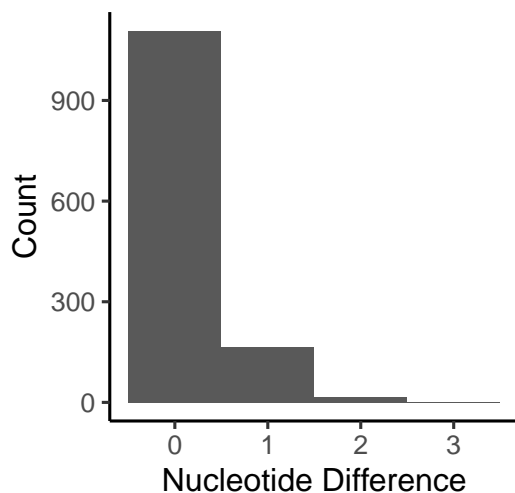


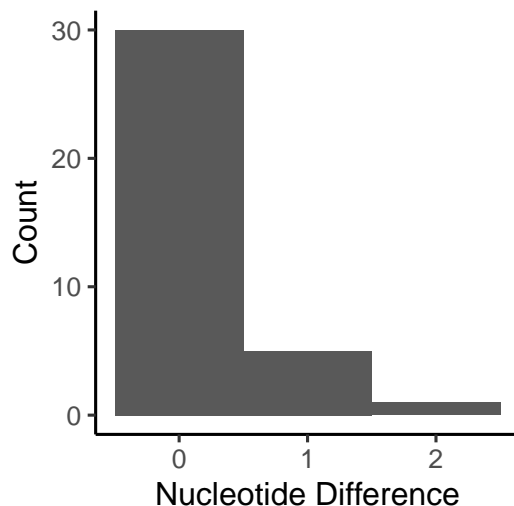
TRBV20–1*bp01

1290 sequences assigned
1108 (85.9%) exact matches, in which:
818 unique CDR3
14 unique J



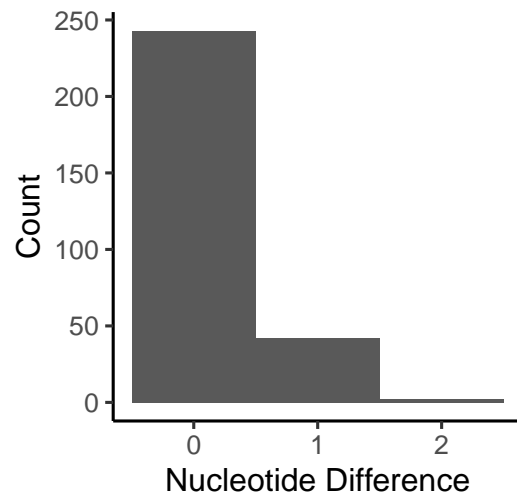
TRBV10–2*bp01

36 sequences assigned
30 (83.3%) exact matches, in which:
26 unique CDR3
8 unique J



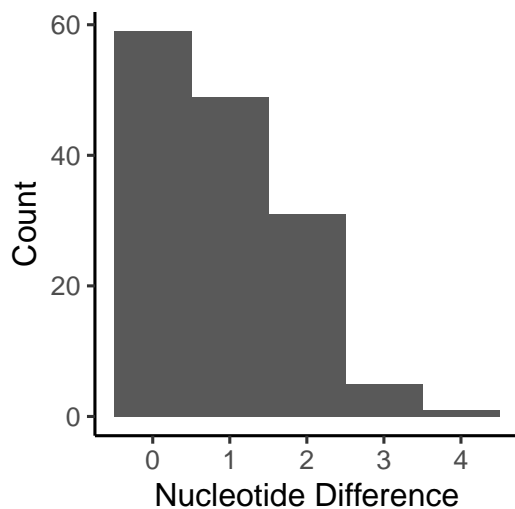
TRBV14*bp01

287 sequences assigned
243 (84.7%) exact matches, in which:
188 unique CDR3
14 unique J



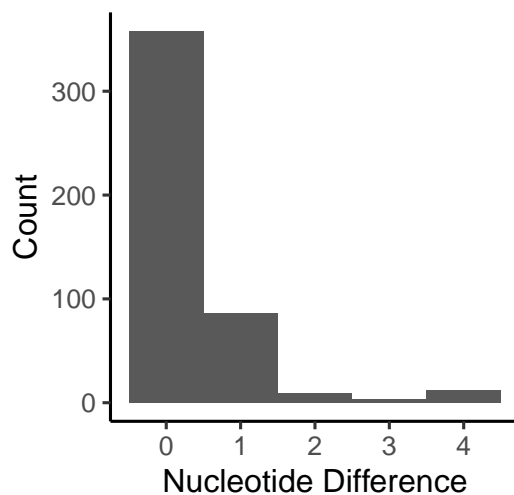
TRBV10–1*bp01

145 sequences assigned
59 (40.7%) exact matches, in which:
49 unique CDR3
11 unique J



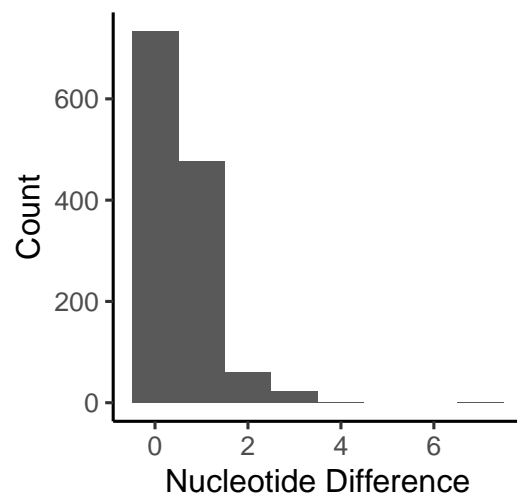
TRBV10–3*bp01

468 sequences assigned
358 (76.5%) exact matches, in which:
274 unique CDR3
14 unique J



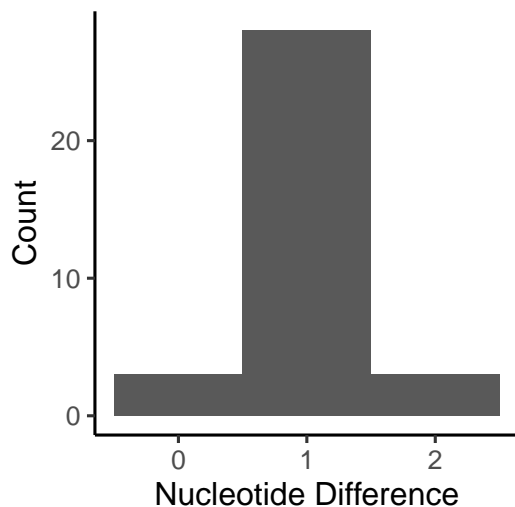
TRBV15*bp02

1294 sequences assigned
734 (56.7%) exact matches, in which:
463 unique CDR3
14 unique J



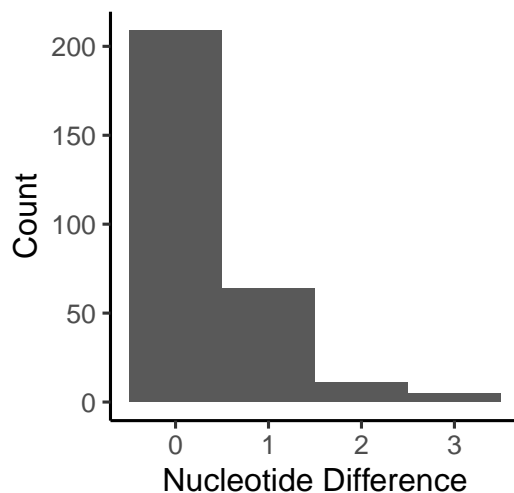
TRBV10–1*bp02

34 sequences assigned
3 (8.8%) exact matches, in which:
3 unique CDR3
3 unique J



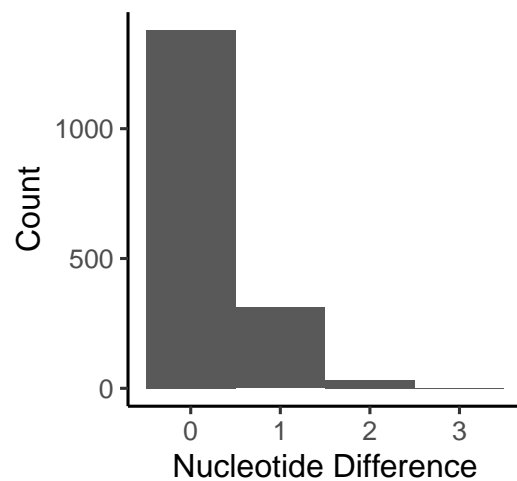
TRBV13*bp01

289 sequences assigned
209 (72.3%) exact matches, in which:
162 unique CDR3
14 unique J



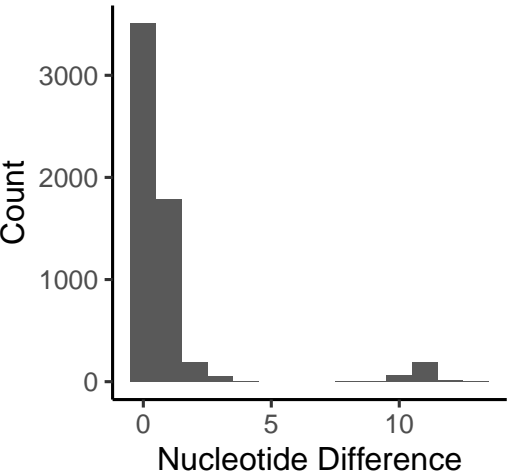
TRBV18*bp01

1724 sequences assigned
1380 (80%) exact matches, in which:
796 unique CDR3
14 unique J



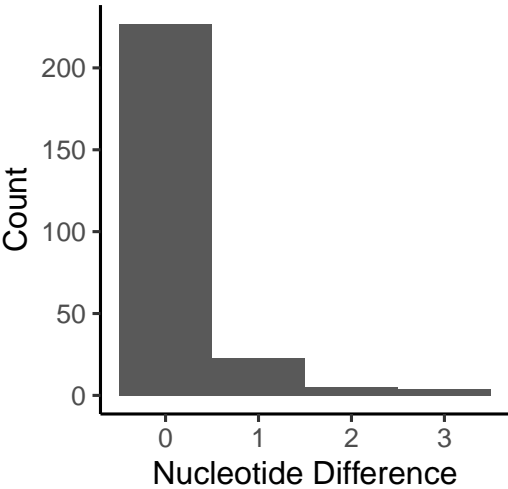
TRBV19*bp01

5818 sequences assigned
3508 (60.3%) exact matches, in which:
2145 unique CDR3
14 unique J



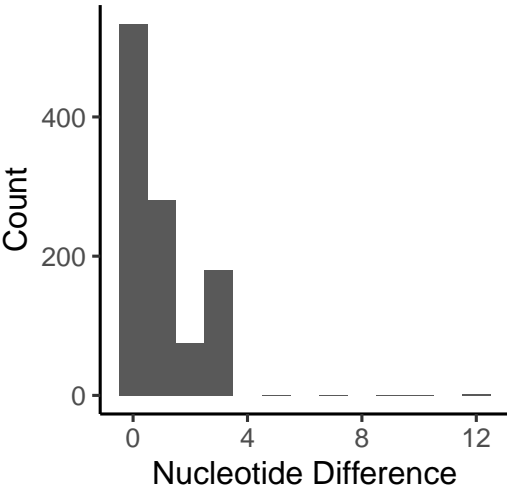
TRBV28*bp01

259 sequences assigned
227 (87.6%) exact matches, in which:
196 unique CDR3
14 unique J



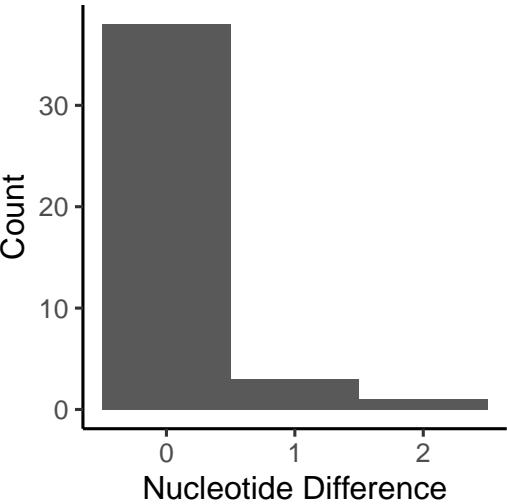
TRBV11-1*bp01

1076 sequences assigned
534 (49.6%) exact matches, in which:
409 unique CDR3
14 unique J



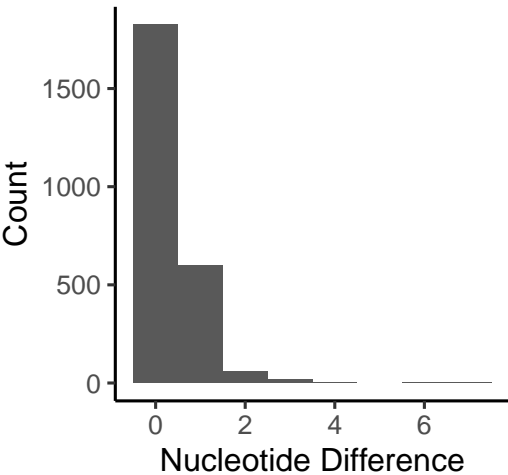
TRBV2*bp01

42 sequences assigned
38 (90.5%) exact matches, in which:
37 unique CDR3
12 unique J



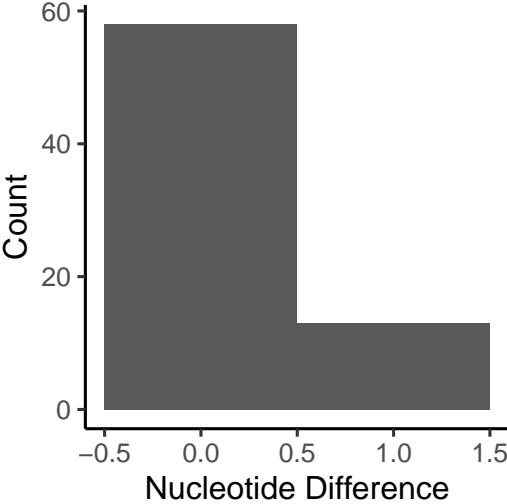
TRBV30*bp01

2506 sequences assigned
1825 (72.8%) exact matches, in which:
952 unique CDR3
14 unique J



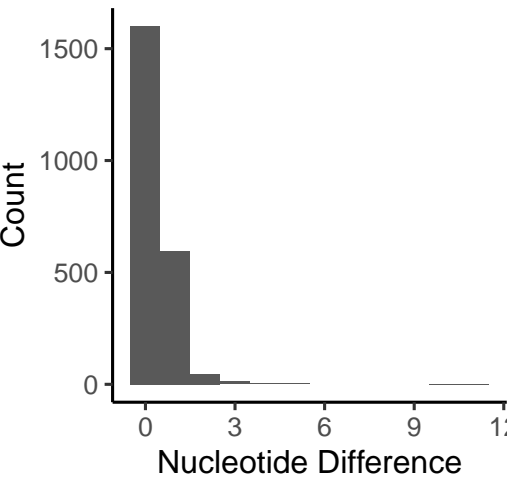
TRBV21-1*bp01

71 sequences assigned
58 (81.7%) exact matches, in which:
55 unique CDR3
11 unique J



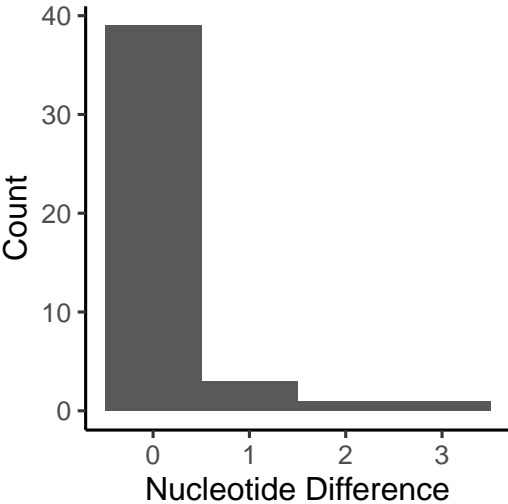
TRBV27*bp01

2265 sequences assigned
1601 (70.7%) exact matches, in which:
1280 unique CDR3
14 unique J



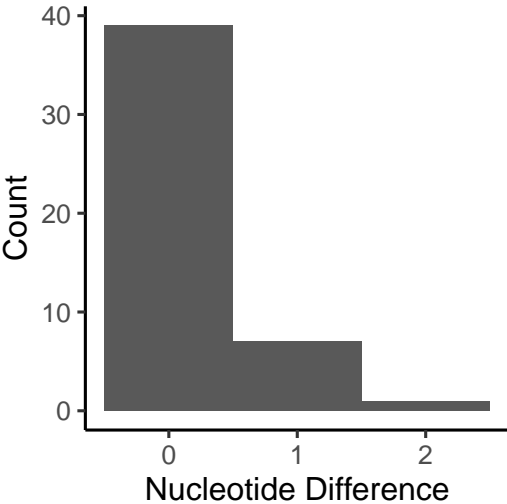
TRBV9*bp01

44 sequences assigned
39 (88.6%) exact matches, in which:
36 unique CDR3
13 unique J



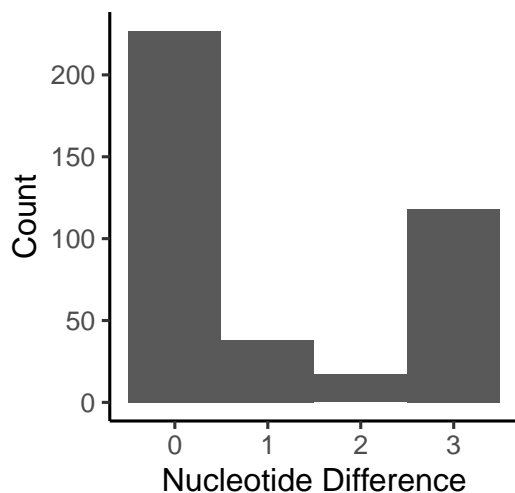
TRBV21-1*bp02

47 sequences assigned
39 (83%) exact matches, in which:
37 unique CDR3
14 unique J



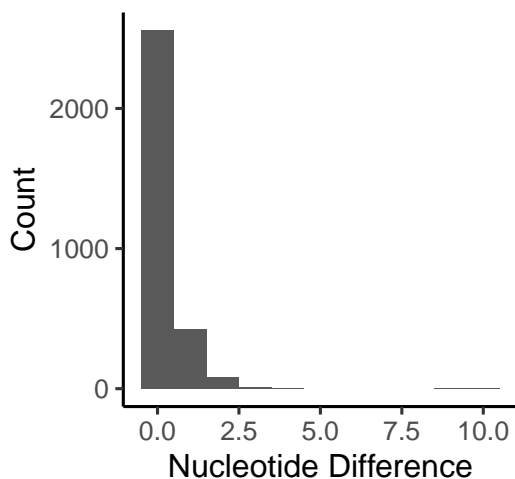
TRBV11–2*bp01

400 sequences assigned
227 (56.8%) exact matches, in which:
199 unique CDR3
13 unique J



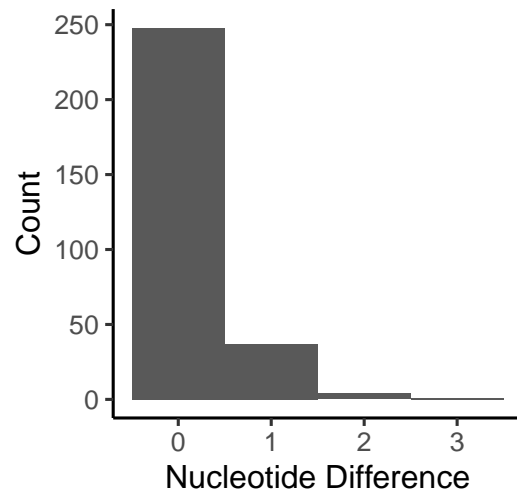
TRBV12–34*bp01

3074 sequences assigned
2557 (83.2%) exact matches, in which:
1546 unique CDR3
14 unique J



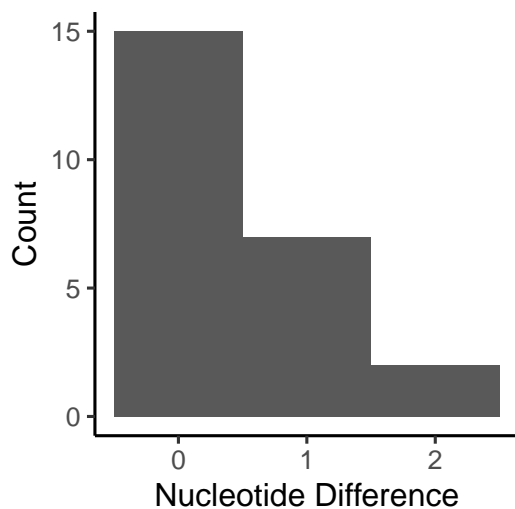
TRBV24–1*bp01

290 sequences assigned
248 (85.5%) exact matches, in which:
207 unique CDR3
14 unique J



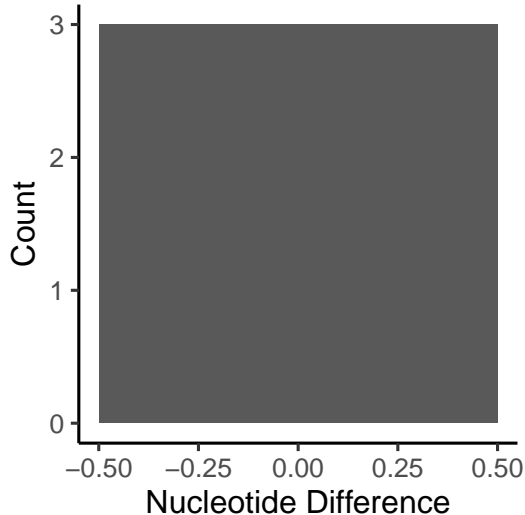
TRBV11–3*bp01

24 sequences assigned
15 (62.5%) exact matches, in which:
15 unique CDR3
6 unique J



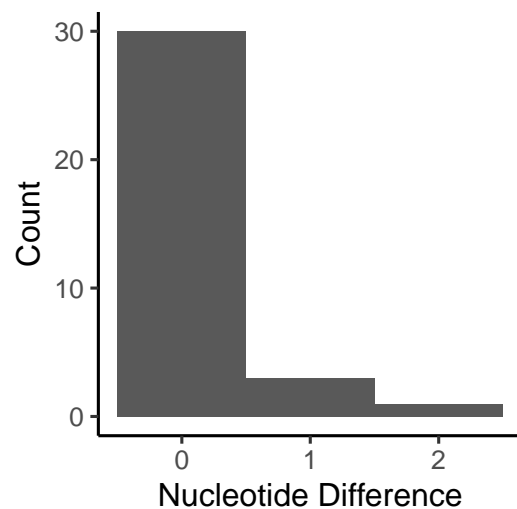
TRBV23–1*bp01

3 sequences assigned
3 (100%) exact matches, in which:
2 unique CDR3
2 unique J



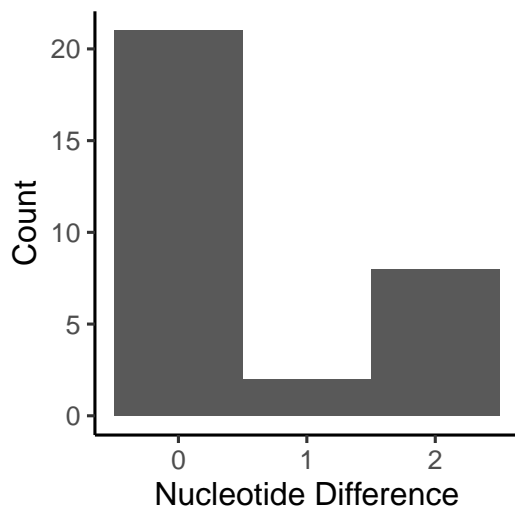
TRBV4–1*bp01

34 sequences assigned
30 (88.2%) exact matches, in which:
29 unique CDR3
12 unique J



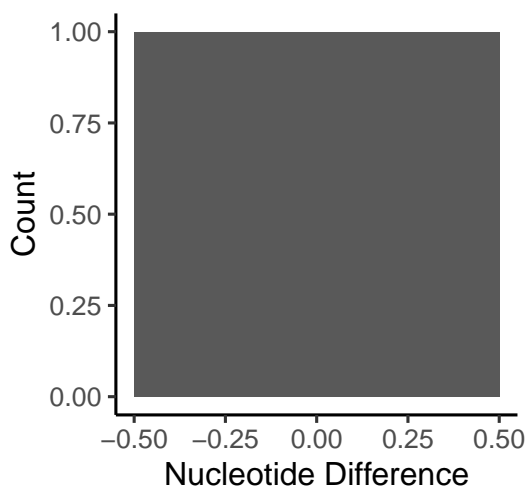
TRBV12–5*bp01

31 sequences assigned
21 (67.7%) exact matches, in which:
20 unique CDR3
10 unique J



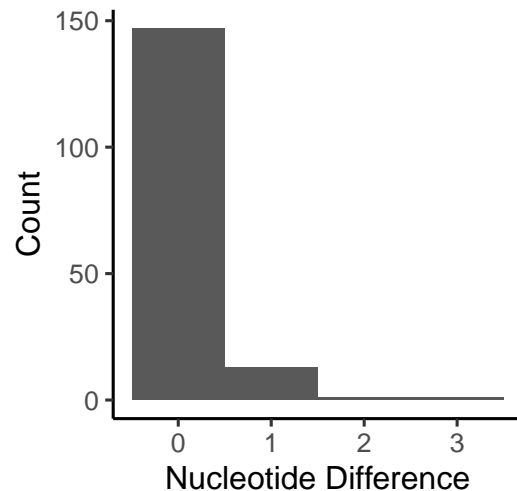
TRBV3–1*bp01

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



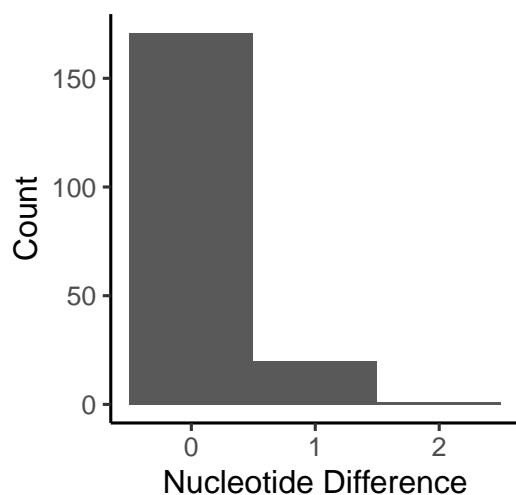
TRBV24–1*bp02

162 sequences assigned
147 (90.7%) exact matches, in which:
127 unique CDR3
13 unique J



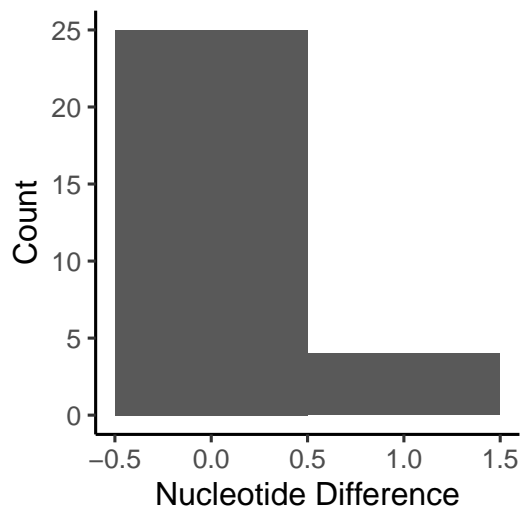
TRBV4-2*bp01

192 sequences assigned
171 (89.1%) exact matches, in which:
158 unique CDR3
14 unique J



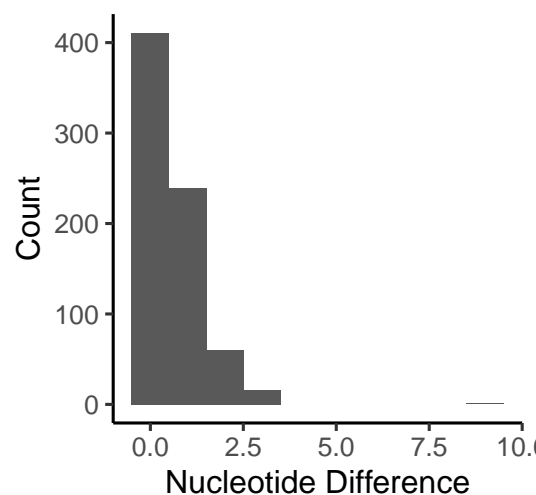
TRBV25-1*bp01

29 sequences assigned
25 (86.2%) exact matches, in which:
23 unique CDR3
9 unique J



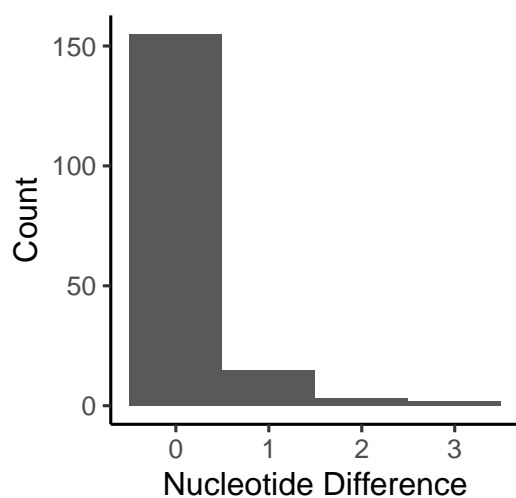
TRBV5-5*bp01

727 sequences assigned
411 (56.5%) exact matches, in which:
301 unique CDR3
14 unique J



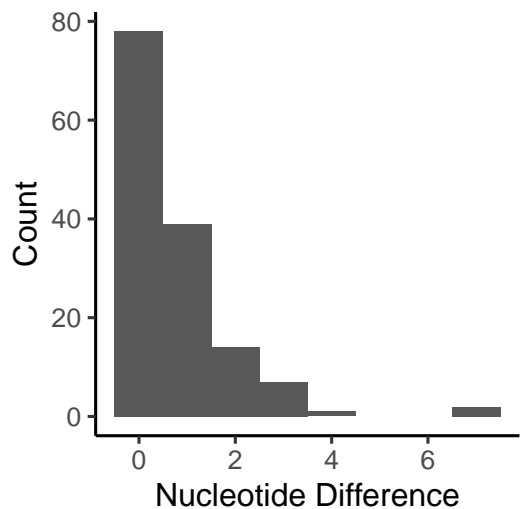
TRBV4-3*bp01

175 sequences assigned
155 (88.6%) exact matches, in which:
142 unique CDR3
12 unique J



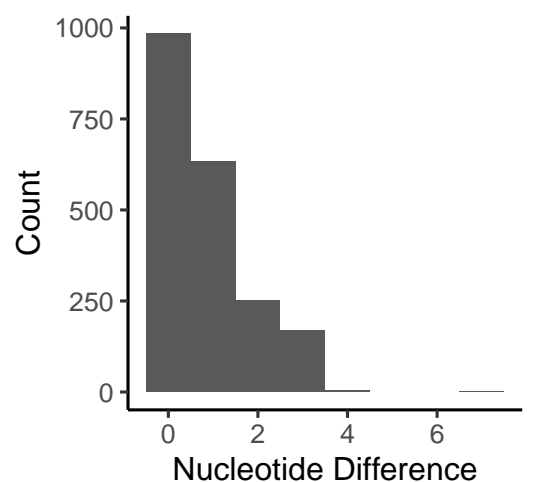
TRBV5-3*bp01

141 sequences assigned
78 (55.3%) exact matches, in which:
64 unique CDR3
14 unique J



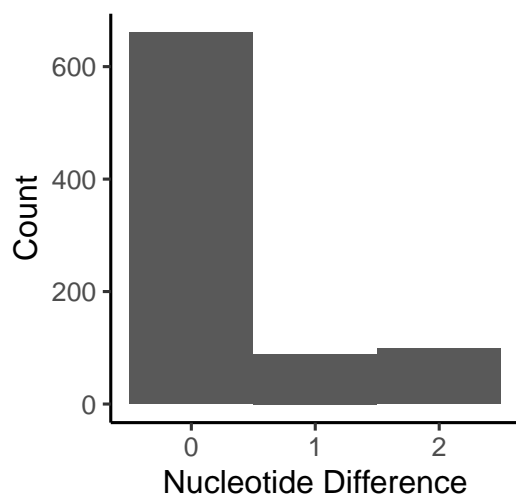
TRBV5-6*bp01

2042 sequences assigned
984 (48.2%) exact matches, in which:
667 unique CDR3
14 unique J



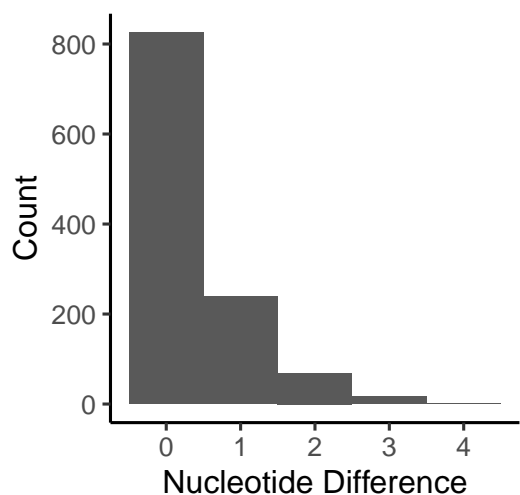
TRBV5-1*bp01

848 sequences assigned
661 (77.9%) exact matches, in which:
542 unique CDR3
14 unique J



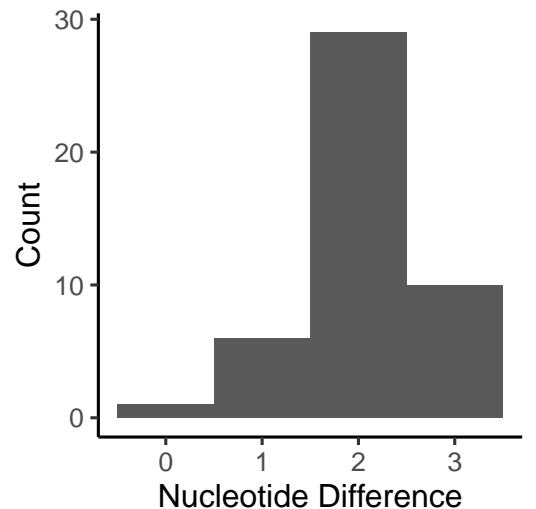
TRBV5-4*bp01

1151 sequences assigned
826 (71.8%) exact matches, in which:
590 unique CDR3
14 unique J



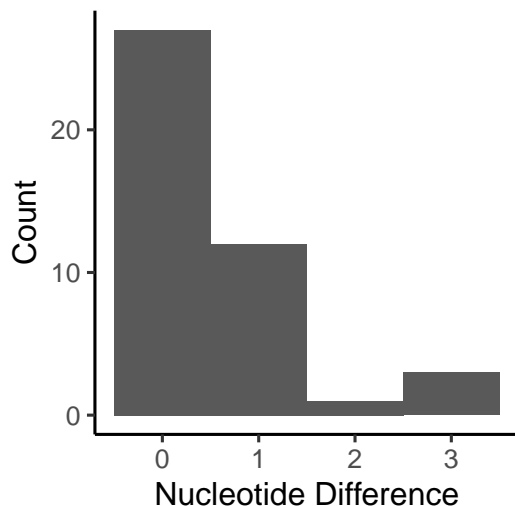
TRBV5-7*bp01

46 sequences assigned
1 (2.2%) exact matches, in which:
1 unique CDR3
1 unique J



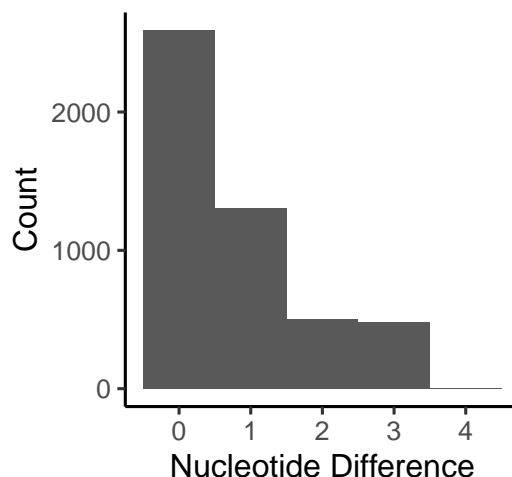
TRBV5–8*bp01

43 sequences assigned
27 (62.8%) exact matches, in which:
24 unique CDR3
11 unique J



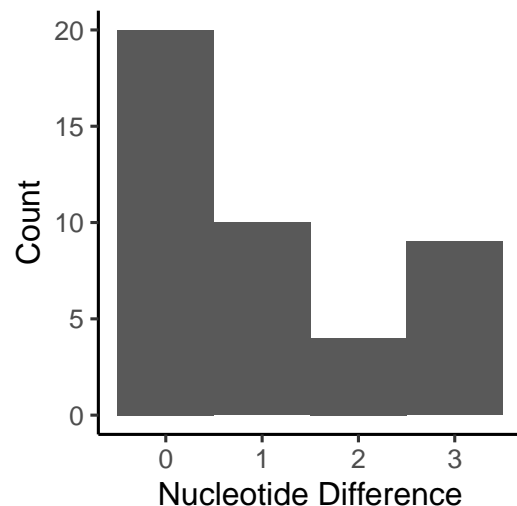
TRBV6–5*bp01

4873 sequences assigned
2590 (53.2%) exact matches, in which:
2055 unique CDR3
14 unique J



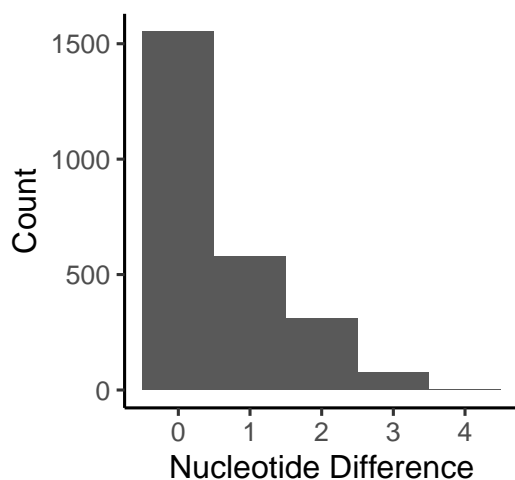
TRBV6–8*bp01

43 sequences assigned
20 (46.5%) exact matches, in which:
16 unique CDR3
7 unique J



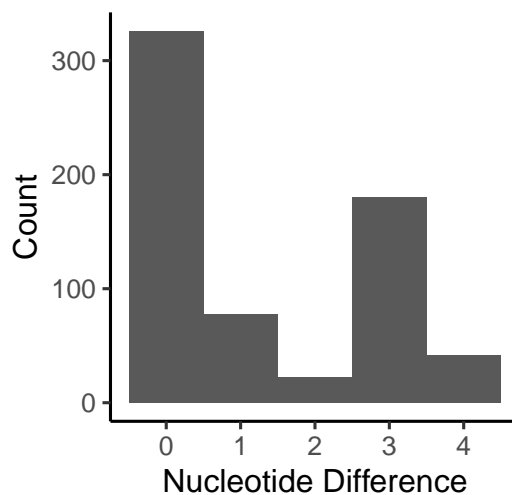
TRBV6–1*bp01

2517 sequences assigned
1552 (61.7%) exact matches, in which:
1289 unique CDR3
14 unique J



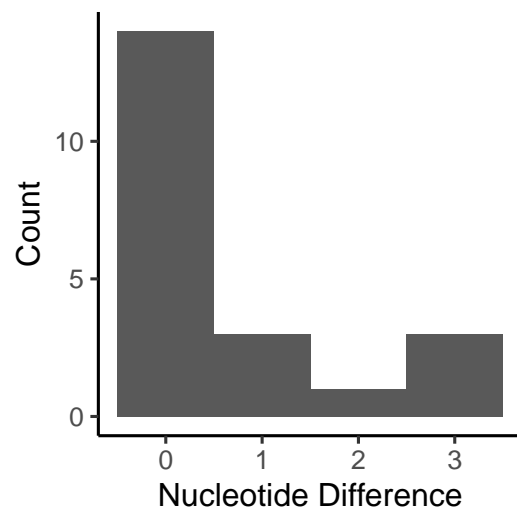
TRBV6–6*bp01

648 sequences assigned
326 (50.3%) exact matches, in which:
270 unique CDR3
14 unique J



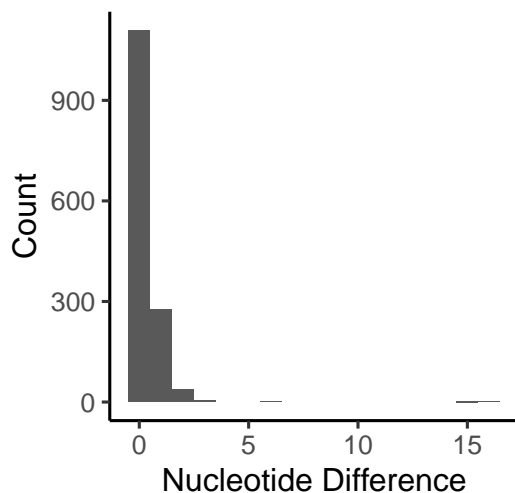
TRBV6–9*bp01

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



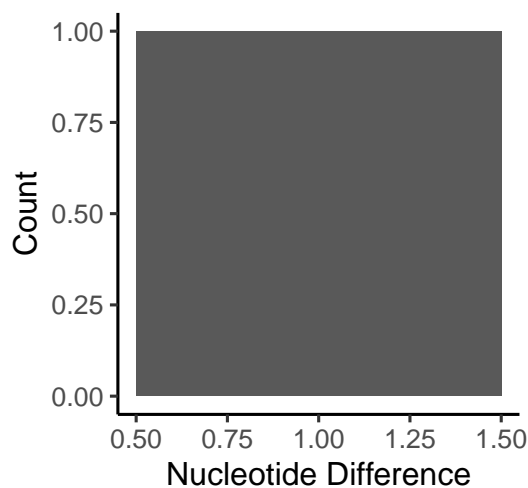
TRBV6–4*bp01

1434 sequences assigned
1109 (77.3%) exact matches, in which:
809 unique CDR3
14 unique J



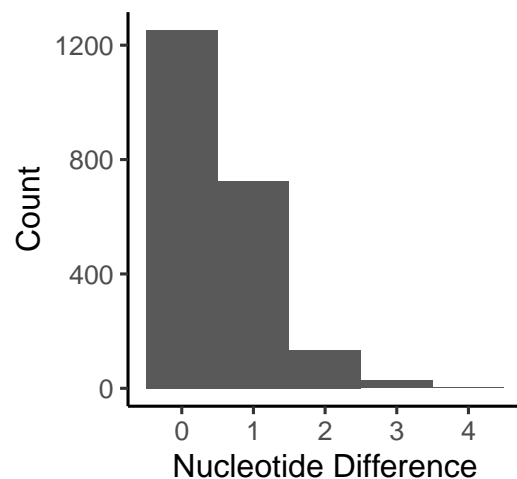
TRBV6–7*bp01

1 sequences assigned
No exact matches.



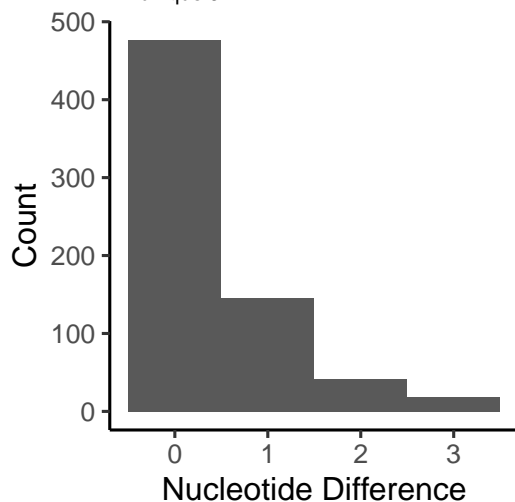
TRBV6–23*bp01

2141 sequences assigned
1253 (58.5%) exact matches, in which:
1016 unique CDR3
14 unique J



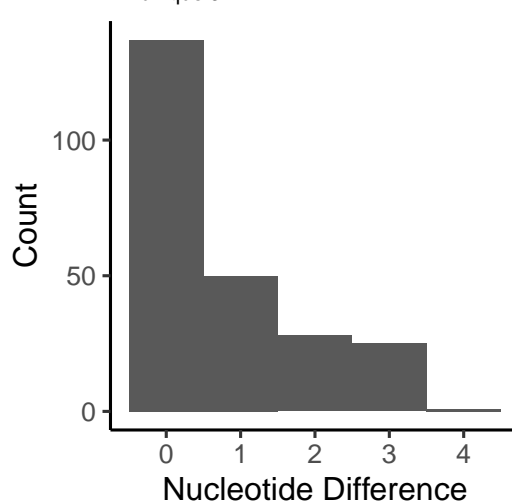
TRBV7-2*bp01

682 sequences assigned
477 (69.9%) exact matches, in which:
364 unique CDR3
14 unique J



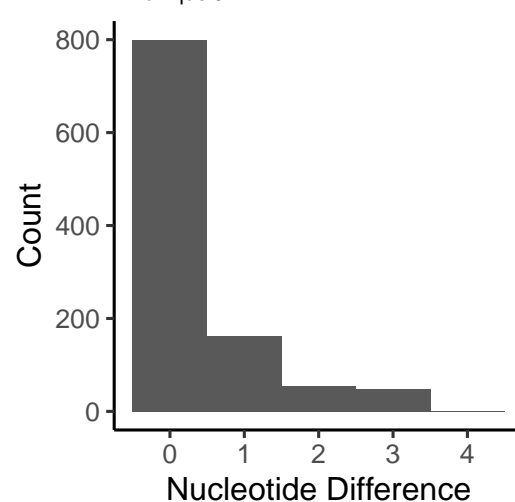
TRBV7-4*bp01

241 sequences assigned
137 (56.8%) exact matches, in which:
108 unique CDR3
12 unique J



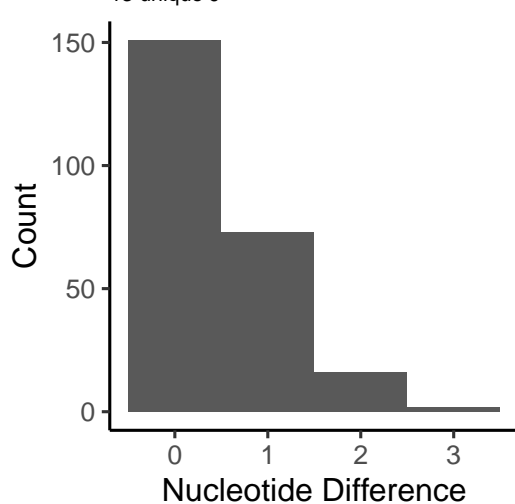
TRBV7-9*bp01

1067 sequences assigned
800 (75%) exact matches, in which:
562 unique CDR3
14 unique J



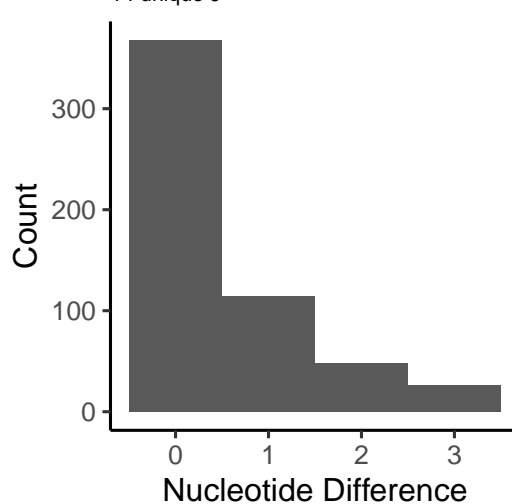
TRBV7-2*bp02

242 sequences assigned
151 (62.4%) exact matches, in which:
124 unique CDR3
13 unique J



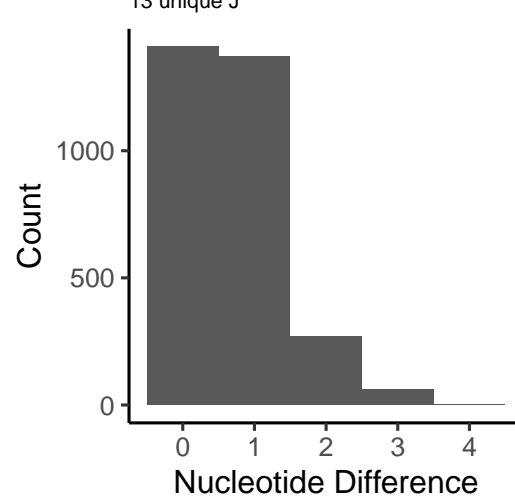
TRBV7-6*bp01

556 sequences assigned
368 (66.2%) exact matches, in which:
256 unique CDR3
14 unique J



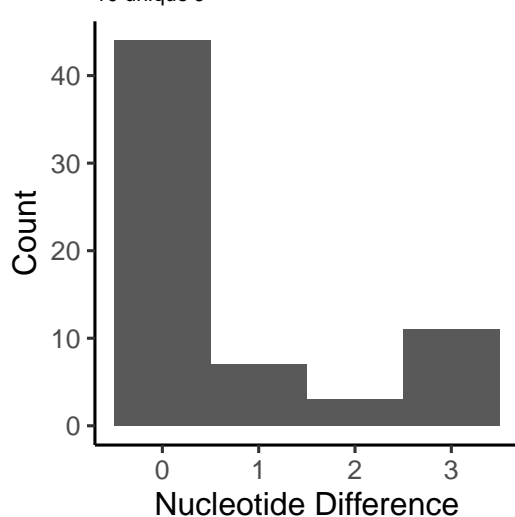
TRBV29-1*bp01

3114 sequences assigned
1409 (45.2%) exact matches, in which:
895 unique CDR3
13 unique J



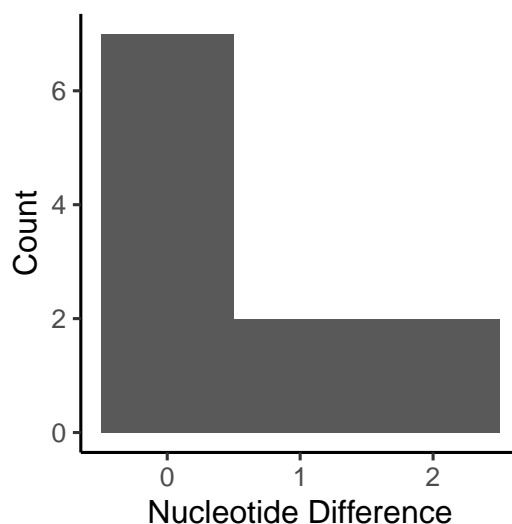
TRBV7-3*bp01

65 sequences assigned
44 (67.7%) exact matches, in which:
40 unique CDR3
10 unique J



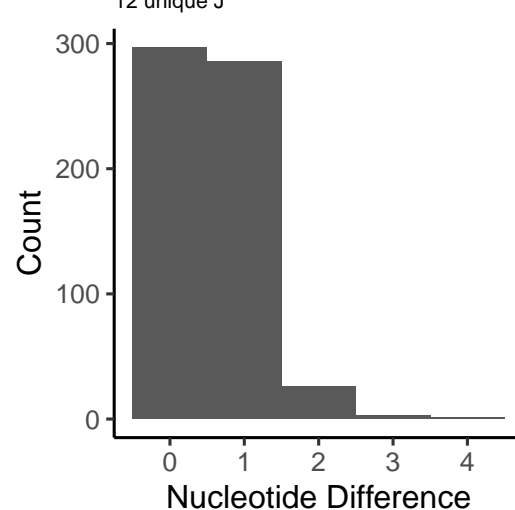
TRBV7-7*bp01

11 sequences assigned
7 (63.6%) exact matches, in which:
6 unique CDR3
4 unique J

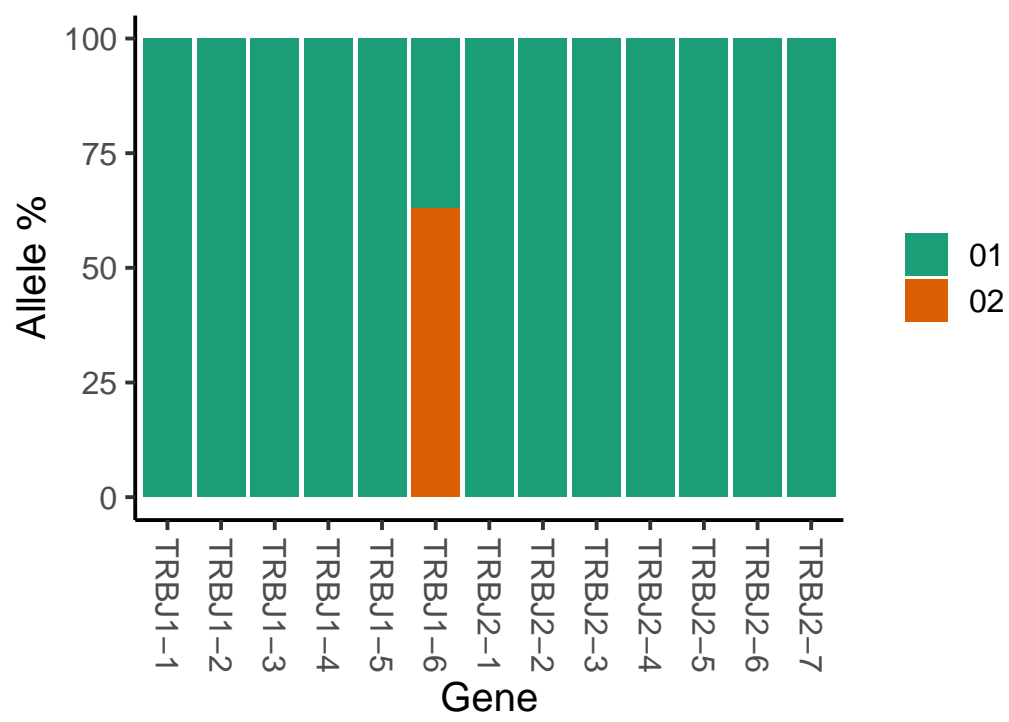


TRBV29-1*bp03

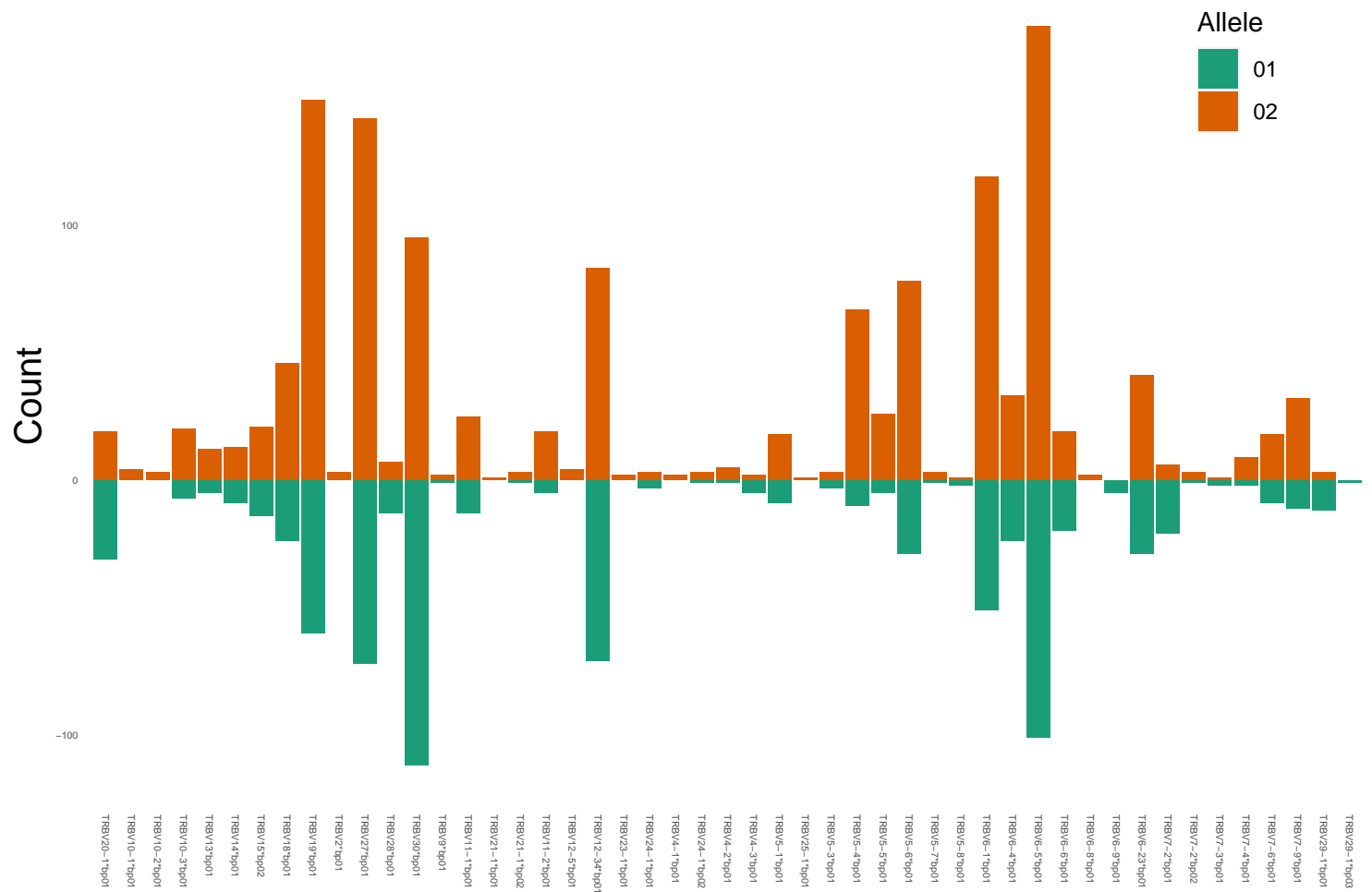
613 sequences assigned
297 (48.5%) exact matches, in which:
197 unique CDR3
12 unique J



Allele Usage



Sequence Count by TRBJ1–6 allele usage



Warning: sequence(s) for allele(s) TRAV26–1*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV21*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV16*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV26–2*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV8–3*02 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV4*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV13–2*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV38–1*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV13–1*02 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV8–2*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV8–1*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV23/DV6*02 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV10*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV14/DV4*02 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV8–3*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV9–1*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV39*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV2*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV25*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV36/DV7*04 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV30*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV40*01 can't be found in the reference set or the novel alleles file.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.