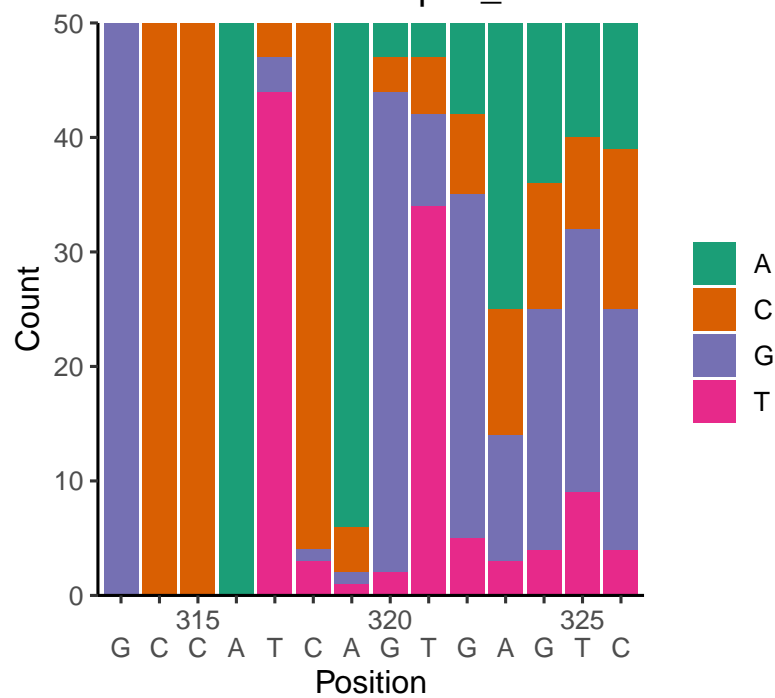
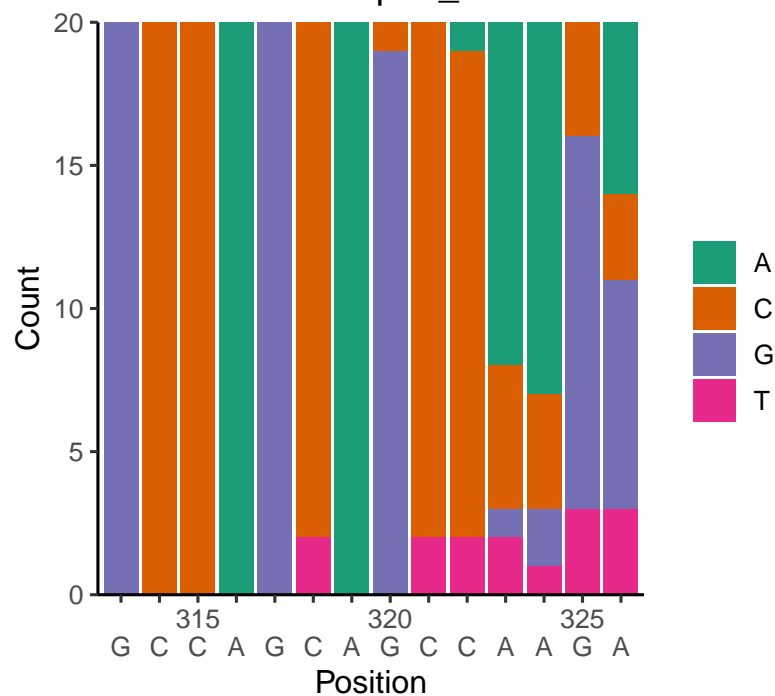


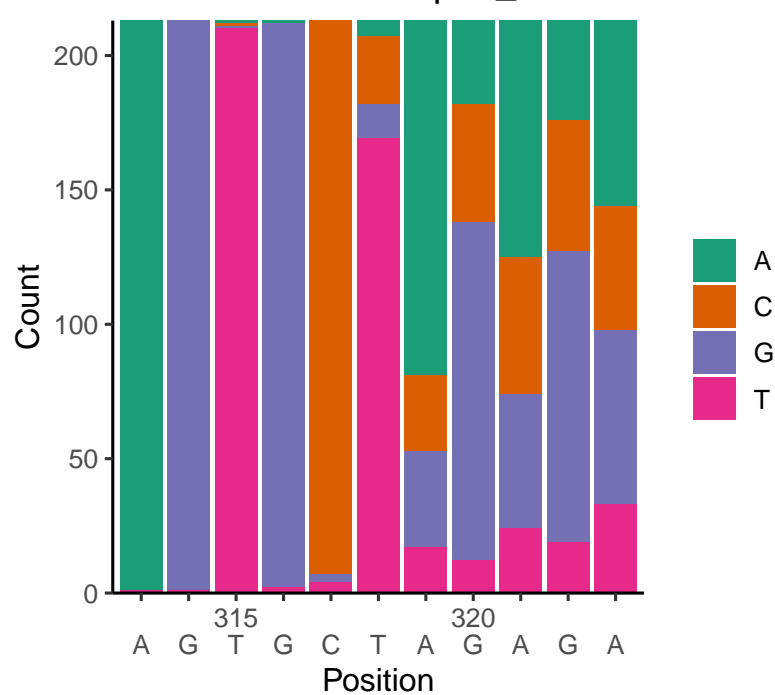
Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326



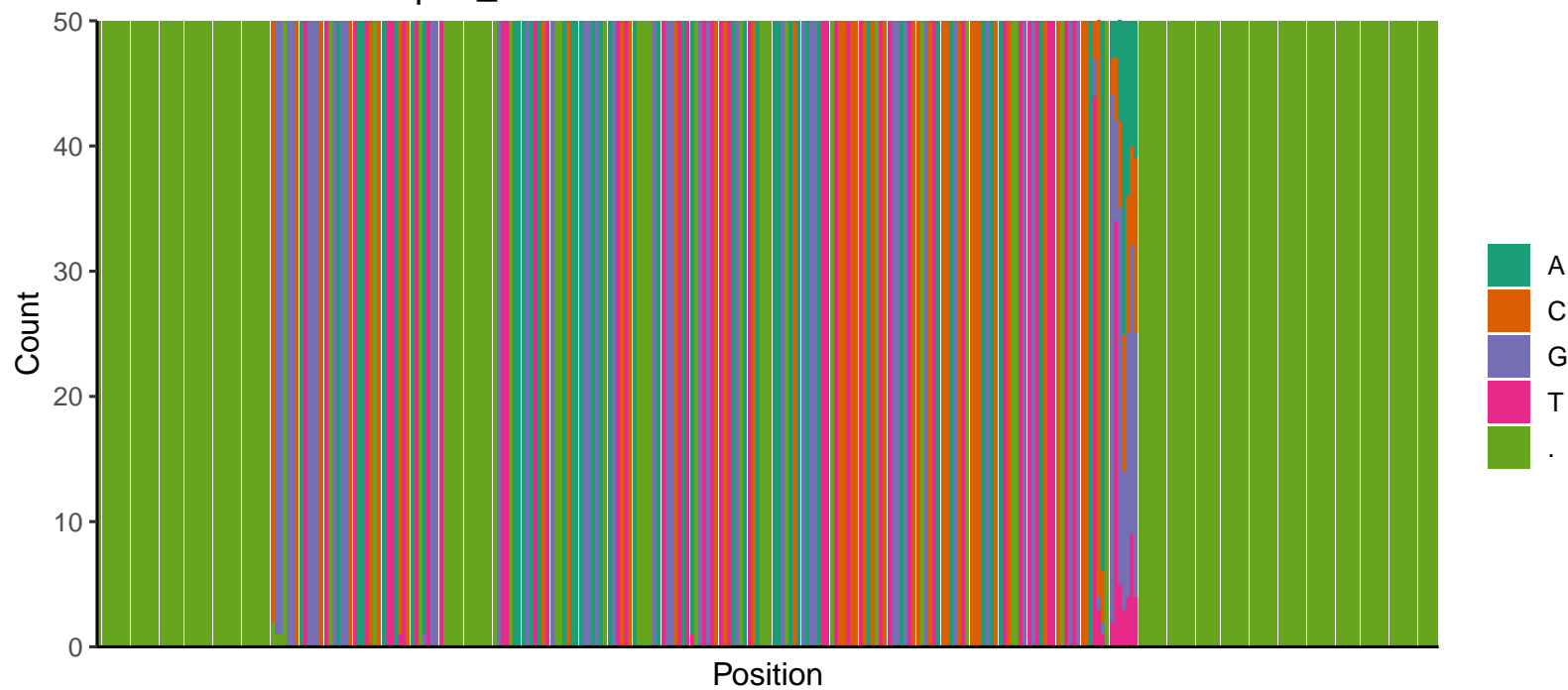
Gene TRBV14*bp02_322CAAGA326



Gene TRBV20-1*bp04_322GA323



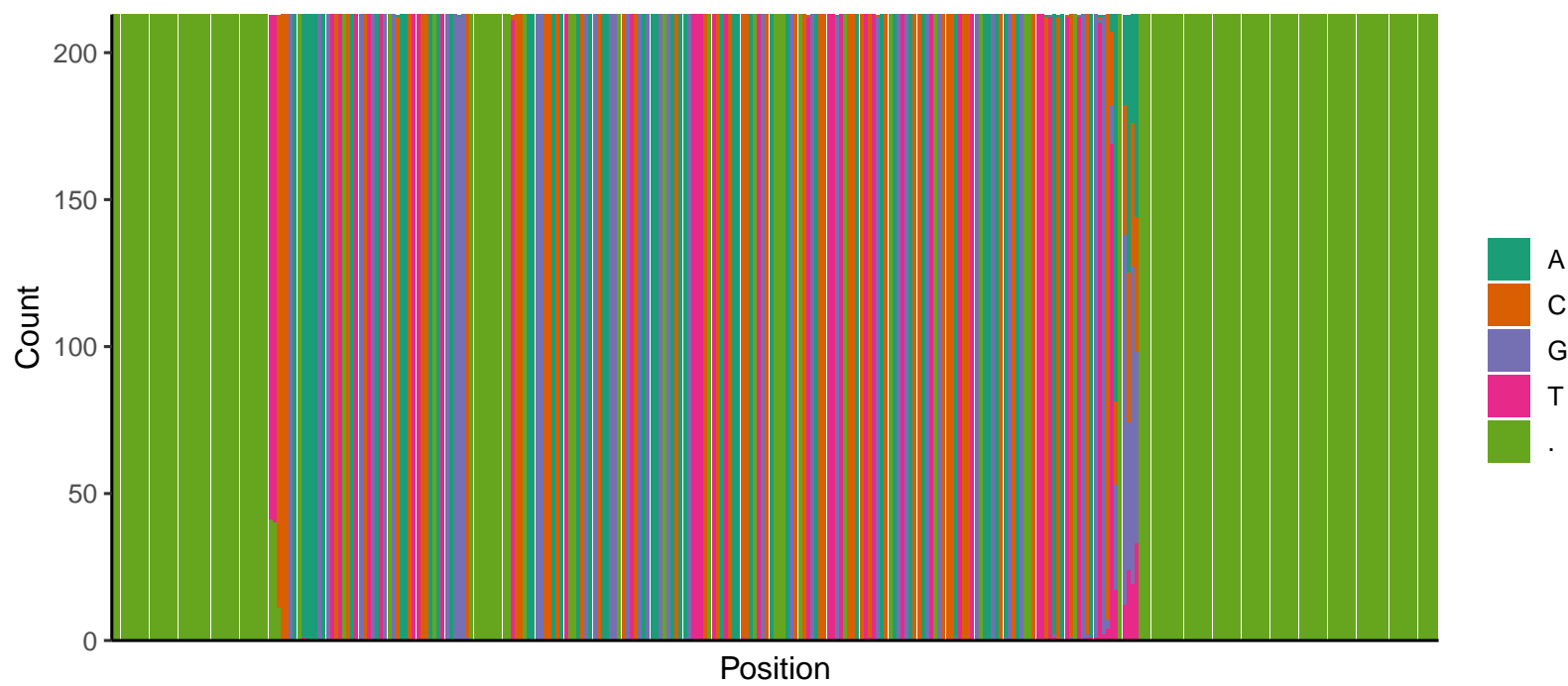
Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326



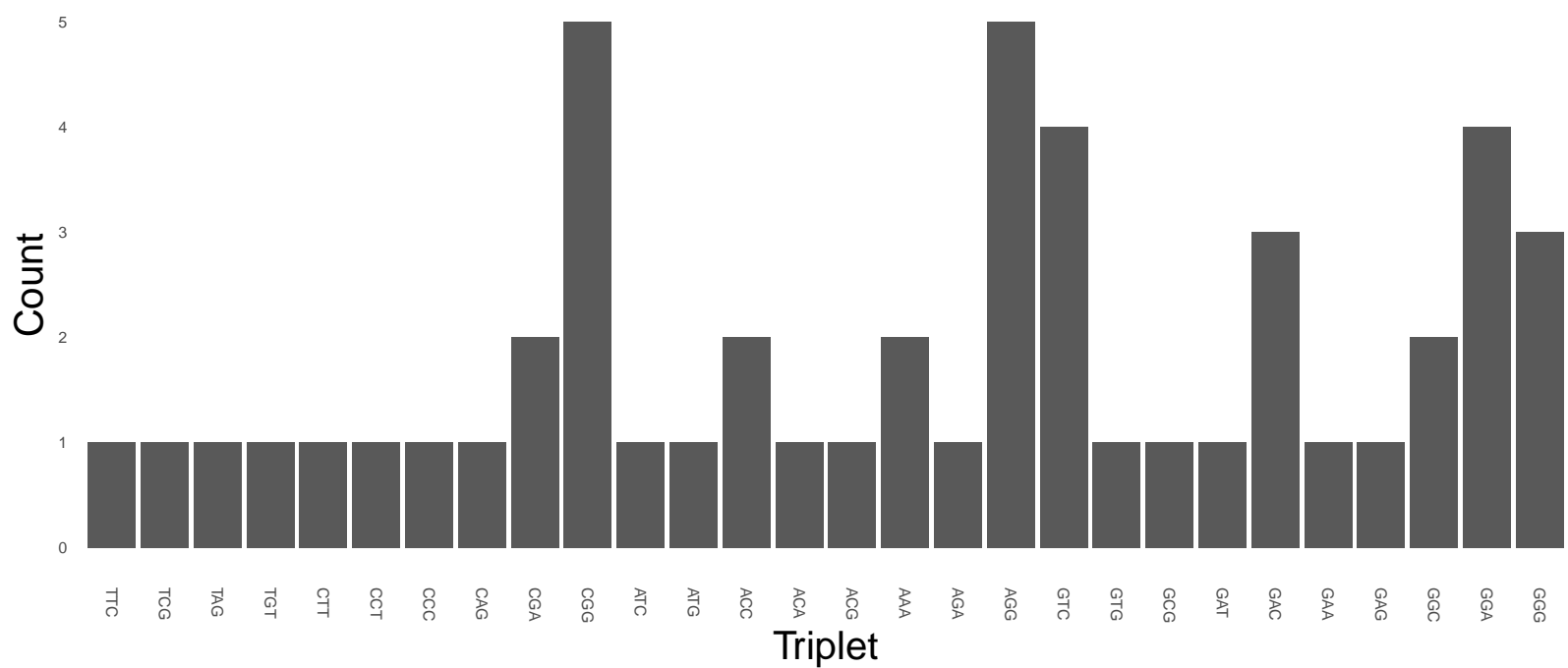
Gene TRBV14*bp02_322CAAGA326



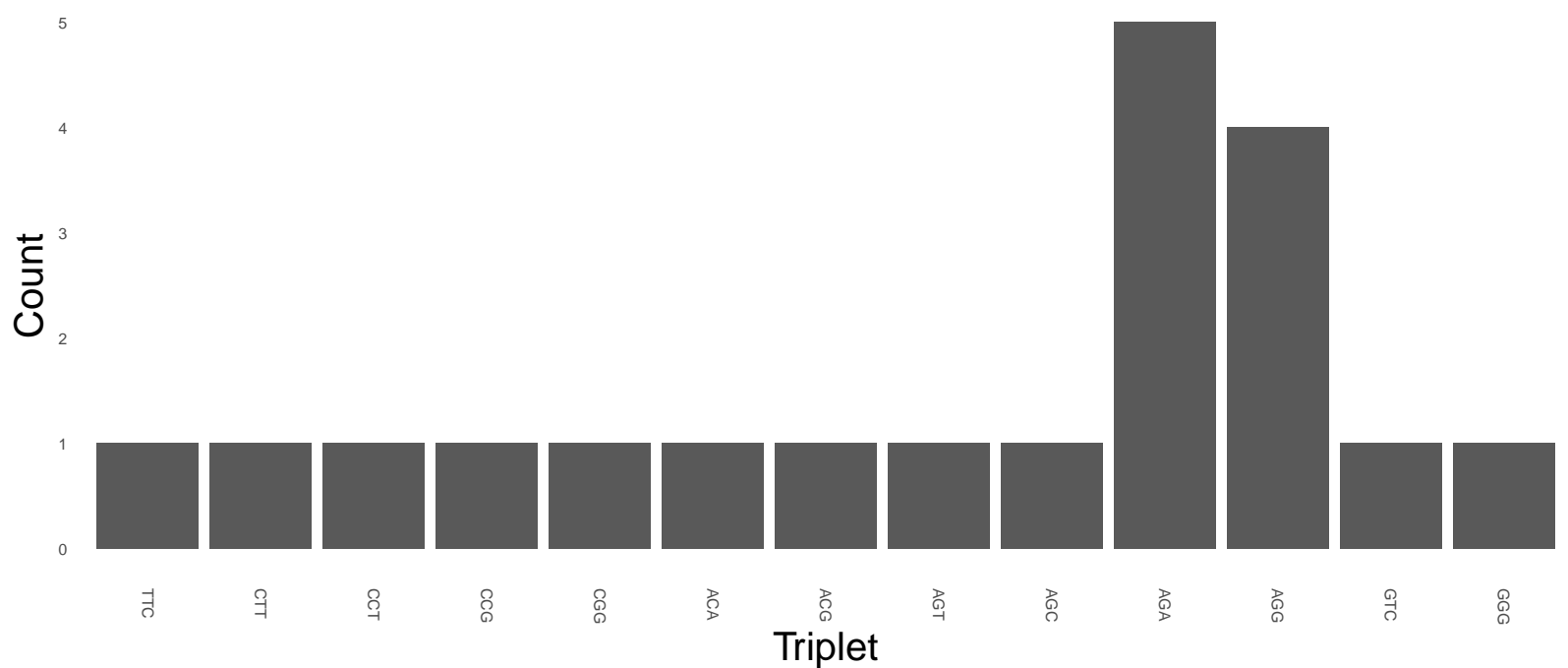
Gene TRBV20-1*bp04_322GA323



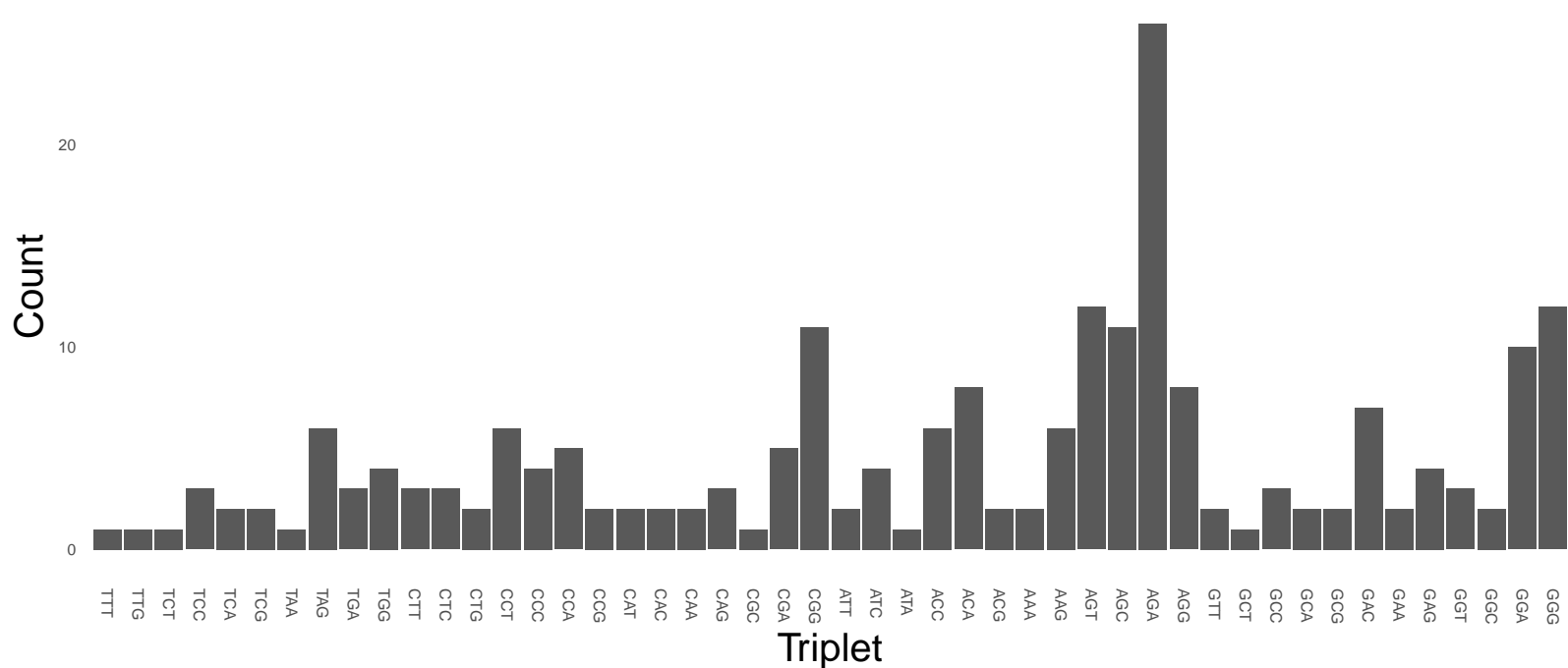
TRBV10–3*bp02_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



TRBV14*bp02_322CAAGA326– Final 3 nucleotides as a triplet

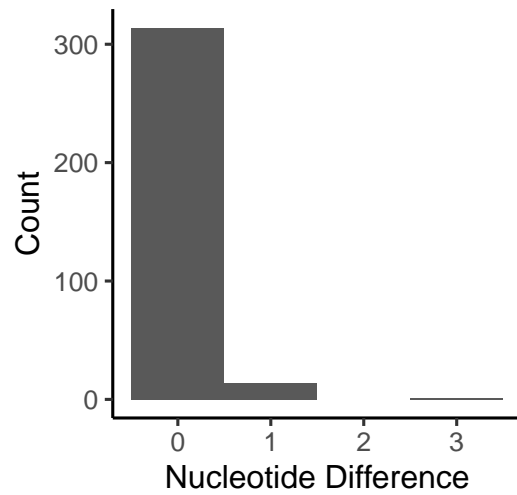


TRBV20–1*bp04_322GA323– Final 3 nucleotides as a triplet



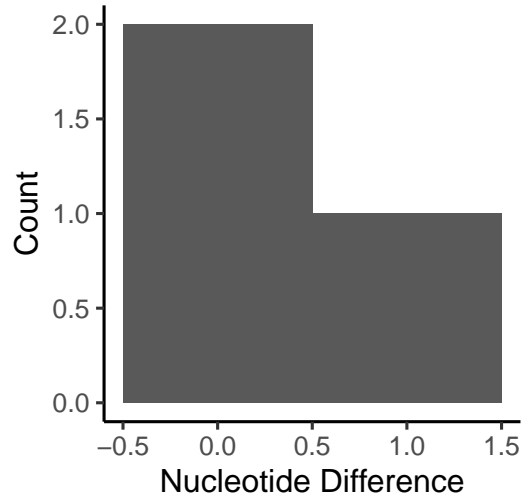
TRBV20–1*bp01

329 sequences assigned
314 (95.4%) exact matches, in which:
291 unique CDR3
14 unique J



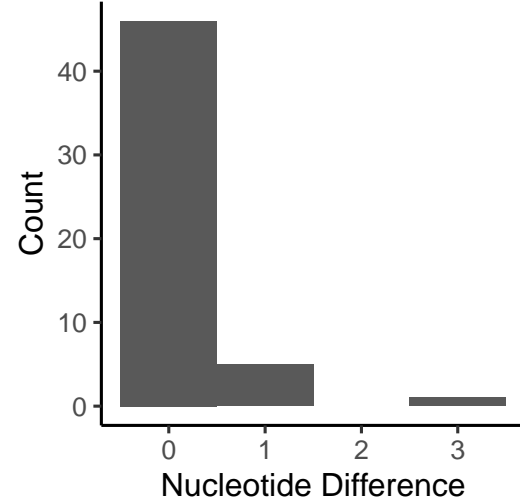
TRBV10–2*bp01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
2 unique J



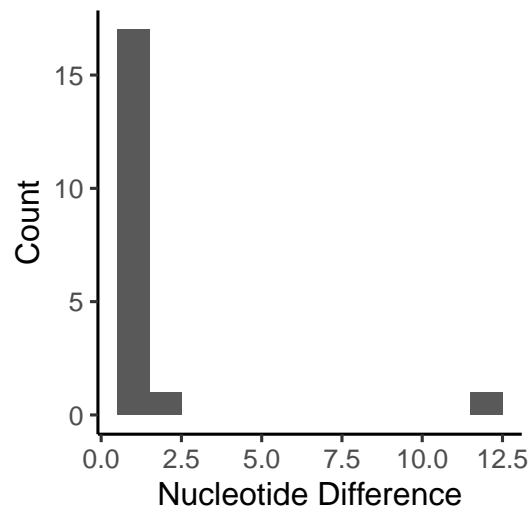
TRBV13*bp01

52 sequences assigned
46 (88.5%) exact matches, in which:
41 unique CDR3
11 unique J



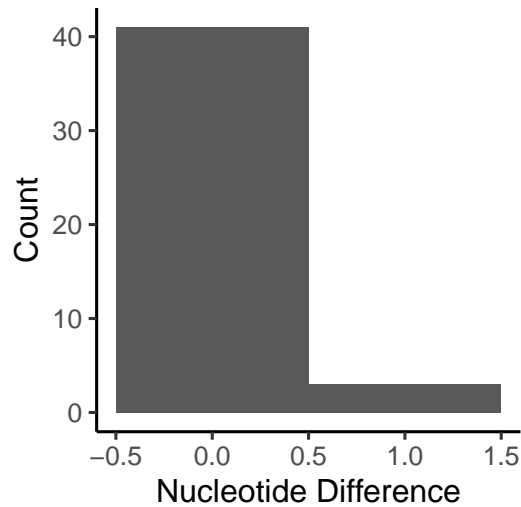
TRBV10–1*bp02

19 sequences assigned
No exact matches.



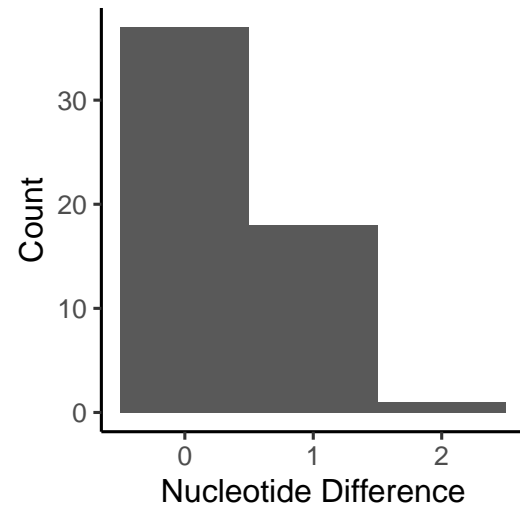
TRBV10–3*bp01

44 sequences assigned
41 (93.2%) exact matches, in which:
37 unique CDR3
11 unique J



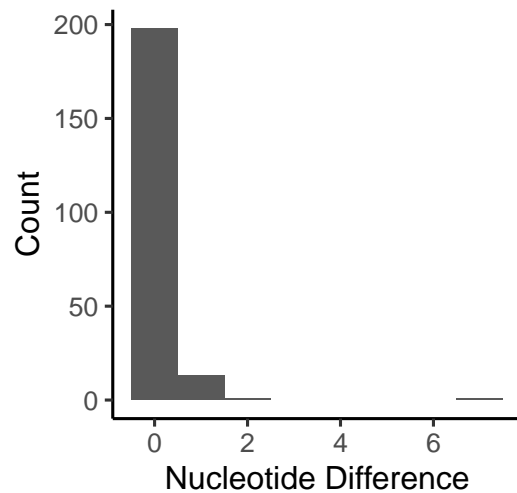
TRBV14*bp01

56 sequences assigned
37 (66.1%) exact matches, in which:
35 unique CDR3
11 unique J



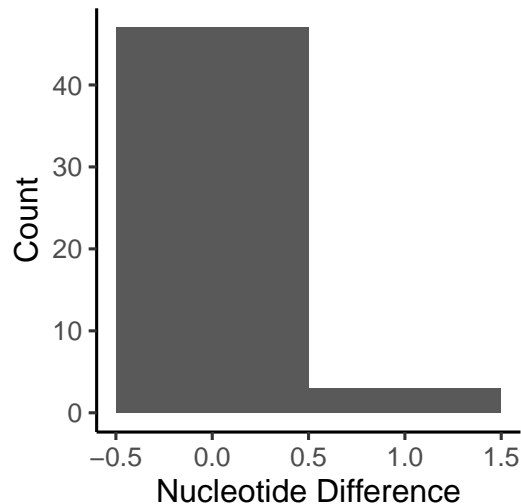
TRBV20–1*bp04_322GA:

213 sequences assigned
198 (93%) exact matches, in which:
187 unique CDR3
14 unique J



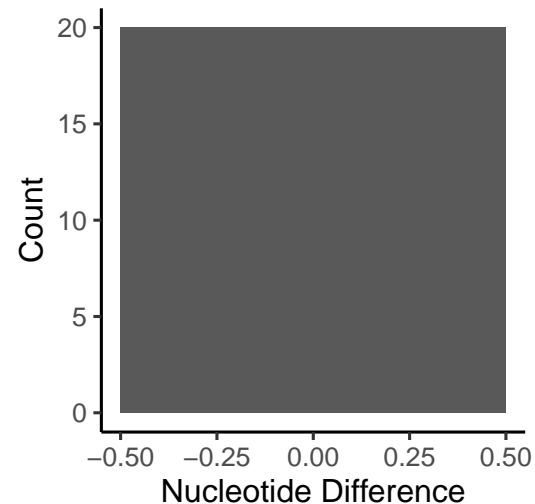
TRBV10–3*bp02_313GCC

50 sequences assigned
47 (94%) exact matches, in which:
47 unique CDR3
10 unique J



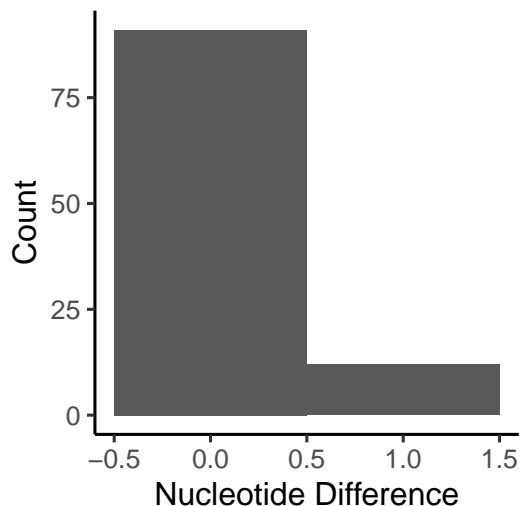
TRBV14*bp02_322CAAGA:

20 sequences assigned
20 (100%) exact matches, in which:
19 unique CDR3
10 unique J



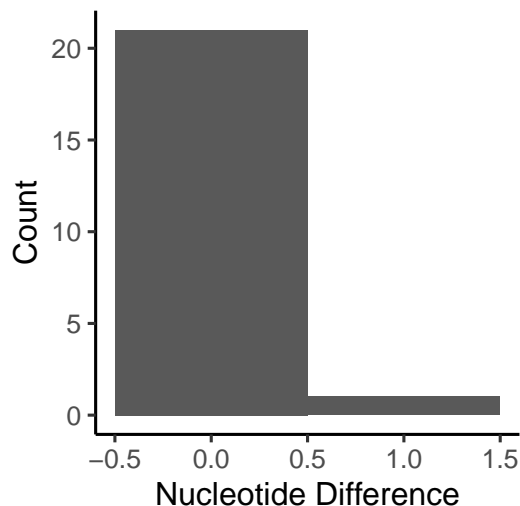
TRBV15*bp02

103 sequences assigned
91 (88.3%) exact matches, in which:
86 unique CDR3
12 unique J



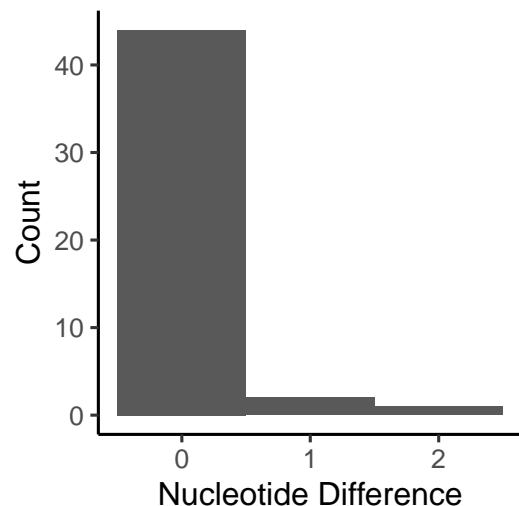
TRBV2*bp01

22 sequences assigned
21 (95.5%) exact matches, in which:
20 unique CDR3
7 unique J



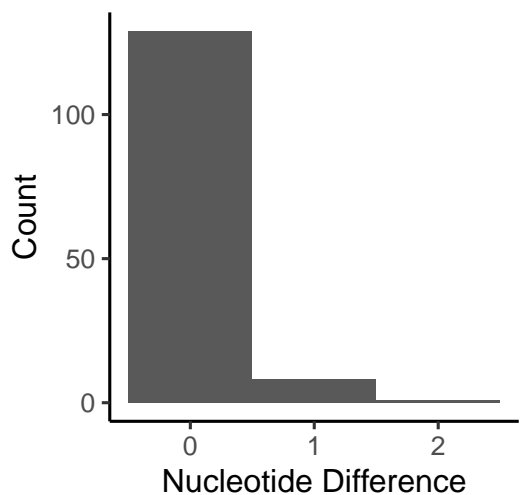
TRBV9*bp01

47 sequences assigned
44 (93.6%) exact matches, in which:
41 unique CDR3
12 unique J



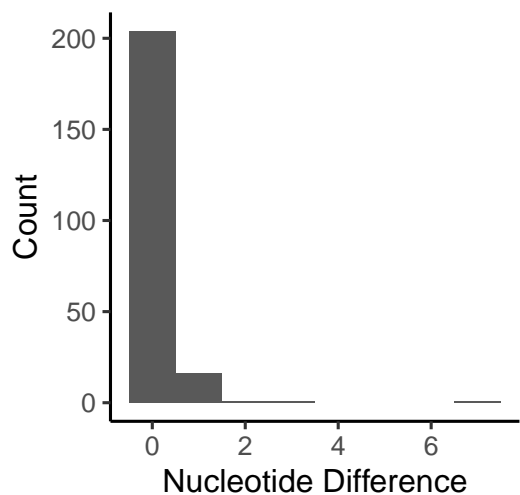
TRBV18*bp01

138 sequences assigned
129 (93.5%) exact matches, in which:
116 unique CDR3
13 unique J



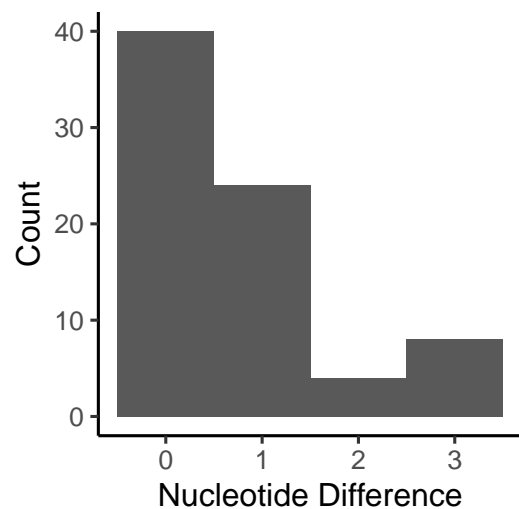
TRBV27*bp01

223 sequences assigned
204 (91.5%) exact matches, in which:
184 unique CDR3
14 unique J



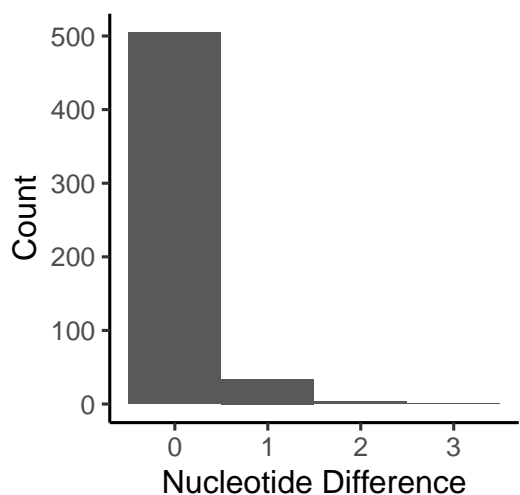
TRBV11-1*bp01

76 sequences assigned
40 (52.6%) exact matches, in which:
36 unique CDR3
12 unique J



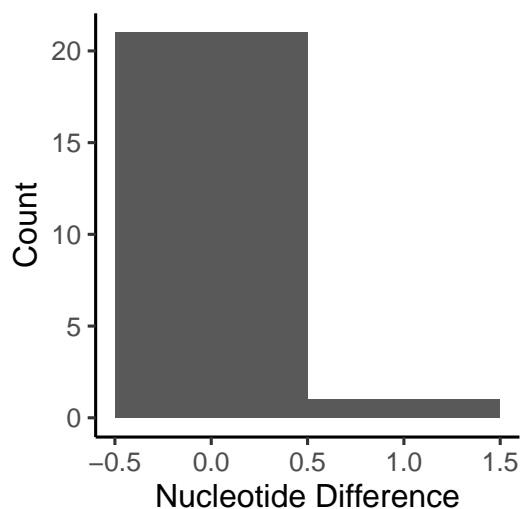
TRBV19*bp01

544 sequences assigned
505 (92.8%) exact matches, in which:
446 unique CDR3
14 unique J



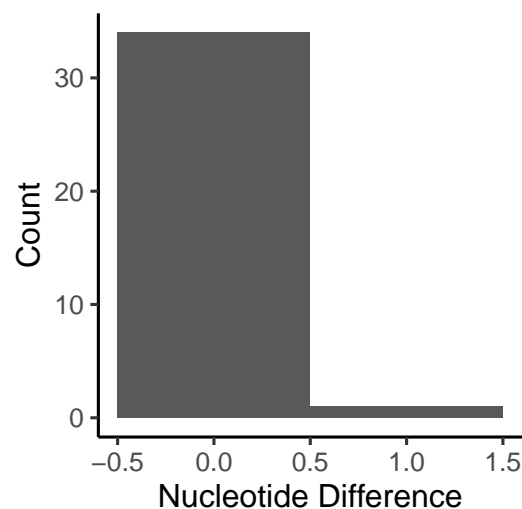
TRBV28*bp01

22 sequences assigned
21 (95.5%) exact matches, in which:
19 unique CDR3
10 unique J



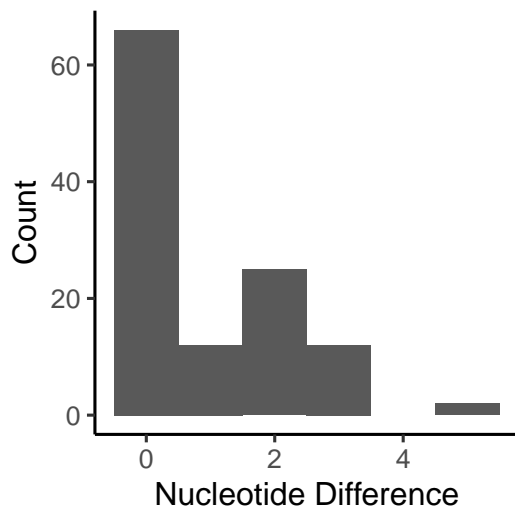
TRBV21-1*bp02

35 sequences assigned
34 (97.1%) exact matches, in which:
31 unique CDR3
8 unique J



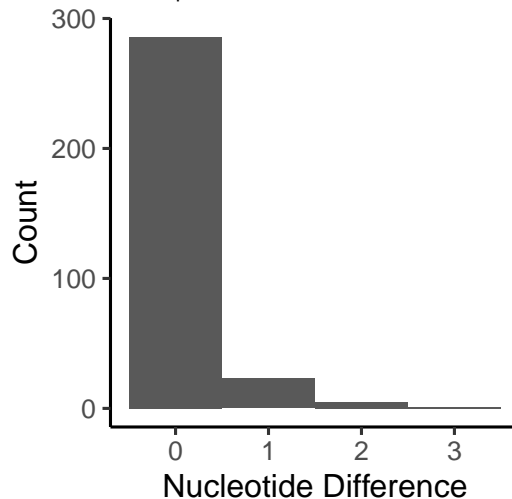
TRBV11–2*bp01

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



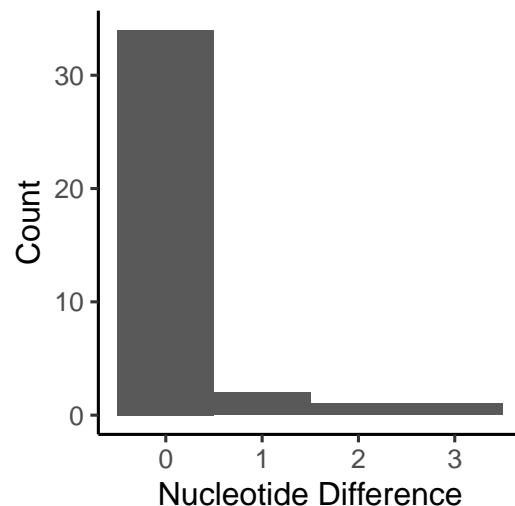
TRBV12–34*bp01

315 sequences assigned
286 (90.8%) exact matches, in which:
253 unique CDR3
14 unique J



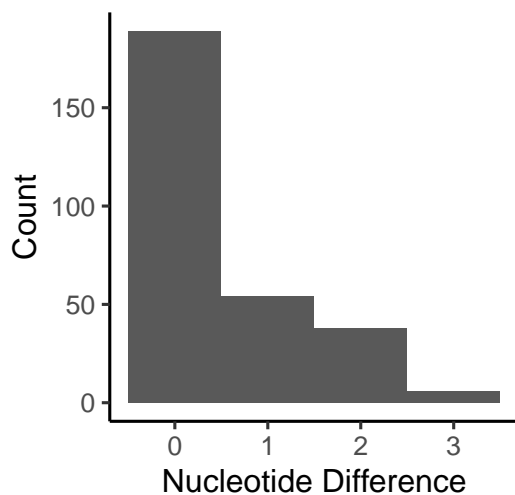
TRBV24–1*bp02

38 sequences assigned
34 (89.5%) exact matches, in which:
32 unique CDR3
11 unique J



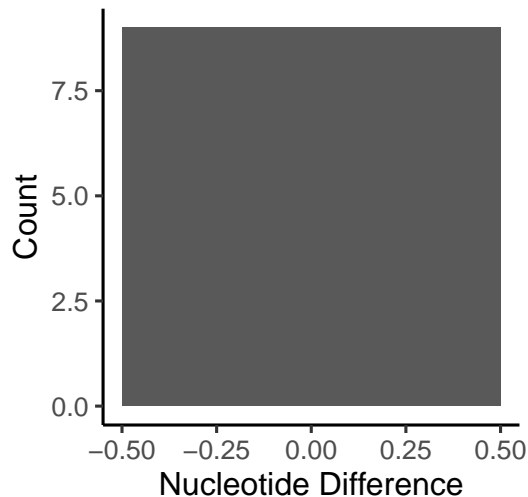
TRBV11–3*bp01

287 sequences assigned
189 (65.9%) exact matches, in which:
173 unique CDR3
14 unique J



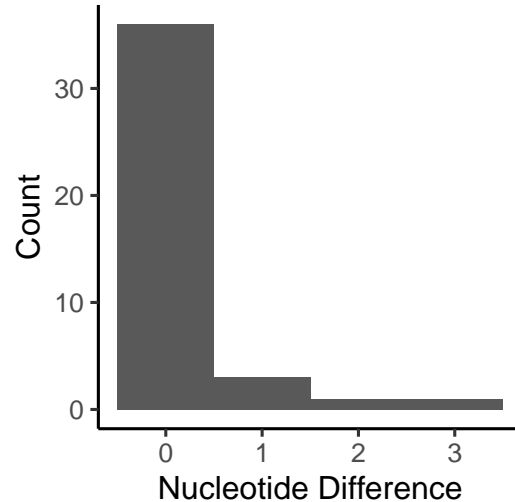
TRBV23–1*bp01

9 sequences assigned
9 (100%) exact matches, in which:
9 unique CDR3
6 unique J



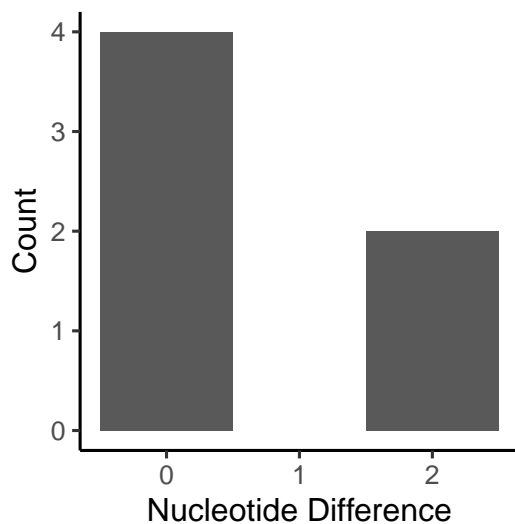
TRBV4–2*bp01

41 sequences assigned
36 (87.8%) exact matches, in which:
36 unique CDR3
11 unique J



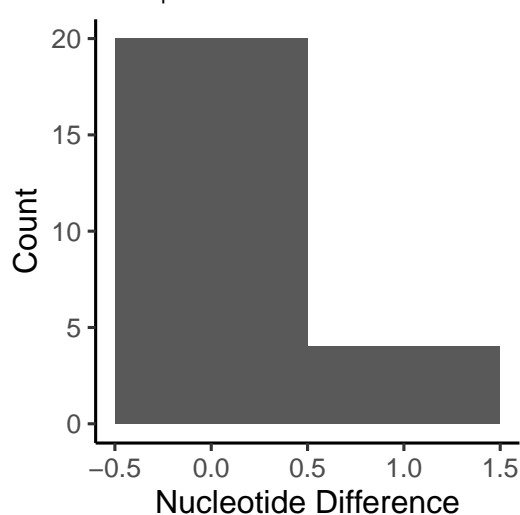
TRBV12–5*bp01

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



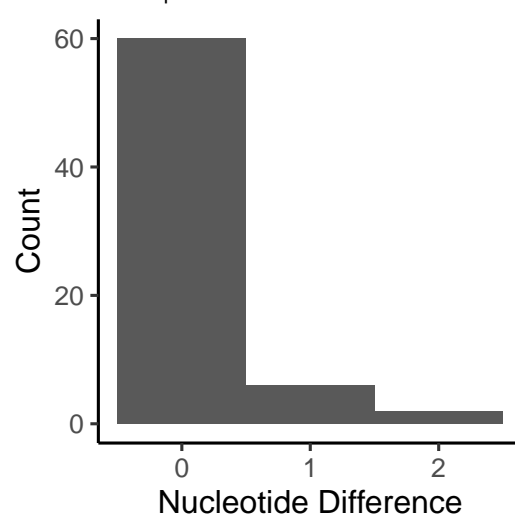
TRBV4–1*bp01

24 sequences assigned
20 (83.3%) exact matches, in which:
20 unique CDR3
11 unique J



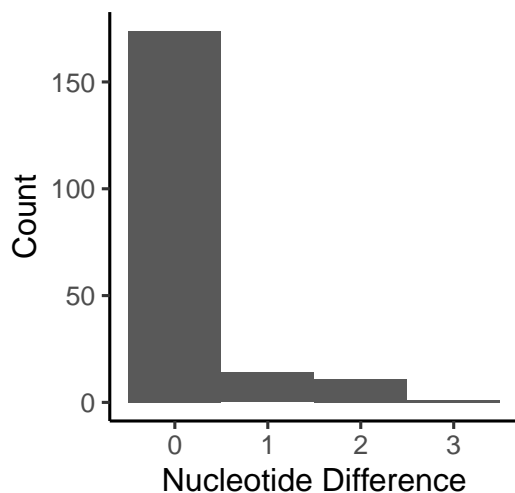
TRBV4–3*bp01

68 sequences assigned
60 (88.2%) exact matches, in which:
57 unique CDR3
10 unique J



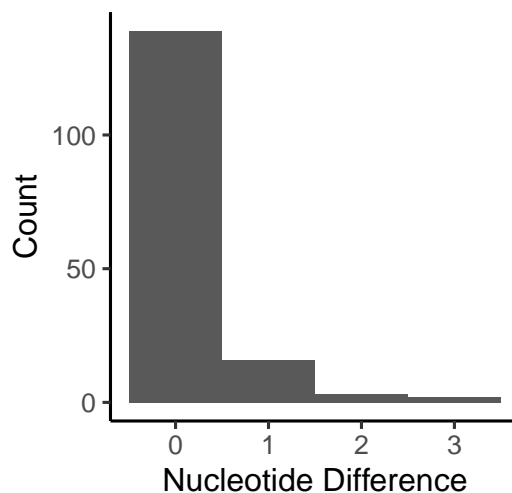
TRBV5-1*bp01

200 sequences assigned
174 (87%) exact matches, in which:
168 unique CDR3
14 unique J



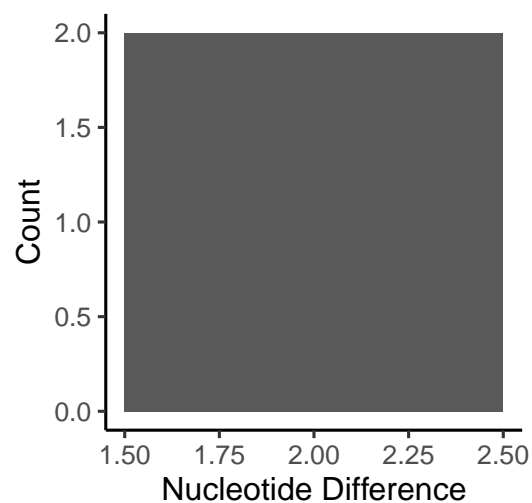
TRBV5-4*bp01

160 sequences assigned
139 (86.9%) exact matches, in which:
126 unique CDR3
13 unique J



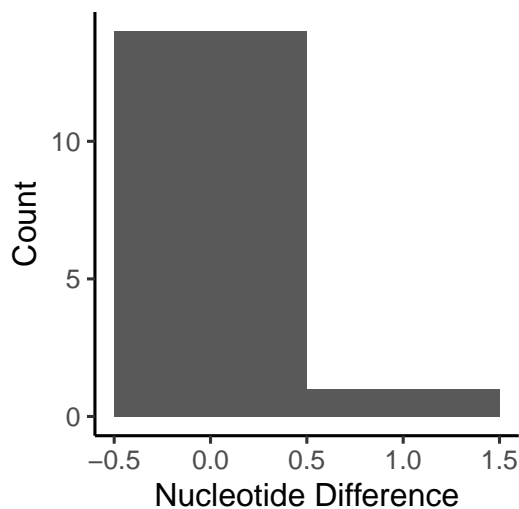
TRBV5-7*bp01

2 sequences assigned
No exact matches.



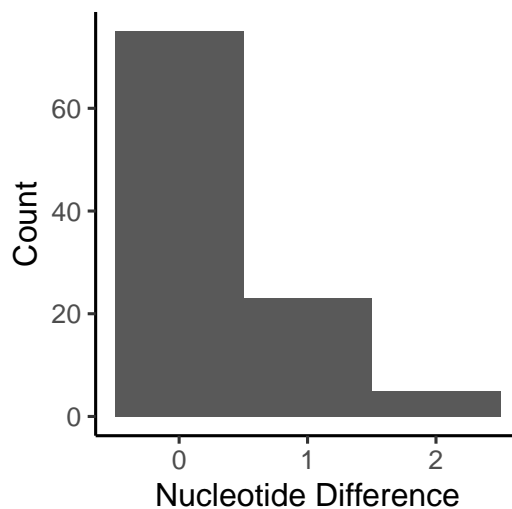
TRBV25-1*bp01

15 sequences assigned
14 (93.3%) exact matches, in which:
14 unique CDR3
6 unique J



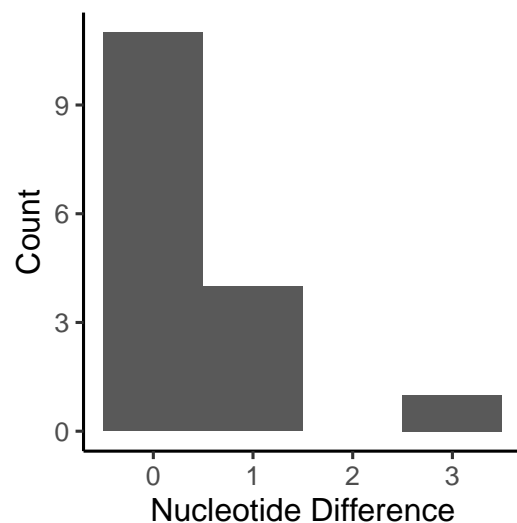
TRBV5-5*bp01

103 sequences assigned
75 (72.8%) exact matches, in which:
68 unique CDR3
12 unique J



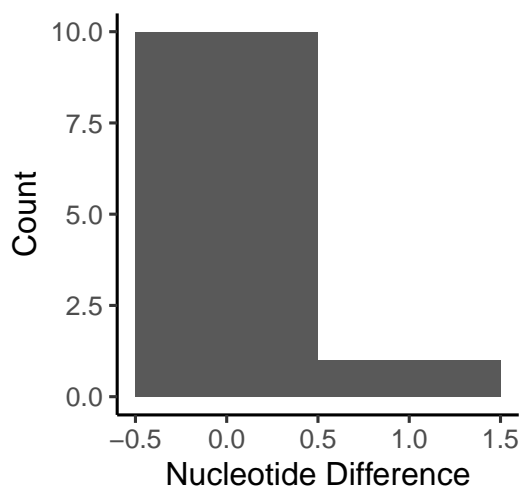
TRBV5-8*bp01

16 sequences assigned
11 (68.8%) exact matches, in which:
10 unique CDR3
8 unique J



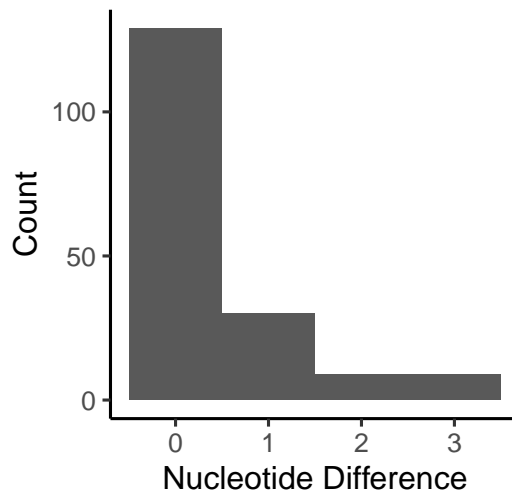
TRBV5-3*bp01

11 sequences assigned
10 (90.9%) exact matches, in which:
9 unique CDR3
7 unique J



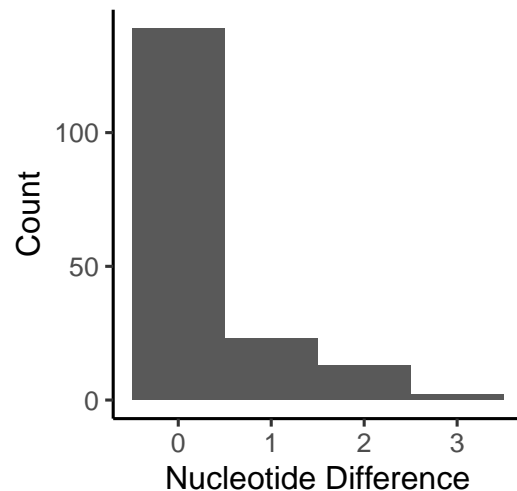
TRBV5-6*bp01

177 sequences assigned
129 (72.9%) exact matches, in which:
117 unique CDR3
13 unique J



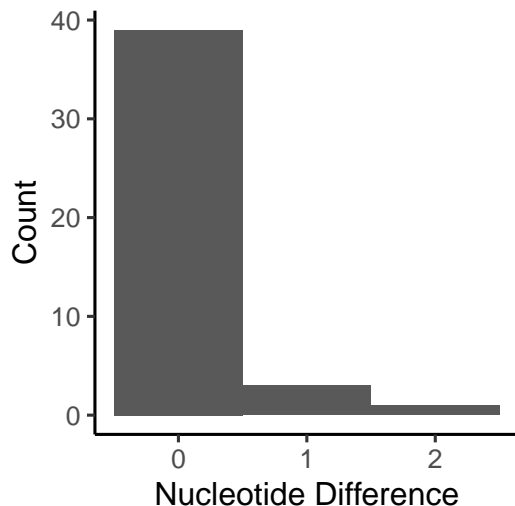
TRBV6-1*bp01

177 sequences assigned
139 (78.5%) exact matches, in which:
131 unique CDR3
14 unique J



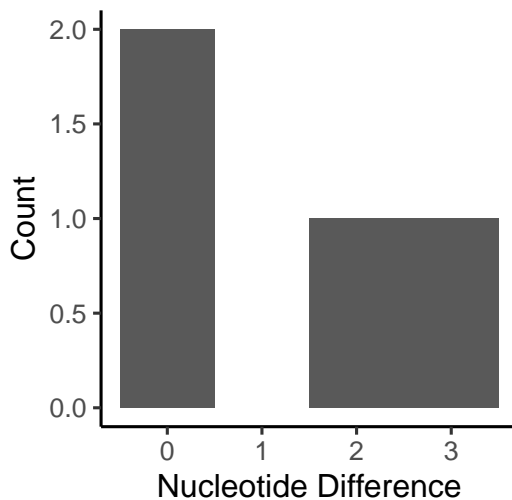
TRBV6-4*bp01

43 sequences assigned
39 (90.7%) exact matches, in which:
39 unique CDR3
11 unique J



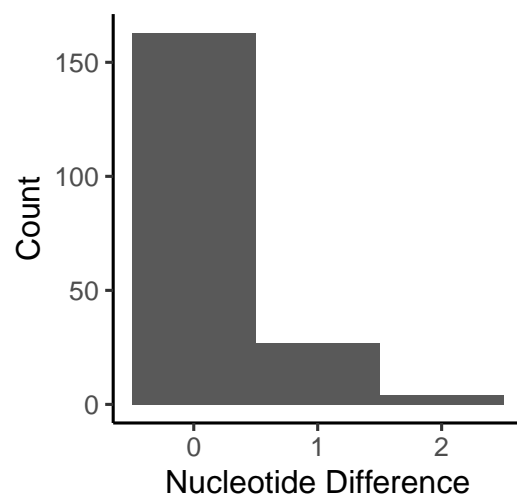
TRBV6-7*bp01

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



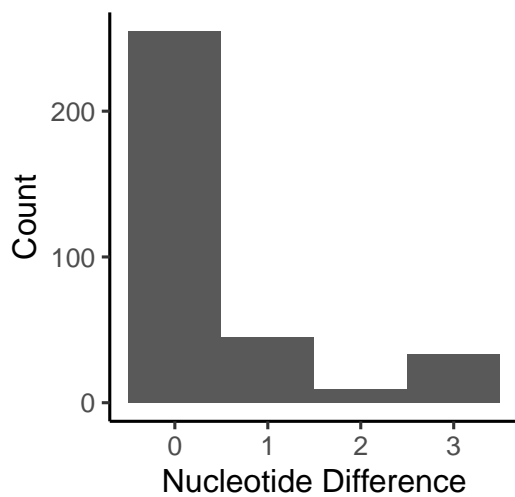
TRBV6-23*bp01

194 sequences assigned
163 (84%) exact matches, in which:
156 unique CDR3
14 unique J



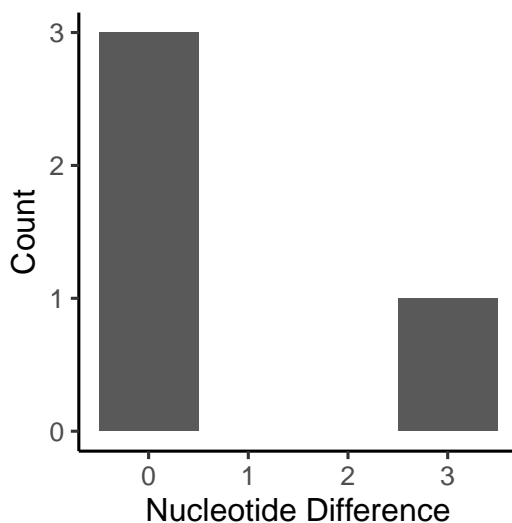
TRBV6-5*bp01

342 sequences assigned
255 (74.6%) exact matches, in which:
238 unique CDR3
14 unique J



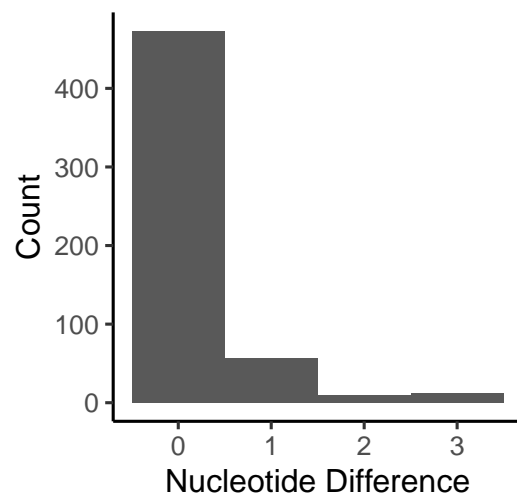
TRBV6-8*bp01

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



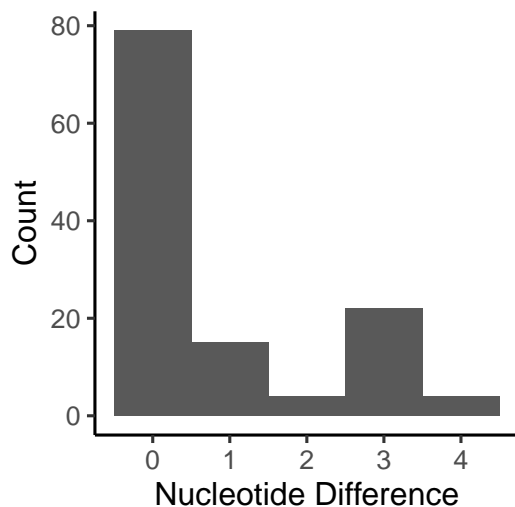
TRBV7-2*bp01

552 sequences assigned
473 (85.7%) exact matches, in which:
422 unique CDR3
14 unique J



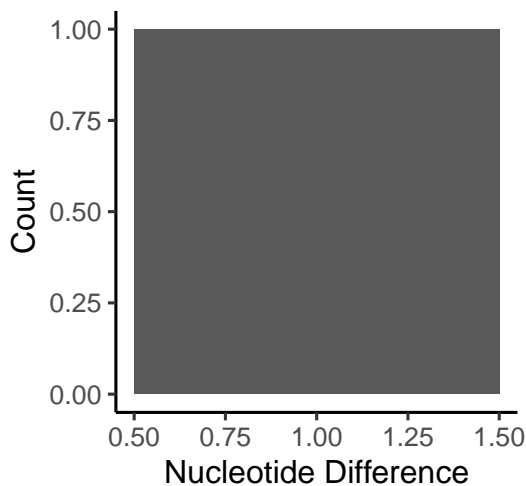
TRBV6-6*bp01

124 sequences assigned
79 (63.7%) exact matches, in which:
77 unique CDR3
12 unique J



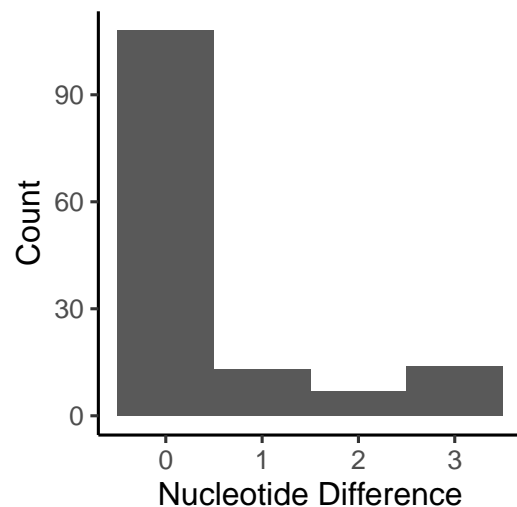
TRBV6-9*bp01

1 sequences assigned
No exact matches.



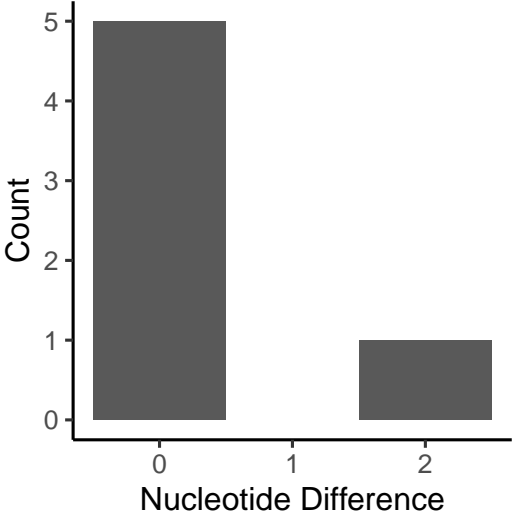
TRBV7-3*bp01

142 sequences assigned
108 (76.1%) exact matches, in which:
102 unique CDR3
12 unique J



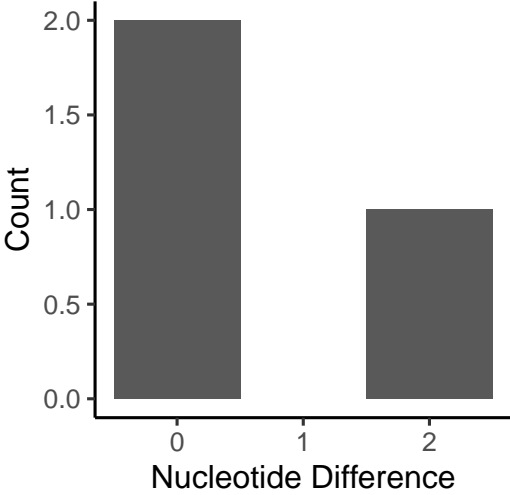
TRBV7-4*bp01

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



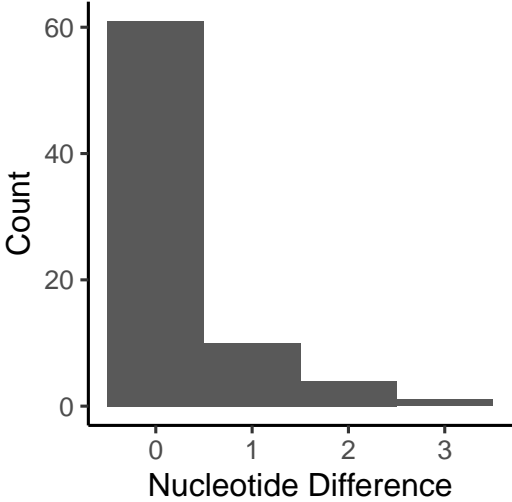
TRBV7-8*bp01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
2 unique J



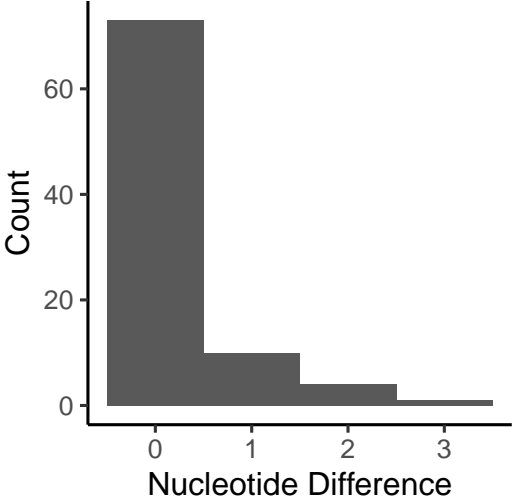
TRBV29-1*bp03

76 sequences assigned
61 (80.3%) exact matches, in which:
54 unique CDR3
11 unique J



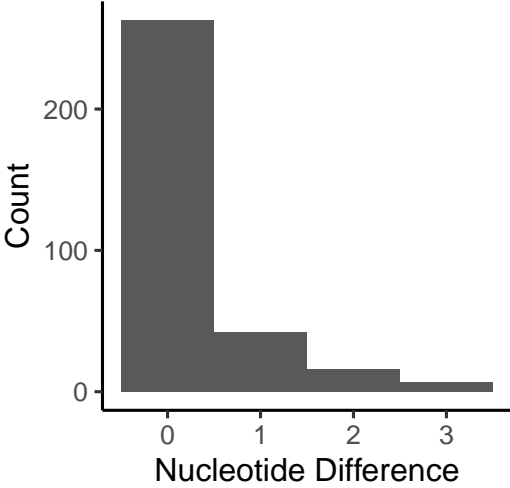
TRBV7-6*bp01

88 sequences assigned
73 (83%) exact matches, in which:
69 unique CDR3
12 unique J



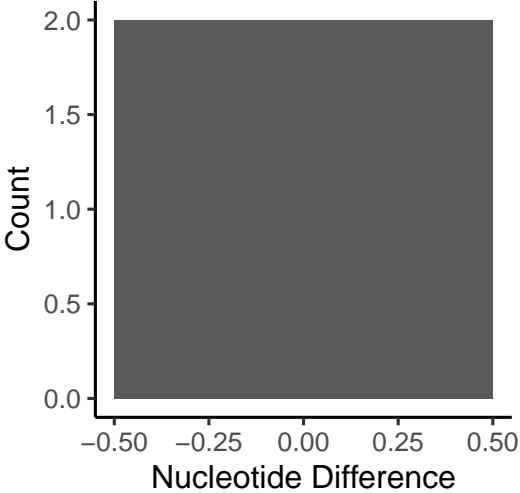
TRBV7-9*bp01

328 sequences assigned
263 (80.2%) exact matches, in which:
245 unique CDR3
14 unique J



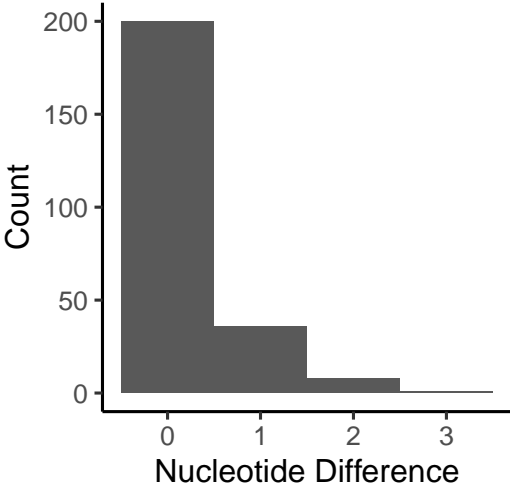
TRBV7-7*bp01

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

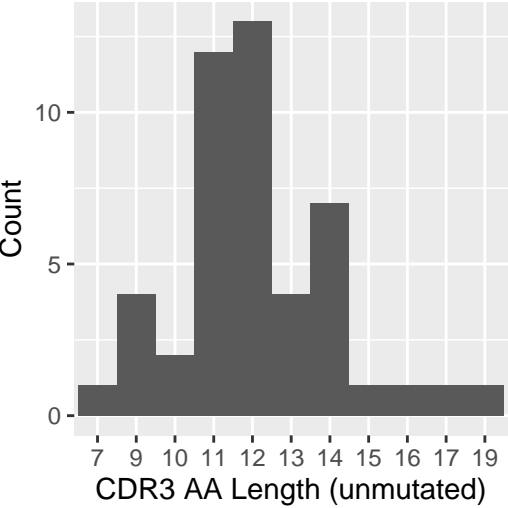


TRBV29-1*bp01

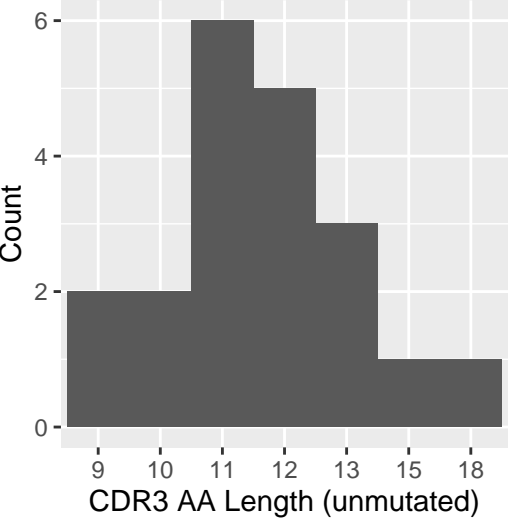
245 sequences assigned
200 (81.6%) exact matches, in which:
181 unique CDR3
14 unique J



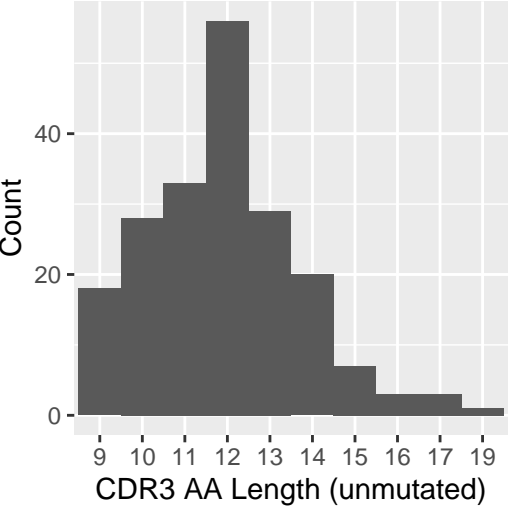
TRBV10-3*bp02_313GCCATCAGTGAGTC326



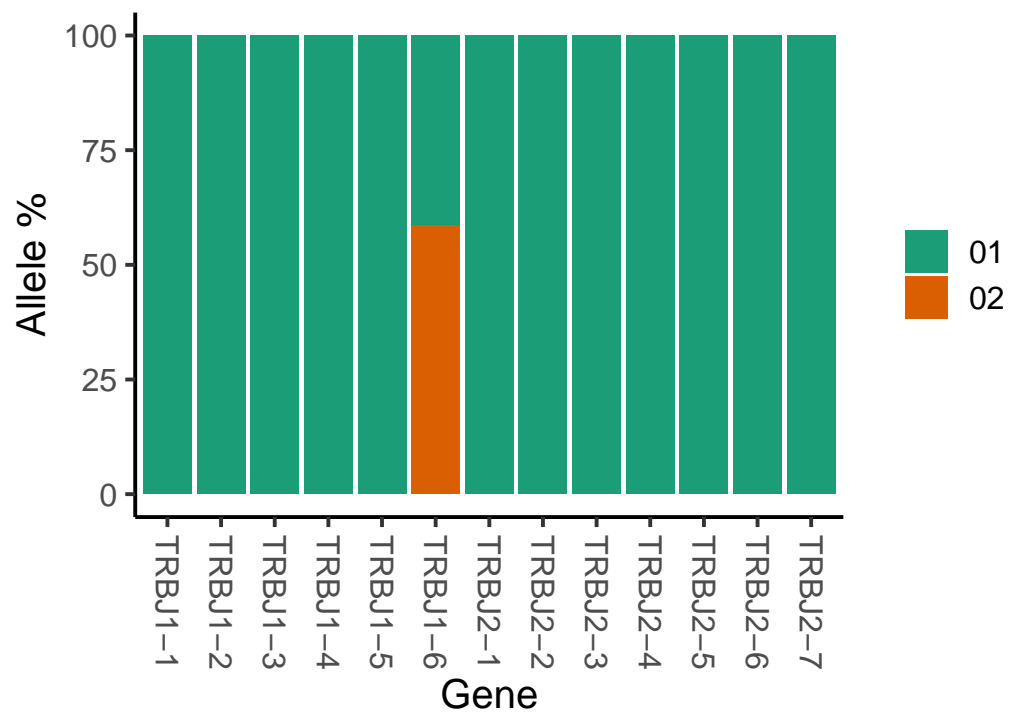
TRBV14*bp02_322CAAGA326



TRBV20-1*bp04_322GA323



Allele Usage



Sequence Count by TRBJ1–6 allele usage



