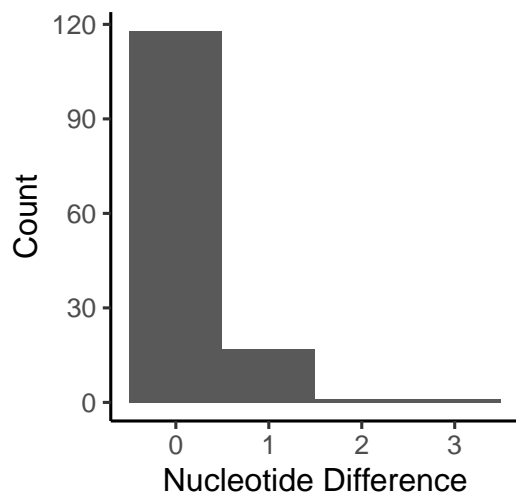


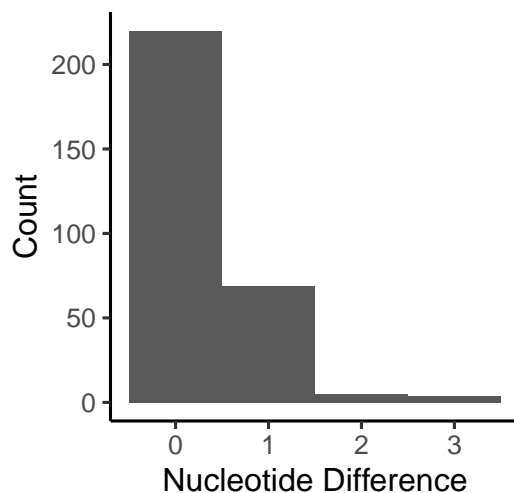
TRBV20–1*bp01

137 sequences assigned
118 (86.1%) exact matches, in which:
102 unique CDR3
14 unique J



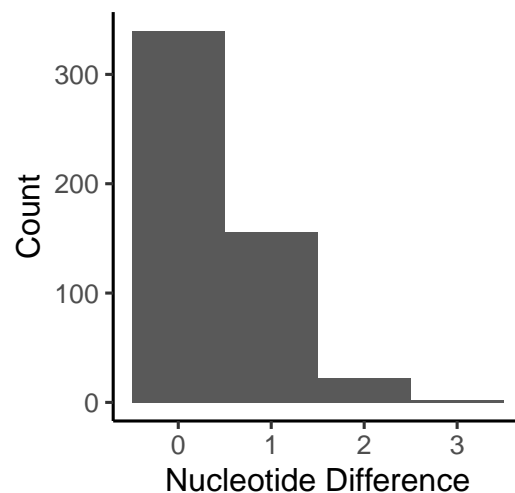
TRBV10–3*bp01

298 sequences assigned
220 (73.8%) exact matches, in which:
176 unique CDR3
15 unique J



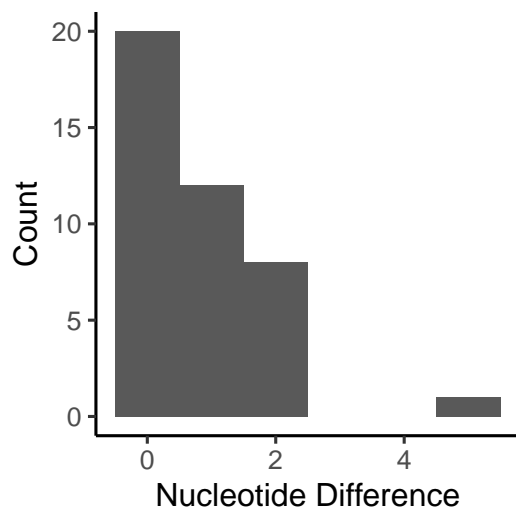
TRBV15*bp02

520 sequences assigned
340 (65.4%) exact matches, in which:
222 unique CDR3
15 unique J



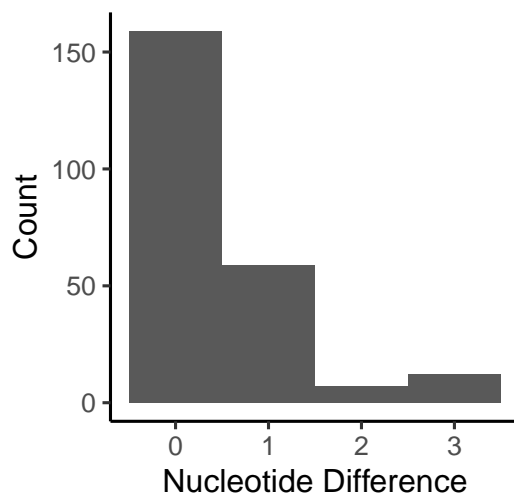
TRBV10–1*bp02

41 sequences assigned
20 (48.8%) exact matches, in which:
18 unique CDR3
7 unique J



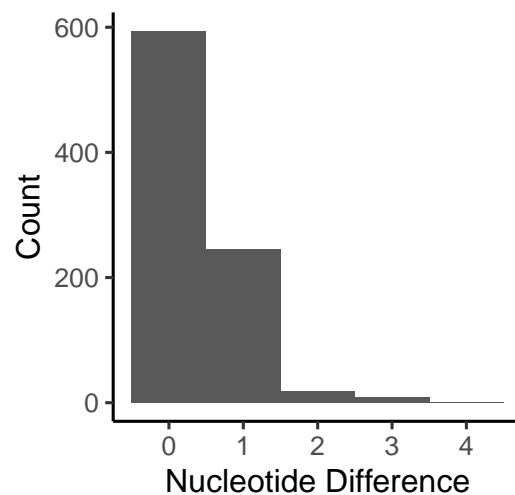
TRBV13*bp01

237 sequences assigned
159 (67.1%) exact matches, in which:
122 unique CDR3
12 unique J



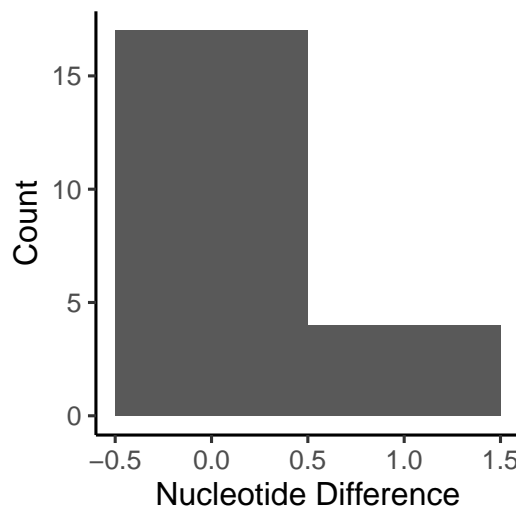
TRBV18*bp01

867 sequences assigned
594 (68.5%) exact matches, in which:
377 unique CDR3
15 unique J



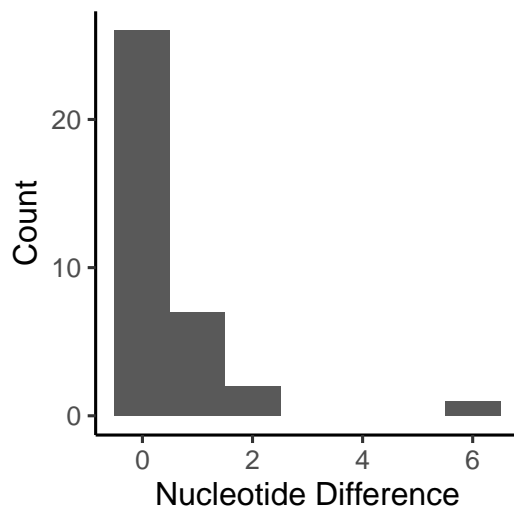
TRBV10–2*bp02

21 sequences assigned
17 (81%) exact matches, in which:
14 unique CDR3
8 unique J



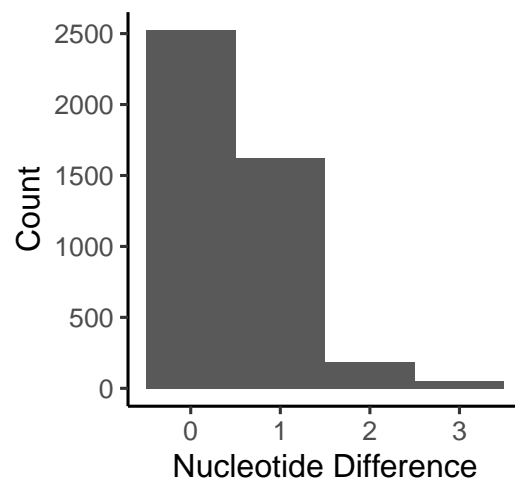
TRBV14*bp01

36 sequences assigned
26 (72.2%) exact matches, in which:
23 unique CDR3
9 unique J



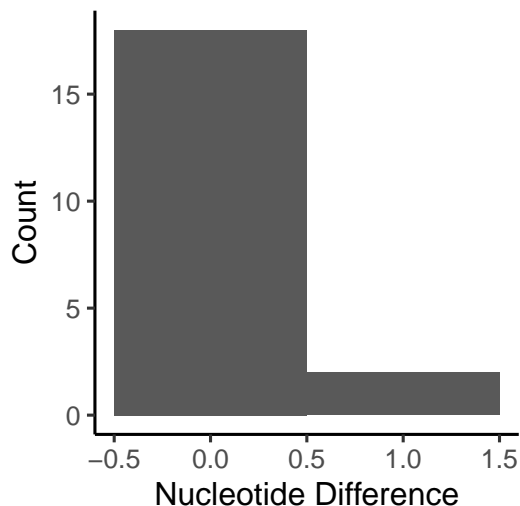
TRBV19*bp01

4383 sequences assigned
2525 (57.6%) exact matches, in which:
1574 unique CDR3
15 unique J



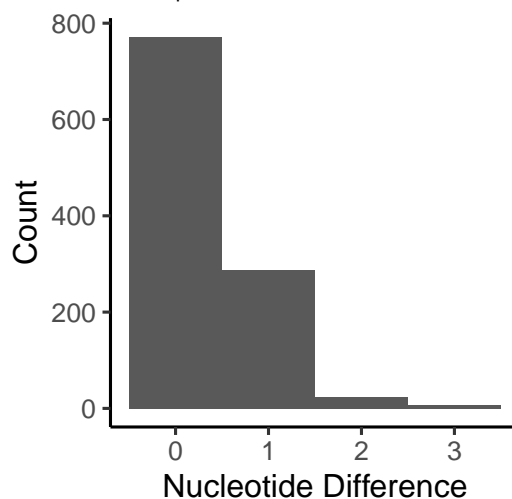
TRBV2*bp01

20 sequences assigned
18 (90%) exact matches, in which:
18 unique CDR3
9 unique J



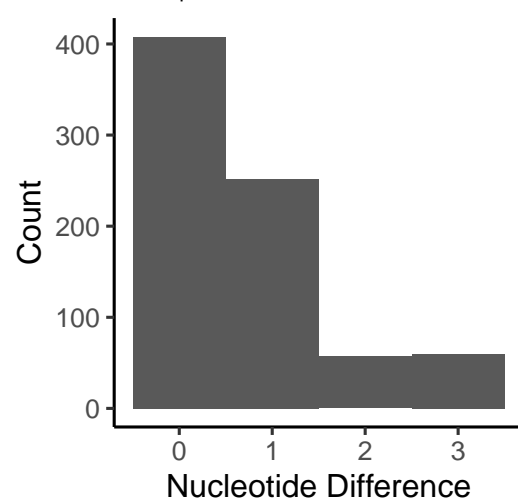
TRBV30*bp01

1090 sequences assigned
772 (70.8%) exact matches, in which:
404 unique CDR3
14 unique J



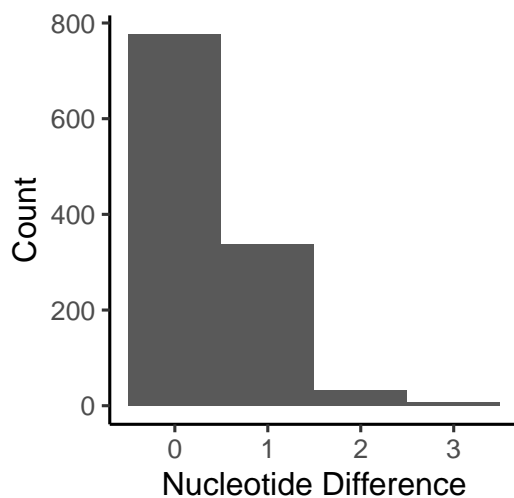
TRBV11-1*bp01

777 sequences assigned
408 (52.5%) exact matches, in which:
287 unique CDR3
15 unique J



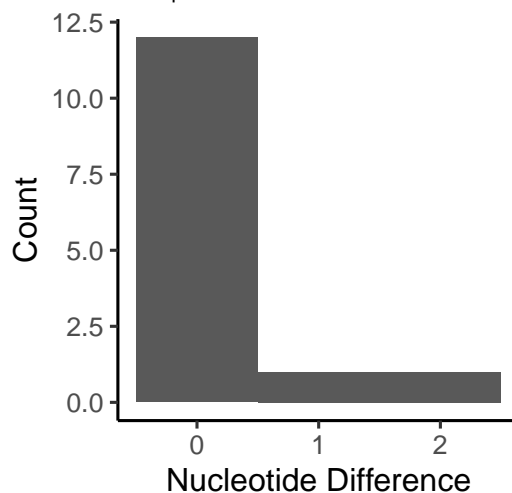
TRBV27*bp01

1154 sequences assigned
777 (67.3%) exact matches, in which:
582 unique CDR3
15 unique J



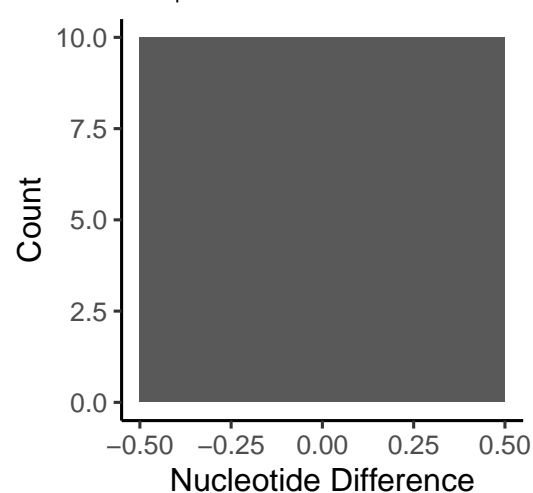
TRBV9*bp01

14 sequences assigned
12 (85.7%) exact matches, in which:
9 unique CDR3
5 unique J



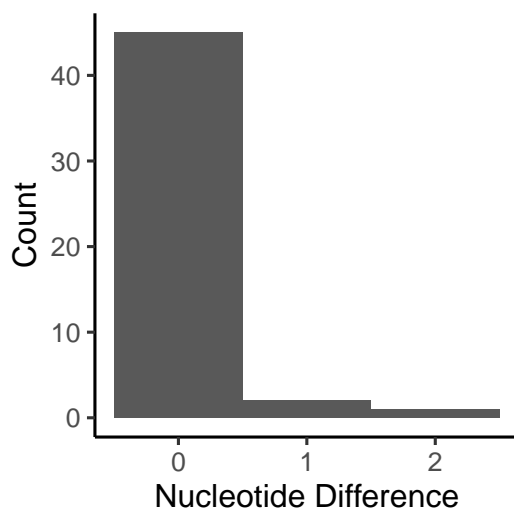
TRBV21-1*bp01

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



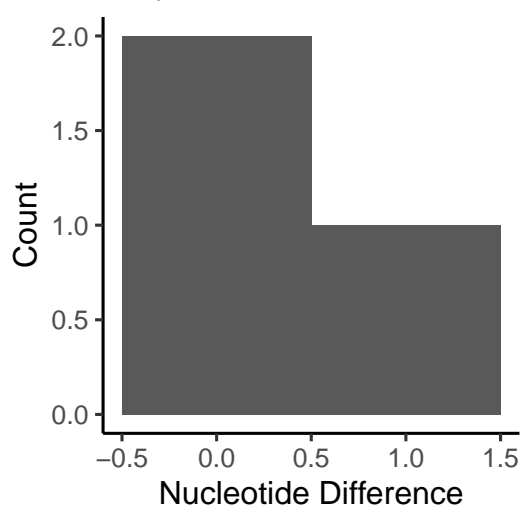
TRBV28*bp01

48 sequences assigned
45 (93.8%) exact matches, in which:
42 unique CDR3
14 unique J



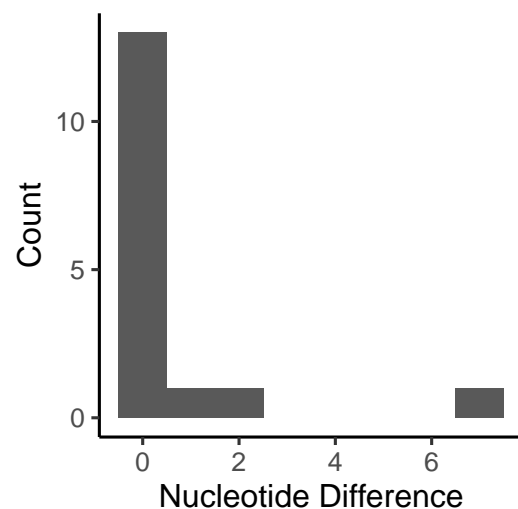
TRBV9*bp02

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



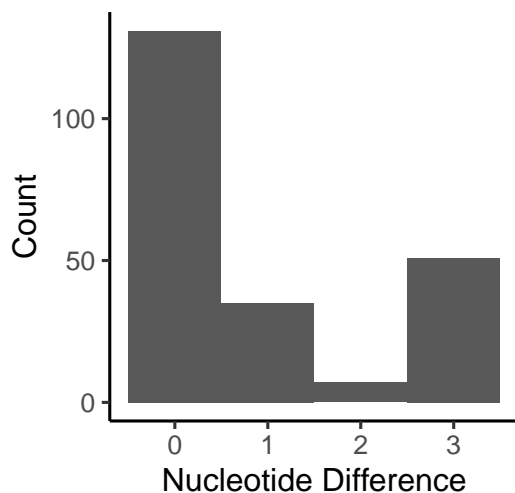
TRBV21-1*bp02

16 sequences assigned
13 (81.2%) exact matches, in which:
12 unique CDR3
8 unique J



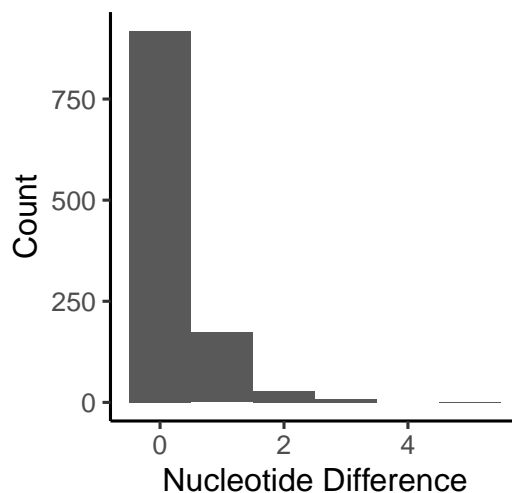
TRBV11–2*bp01

224 sequences assigned
131 (58.5%) exact matches, in which:
114 unique CDR3
14 unique J



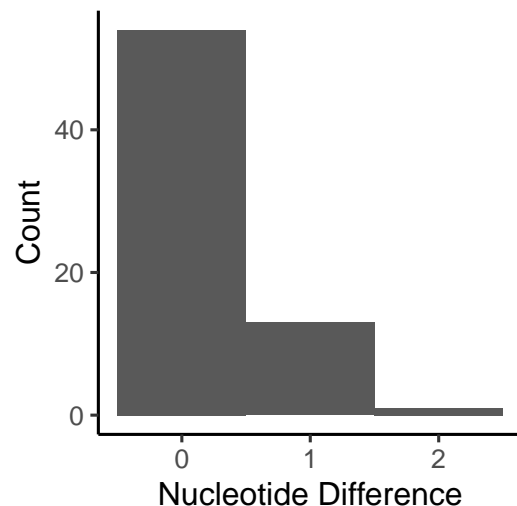
TRBV12–34*bp01

1130 sequences assigned
919 (81.3%) exact matches, in which:
525 unique CDR3
15 unique J



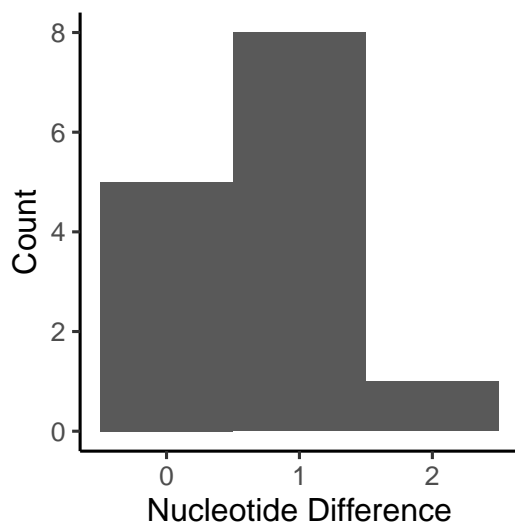
TRBV24–1*bp02

68 sequences assigned
54 (79.4%) exact matches, in which:
46 unique CDR3
11 unique J



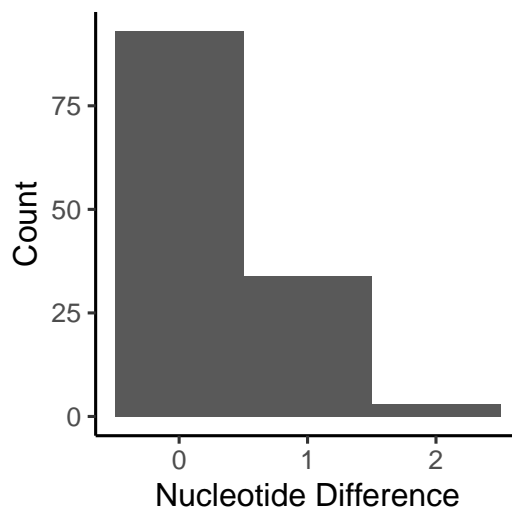
TRBV11–3*bp01

14 sequences assigned
5 (35.7%) exact matches, in which:
5 unique CDR3
5 unique J



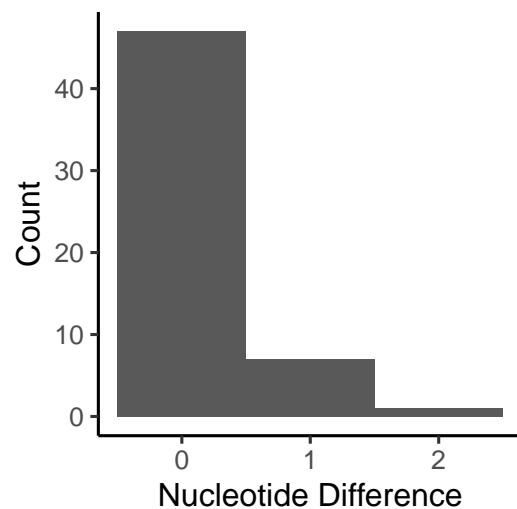
TRBV24–1*bp01

130 sequences assigned
93 (71.5%) exact matches, in which:
78 unique CDR3
12 unique J



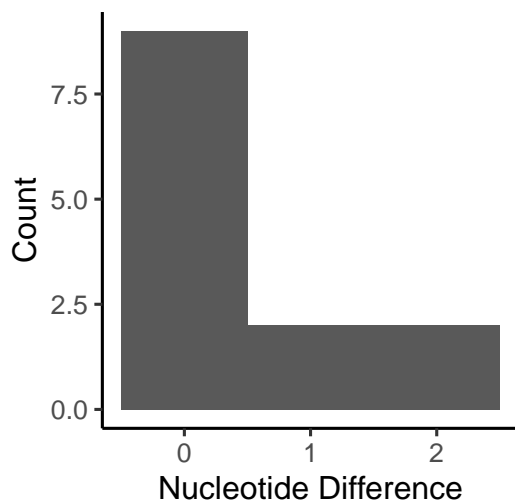
TRBV4–2*bp01

55 sequences assigned
47 (85.5%) exact matches, in which:
44 unique CDR3
13 unique J



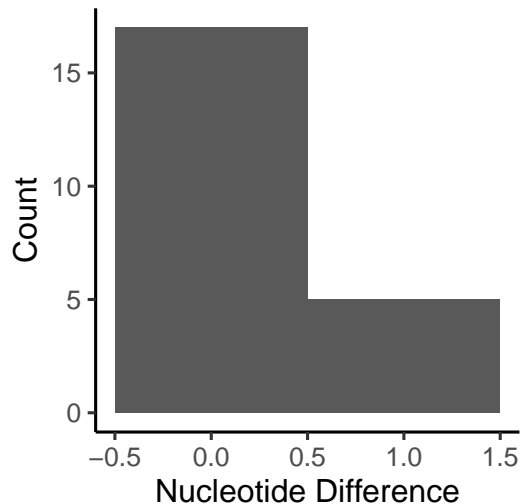
TRBV12–5*bp01

13 sequences assigned
9 (69.2%) exact matches, in which:
8 unique CDR3
6 unique J



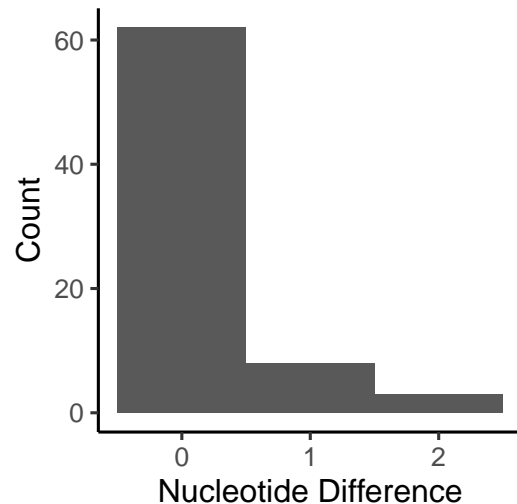
TRBV4–1*bp01

22 sequences assigned
17 (77.3%) exact matches, in which:
16 unique CDR3
11 unique J



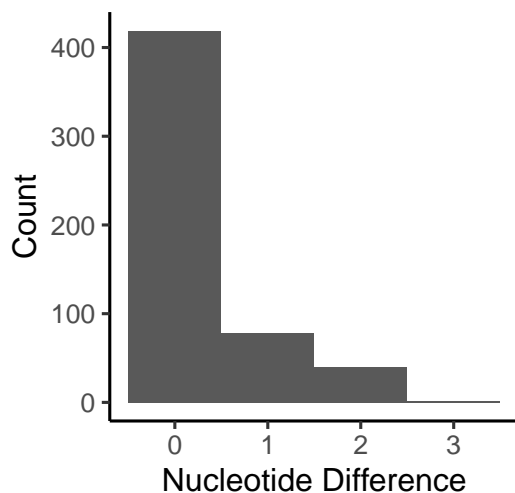
TRBV4–3*bp01

73 sequences assigned
62 (84.9%) exact matches, in which:
57 unique CDR3
12 unique J



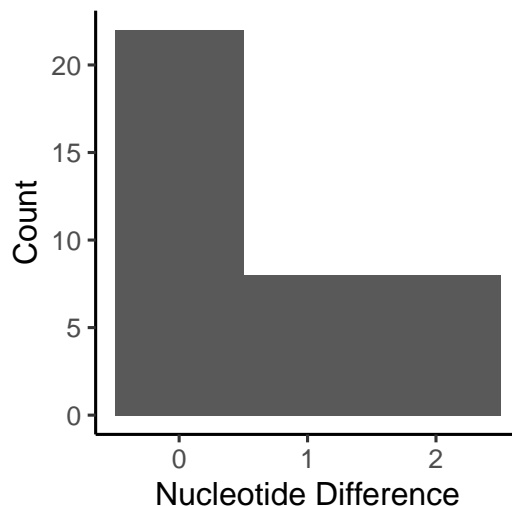
TRBV5-1*bp01

539 sequences assigned
419 (77.7%) exact matches, in which:
331 unique CDR3
15 unique J



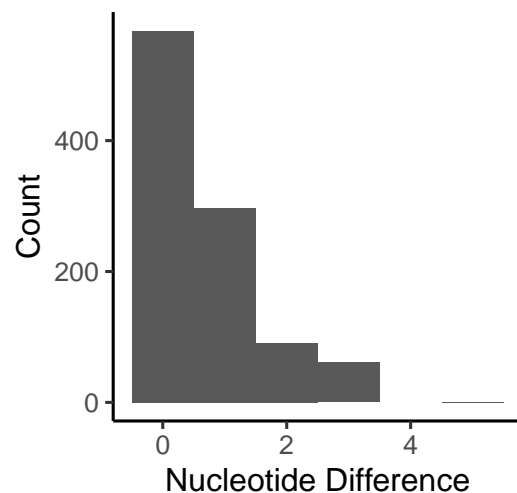
TRBV5-3*bp02

38 sequences assigned
22 (57.9%) exact matches, in which:
13 unique CDR3
5 unique J



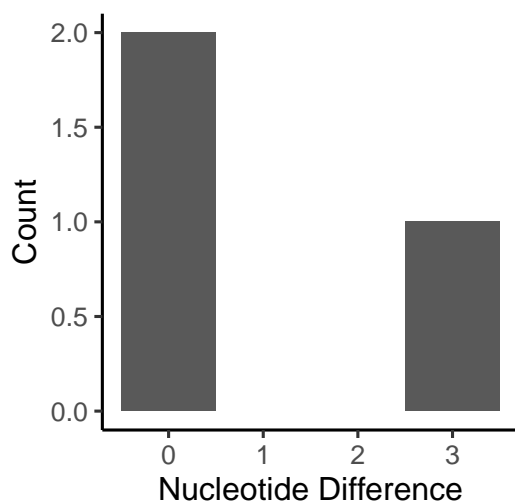
TRBV5-6*bp01

1018 sequences assigned
568 (55.8%) exact matches, in which:
391 unique CDR3
15 unique J



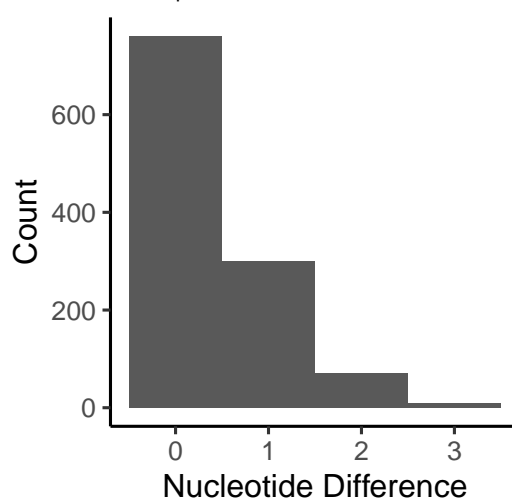
TRBV25-1*bp01

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



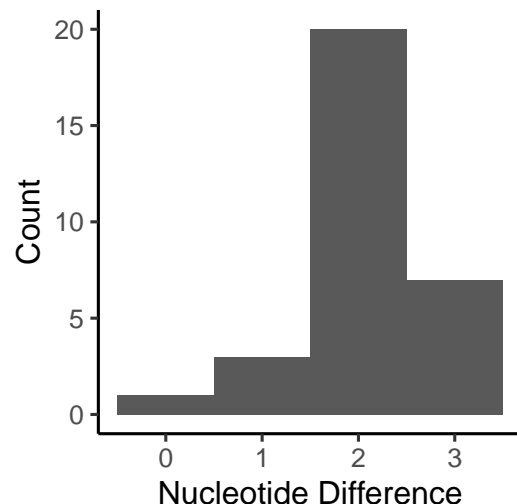
TRBV5-4*bp01

1140 sequences assigned
761 (66.8%) exact matches, in which:
506 unique CDR3
15 unique J



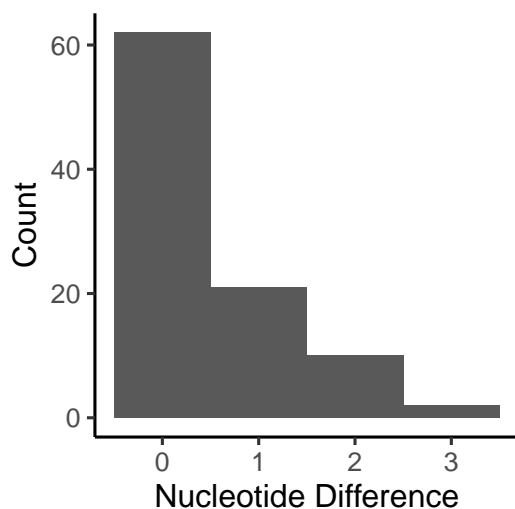
TRBV5-7*bp01

31 sequences assigned
1 (3.2%) exact matches, in which:
1 unique CDR3
1 unique J



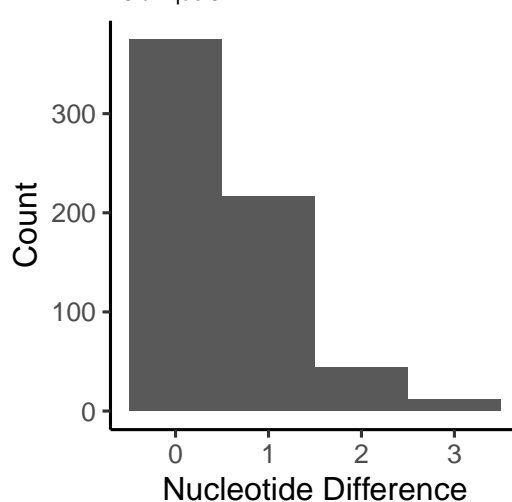
TRBV5-3*bp01

95 sequences assigned
62 (65.3%) exact matches, in which:
41 unique CDR3
13 unique J



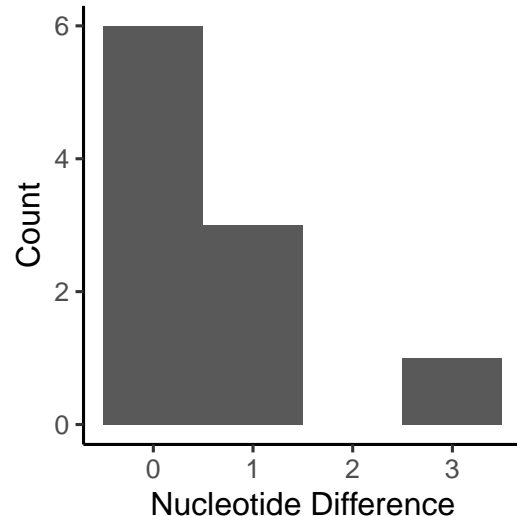
TRBV5-5*bp01

647 sequences assigned
375 (58%) exact matches, in which:
250 unique CDR3
15 unique J



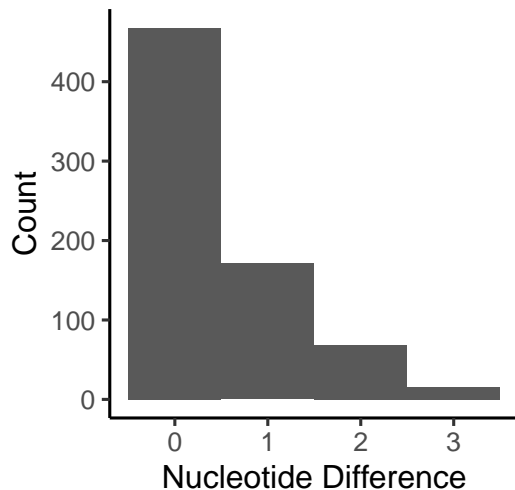
TRBV5-8*bp01

10 sequences assigned
6 (60%) exact matches, in which:
5 unique CDR3
5 unique J



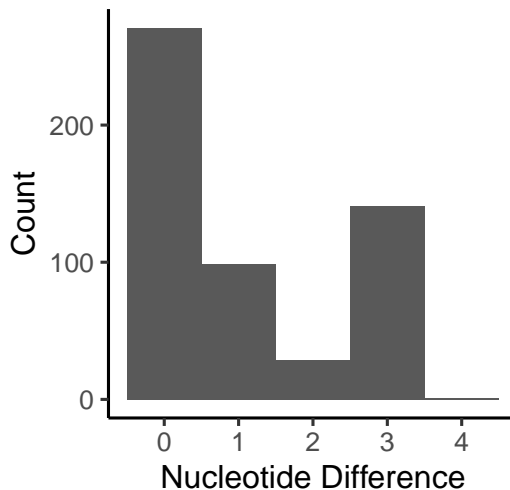
TRBV6-1*bp01

724 sequences assigned
468 (64.6%) exact matches, in which:
384 unique CDR3
15 unique J



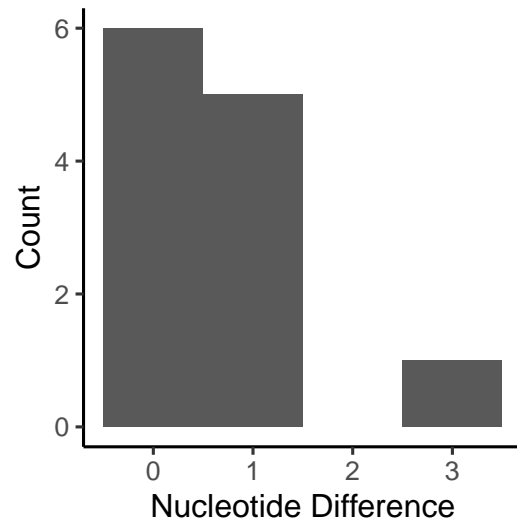
TRBV6-6*bp02

541 sequences assigned
271 (50.1%) exact matches, in which:
231 unique CDR3
15 unique J



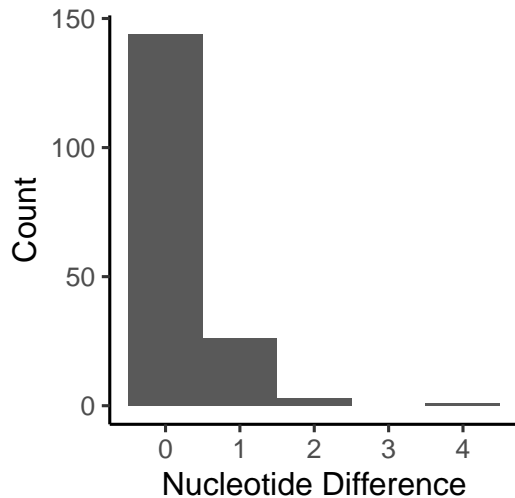
TRBV6-9*bp01

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



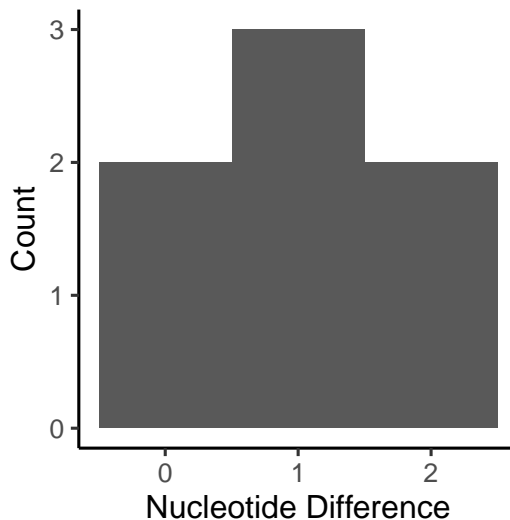
TRBV6-4*bp01

174 sequences assigned
144 (82.8%) exact matches, in which:
115 unique CDR3
15 unique J



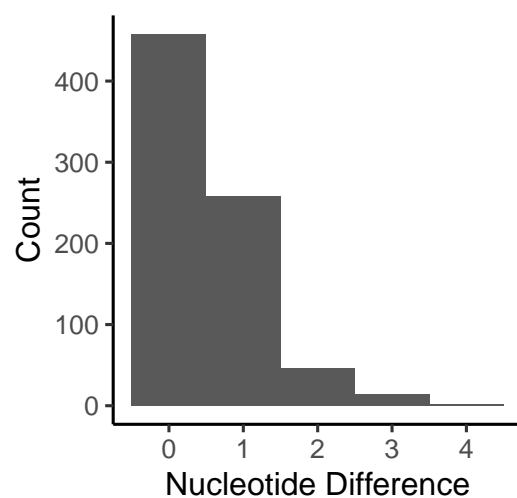
TRBV6-7*bp01

7 sequences assigned
2 (28.6%) exact matches, in which:
2 unique CDR3
1 unique J



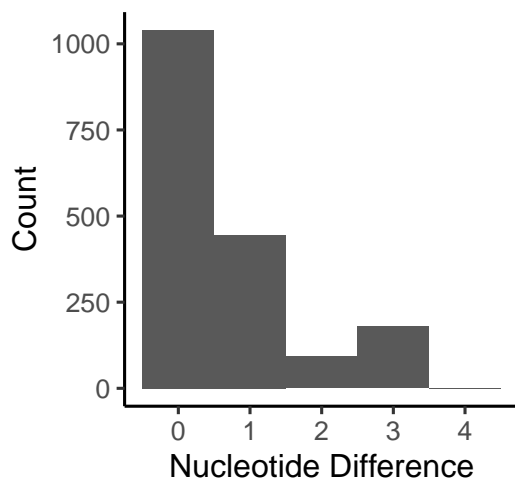
TRBV6-23*bp01

778 sequences assigned
458 (58.9%) exact matches, in which:
381 unique CDR3
15 unique J



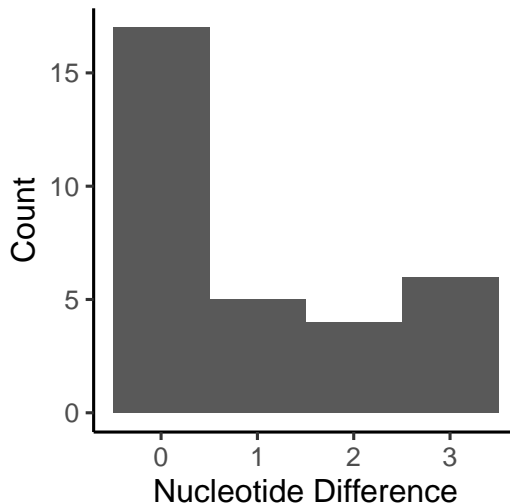
TRBV6-5*bp01

1759 sequences assigned
1040 (59.1%) exact matches, in which:
838 unique CDR3
15 unique J



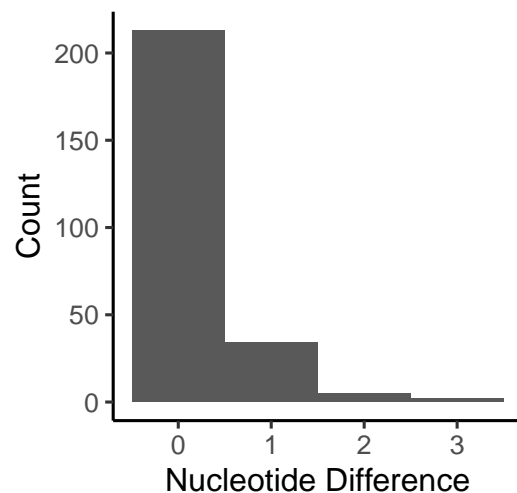
TRBV6-8*bp01

32 sequences assigned
17 (53.1%) exact matches, in which:
10 unique CDR3
6 unique J



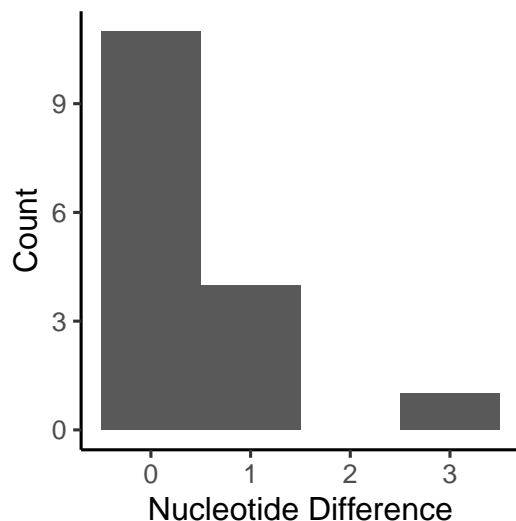
TRBV7-2*bp01

254 sequences assigned
213 (83.9%) exact matches, in which:
180 unique CDR3
15 unique J



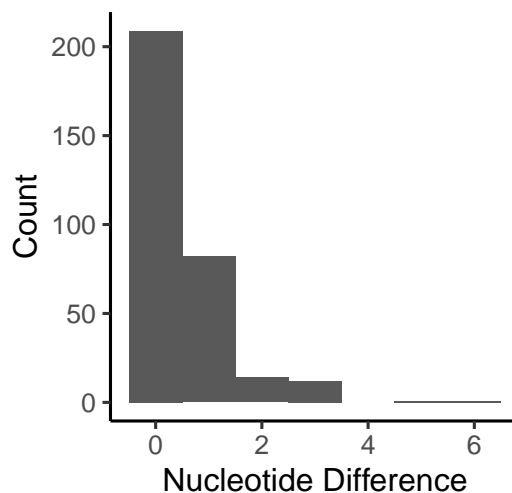
TRBV7-3*bp01

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



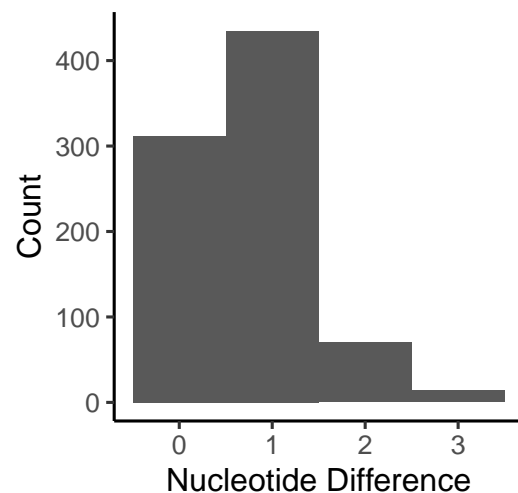
TRBV7-6*bp01

319 sequences assigned
209 (65.5%) exact matches, in which:
137 unique CDR3
14 unique J



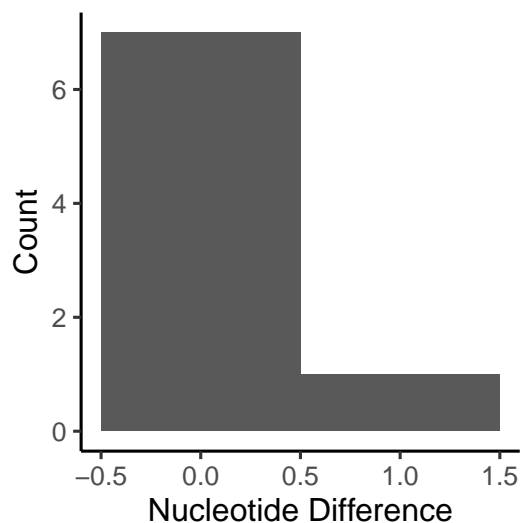
TRBV29-1*bp03

831 sequences assigned
312 (37.5%) exact matches, in which:
181 unique CDR3
11 unique J



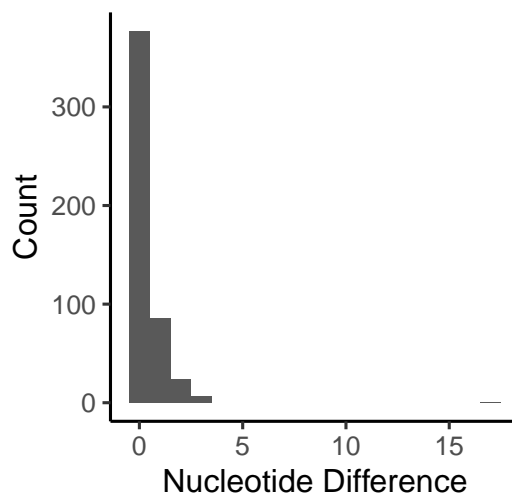
TRBV7-3*bp03

8 sequences assigned
7 (87.5%) exact matches, in which:
5 unique CDR3
4 unique J



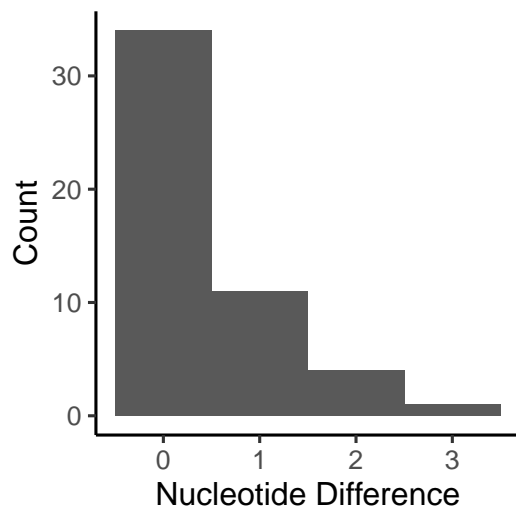
TRBV7-9*bp01

495 sequences assigned
377 (76.2%) exact matches, in which:
294 unique CDR3
15 unique J



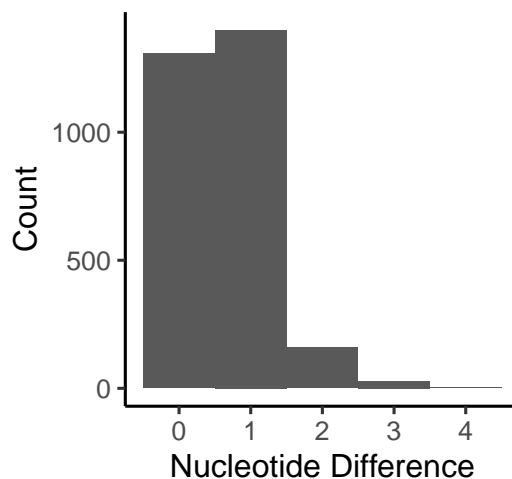
TRBV7-4*bp01

50 sequences assigned
34 (68%) exact matches, in which:
23 unique CDR3
11 unique J

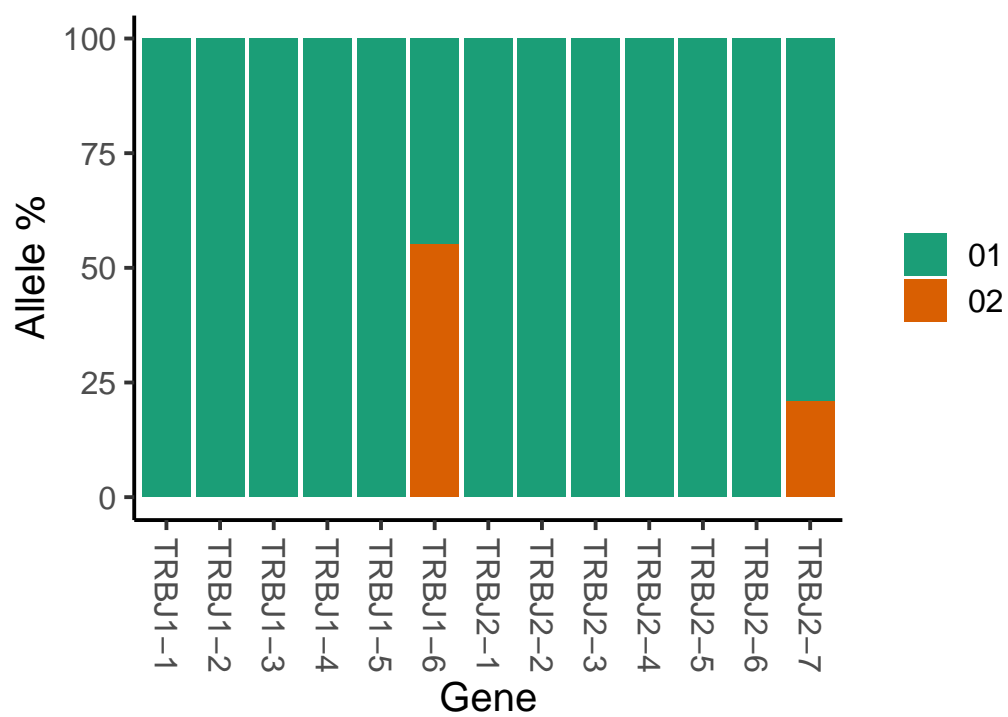


TRBV29-1*bp01

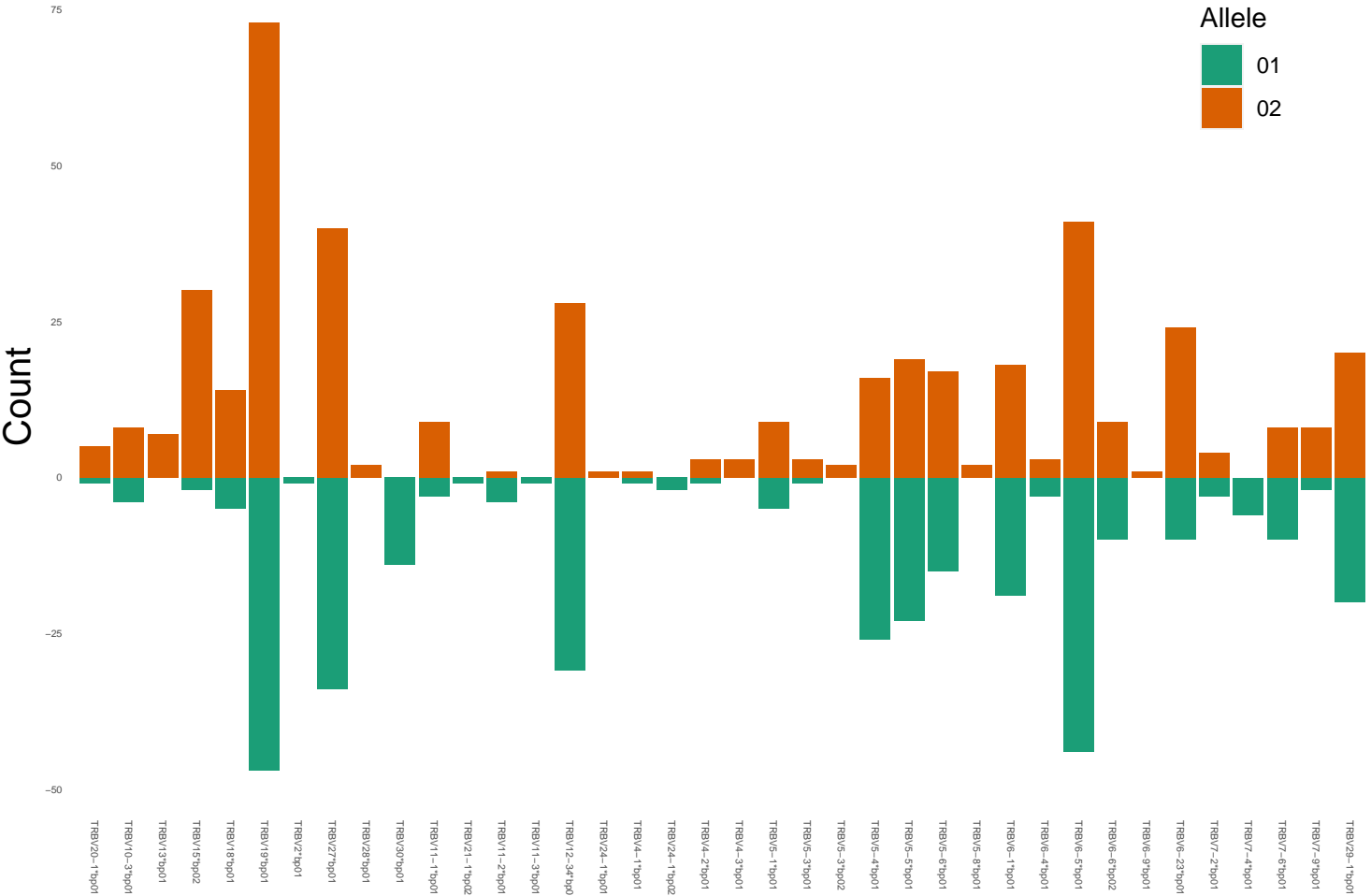
2897 sequences assigned
1307 (45.1%) exact matches, in which:
832 unique CDR3
15 unique J



Allele Usage



Sequence Count by TRBJ1–6 allele usage



[illegible]