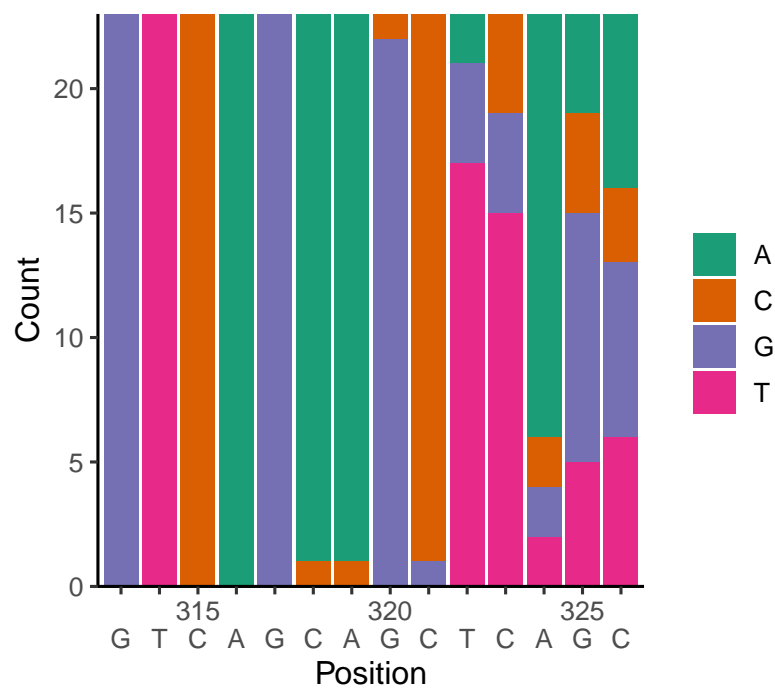
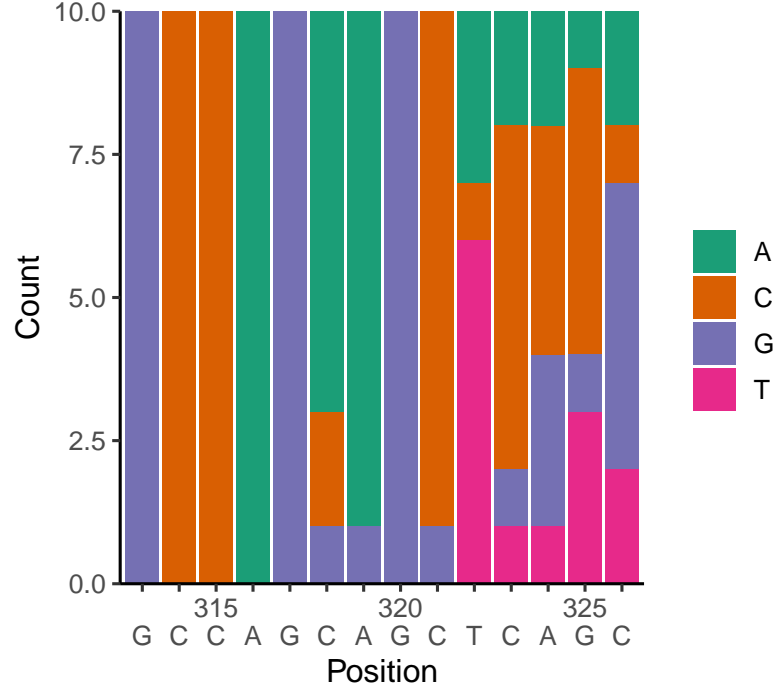


Gene TRBV7-1*ap01_T296C_C314T



Gene TRBV7-1*ap01_T296C



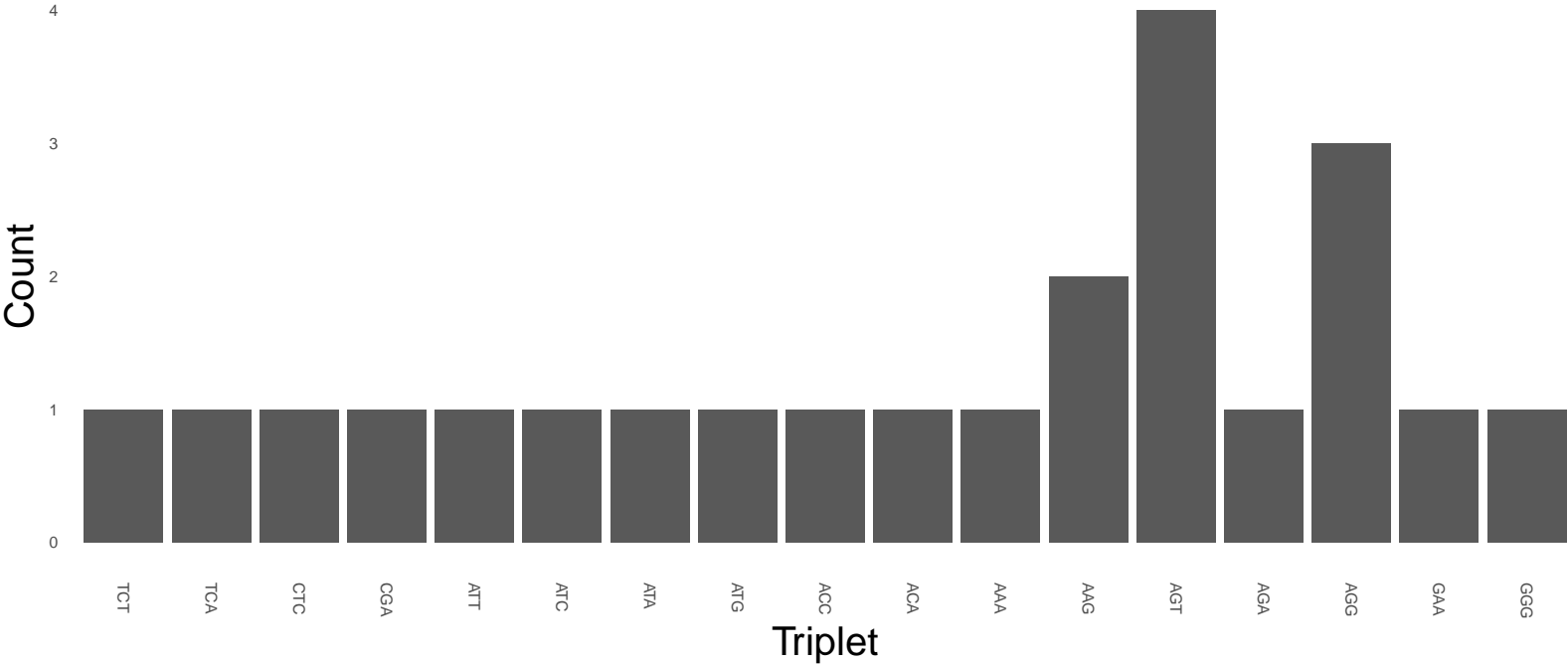
Gene TRBV7-1*ap01_T296C_C314T



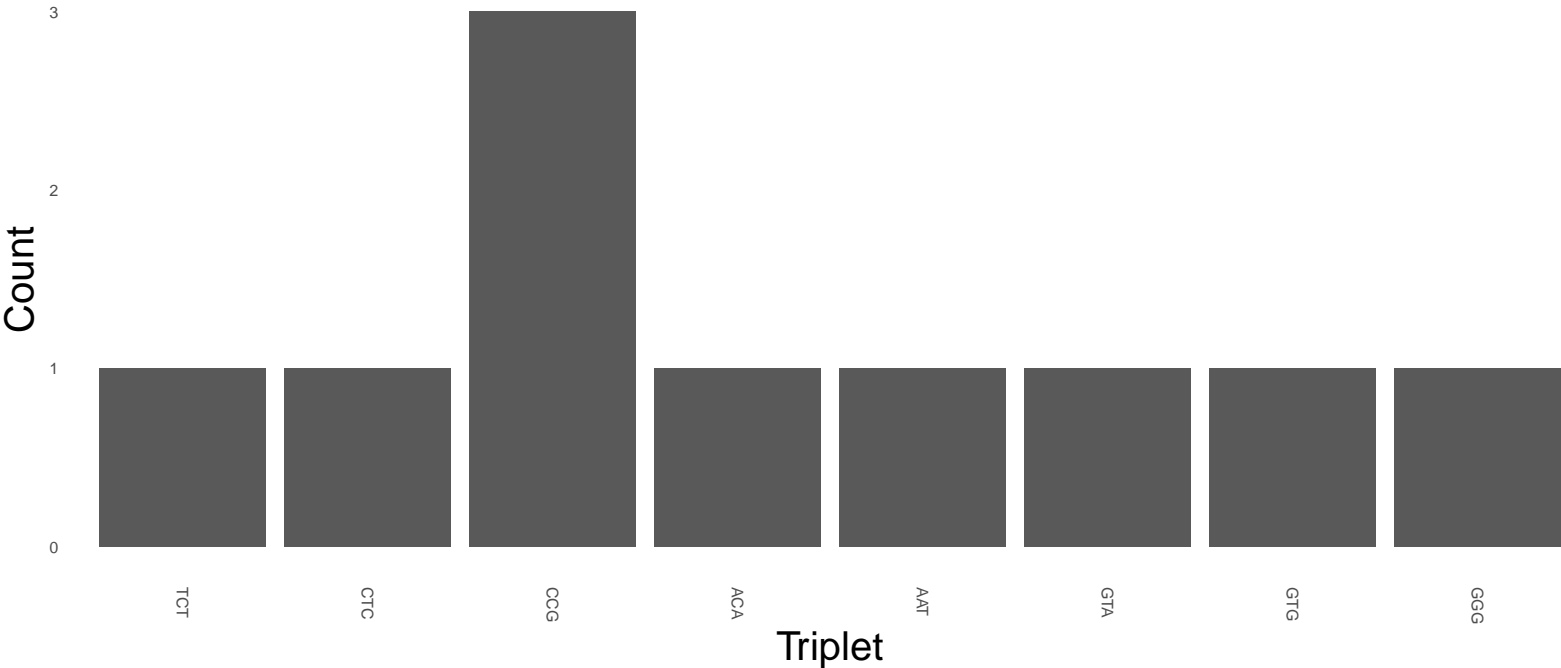
Gene TRBV7-1*ap01_T296C



TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet

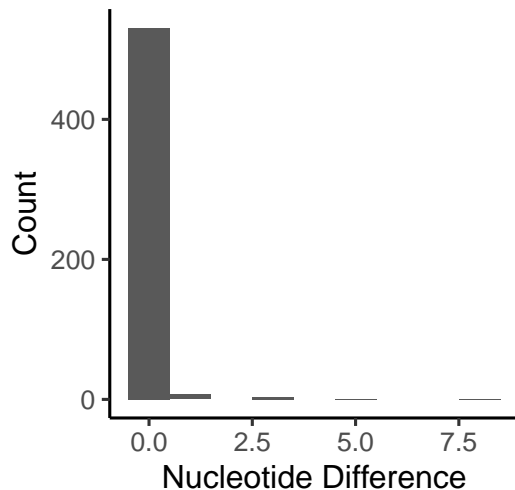


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



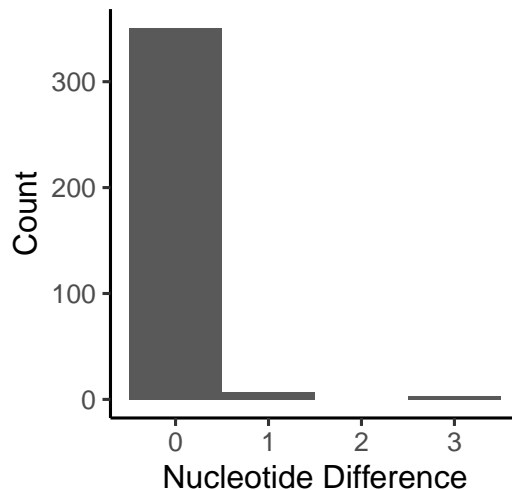
TRBV10–1*ap01

543 sequences assigned
531 (97.8%) exact matches, in which:
521 unique CDR3
13 unique J



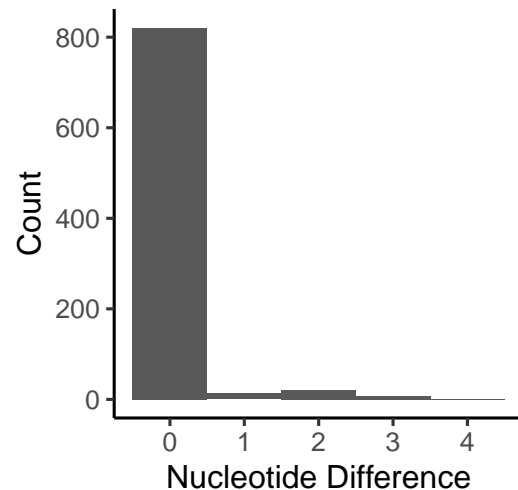
TRBV10–2*ap01

361 sequences assigned
351 (97.2%) exact matches, in which:
344 unique CDR3
13 unique J



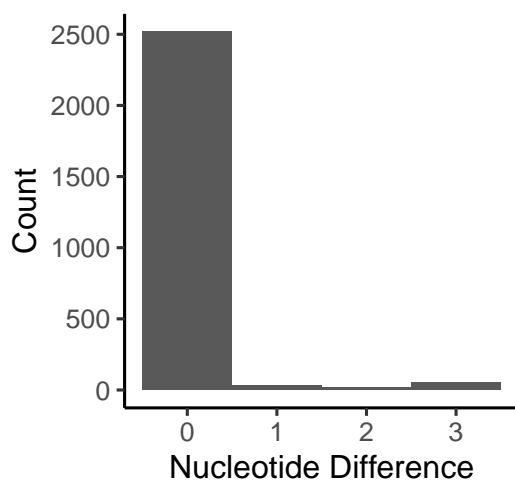
TRBV13*ap01

863 sequences assigned
821 (95.1%) exact matches, in which:
800 unique CDR3
13 unique J



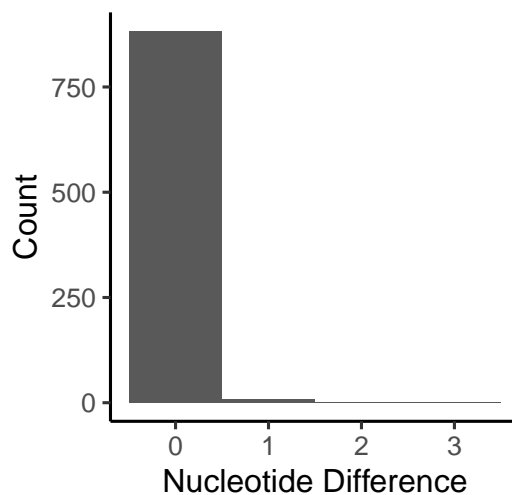
TRBV20–1*ap01

2622 sequences assigned
2518 (96%) exact matches, in which:
2462 unique CDR3
13 unique J



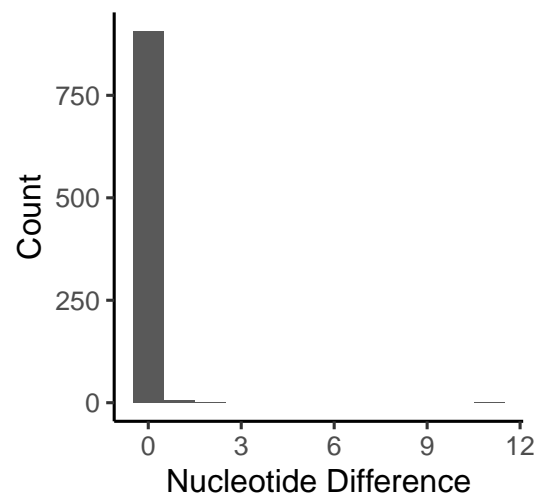
TRBV10–3*ap01

896 sequences assigned
883 (98.5%) exact matches, in which:
874 unique CDR3
13 unique J



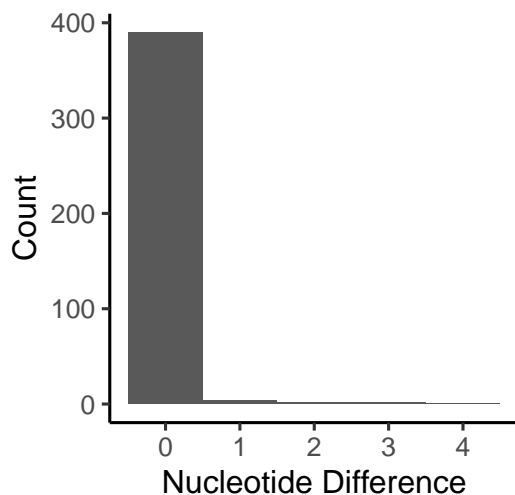
TRBV14*ap01

915 sequences assigned
907 (99.1%) exact matches, in which:
889 unique CDR3
13 unique J



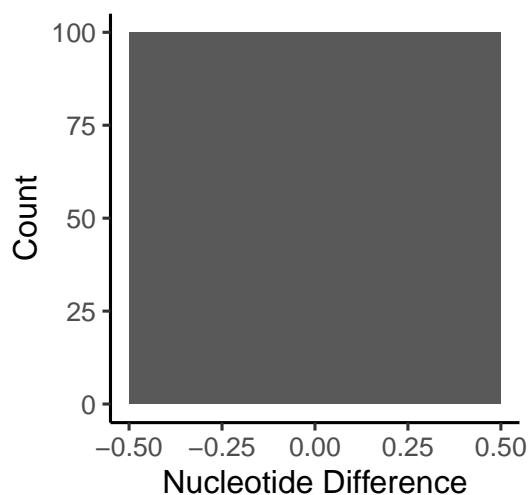
TRBV20–1*ap02

399 sequences assigned
390 (97.7%) exact matches, in which:
381 unique CDR3
13 unique J



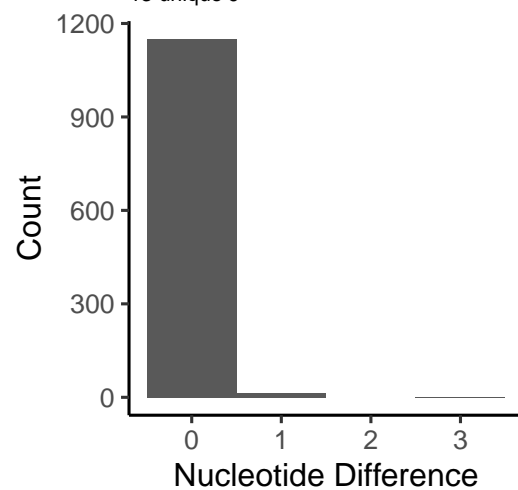
TRBV1*ap01

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



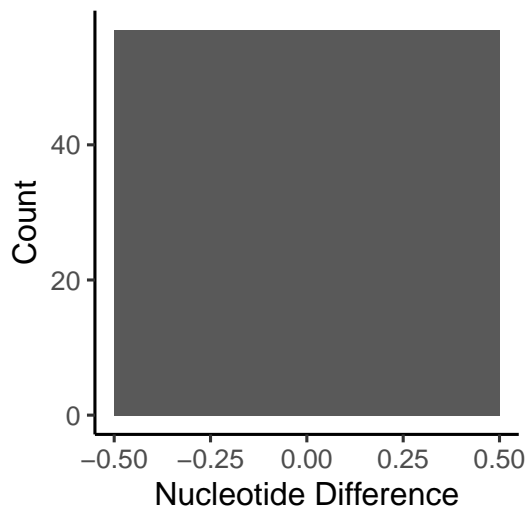
TRBV15*ap02

1164 sequences assigned
1150 (98.8%) exact matches, in which:
1135 unique CDR3
13 unique J



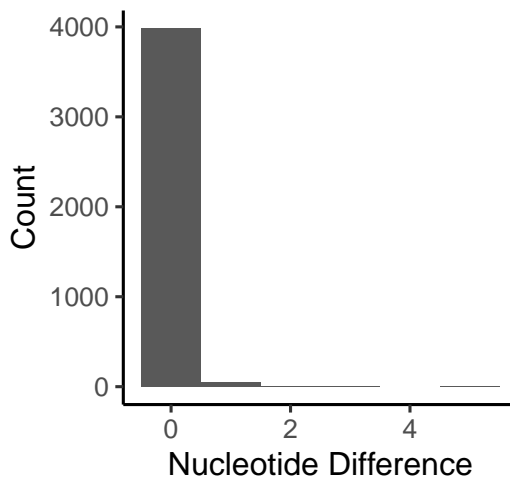
TRBV16*ap01

57 sequences assigned
57 (100%) exact matches, in which:
57 unique CDR3
12 unique J



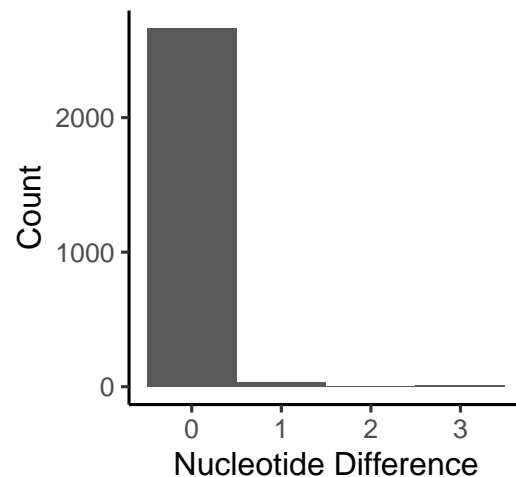
TRBV19*ap01

4055 sequences assigned
3983 (98.2%) exact matches, in which:
3926 unique CDR3
13 unique J



TRBV28*ap01

2711 sequences assigned
2663 (98.2%) exact matches, in which:
2633 unique CDR3
13 unique J



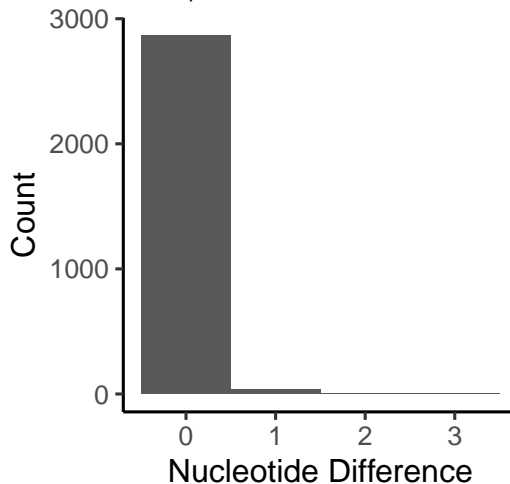
TRBV17*ap01

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



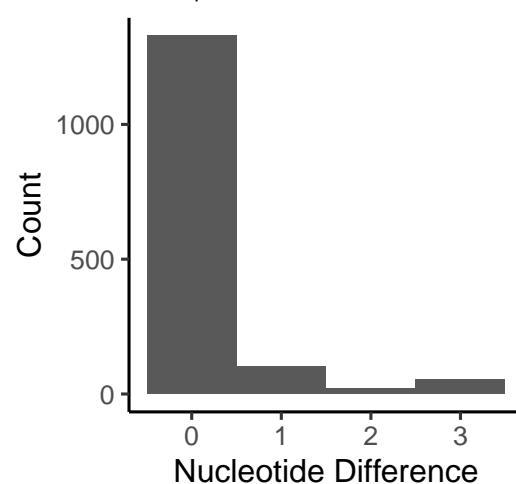
TRBV2*ap01

2909 sequences assigned
2864 (98.5%) exact matches, in which:
2830 unique CDR3
13 unique J



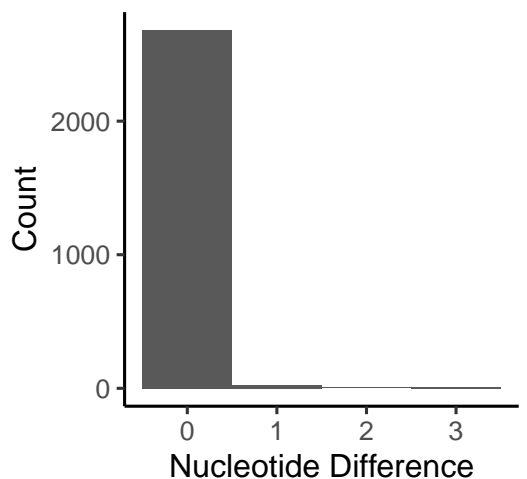
TRBV30*ap01

1504 sequences assigned
1329 (88.4%) exact matches, in which:
1305 unique CDR3
13 unique J



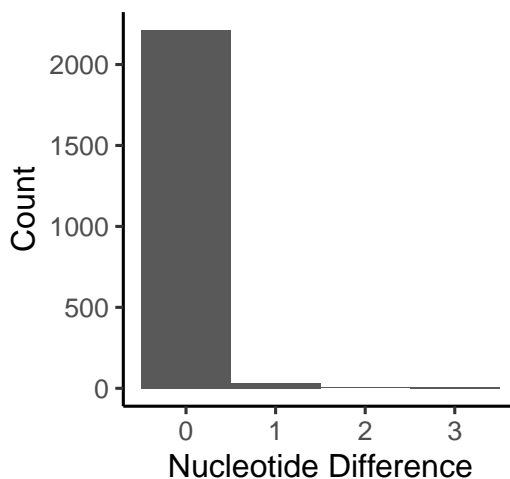
TRBV18*ap01

2725 sequences assigned
2682 (98.4%) exact matches, in which:
2624 unique CDR3
13 unique J



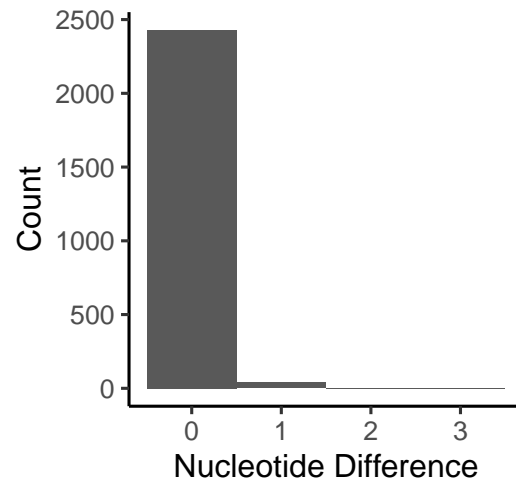
TRBV27*ap01

2259 sequences assigned
2213 (98%) exact matches, in which:
2190 unique CDR3
13 unique J



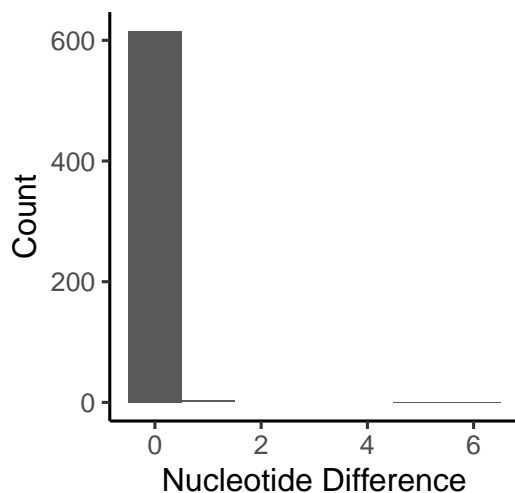
TRBV9*ap01

2476 sequences assigned
2429 (98.1%) exact matches, in which:
2385 unique CDR3
13 unique J



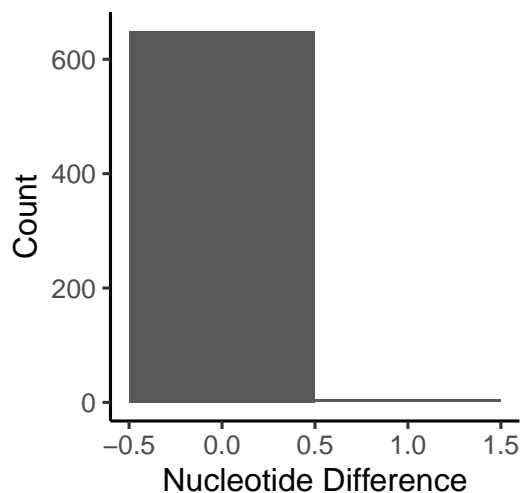
TRBV21–1*ap01

621 sequences assigned
616 (99.2%) exact matches, in which:
614 unique CDR3
13 unique J



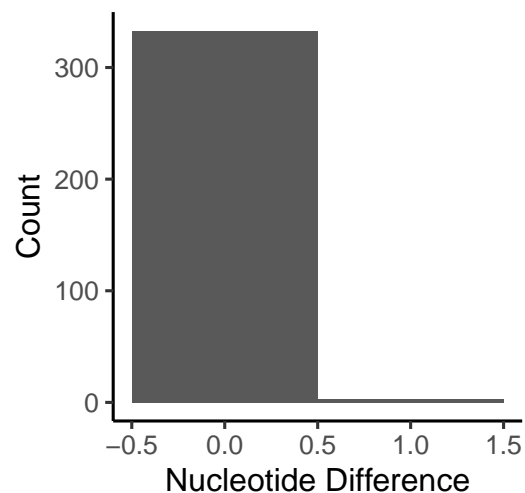
TRBV11–3*ap01

655 sequences assigned
650 (99.2%) exact matches, in which:
644 unique CDR3
13 unique J



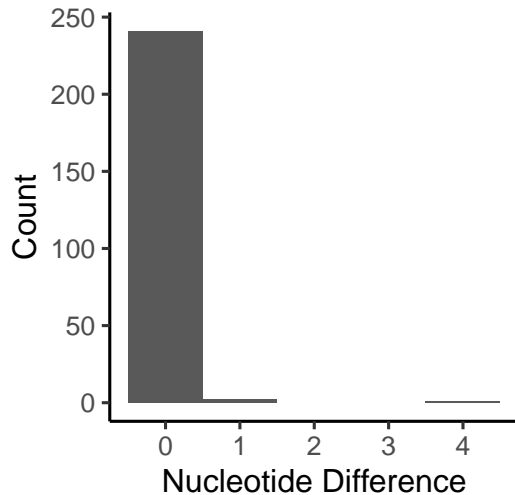
TRBV12–5*ap01

336 sequences assigned
333 (99.1%) exact matches, in which:
331 unique CDR3
13 unique J



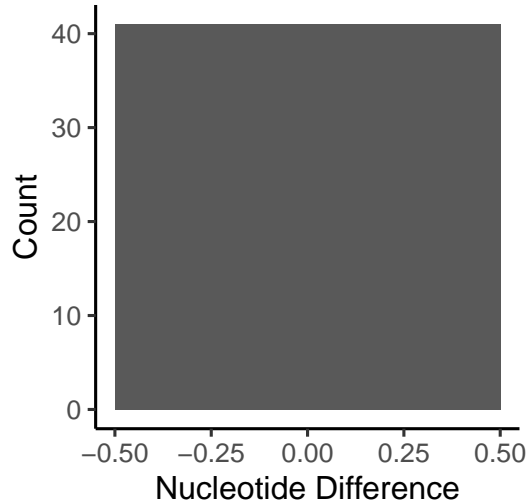
TRBV11–1*ap01

244 sequences assigned
241 (98.8%) exact matches, in which:
238 unique CDR3
13 unique J



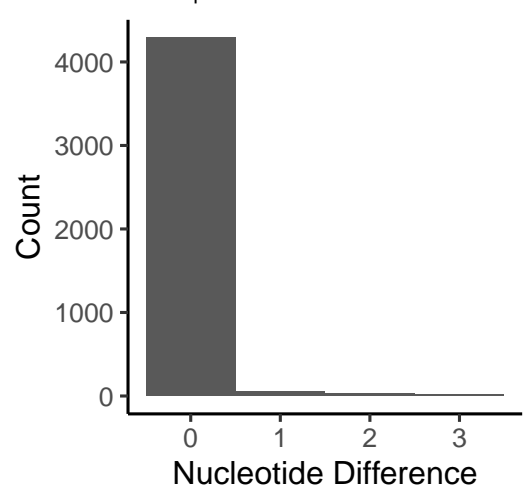
TRBV12–1*ap01

41 sequences assigned
41 (100%) exact matches, in which:
41 unique CDR3
13 unique J



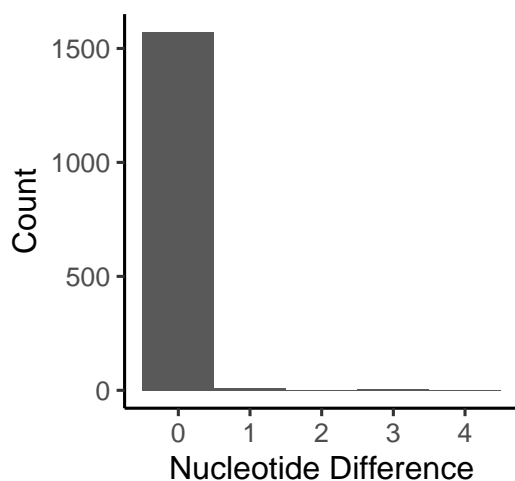
TRBV12–34*ap01

4383 sequences assigned
4290 (97.9%) exact matches, in which:
4225 unique CDR3
13 unique J



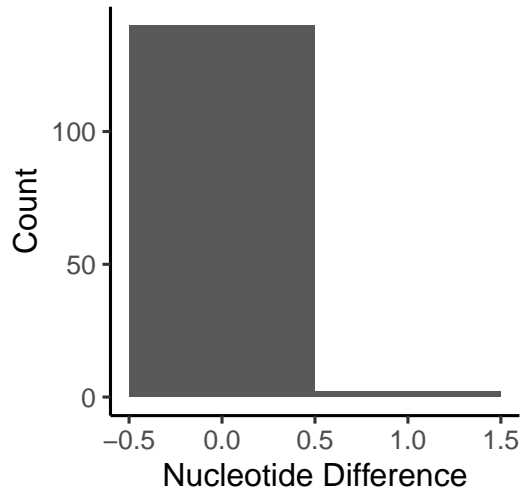
TRBV11–2*ap01

1589 sequences assigned
1572 (98.9%) exact matches, in which:
1555 unique CDR3
13 unique J



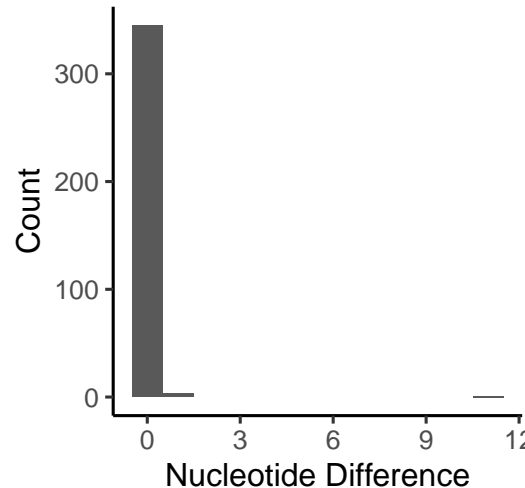
TRBV12–2*ap01

142 sequences assigned
140 (98.6%) exact matches, in which:
140 unique CDR3
13 unique J



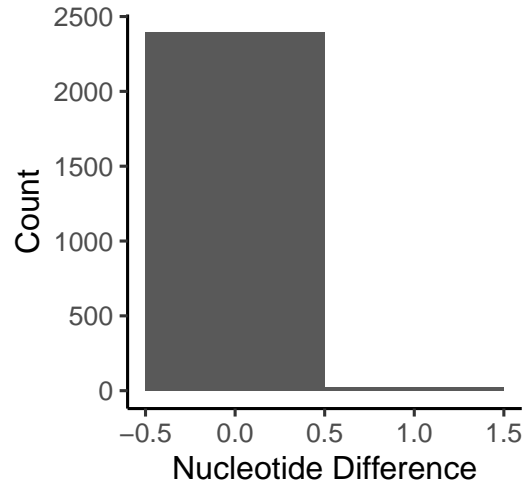
TRBV23–1*ap01

349 sequences assigned
345 (98.9%) exact matches, in which:
343 unique CDR3
13 unique J



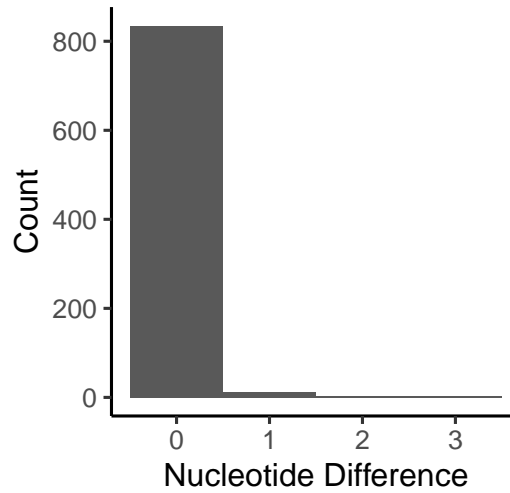
TRBV3-12*ap01

2418 sequences assigned
2394 (99%) exact matches, in which:
2361 unique CDR3
13 unique J



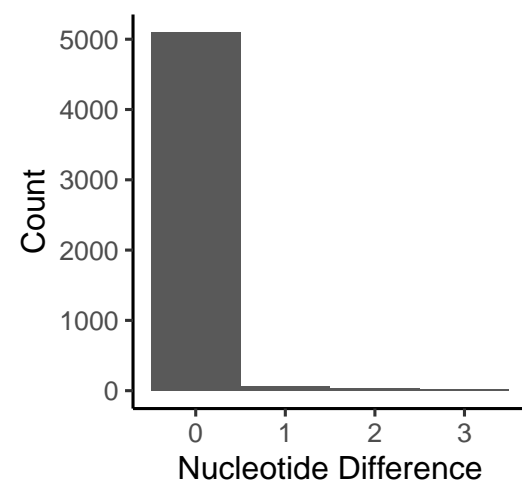
TRBV4-2*ap01

854 sequences assigned
835 (97.8%) exact matches, in which:
821 unique CDR3
13 unique J



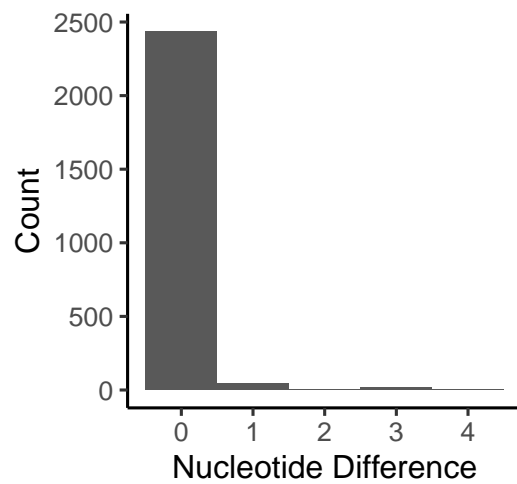
TRBV5-1*ap01

5217 sequences assigned
5097 (97.7%) exact matches, in which:
4961 unique CDR3
13 unique J



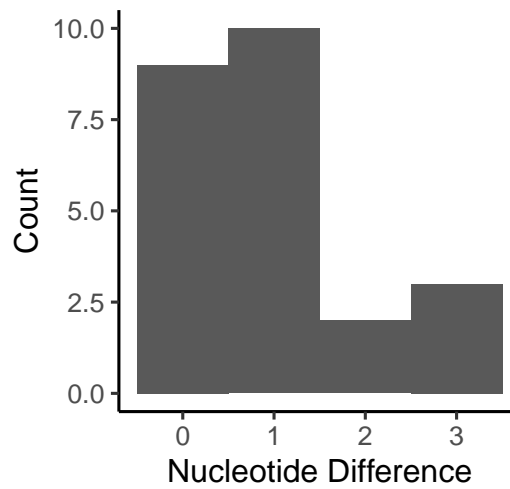
TRBV4-1*ap01

2500 sequences assigned
2434 (97.4%) exact matches, in which:
2370 unique CDR3
13 unique J



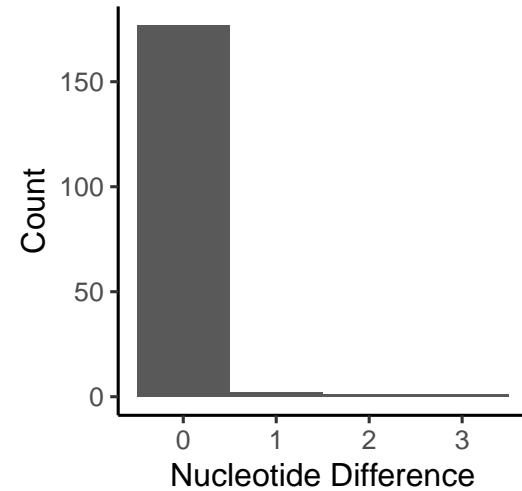
TRBV4-3*ap01

24 sequences assigned
9 (37.5%) exact matches, in which:
9 unique CDR3
5 unique J



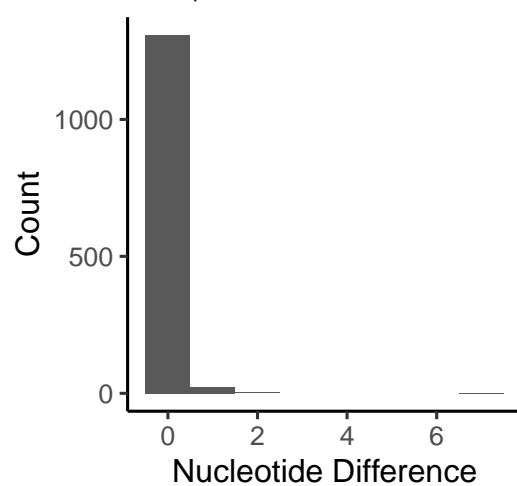
TRBV5-3*ap01

181 sequences assigned
177 (97.8%) exact matches, in which:
173 unique CDR3
13 unique J



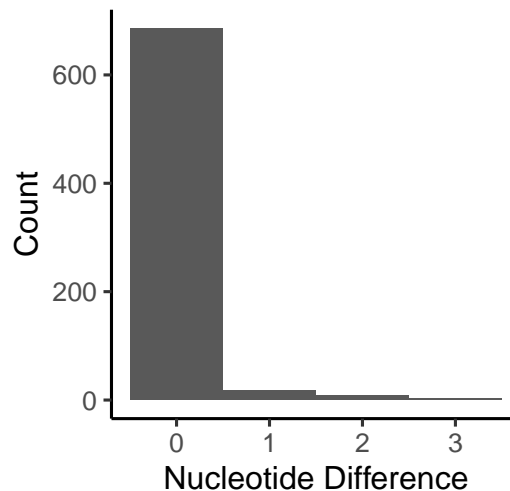
TRBV24-1*ap01

1334 sequences assigned
1308 (98.1%) exact matches, in which:
1278 unique CDR3
13 unique J



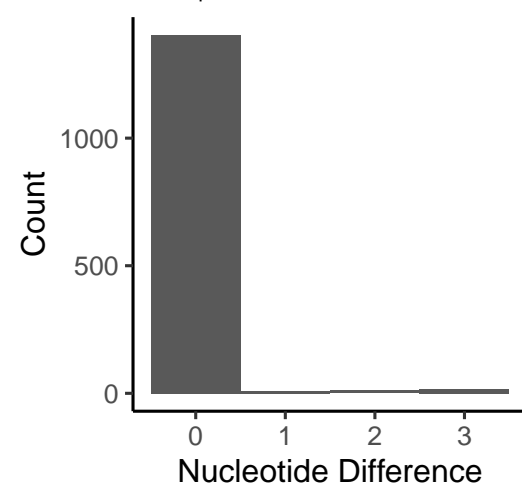
TRBV25-1*ap01

714 sequences assigned
686 (96.1%) exact matches, in which:
672 unique CDR3
13 unique J



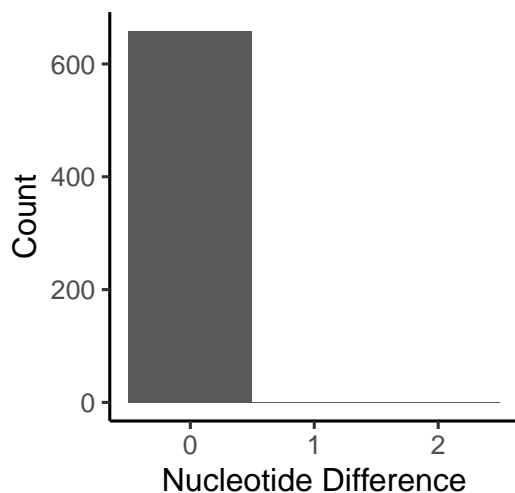
TRBV5-4*ap01

1443 sequences assigned
1404 (97.3%) exact matches, in which:
1380 unique CDR3
13 unique J



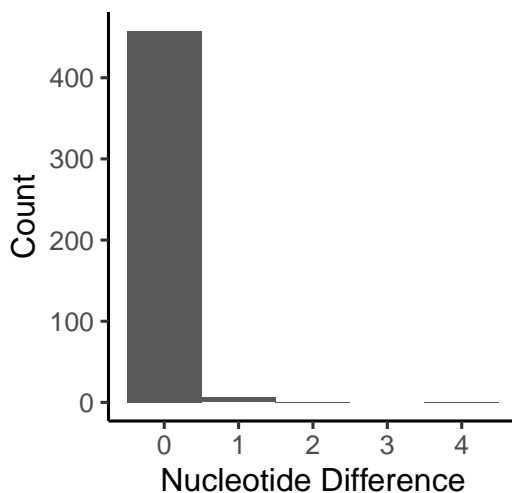
TRBV5-5*ap01

661 sequences assigned
659 (99.7%) exact matches, in which:
655 unique CDR3
12 unique J



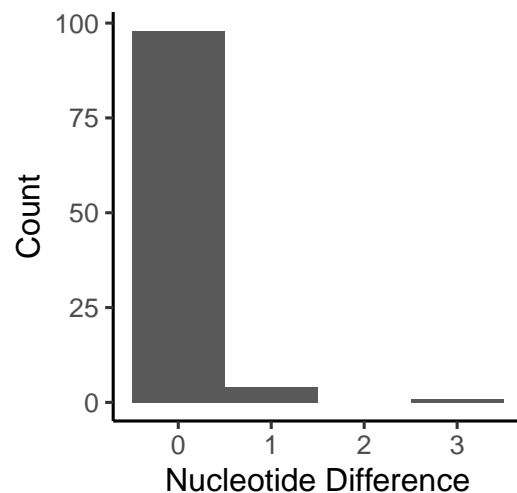
TRBV5-8*ap01

466 sequences assigned
458 (98.3%) exact matches, in which:
448 unique CDR3
13 unique J



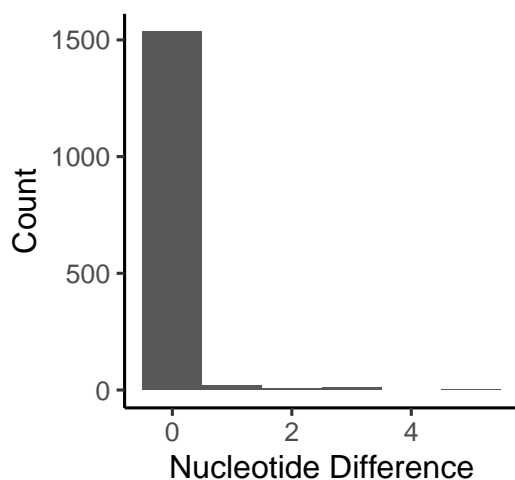
TRBV6-7*ap01

103 sequences assigned
98 (95.1%) exact matches, in which:
94 unique CDR3
13 unique J



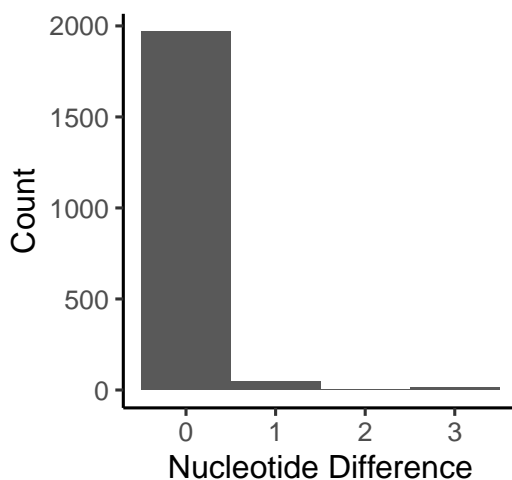
TRBV5-6*ap01

1572 sequences assigned
1535 (97.6%) exact matches, in which:
1492 unique CDR3
13 unique J



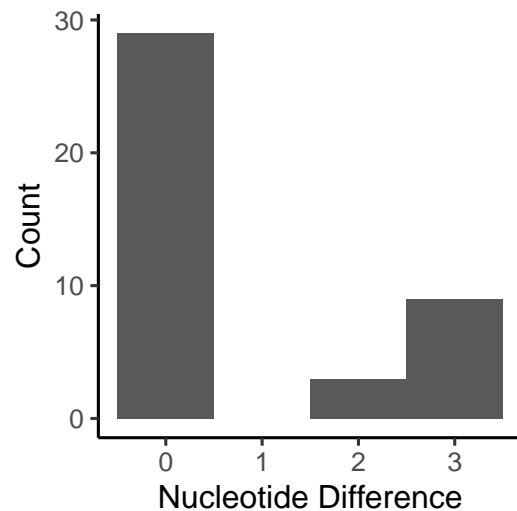
TRBV6-1*ap01

2035 sequences assigned
1968 (96.7%) exact matches, in which:
1915 unique CDR3
13 unique J



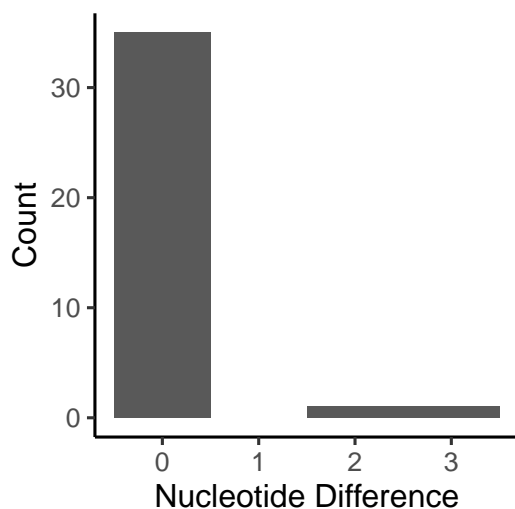
TRBV6-8*ap01

41 sequences assigned
29 (70.7%) exact matches, in which:
28 unique CDR3
8 unique J



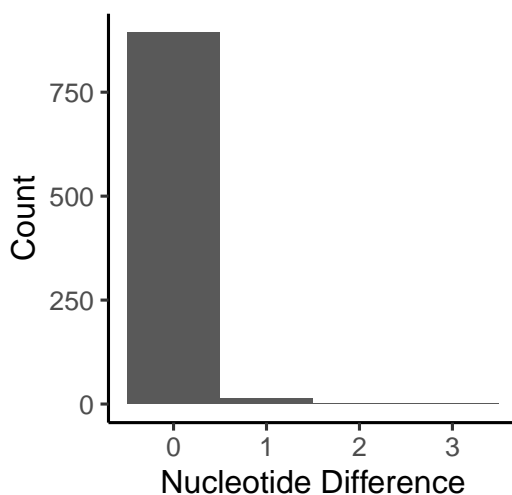
TRBV5-7*ap01

37 sequences assigned
35 (94.6%) exact matches, in which:
34 unique CDR3
11 unique J



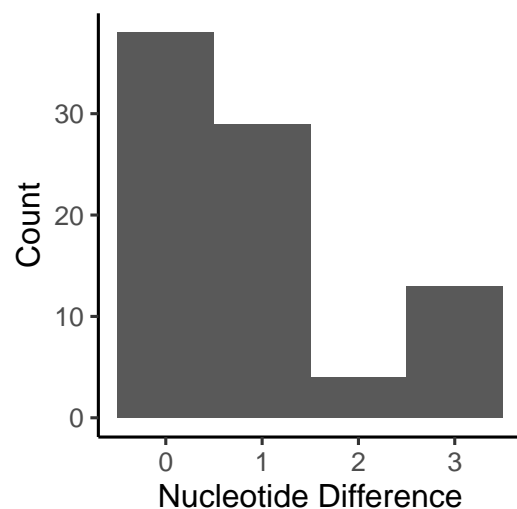
TRBV6-4*ap01

911 sequences assigned
894 (98.1%) exact matches, in which:
887 unique CDR3
13 unique J



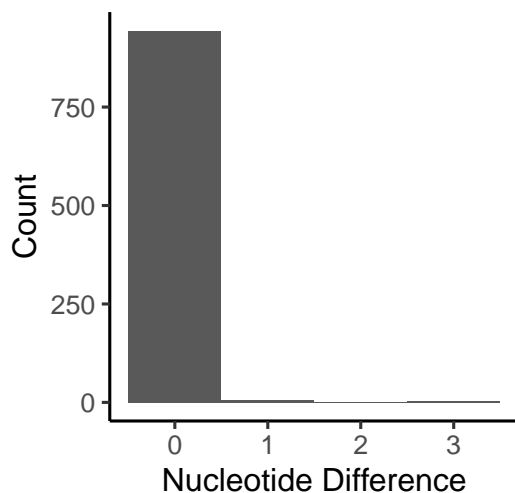
TRBV6-9*ap01

84 sequences assigned
38 (45.2%) exact matches, in which:
36 unique CDR3
11 unique J



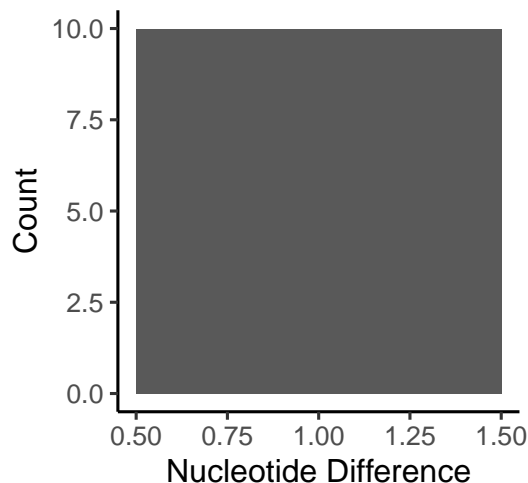
TRBV6–23*ap01

955 sequences assigned
944 (98.8%) exact matches, in which:
922 unique CDR3
13 unique J



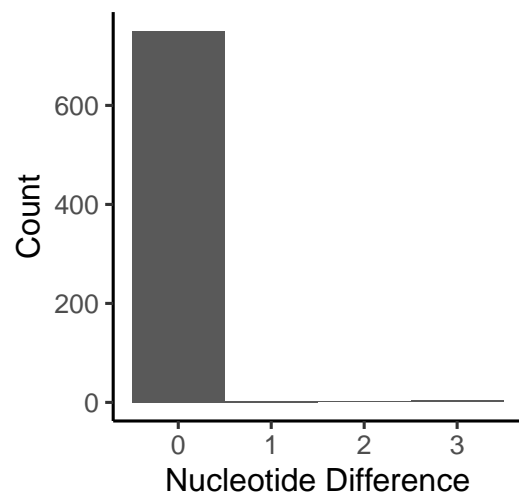
TRBV7–1*ap01_T296C

10 sequences assigned
No exact matches.



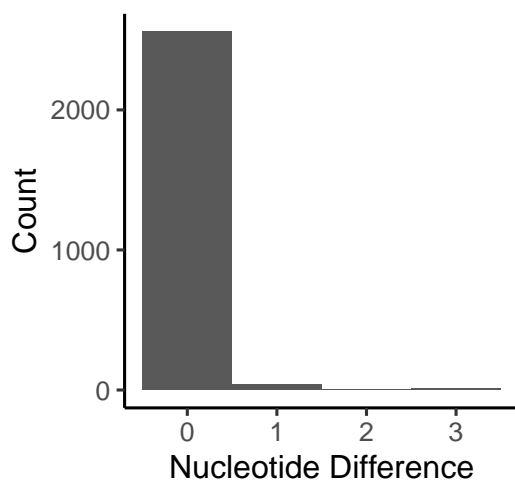
TRBV7–3*ap01

760 sequences assigned
751 (98.8%) exact matches, in which:
742 unique CDR3
13 unique J



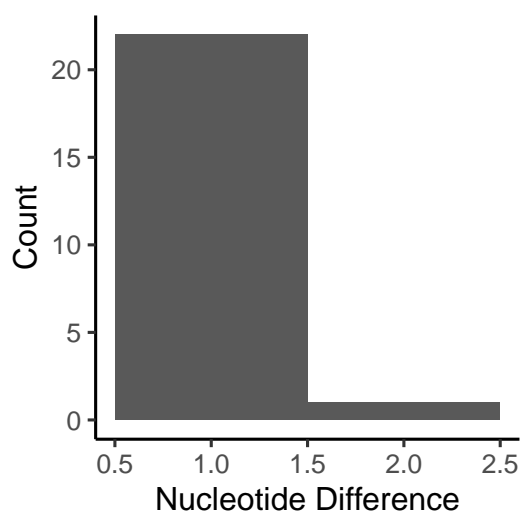
TRBV6–56*ap01

2612 sequences assigned
2558 (97.9%) exact matches, in which:
2499 unique CDR3
13 unique J



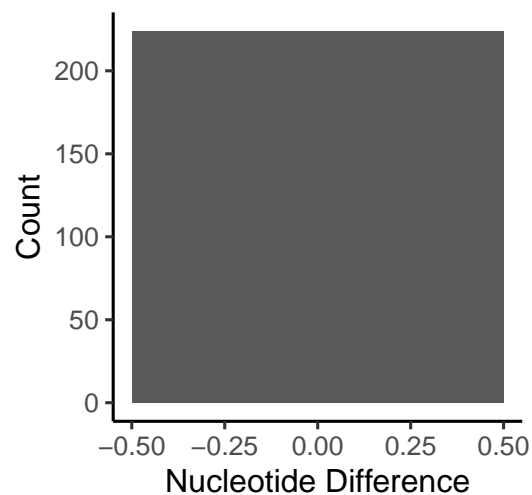
TRBV7–1*ap01_T296C_C

23 sequences assigned
No exact matches.



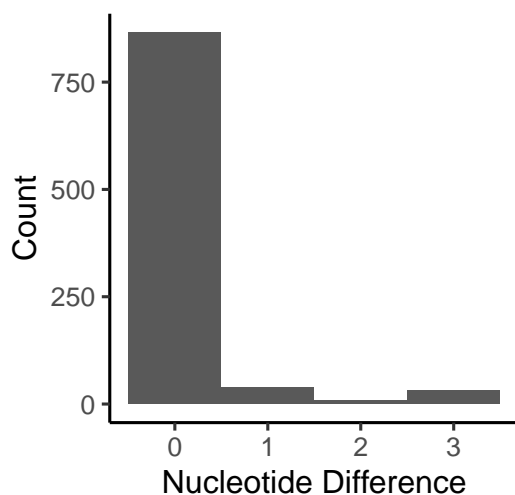
TRBV7–3*ap03

224 sequences assigned
224 (100%) exact matches, in which:
216 unique CDR3
13 unique J



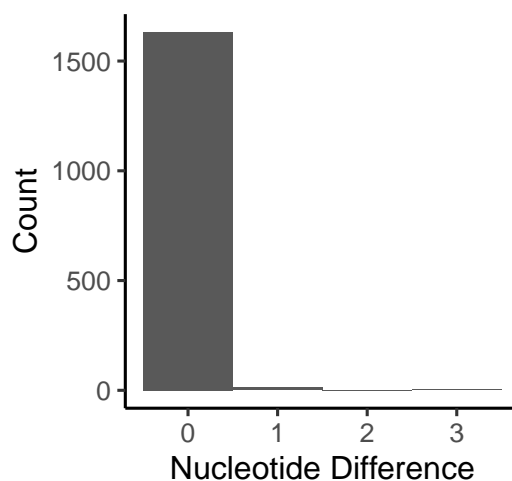
TRBV6–56*ap02

945 sequences assigned
866 (91.6%) exact matches, in which:
837 unique CDR3
13 unique J



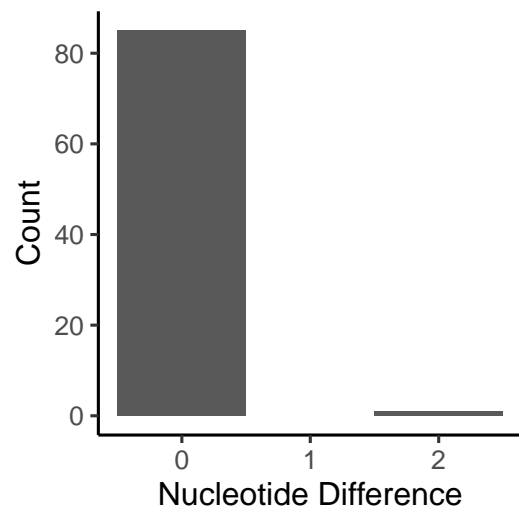
TRBV7–2*ap01

1651 sequences assigned
1632 (98.8%) exact matches, in which:
1604 unique CDR3
13 unique J



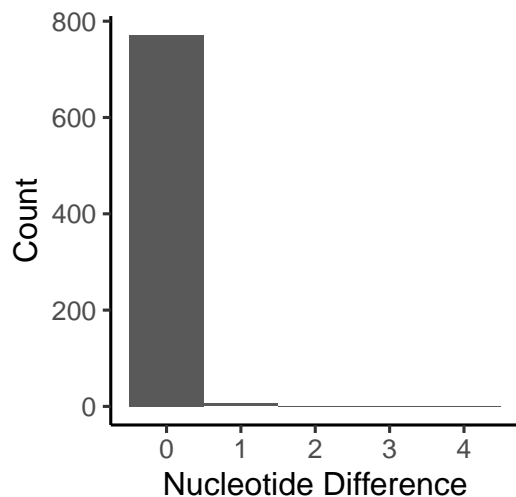
TRBV7–4*ap01

86 sequences assigned
85 (98.8%) exact matches, in which:
82 unique CDR3
13 unique J



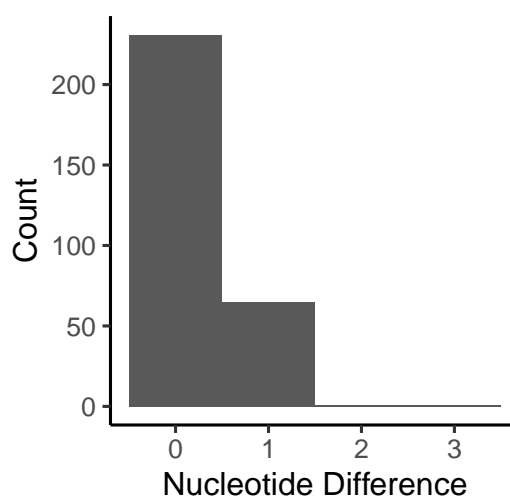
TRBV7-6*ap01

781 sequences assigned
772 (98.8%) exact matches, in which:
760 unique CDR3
13 unique J



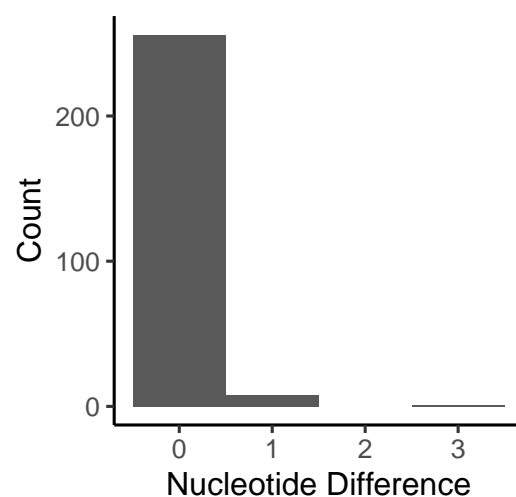
TRBV7-8*ap03

298 sequences assigned
231 (77.5%) exact matches, in which:
225 unique CDR3
13 unique J



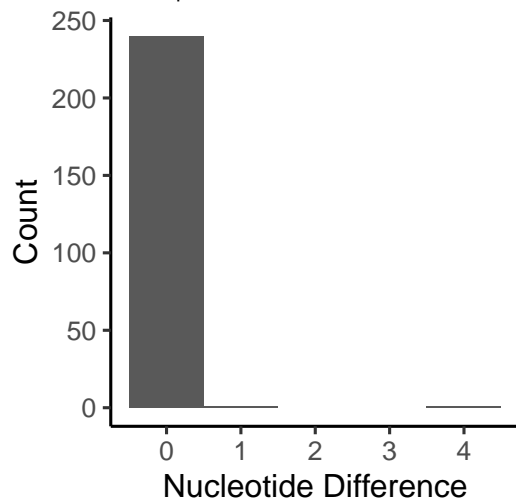
TRBV29-1*ap02

265 sequences assigned
256 (96.6%) exact matches, in which:
254 unique CDR3
13 unique J



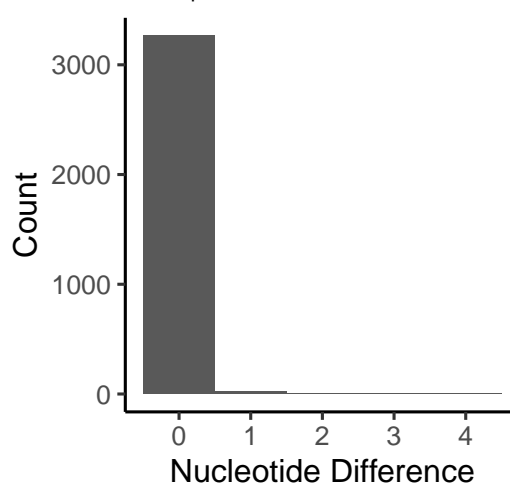
TRBV7-7*ap01

242 sequences assigned
240 (99.2%) exact matches, in which:
235 unique CDR3
13 unique J



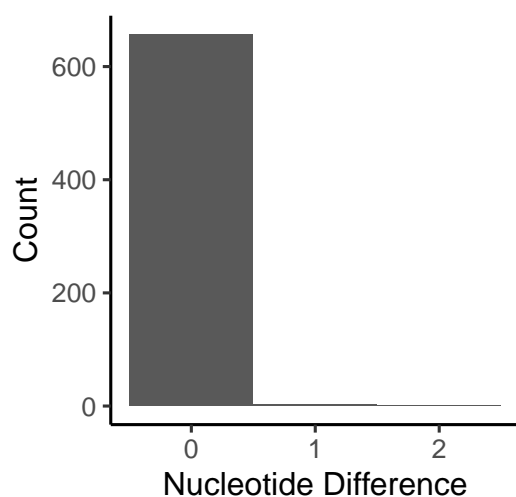
TRBV7-9*ap01

3305 sequences assigned
3265 (98.8%) exact matches, in which:
3212 unique CDR3
13 unique J



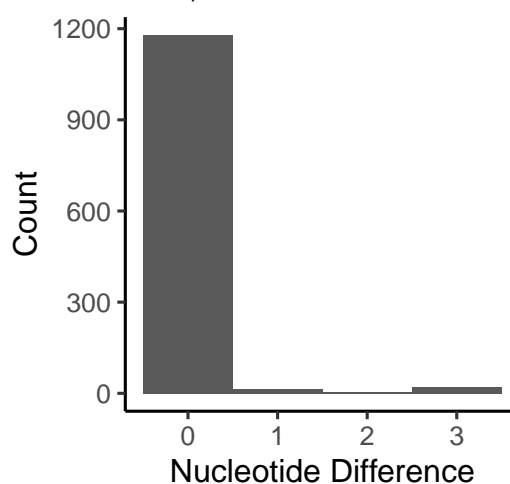
TRBV7-8*ap01

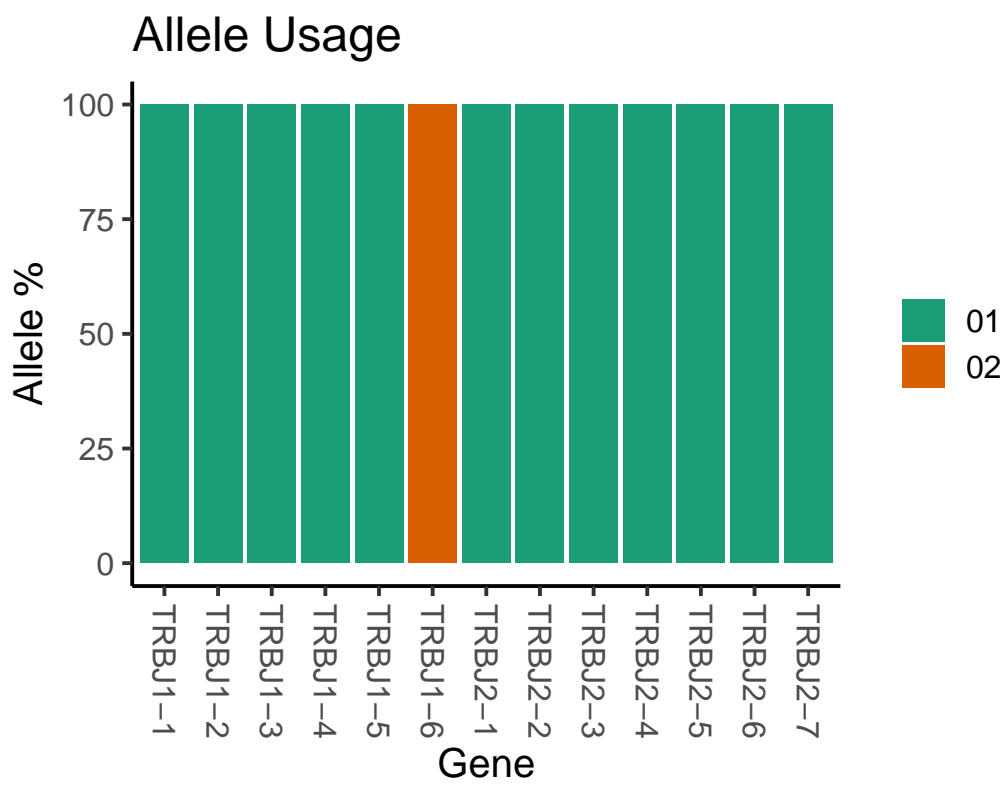
661 sequences assigned
657 (99.4%) exact matches, in which:
648 unique CDR3
13 unique J



TRBV29-1*ap01

1218 sequences assigned
1179 (96.8%) exact matches, in which:
1152 unique CDR3
13 unique J





Warning – no inferred sequences found.

Warning – no inferred sequences found.