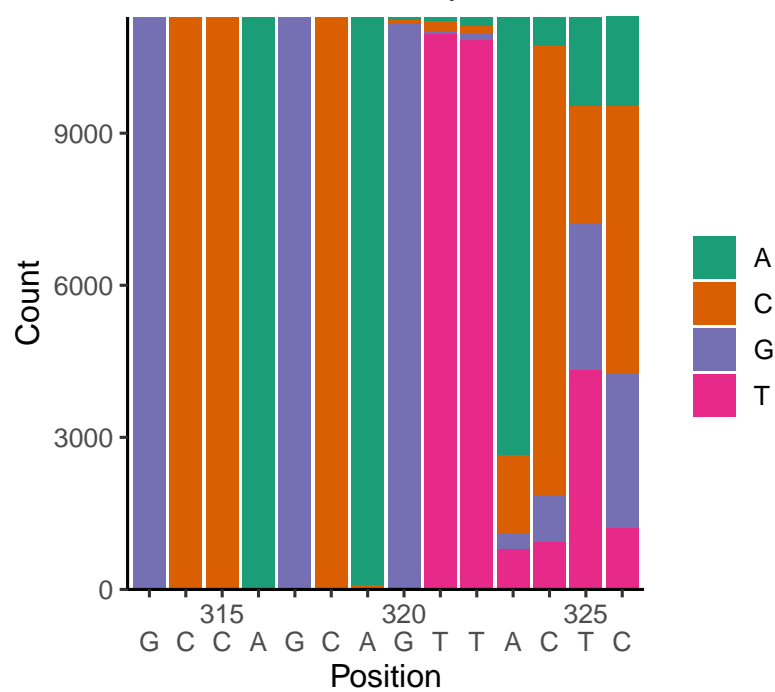
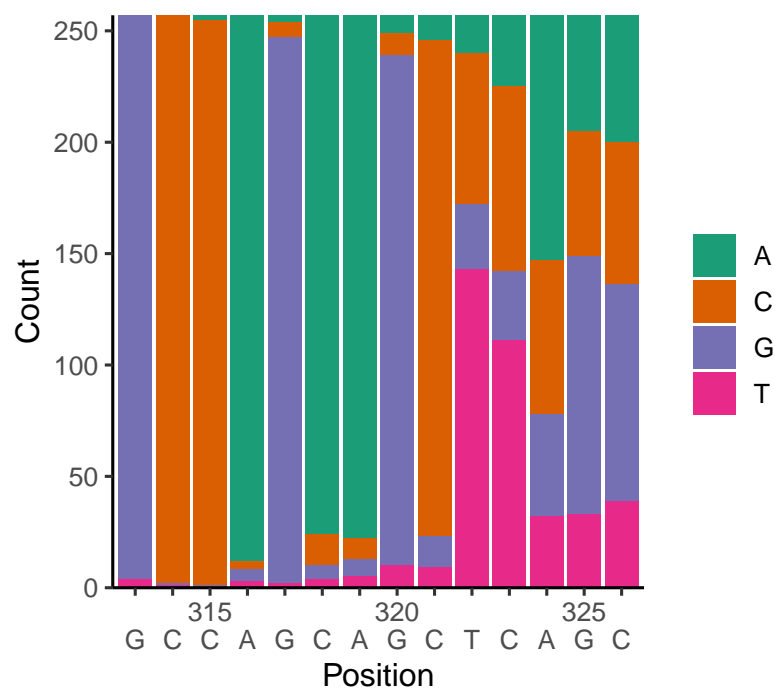


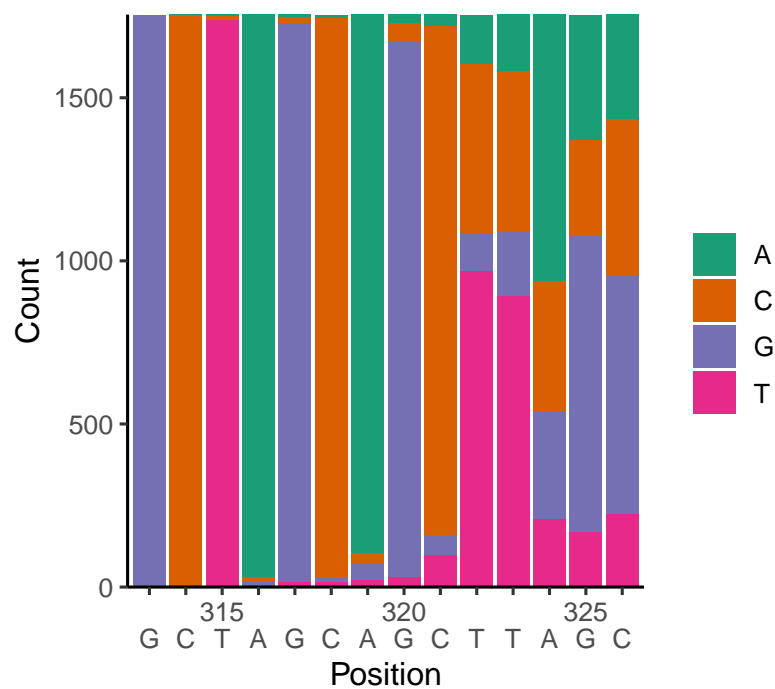
Gene TRBV6-56*ap01_327326



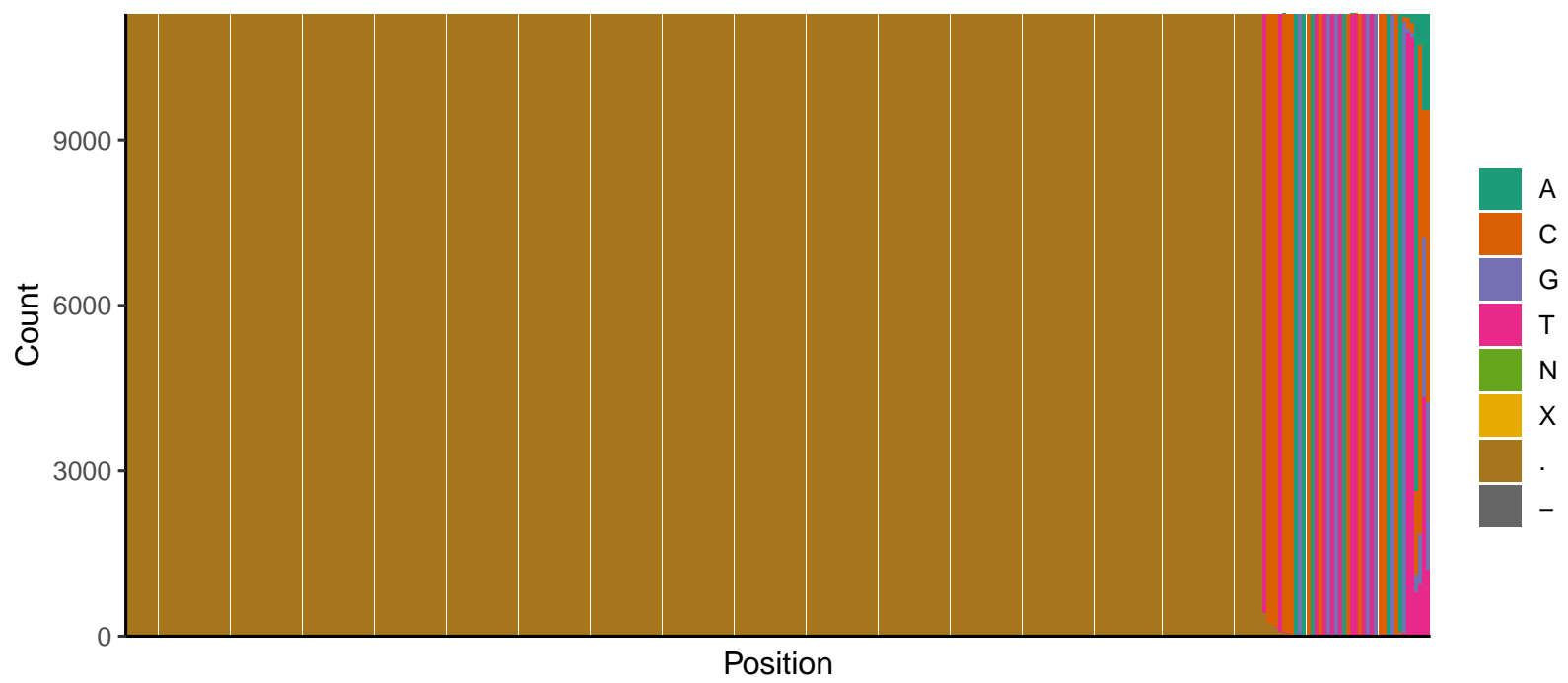
Gene TRBV7-1*ap01_G291C_T296C



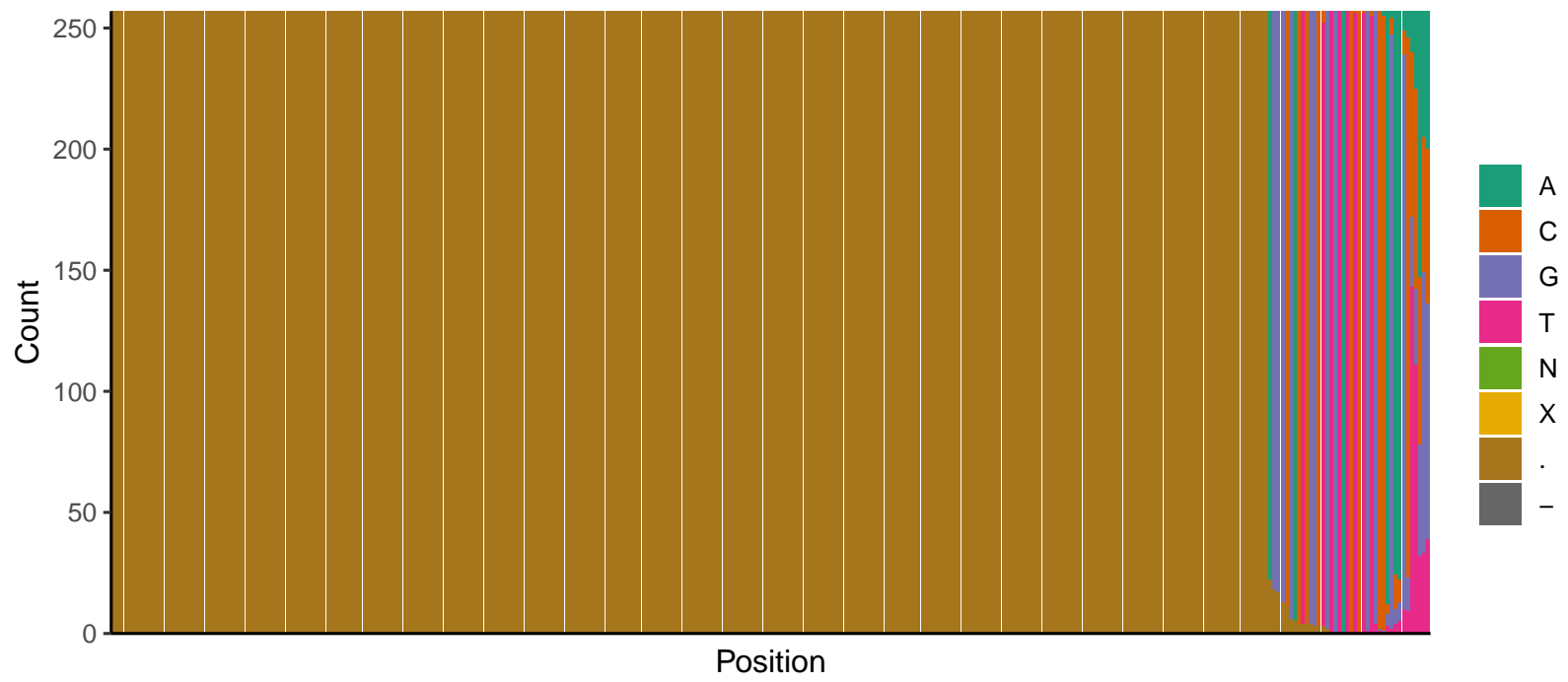
Gene TRBV7-7*ap01_C315T



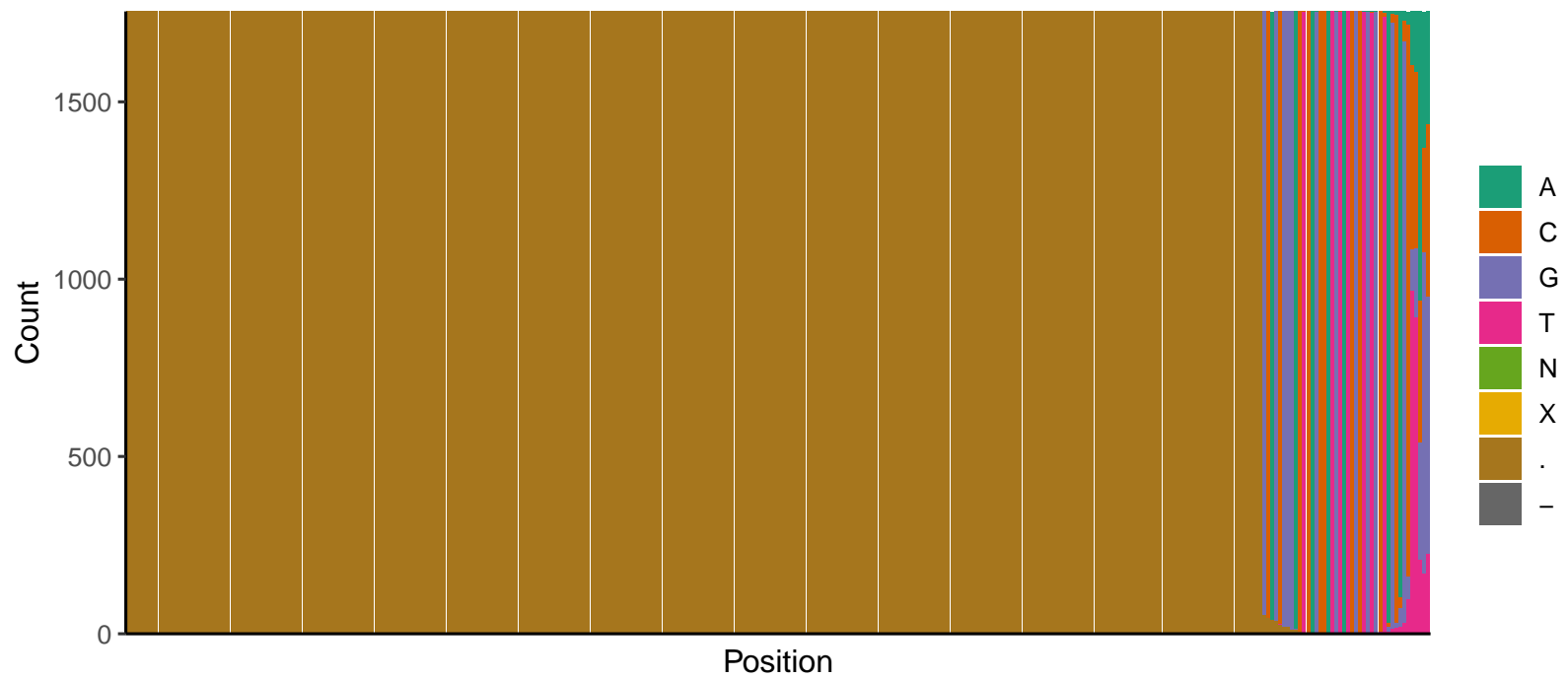
Gene TRBV6-56*ap01_327326



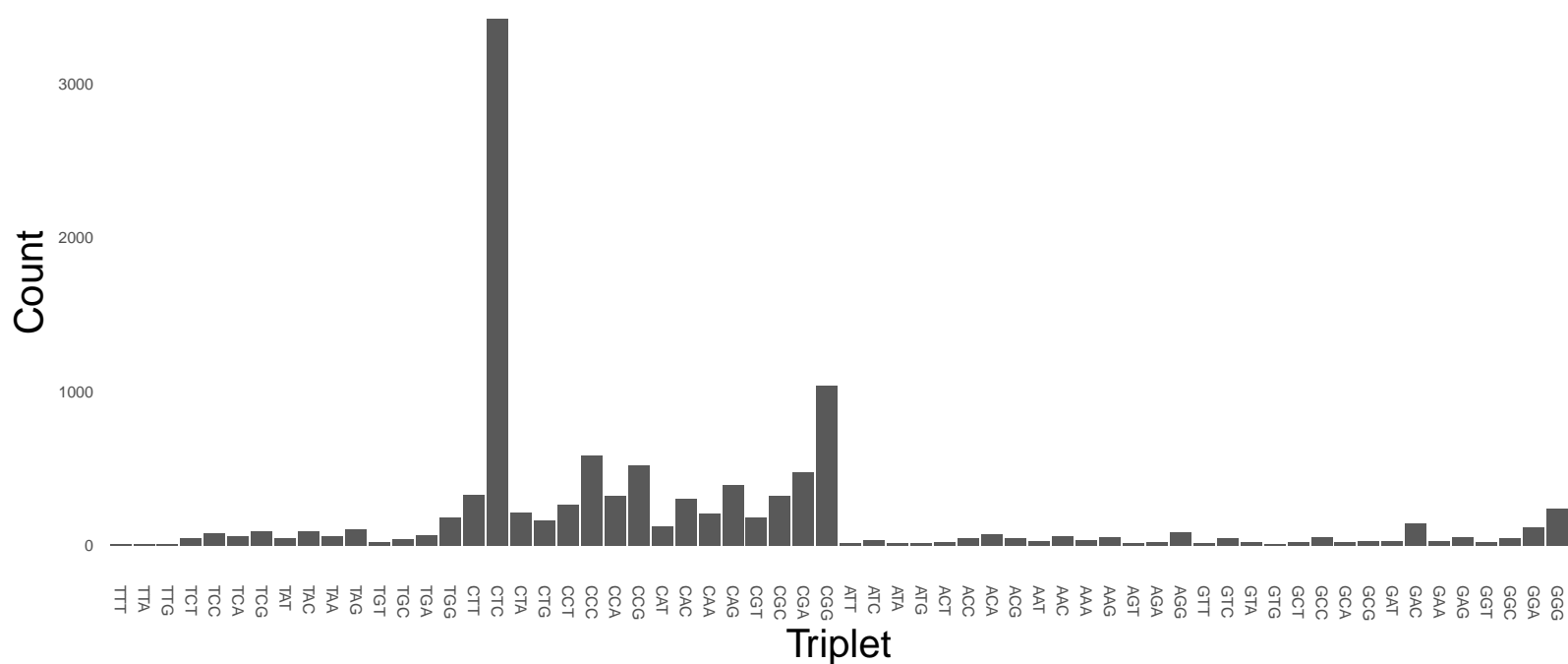
Gene TRBV7-1*ap01_G291C_T296C



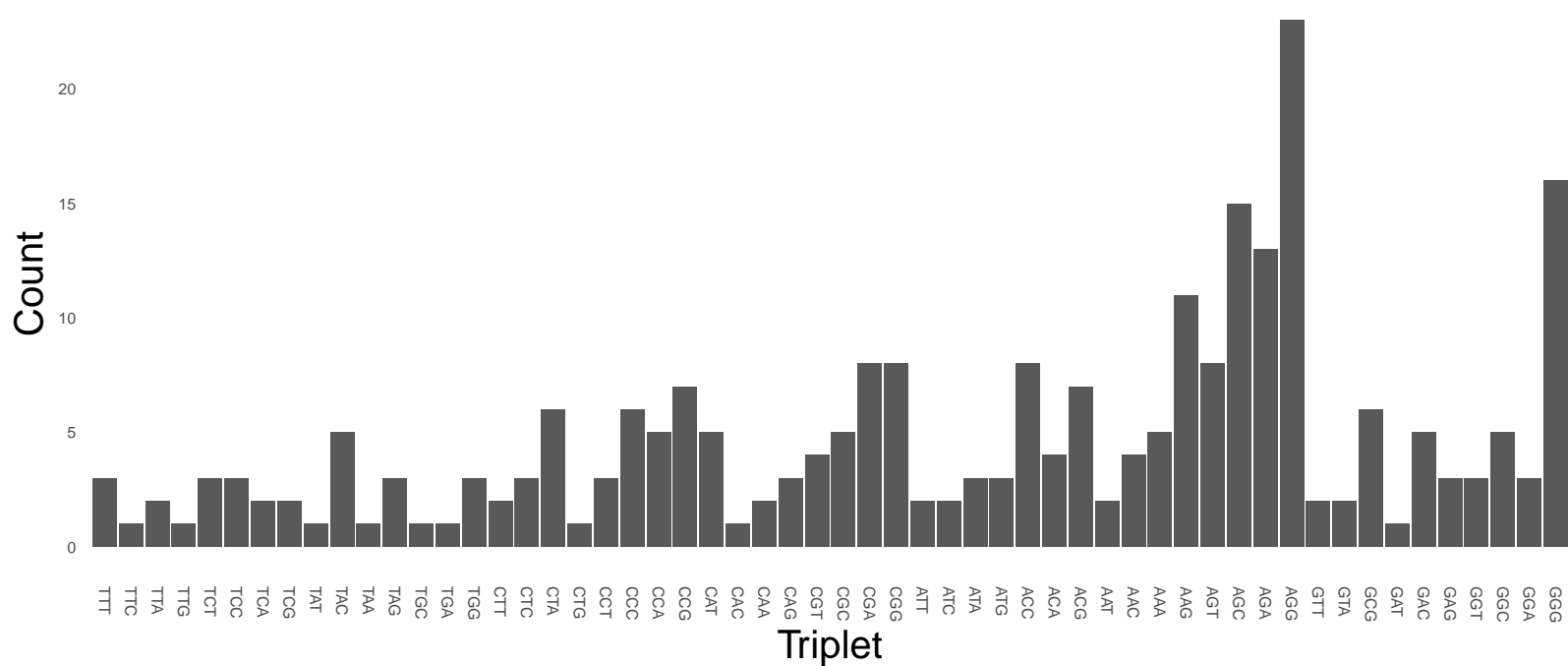
Gene TRBV7-7*ap01_C315T



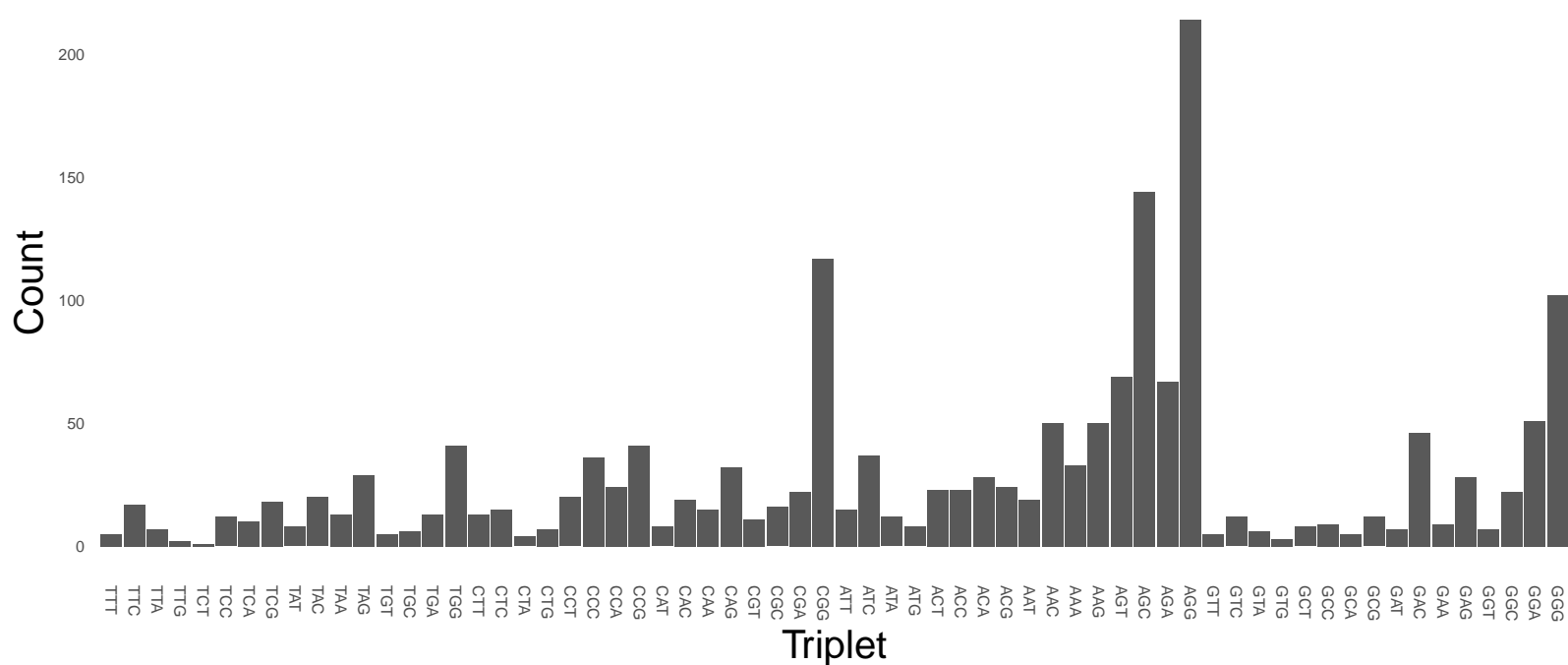
TRBV6–56*ap01_327326– Final 3 nucleotides as a triplet



TRBV7–1*ap01_G291C_T296C– Final 3 nucleotides as a triplet

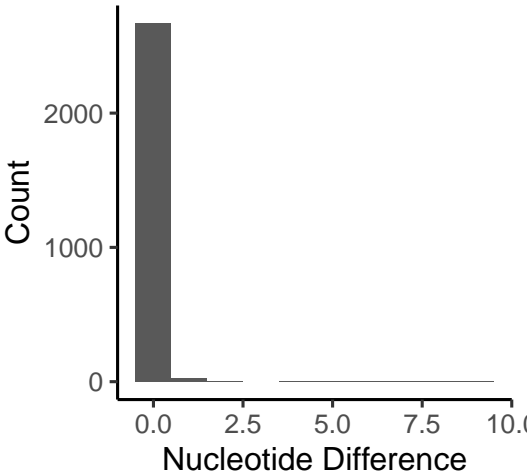


TRBV7–7*ap01_C315T– Final 3 nucleotides as a triplet



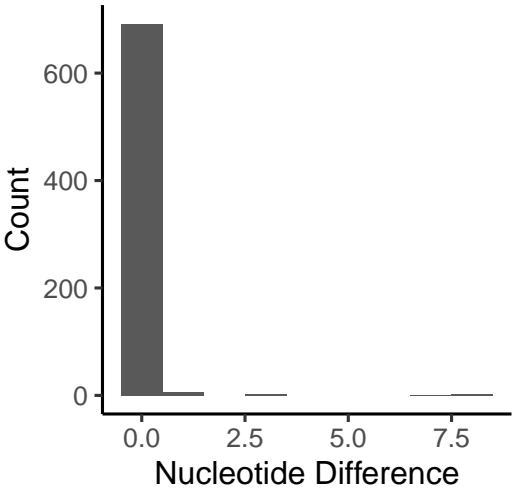
TRBV10-1*ap01

2701 sequences assigned
2668 (98.8%) exact matches, in which:
2601 unique CDR3
13 unique J



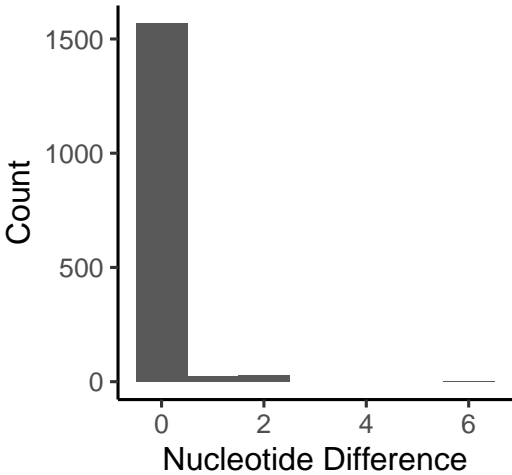
TRBV10-2*ap01

703 sequences assigned
692 (98.4%) exact matches, in which:
679 unique CDR3
13 unique J



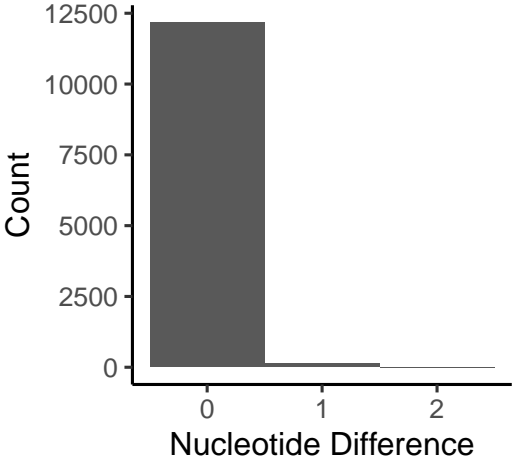
TRBV13*ap01

1623 sequences assigned
1568 (96.6%) exact matches, in which:
1521 unique CDR3
13 unique J



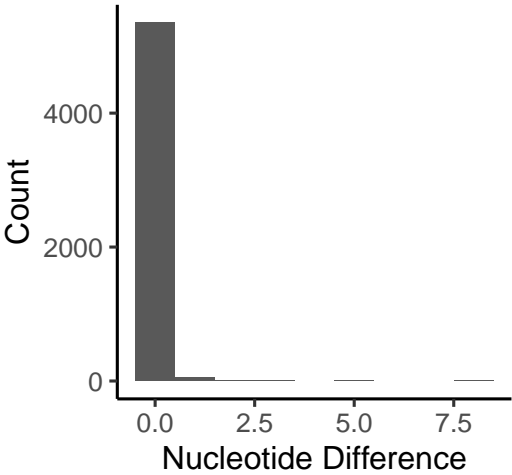
TRBV20-1*ap01

12308 sequences assigned
12174 (98.9%) exact matches, in which:
11992 unique CDR3
13 unique J



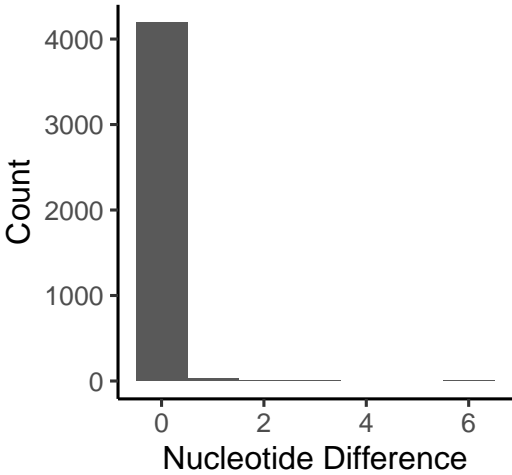
TRBV10-3*ap01

5409 sequences assigned
5350 (98.9%) exact matches, in which:
5224 unique CDR3
14 unique J



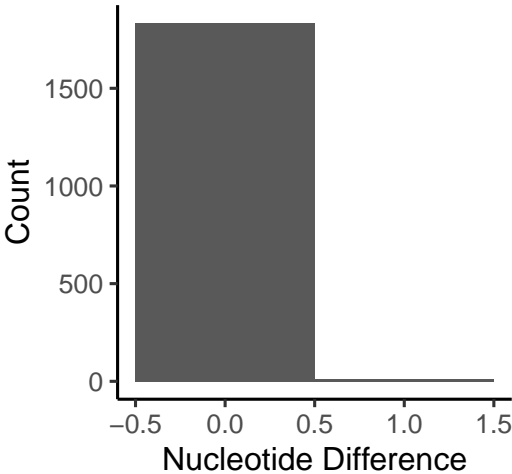
TRBV14*ap01

4229 sequences assigned
4191 (99.1%) exact matches, in which:
4106 unique CDR3
13 unique J



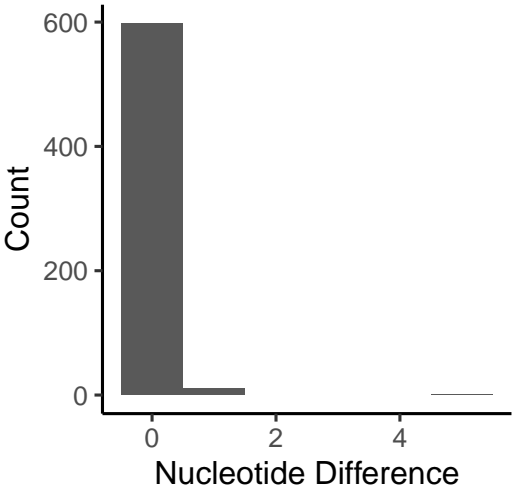
TRBV20-1*ap02

1847 sequences assigned
1834 (99.3%) exact matches, in which:
1811 unique CDR3
13 unique J



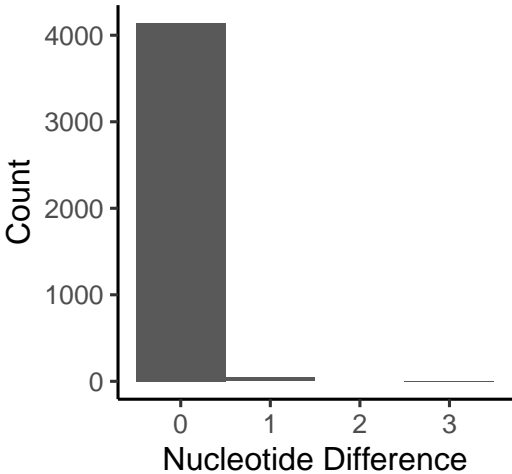
TRBV1*ap01

610 sequences assigned
598 (98%) exact matches, in which:
587 unique CDR3
13 unique J



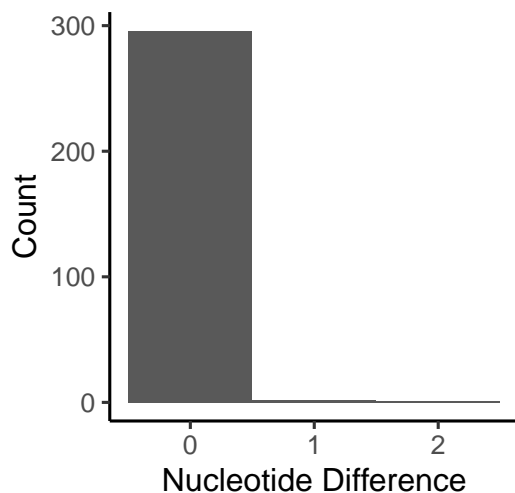
TRBV15*ap02

4185 sequences assigned
4141 (98.9%) exact matches, in which:
4040 unique CDR3
13 unique J



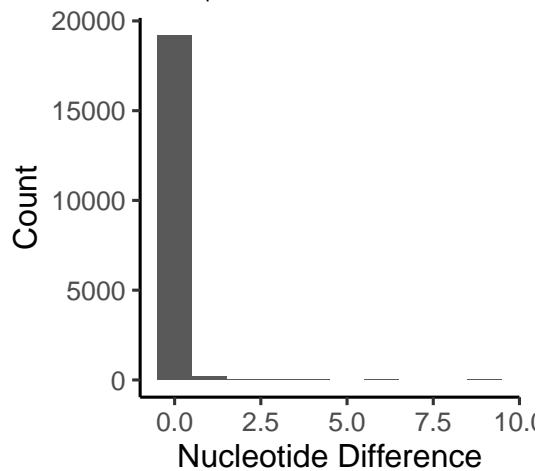
TRBV16*ap01

299 sequences assigned
296 (99%) exact matches, in which:
292 unique CDR3
13 unique J



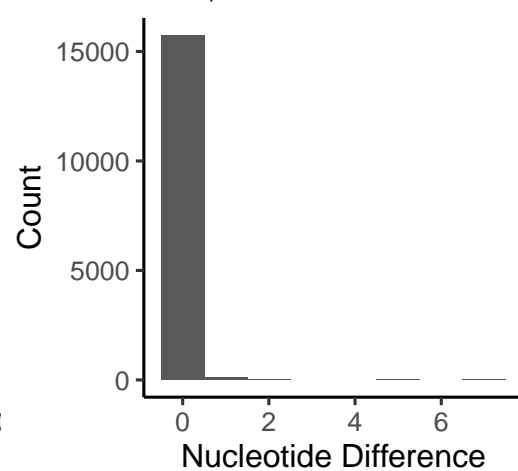
TRBV19*ap01

19399 sequences assigned
19207 (99%) exact matches, in which:
18988 unique CDR3
13 unique J



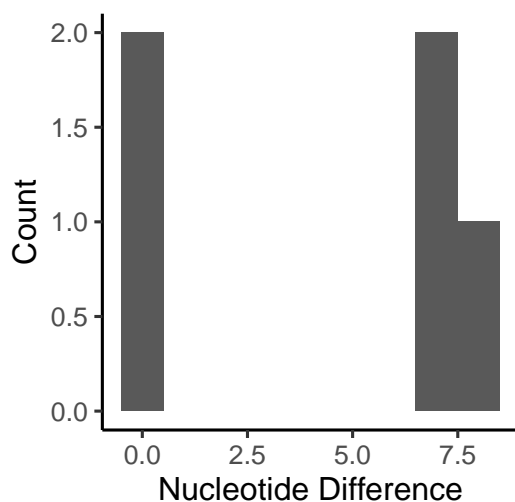
TRBV28*ap01

15872 sequences assigned
15745 (99.2%) exact matches, in which:
15420 unique CDR3
13 unique J



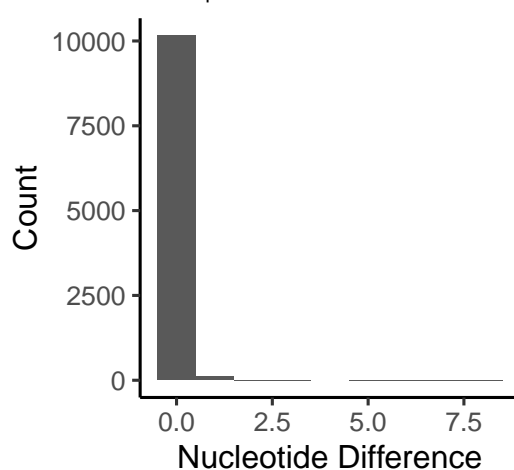
TRBV17*ap01

5 sequences assigned
2 (40%) exact matches, in which:
2 unique CDR3
2 unique J



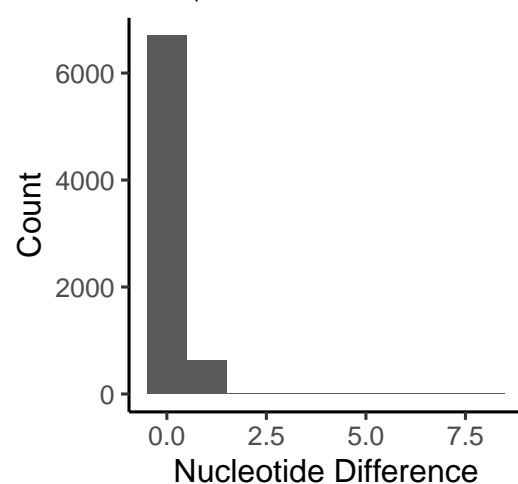
TRBV2*ap01

10277 sequences assigned
10162 (98.9%) exact matches, in which:
9933 unique CDR3
13 unique J



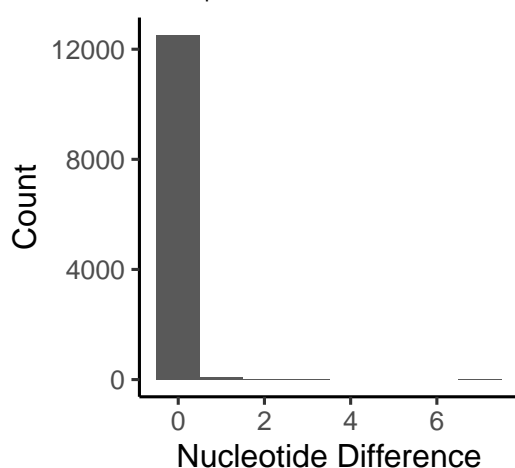
TRBV30*ap01

7350 sequences assigned
6698 (91.1%) exact matches, in which:
6556 unique CDR3
13 unique J



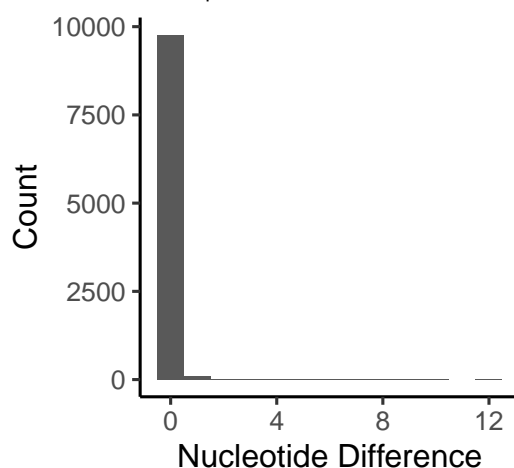
TRBV18*ap01

12606 sequences assigned
12524 (99.3%) exact matches, in which:
12369 unique CDR3
13 unique J



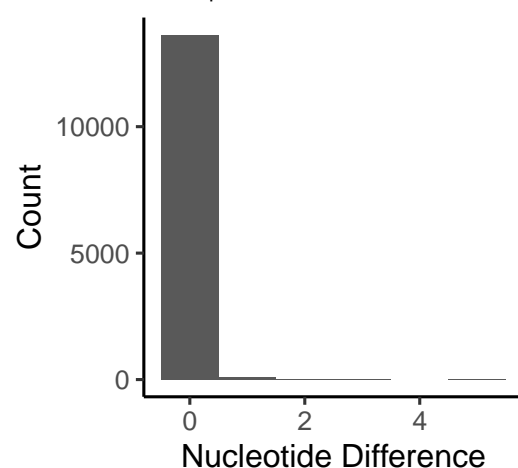
TRBV27*ap01

9882 sequences assigned
9770 (98.9%) exact matches, in which:
9538 unique CDR3
13 unique J



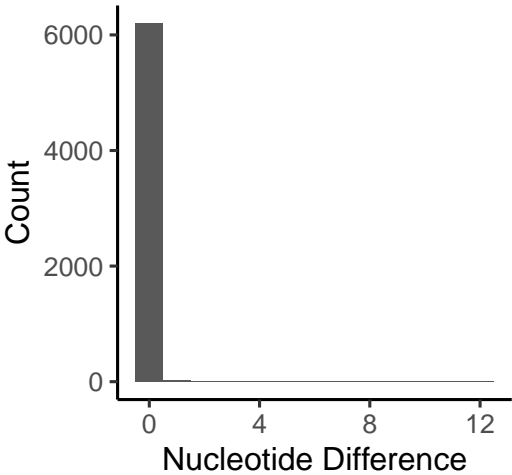
TRBV9*ap01

13751 sequences assigned
13633 (99.1%) exact matches, in which:
13420 unique CDR3
13 unique J



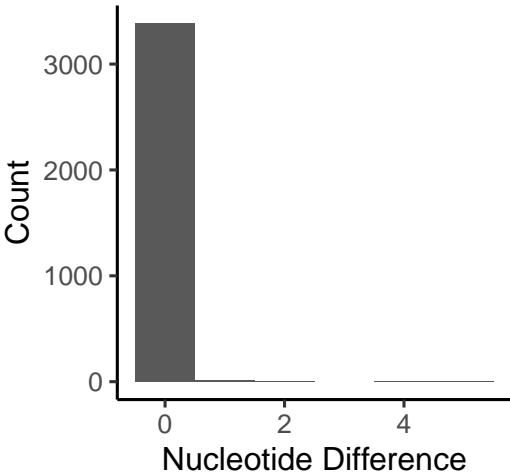
TRBV21-1*ap01

6284 sequences assigned
6199 (98.6%) exact matches, in which:
6123 unique CDR3
13 unique J



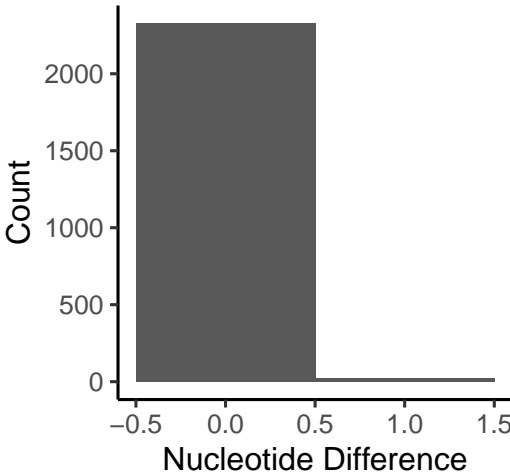
TRBV11-3*ap01

3400 sequences assigned
3384 (99.5%) exact matches, in which:
3353 unique CDR3
13 unique J



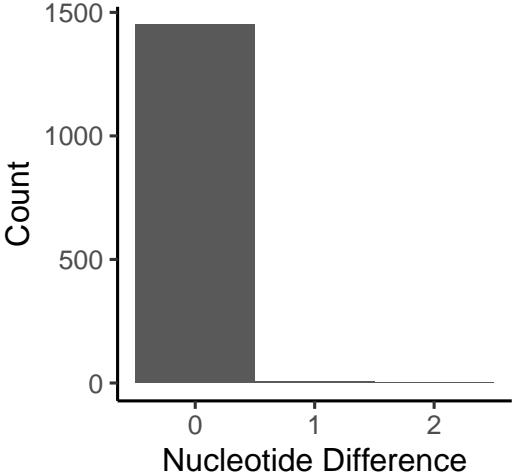
TRBV12-5*ap01

2348 sequences assigned
2327 (99.1%) exact matches, in which:
2293 unique CDR3
13 unique J



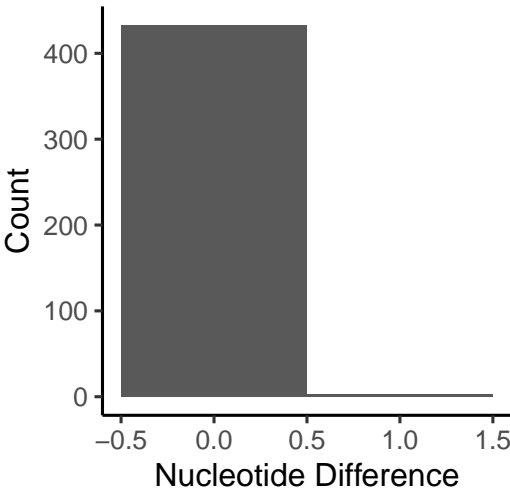
TRBV11-1*ap01

1457 sequences assigned
1450 (99.5%) exact matches, in which:
1435 unique CDR3
13 unique J



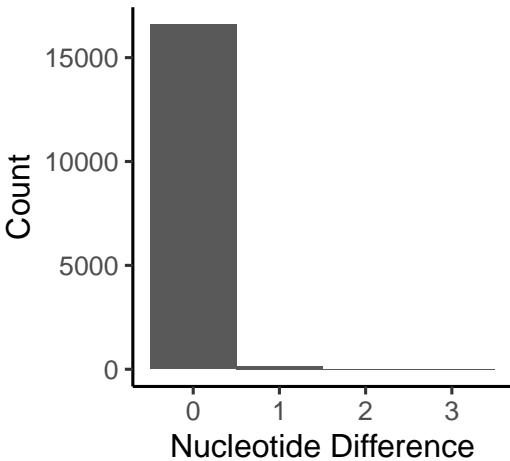
TRBV12-1*ap01

436 sequences assigned
433 (99.3%) exact matches, in which:
426 unique CDR3
13 unique J



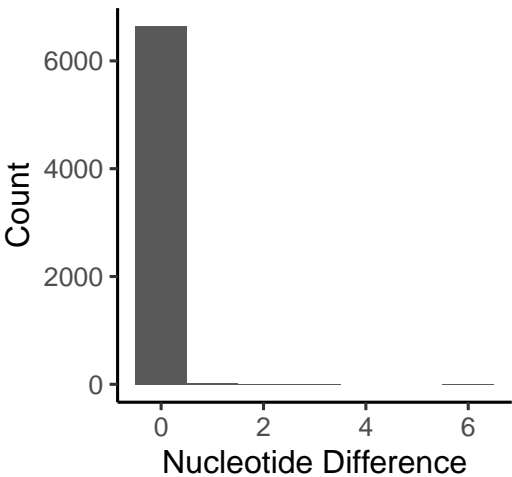
TRBV12-34*ap01

16774 sequences assigned
16596 (98.9%) exact matches, in which:
16268 unique CDR3
13 unique J



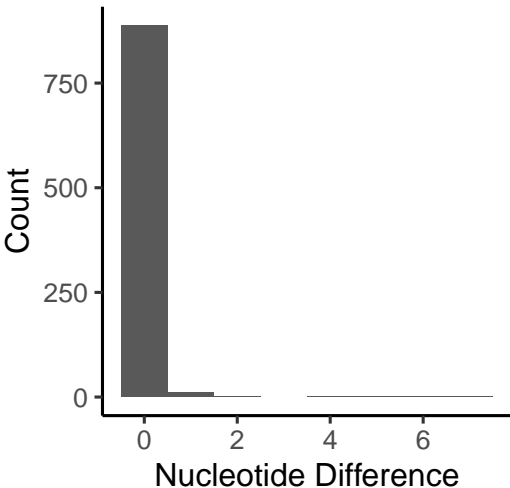
TRBV11-2*ap01

6673 sequences assigned
6646 (99.6%) exact matches, in which:
6579 unique CDR3
13 unique J



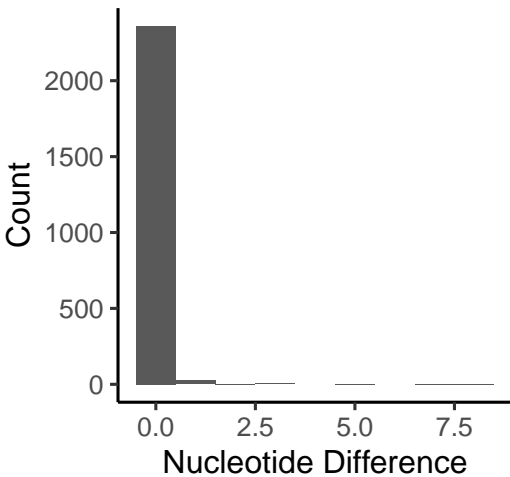
TRBV12-2*ap01

905 sequences assigned
888 (98.1%) exact matches, in which:
871 unique CDR3
13 unique J



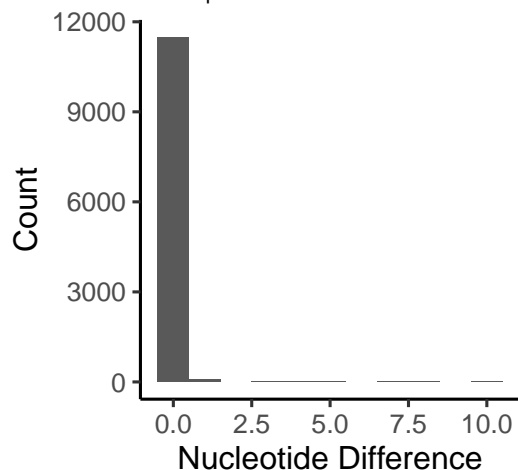
TRBV23-1*ap01

2395 sequences assigned
2360 (98.5%) exact matches, in which:
2315 unique CDR3
13 unique J



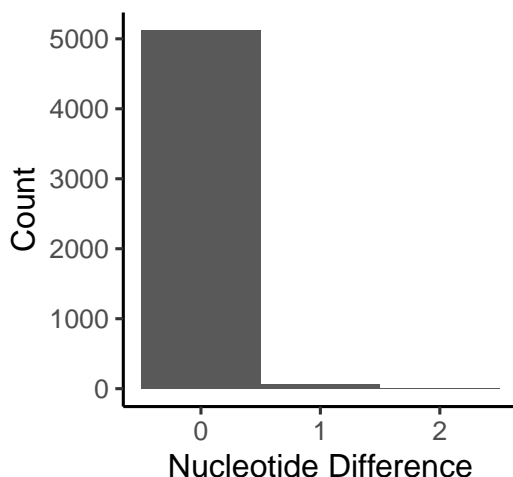
TRBV3–12*ap01

11586 sequences assigned
11488 (99.2%) exact matches, in which:
11326 unique CDR3
13 unique J



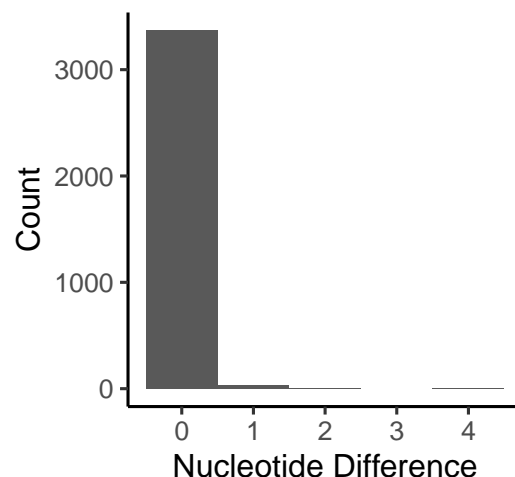
TRBV4–2*ap01

5185 sequences assigned
5120 (98.7%) exact matches, in which:
4995 unique CDR3
13 unique J



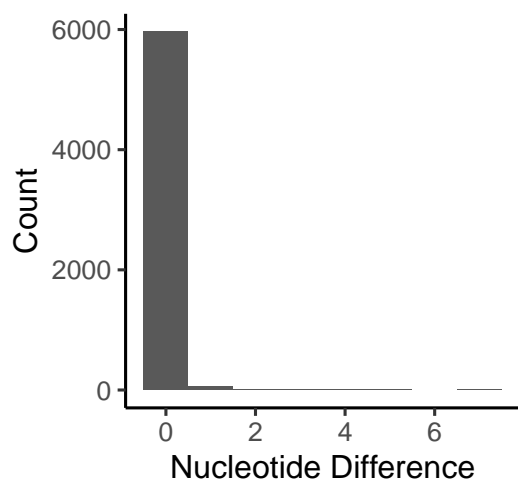
TRBV25–1*ap01

3407 sequences assigned
3369 (98.9%) exact matches, in which:
3288 unique CDR3
13 unique J



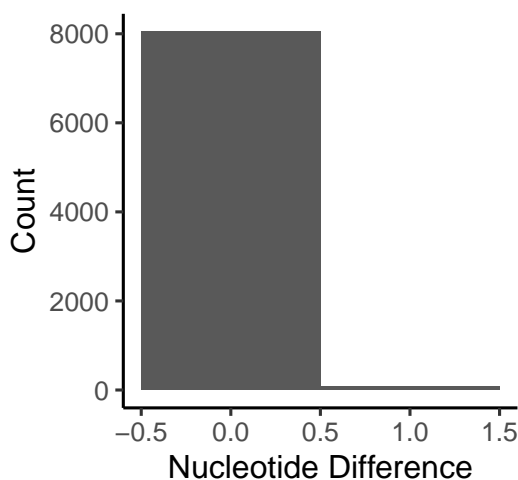
TRBV4–1*ap01

6028 sequences assigned
5963 (98.9%) exact matches, in which:
5825 unique CDR3
13 unique J



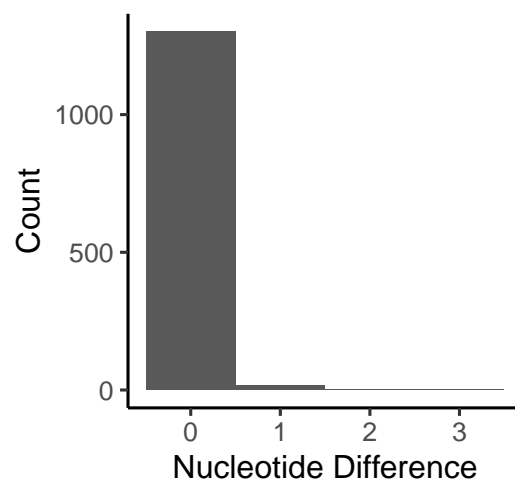
TRBV4–3*ap01

8135 sequences assigned
8046 (98.9%) exact matches, in which:
7867 unique CDR3
13 unique J



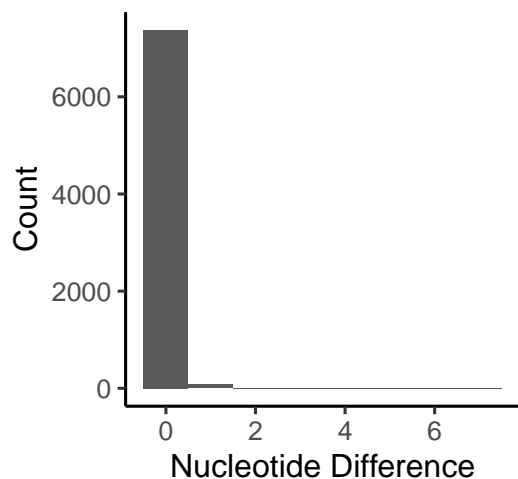
TRBV5–3*ap01

1322 sequences assigned
1301 (98.4%) exact matches, in which:
1271 unique CDR3
13 unique J



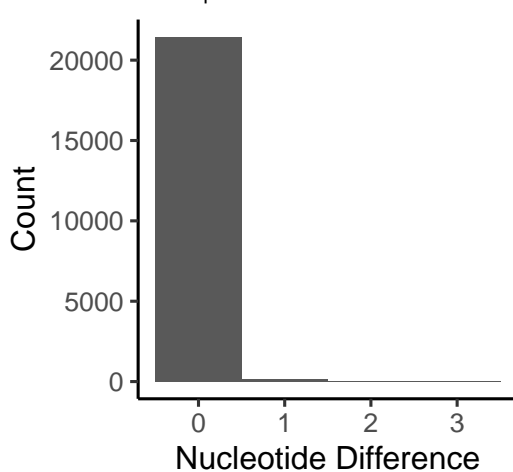
TRBV24–1*ap01

7466 sequences assigned
7374 (98.8%) exact matches, in which:
7200 unique CDR3
13 unique J



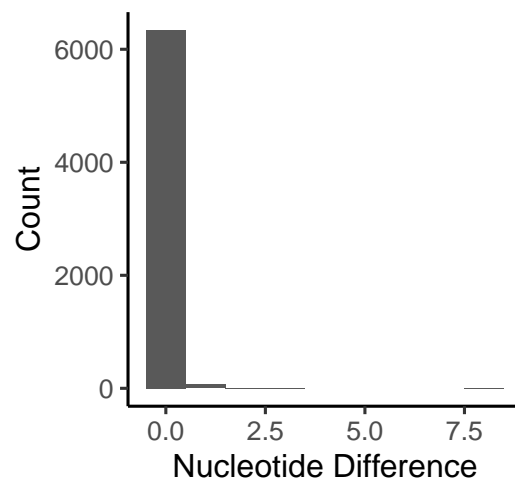
TRBV5–1*ap01

21645 sequences assigned
21454 (99.1%) exact matches, in which:
20867 unique CDR3
13 unique J



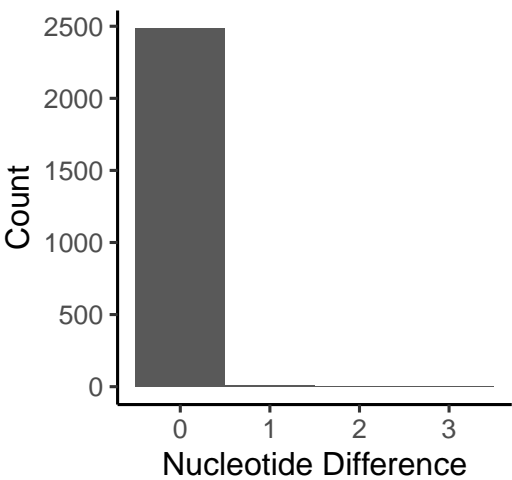
TRBV5–4*ap01

6414 sequences assigned
6340 (98.8%) exact matches, in which:
6179 unique CDR3
13 unique J



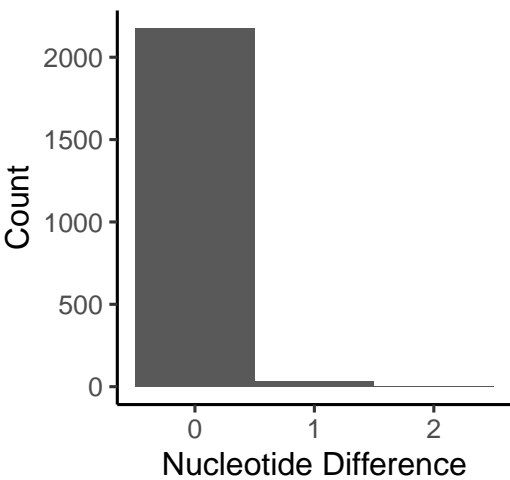
TRBV5-5*ap01

2500 sequences assigned
2485 (99.4%) exact matches, in which:
2468 unique CDR3
13 unique J



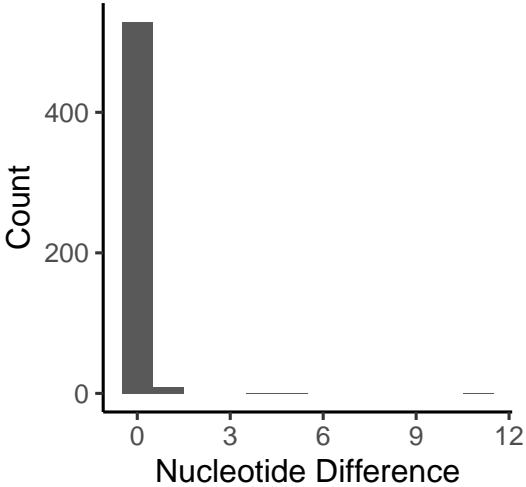
TRBV5-8*ap01

2209 sequences assigned
2175 (98.5%) exact matches, in which:
2136 unique CDR3
13 unique J



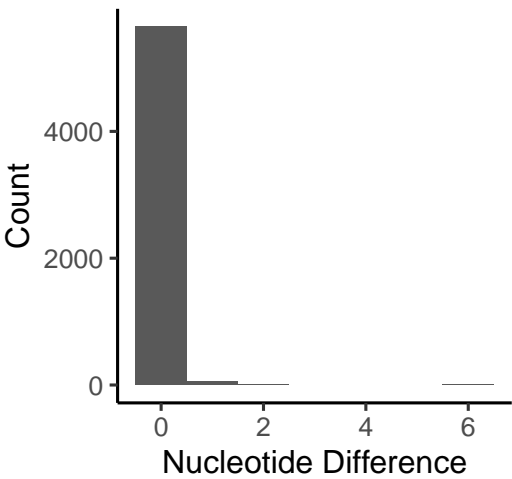
TRBV6-7*ap01

541 sequences assigned
529 (97.8%) exact matches, in which:
515 unique CDR3
13 unique J



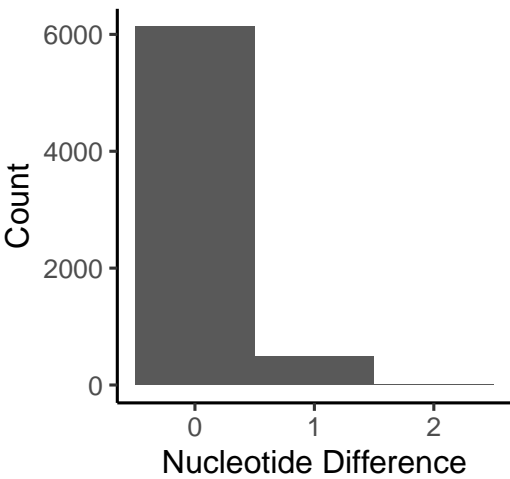
TRBV5-6*ap01

5713 sequences assigned
5651 (98.9%) exact matches, in which:
5501 unique CDR3
13 unique J



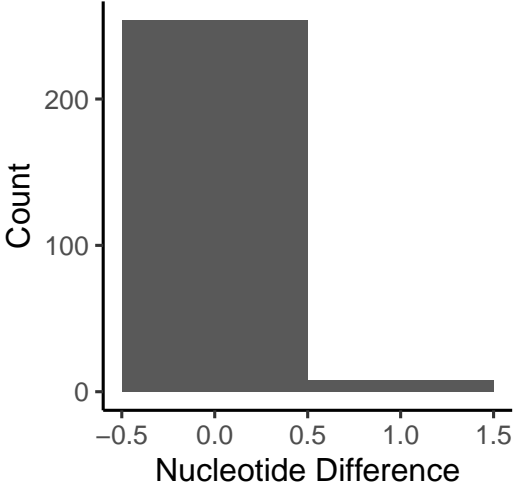
TRBV6-1*ap01

6615 sequences assigned
6131 (92.7%) exact matches, in which:
5980 unique CDR3
13 unique J



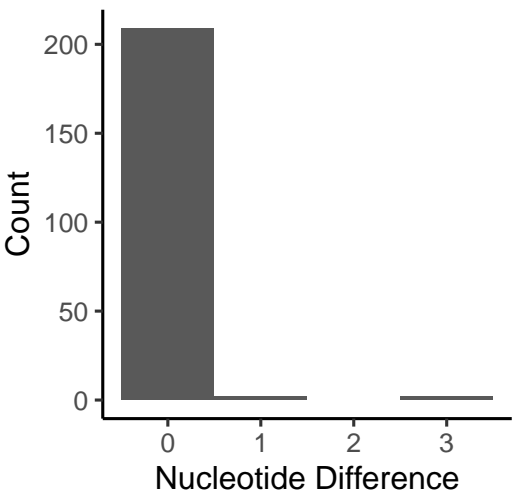
TRBV6-8*ap01

262 sequences assigned
254 (96.9%) exact matches, in which:
247 unique CDR3
13 unique J



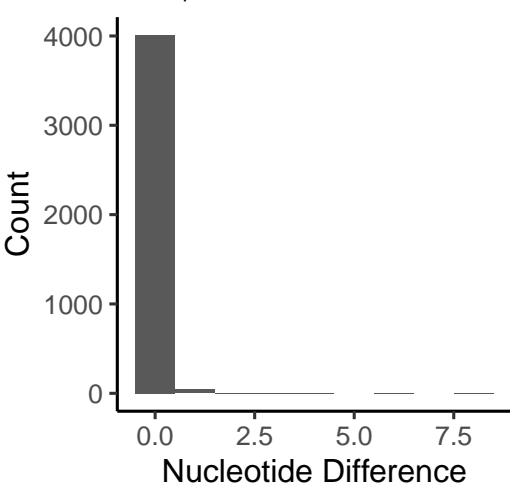
TRBV5-7*ap01

213 sequences assigned
209 (98.1%) exact matches, in which:
199 unique CDR3
13 unique J



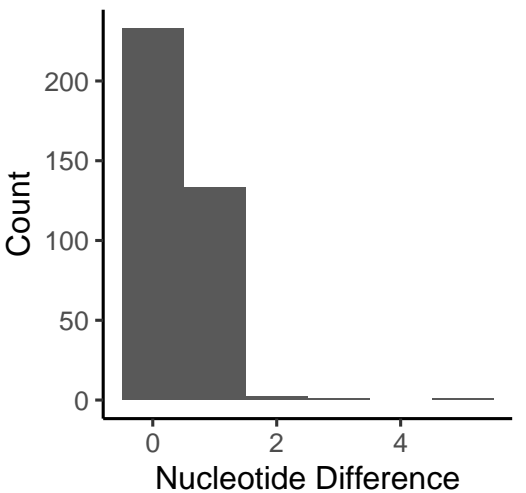
TRBV6-4*ap01

4066 sequences assigned
4010 (98.6%) exact matches, in which:
3934 unique CDR3
13 unique J



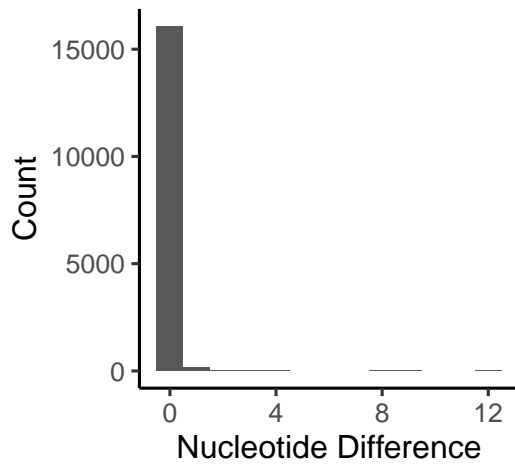
TRBV6-9*ap01

370 sequences assigned
233 (63%) exact matches, in which:
226 unique CDR3
13 unique J



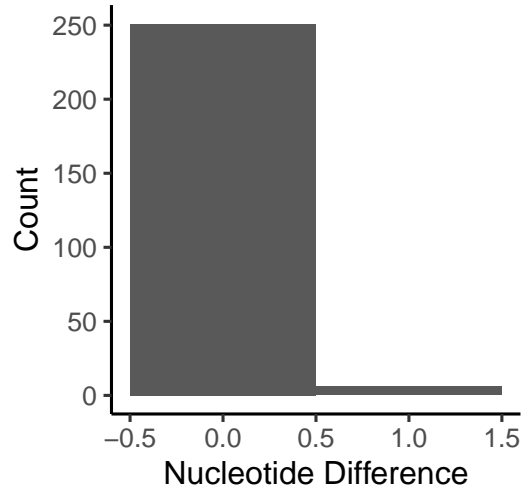
TRBV6-23*ap01

16238 sequences assigned
16074 (99%) exact matches, in which:
15580 unique CDR3
13 unique J



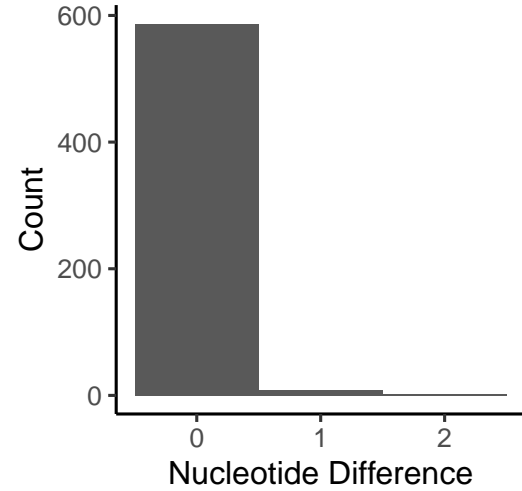
TRBV7-1*ap01_G291C_

257 sequences assigned
251 (97.7%) exact matches, in which:
243 unique CDR3
13 unique J



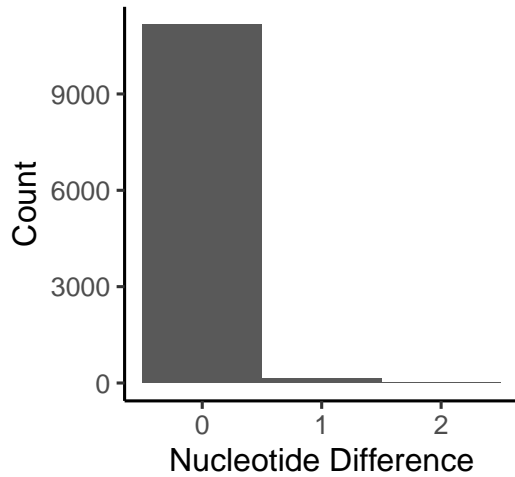
TRBV7-4*ap01

598 sequences assigned
587 (98.2%) exact matches, in which:
579 unique CDR3
13 unique J



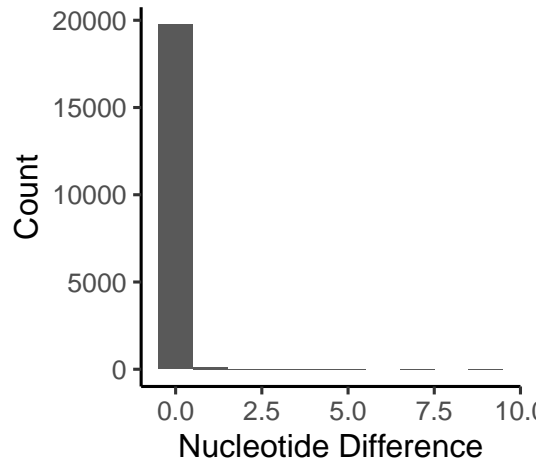
TRBV6-56*ap01_32732

11293 sequences assigned
11156 (98.8%) exact matches, in which:
10852 unique CDR3
13 unique J



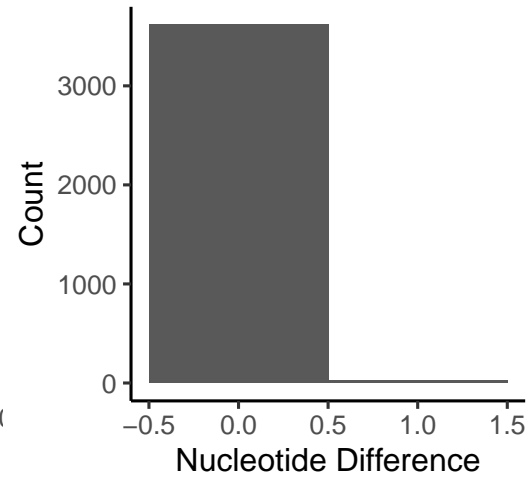
TRBV7-2*ap01

19888 sequences assigned
19759 (99.4%) exact matches, in which:
19443 unique CDR3
13 unique J



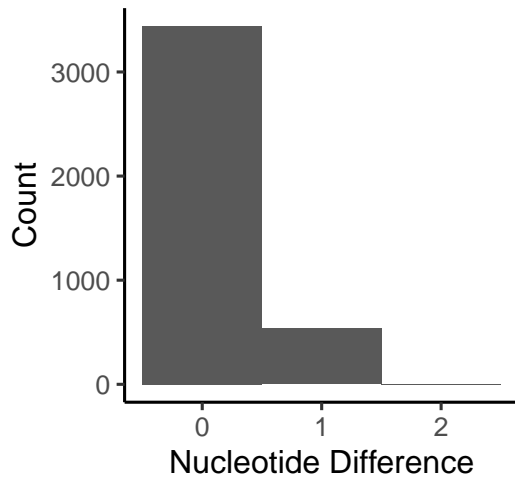
TRBV7-6*ap01

3647 sequences assigned
3617 (99.2%) exact matches, in which:
3539 unique CDR3
13 unique J



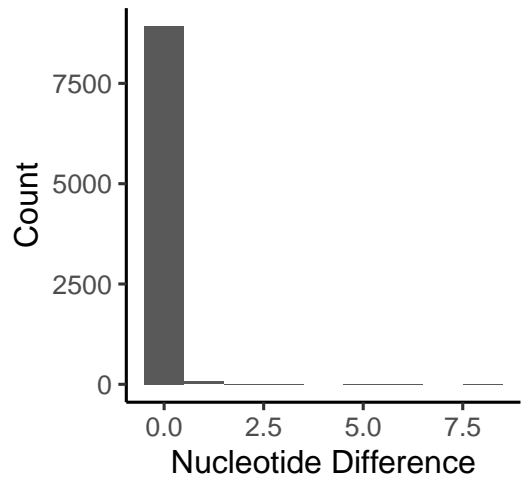
TRBV6-56*ap02

3984 sequences assigned
3441 (86.4%) exact matches, in which:
3360 unique CDR3
13 unique J



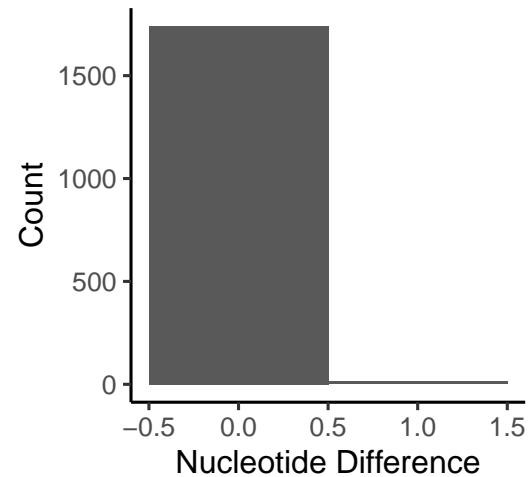
TRBV7-3*ap01

9005 sequences assigned
8929 (99.2%) exact matches, in which:
8831 unique CDR3
13 unique J



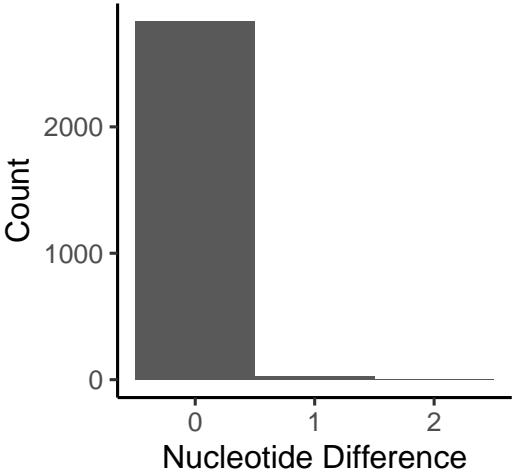
TRBV7-7*ap01_C315T

1755 sequences assigned
1741 (99.2%) exact matches, in which:
1711 unique CDR3
13 unique J



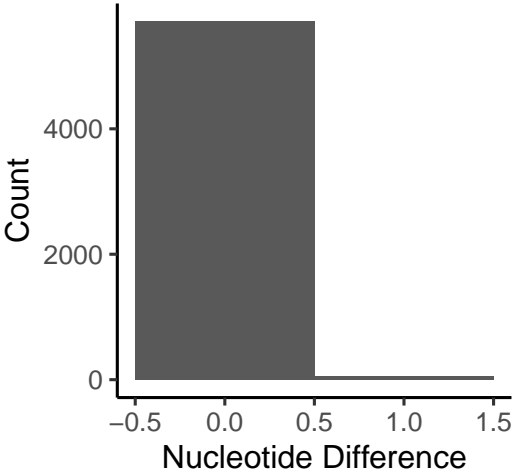
TRBV7-8*ap01

2866 sequences assigned
2834 (98.9%) exact matches, in which:
2776 unique CDR3
13 unique J



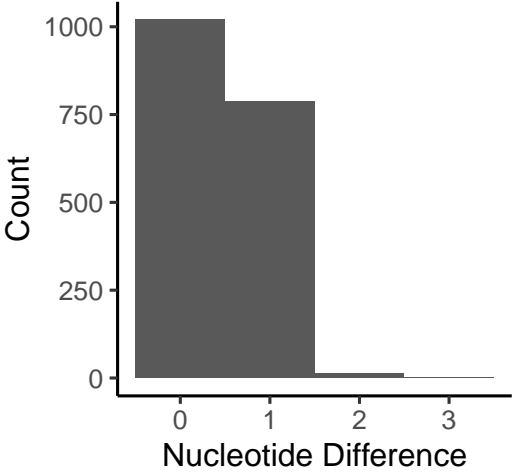
TRBV29-1*ap01

5763 sequences assigned
5713 (99.1%) exact matches, in which:
5579 unique CDR3
13 unique J



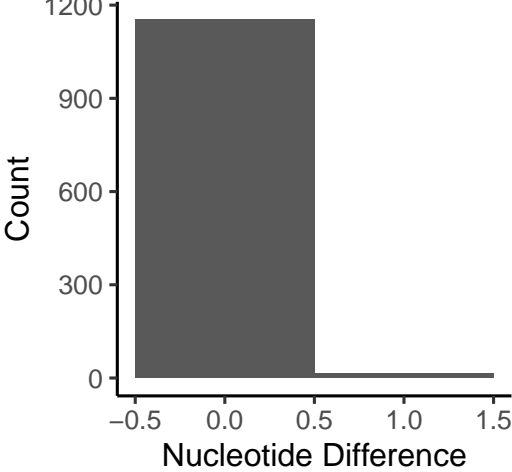
TRBV7-8*ap03

1822 sequences assigned
1020 (56%) exact matches, in which:
991 unique CDR3
13 unique J



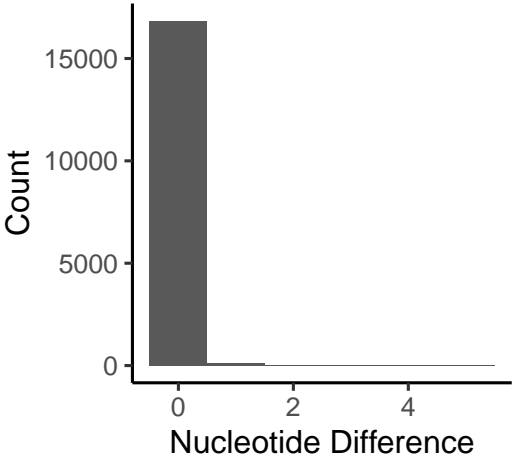
TRBV29-1*ap02

1167 sequences assigned
1153 (98.8%) exact matches, in which:
1119 unique CDR3
13 unique J

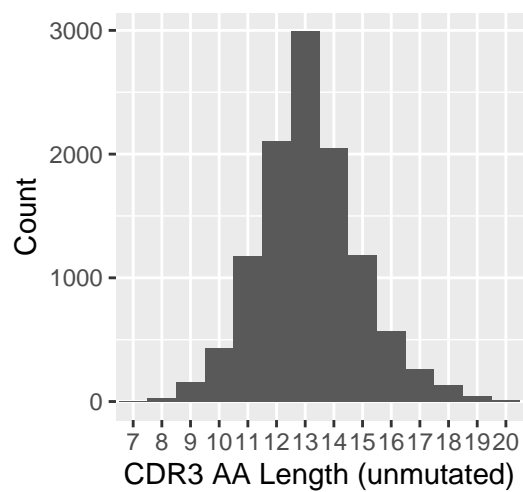


TRBV7-9*ap01

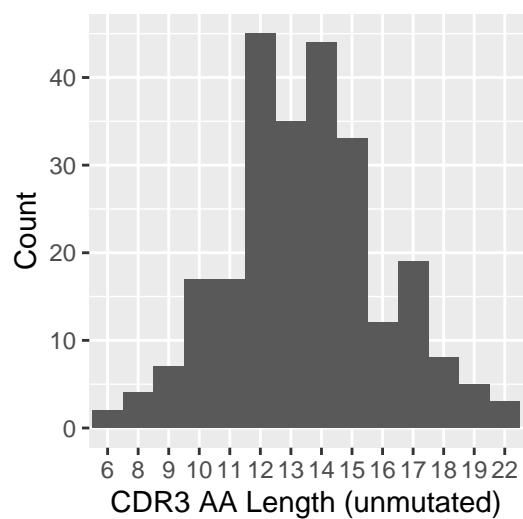
16967 sequences assigned
16842 (99.3%) exact matches, in which:
16552 unique CDR3
13 unique J



TRBV6-56*ap01_327326



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T

