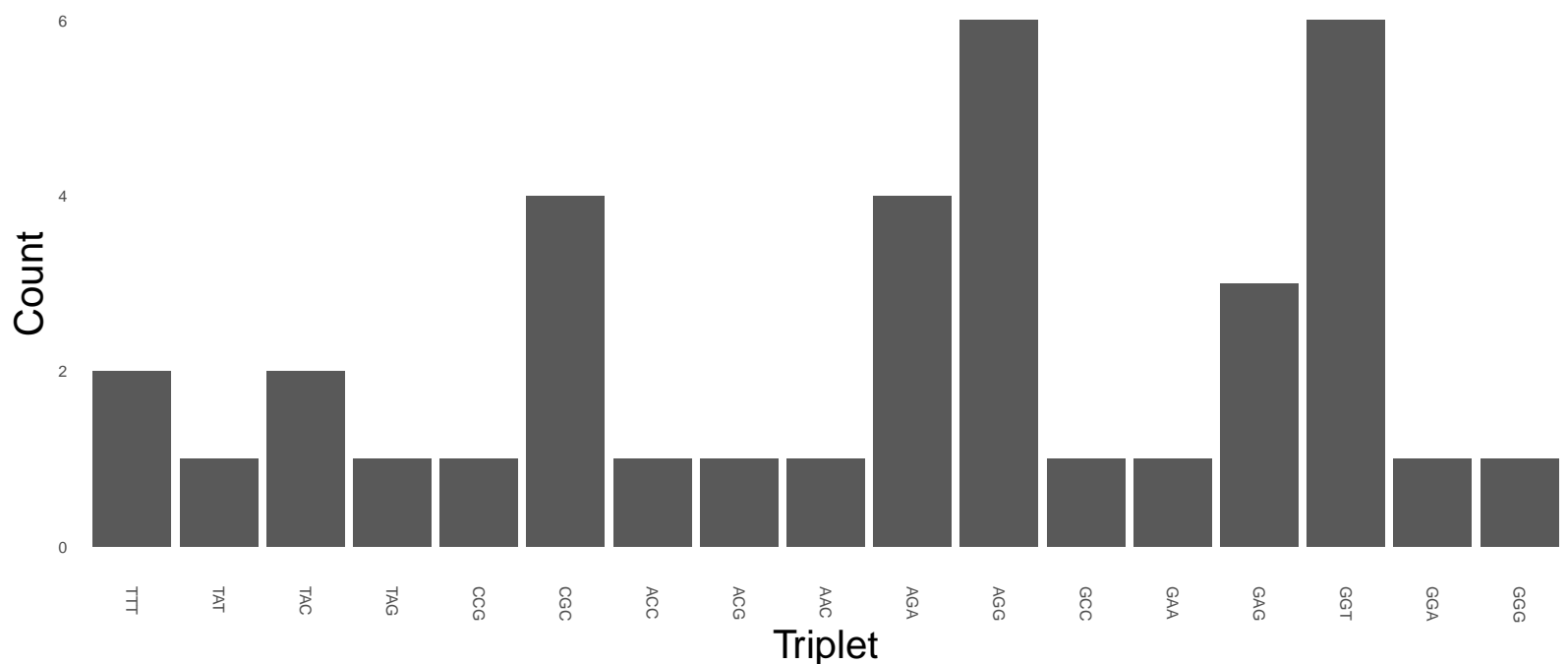
Gene TRBV20–1*bp04_322GA323



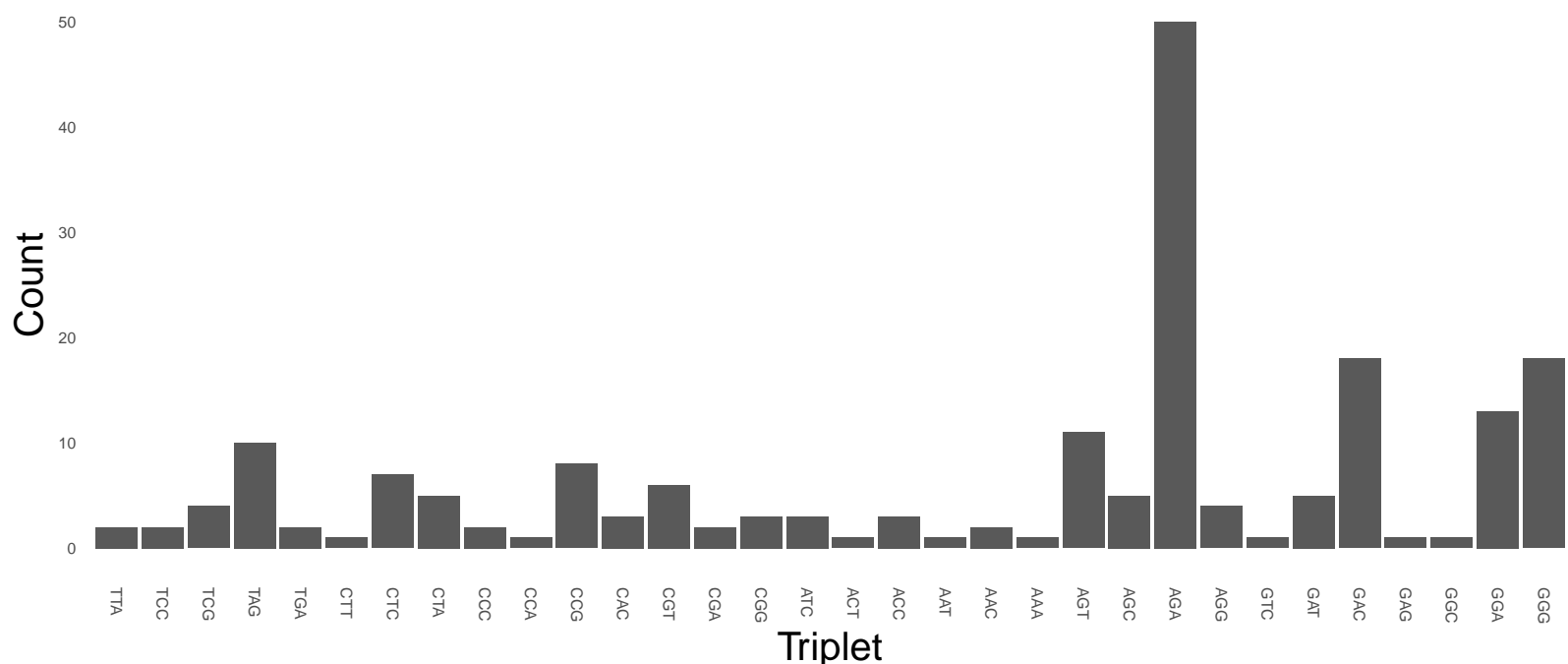
TRBV10–3*bp02_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



TRBV14*bp02_322CAAGA326– Final 3 nucleotides as a triplet

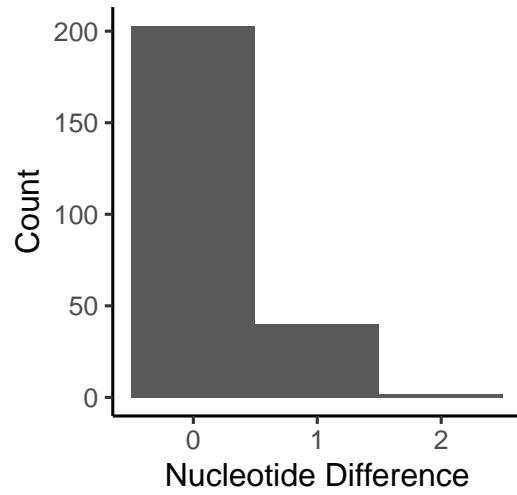


TRBV20–1*bp04_322GA323– Final 3 nucleotides as a triplet



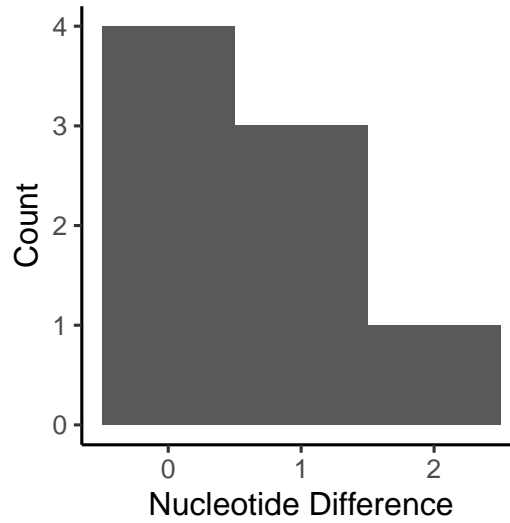
TRBV20–1*bp01

245 sequences assigned
203 (82.9%) exact matches, in which:
111 unique CDR3
12 unique J



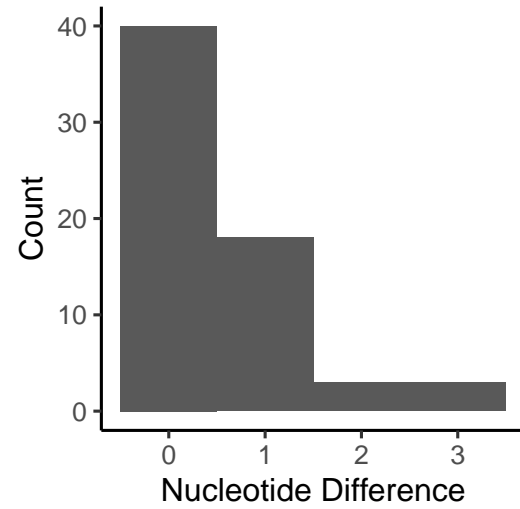
TRBV10–2*bp01

8 sequences assigned
4 (50%) exact matches, in which:
2 unique CDR3
2 unique J



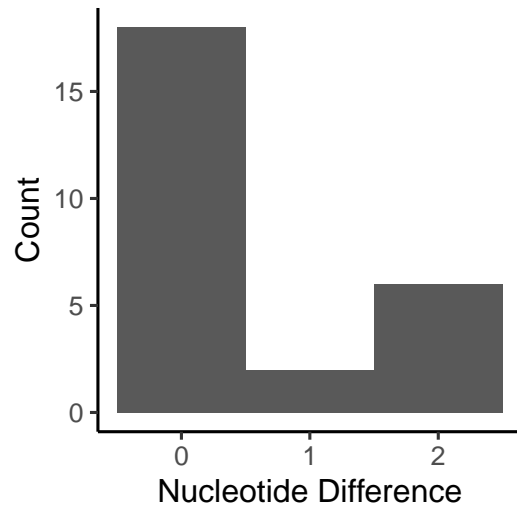
TRBV13*bp01

64 sequences assigned
40 (62.5%) exact matches, in which:
28 unique CDR3
6 unique J



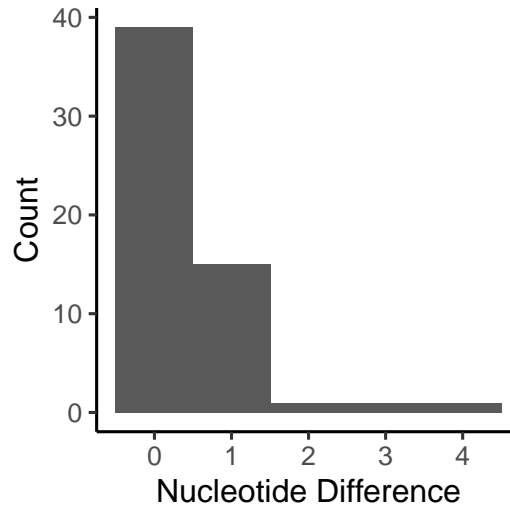
TRBV10–1*bp01

26 sequences assigned
18 (69.2%) exact matches, in which:
13 unique CDR3
5 unique J



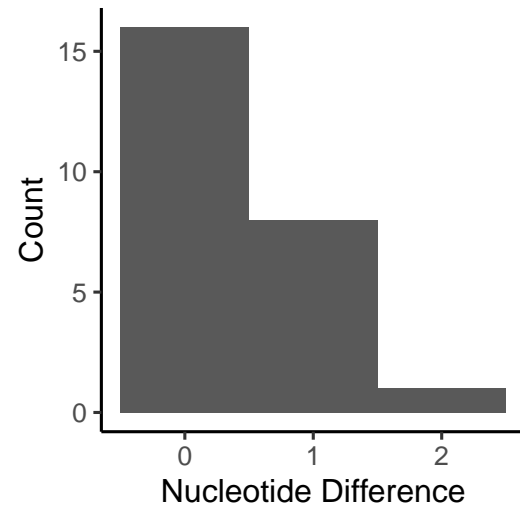
TRBV10–3*bp01

57 sequences assigned
39 (68.4%) exact matches, in which:
31 unique CDR3
11 unique J



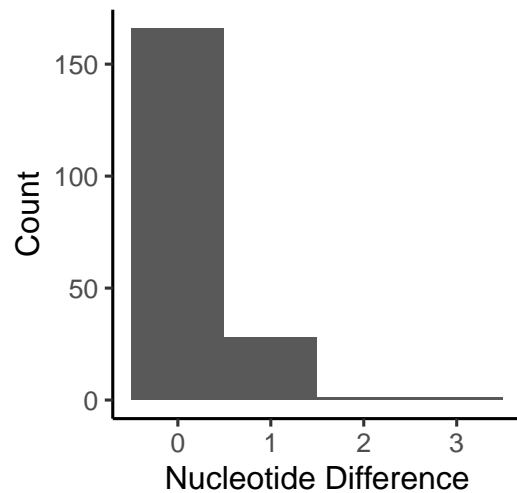
TRBV14*bp01

25 sequences assigned
16 (64%) exact matches, in which:
15 unique CDR3
8 unique J



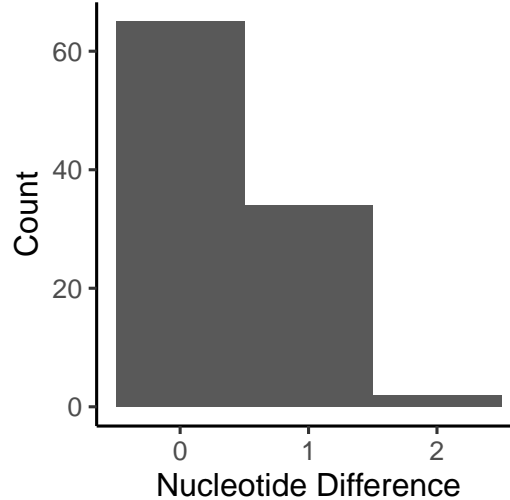
TRBV20–1*bp04_322GA:

196 sequences assigned
166 (84.7%) exact matches, in which:
88 unique CDR3
12 unique J



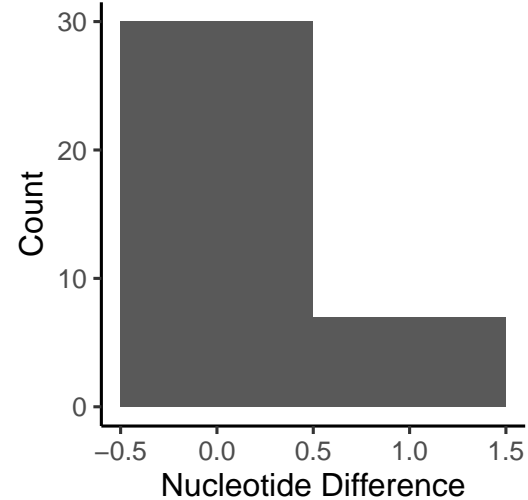
TRBV10–3*bp02_313GCC

101 sequences assigned
65 (64.4%) exact matches, in which:
53 unique CDR3
11 unique J



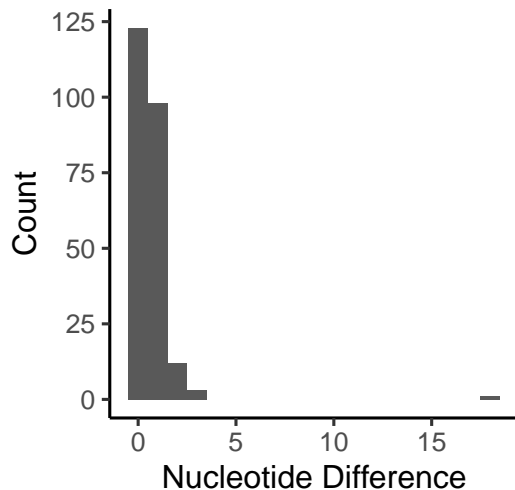
TRBV14*bp02_322CAAGA:

37 sequences assigned
30 (81.1%) exact matches, in which:
25 unique CDR3
9 unique J



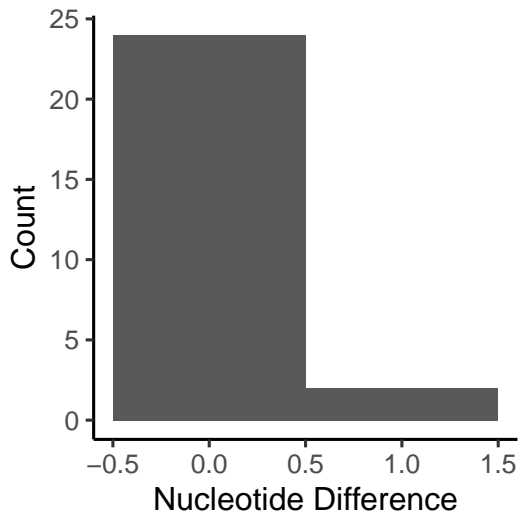
TRBV15*bp02

237 sequences assigned
123 (51.9%) exact matches, in which:
62 unique CDR3
9 unique J



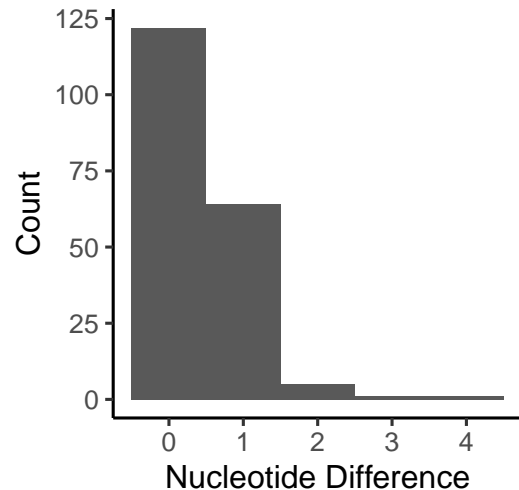
TRBV2*bp01

26 sequences assigned
24 (92.3%) exact matches, in which:
21 unique CDR3
9 unique J



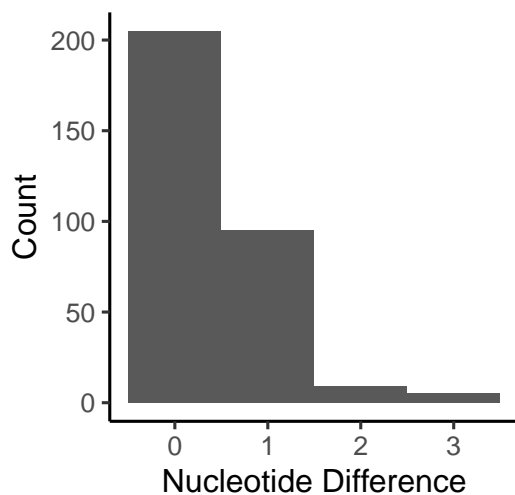
TRBV30*bp01

193 sequences assigned
122 (63.2%) exact matches, in which:
51 unique CDR3
9 unique J



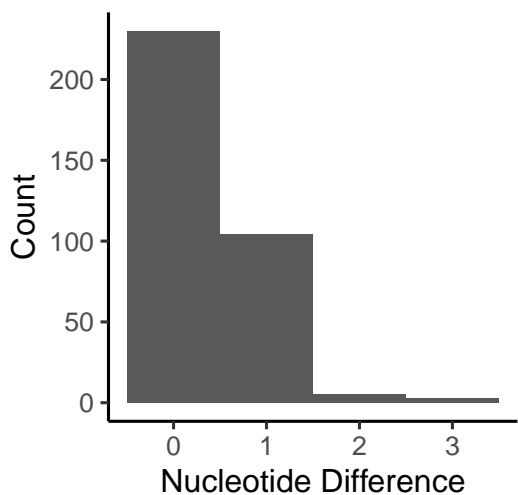
TRBV18*bp01

314 sequences assigned
205 (65.3%) exact matches, in which:
104 unique CDR3
9 unique J



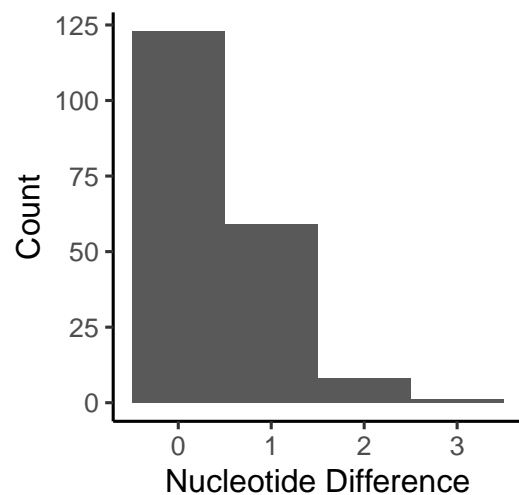
TRBV27*bp01

342 sequences assigned
230 (67.3%) exact matches, in which:
185 unique CDR3
13 unique J



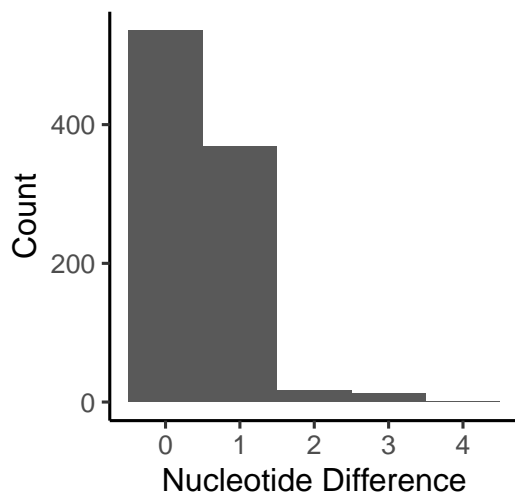
TRBV30*bp02

191 sequences assigned
123 (64.4%) exact matches, in which:
60 unique CDR3
11 unique J



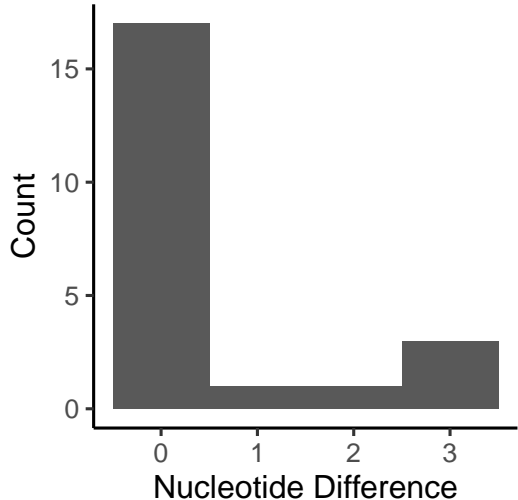
TRBV19*bp01

935 sequences assigned
536 (57.3%) exact matches, in which:
283 unique CDR3
13 unique J



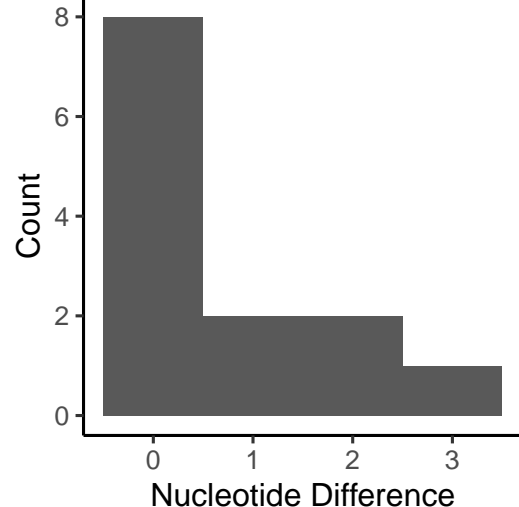
TRBV28*bp01

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



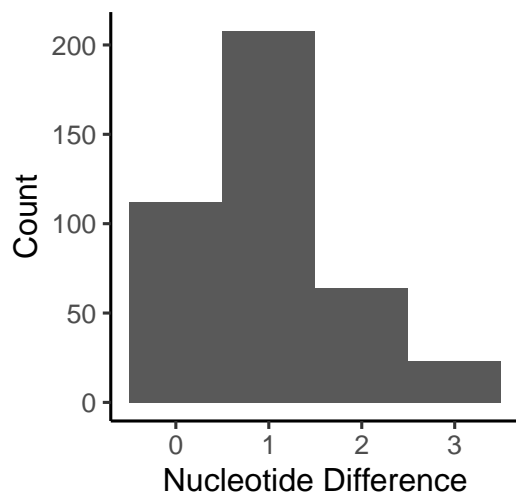
TRBV9*bp01

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



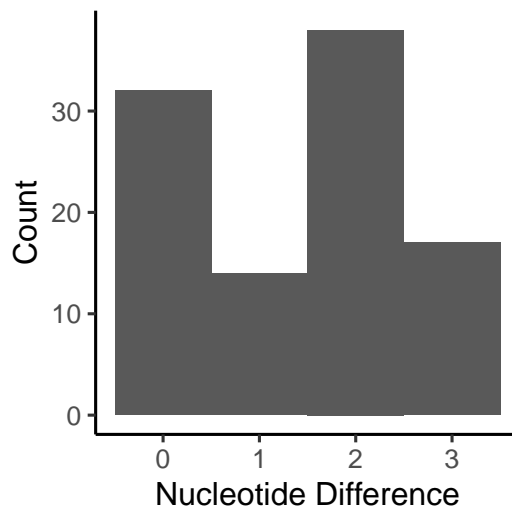
TRBV11–1*bp01

407 sequences assigned
112 (27.5%) exact matches, in which:
67 unique CDR3
10 unique J



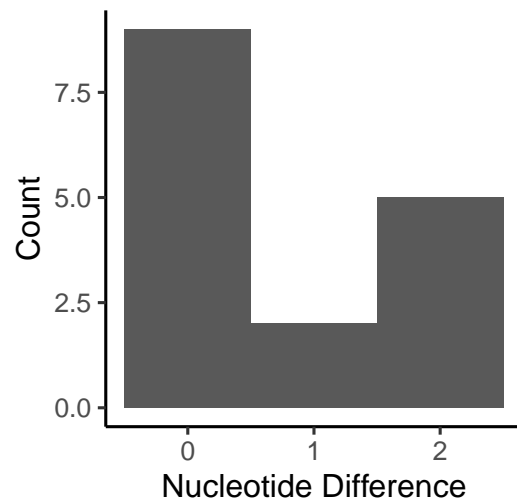
TRBV11–2*bp01

101 sequences assigned
32 (31.7%) exact matches, in which:
29 unique CDR3
9 unique J



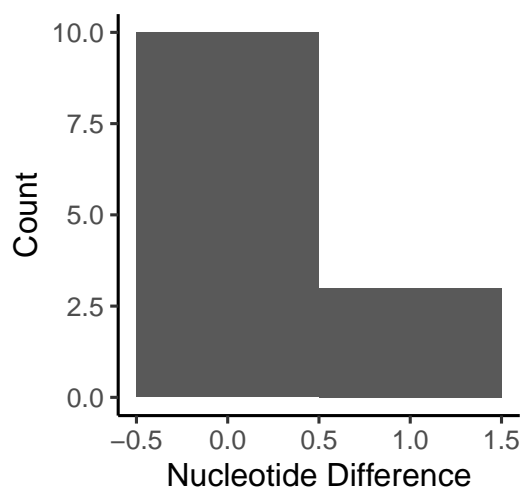
TRBV12–5*bp01

16 sequences assigned
9 (56.2%) exact matches, in which:
6 unique CDR3
6 unique J



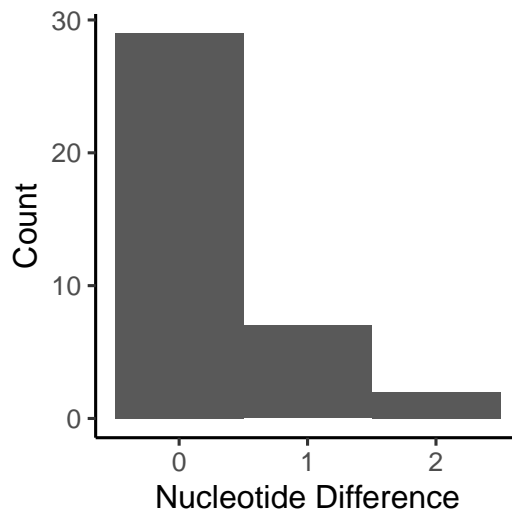
TRBV21–1*bp01

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



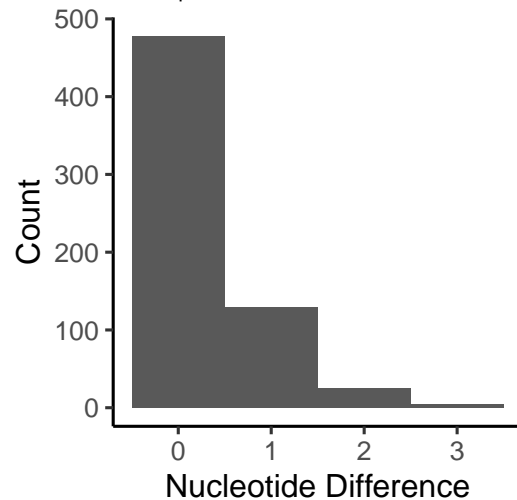
TRBV11–2*bp03

38 sequences assigned
29 (76.3%) exact matches, in which:
21 unique CDR3
9 unique J



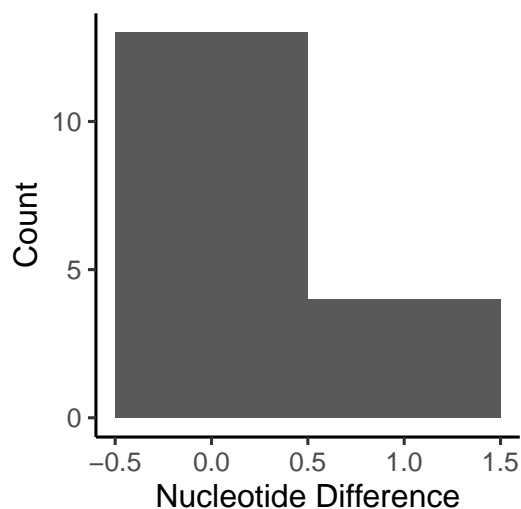
TRBV12–34*bp01

636 sequences assigned
478 (75.2%) exact matches, in which:
233 unique CDR3
13 unique J



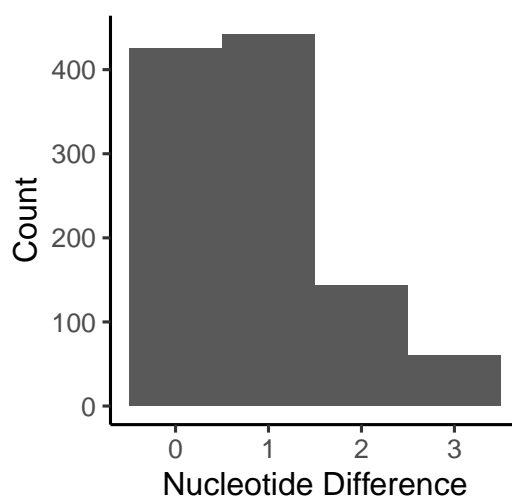
TRBV21–1*bp02

17 sequences assigned
13 (76.5%) exact matches, in which:
9 unique CDR3
6 unique J



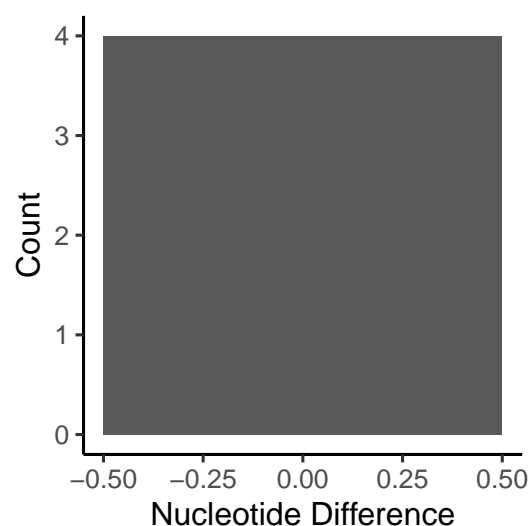
TRBV11–3*bp01

1070 sequences assigned
425 (39.7%) exact matches, in which:
252 unique CDR3
13 unique J



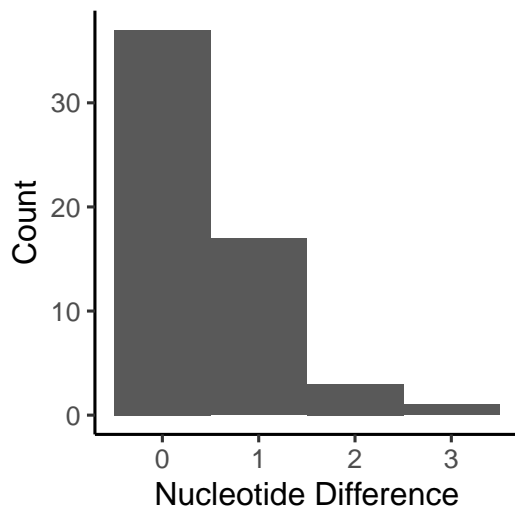
TRBV23–1*bp01

4 sequences assigned
4 (100%) exact matches, in which:
4 unique CDR3
2 unique J



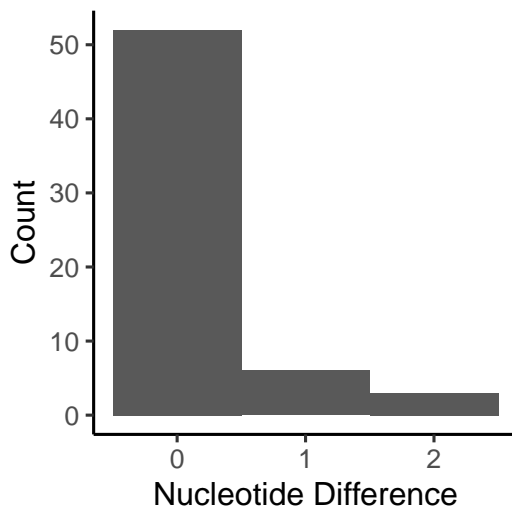
TRBV24–1*bp01

58 sequences assigned
37 (63.8%) exact matches, in which:
29 unique CDR3
11 unique J



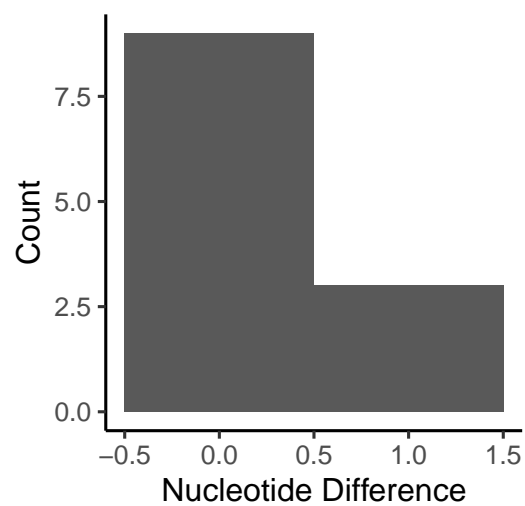
TRBV4–2*bp01

61 sequences assigned
52 (85.2%) exact matches, in which:
44 unique CDR3
10 unique J



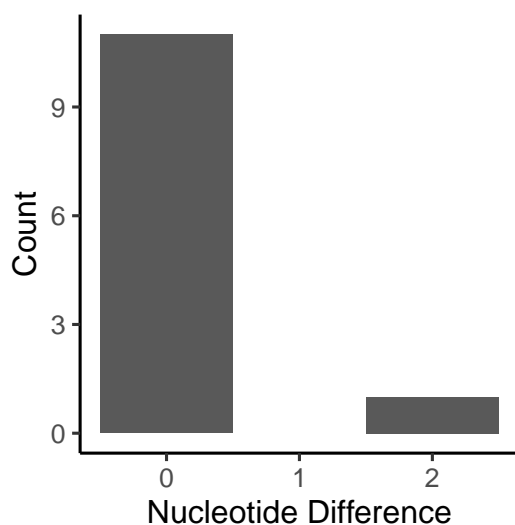
TRBV25–1*bp01

12 sequences assigned
9 (75%) exact matches, in which:
7 unique CDR3
4 unique J



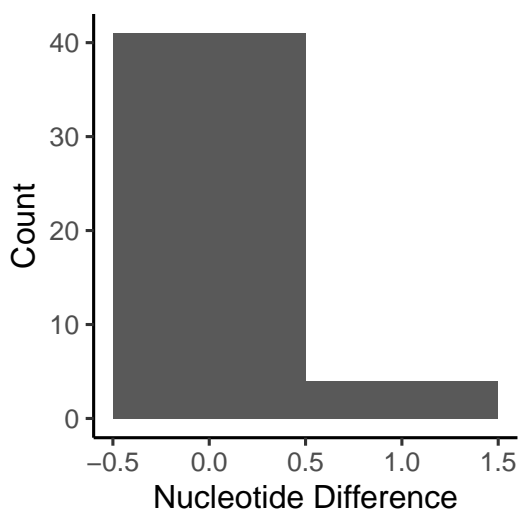
TRBV4–1*bp01

12 sequences assigned
11 (91.7%) exact matches, in which:
9 unique CDR3
6 unique J



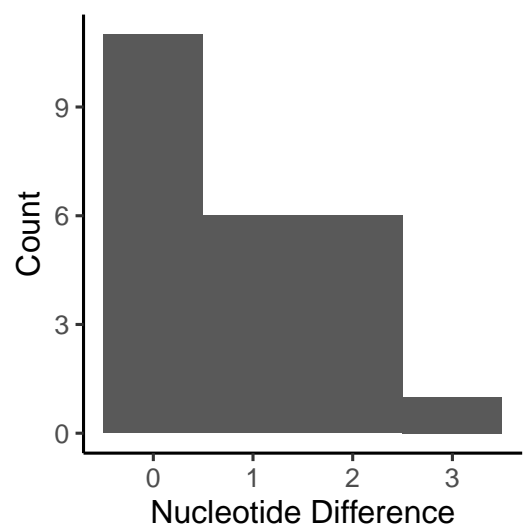
TRBV4–3*bp01

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



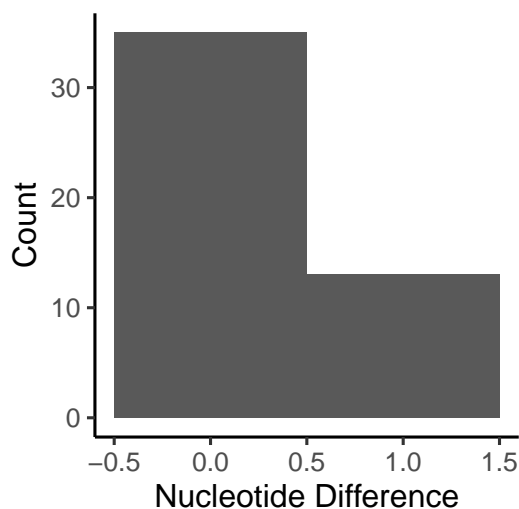
TRBV5–3*bp01

24 sequences assigned
11 (45.8%) exact matches, in which:
7 unique CDR3
5 unique J



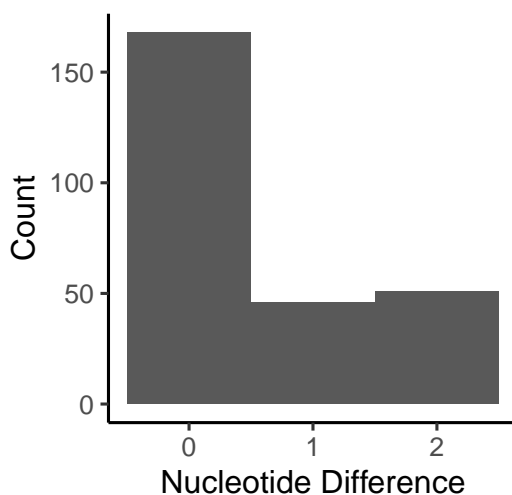
TRBV24–1*bp02

48 sequences assigned
35 (72.9%) exact matches, in which:
27 unique CDR3
10 unique J



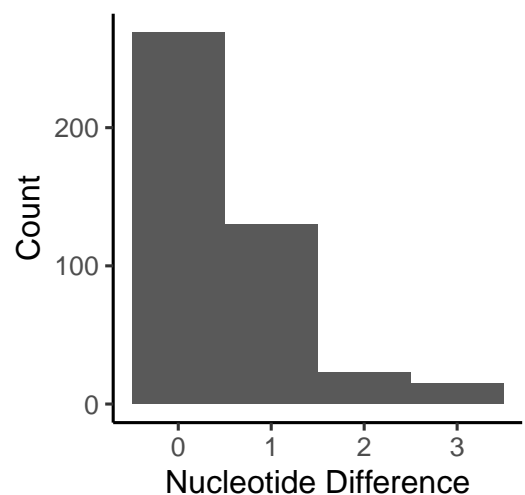
TRBV5–1*bp01

265 sequences assigned
168 (63.4%) exact matches, in which:
102 unique CDR3
11 unique J



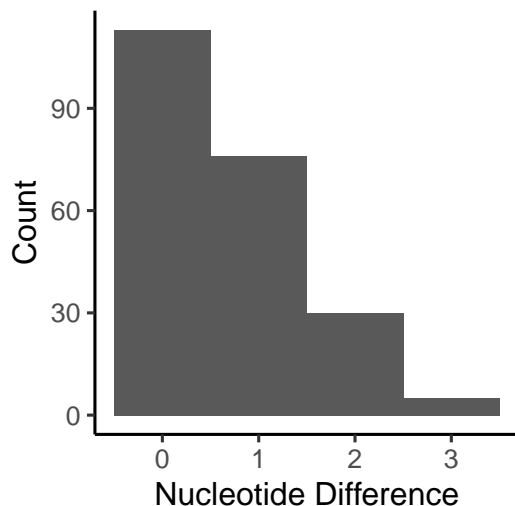
TRBV5–4*bp01

437 sequences assigned
269 (61.6%) exact matches, in which:
163 unique CDR3
13 unique J



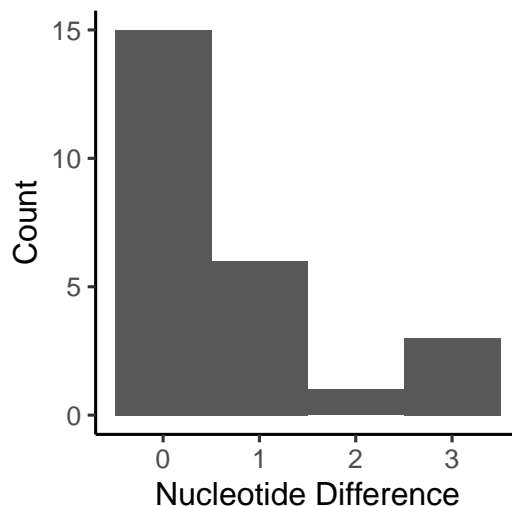
TRBV5-5*bp01

224 sequences assigned
113 (50.4%) exact matches, in which:
73 unique CDR3
9 unique J



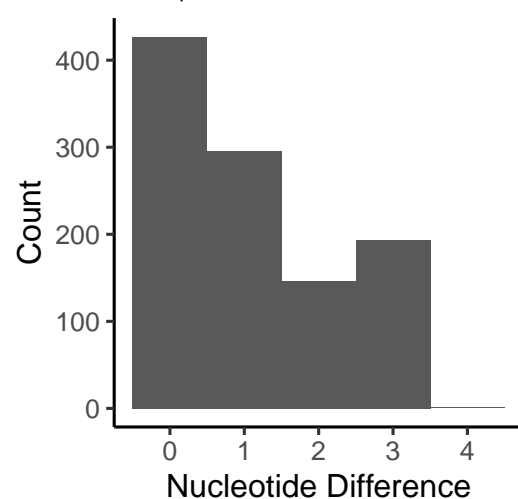
TRBV5-8*bp01

25 sequences assigned
15 (60%) exact matches, in which:
11 unique CDR3
5 unique J



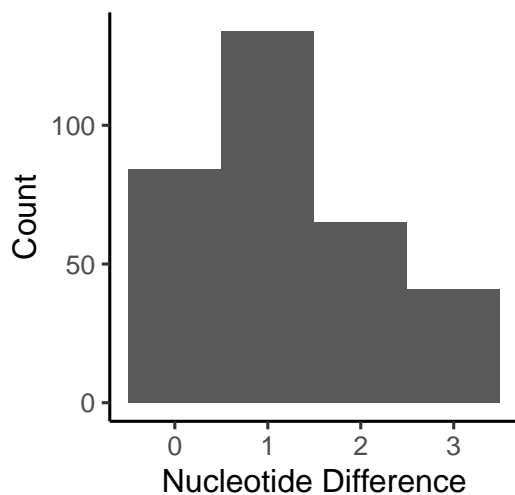
TRBV6-5*bp01

1063 sequences assigned
427 (40.2%) exact matches, in which:
293 unique CDR3
13 unique J



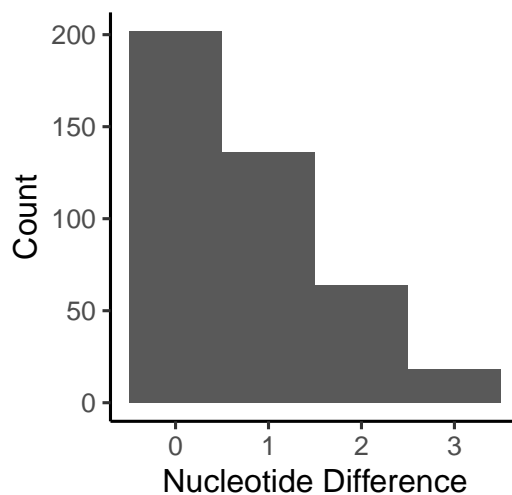
TRBV5-6*bp01

324 sequences assigned
84 (25.9%) exact matches, in which:
54 unique CDR3
11 unique J



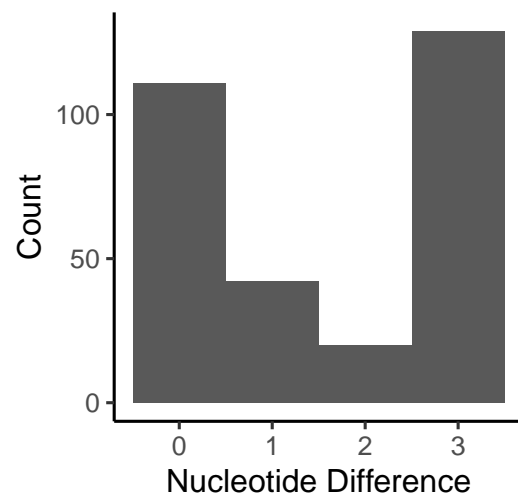
TRBV6-1*bp01

420 sequences assigned
202 (48.1%) exact matches, in which:
152 unique CDR3
13 unique J



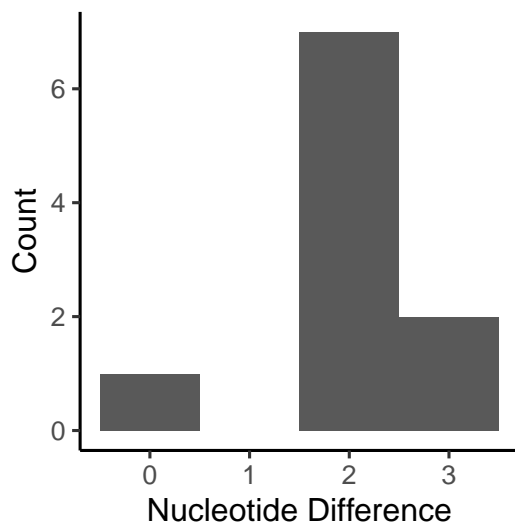
TRBV6-6*bp02

302 sequences assigned
111 (36.8%) exact matches, in which:
94 unique CDR3
11 unique J



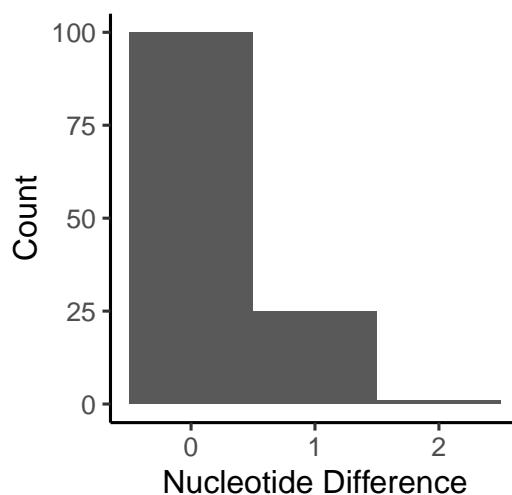
TRBV5-7*bp01

10 sequences assigned
1 (10%) exact matches, in which:
1 unique CDR3
1 unique J



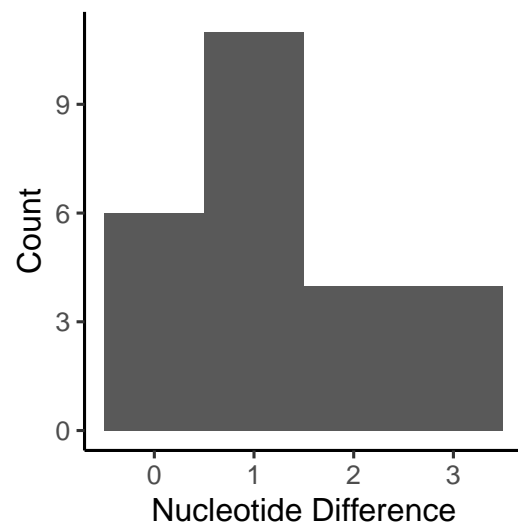
TRBV6-4*bp01

126 sequences assigned
100 (79.4%) exact matches, in which:
70 unique CDR3
10 unique J



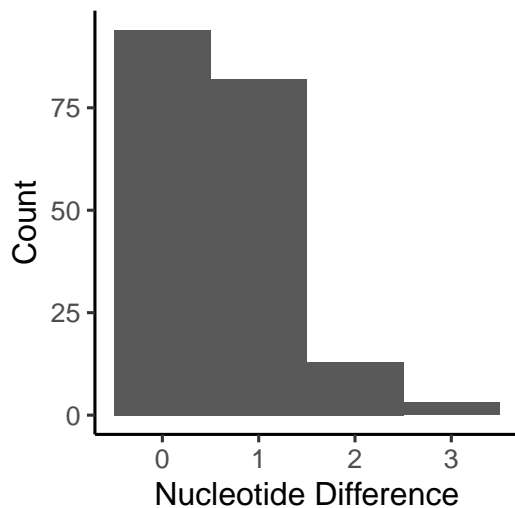
TRBV6-8*bp01

25 sequences assigned
6 (24%) exact matches, in which:
5 unique CDR3
3 unique J



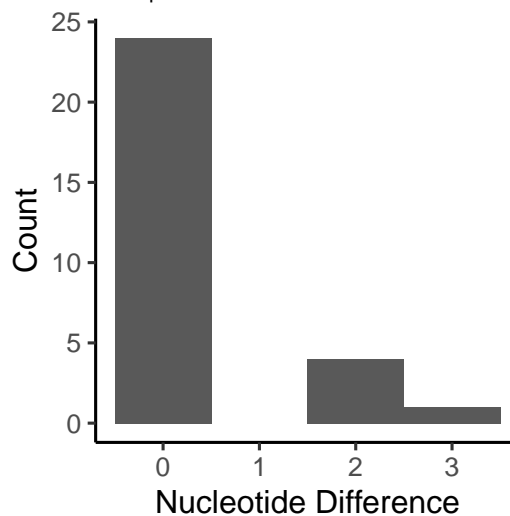
TRBV6-23*bp01

192 sequences assigned
94 (49%) exact matches, in which:
76 unique CDR3
9 unique J



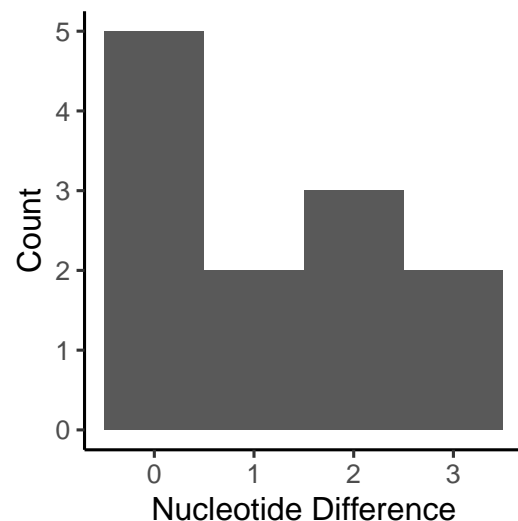
TRBV7-3*bp01

29 sequences assigned
24 (82.8%) exact matches, in which:
18 unique CDR3
8 unique J



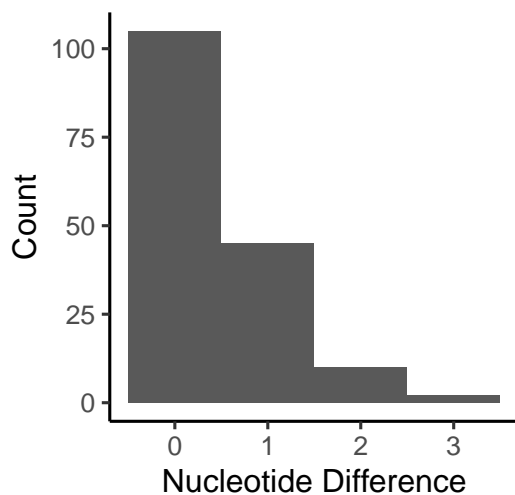
TRBV7-7*bp01

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



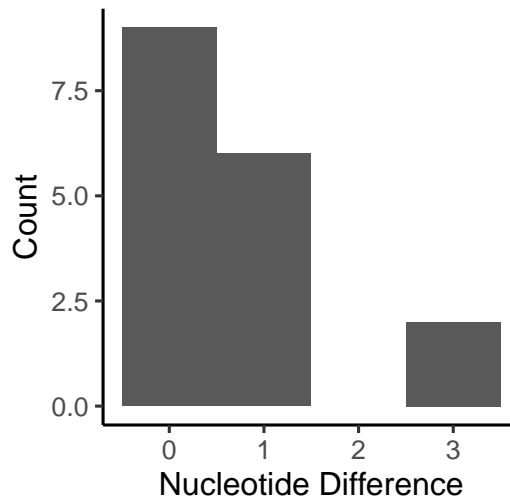
TRBV7-2*bp01

162 sequences assigned
105 (64.8%) exact matches, in which:
62 unique CDR3
9 unique J



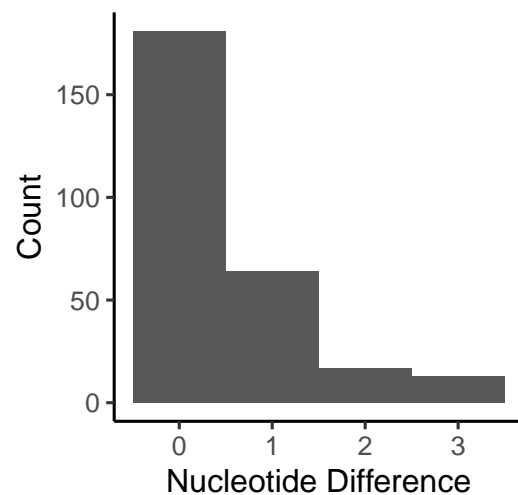
TRBV7-4*bp01

17 sequences assigned
9 (52.9%) exact matches, in which:
5 unique CDR3
4 unique J



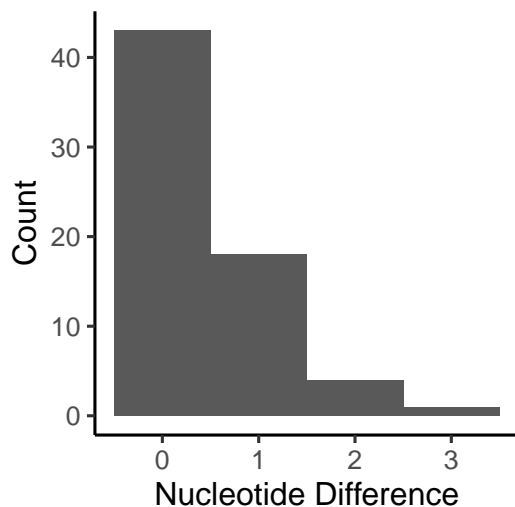
TRBV7-9*bp01

275 sequences assigned
181 (65.8%) exact matches, in which:
100 unique CDR3
12 unique J



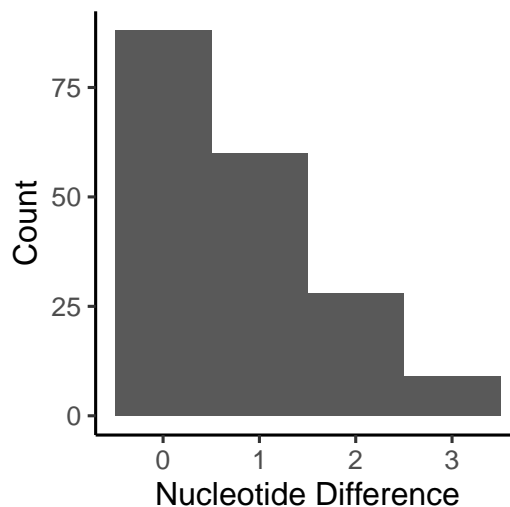
TRBV7-2*bp02

66 sequences assigned
43 (65.2%) exact matches, in which:
25 unique CDR3
10 unique J



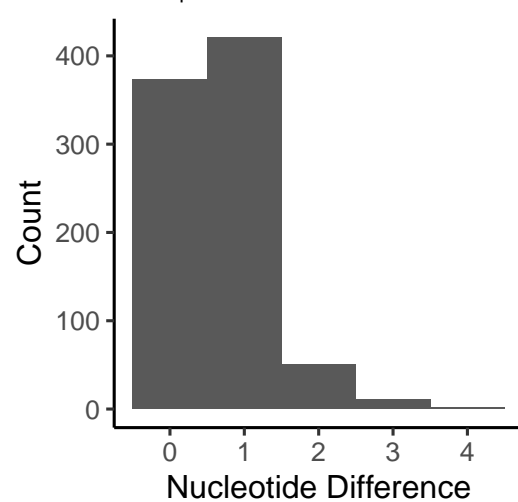
TRBV7-6*bp01

185 sequences assigned
88 (47.6%) exact matches, in which:
50 unique CDR3
8 unique J

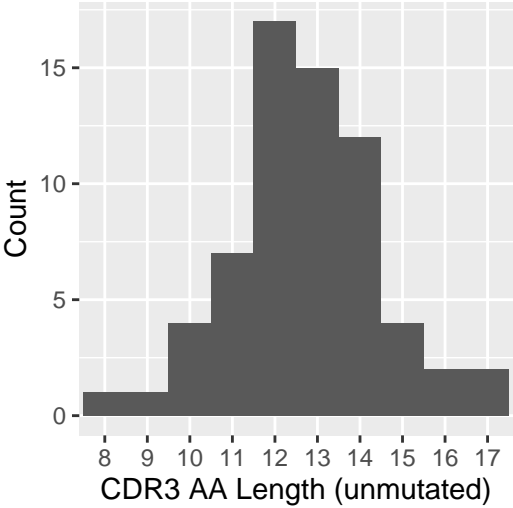


TRBV29-1*bp01

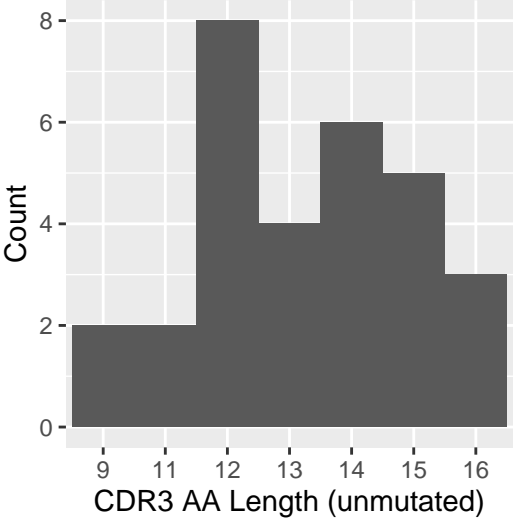
857 sequences assigned
373 (43.5%) exact matches, in which:
221 unique CDR3
13 unique J



TRBV10-3*bp02_313GCCATCAGTGAGTC326



TRBV14*bp02_322CAAGA326



TRBV20-1*bp04_322GA323

