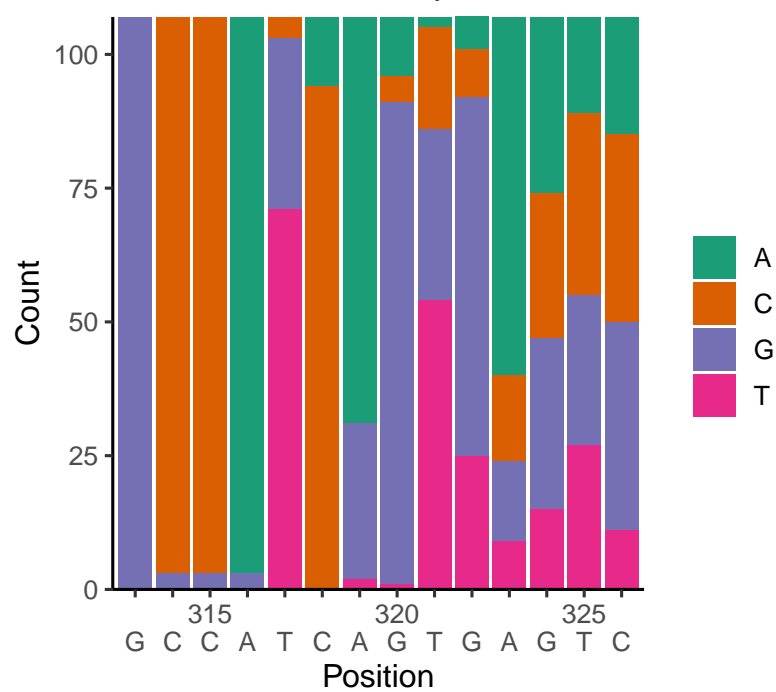
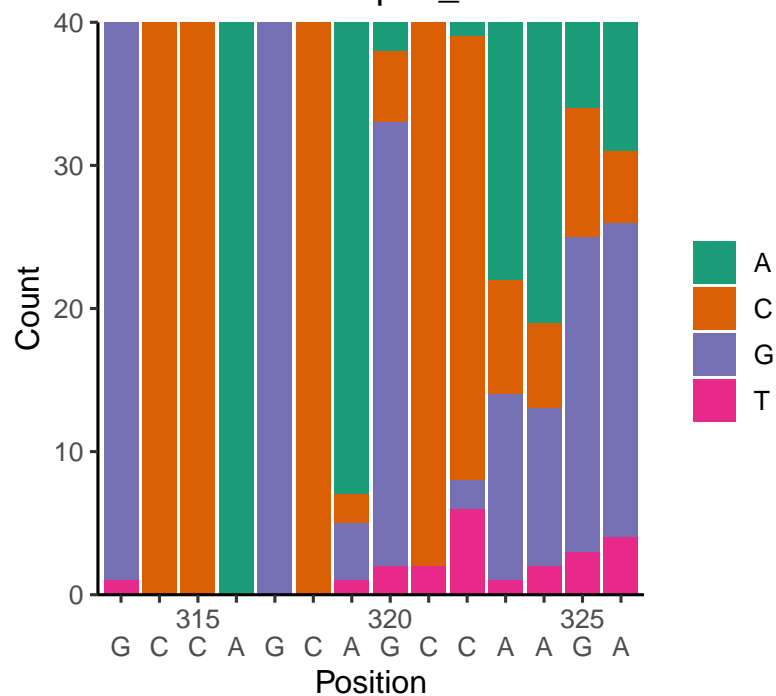


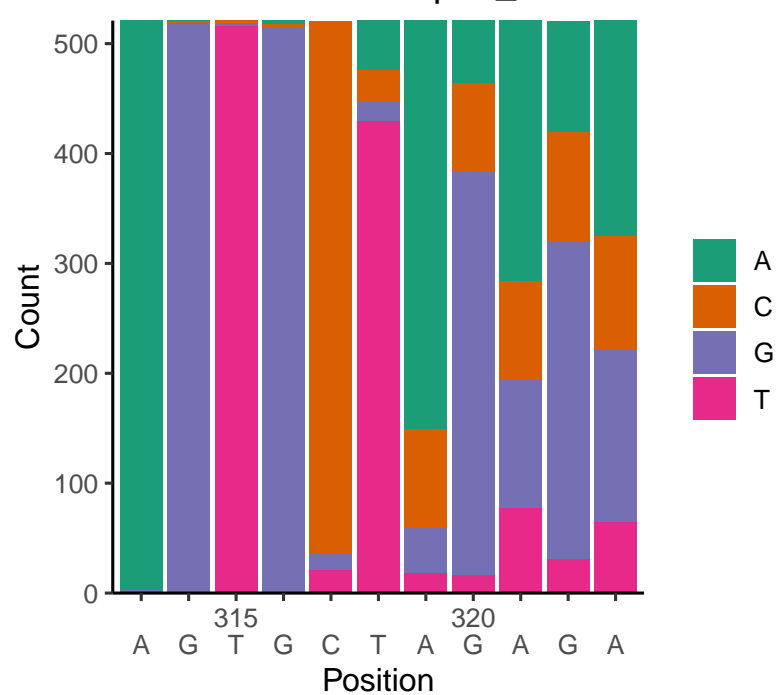
Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326



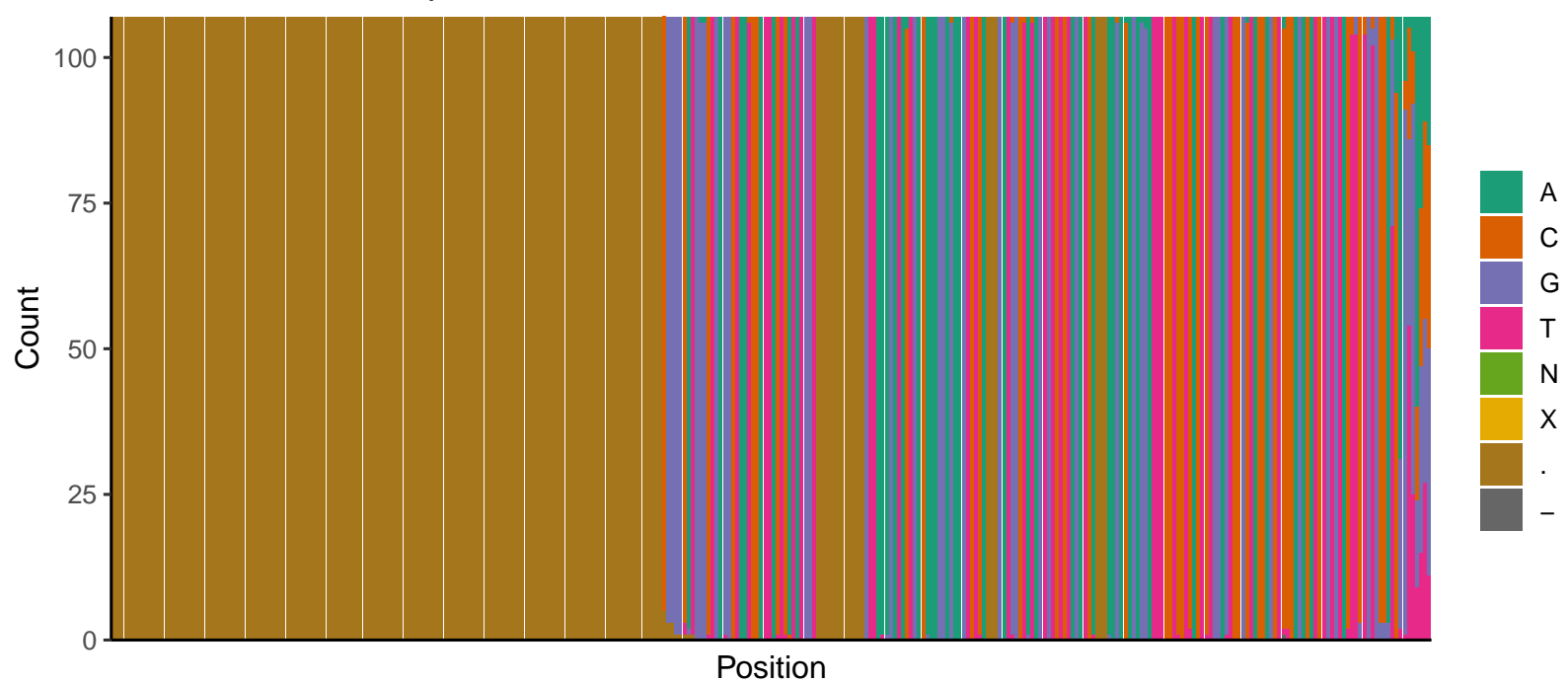
Gene TRBV14*bp02_322CAAGA326



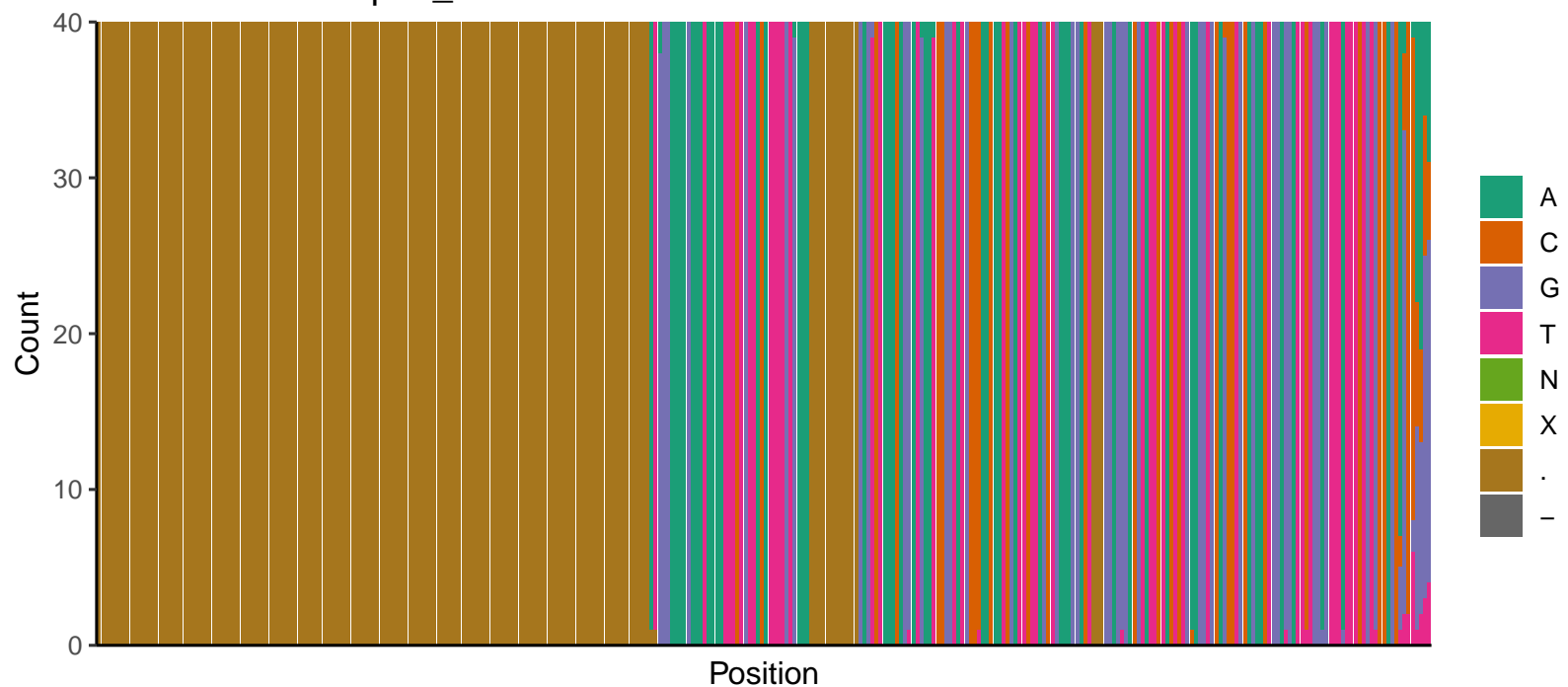
Gene TRBV20-1*bp04_322GA323



Gene TRBV10–3*bp02_313GCCATCAGTGAGTC326



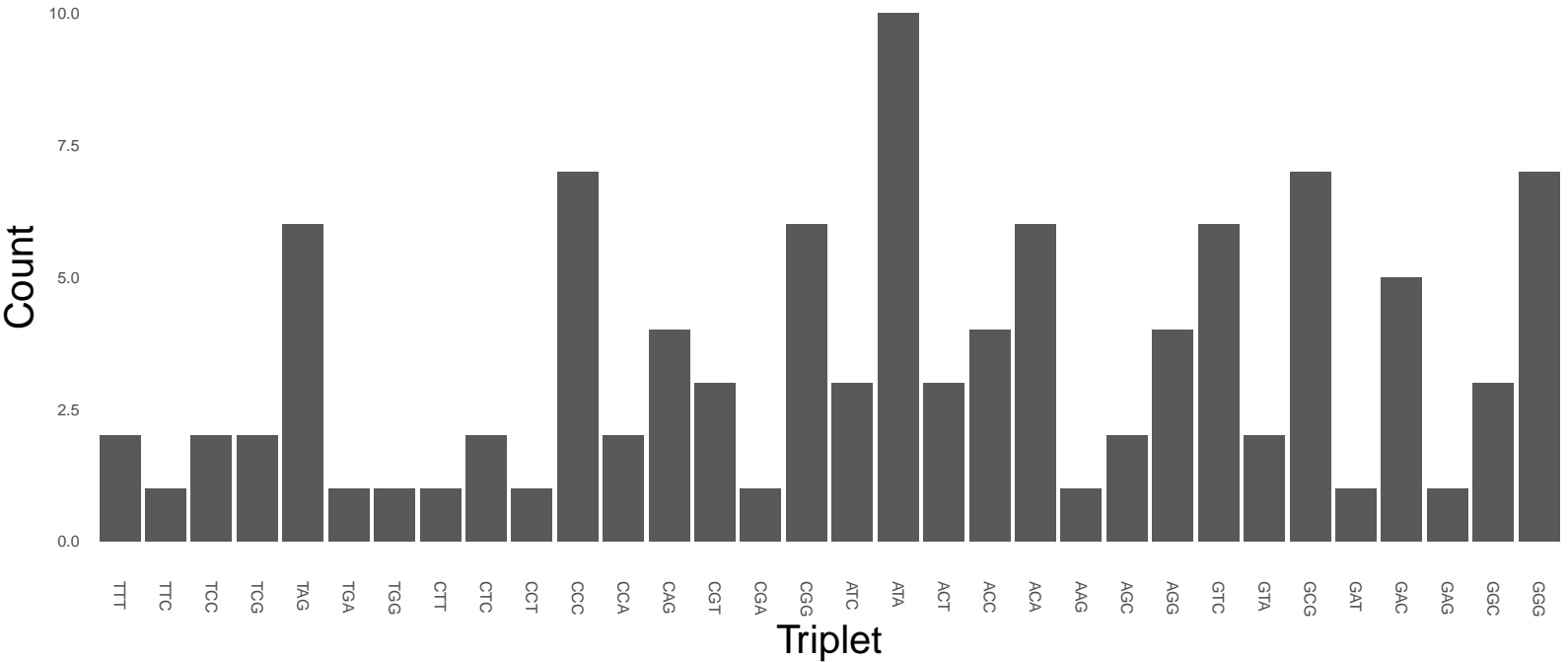
Gene TRBV14*bp02_322CAAGA326



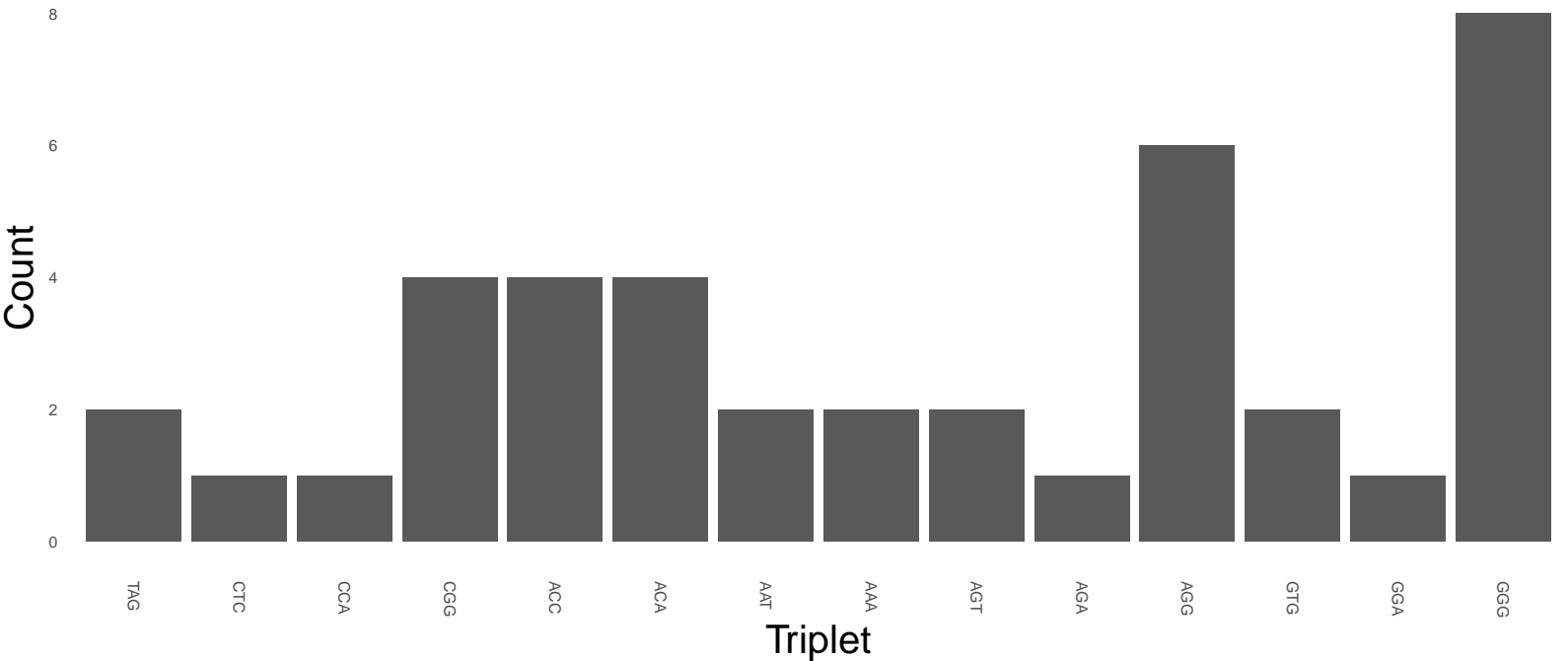
Gene TRBV20–1*bp04_322GA323



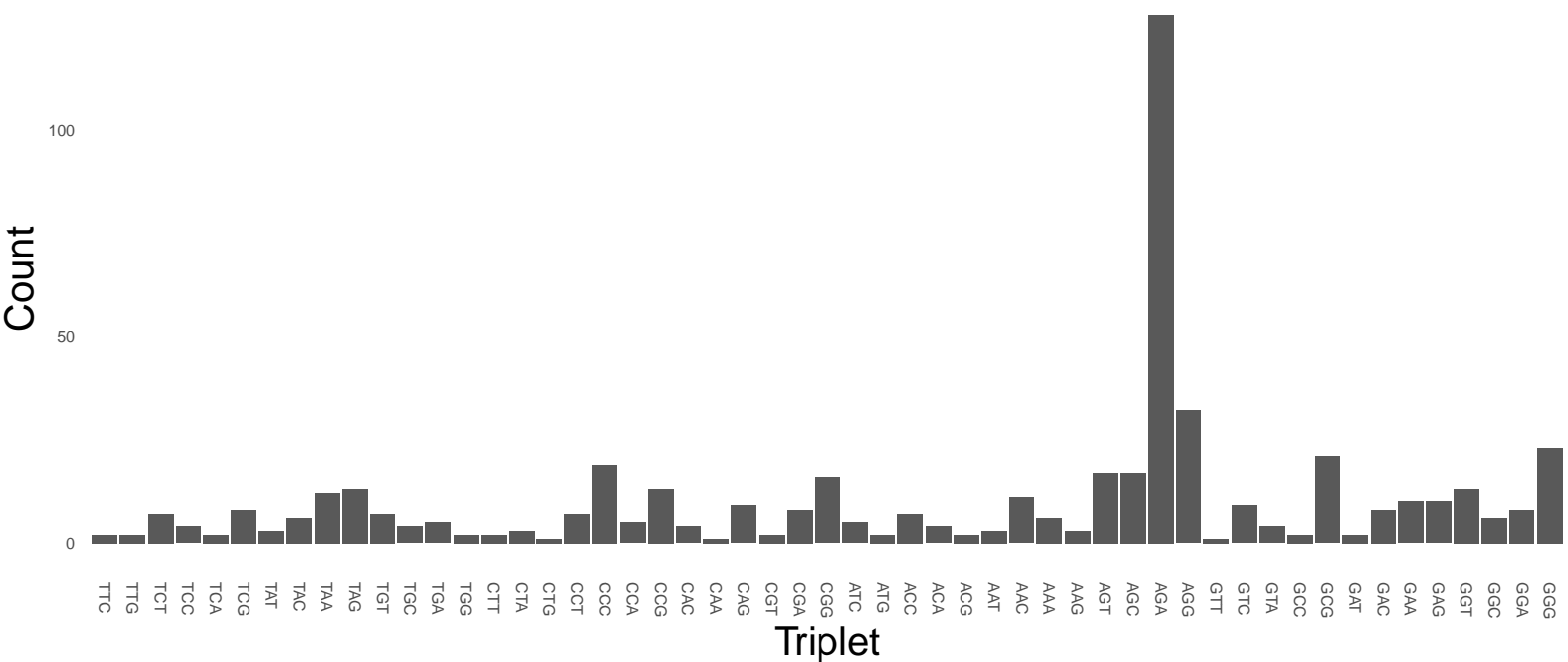
TRBV10–3*bp02_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



TRBV14*bp02_322CAAGA326– Final 3 nucleotides as a triplet

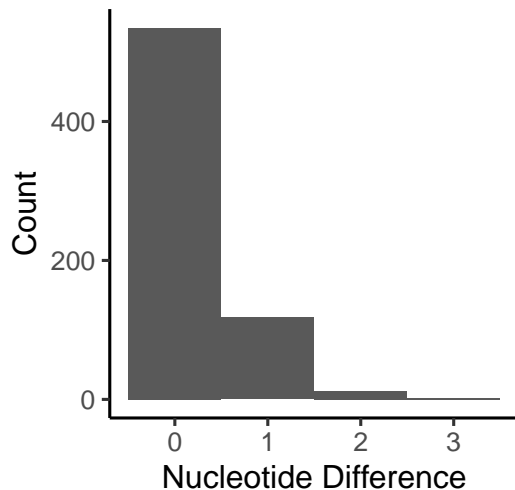


TRBV20–1*bp04_322GA323– Final 3 nucleotides as a triplet



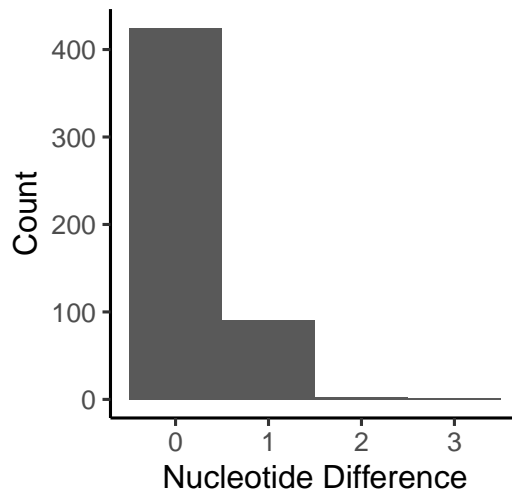
TRBV20–1*bp01

667 sequences assigned
535 (80.2%) exact matches, in which:
246 unique CDR3
15 unique J



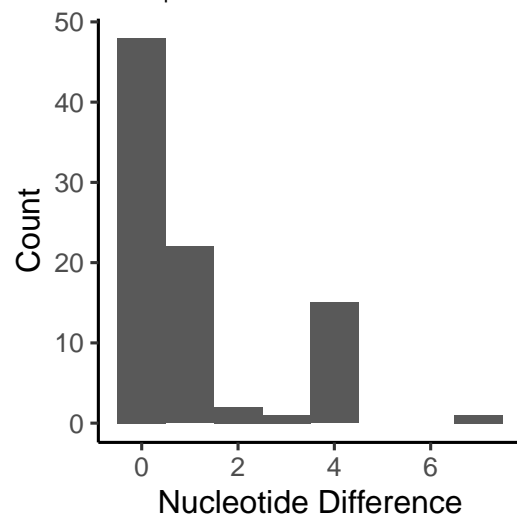
TRBV20–1*bp04_322GA:

521 sequences assigned
425 (81.6%) exact matches, in which:
208 unique CDR3
15 unique J



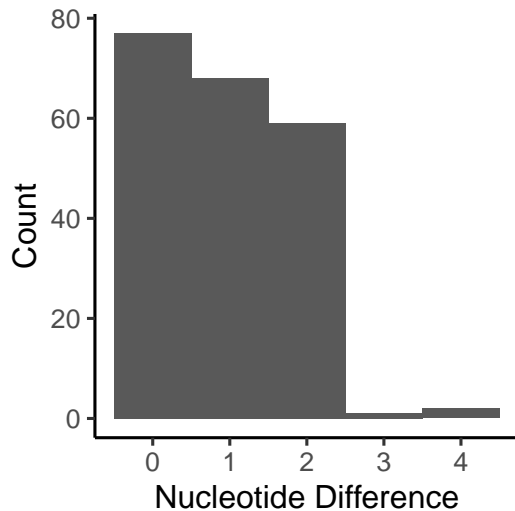
TRBV10–3*bp01

89 sequences assigned
48 (53.9%) exact matches, in which:
36 unique CDR3
10 unique J



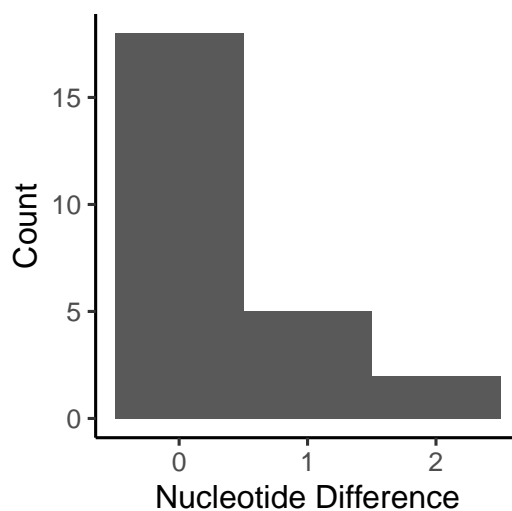
TRBV10–1*bp01

207 sequences assigned
77 (37.2%) exact matches, in which:
48 unique CDR3
10 unique J



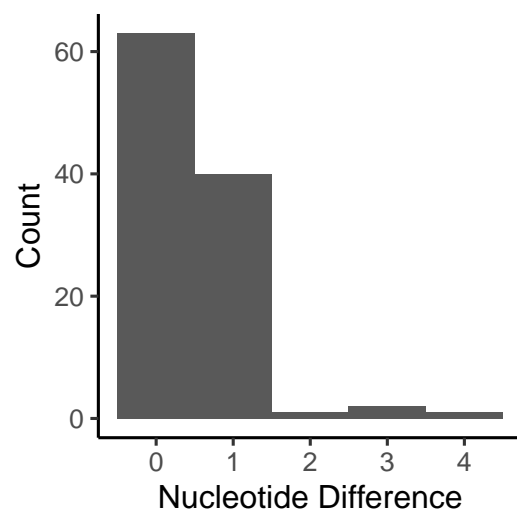
TRBV10–2*bp01

25 sequences assigned
18 (72%) exact matches, in which:
14 unique CDR3
8 unique J



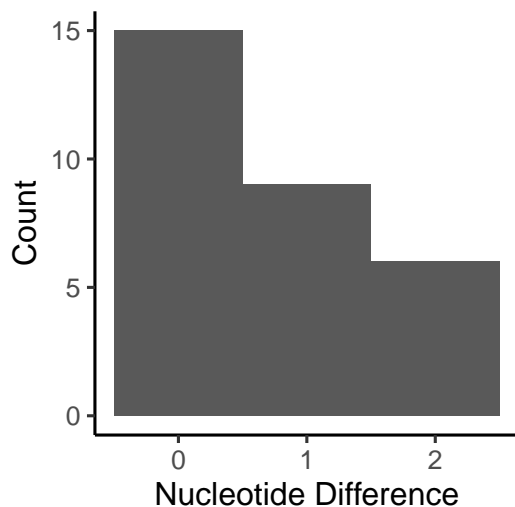
TRBV10–3*bp02_313GCC

107 sequences assigned
63 (58.9%) exact matches, in which:
50 unique CDR3
11 unique J



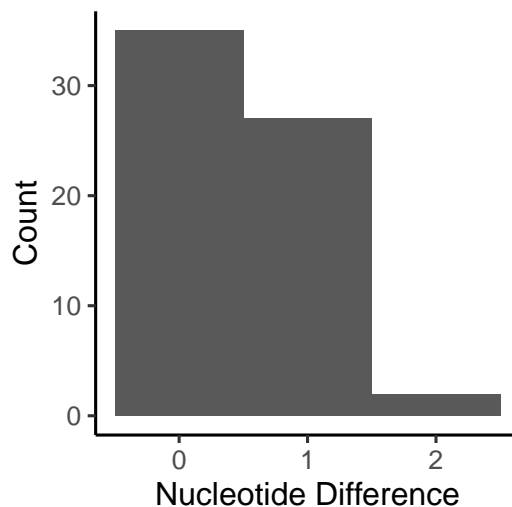
TRBV10–1*bp02

30 sequences assigned
15 (50%) exact matches, in which:
10 unique CDR3
6 unique J



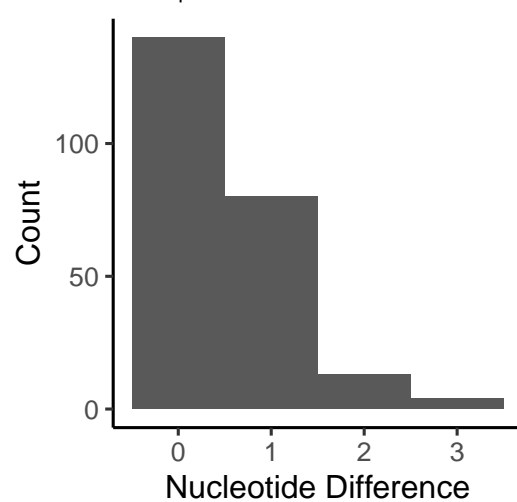
TRBV10–2*bp02

64 sequences assigned
35 (54.7%) exact matches, in which:
25 unique CDR3
10 unique J



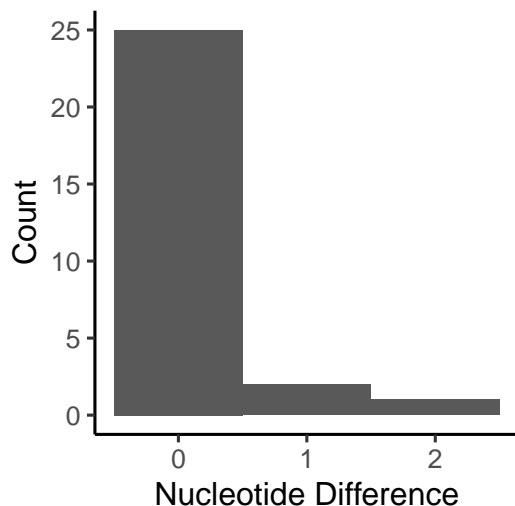
TRBV13*bp01

237 sequences assigned
140 (59.1%) exact matches, in which:
104 unique CDR3
12 unique J



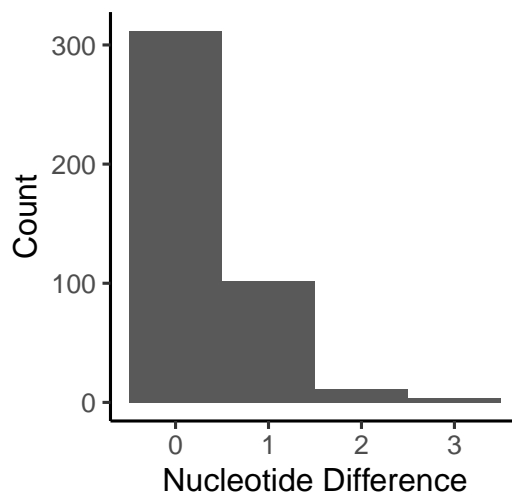
TRBV14*bp01

28 sequences assigned
25 (89.3%) exact matches, in which:
18 unique CDR3
12 unique J



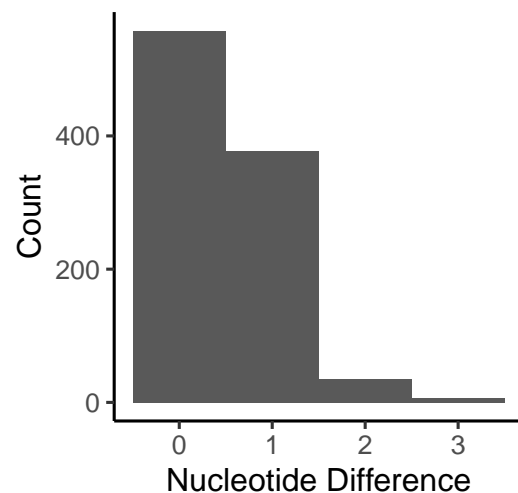
TRBV18*bp01

429 sequences assigned
312 (72.7%) exact matches, in which:
136 unique CDR3
14 unique J



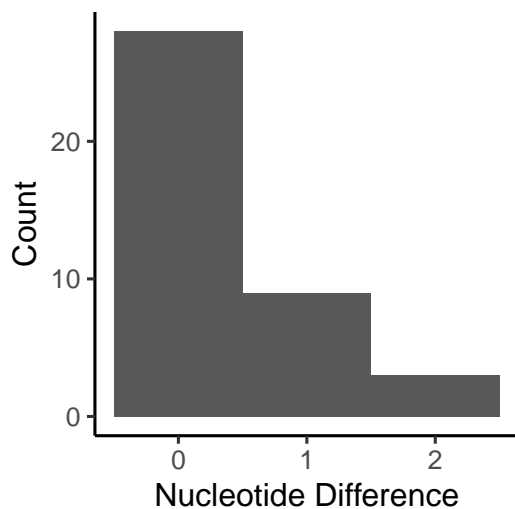
TRBV27*bp01

977 sequences assigned
558 (57.1%) exact matches, in which:
386 unique CDR3
15 unique J



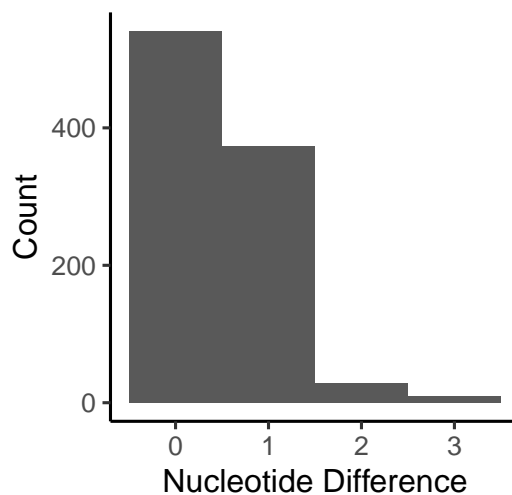
TRBV14*bp02_322CAAG/

40 sequences assigned
28 (70%) exact matches, in which:
18 unique CDR3
10 unique J



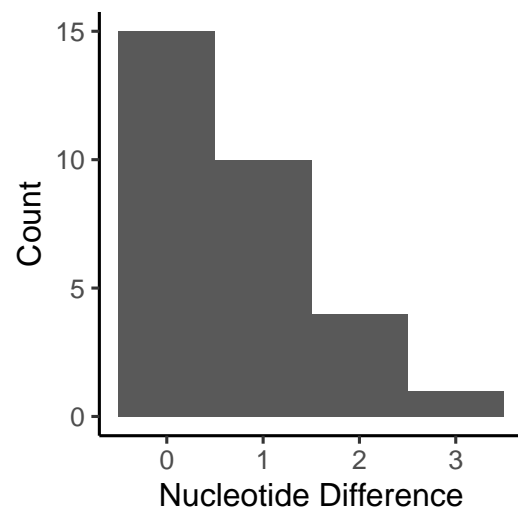
TRBV19*bp01

952 sequences assigned
541 (56.8%) exact matches, in which:
261 unique CDR3
15 unique J



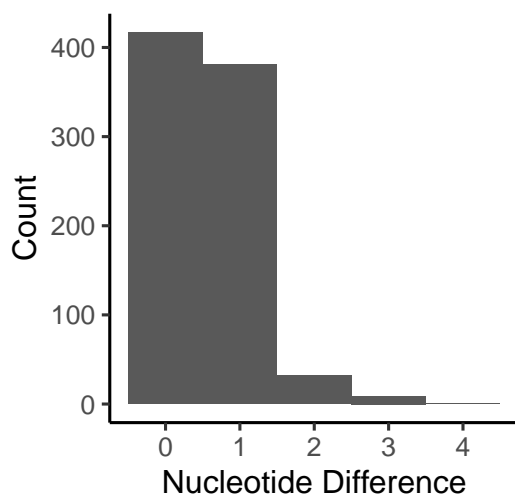
TRBV28*bp01

30 sequences assigned
15 (50%) exact matches, in which:
13 unique CDR3
9 unique J



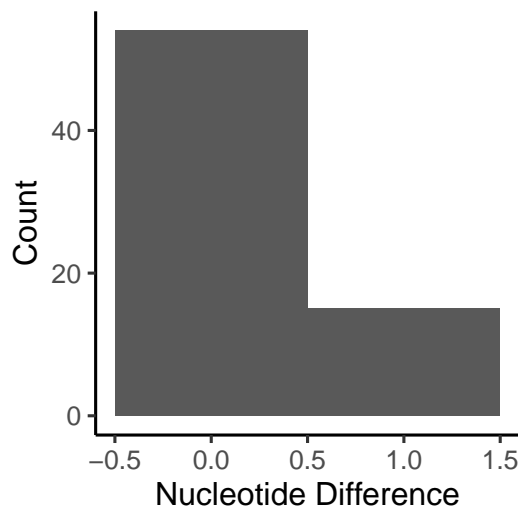
TRBV15*bp02

840 sequences assigned
417 (49.6%) exact matches, in which:
210 unique CDR3
15 unique J



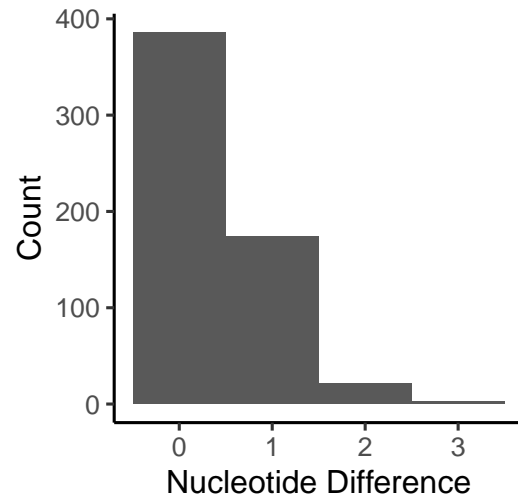
TRBV2*bp01

69 sequences assigned
54 (78.3%) exact matches, in which:
48 unique CDR3
12 unique J



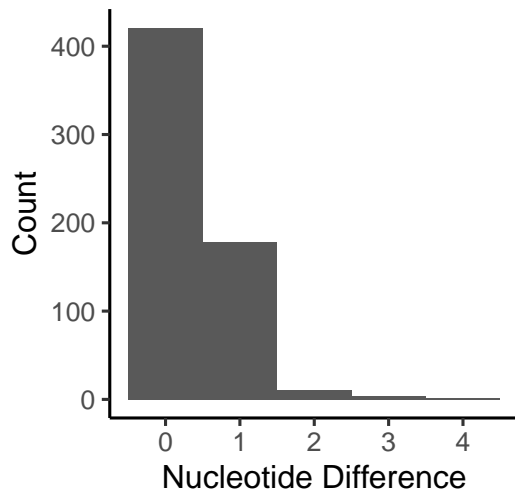
TRBV30*bp01

584 sequences assigned
386 (66.1%) exact matches, in which:
148 unique CDR3
13 unique J



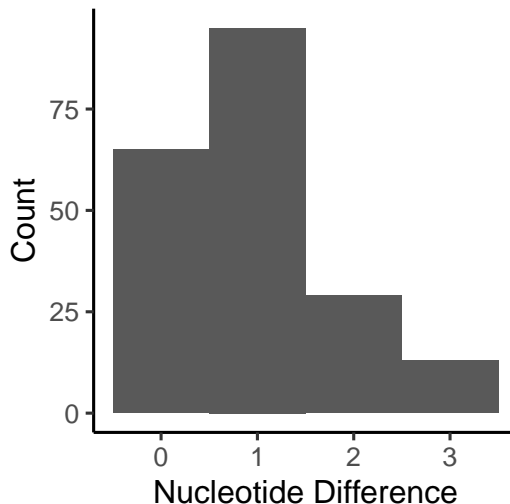
TRBV30*bp02

616 sequences assigned
421 (68.3%) exact matches, in which:
156 unique CDR3
15 unique J



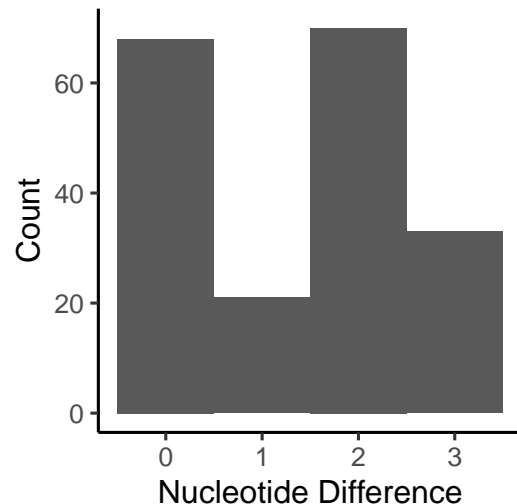
TRBV11-1*bp01

202 sequences assigned
65 (32.2%) exact matches, in which:
38 unique CDR3
12 unique J



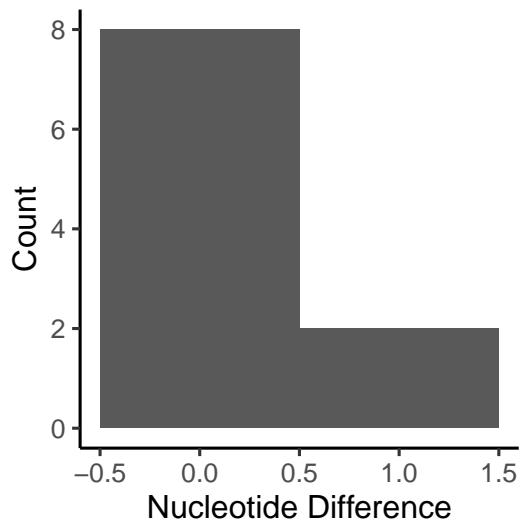
TRBV11-2*bp01

192 sequences assigned
68 (35.4%) exact matches, in which:
50 unique CDR3
11 unique J



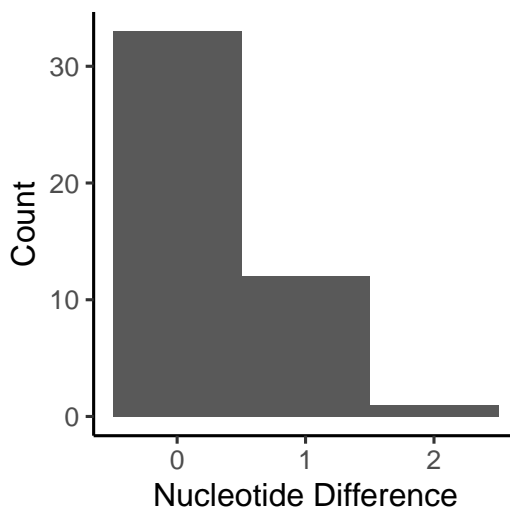
TRBV9*bp01

10 sequences assigned
8 (80%) exact matches, in which:
7 unique CDR3
5 unique J



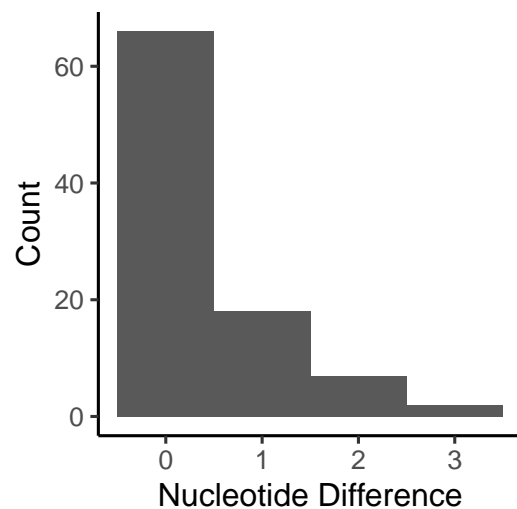
TRBV21-1*bp01

46 sequences assigned
33 (71.7%) exact matches, in which:
32 unique CDR3
13 unique J



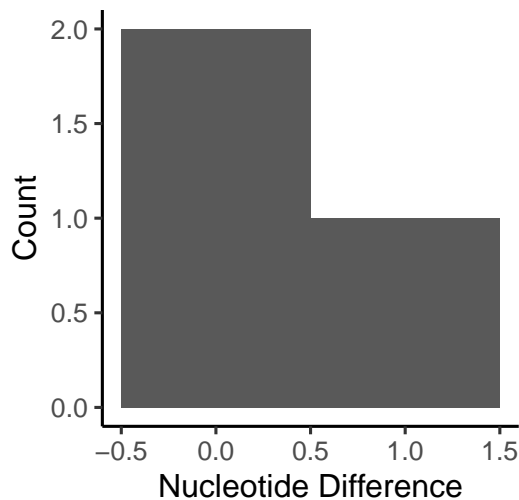
TRBV11-2*bp03

93 sequences assigned
66 (71%) exact matches, in which:
46 unique CDR3
13 unique J



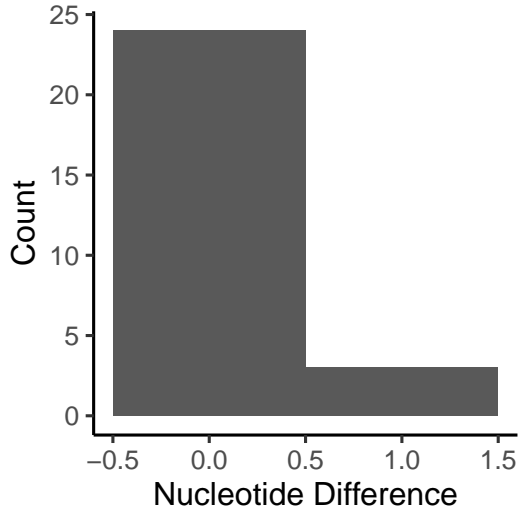
TRBV9*bp02

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



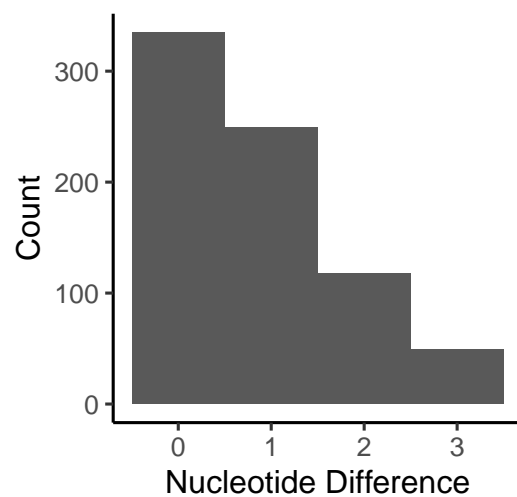
TRBV21-1*bp02

27 sequences assigned
24 (88.9%) exact matches, in which:
21 unique CDR3
10 unique J



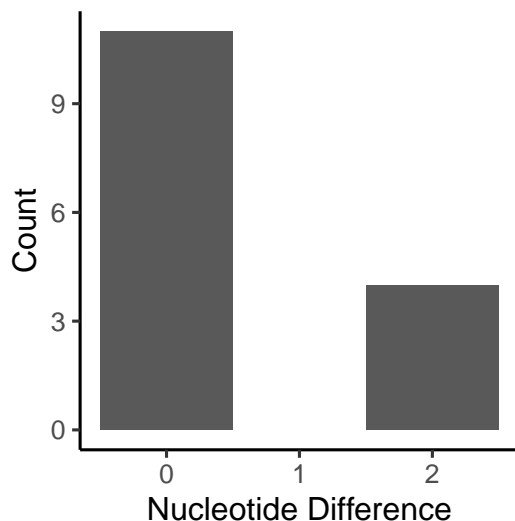
TRBV11-3*bp01

751 sequences assigned
335 (44.6%) exact matches, in which:
184 unique CDR3
14 unique J



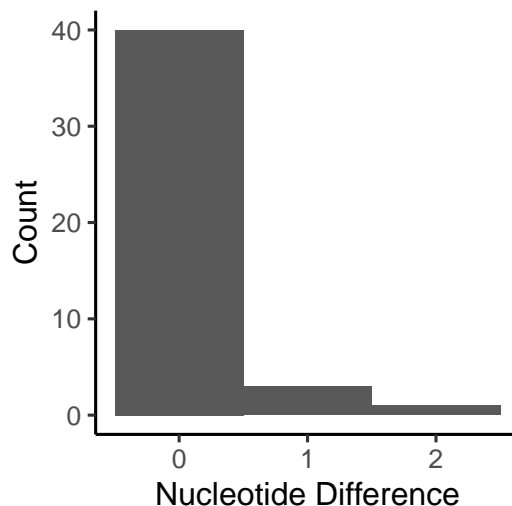
TRBV12–5*bp01

15 sequences assigned
11 (73.3%) exact matches, in which:
8 unique CDR3
6 unique J



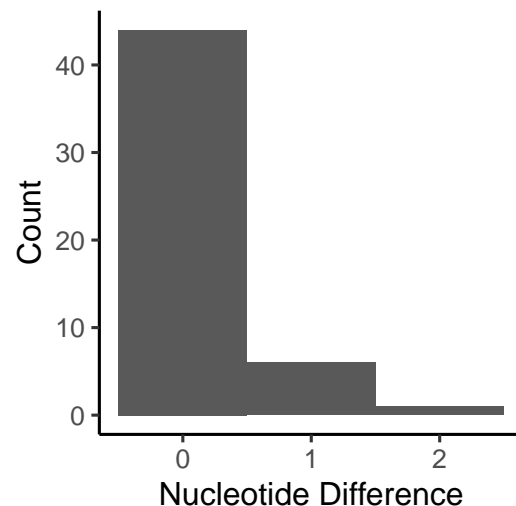
TRBV4–1*bp01

44 sequences assigned
40 (90.9%) exact matches, in which:
31 unique CDR3
11 unique J



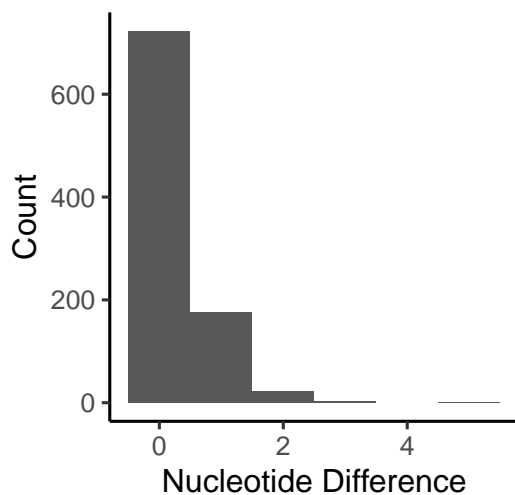
TRBV4–2*bp01

51 sequences assigned
44 (86.3%) exact matches, in which:
33 unique CDR3
11 unique J



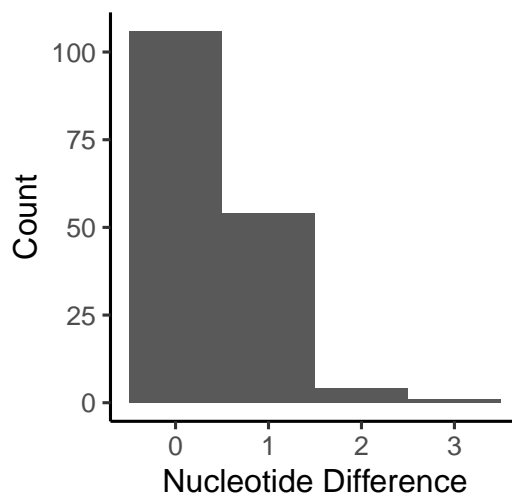
TRBV12–34*bp01

924 sequences assigned
723 (78.2%) exact matches, in which:
311 unique CDR3
15 unique J



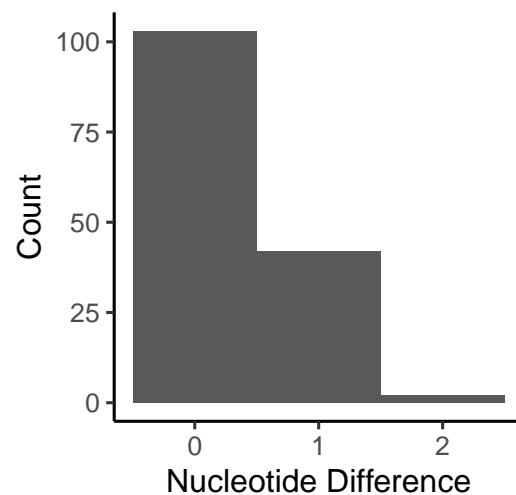
TRBV24–1*bp01

165 sequences assigned
106 (64.2%) exact matches, in which:
69 unique CDR3
11 unique J



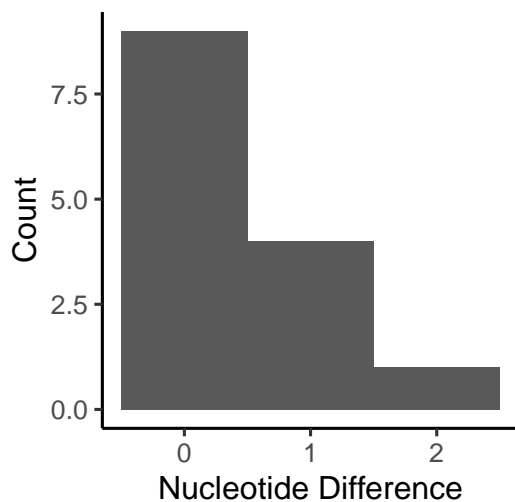
TRBV25–1*bp01

147 sequences assigned
103 (70.1%) exact matches, in which:
48 unique CDR3
12 unique J



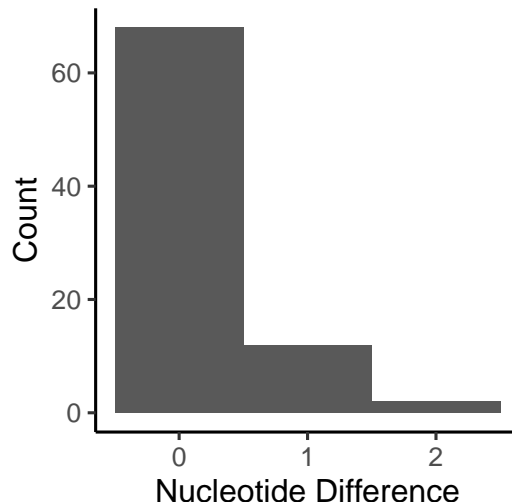
TRBV23–1*bp01

14 sequences assigned
9 (64.3%) exact matches, in which:
8 unique CDR3
3 unique J



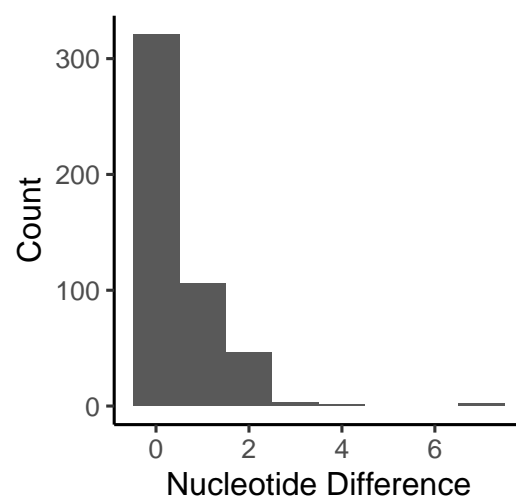
TRBV24–1*bp02

82 sequences assigned
68 (82.9%) exact matches, in which:
43 unique CDR3
8 unique J



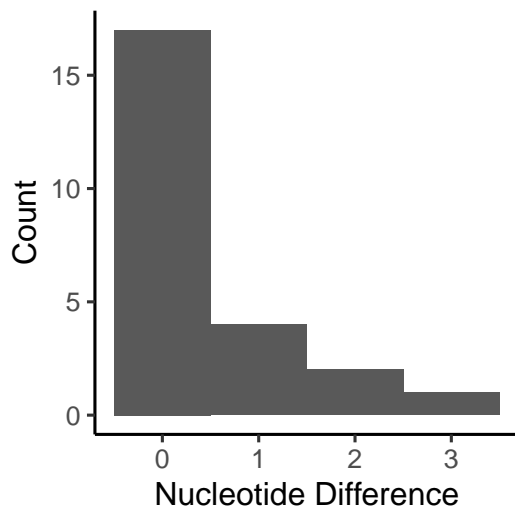
TRBV5–1*bp01

479 sequences assigned
321 (67%) exact matches, in which:
180 unique CDR3
15 unique J



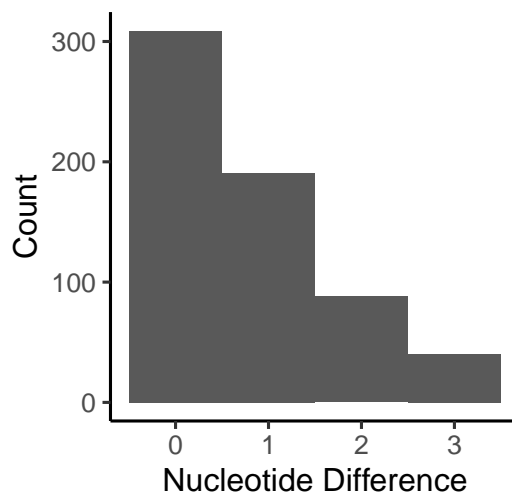
TRBV5-3*bp01

24 sequences assigned
17 (70.8%) exact matches, in which:
10 unique CDR3
6 unique J



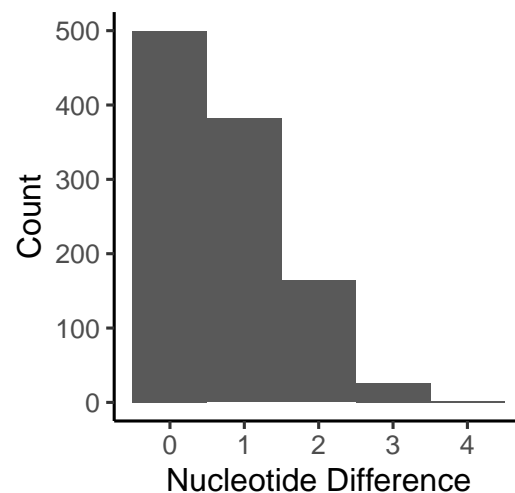
TRBV5-6*bp01

628 sequences assigned
309 (49.2%) exact matches, in which:
165 unique CDR3
15 unique J



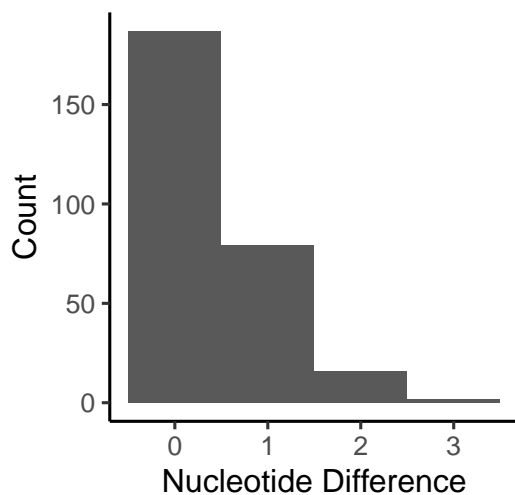
TRBV6-1*bp01

1074 sequences assigned
500 (46.6%) exact matches, in which:
356 unique CDR3
15 unique J



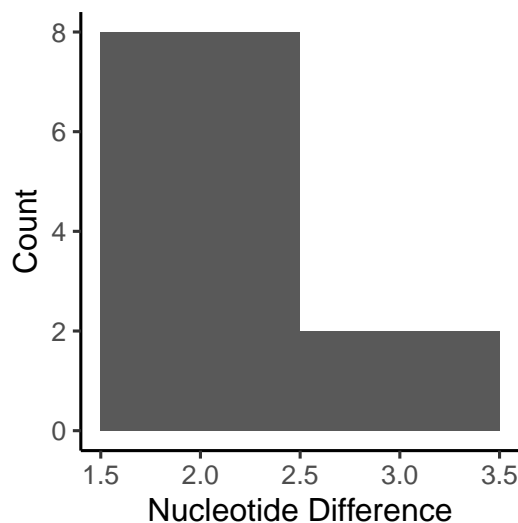
TRBV5-4*bp01

284 sequences assigned
187 (65.8%) exact matches, in which:
102 unique CDR3
13 unique J



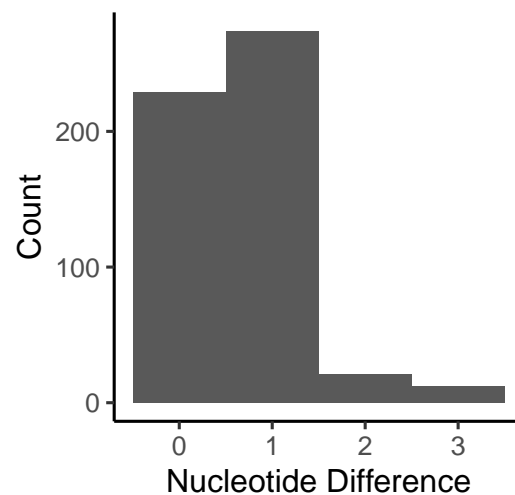
TRBV5-7*bp01

10 sequences assigned
No exact matches.



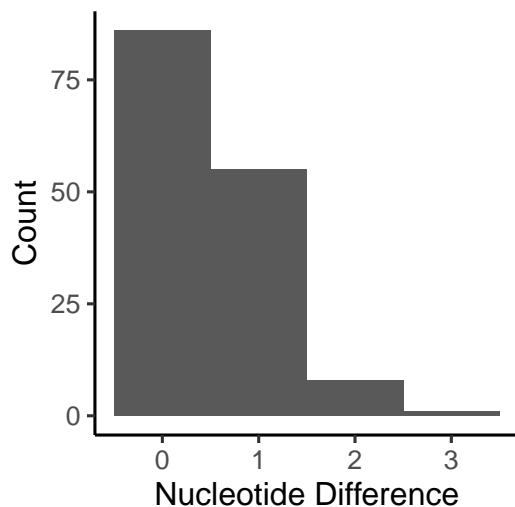
TRBV6-4*bp01

536 sequences assigned
229 (42.7%) exact matches, in which:
141 unique CDR3
15 unique J



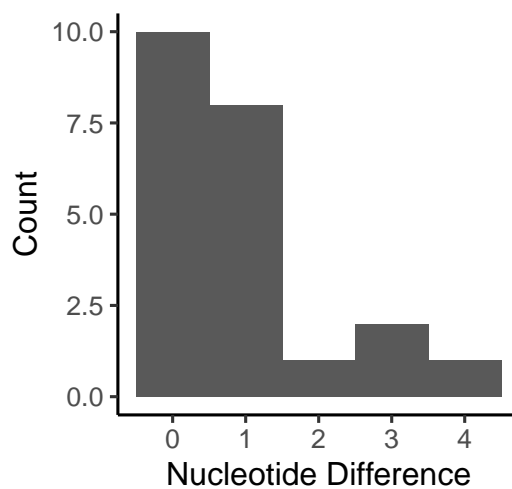
TRBV5-5*bp01

150 sequences assigned
86 (57.3%) exact matches, in which:
44 unique CDR3
15 unique J



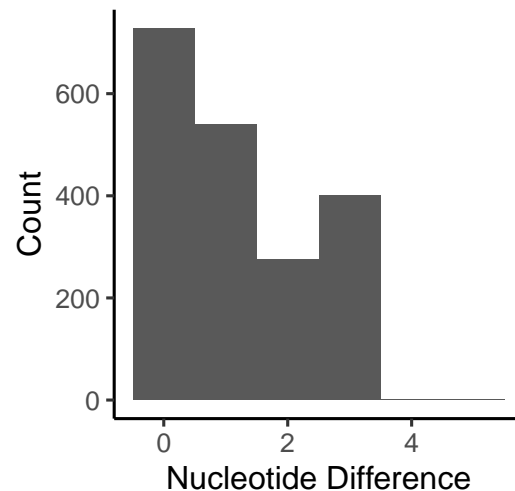
TRBV5-8*bp01

22 sequences assigned
10 (45.5%) exact matches, in which:
9 unique CDR3
6 unique J



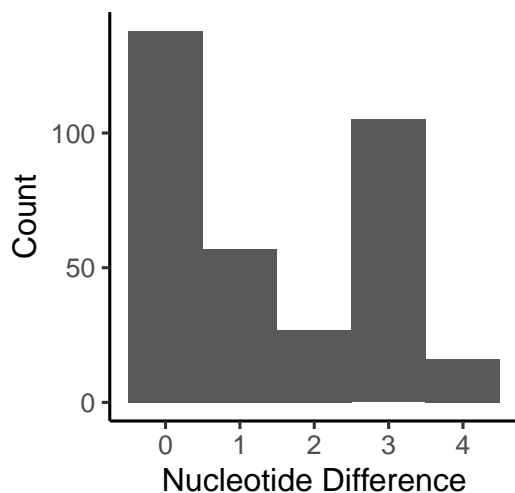
TRBV6-5*bp01

1946 sequences assigned
728 (37.4%) exact matches, in which:
486 unique CDR3
15 unique J



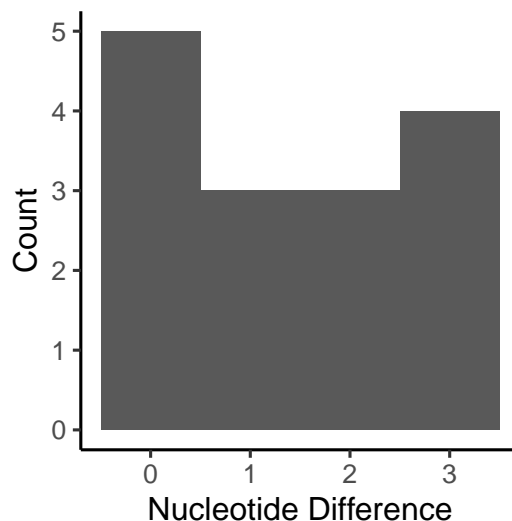
TRBV6-6*bp01

343 sequences assigned
138 (40.2%) exact matches, in which:
104 unique CDR3
14 unique J



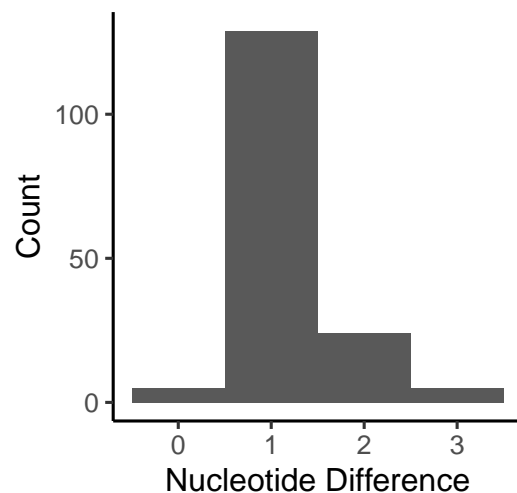
TRBV6-8*bp01

15 sequences assigned
5 (33.3%) exact matches, in which:
4 unique CDR3
3 unique J



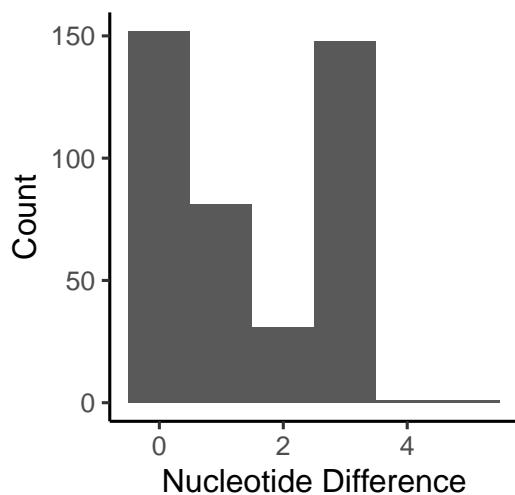
TRBV7-2*bp01

163 sequences assigned
5 (3.1%) exact matches, in which:
5 unique CDR3
4 unique J



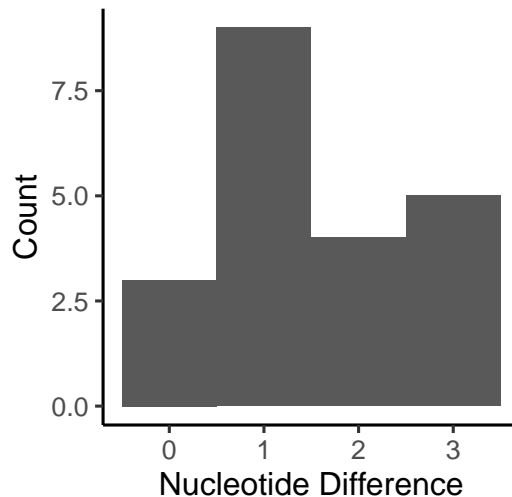
TRBV6-6*bp02

414 sequences assigned
152 (36.7%) exact matches, in which:
118 unique CDR3
14 unique J



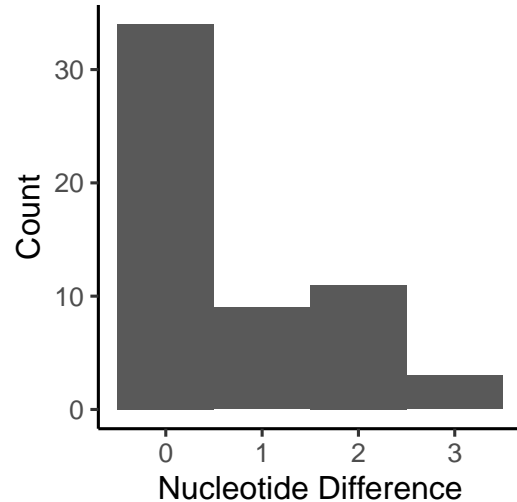
TRBV6-9*bp01

21 sequences assigned
3 (14.3%) exact matches, in which:
1 unique CDR3
1 unique J



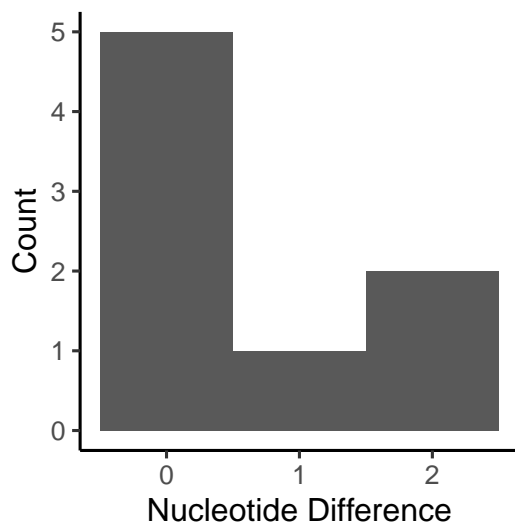
TRBV7-2*bp02

57 sequences assigned
34 (59.6%) exact matches, in which:
20 unique CDR3
8 unique J



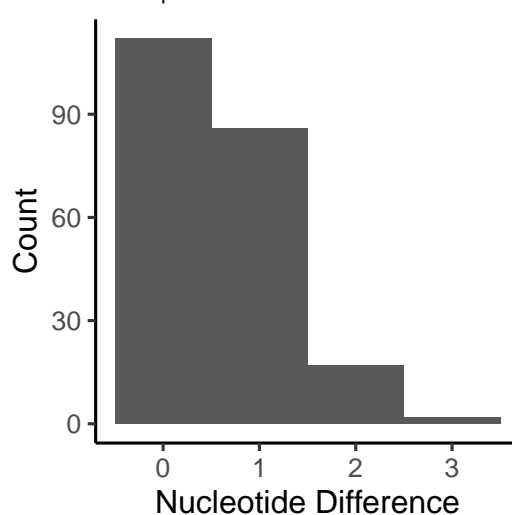
TRBV6-7*bp01

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



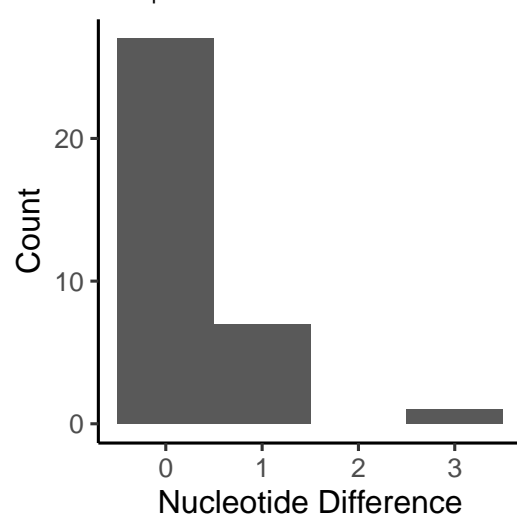
TRBV6-23*bp01

217 sequences assigned
112 (51.6%) exact matches, in which:
87 unique CDR3
13 unique J



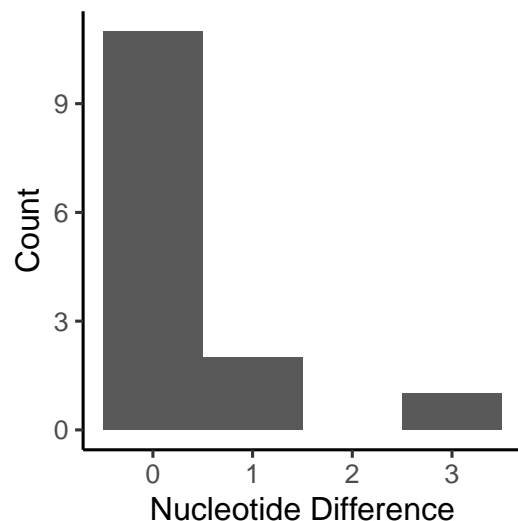
TRBV7-3*bp01

35 sequences assigned
27 (77.1%) exact matches, in which:
24 unique CDR3
6 unique J



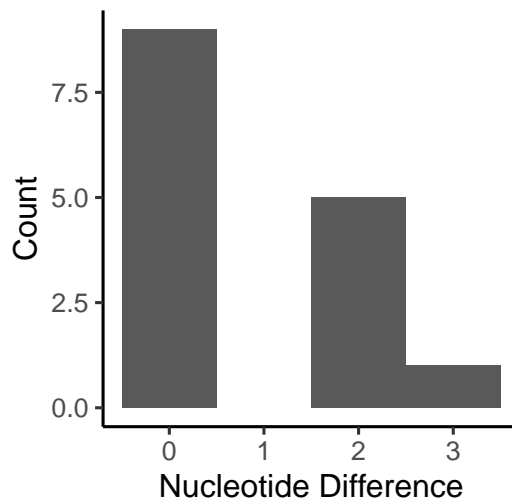
TRBV7-3*bp03

14 sequences assigned
11 (78.6%) exact matches, in which:
8 unique CDR3
7 unique J



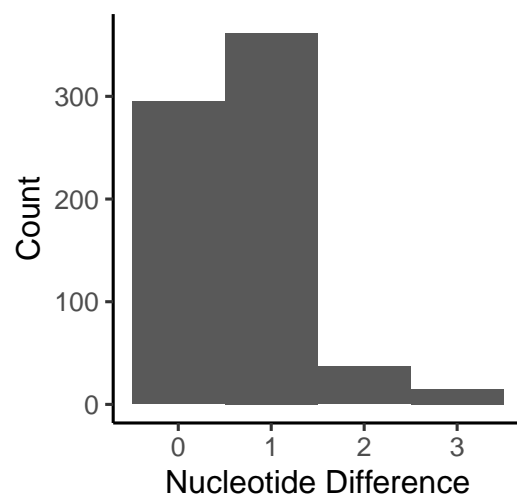
TRBV7-7*bp01

15 sequences assigned
9 (60%) exact matches, in which:
7 unique CDR3
4 unique J



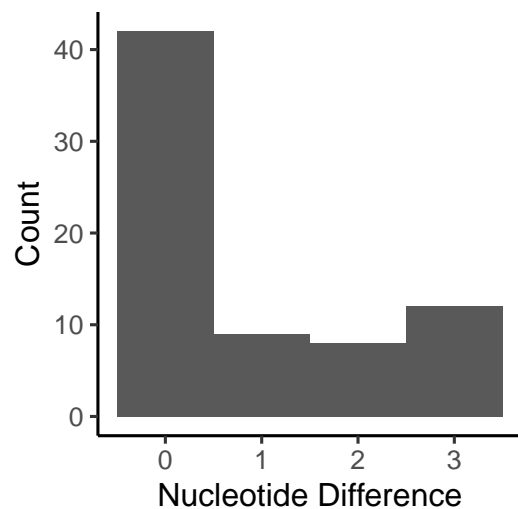
TRBV29-1*bp01

709 sequences assigned
295 (41.6%) exact matches, in which:
174 unique CDR3
10 unique J



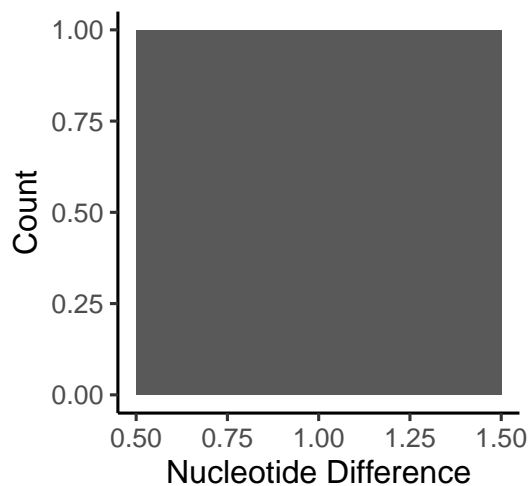
TRBV7-4*bp01

71 sequences assigned
42 (59.2%) exact matches, in which:
25 unique CDR3
6 unique J



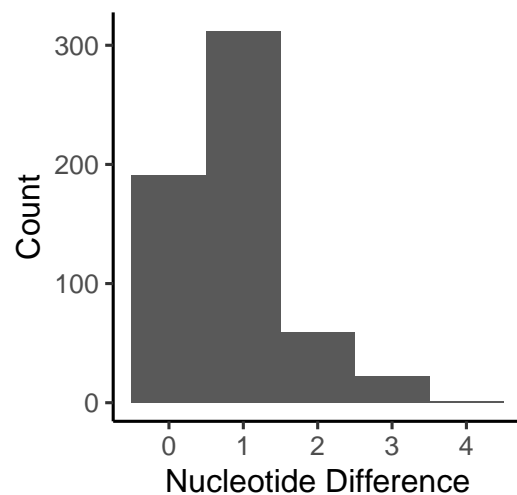
TRBV7-8*bp01

1 sequences assigned
No exact matches.



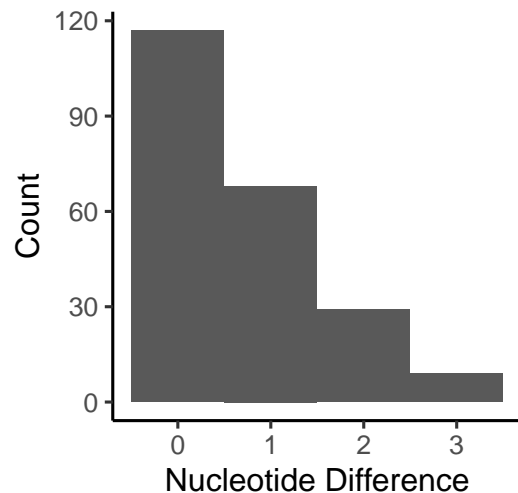
TRBV29-1*bp03

585 sequences assigned
191 (32.6%) exact matches, in which:
119 unique CDR3
11 unique J



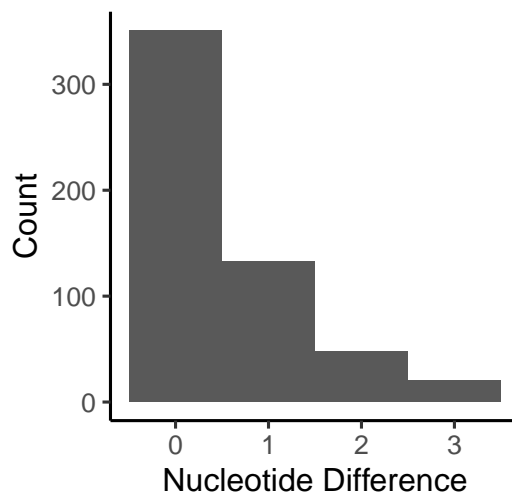
TRBV7-6*bp01

223 sequences assigned
117 (52.5%) exact matches, in which:
56 unique CDR3
13 unique J

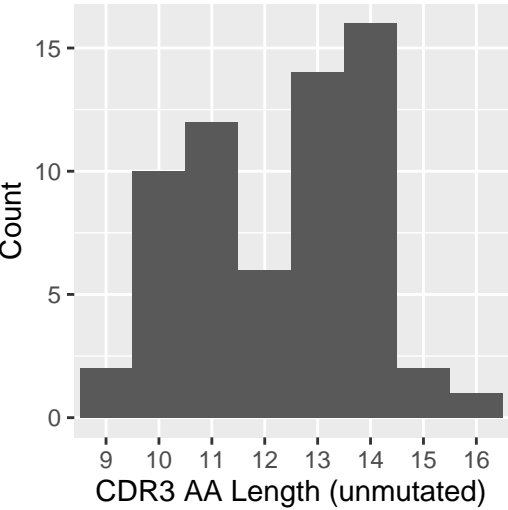


TRBV7-9*bp01

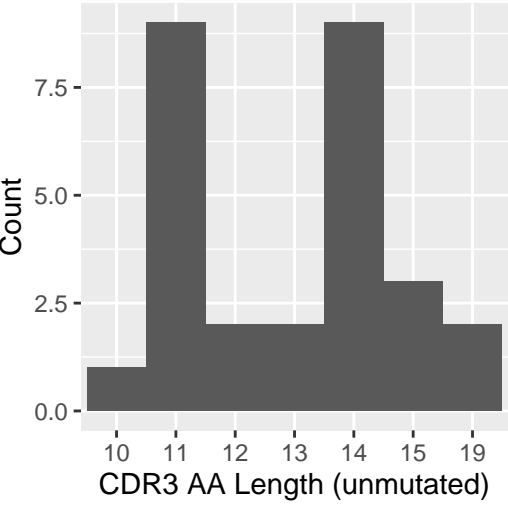
552 sequences assigned
351 (63.6%) exact matches, in which:
179 unique CDR3
15 unique J



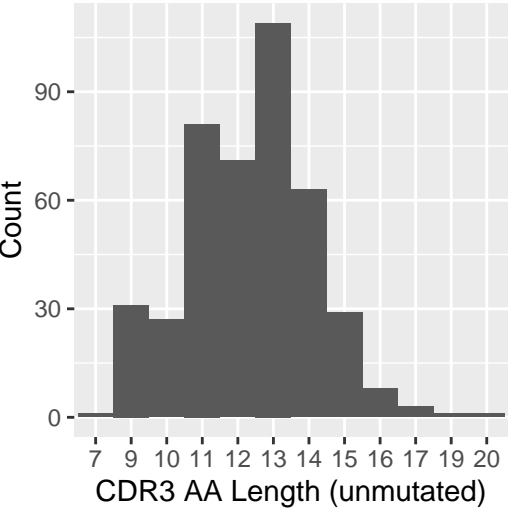
TRBV10-3*bp02_313GCCATCAGTGAGTC326



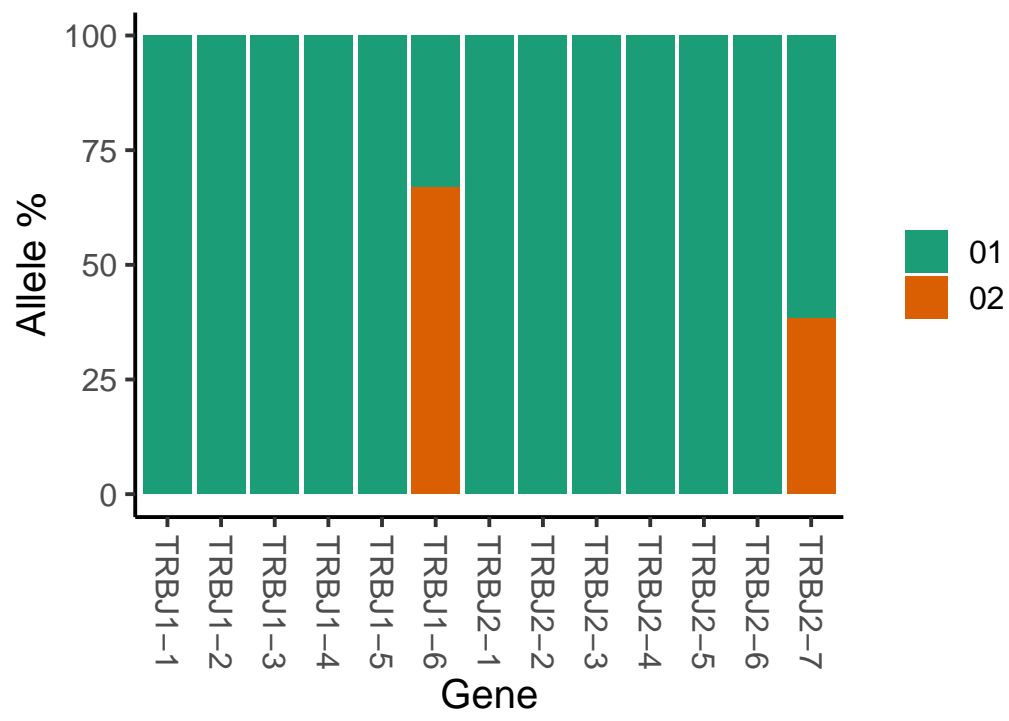
TRBV14*bp02_322CAAGA326



TRBV20-1*bp04_322GA323



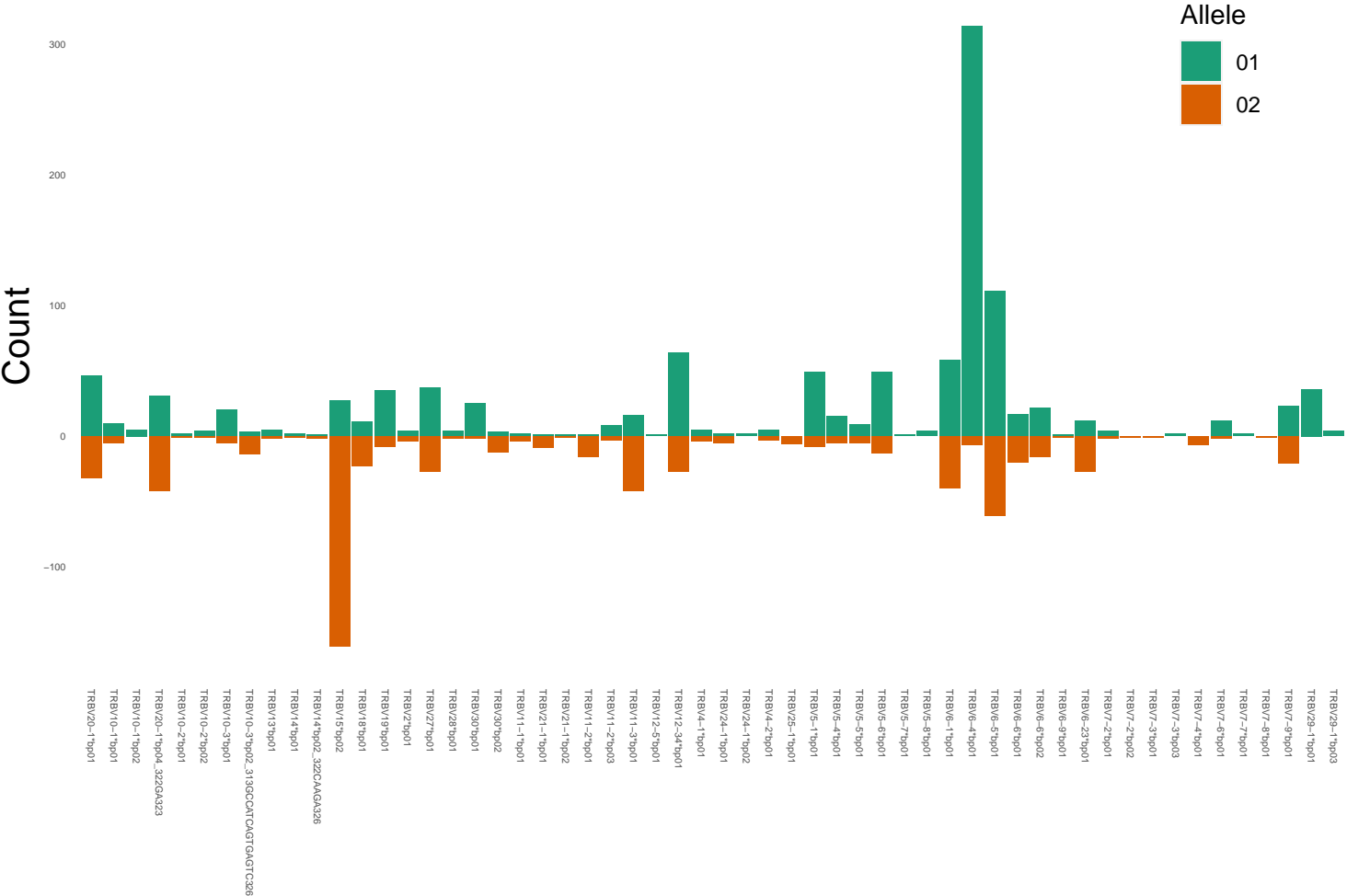
Allele Usage



Sequence Count by TRBJ1–6 allele usage



Sequence Count by TRBJ2-7 allele usage



[illegible]