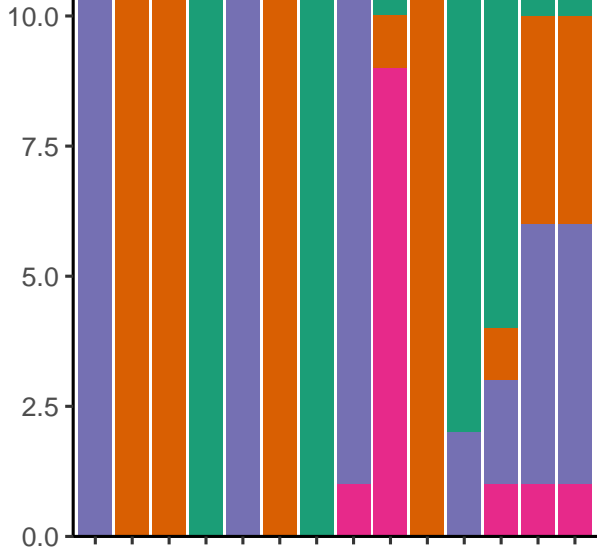


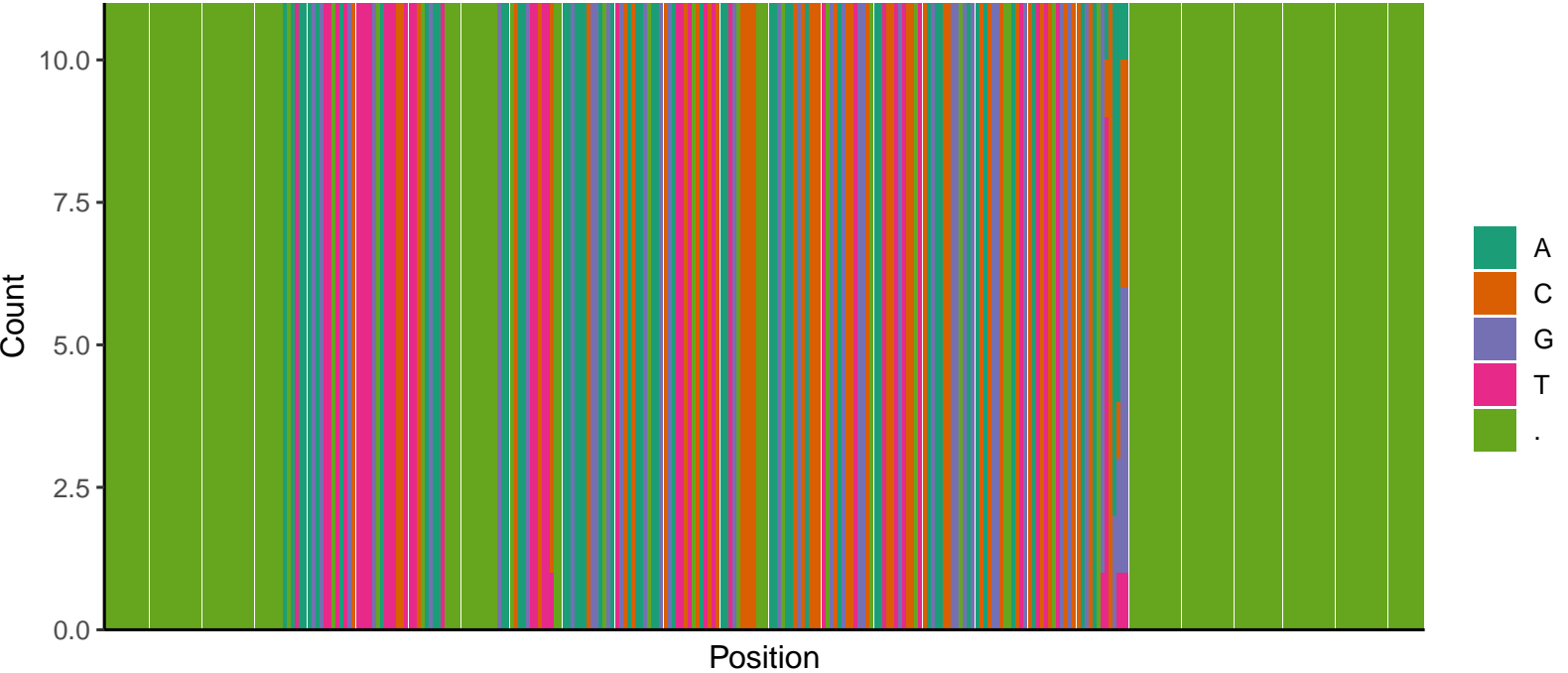
Gene TRBV23-1*bp01_T304C

Count

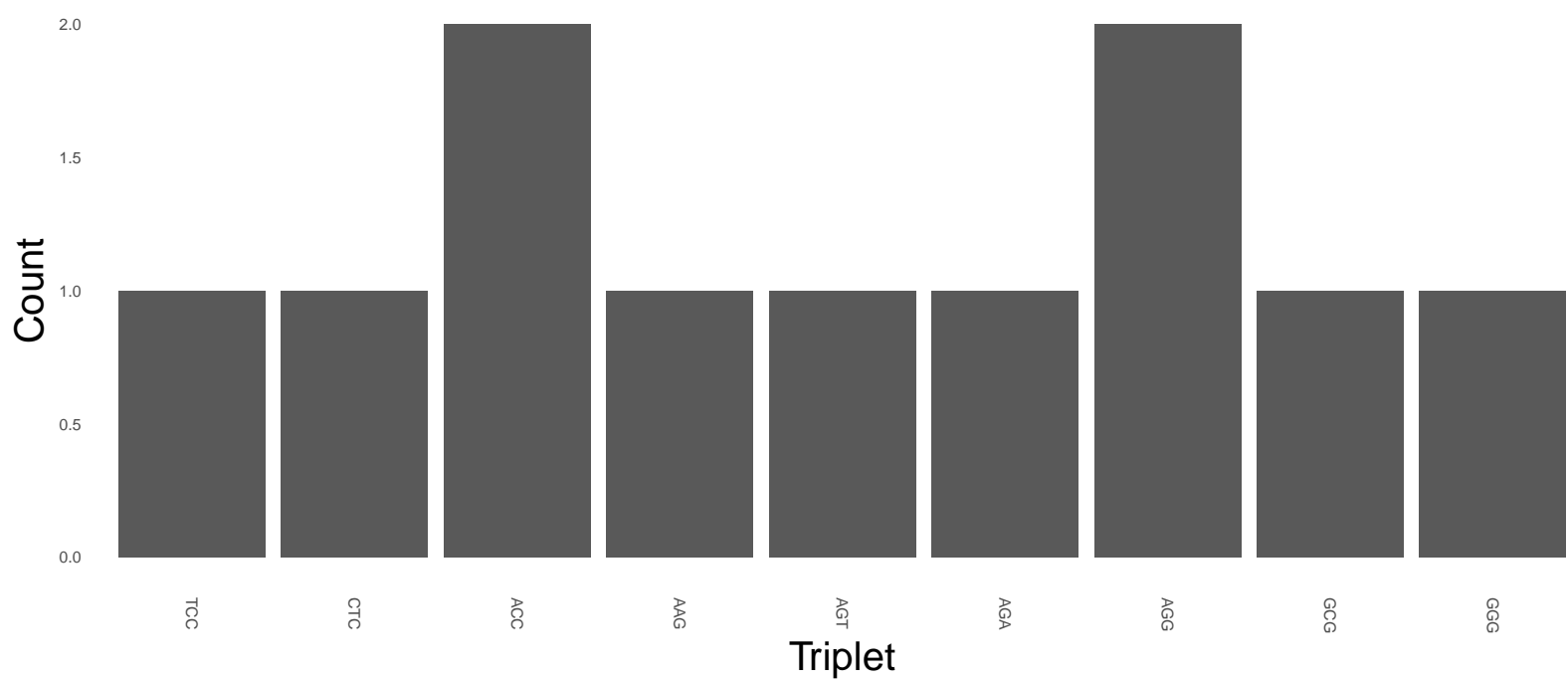


Position

Gene TRBV23-1*bp01_T304C

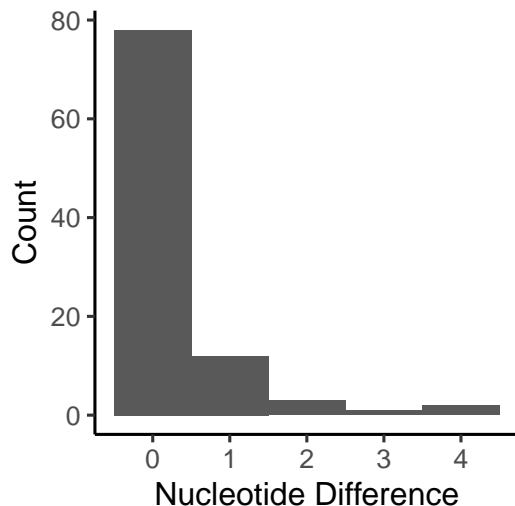


TRBV23-1*bp01_T304C- Final 3 nucleotides as a triplet



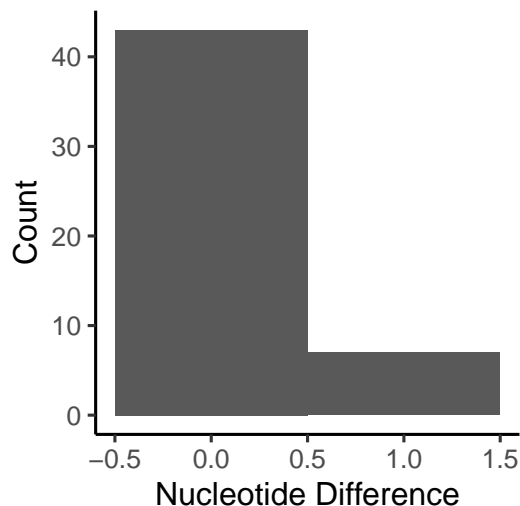
TRBV10-1*bp01

96 sequences assigned
78 (81.2%) exact matches, in which:
65 unique CDR3
11 unique J



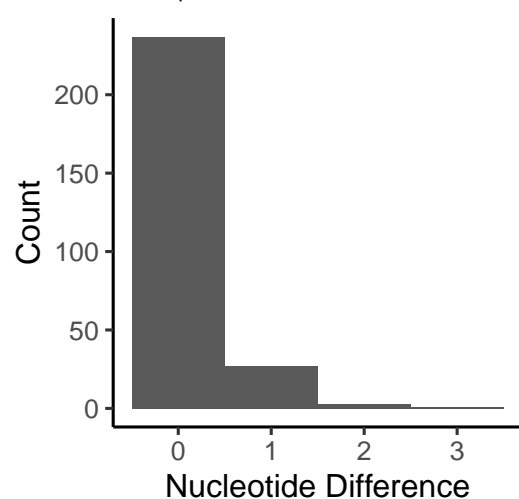
TRBV10-2*bp01

50 sequences assigned
43 (86%) exact matches, in which:
38 unique CDR3
11 unique J



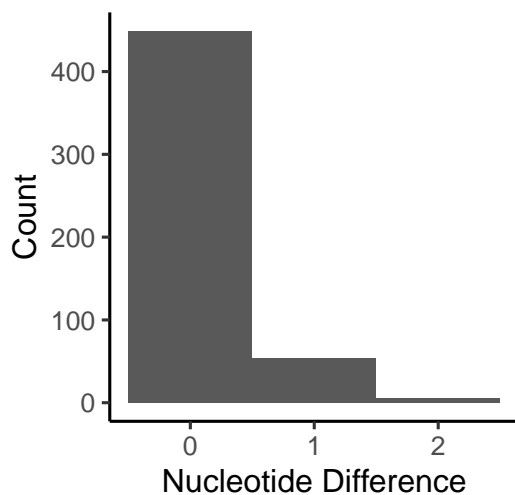
TRBV14*bp01

268 sequences assigned
237 (88.4%) exact matches, in which:
211 unique CDR3
14 unique J



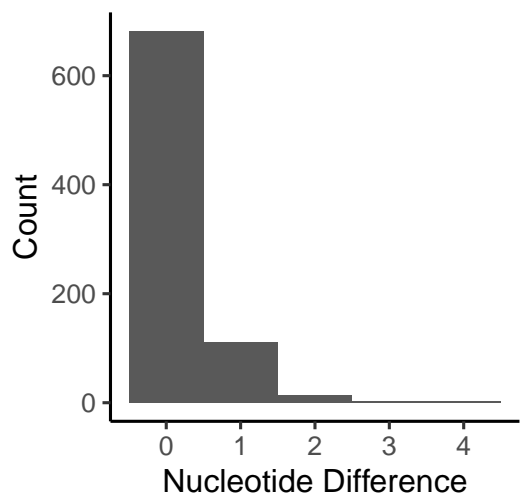
TRBV20-1*bp01

508 sequences assigned
449 (88.4%) exact matches, in which:
396 unique CDR3
14 unique J



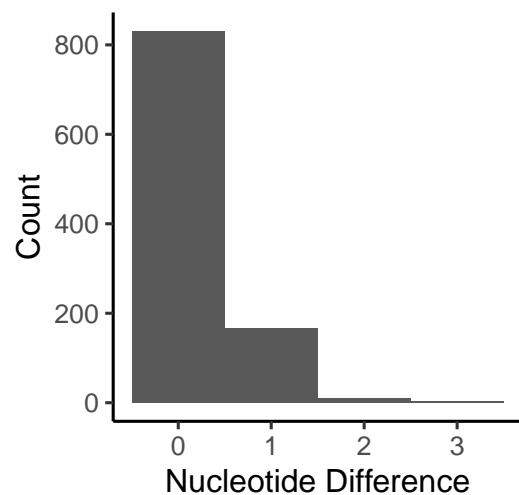
TRBV10-3*bp01

813 sequences assigned
682 (83.9%) exact matches, in which:
554 unique CDR3
14 unique J



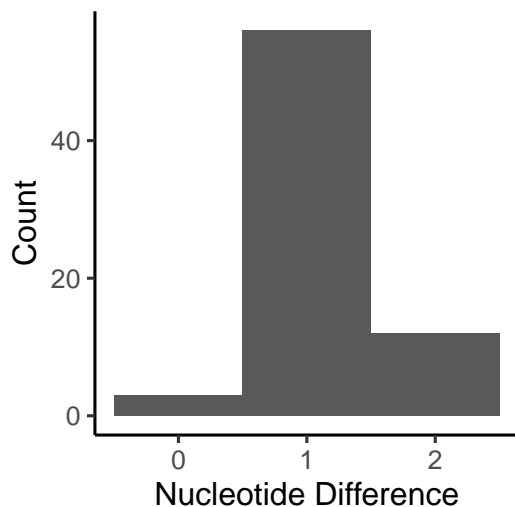
TRBV15*bp02

1012 sequences assigned
831 (82.1%) exact matches, in which:
542 unique CDR3
14 unique J



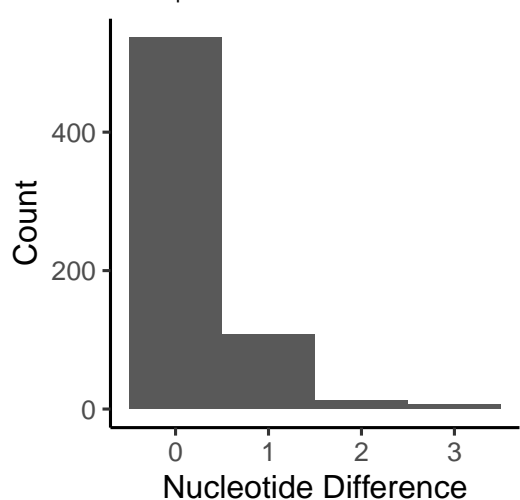
TRBV10-1*bp02

71 sequences assigned
3 (4.2%) exact matches, in which:
3 unique CDR3
2 unique J



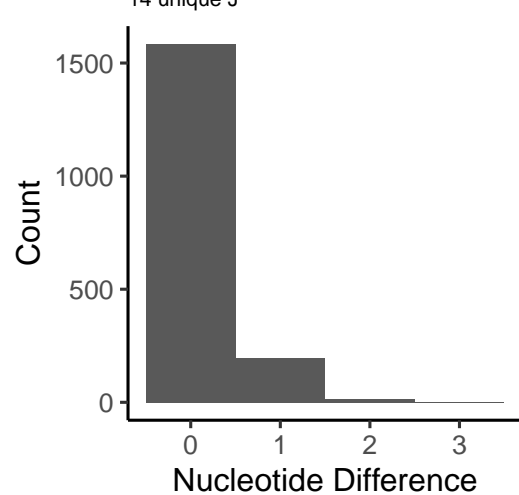
TRBV13*bp01

662 sequences assigned
537 (81.1%) exact matches, in which:
373 unique CDR3
14 unique J



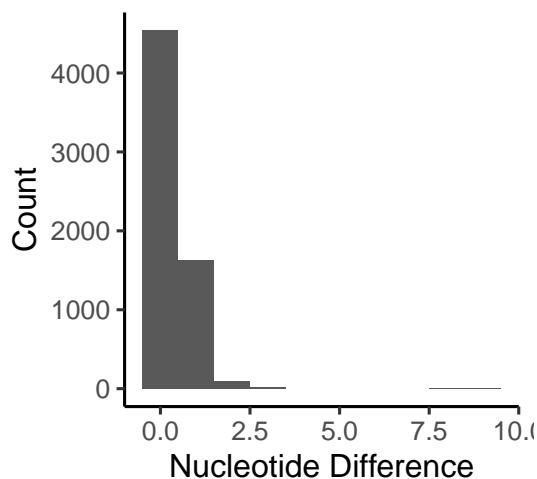
TRBV18*bp01

1797 sequences assigned
1584 (88.1%) exact matches, in which:
1014 unique CDR3
14 unique J



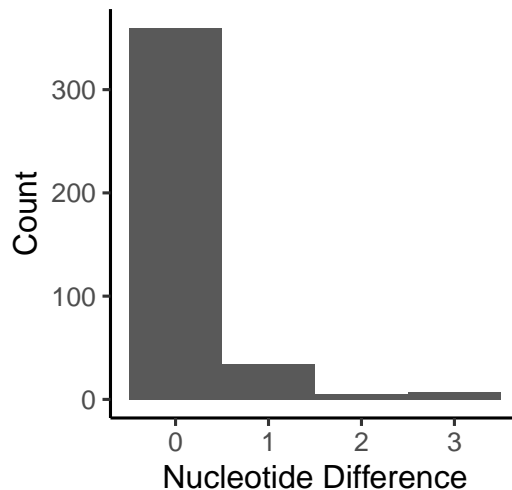
TRBV19*bp01

6278 sequences assigned
4540 (72.3%) exact matches, in which:
2650 unique CDR3
14 unique J



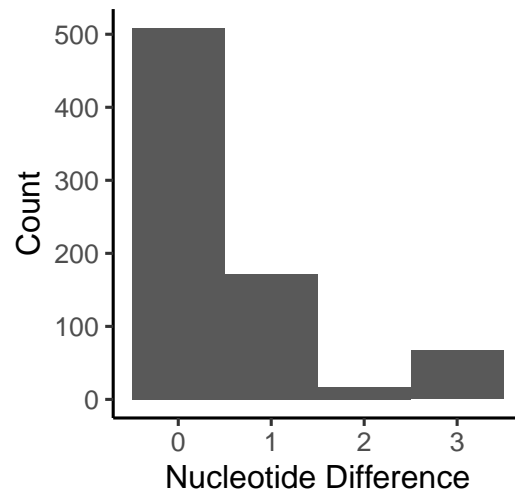
TRBV28*bp01

406 sequences assigned
360 (88.7%) exact matches, in which:
338 unique CDR3
14 unique J



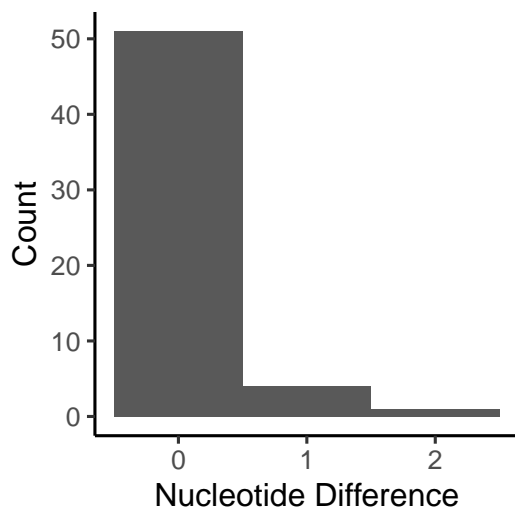
TRBV11-1*bp01

765 sequences assigned
509 (66.5%) exact matches, in which:
329 unique CDR3
14 unique J



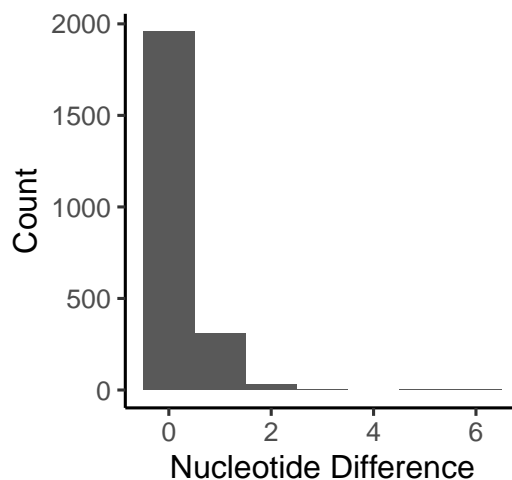
TRBV2*bp01

56 sequences assigned
51 (91.1%) exact matches, in which:
51 unique CDR3
13 unique J



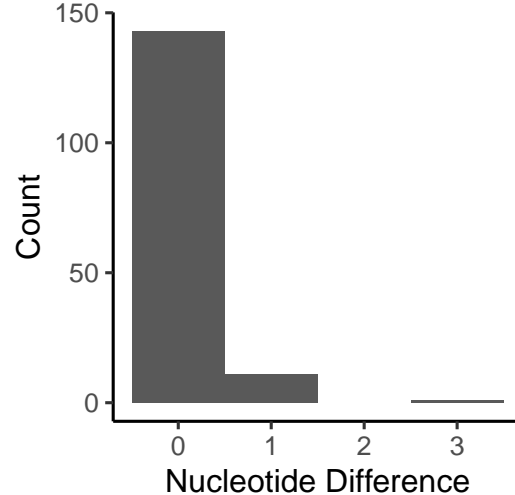
TRBV30*bp01

2300 sequences assigned
1957 (85.1%) exact matches, in which:
1140 unique CDR3
14 unique J



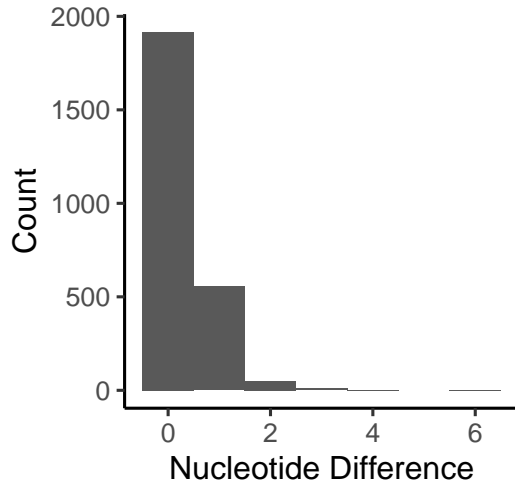
TRBV21-1*bp01

155 sequences assigned
143 (92.3%) exact matches, in which:
133 unique CDR3
13 unique J



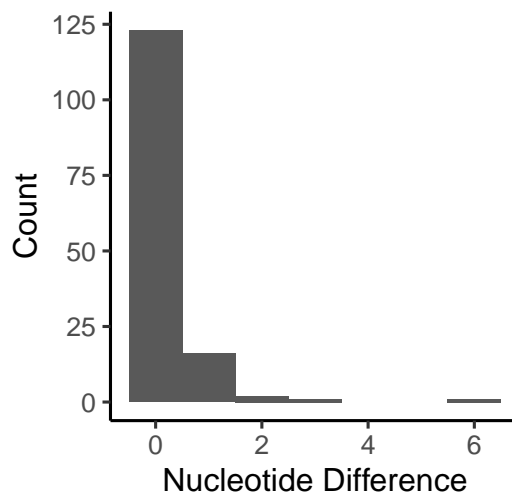
TRBV27*bp01

2533 sequences assigned
1916 (75.6%) exact matches, in which:
1418 unique CDR3
14 unique J



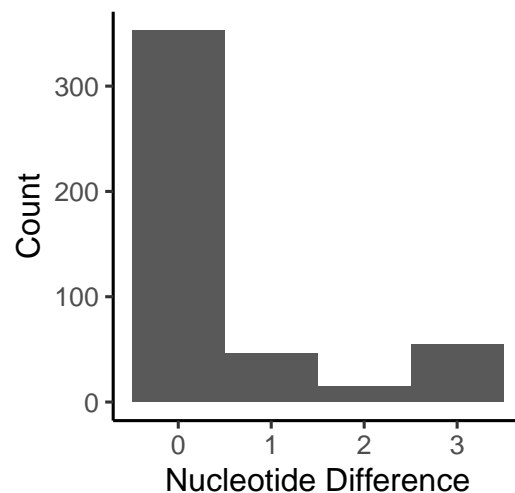
TRBV9*bp01

143 sequences assigned
123 (86%) exact matches, in which:
105 unique CDR3
13 unique J



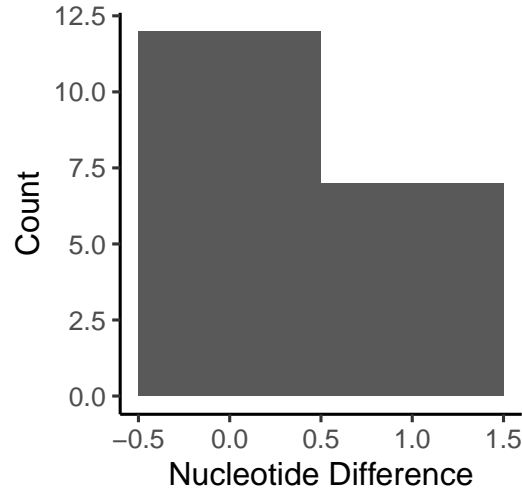
TRBV11-2*bp01

469 sequences assigned
353 (75.3%) exact matches, in which:
306 unique CDR3
14 unique J



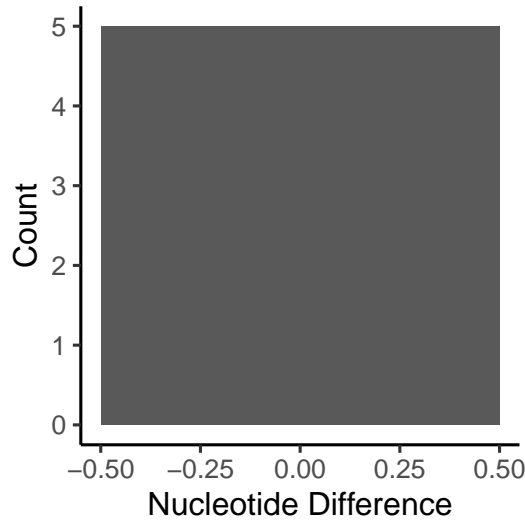
TRBV11–3*bp01

19 sequences assigned
12 (63.2%) exact matches, in which:
11 unique CDR3
7 unique J



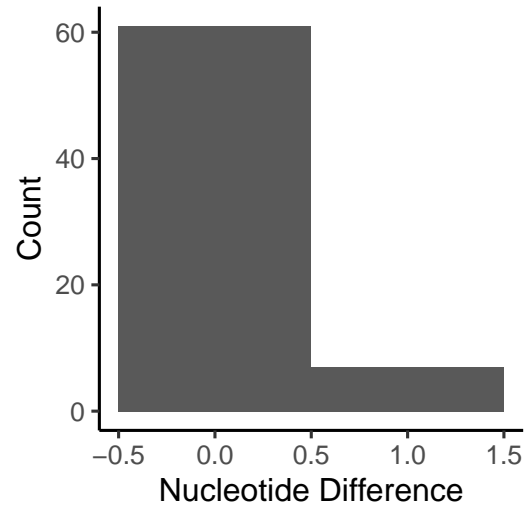
TRBV23–1*bp01

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



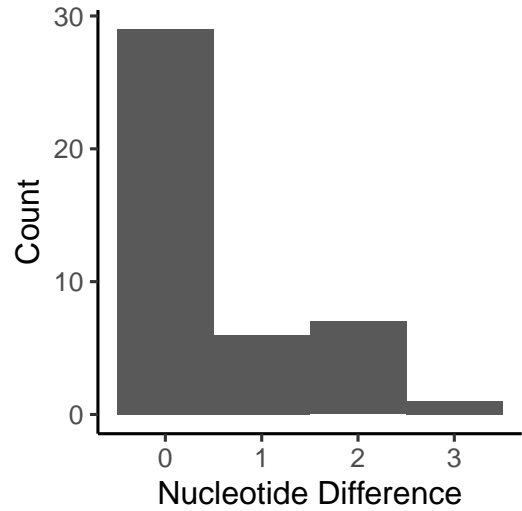
TRBV4–1*bp01

68 sequences assigned
61 (89.7%) exact matches, in which:
59 unique CDR3
14 unique J



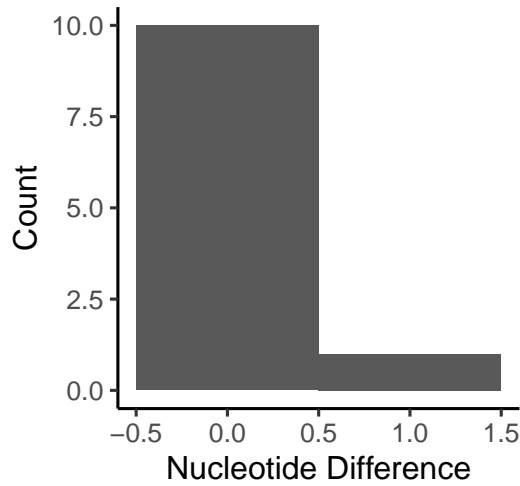
TRBV12–5*bp01

43 sequences assigned
29 (67.4%) exact matches, in which:
27 unique CDR3
10 unique J



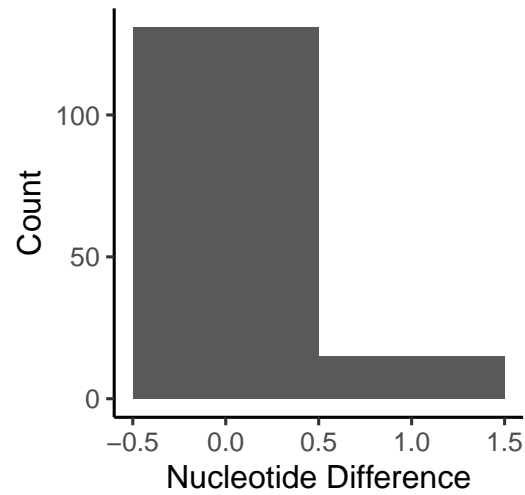
TRBV23–1*bp01_T304C

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



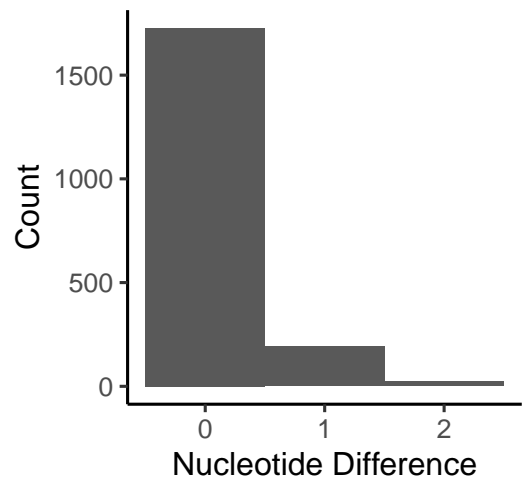
TRBV4–2*bp01

146 sequences assigned
131 (89.7%) exact matches, in which:
119 unique CDR3
13 unique J



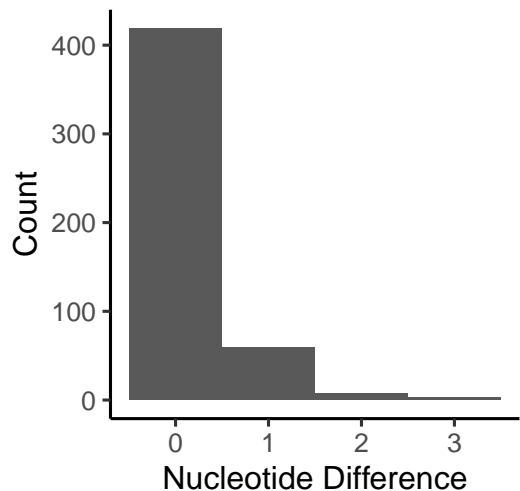
TRBV12–34*bp01

1943 sequences assigned
1727 (88.9%) exact matches, in which:
1114 unique CDR3
14 unique J



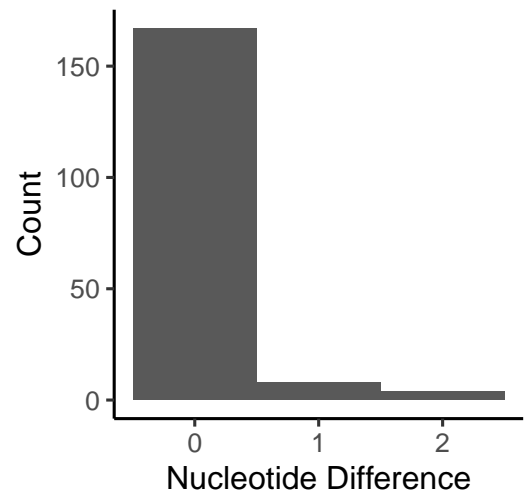
TRBV24–1*bp01

488 sequences assigned
419 (85.9%) exact matches, in which:
358 unique CDR3
14 unique J



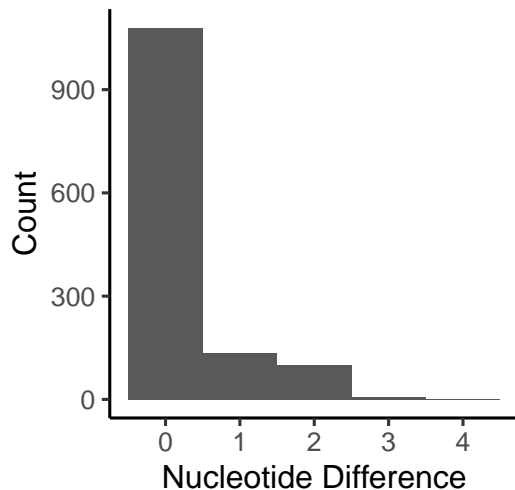
TRBV4–3*bp01

179 sequences assigned
167 (93.3%) exact matches, in which:
154 unique CDR3
13 unique J



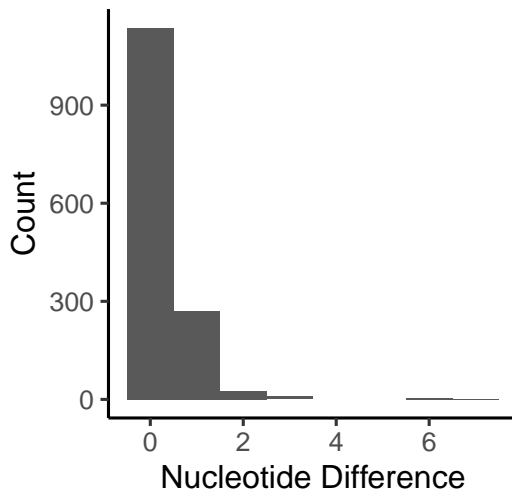
TRBV5-1*bp01

1320 sequences assigned
1080 (81.8%) exact matches, in which:
891 unique CDR3
14 unique J



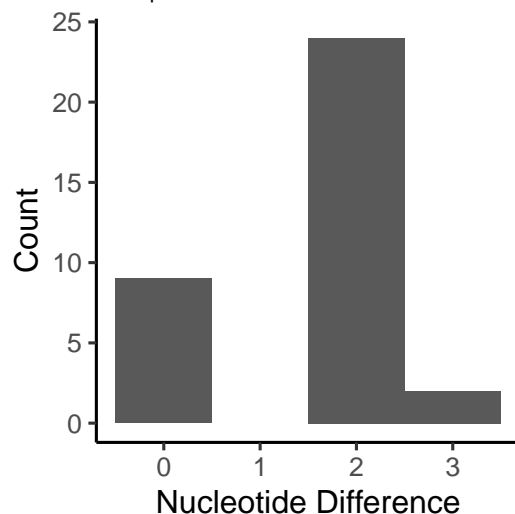
TRBV5-4*bp01

1447 sequences assigned
1137 (78.6%) exact matches, in which:
766 unique CDR3
14 unique J



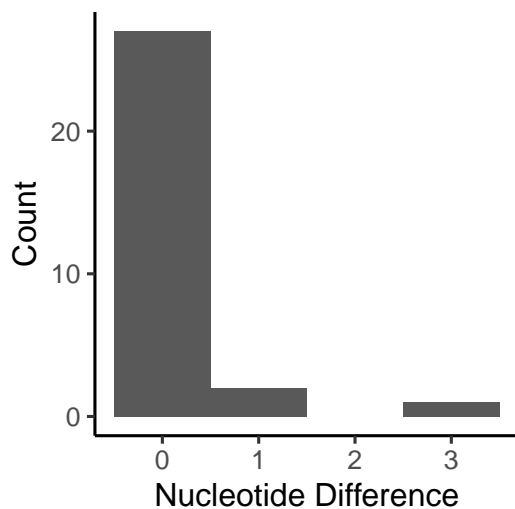
TRBV5-7*bp01

35 sequences assigned
9 (25.7%) exact matches, in which:
8 unique CDR3
7 unique J



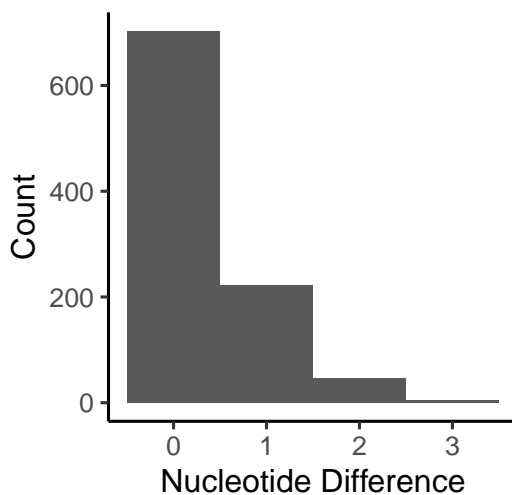
TRBV25-1*bp01

30 sequences assigned
27 (90%) exact matches, in which:
26 unique CDR3
9 unique J



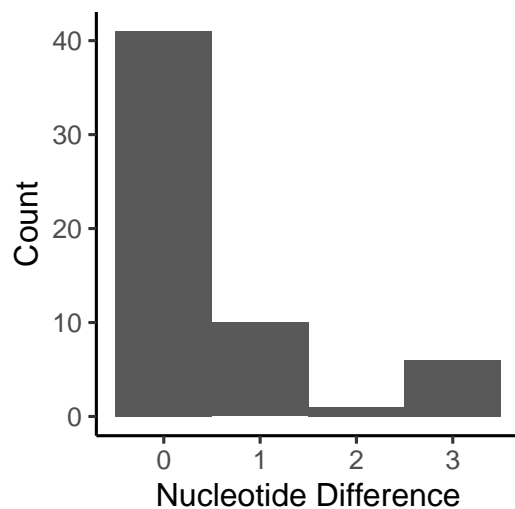
TRBV5-5*bp01

976 sequences assigned
703 (72%) exact matches, in which:
455 unique CDR3
14 unique J



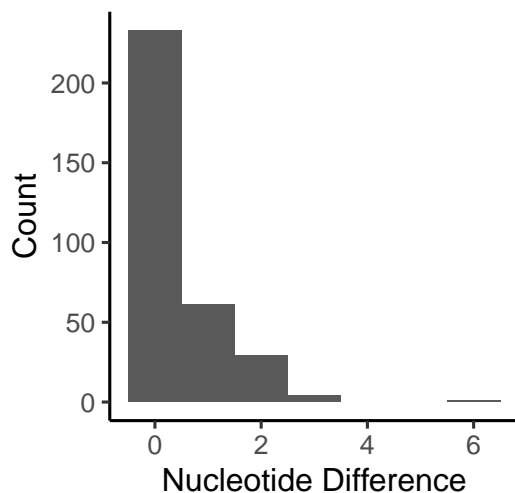
TRBV5-8*bp01

58 sequences assigned
41 (70.7%) exact matches, in which:
31 unique CDR3
10 unique J



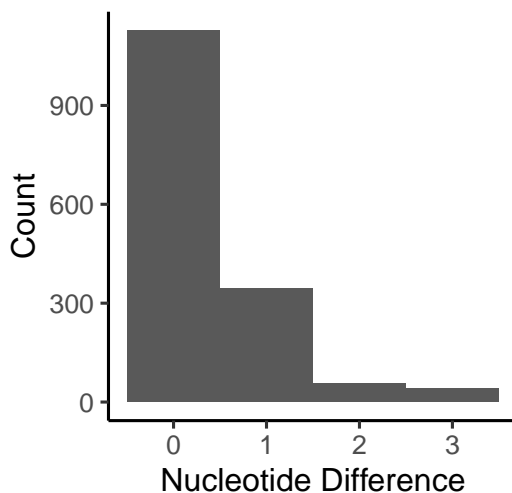
TRBV5-3*bp01

328 sequences assigned
233 (71%) exact matches, in which:
162 unique CDR3
14 unique J



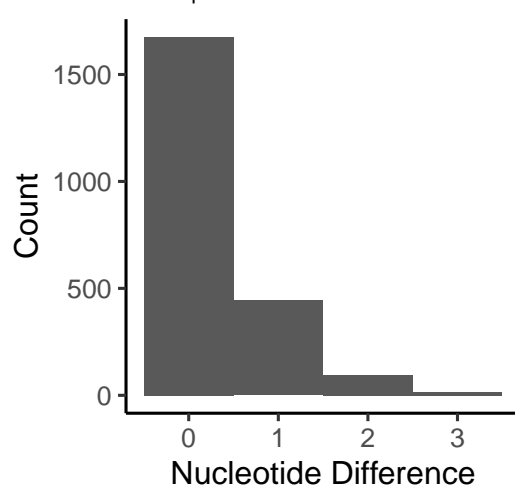
TRBV5-6*bp01

1570 sequences assigned
1128 (71.8%) exact matches, in which:
764 unique CDR3
14 unique J



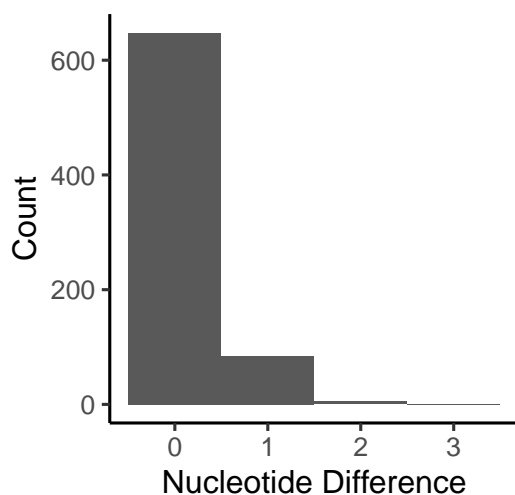
TRBV6-1*bp01

2230 sequences assigned
1675 (75.1%) exact matches, in which:
1357 unique CDR3
14 unique J



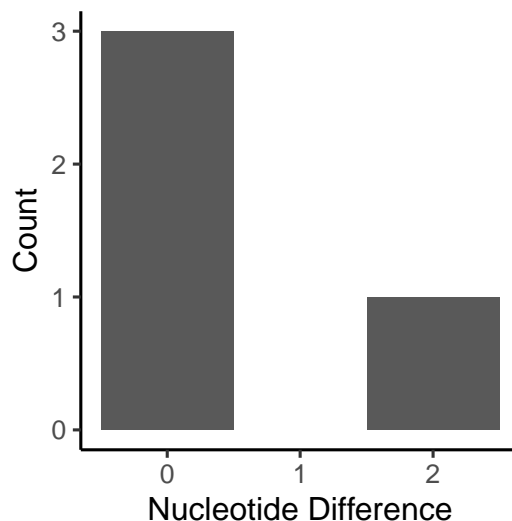
TRBV6-4*bp01

738 sequences assigned
648 (87.8%) exact matches, in which:
479 unique CDR3
14 unique J



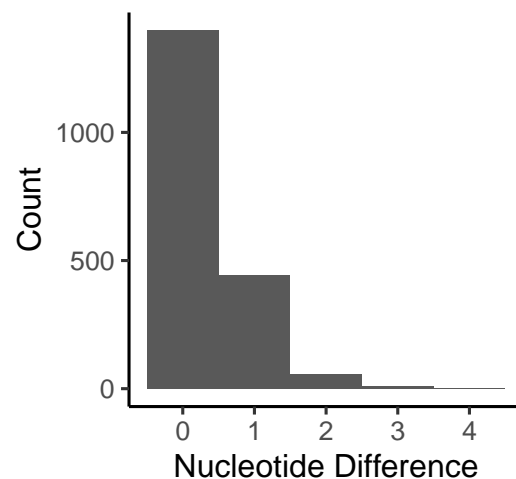
TRBV6-7*bp01

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



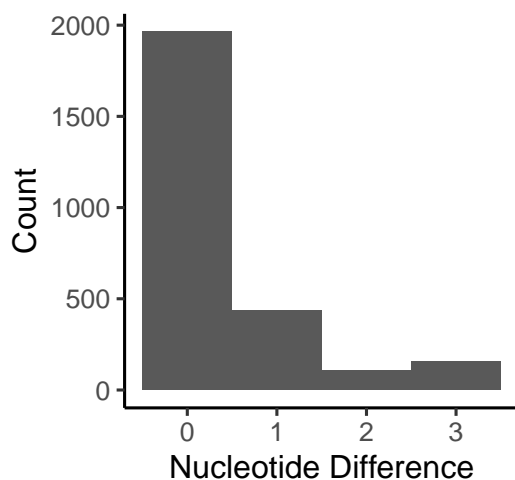
TRBV6-23*bp01

1906 sequences assigned
1398 (73.3%) exact matches, in which:
1103 unique CDR3
14 unique J



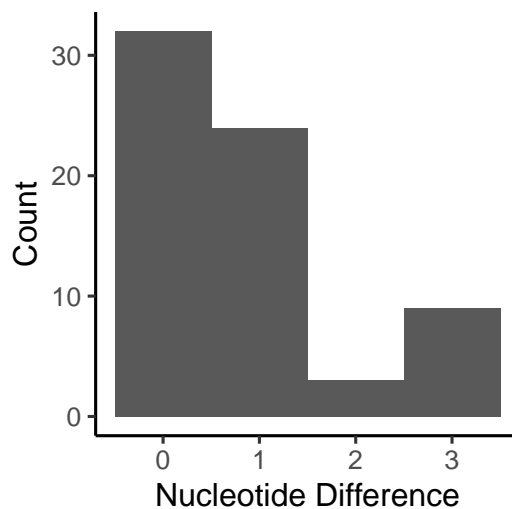
TRBV6-5*bp01

2658 sequences assigned
1964 (73.9%) exact matches, in which:
1529 unique CDR3
14 unique J



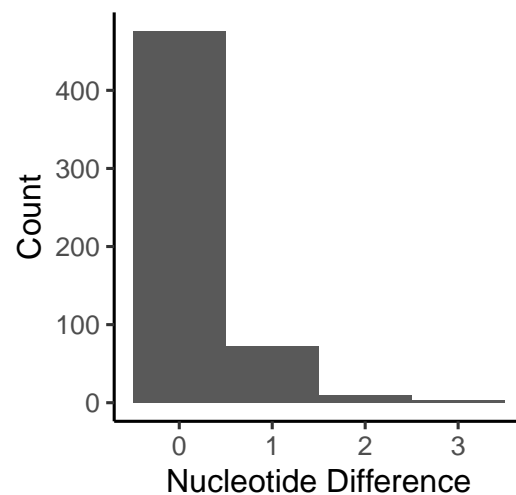
TRBV6-8*bp01

68 sequences assigned
32 (47.1%) exact matches, in which:
25 unique CDR3
8 unique J



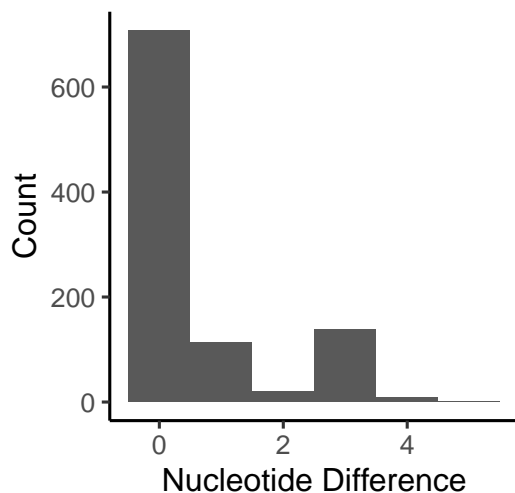
TRBV7-2*bp01

561 sequences assigned
476 (84.8%) exact matches, in which:
385 unique CDR3
14 unique J



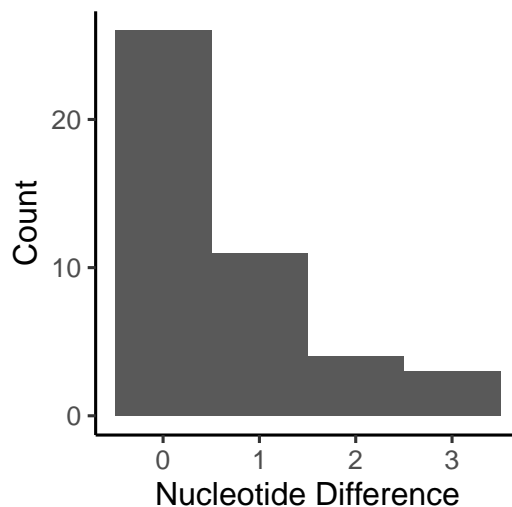
TRBV6-6*bp01

991 sequences assigned
708 (71.4%) exact matches, in which:
572 unique CDR3
14 unique J



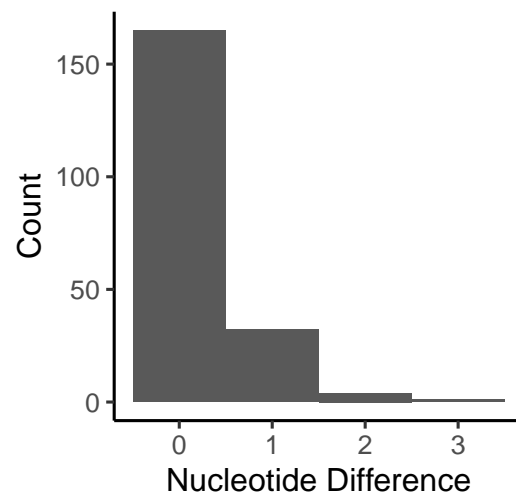
TRBV6-9*bp01

44 sequences assigned
26 (59.1%) exact matches, in which:
23 unique CDR3
10 unique J



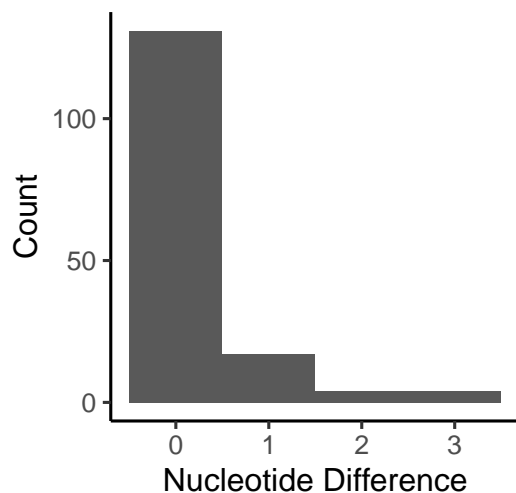
TRBV7-2*bp02

202 sequences assigned
165 (81.7%) exact matches, in which:
138 unique CDR3
13 unique J



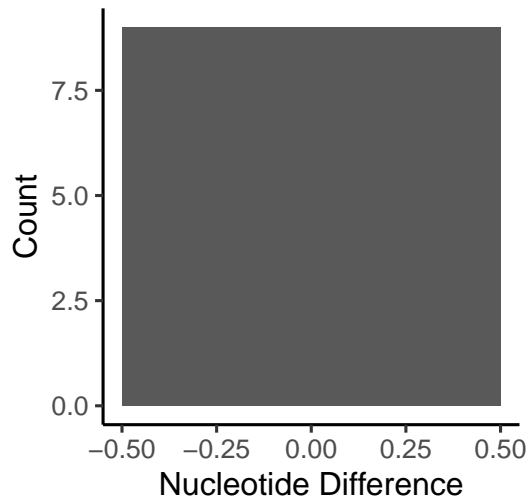
TRBV7-3*bp01

156 sequences assigned
131 (84%) exact matches, in which:
114 unique CDR3
13 unique J



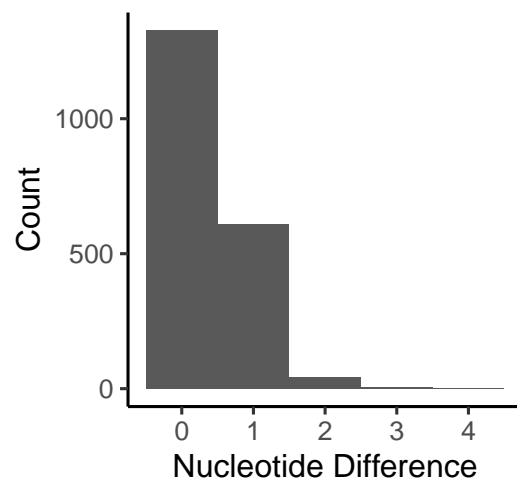
TRBV7-7*bp01

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



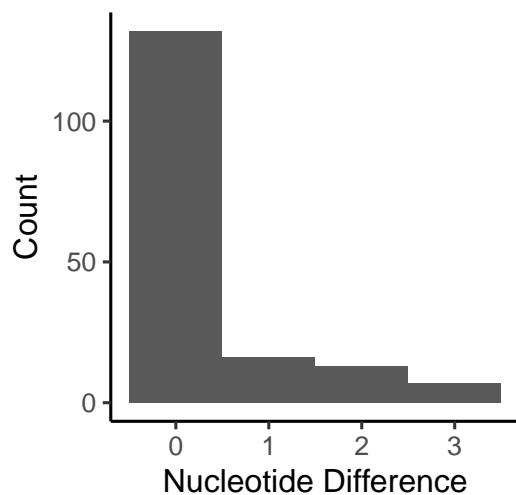
TRBV29-1*bp01

1983 sequences assigned
1327 (66.9%) exact matches, in which:
819 unique CDR3
14 unique J



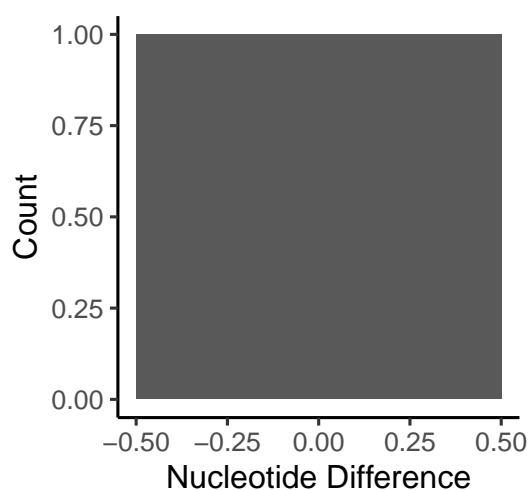
TRBV7-4*bp01

168 sequences assigned
132 (78.6%) exact matches, in which:
83 unique CDR3
14 unique J



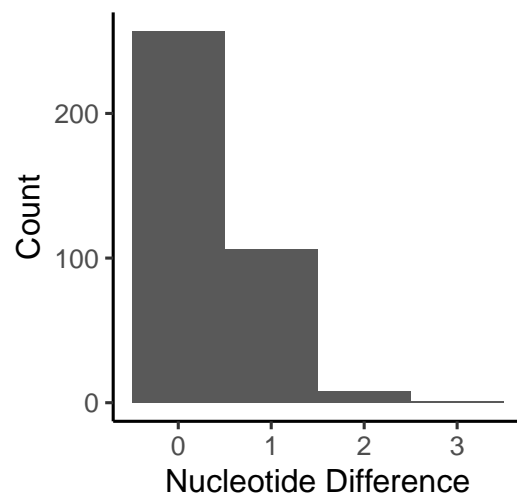
TRBV7-8*bp01

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



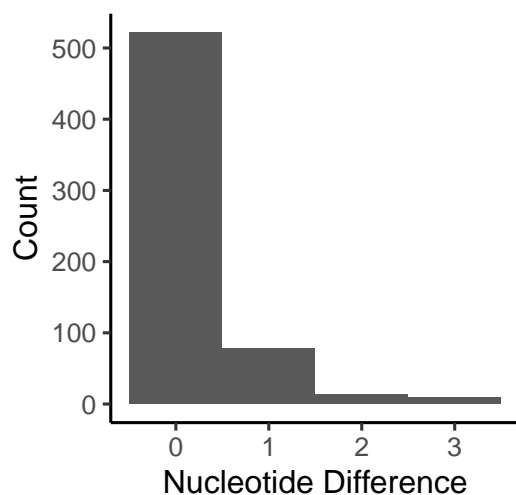
TRBV29-1*bp03

372 sequences assigned
257 (69.1%) exact matches, in which:
159 unique CDR3
13 unique J



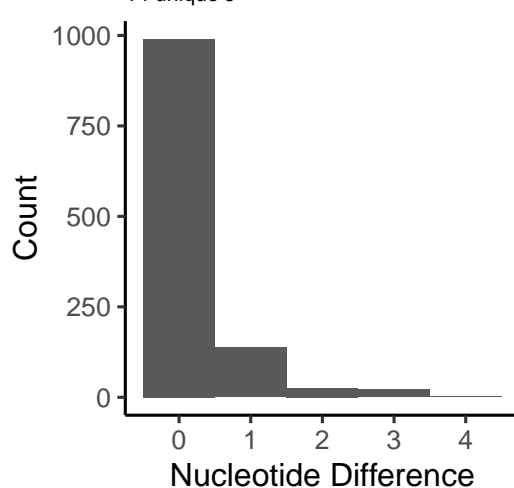
TRBV7-6*bp01

623 sequences assigned
522 (83.8%) exact matches, in which:
350 unique CDR3
14 unique J

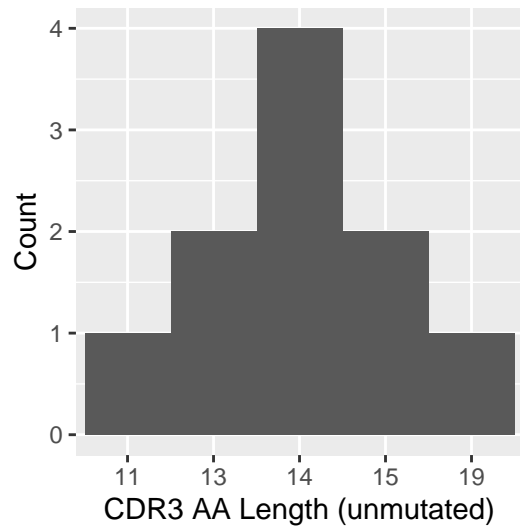


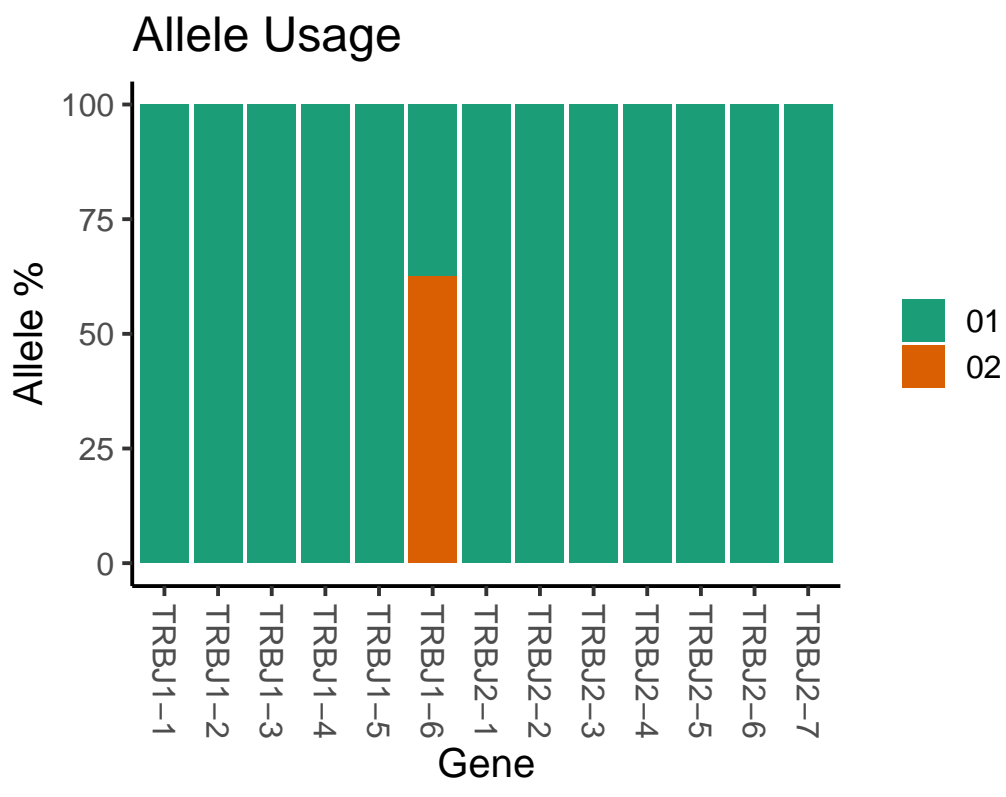
TRBV7-9*bp01

1177 sequences assigned
990 (84.1%) exact matches, in which:
776 unique CDR3
14 unique J

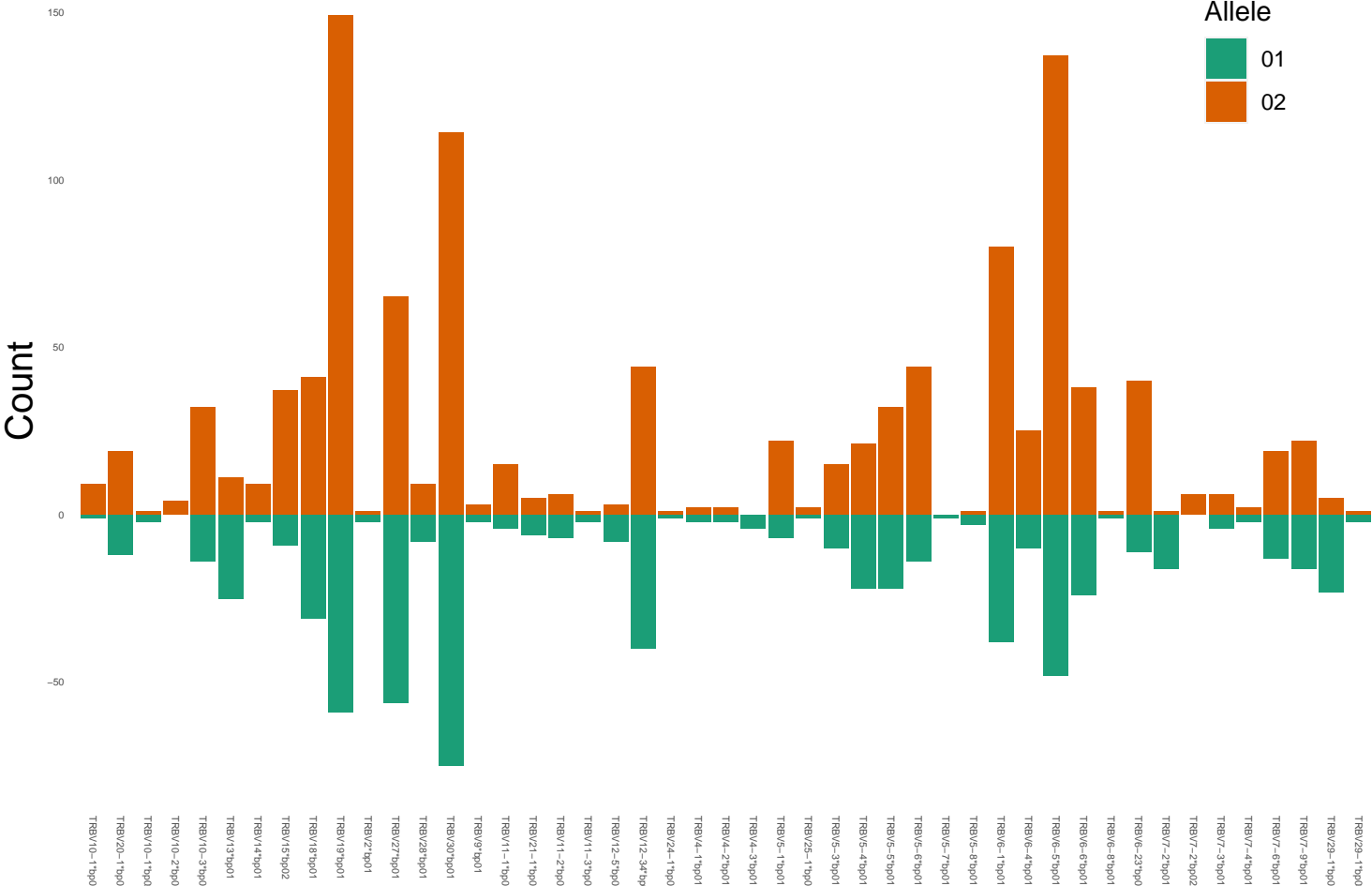


TRBV23-1*bp01_T304C





Sequence Count by TRBJ1–6 allele usage



[illegible]