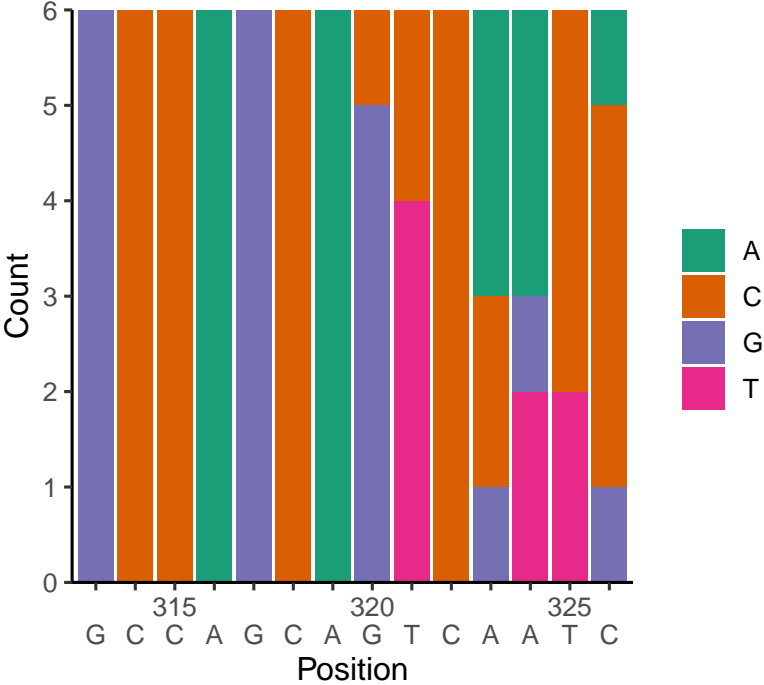


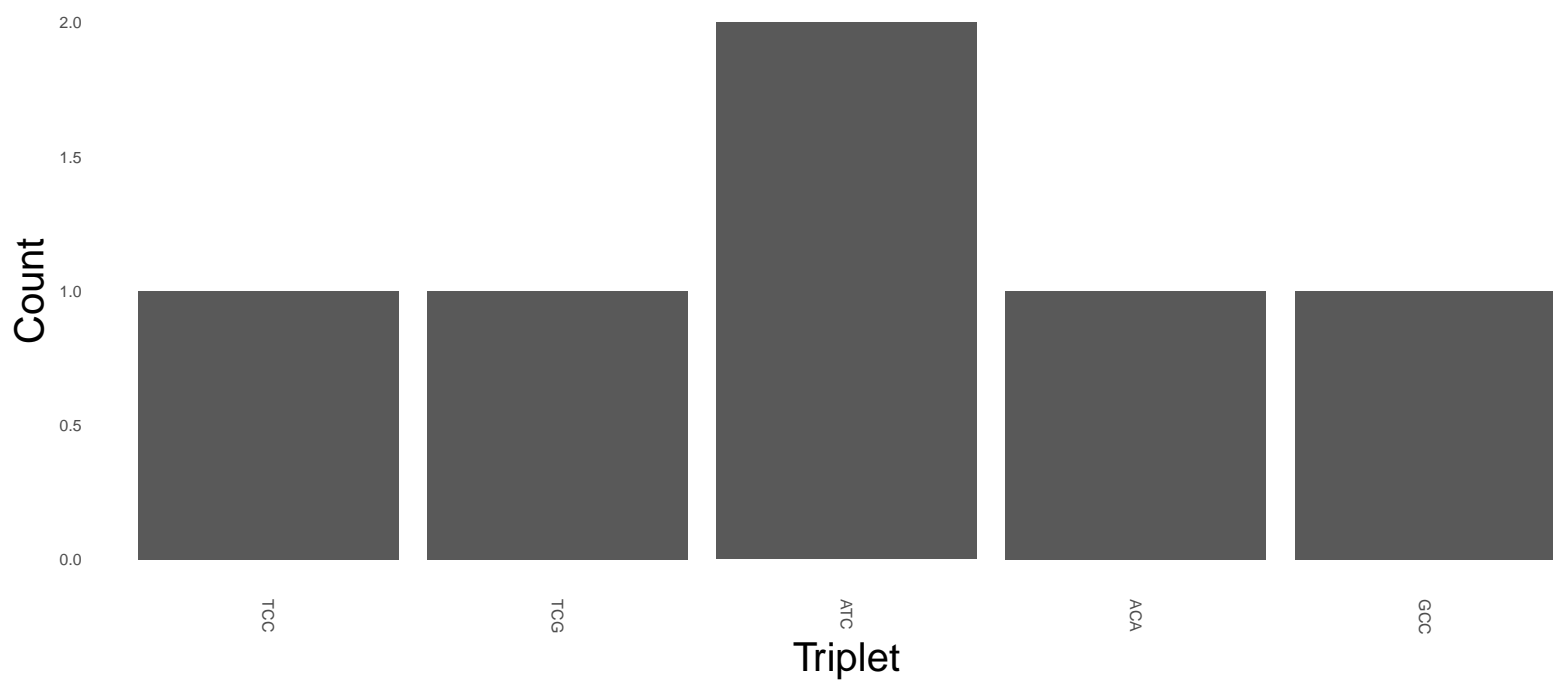
Gene TRBV23-1*bp01_T304C



Gene TRBV23-1*bp01_T304C

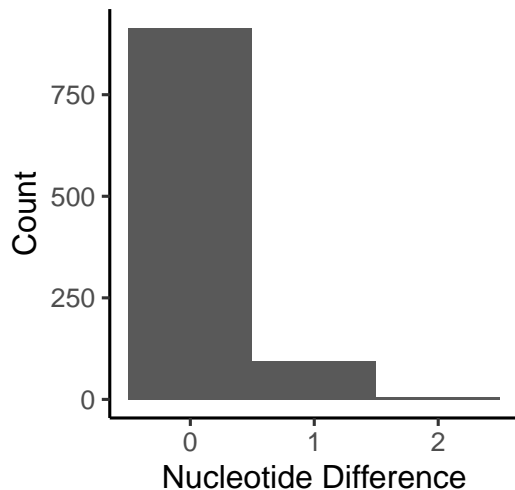


TRBV23-1*bp01_T304C- Final 3 nucleotides as a triplet



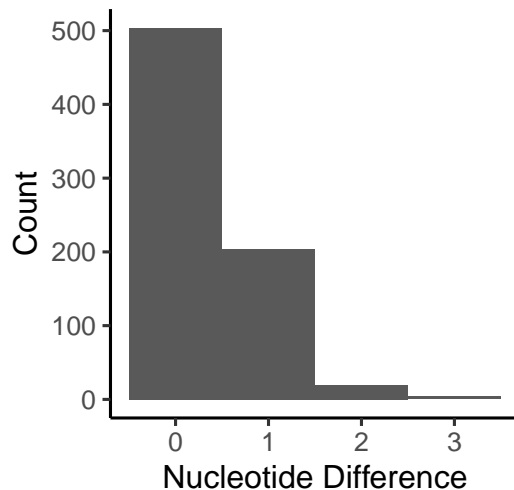
TRBV20–1*bp01

1015 sequences assigned
915 (90.1%) exact matches, in which:
603 unique CDR3
14 unique J



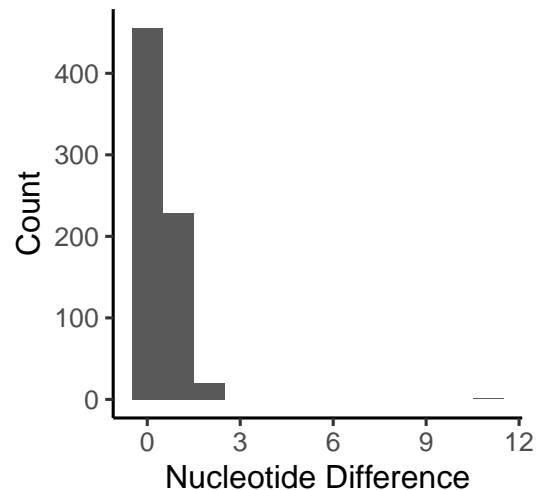
TRBV10–3*bp01

731 sequences assigned
504 (68.9%) exact matches, in which:
359 unique CDR3
14 unique J



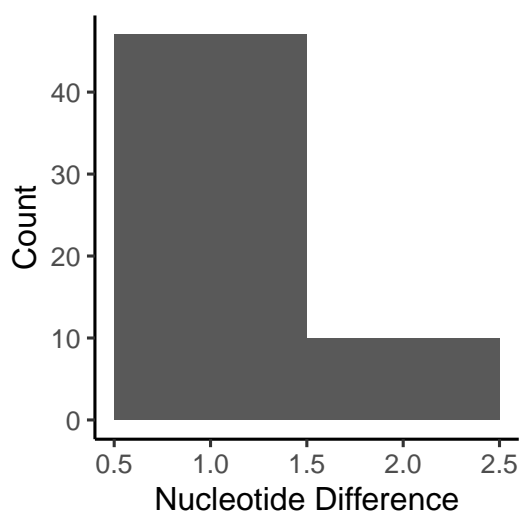
TRBV15*bp02

706 sequences assigned
456 (64.6%) exact matches, in which:
230 unique CDR3
14 unique J



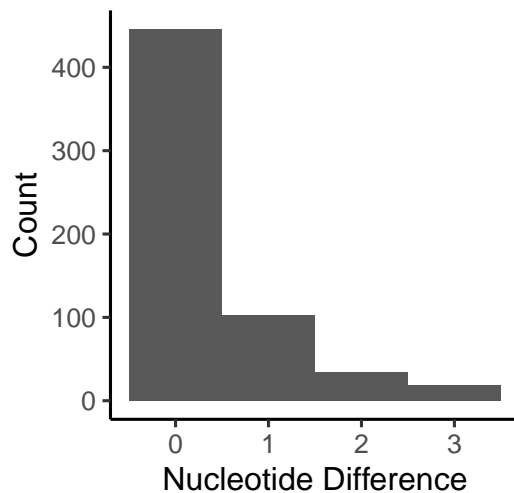
TRBV10–1*bp02

57 sequences assigned
No exact matches.



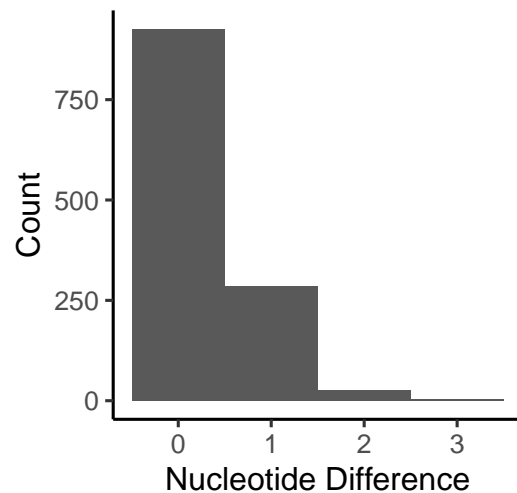
TRBV13*bp01

602 sequences assigned
446 (74.1%) exact matches, in which:
338 unique CDR3
14 unique J



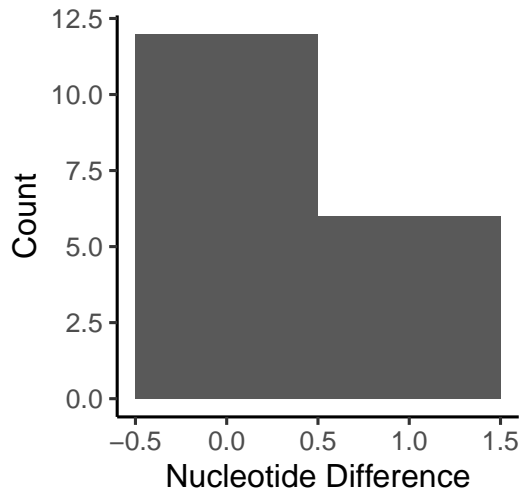
TRBV18*bp01

1242 sequences assigned
926 (74.6%) exact matches, in which:
403 unique CDR3
14 unique J



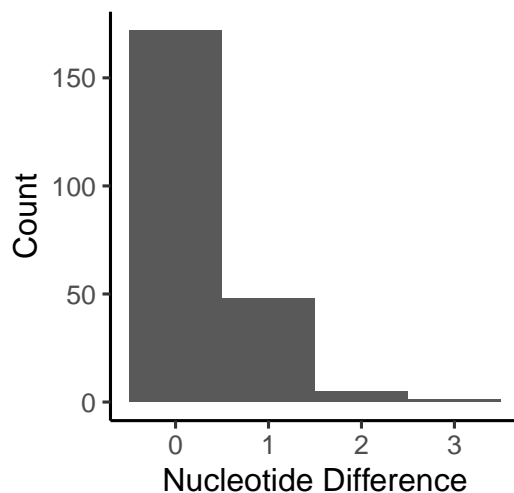
TRBV10–2*bp01

18 sequences assigned
12 (66.7%) exact matches, in which:
11 unique CDR3
5 unique J



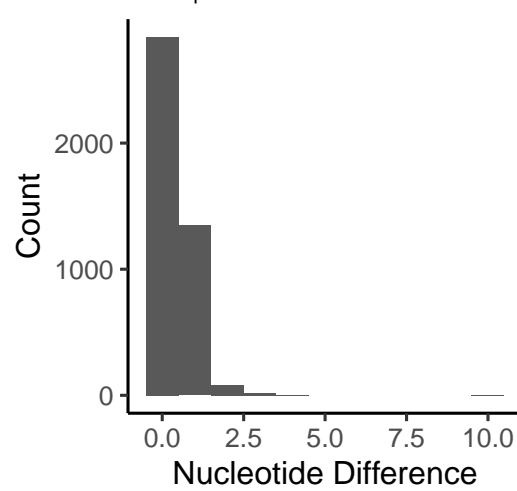
TRBV14*bp01

226 sequences assigned
172 (76.1%) exact matches, in which:
135 unique CDR3
14 unique J



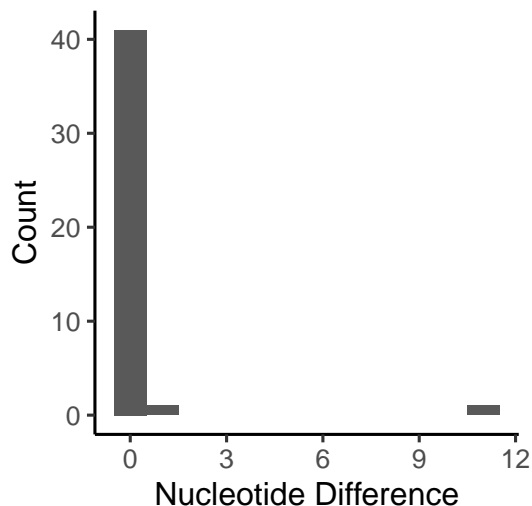
TRBV19*bp01

4291 sequences assigned
2841 (66.2%) exact matches, in which:
1554 unique CDR3
14 unique J



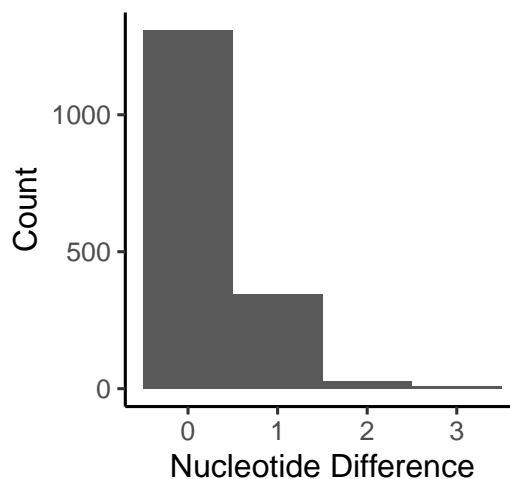
TRBV2*bp01

43 sequences assigned
41 (95.3%) exact matches, in which:
37 unique CDR3
12 unique J



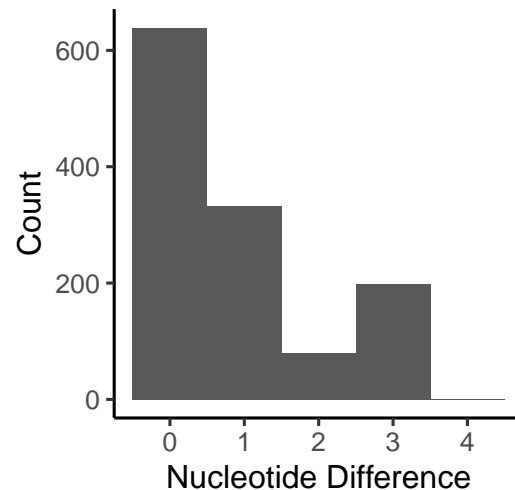
TRBV30*bp01

1688 sequences assigned
1308 (77.5%) exact matches, in which:
548 unique CDR3
14 unique J



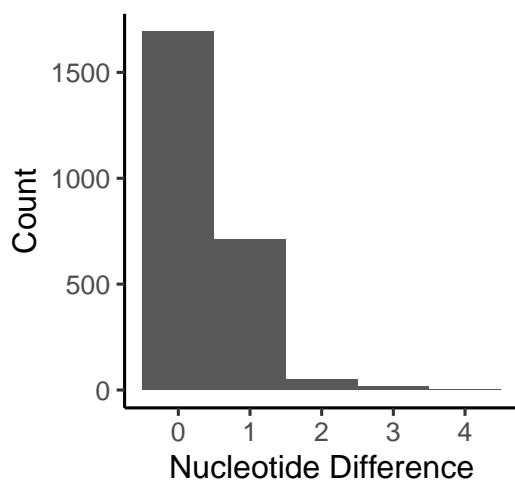
TRBV11-1*bp01

1252 sequences assigned
639 (51%) exact matches, in which:
459 unique CDR3
14 unique J



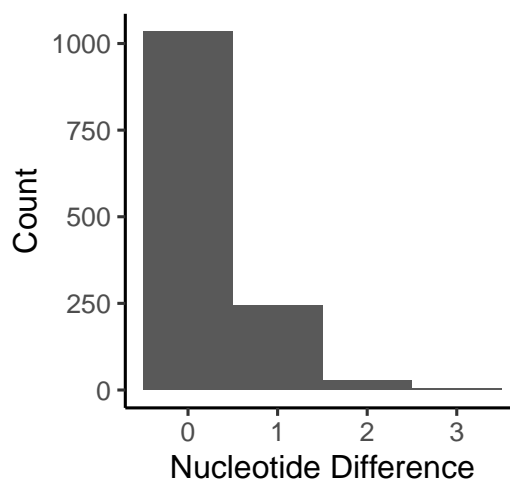
TRBV27*bp01

2471 sequences assigned
1692 (68.5%) exact matches, in which:
1320 unique CDR3
14 unique J



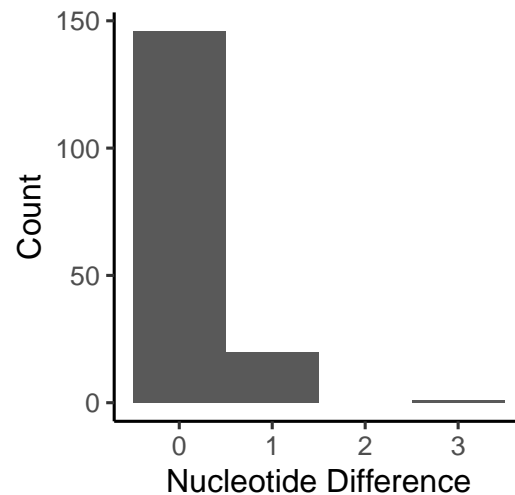
TRBV30*bp02

1311 sequences assigned
1034 (78.9%) exact matches, in which:
482 unique CDR3
14 unique J



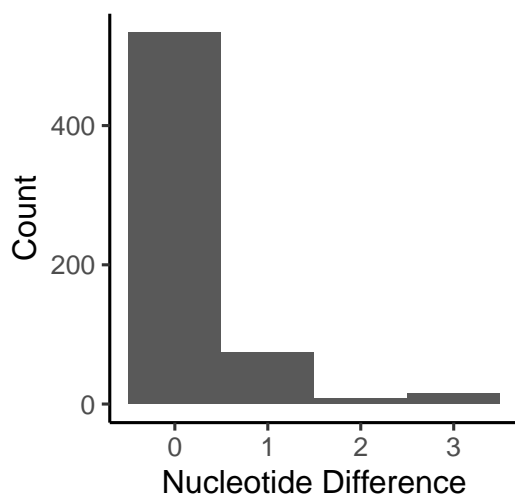
TRBV21-1*bp01

167 sequences assigned
146 (87.4%) exact matches, in which:
117 unique CDR3
14 unique J



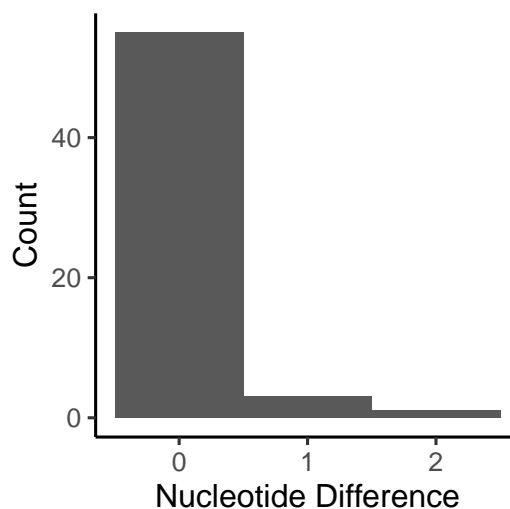
TRBV28*bp01

631 sequences assigned
534 (84.6%) exact matches, in which:
432 unique CDR3
14 unique J



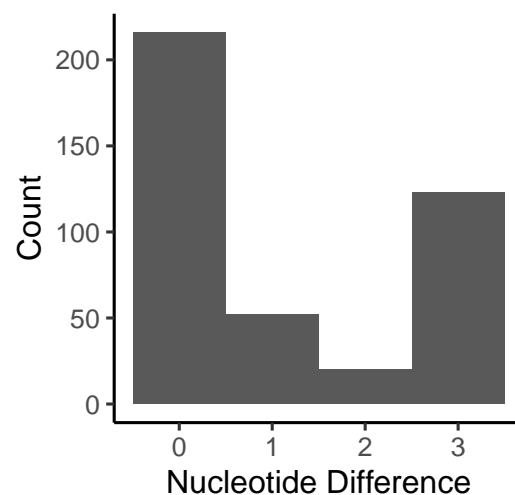
TRBV9*bp01

59 sequences assigned
55 (93.2%) exact matches, in which:
44 unique CDR3
14 unique J



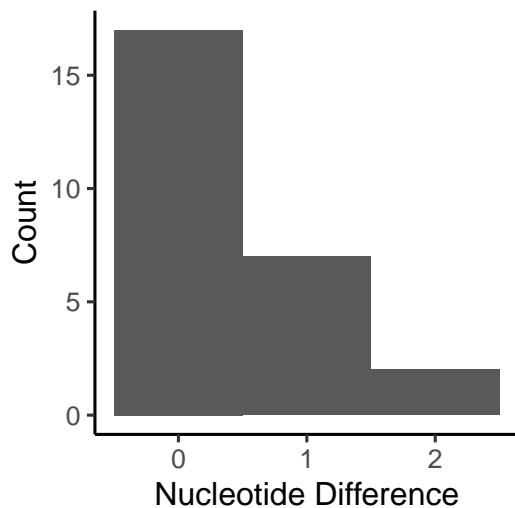
TRBV11-2*bp01

411 sequences assigned
216 (52.6%) exact matches, in which:
187 unique CDR3
14 unique J



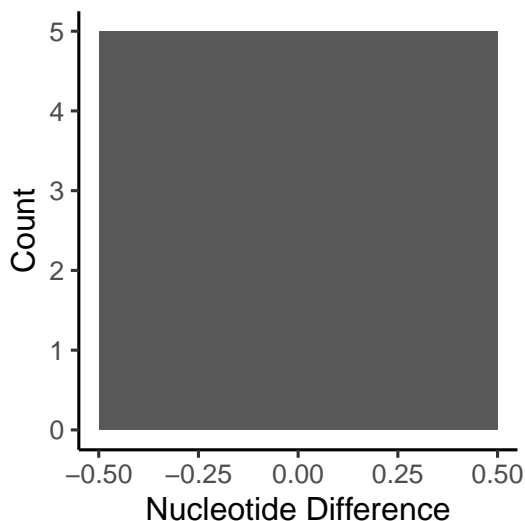
TRBV11–3*bp01

26 sequences assigned
17 (65.4%) exact matches, in which:
15 unique CDR3
7 unique J



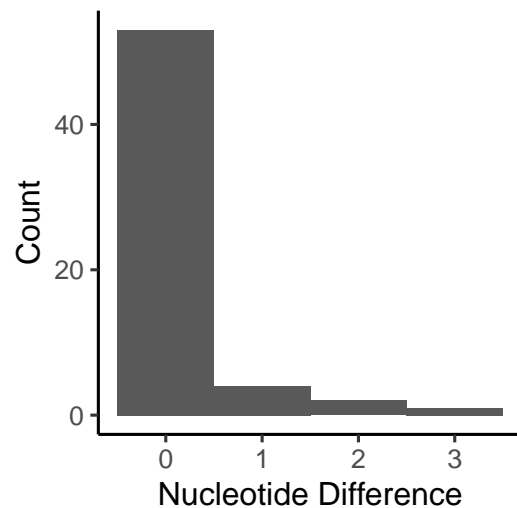
TRBV23–1*bp01

5 sequences assigned
5 (100%) exact matches, in which:
5 unique CDR3
4 unique J



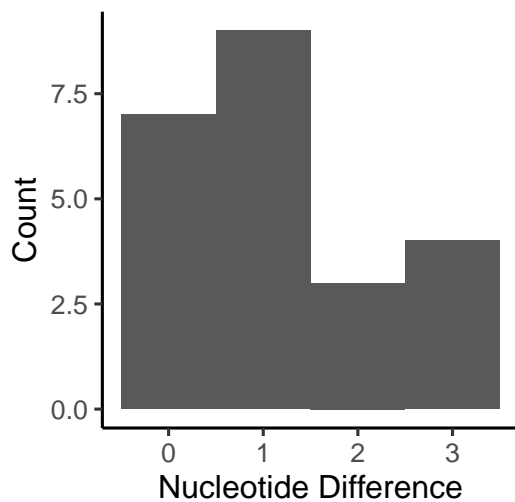
TRBV4–1*bp01

60 sequences assigned
53 (88.3%) exact matches, in which:
51 unique CDR3
12 unique J



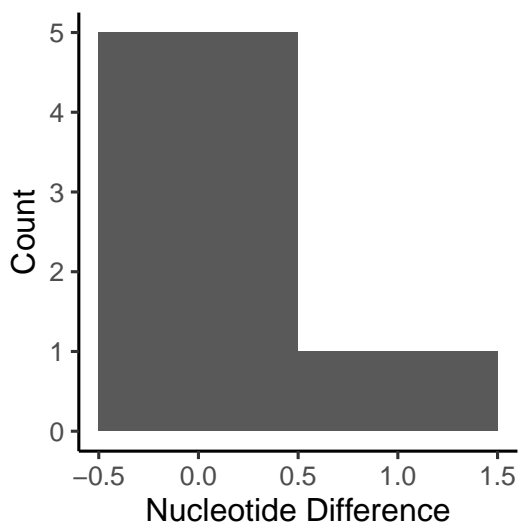
TRBV12–5*bp01

23 sequences assigned
7 (30.4%) exact matches, in which:
6 unique CDR3
4 unique J



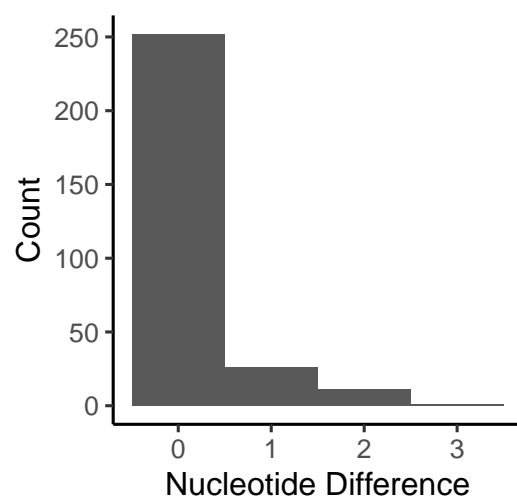
TRBV23–1*bp01_T304C

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



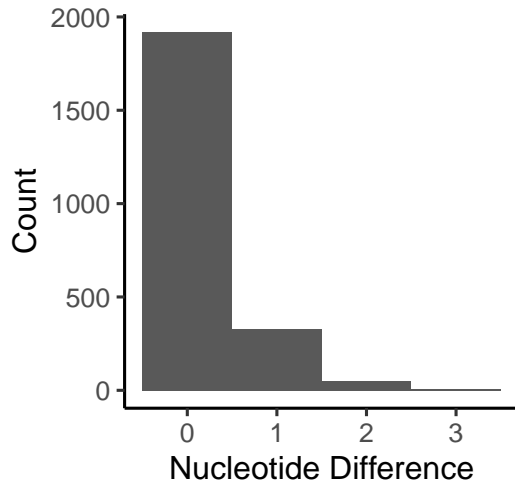
TRBV4–2*bp01

290 sequences assigned
252 (86.9%) exact matches, in which:
215 unique CDR3
12 unique J



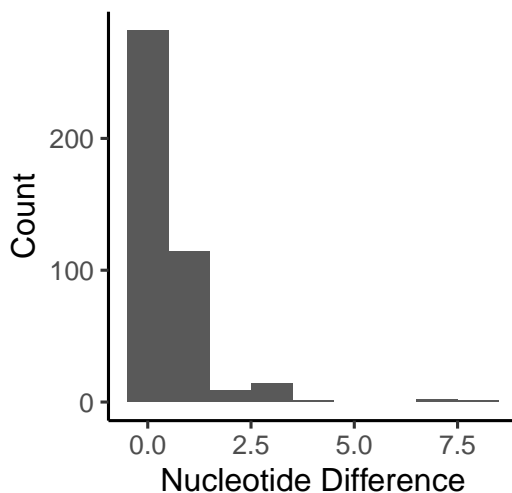
TRBV12–34*bp01

2306 sequences assigned
1919 (83.2%) exact matches, in which:
1004 unique CDR3
14 unique J



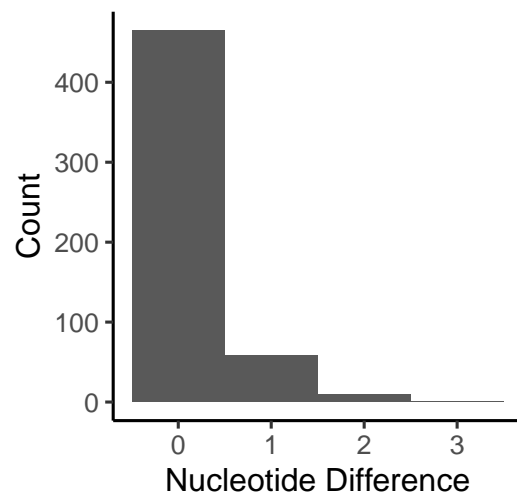
TRBV24–1*bp01

423 sequences assigned
282 (66.7%) exact matches, in which:
200 unique CDR3
14 unique J



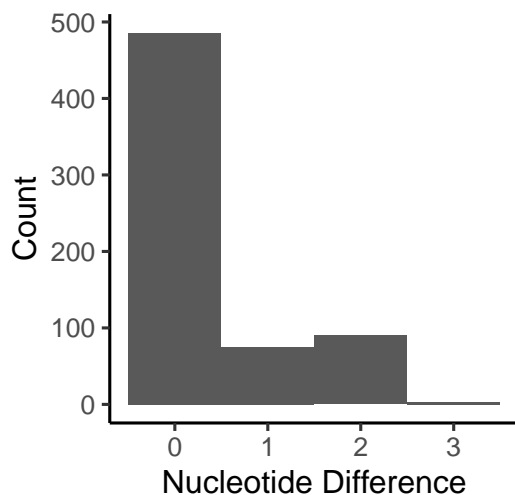
TRBV4–3*bp01

533 sequences assigned
465 (87.2%) exact matches, in which:
361 unique CDR3
14 unique J



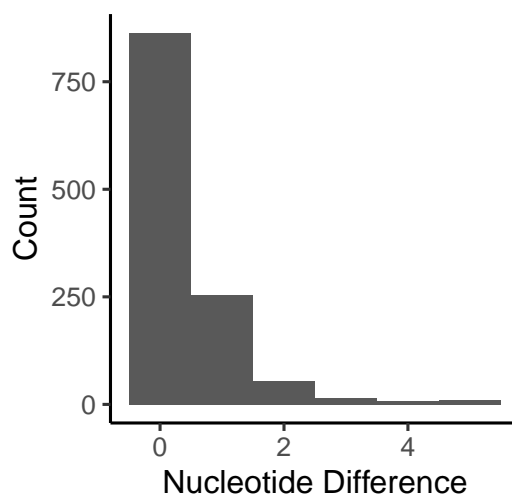
TRBV5-1*bp01

654 sequences assigned
486 (74.3%) exact matches, in which:
330 unique CDR3
14 unique J



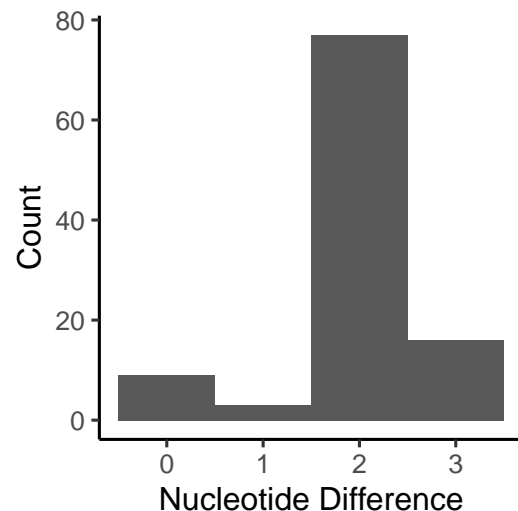
TRBV5-4*bp01

1206 sequences assigned
864 (71.6%) exact matches, in which:
523 unique CDR3
14 unique J



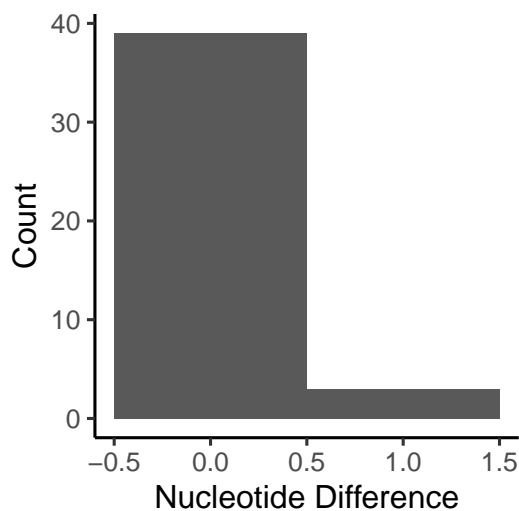
TRBV5-7*bp01

105 sequences assigned
9 (8.6%) exact matches, in which:
6 unique CDR3
4 unique J



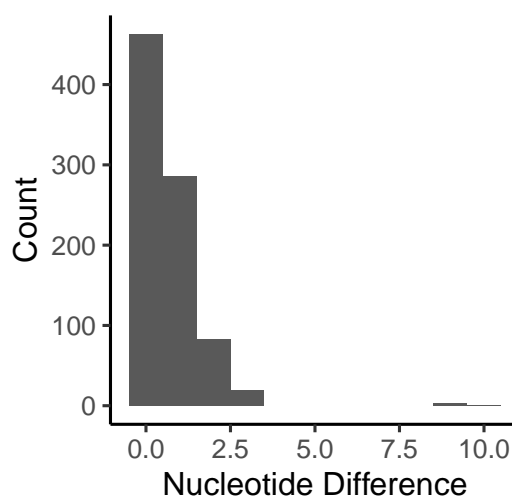
TRBV25-1*bp01

42 sequences assigned
39 (92.9%) exact matches, in which:
34 unique CDR3
13 unique J



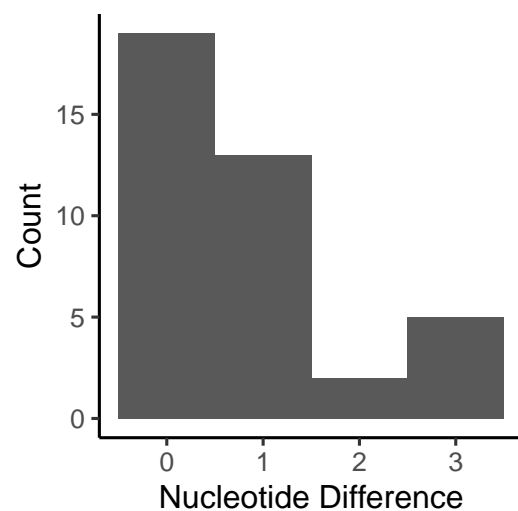
TRBV5-5*bp01

855 sequences assigned
463 (54.2%) exact matches, in which:
308 unique CDR3
14 unique J



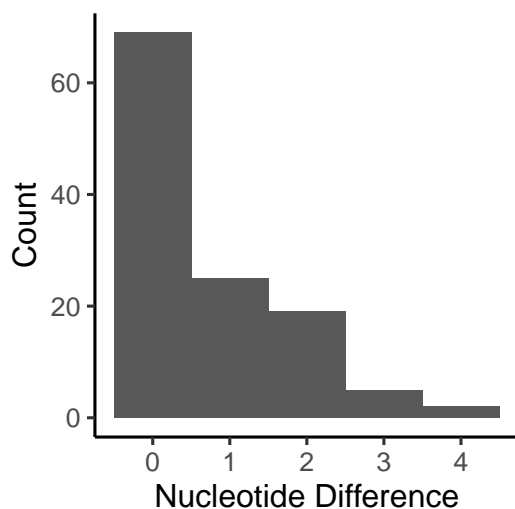
TRBV5-8*bp01

39 sequences assigned
19 (48.7%) exact matches, in which:
18 unique CDR3
8 unique J



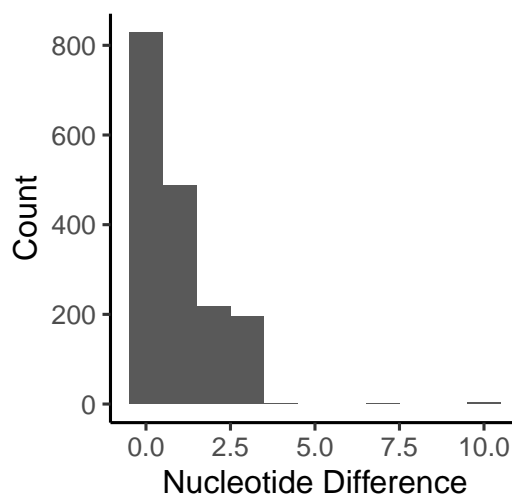
TRBV5-3*bp01

120 sequences assigned
69 (57.5%) exact matches, in which:
52 unique CDR3
13 unique J



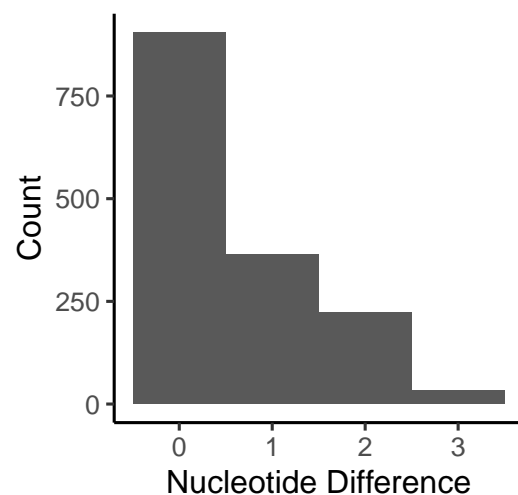
TRBV5-6*bp01

1735 sequences assigned
829 (47.8%) exact matches, in which:
524 unique CDR3
14 unique J



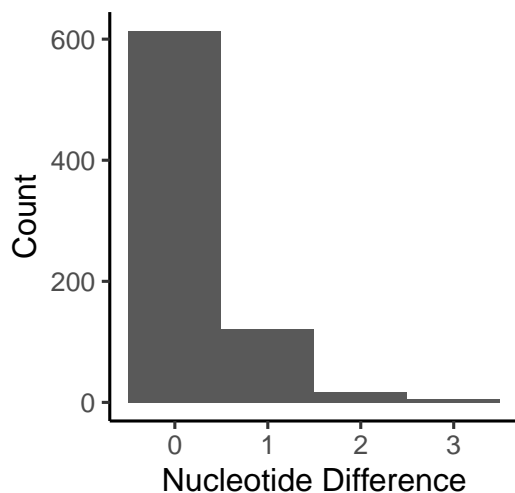
TRBV6-1*bp01

1525 sequences assigned
905 (59.3%) exact matches, in which:
730 unique CDR3
14 unique J



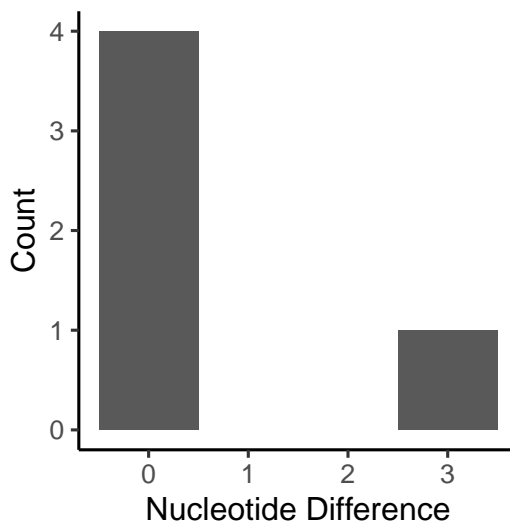
TRBV6-4*bp01

758 sequences assigned
614 (81%) exact matches, in which:
453 unique CDR3
14 unique J



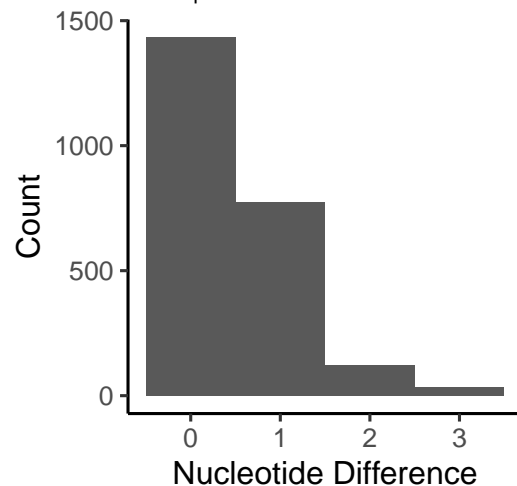
TRBV6-7*bp01

5 sequences assigned
4 (80%) exact matches, in which:
3 unique CDR3
3 unique J



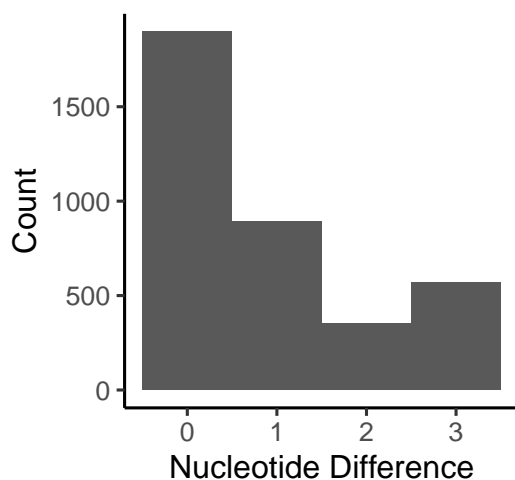
TRBV6-23*bp01

2366 sequences assigned
1433 (60.6%) exact matches, in which:
1095 unique CDR3
14 unique J



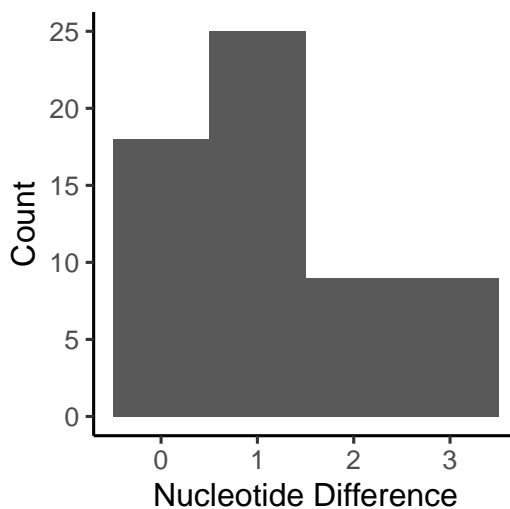
TRBV6-5*bp01

3709 sequences assigned
1897 (51.1%) exact matches, in which:
1463 unique CDR3
14 unique J



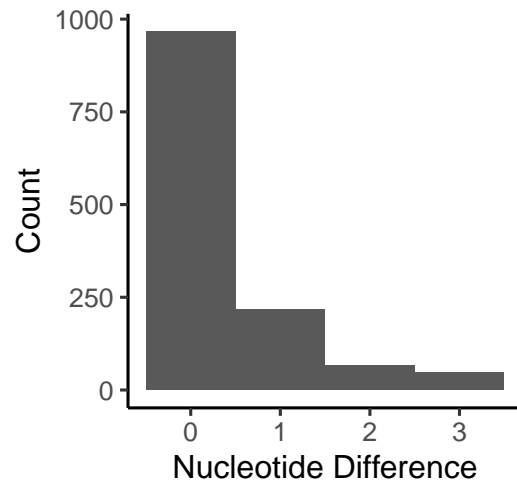
TRBV6-8*bp01

61 sequences assigned
18 (29.5%) exact matches, in which:
14 unique CDR3
8 unique J



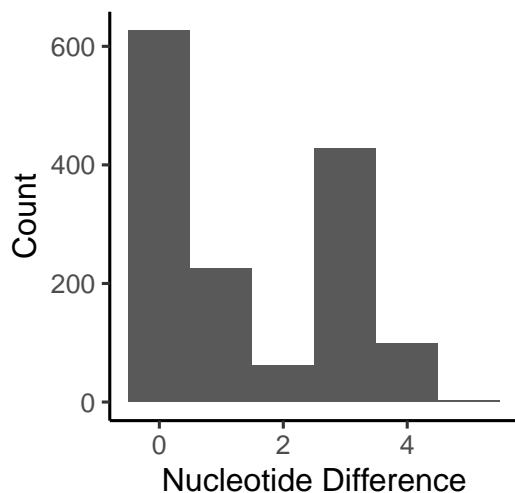
TRBV7-2*bp01

1298 sequences assigned
966 (74.4%) exact matches, in which:
674 unique CDR3
14 unique J



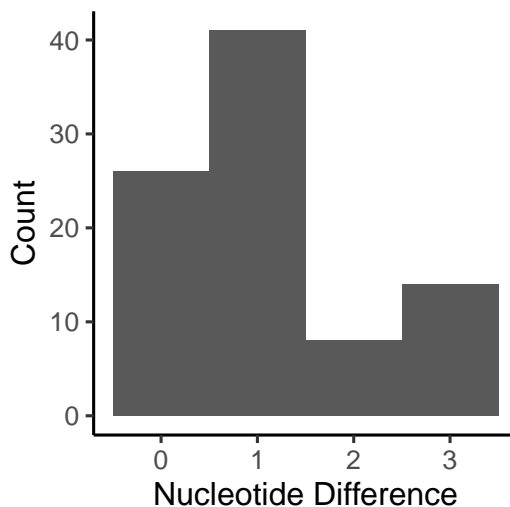
TRBV6-6*bp01

1441 sequences assigned
627 (43.5%) exact matches, in which:
512 unique CDR3
14 unique J



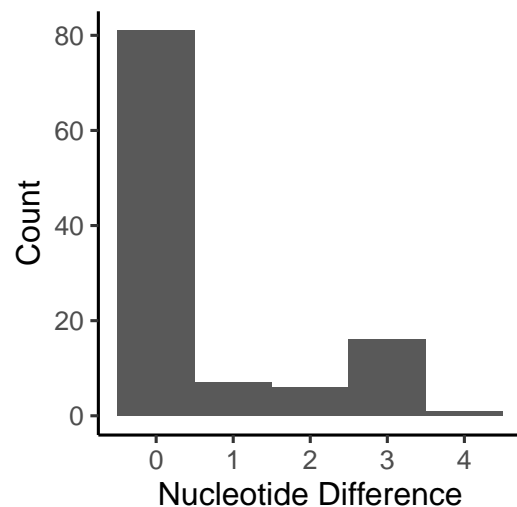
TRBV6-9*bp01

89 sequences assigned
26 (29.2%) exact matches, in which:
23 unique CDR3
11 unique J



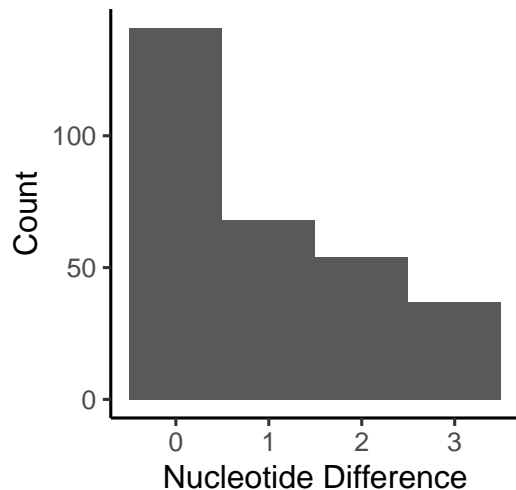
TRBV7-3*bp01

111 sequences assigned
81 (73%) exact matches, in which:
68 unique CDR3
11 unique J



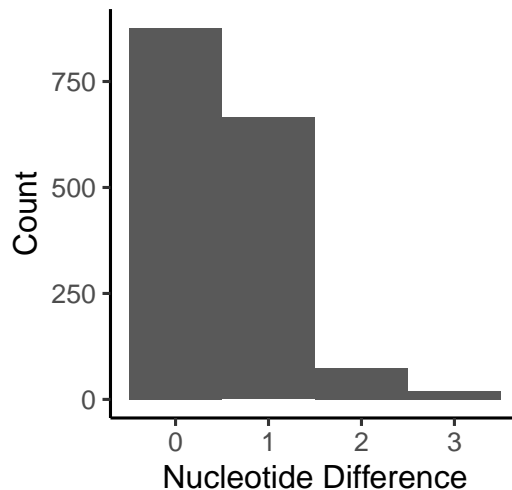
TRBV7-4*bp01

300 sequences assigned
141 (47%) exact matches, in which:
106 unique CDR3
13 unique J



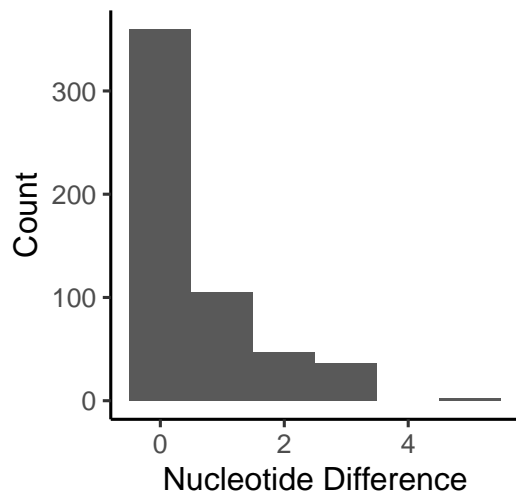
TRBV29-1*bp01

1635 sequences assigned
877 (53.6%) exact matches, in which:
482 unique CDR3
14 unique J



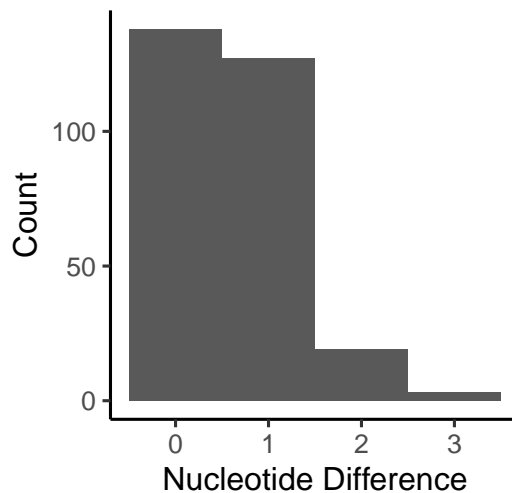
TRBV7-6*bp01

550 sequences assigned
360 (65.5%) exact matches, in which:
196 unique CDR3
13 unique J



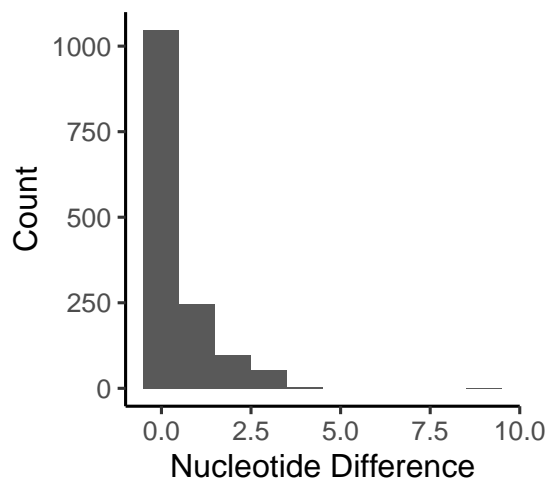
TRBV29-1*bp03

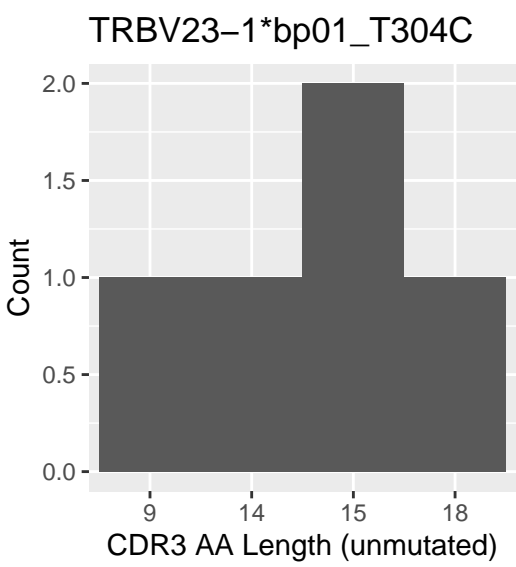
287 sequences assigned
138 (48.1%) exact matches, in which:
66 unique CDR3
12 unique J

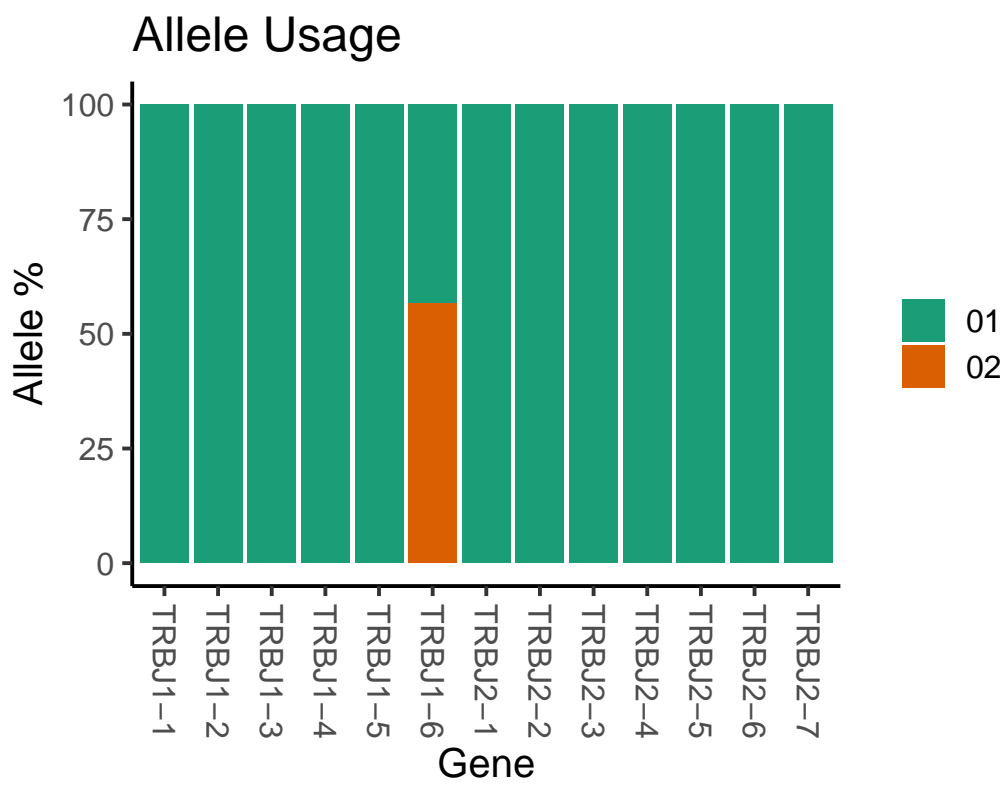


TRBV7-9*bp01

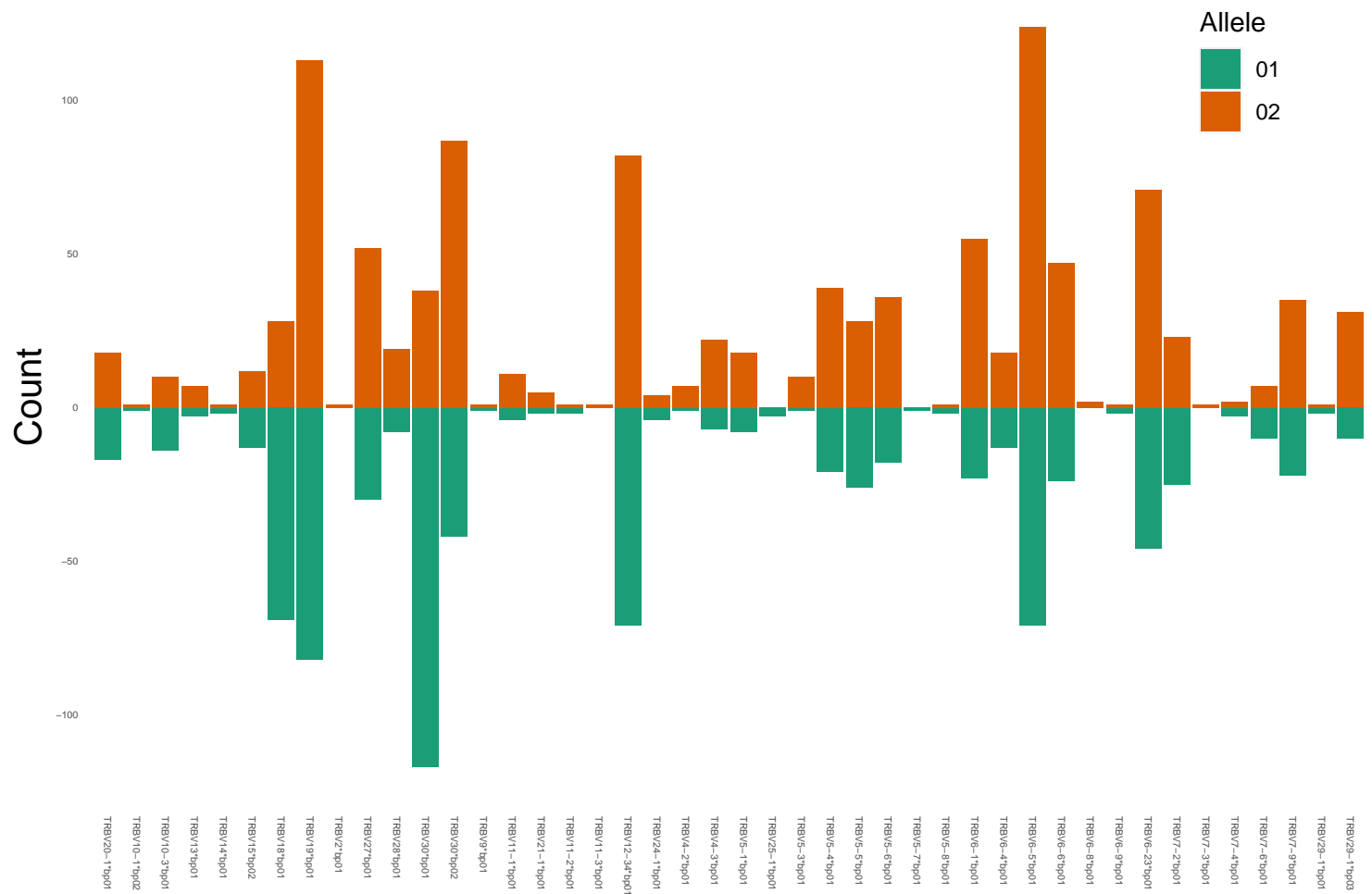
1448 sequences assigned
1047 (72.3%) exact matches, in which:
641 unique CDR3
14 unique J







Sequence Count by TRBJ1–6 allele usage



[illegible]