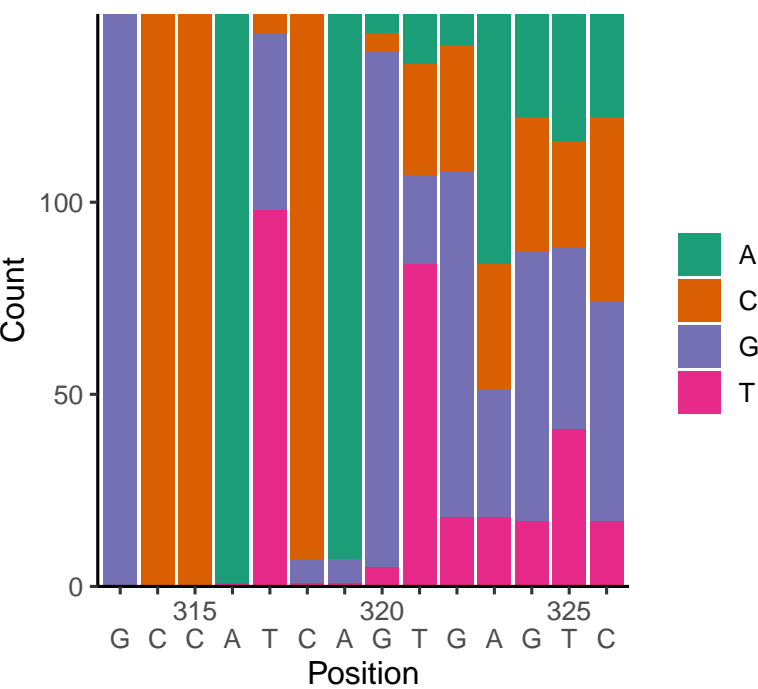


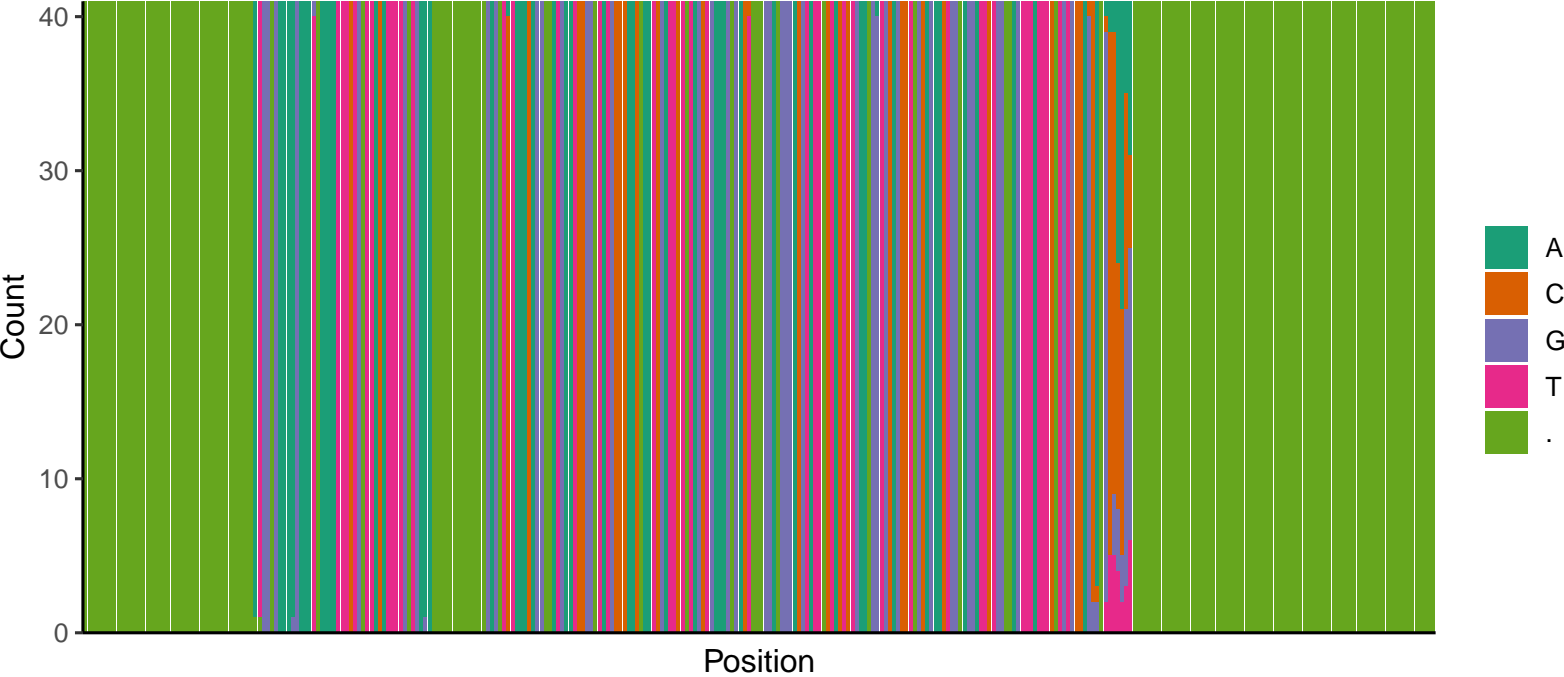
Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326



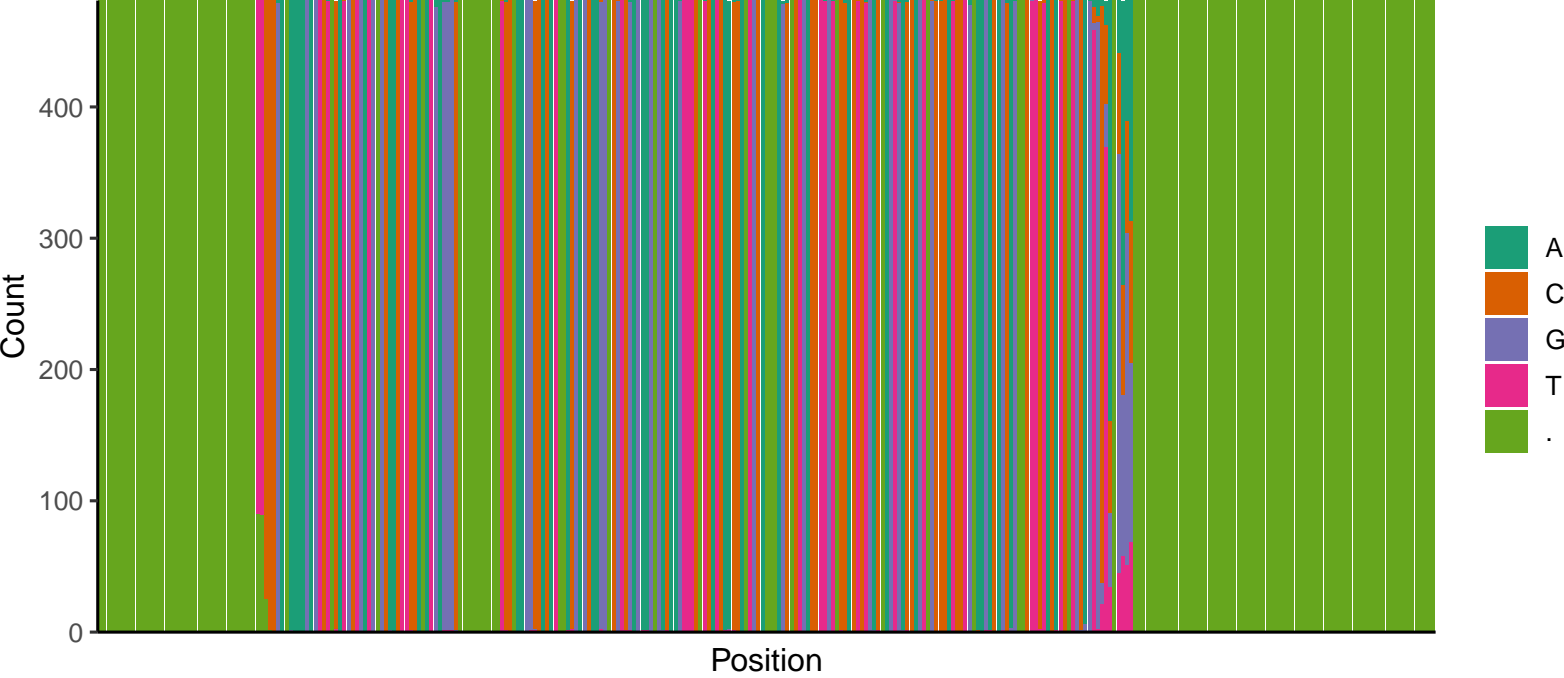
Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326



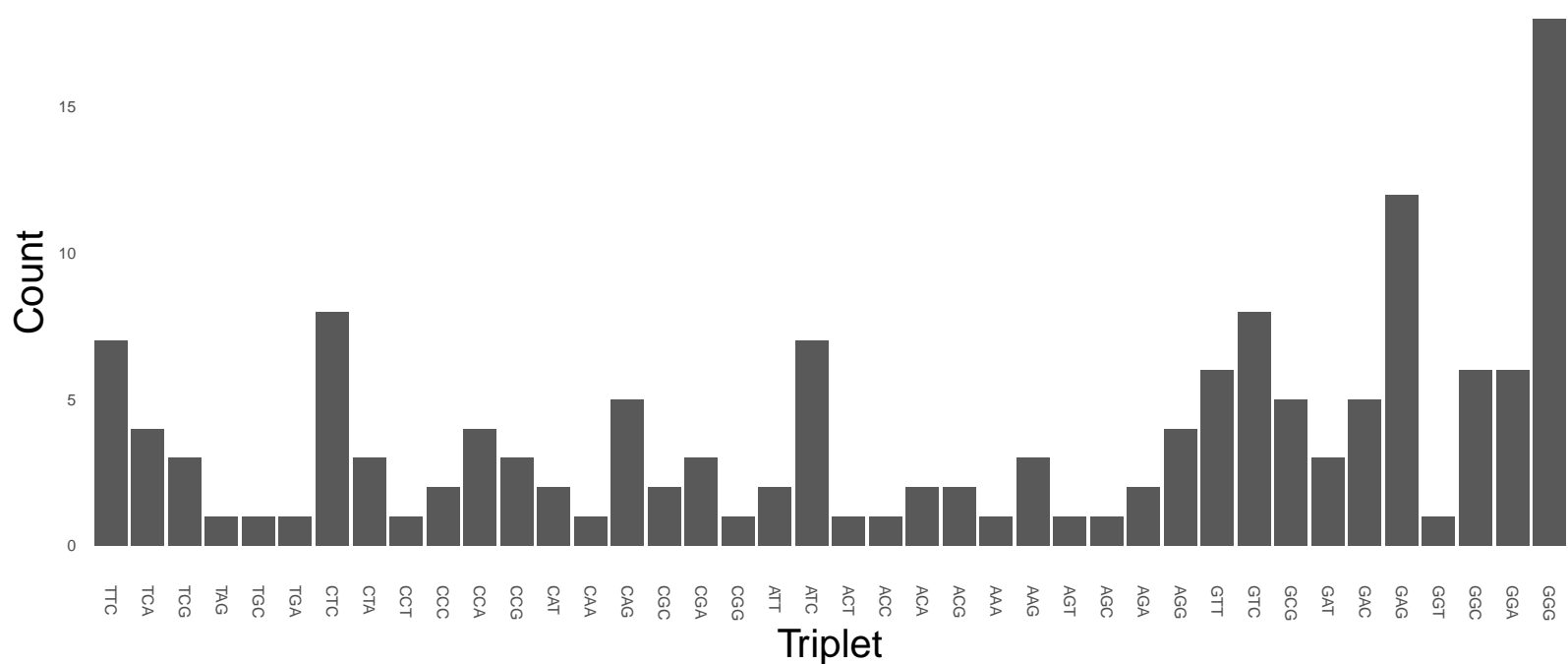
Gene TRBV14*bp02_322CAAGA326



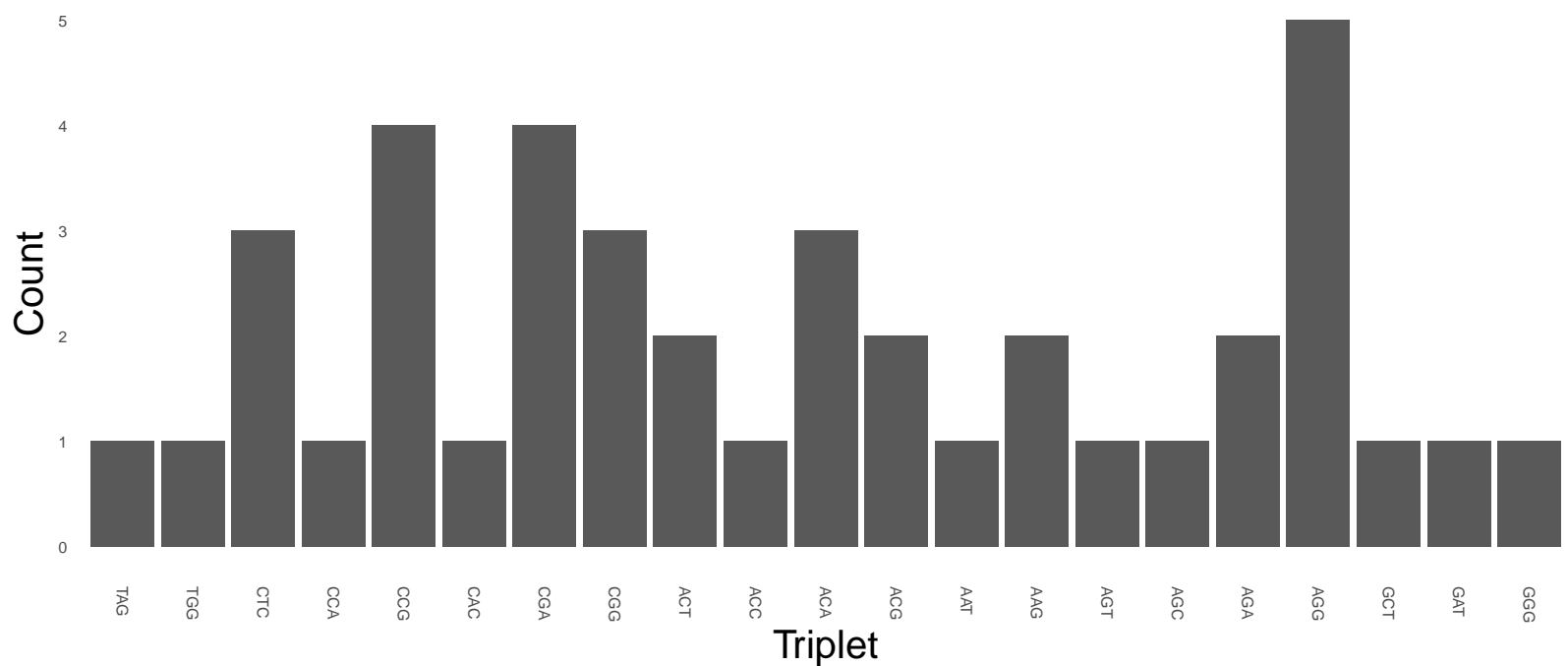
Gene TRBV20-1*bp04_322GA323



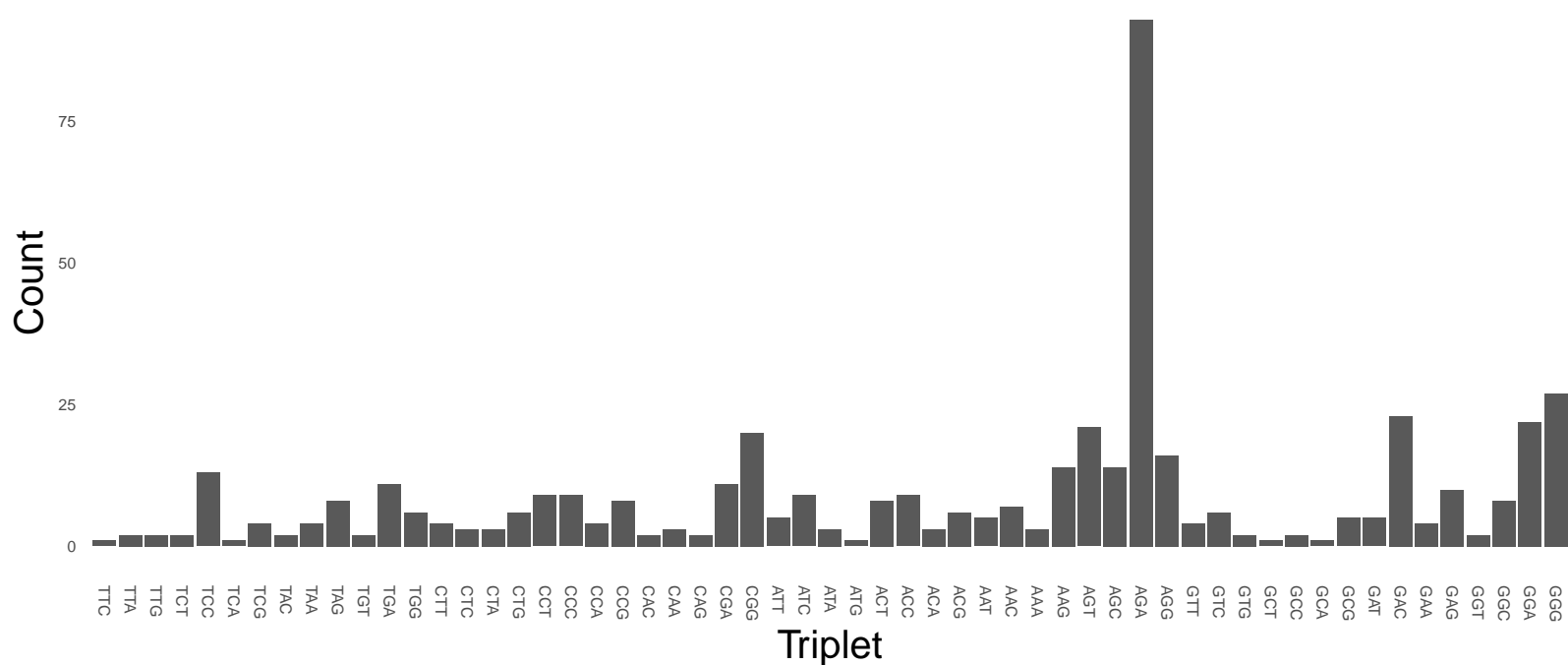
TRBV10–3*bp02_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



TRBV14*bp02_322CAAGA326– Final 3 nucleotides as a triplet

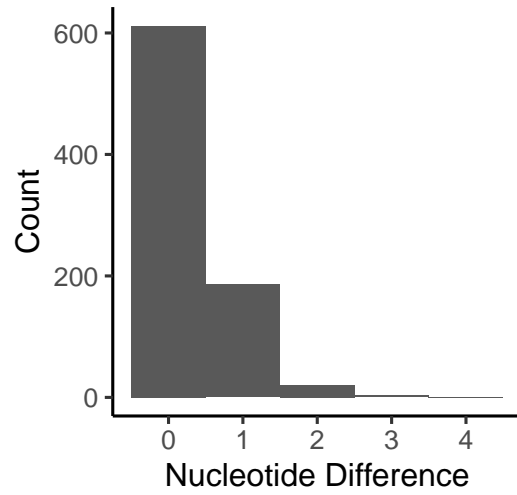


TRBV20–1*bp04_322GA323– Final 3 nucleotides as a triplet



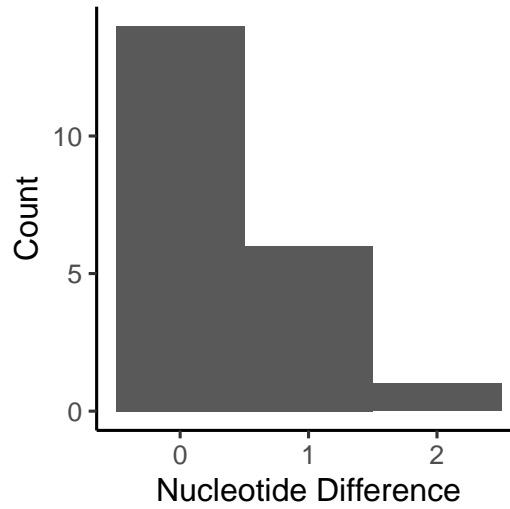
TRBV20–1*bp01

822 sequences assigned
612 (74.5%) exact matches, in which:
341 unique CDR3
14 unique J



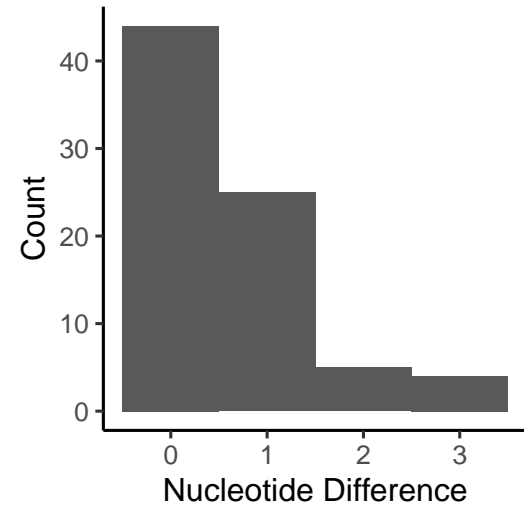
TRBV10–2*bp01

21 sequences assigned
14 (66.7%) exact matches, in which:
12 unique CDR3
7 unique J



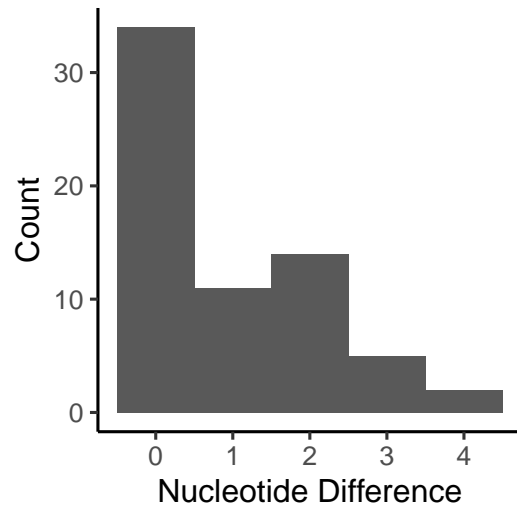
TRBV13*bp01

78 sequences assigned
44 (56.4%) exact matches, in which:
36 unique CDR3
11 unique J



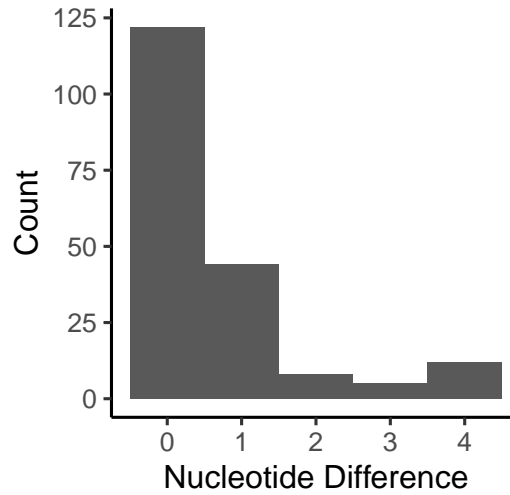
TRBV10–1*bp01

66 sequences assigned
34 (51.5%) exact matches, in which:
29 unique CDR3
9 unique J



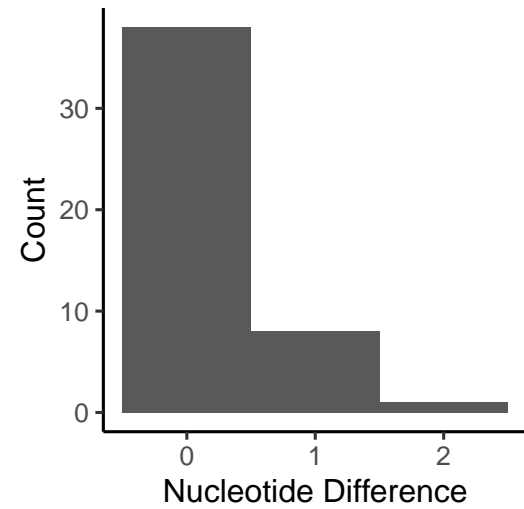
TRBV10–3*bp01

191 sequences assigned
122 (63.9%) exact matches, in which:
108 unique CDR3
14 unique J



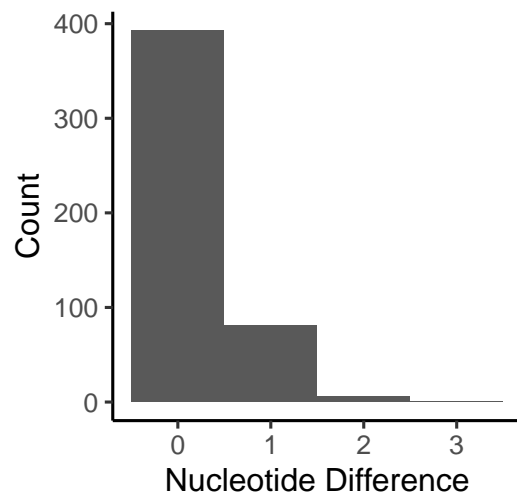
TRBV14*bp01

47 sequences assigned
38 (80.9%) exact matches, in which:
32 unique CDR3
8 unique J



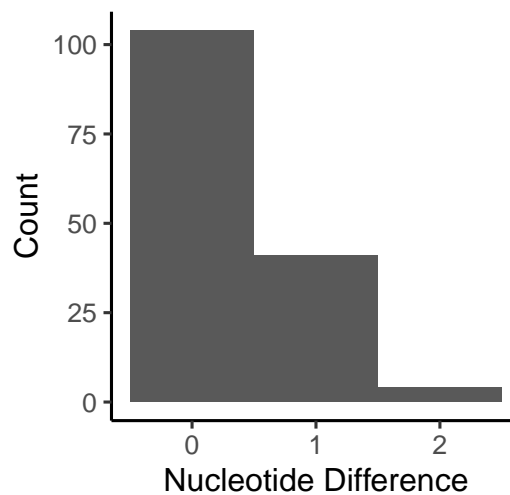
TRBV20–1*bp04_322GA:

481 sequences assigned
393 (81.7%) exact matches, in which:
272 unique CDR3
14 unique J



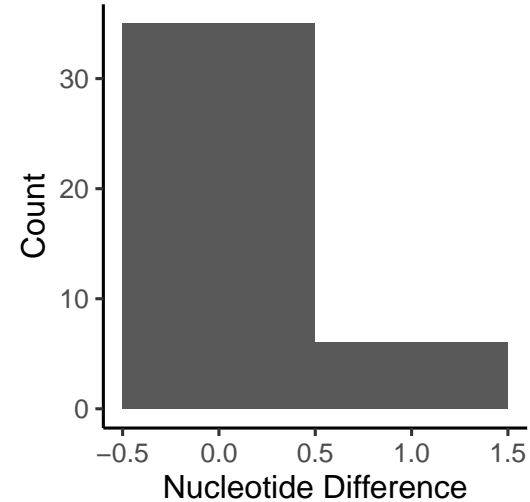
TRBV10–3*bp02_313GC:

149 sequences assigned
104 (69.8%) exact matches, in which:
85 unique CDR3
13 unique J



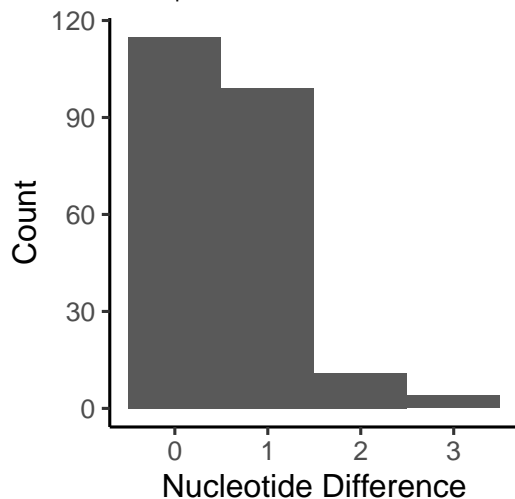
TRBV14*bp02_322CAAGA:

41 sequences assigned
35 (85.4%) exact matches, in which:
33 unique CDR3
11 unique J



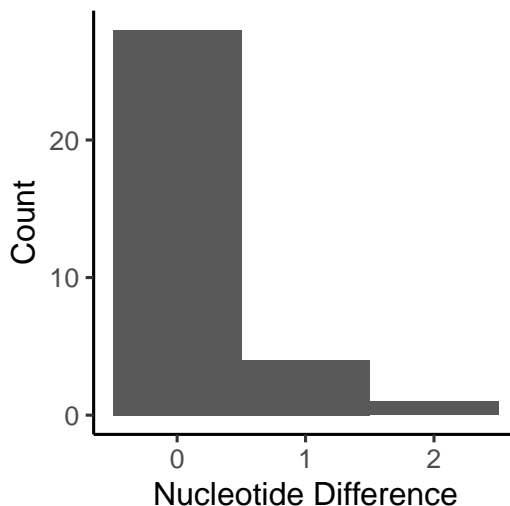
TRBV15*bp02

229 sequences assigned
115 (50.2%) exact matches, in which:
79 unique CDR3
12 unique J



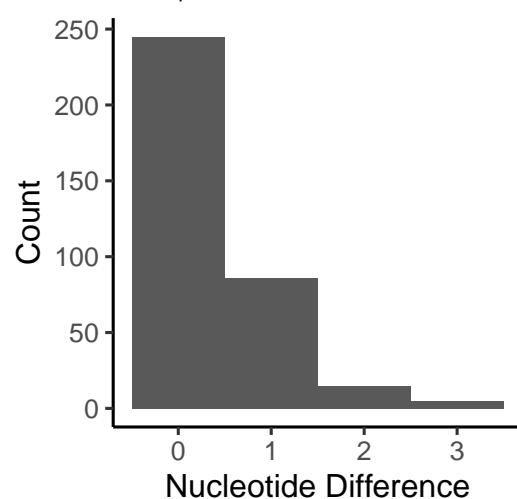
TRBV2*bp01

33 sequences assigned
28 (84.8%) exact matches, in which:
26 unique CDR3
9 unique J



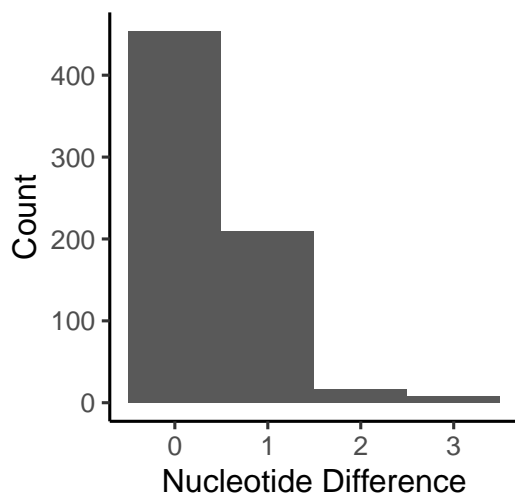
TRBV30*bp01

351 sequences assigned
245 (69.8%) exact matches, in which:
116 unique CDR3
14 unique J



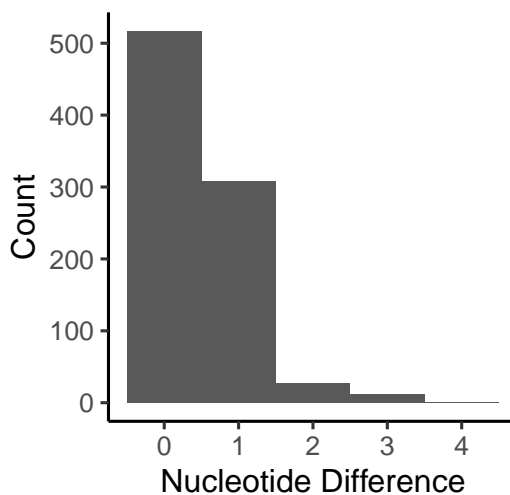
TRBV18*bp01

689 sequences assigned
454 (65.9%) exact matches, in which:
252 unique CDR3
13 unique J



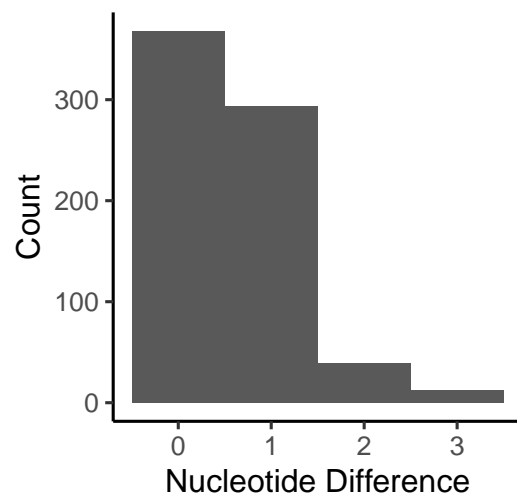
TRBV27*bp01

865 sequences assigned
517 (59.8%) exact matches, in which:
415 unique CDR3
14 unique J



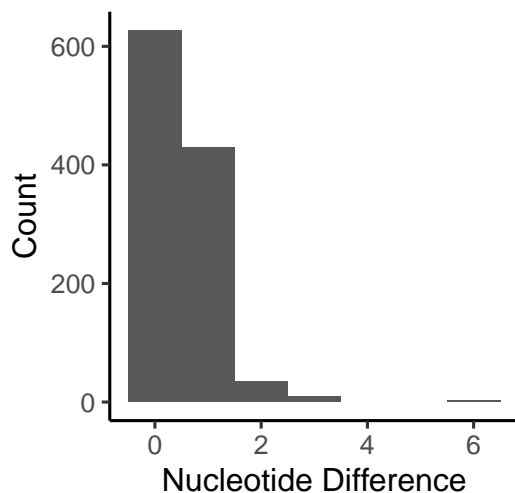
TRBV30*bp02

713 sequences assigned
368 (51.6%) exact matches, in which:
195 unique CDR3
14 unique J



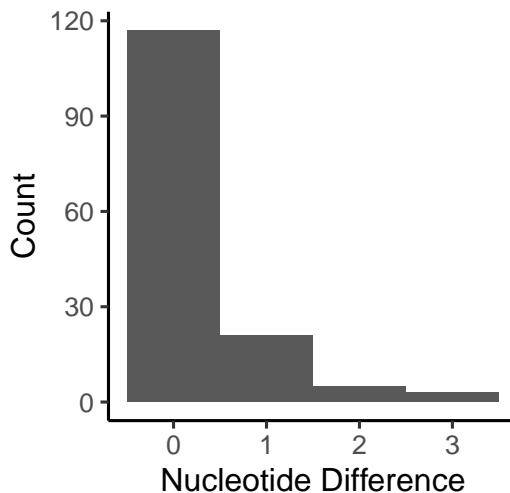
TRBV19*bp01

1105 sequences assigned
627 (56.7%) exact matches, in which:
401 unique CDR3
14 unique J



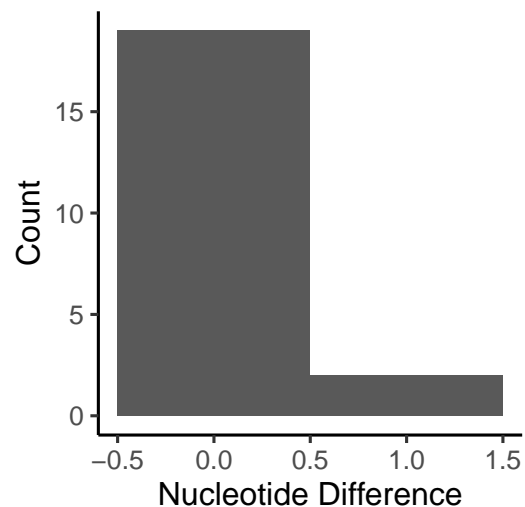
TRBV28*bp01

146 sequences assigned
117 (80.1%) exact matches, in which:
99 unique CDR3
14 unique J



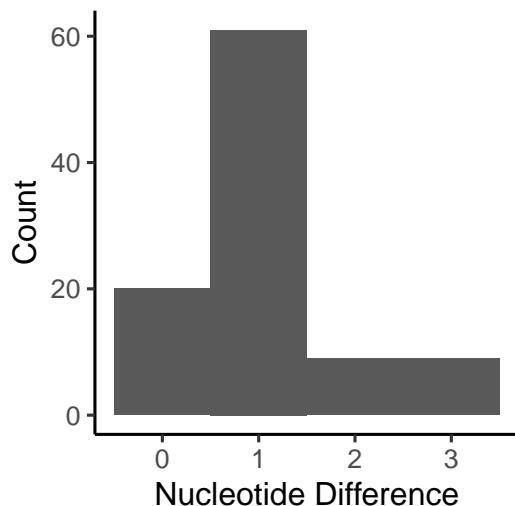
TRBV9*bp01

21 sequences assigned
19 (90.5%) exact matches, in which:
19 unique CDR3
8 unique J



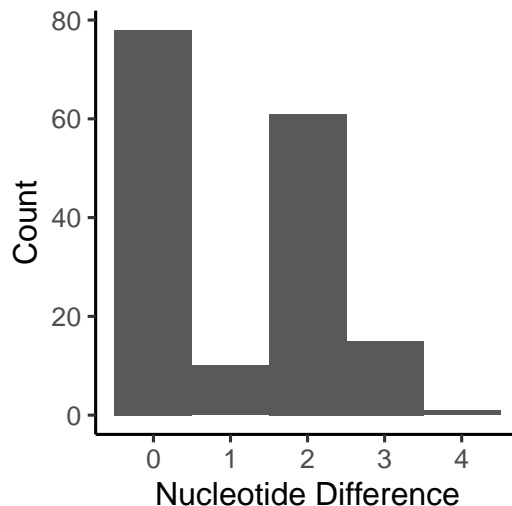
TRBV11-1*bp01

99 sequences assigned
20 (20.2%) exact matches, in which:
15 unique CDR3
7 unique J



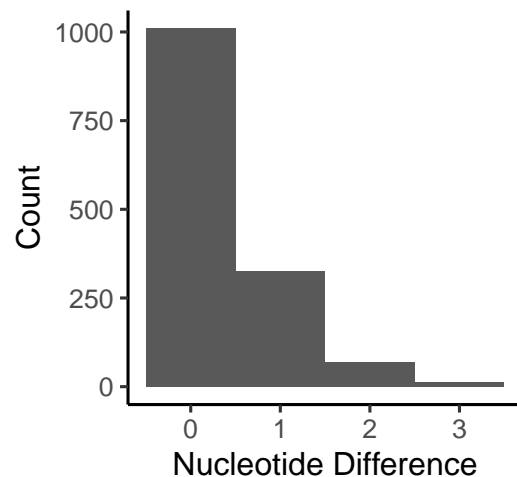
TRBV11-2*bp01

165 sequences assigned
78 (47.3%) exact matches, in which:
68 unique CDR3
12 unique J



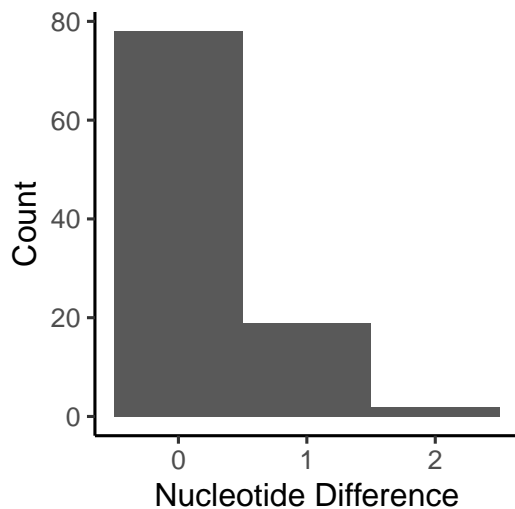
TRBV12-34*bp01

1418 sequences assigned
1010 (71.2%) exact matches, in which:
553 unique CDR3
14 unique J



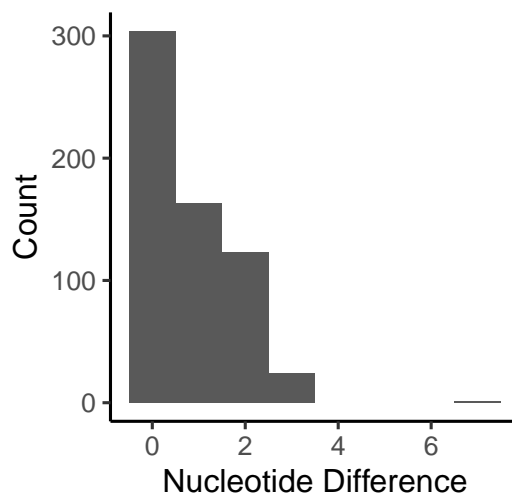
TRBV21-1*bp01

99 sequences assigned
78 (78.8%) exact matches, in which:
63 unique CDR3
13 unique J



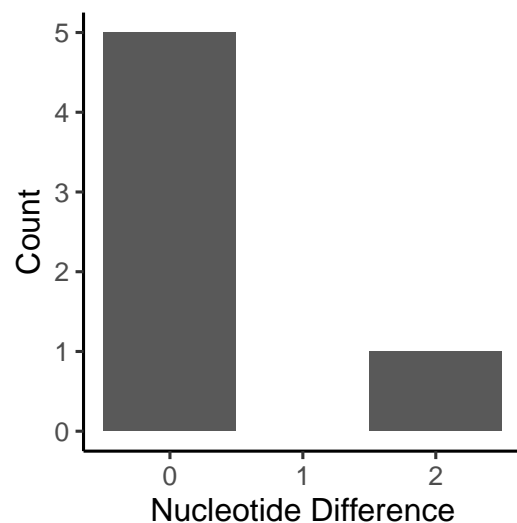
TRBV11-3*bp01

615 sequences assigned
304 (49.4%) exact matches, in which:
227 unique CDR3
14 unique J



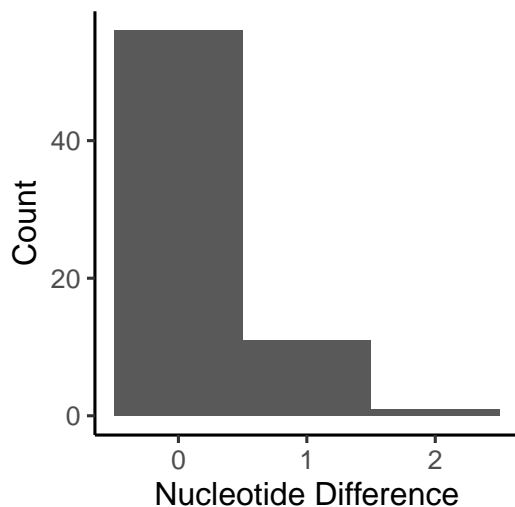
TRBV23-1*bp01

6 sequences assigned
5 (83.3%) exact matches, in which:
5 unique CDR3
5 unique J



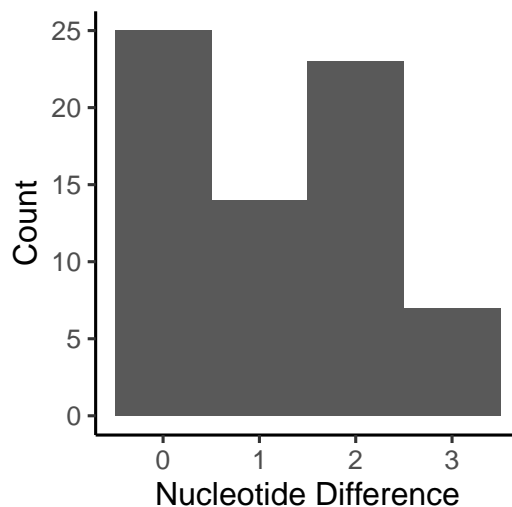
TRBV21-1*bp02

68 sequences assigned
56 (82.4%) exact matches, in which:
51 unique CDR3
12 unique J



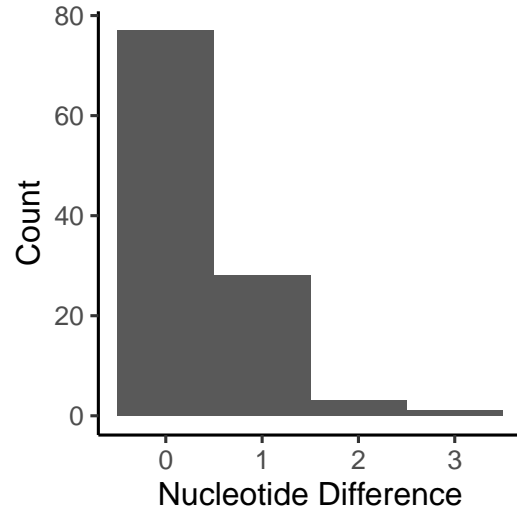
TRBV12-5*bp01

69 sequences assigned
25 (36.2%) exact matches, in which:
21 unique CDR3
9 unique J



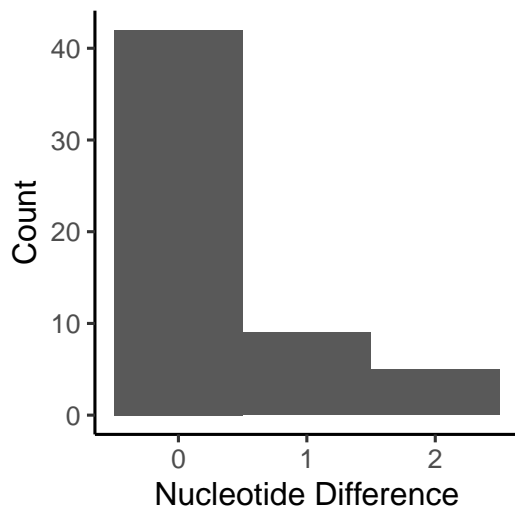
TRBV24-1*bp01

109 sequences assigned
77 (70.6%) exact matches, in which:
55 unique CDR3
10 unique J



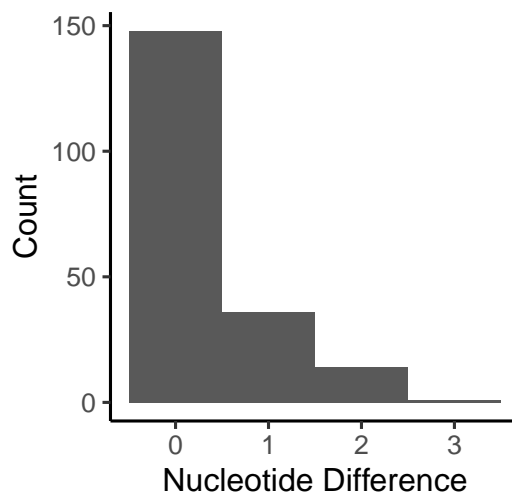
TRBV4-1*bp01

56 sequences assigned
42 (75%) exact matches, in which:
31 unique CDR3
10 unique J



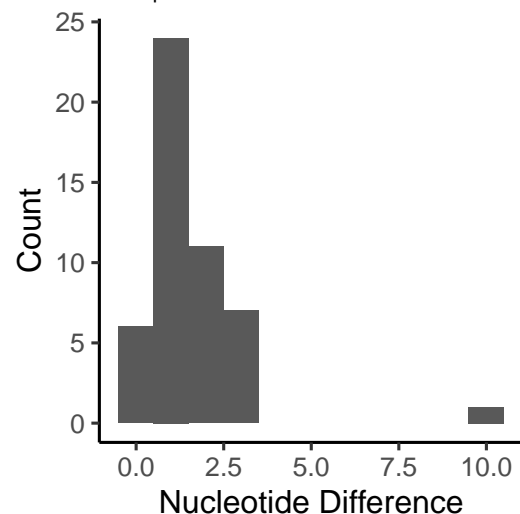
TRBV4-3*bp01

199 sequences assigned
148 (74.4%) exact matches, in which:
115 unique CDR3
14 unique J



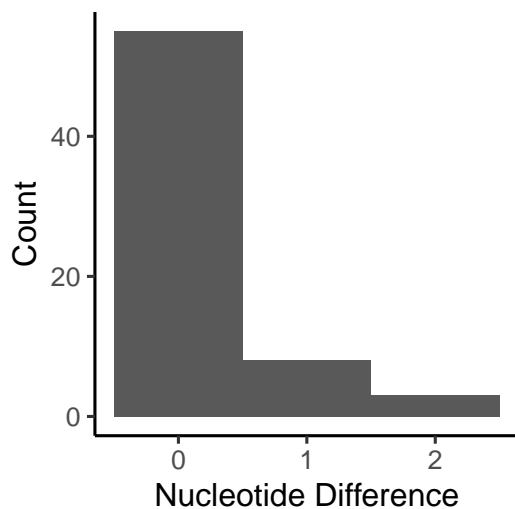
TRBV5-3*bp01

49 sequences assigned
6 (12.2%) exact matches, in which:
4 unique CDR3
4 unique J



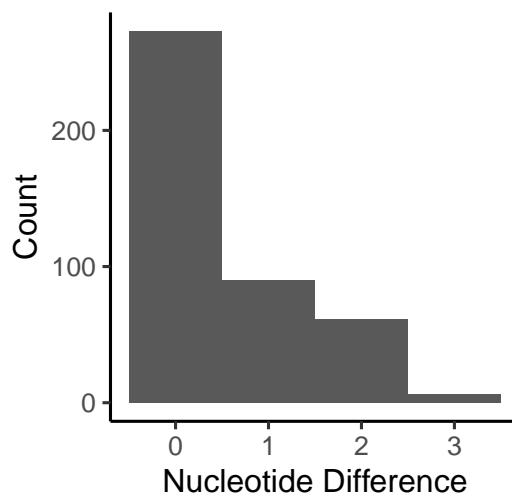
TRBV24-1*bp02

66 sequences assigned
55 (83.3%) exact matches, in which:
40 unique CDR3
9 unique J



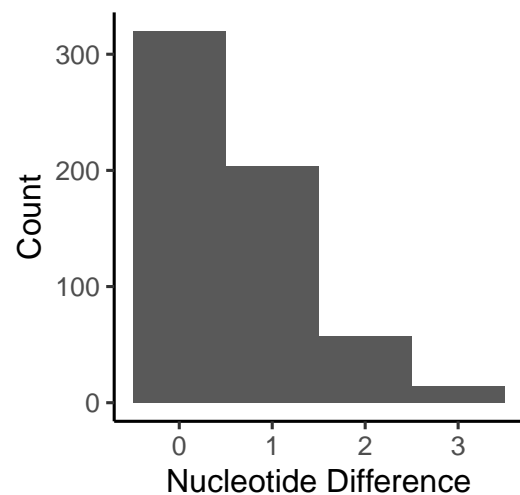
TRBV5-1*bp01

430 sequences assigned
273 (63.5%) exact matches, in which:
195 unique CDR3
14 unique J



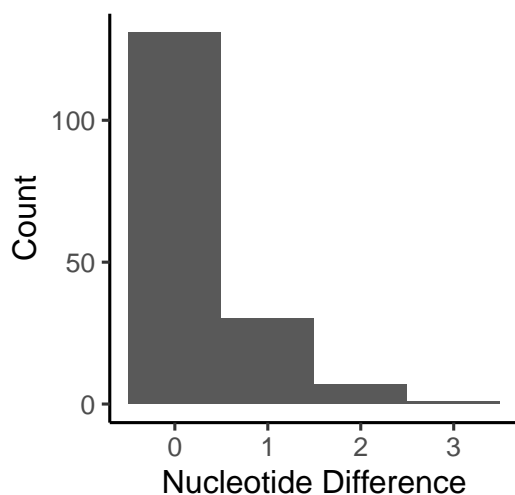
TRBV5-4*bp01

595 sequences assigned
320 (53.8%) exact matches, in which:
237 unique CDR3
14 unique J



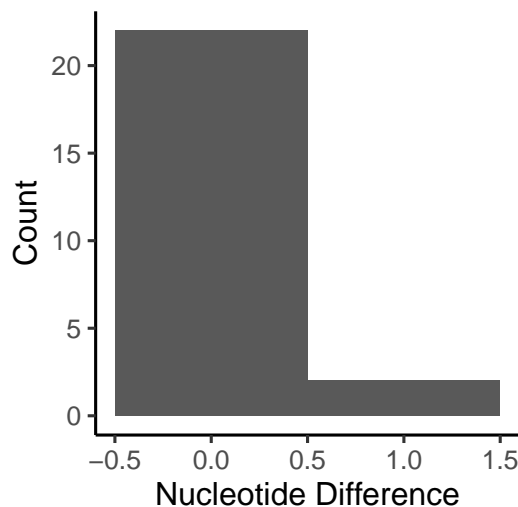
TRBV4-2*bp01

169 sequences assigned
131 (77.5%) exact matches, in which:
102 unique CDR3
13 unique J



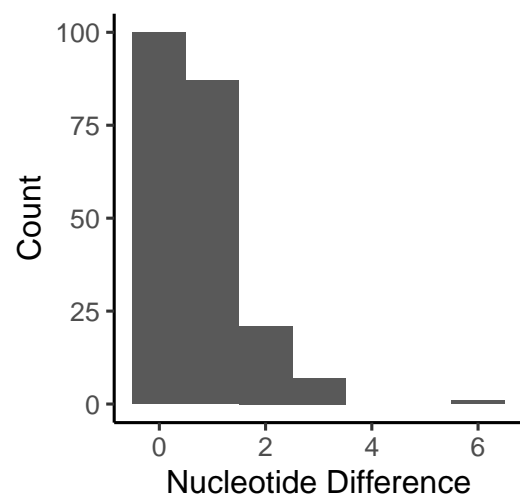
TRBV25-1*bp01

24 sequences assigned
22 (91.7%) exact matches, in which:
18 unique CDR3
9 unique J



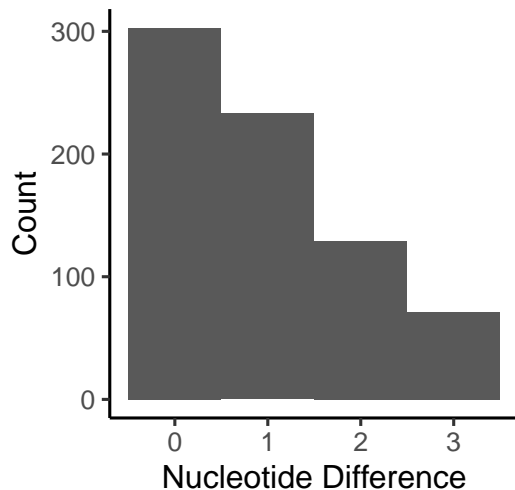
TRBV5-5*bp01

216 sequences assigned
100 (46.3%) exact matches, in which:
77 unique CDR3
11 unique J



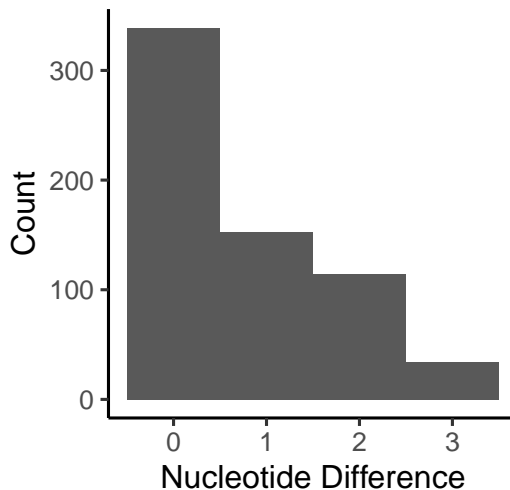
TRBV5-6*bp01

736 sequences assigned
303 (41.2%) exact matches, in which:
227 unique CDR3
14 unique J



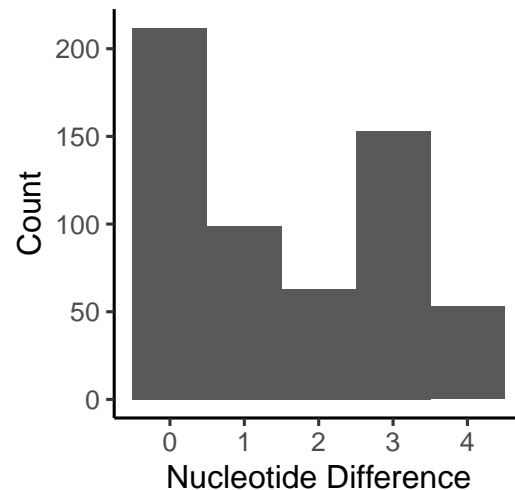
TRBV6-1*bp01

640 sequences assigned
339 (53%) exact matches, in which:
295 unique CDR3
14 unique J



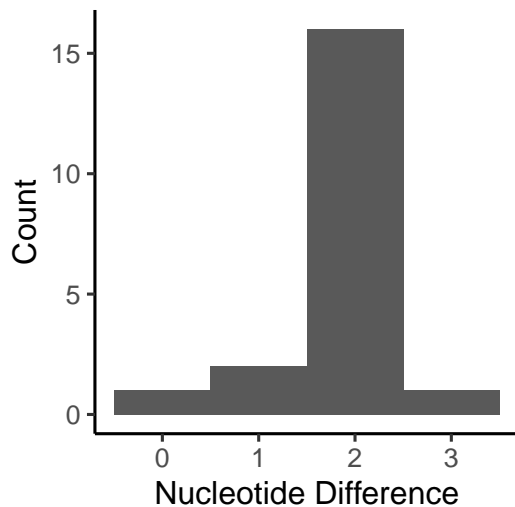
TRBV6-6*bp01

580 sequences assigned
212 (36.6%) exact matches, in which:
190 unique CDR3
14 unique J



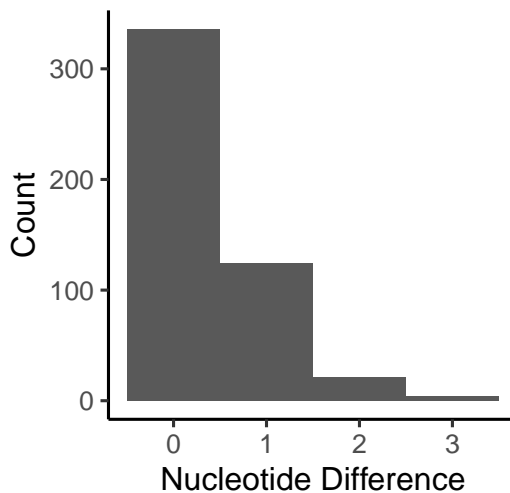
TRBV5-7*bp01

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



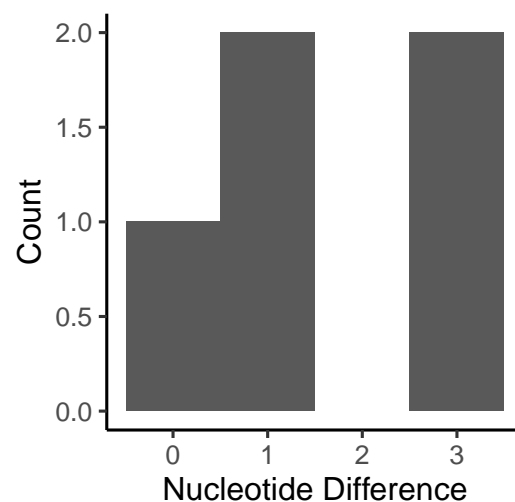
TRBV6-4*bp01

485 sequences assigned
336 (69.3%) exact matches, in which:
235 unique CDR3
14 unique J



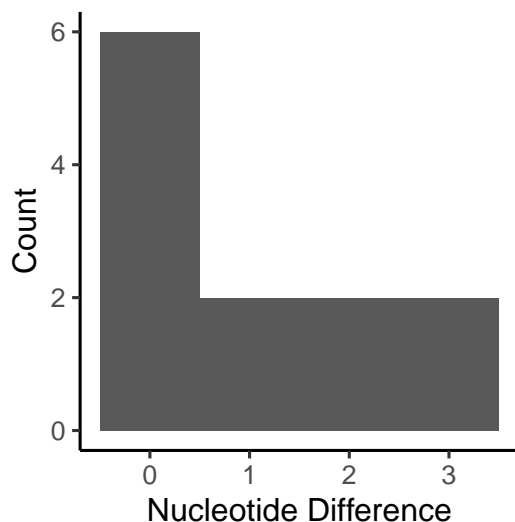
TRBV6-8*bp01

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



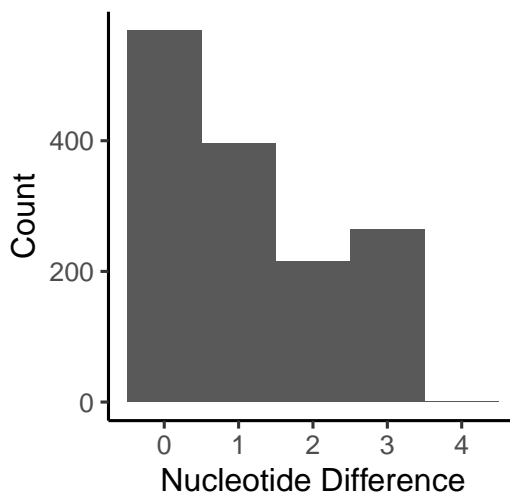
TRBV5-8*bp01

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



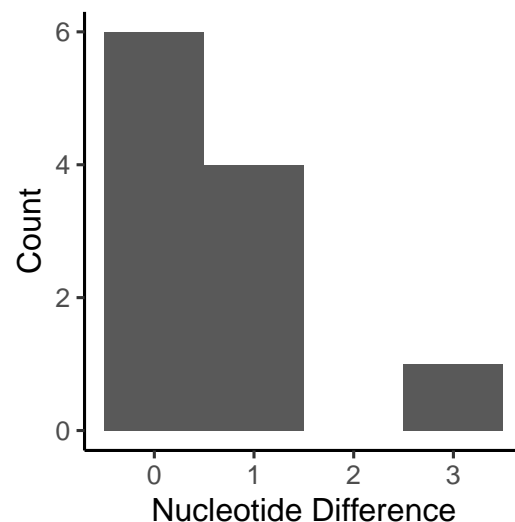
TRBV6-5*bp01

1445 sequences assigned
569 (39.4%) exact matches, in which:
453 unique CDR3
14 unique J



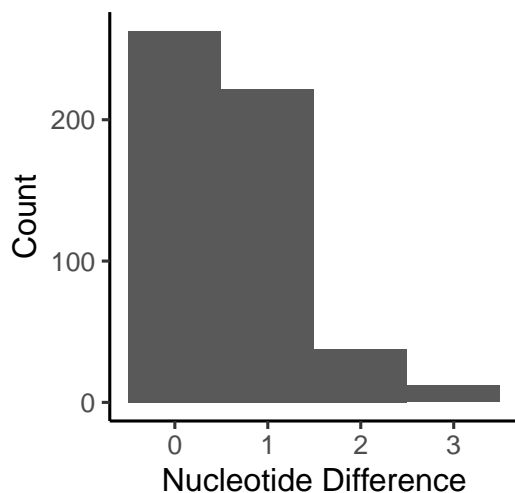
TRBV6-9*bp01

11 sequences assigned
6 (54.5%) exact matches, in which:
5 unique CDR3
4 unique J



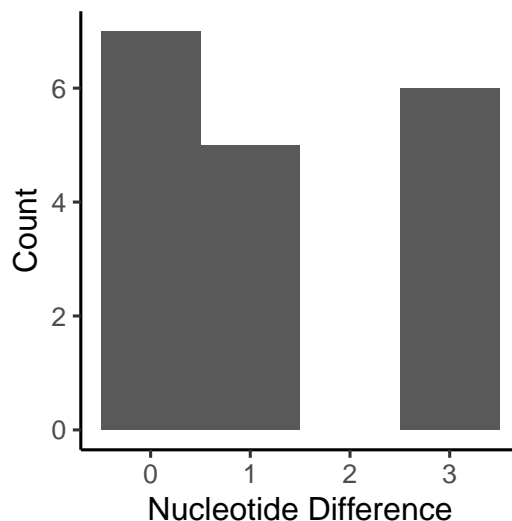
TRBV6–23*bp01

535 sequences assigned
263 (49.2%) exact matches, in which:
211 unique CDR3
13 unique J



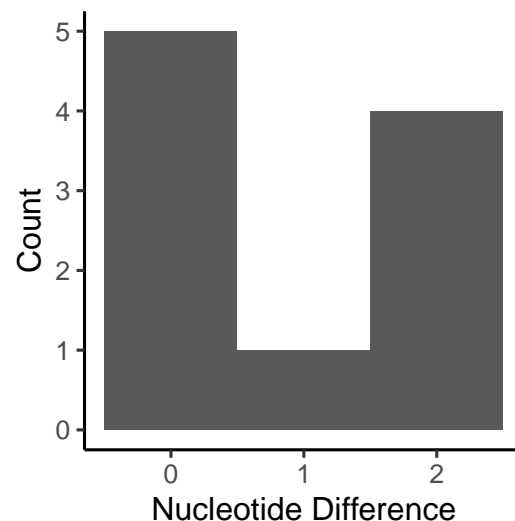
TRBV7–3*bp02

18 sequences assigned
7 (38.9%) exact matches, in which:
5 unique CDR3
4 unique J



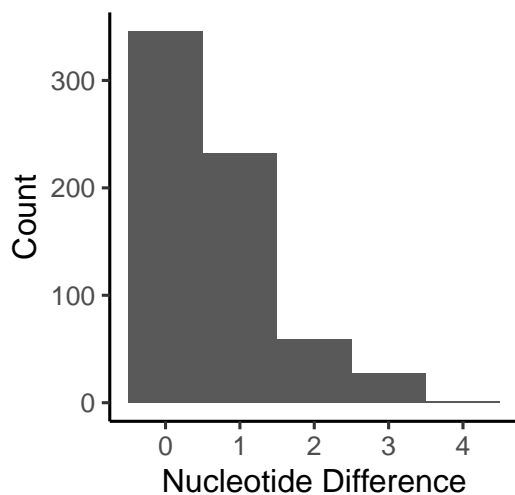
TRBV7–7*bp01

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



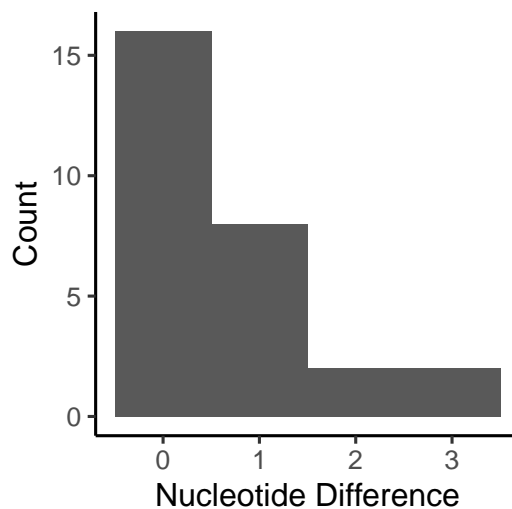
TRBV7–2*bp01

665 sequences assigned
346 (52%) exact matches, in which:
255 unique CDR3
14 unique J



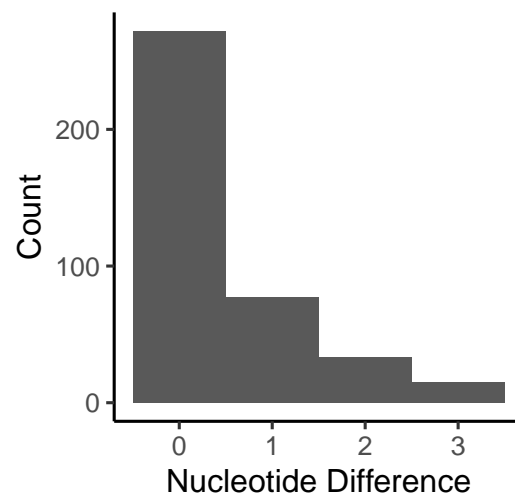
TRBV7–4*bp01

28 sequences assigned
16 (57.1%) exact matches, in which:
10 unique CDR3
5 unique J



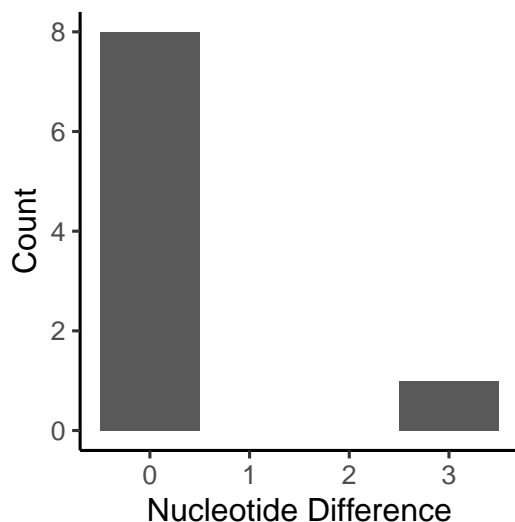
TRBV7–9*bp01

397 sequences assigned
272 (68.5%) exact matches, in which:
203 unique CDR3
14 unique J



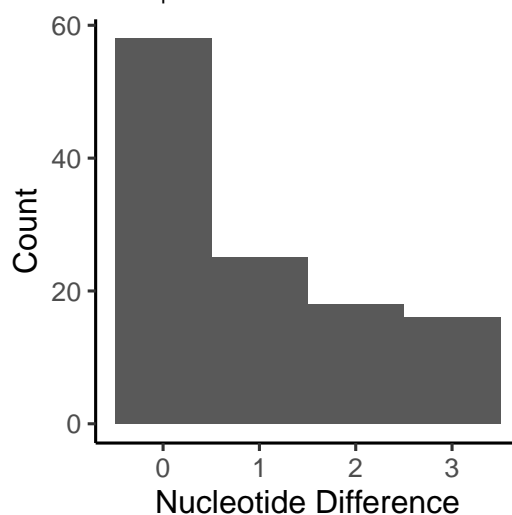
TRBV7–3*bp01

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



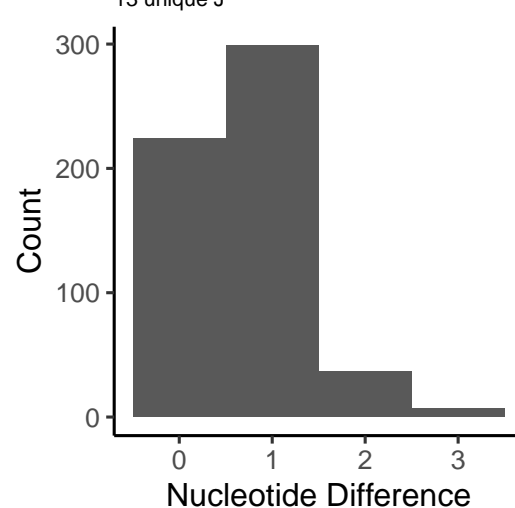
TRBV7–6*bp01

117 sequences assigned
58 (49.6%) exact matches, in which:
39 unique CDR3
11 unique J



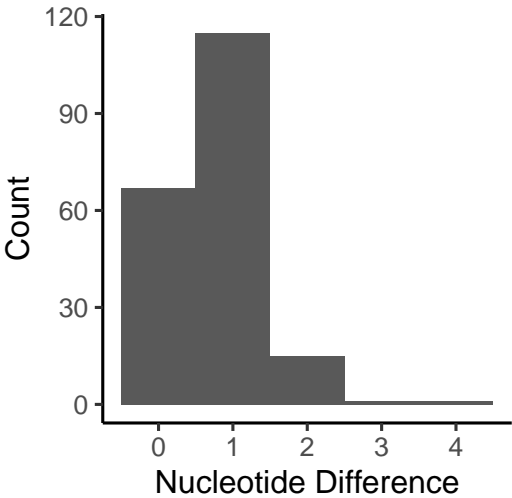
TRBV29–1*bp01

567 sequences assigned
224 (39.5%) exact matches, in which:
135 unique CDR3
13 unique J

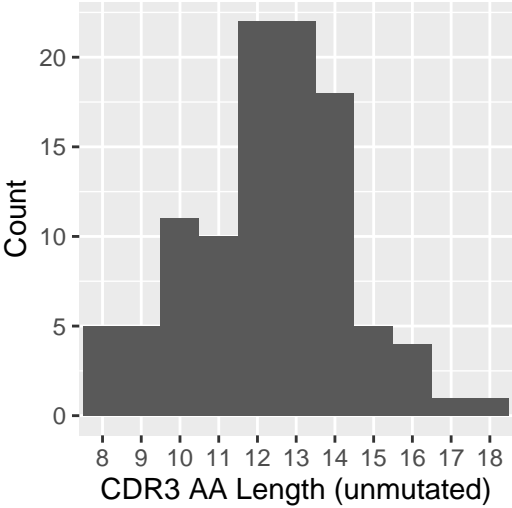


TRBV29–1*bp03

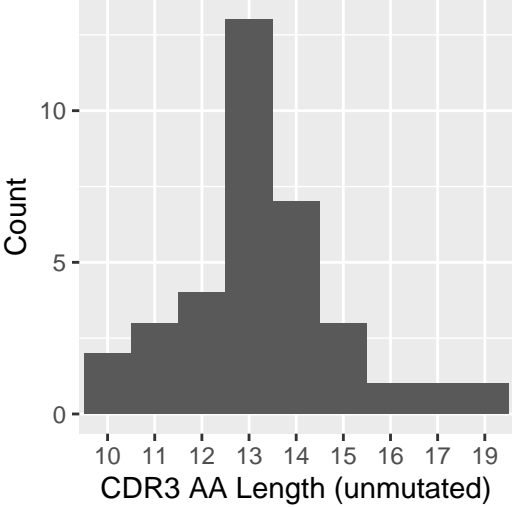
199 sequences assigned
67 (33.7%) exact matches, in which:
41 unique CDR3
8 unique J



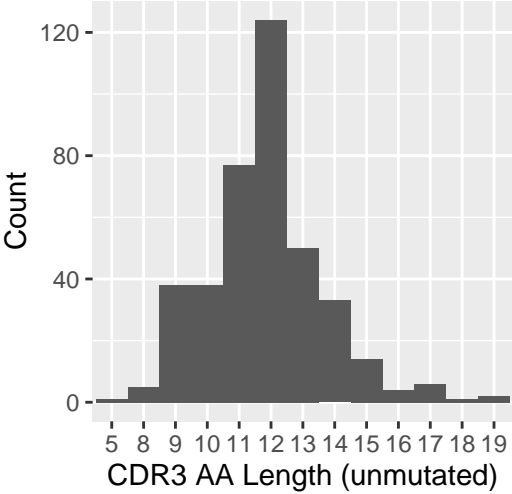
TRBV10-3*bp02_313GCCATCAGTGAGTC326

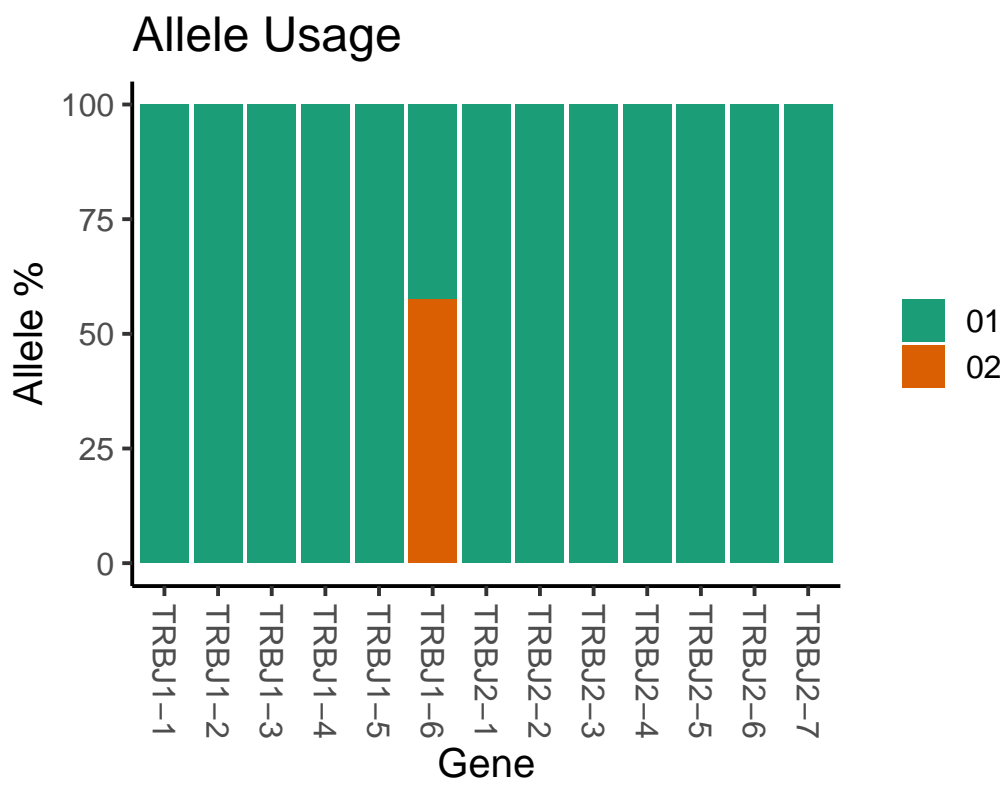


TRBV14*bp02_322CAAGA326



TRBV20-1*bp04_322GA323





Sequence Count by TRBJ1–6 allele usage

