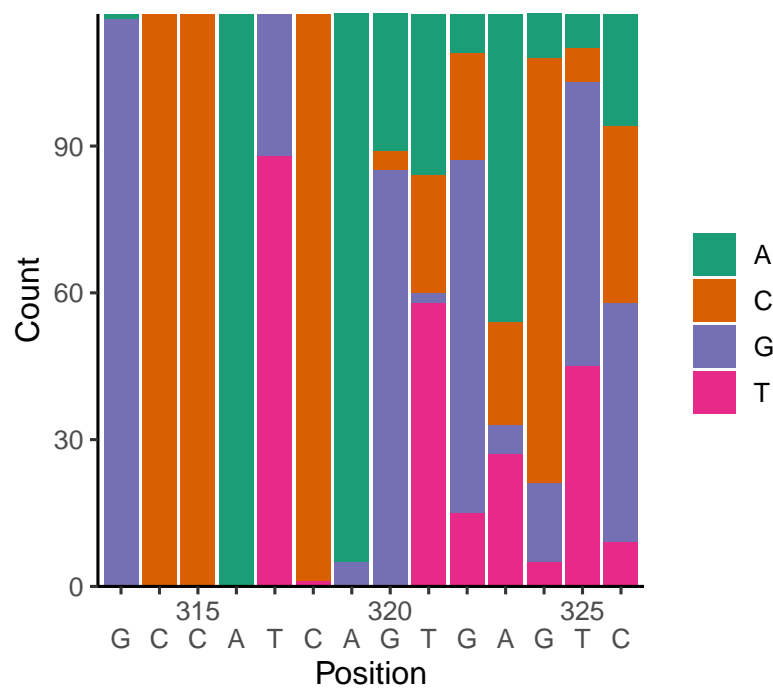
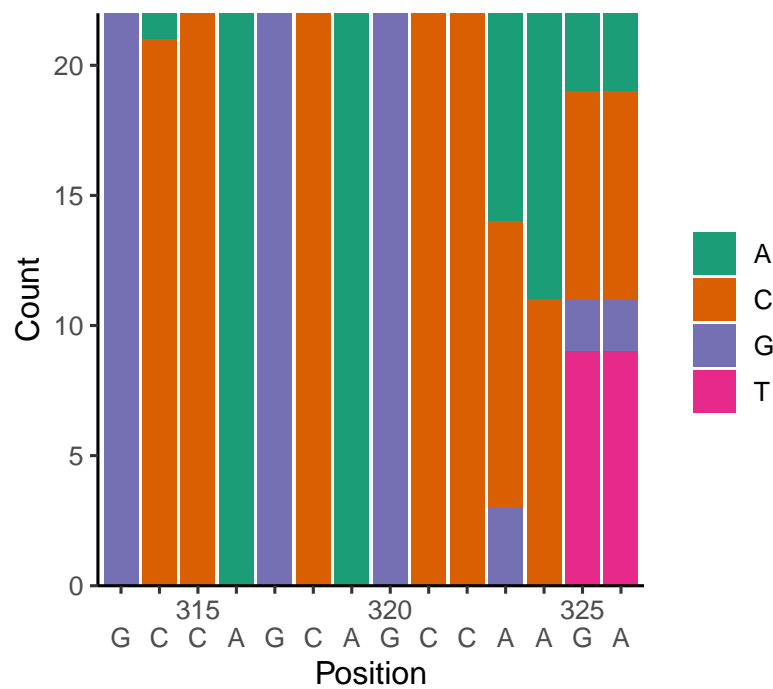


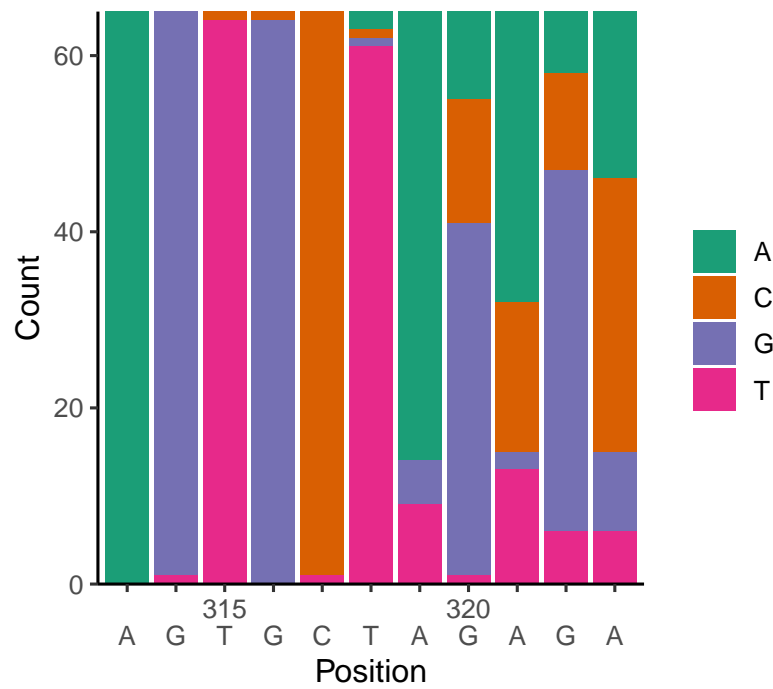
Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326



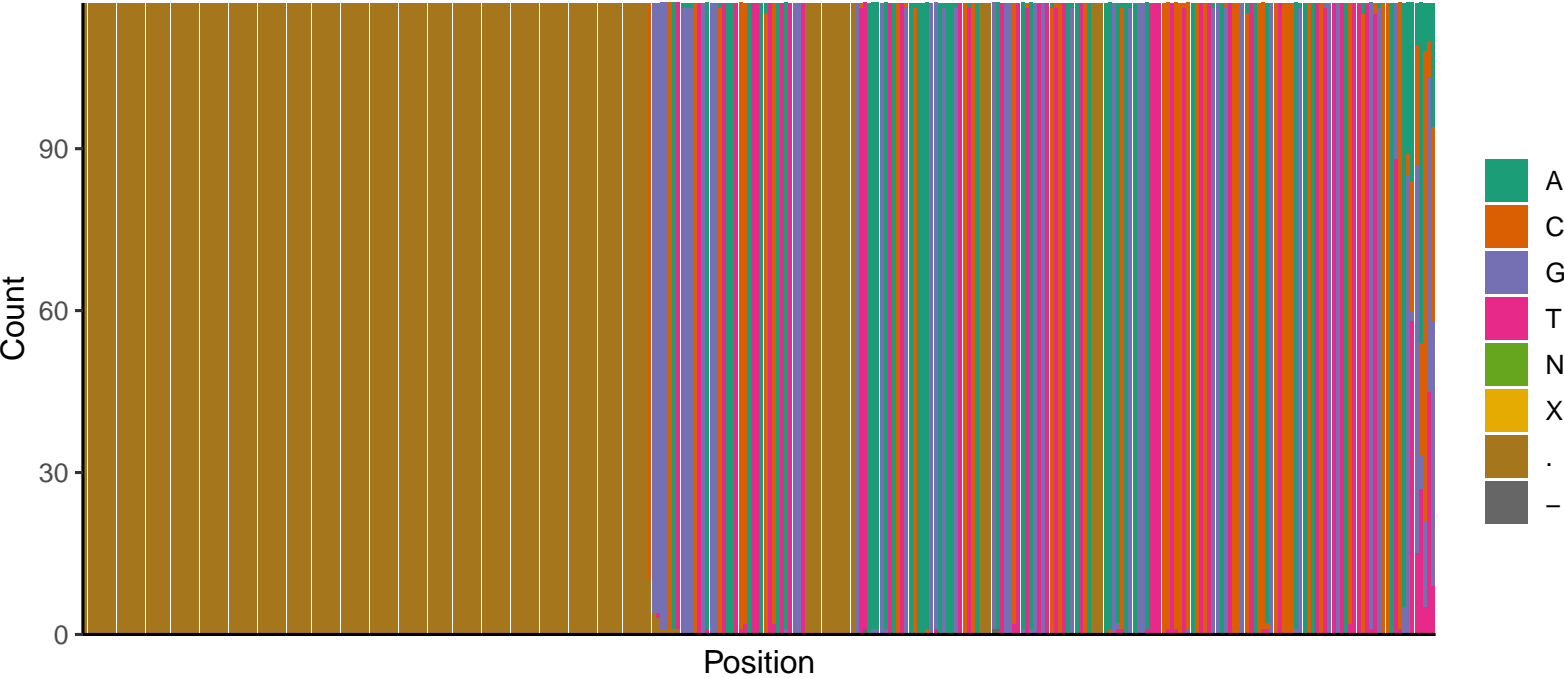
Gene TRBV14*bp02_322CAAGA326



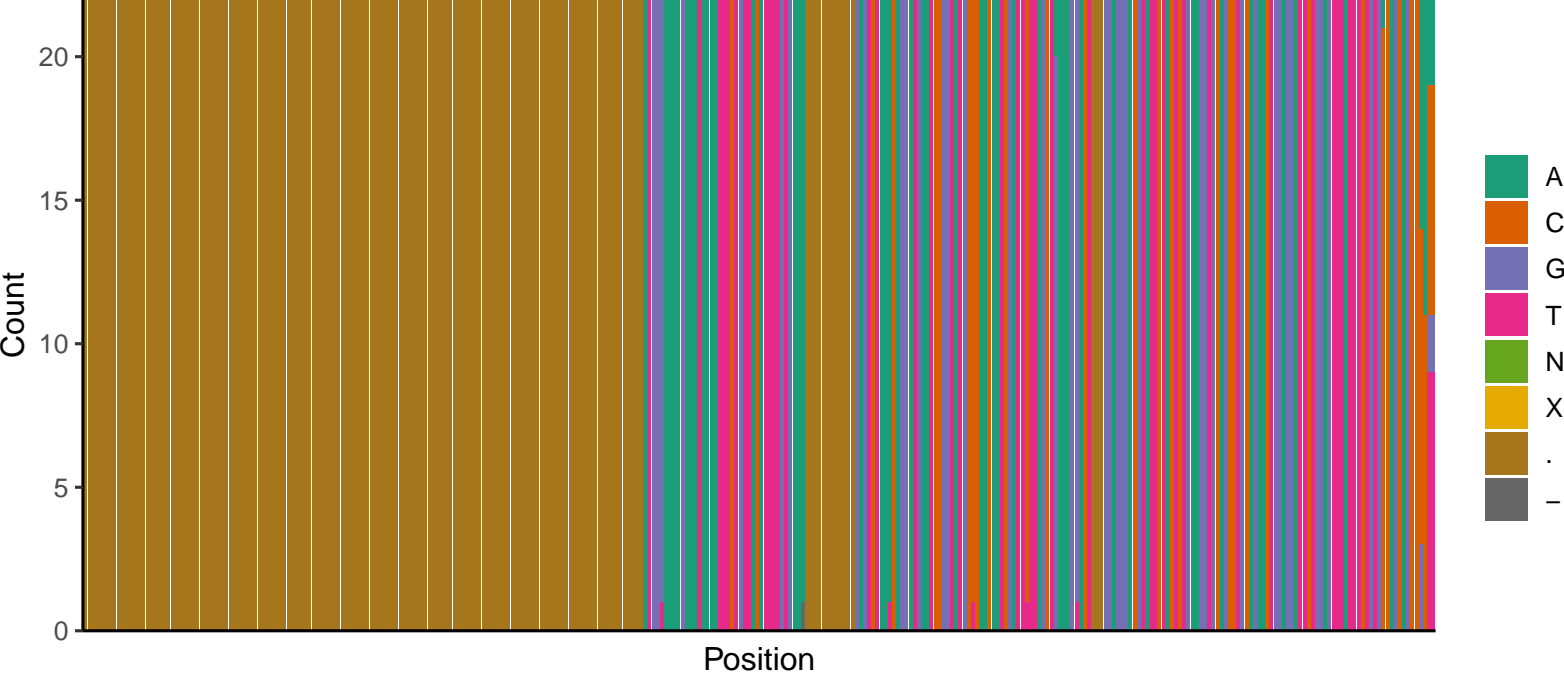
Gene TRBV20-1*bp04_322GA323



Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326



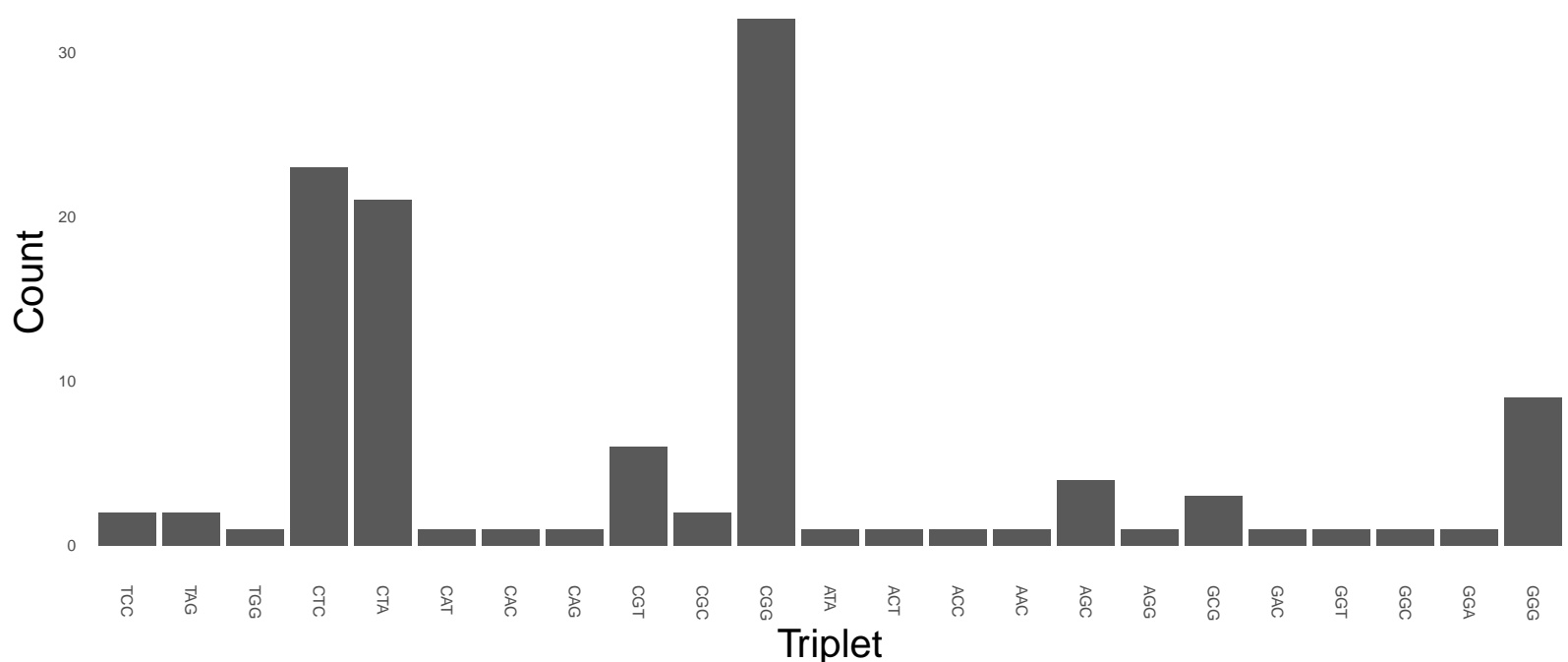
Gene TRBV14*bp02_322CAAGA326



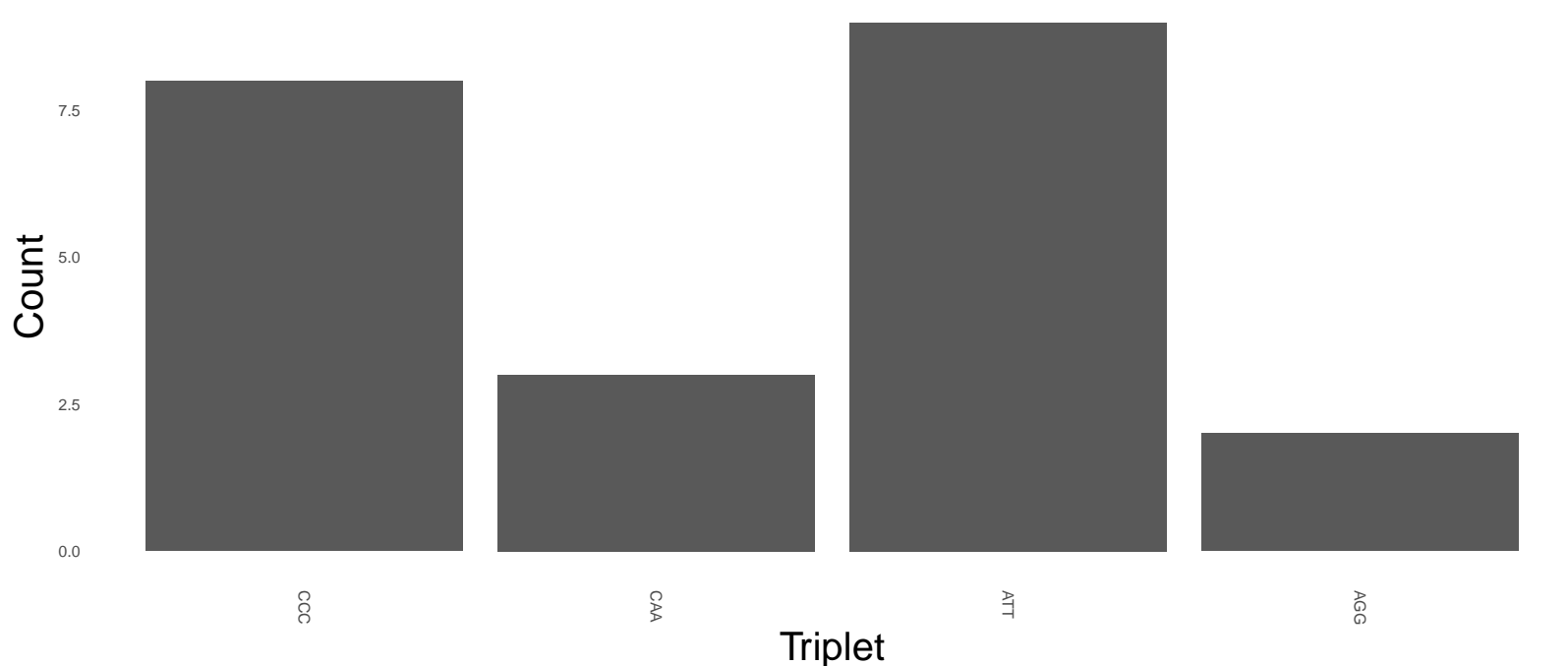
Gene TRBV20-1*bp04_322GA323



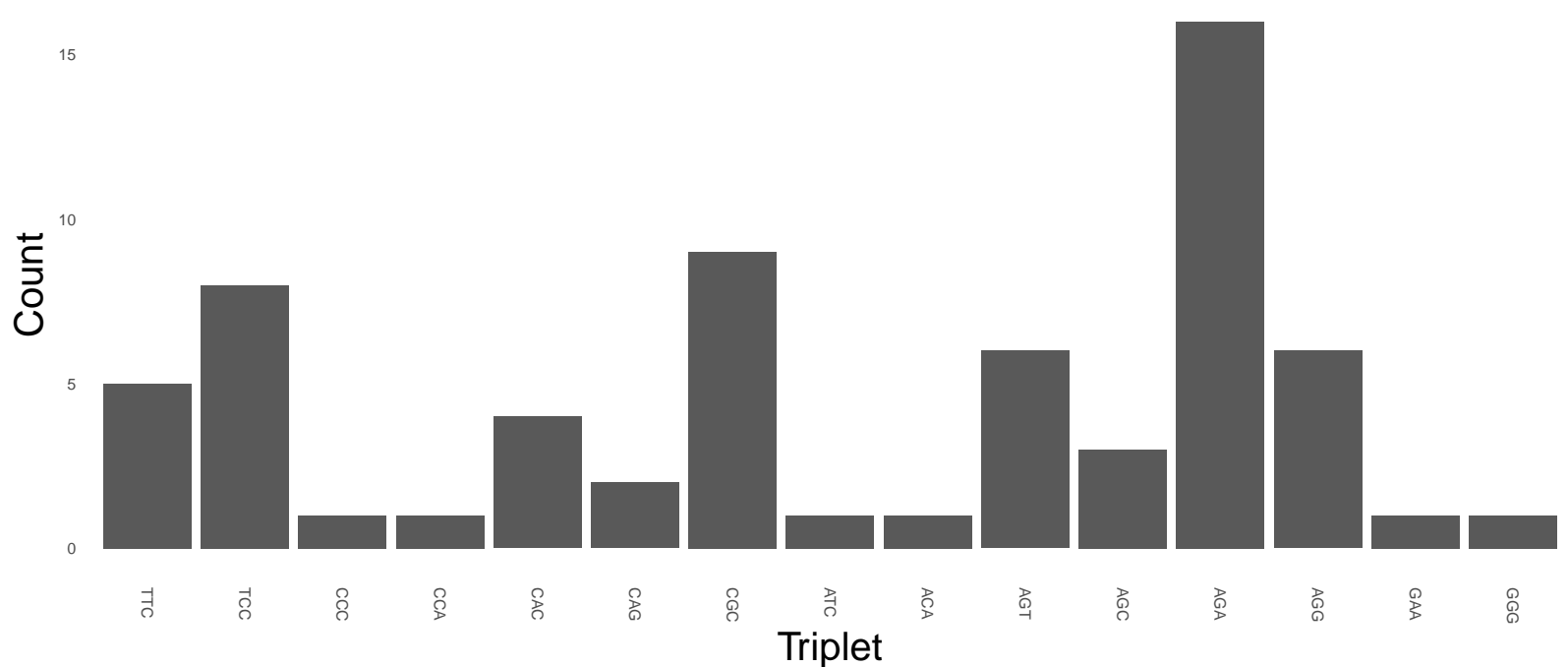
TRBV10–3*bp02_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



TRBV14*bp02_322CAAGA326– Final 3 nucleotides as a triplet

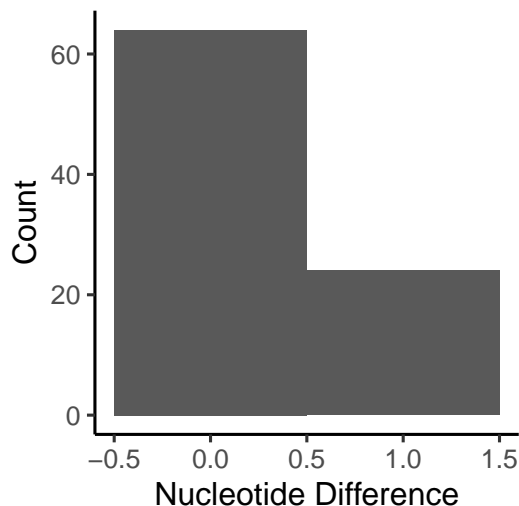


TRBV20–1*bp04_322GA323– Final 3 nucleotides as a triplet



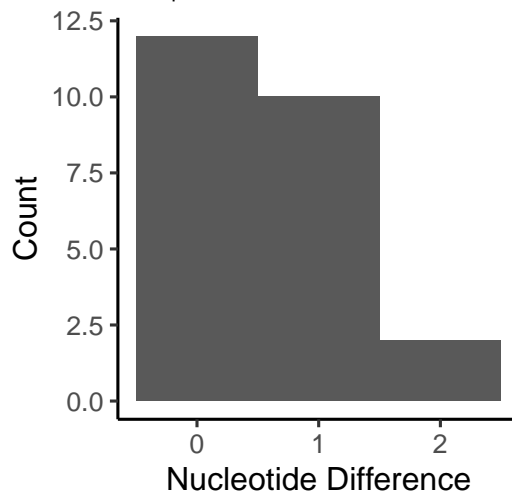
TRBV20–1*bp01

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



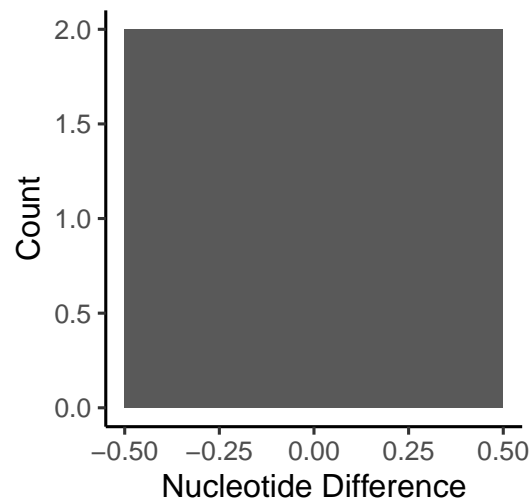
TRBV10–2*bp01

24 sequences assigned
12 (50%) exact matches, in which:
5 unique CDR3
2 unique J



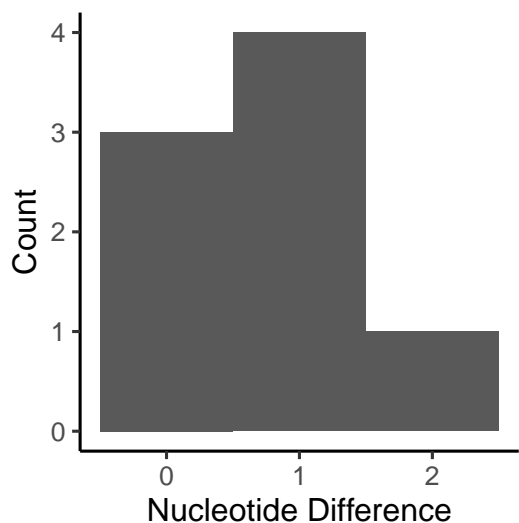
TRBV13*bp01

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



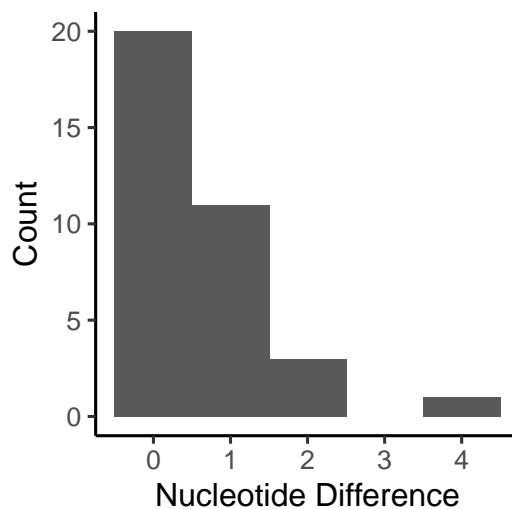
TRBV10–1*bp01

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



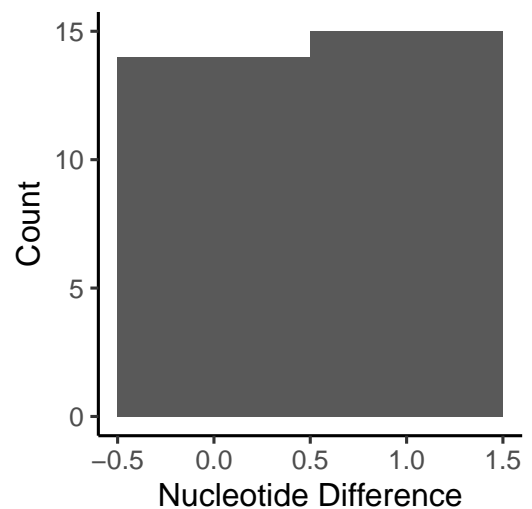
TRBV10–3*bp01

35 sequences assigned
20 (57.1%) exact matches, in which:
17 unique CDR3
7 unique J



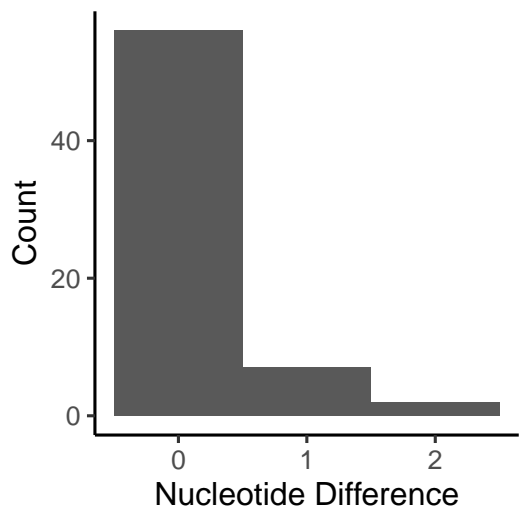
TRBV14*bp01

29 sequences assigned
14 (48.3%) exact matches, in which:
11 unique CDR3
5 unique J



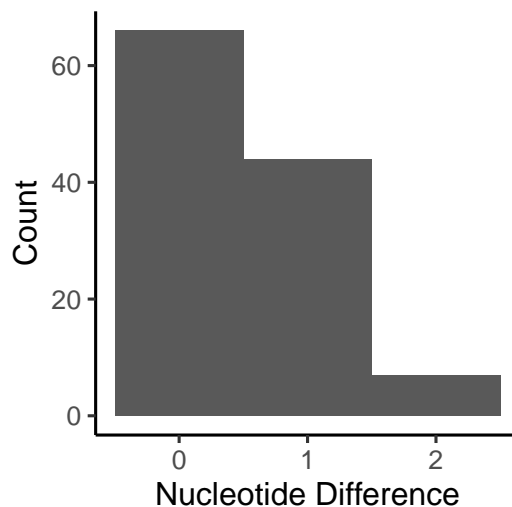
TRBV20–1*bp04_322GA3

65 sequences assigned
56 (86.2%) exact matches, in which:
26 unique CDR3
9 unique J



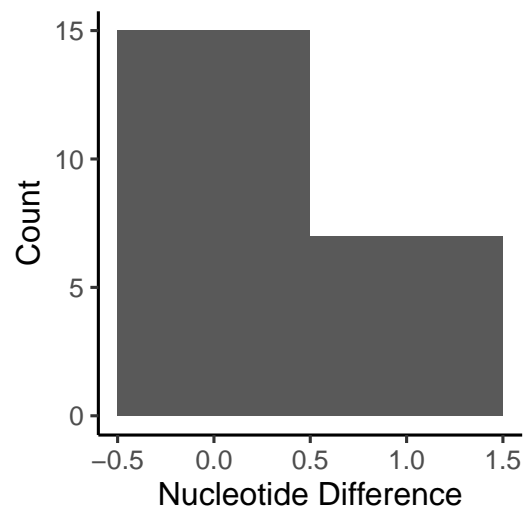
TRBV10–3*bp02_313GCC

117 sequences assigned
66 (56.4%) exact matches, in which:
50 unique CDR3
13 unique J



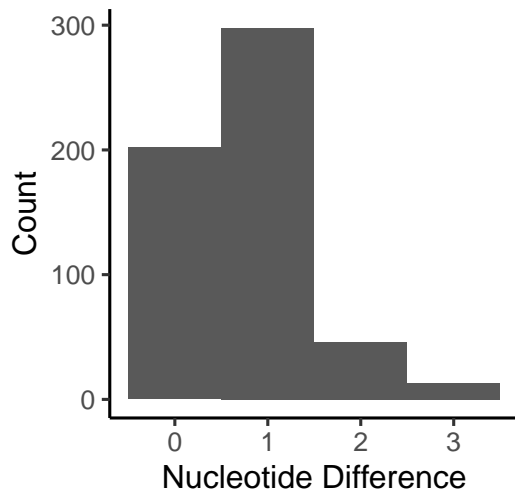
TRBV14*bp02_322CAAGA

22 sequences assigned
15 (68.2%) exact matches, in which:
11 unique CDR3
4 unique J



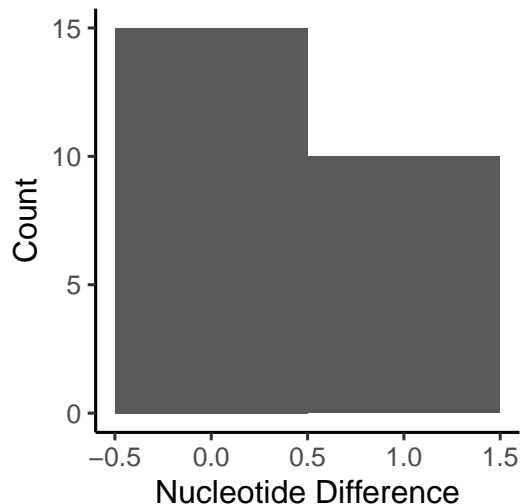
TRBV15*bp02

559 sequences assigned
202 (36.1%) exact matches, in which:
105 unique CDR3
9 unique J



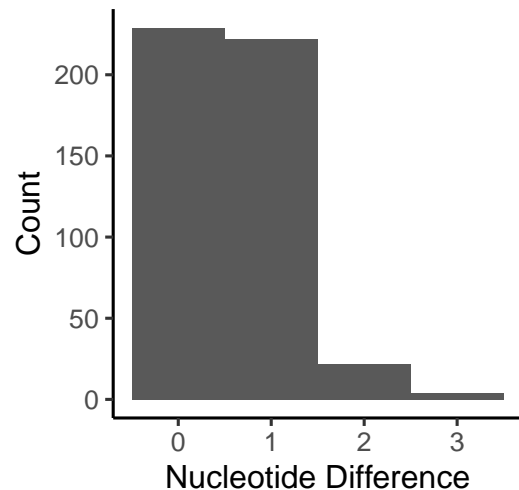
TRBV2*bp01

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



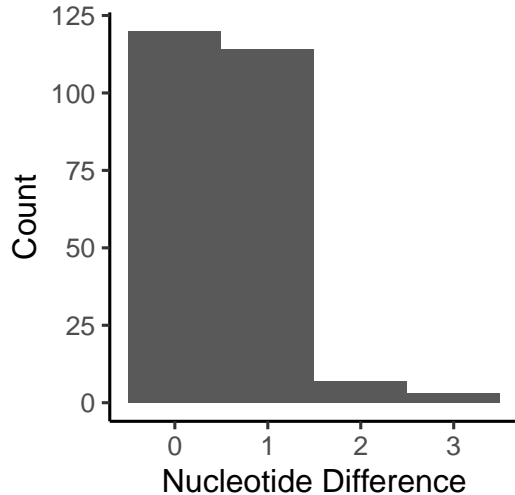
TRBV30*bp01

477 sequences assigned
229 (48%) exact matches, in which:
105 unique CDR3
11 unique J



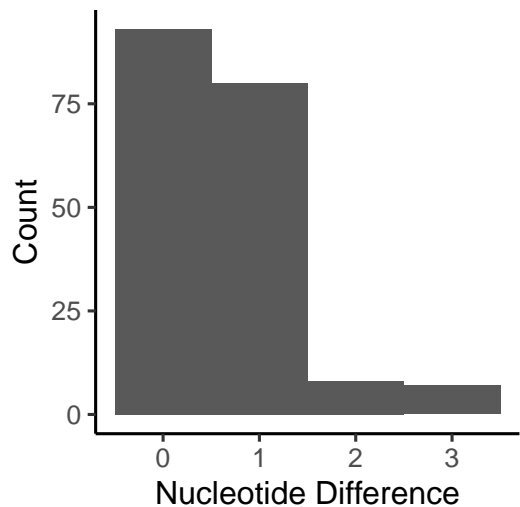
TRBV18*bp01

244 sequences assigned
120 (49.2%) exact matches, in which:
62 unique CDR3
9 unique J



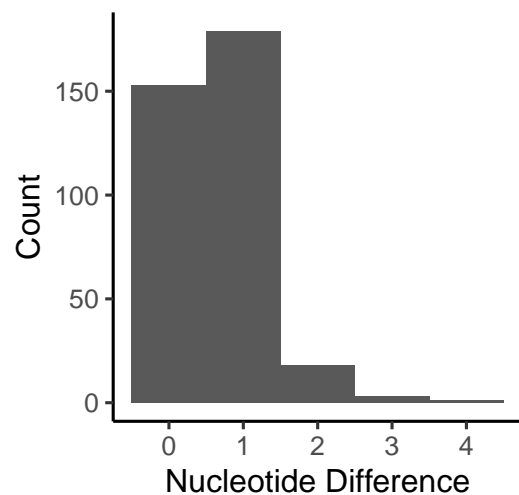
TRBV27*bp01

188 sequences assigned
93 (49.5%) exact matches, in which:
61 unique CDR3
9 unique J



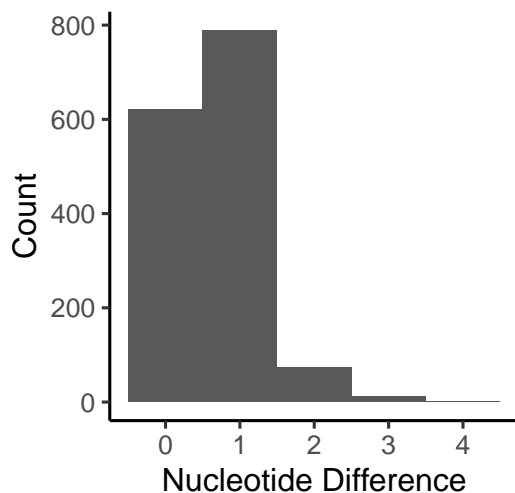
TRBV30*bp02

354 sequences assigned
153 (43.2%) exact matches, in which:
70 unique CDR3
10 unique J



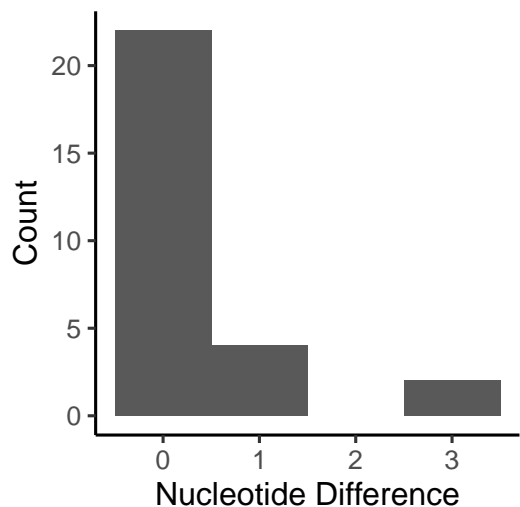
TRBV19*bp01

1496 sequences assigned
620 (41.4%) exact matches, in which:
307 unique CDR3
12 unique J



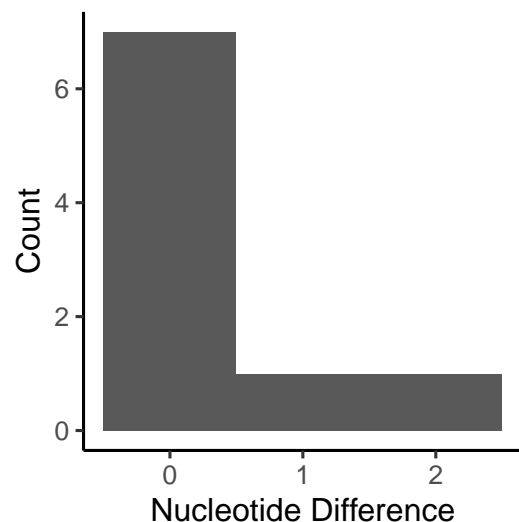
TRBV28*bp01

28 sequences assigned
22 (78.6%) exact matches, in which:
17 unique CDR3
6 unique J



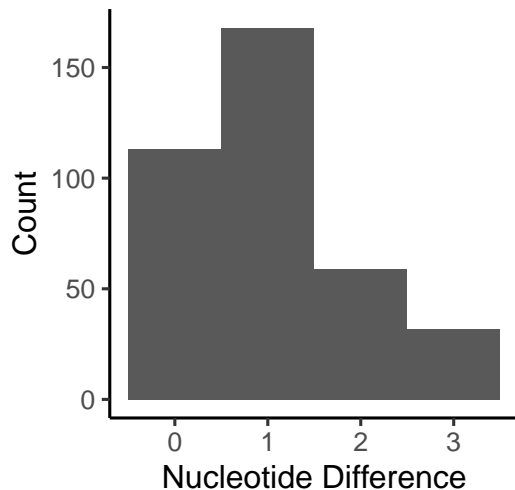
TRBV9*bp01

9 sequences assigned
7 (77.8%) exact matches, in which:
5 unique CDR3
4 unique J



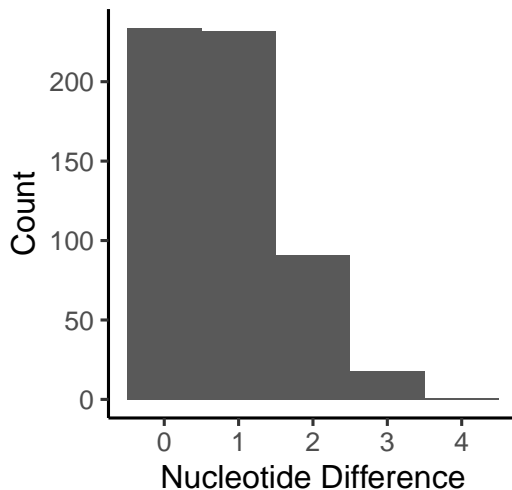
TRBV11–1*bp01

372 sequences assigned
113 (30.4%) exact matches, in which:
68 unique CDR3
11 unique J



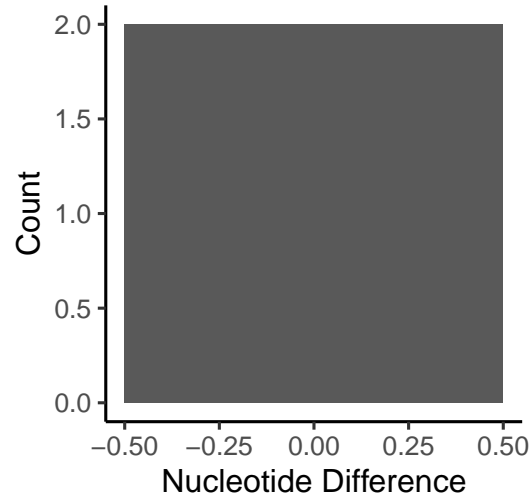
TRBV11–3*bp01

576 sequences assigned
234 (40.6%) exact matches, in which:
117 unique CDR3
13 unique J



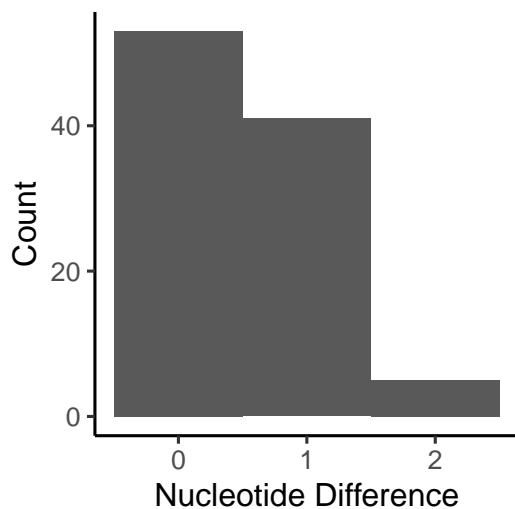
TRBV23–1*bp01

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



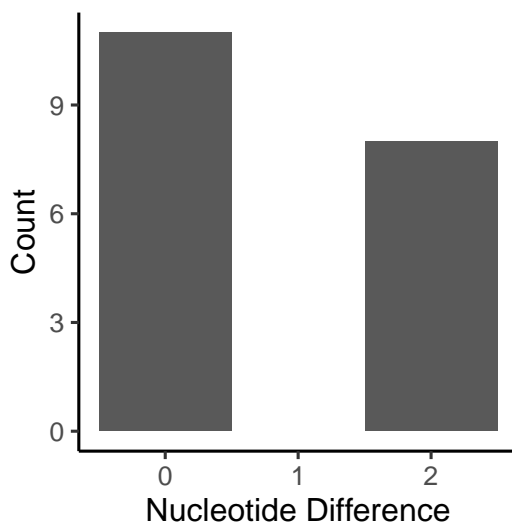
TRBV21–1*bp01

99 sequences assigned
53 (53.5%) exact matches, in which:
41 unique CDR3
10 unique J



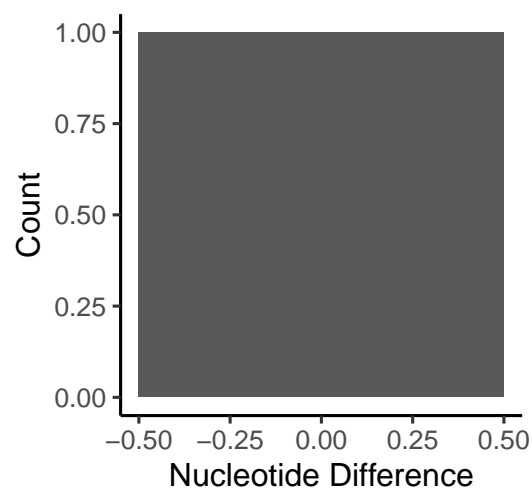
TRBV12–5*bp01

19 sequences assigned
11 (57.9%) exact matches, in which:
7 unique CDR3
5 unique J



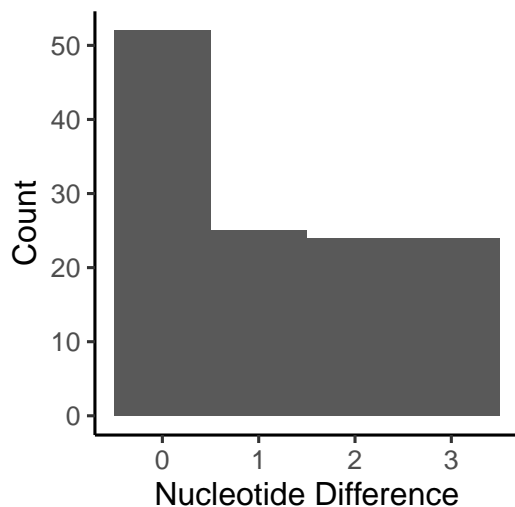
TRBV3–1*bp01

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



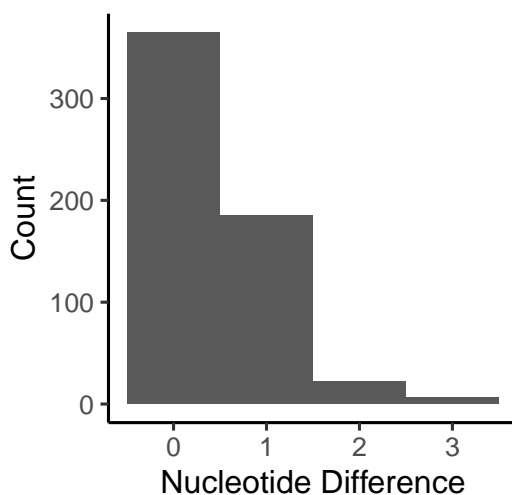
TRBV11–2*bp01

125 sequences assigned
52 (41.6%) exact matches, in which:
32 unique CDR3
9 unique J



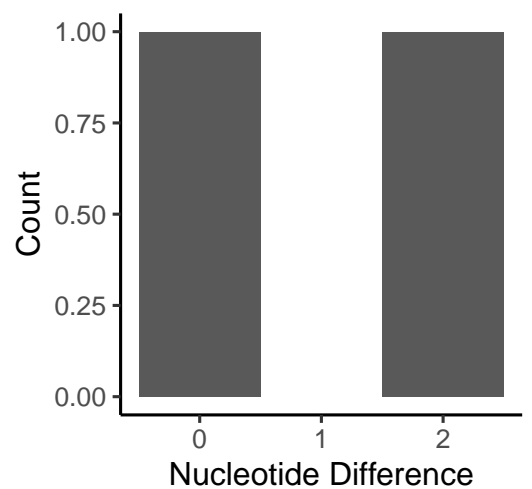
TRBV12–34*bp01

578 sequences assigned
365 (63.1%) exact matches, in which:
154 unique CDR3
14 unique J



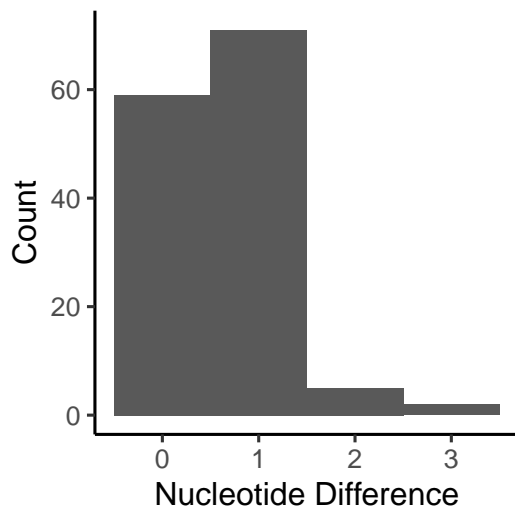
TRBV3–2*bp01

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



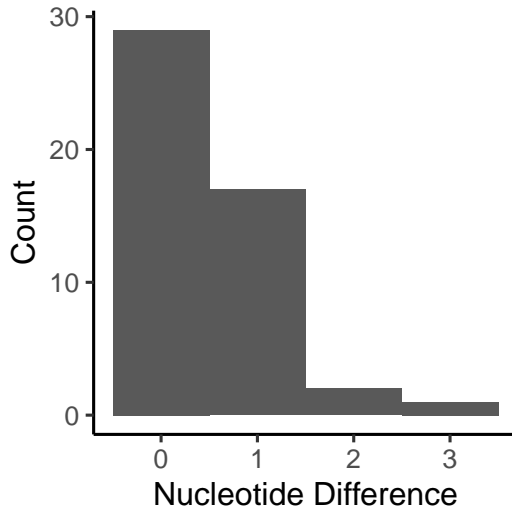
TRBV24-1*bp01

137 sequences assigned
59 (43.1%) exact matches, in which:
33 unique CDR3
6 unique J



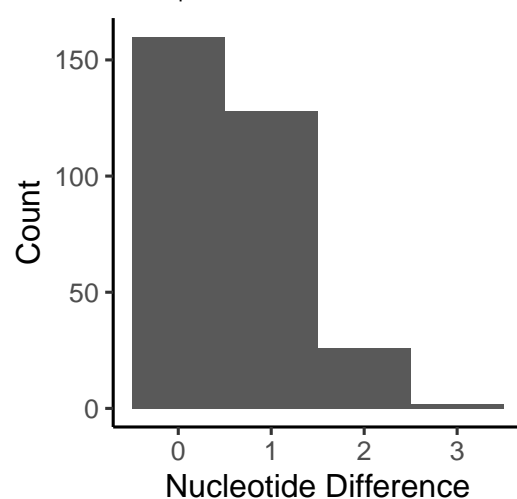
TRBV4-3*bp01

49 sequences assigned
29 (59.2%) exact matches, in which:
19 unique CDR3
8 unique J



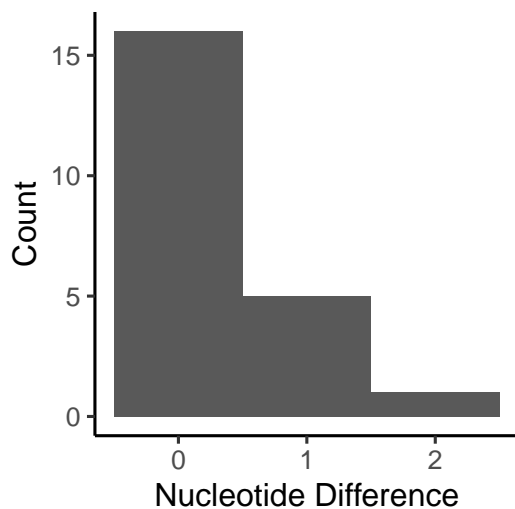
TRBV5-4*bp01

316 sequences assigned
160 (50.6%) exact matches, in which:
81 unique CDR3
14 unique J



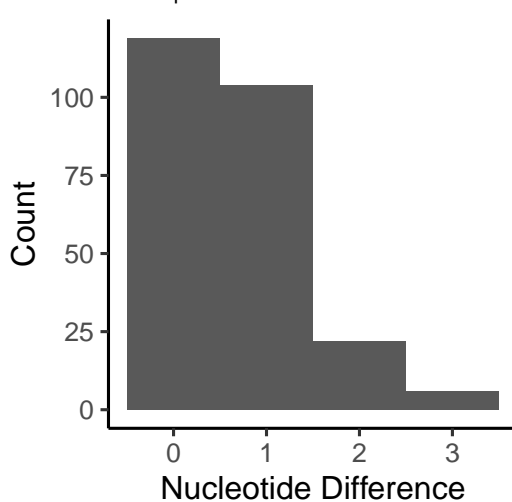
TRBV4-1*bp01

22 sequences assigned
16 (72.7%) exact matches, in which:
9 unique CDR3
5 unique J



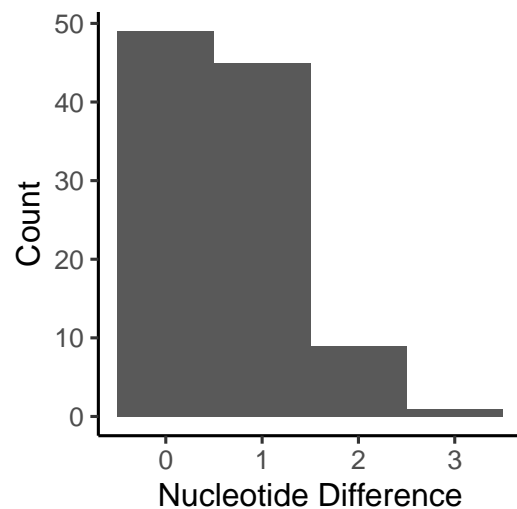
TRBV5-1*bp01

251 sequences assigned
119 (47.4%) exact matches, in which:
55 unique CDR3
11 unique J



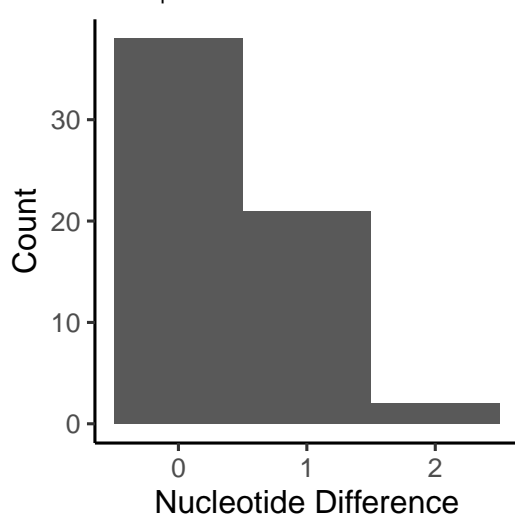
TRBV5-5*bp01

104 sequences assigned
49 (47.1%) exact matches, in which:
28 unique CDR3
8 unique J



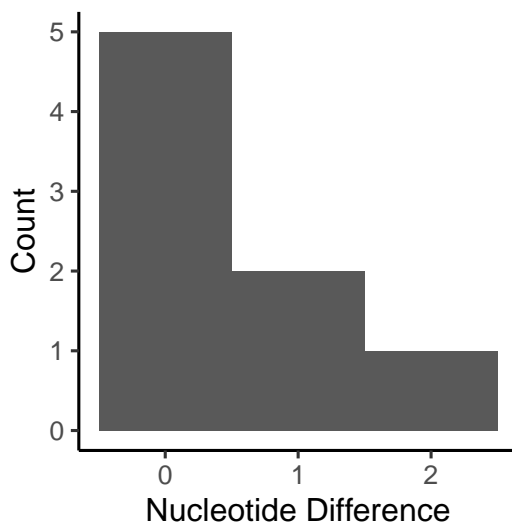
TRBV4-2*bp01

61 sequences assigned
38 (62.3%) exact matches, in which:
28 unique CDR3
10 unique J



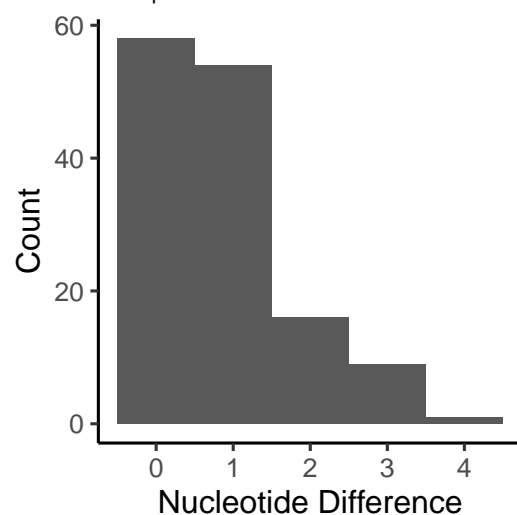
TRBV25-1*bp01

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



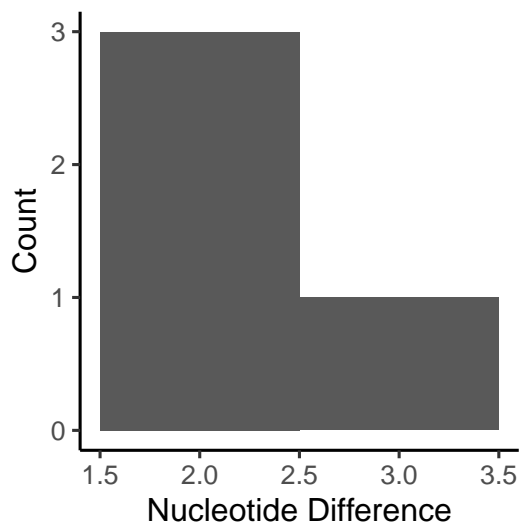
TRBV5-6*bp01

138 sequences assigned
58 (42%) exact matches, in which:
32 unique CDR3
8 unique J



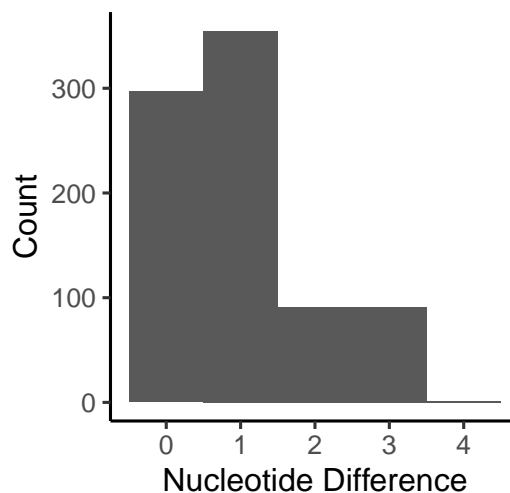
TRBV5-7*bp01

4 sequences assigned
No exact matches.



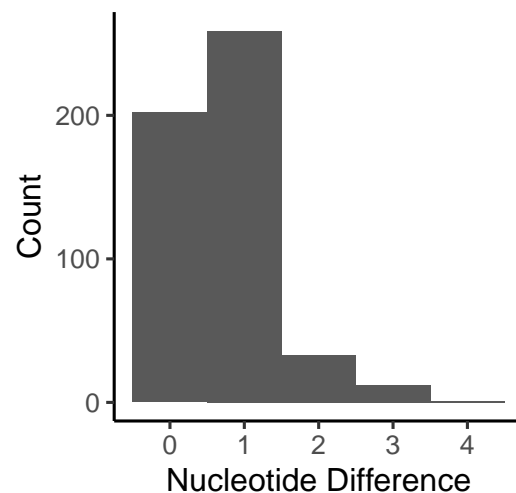
TRBV6-5*bp01

835 sequences assigned
297 (35.6%) exact matches, in which:
191 unique CDR3
13 unique J



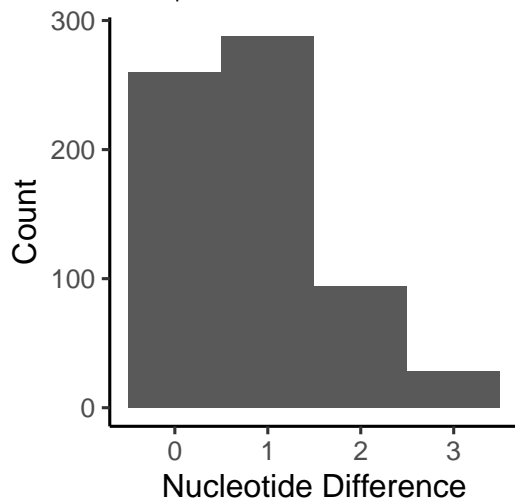
TRBV6-23*bp01

507 sequences assigned
202 (39.8%) exact matches, in which:
125 unique CDR3
13 unique J



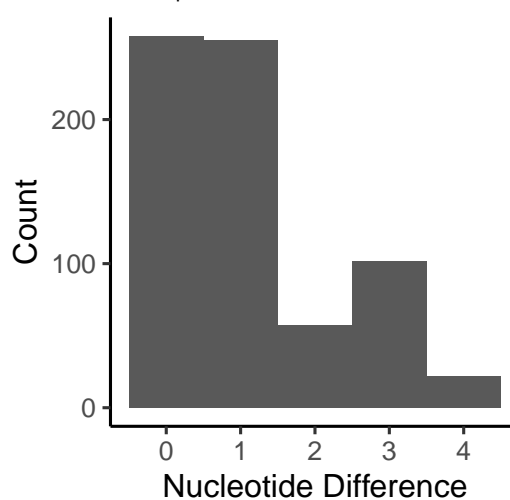
TRBV6-1*bp01

670 sequences assigned
260 (38.8%) exact matches, in which:
166 unique CDR3
13 unique J



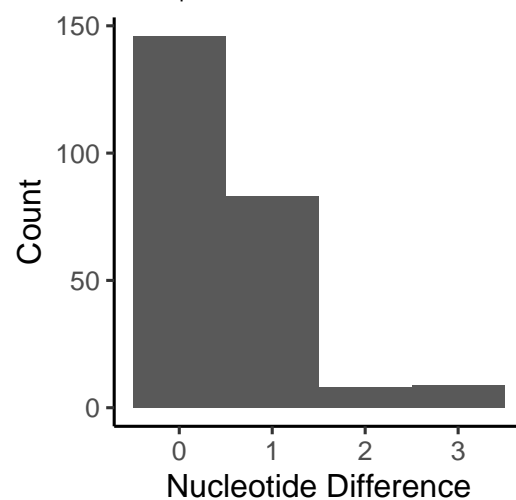
TRBV6-6*bp01

694 sequences assigned
258 (37.2%) exact matches, in which:
170 unique CDR3
13 unique J



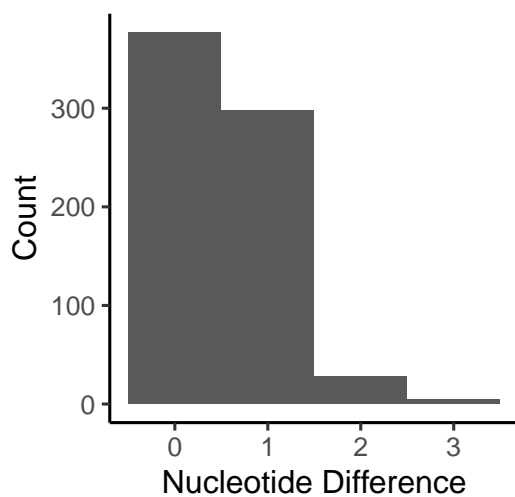
TRBV7-2*bp01

246 sequences assigned
146 (59.3%) exact matches, in which:
64 unique CDR3
11 unique J



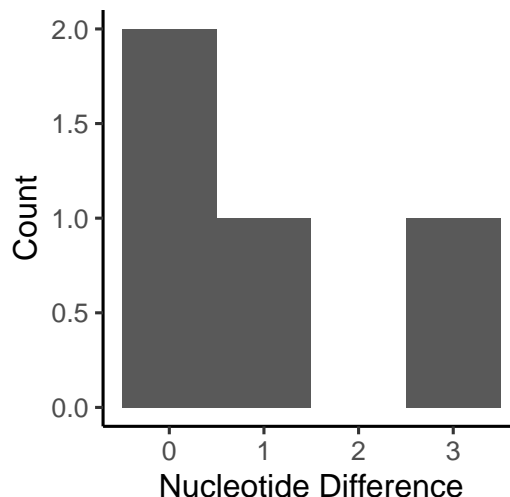
TRBV6-4*bp01

708 sequences assigned
377 (53.2%) exact matches, in which:
187 unique CDR3
14 unique J



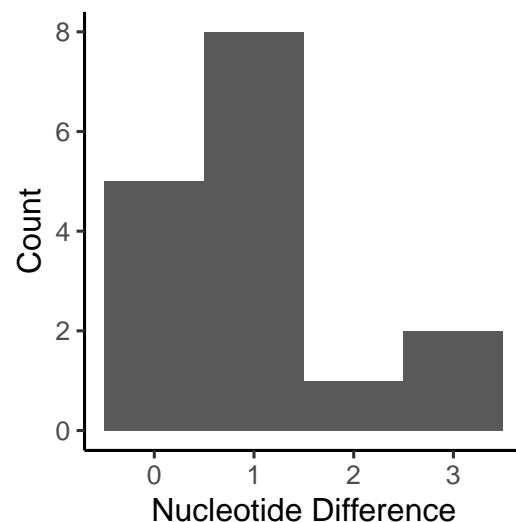
TRBV6-7*bp01

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



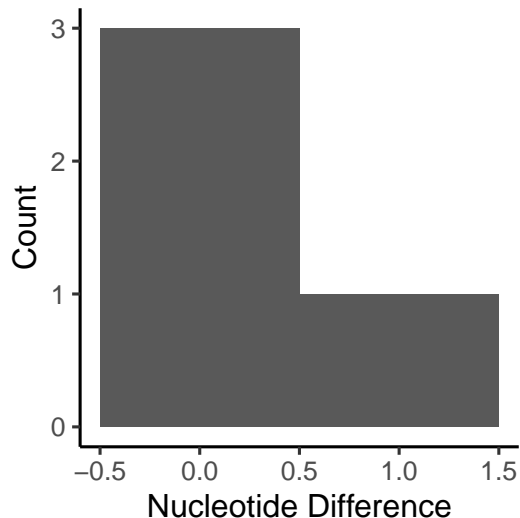
TRBV7-3*bp01

16 sequences assigned
5 (31.2%) exact matches, in which:
5 unique CDR3
3 unique J



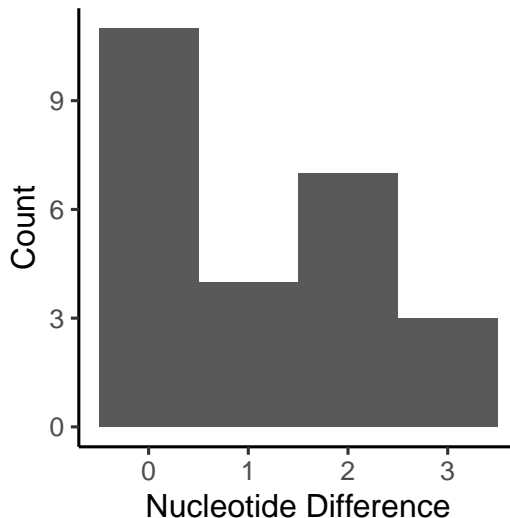
TRBV7-3*bp02

4 sequences assigned
3 (75%) exact matches, in which:
1 unique CDR3
1 unique J



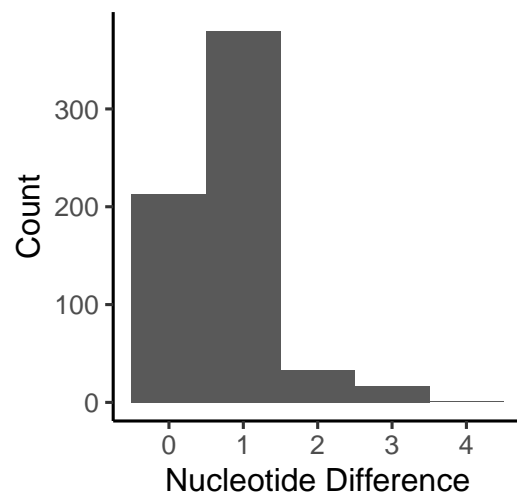
TRBV7-7*bp01

25 sequences assigned
11 (44%) exact matches, in which:
4 unique CDR3
2 unique J



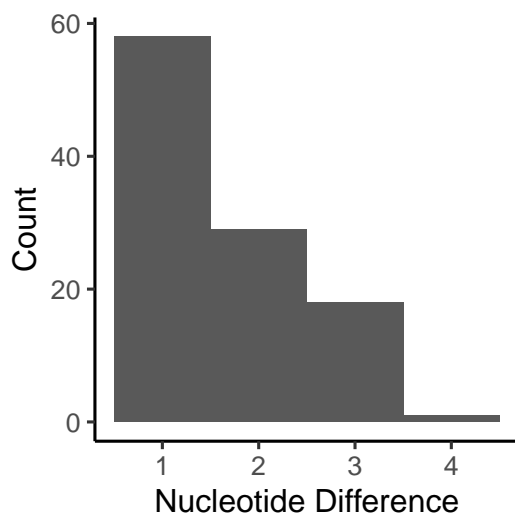
TRBV29-1*bp03

644 sequences assigned
213 (33.1%) exact matches, in which:
113 unique CDR3
10 unique J



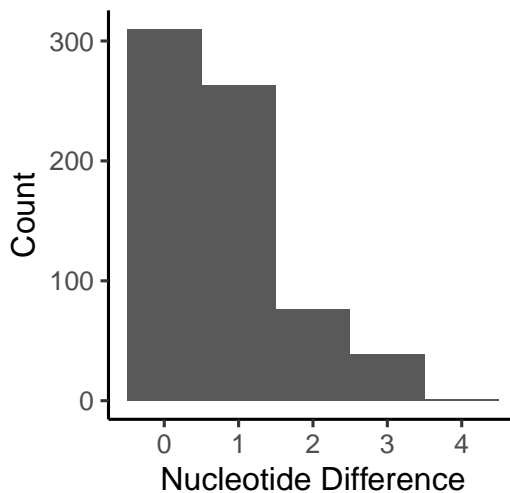
TRBV7-4*bp01

106 sequences assigned
No exact matches.



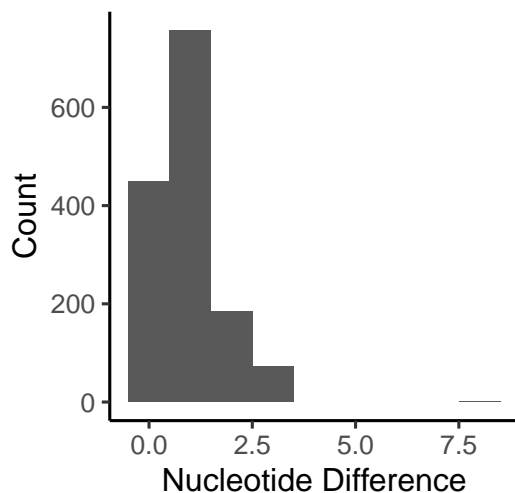
TRBV7-9*bp01

689 sequences assigned
310 (45%) exact matches, in which:
147 unique CDR3
14 unique J



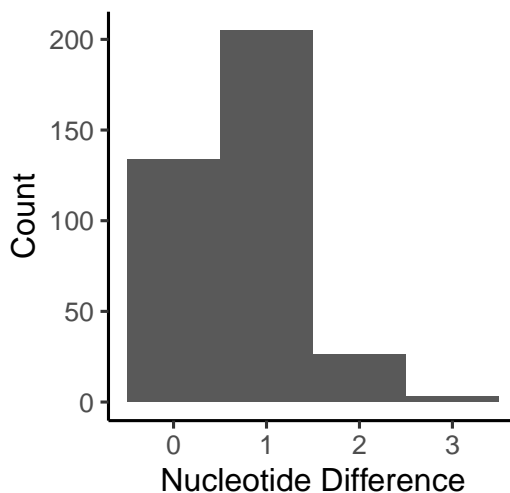
TRBV7-6*bp01

1465 sequences assigned
449 (30.6%) exact matches, in which:
191 unique CDR3
13 unique J

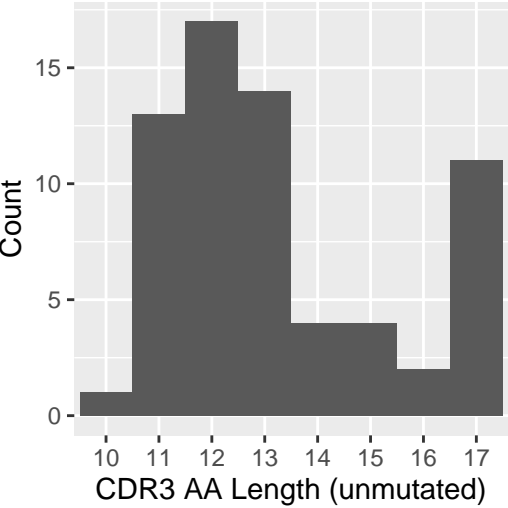


TRBV29-1*bp01

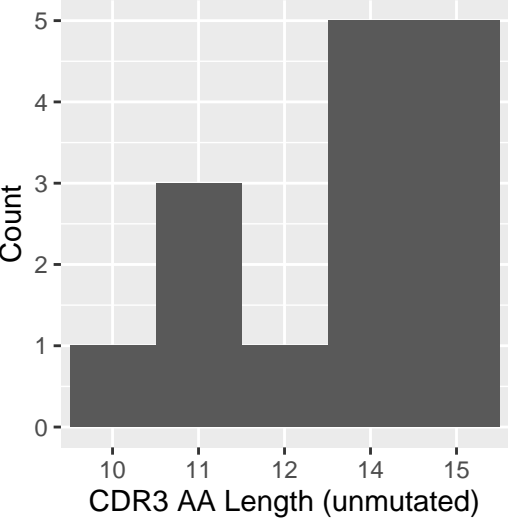
368 sequences assigned
134 (36.4%) exact matches, in which:
79 unique CDR3
10 unique J



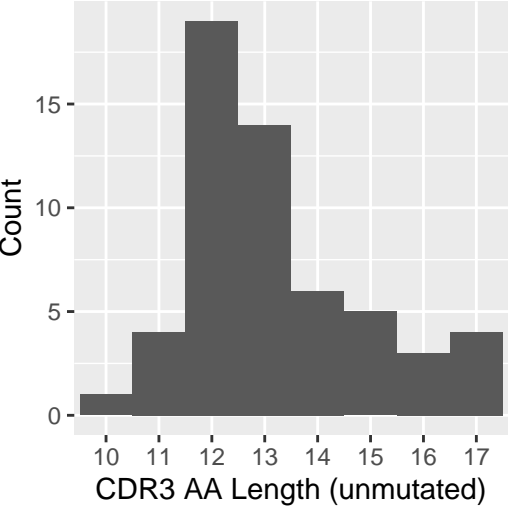
TRBV10-3*bp02_313GCCATCAGTGAGTC326



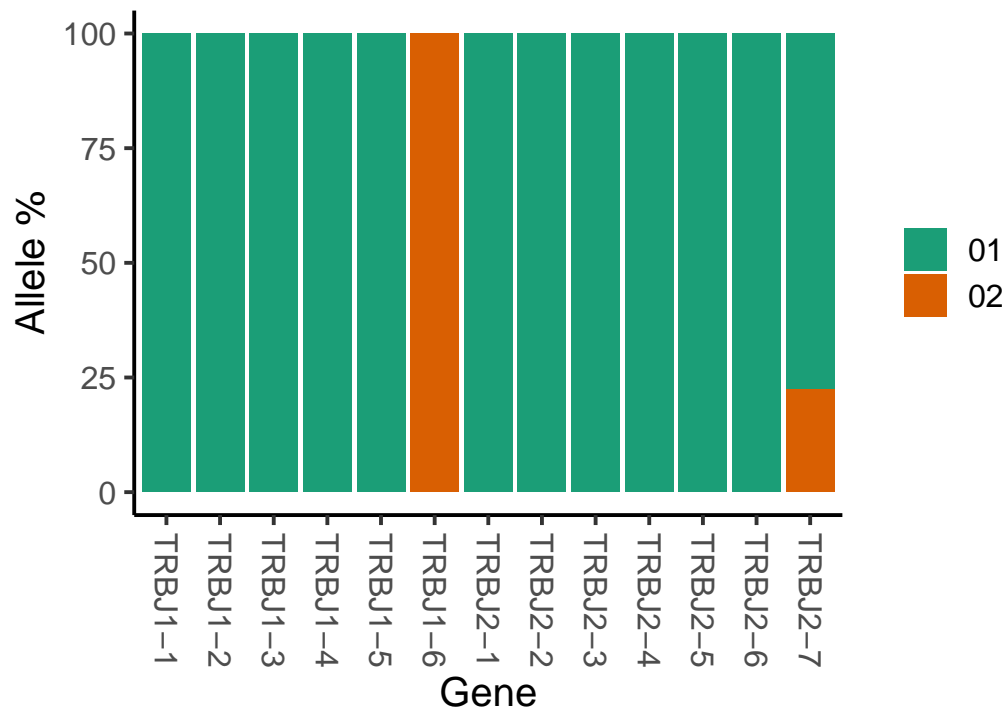
TRBV14*bp02_322CAAGA326



TRBV20-1*bp04_322GA323



Allele Usage



[illegible]