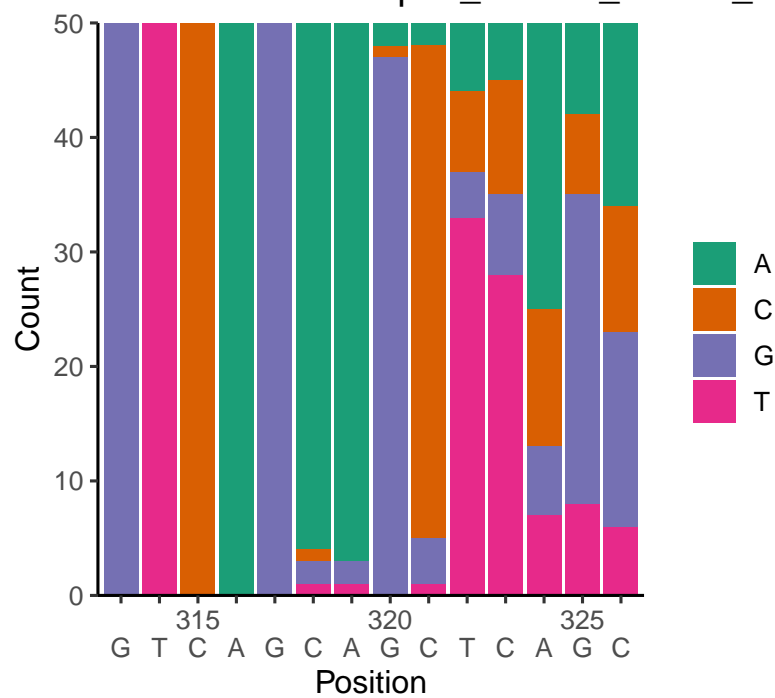
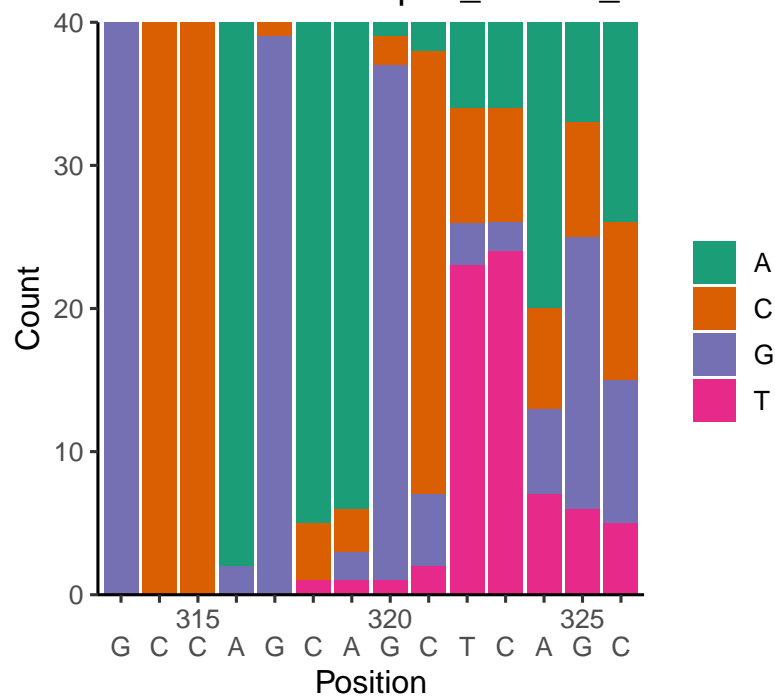


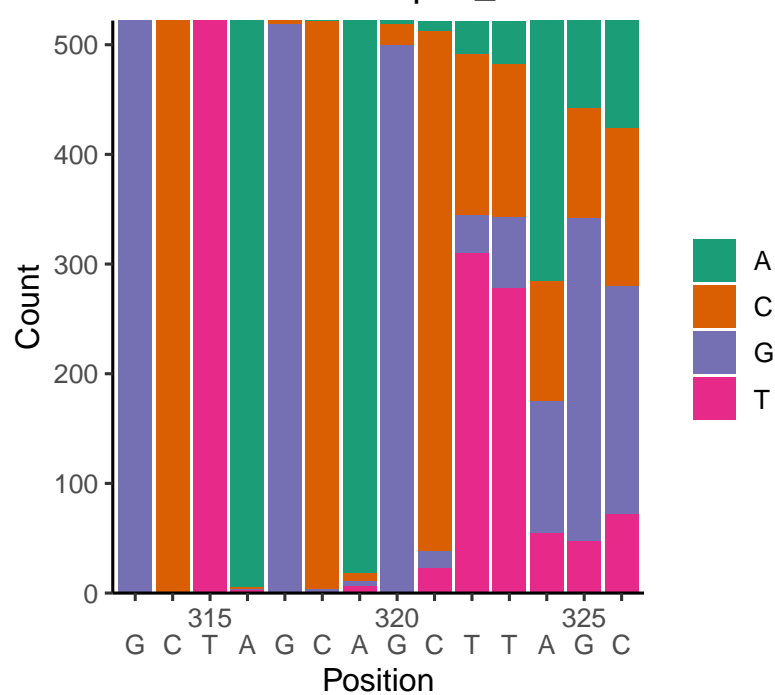
Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C_C314T



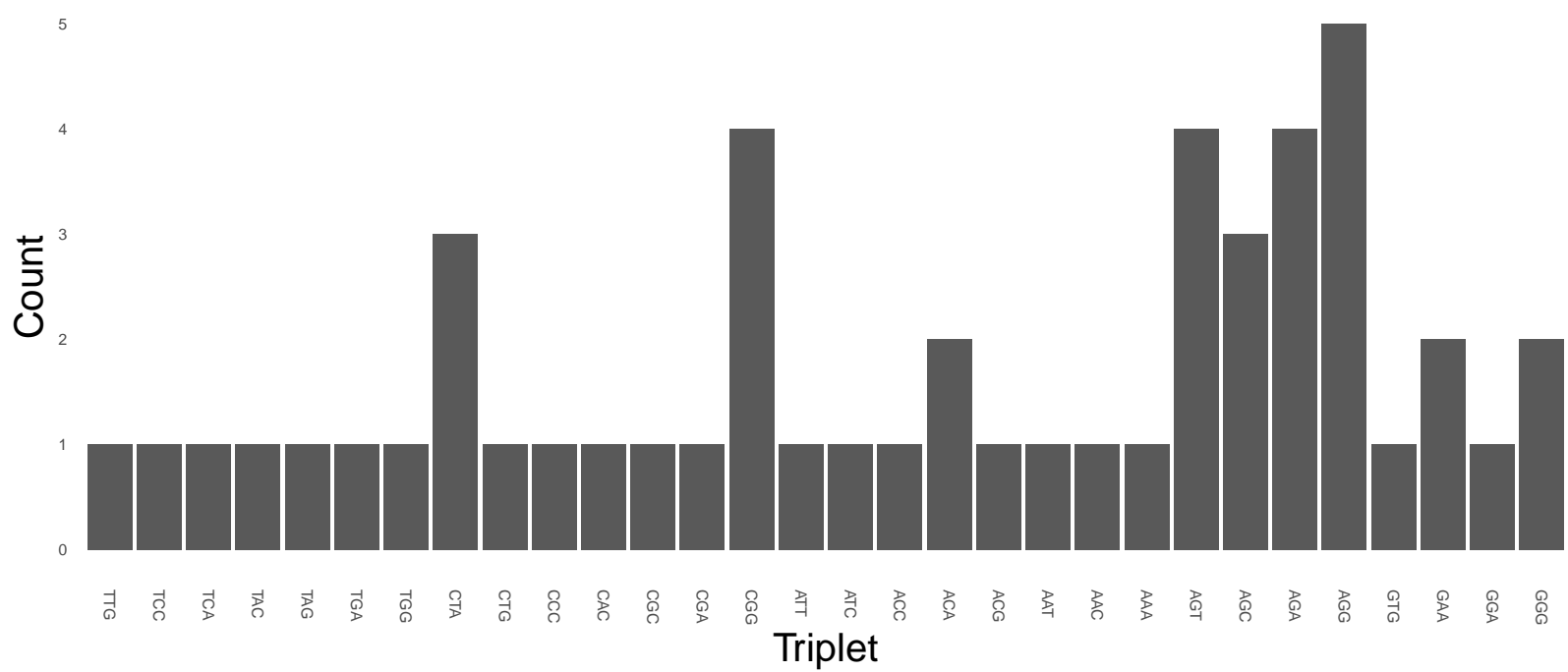
Gene TRBV7-1*ap01_G291C_T296C



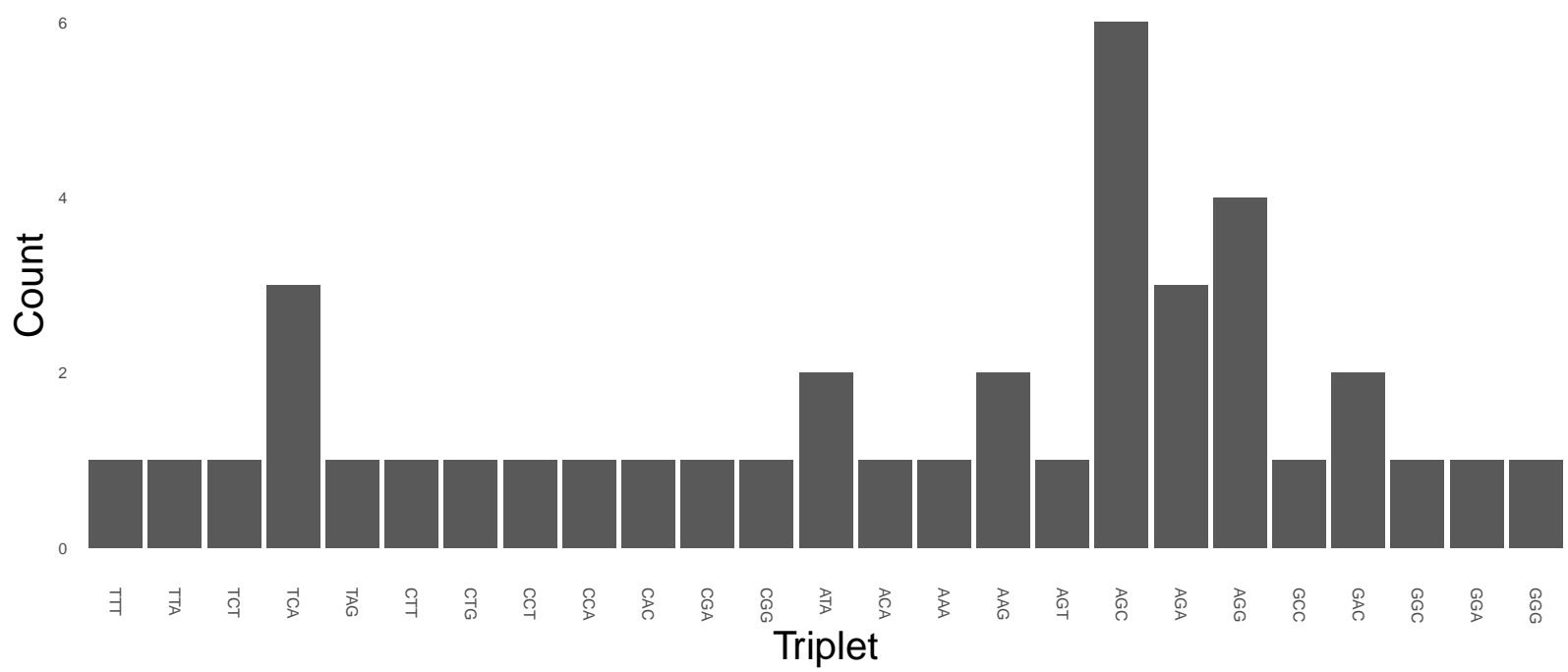
Gene TRBV7-7*ap01_C315T



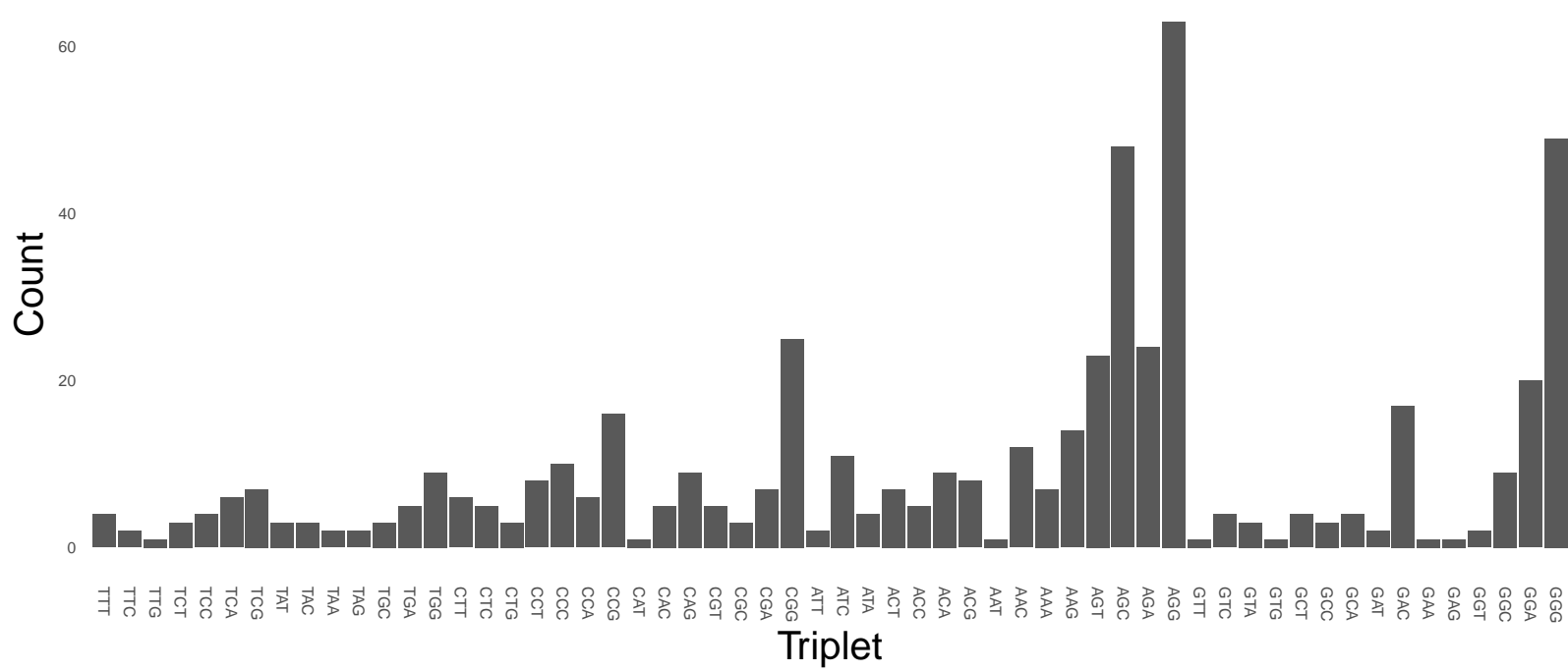
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

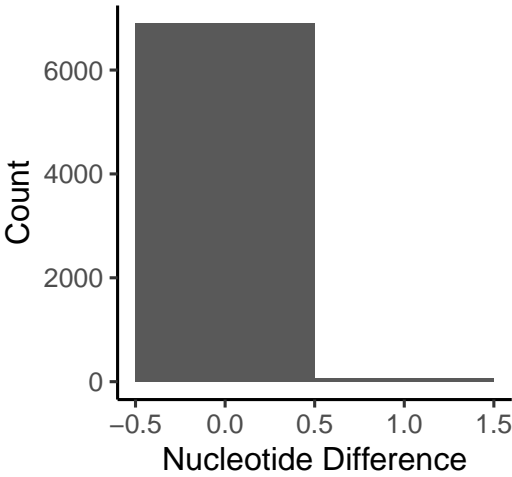


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



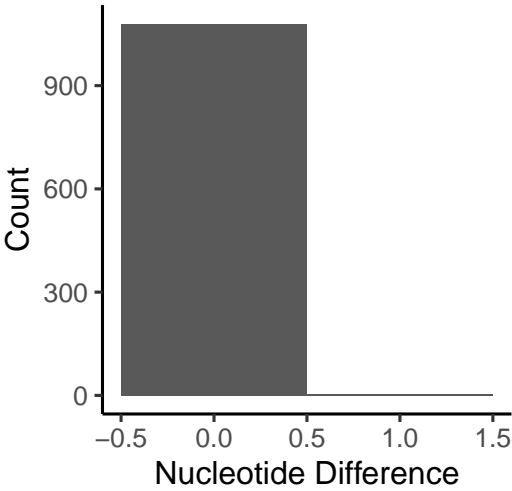
TRBV20-1*ap01

6957 sequences assigned
6898 (99.2%) exact matches, in which:
6860 unique CDR3
13 unique J



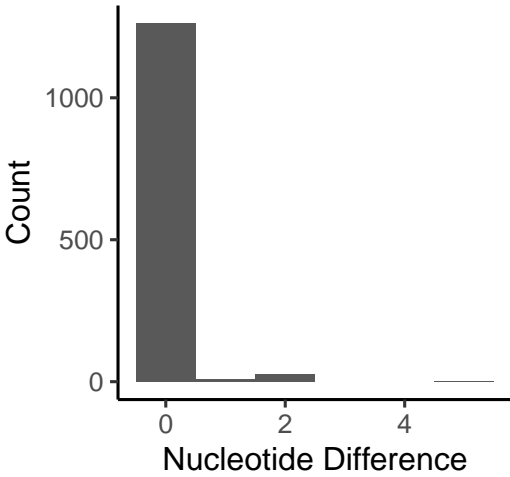
TRBV10-2*ap01

1084 sequences assigned
1080 (99.6%) exact matches, in which:
1073 unique CDR3
13 unique J



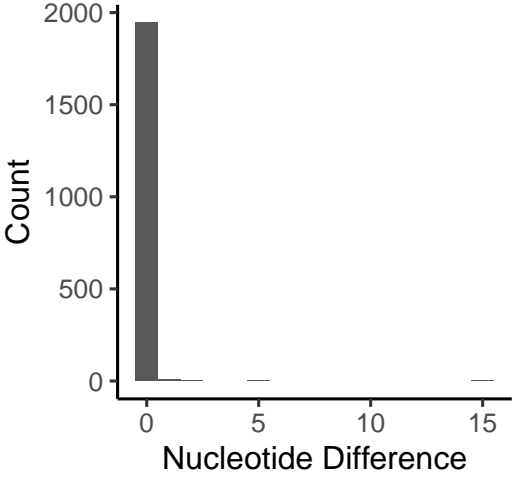
TRBV13*ap01

1301 sequences assigned
1262 (97%) exact matches, in which:
1238 unique CDR3
13 unique J



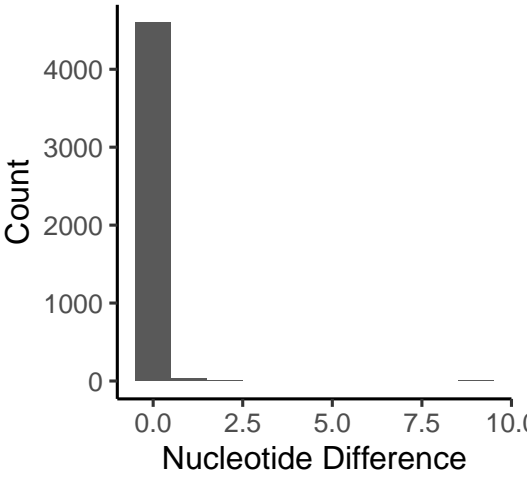
TRBV10-1*ap01

1958 sequences assigned
1945 (99.3%) exact matches, in which:
1928 unique CDR3
13 unique J



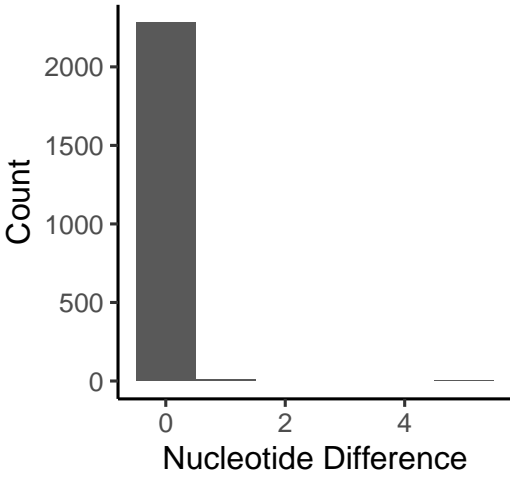
TRBV10-3*ap01

4631 sequences assigned
4597 (99.3%) exact matches, in which:
4565 unique CDR3
13 unique J



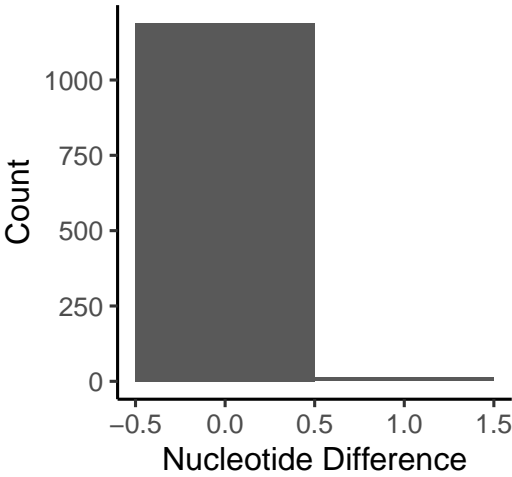
TRBV14*ap01

2289 sequences assigned
2281 (99.7%) exact matches, in which:
2272 unique CDR3
13 unique J



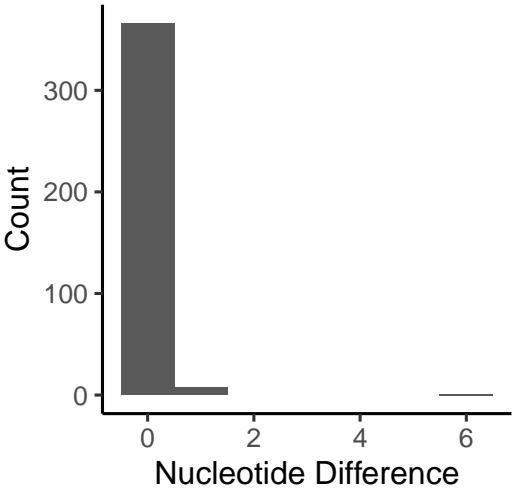
TRBV20-1*ap02

1202 sequences assigned
1189 (98.9%) exact matches, in which:
1186 unique CDR3
13 unique J



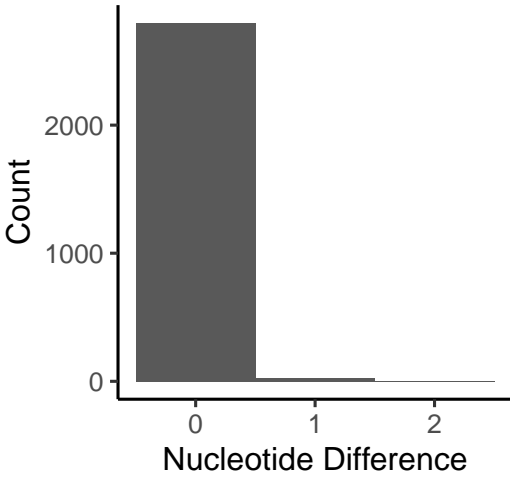
TRBV1*ap01

374 sequences assigned
366 (97.9%) exact matches, in which:
360 unique CDR3
13 unique J



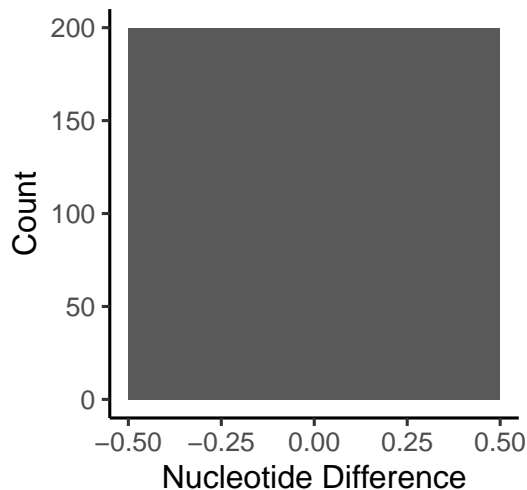
TRBV15*ap02

2822 sequences assigned
2797 (99.1%) exact matches, in which:
2767 unique CDR3
13 unique J



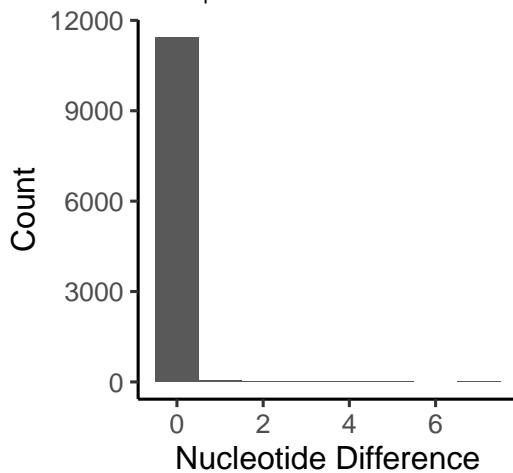
TRBV16*ap01

200 sequences assigned
200 (100%) exact matches, in which:
199 unique CDR3
13 unique J



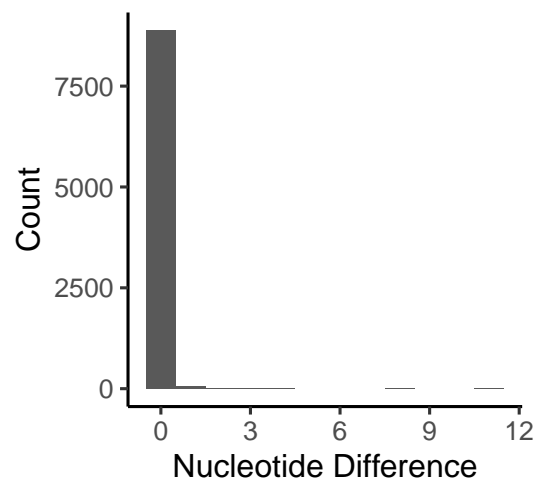
TRBV19*ap01

11519 sequences assigned
11443 (99.3%) exact matches, in which:
11404 unique CDR3
13 unique J



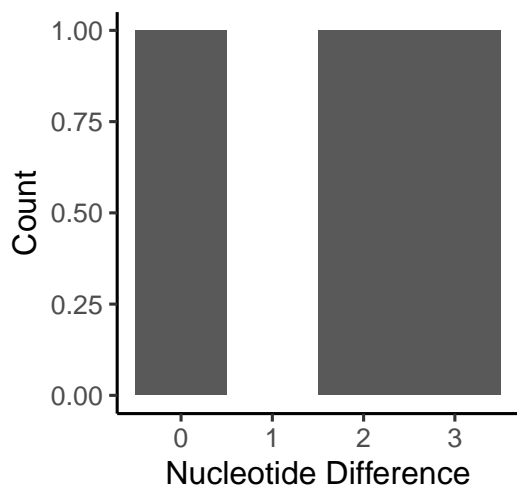
TRBV27*ap01

8957 sequences assigned
8881 (99.2%) exact matches, in which:
8815 unique CDR3
13 unique J



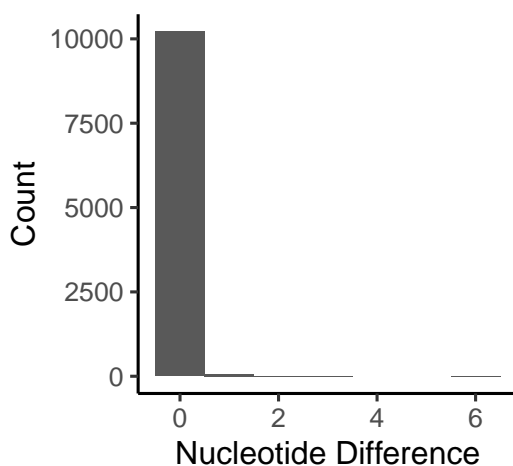
TRBV17*ap01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



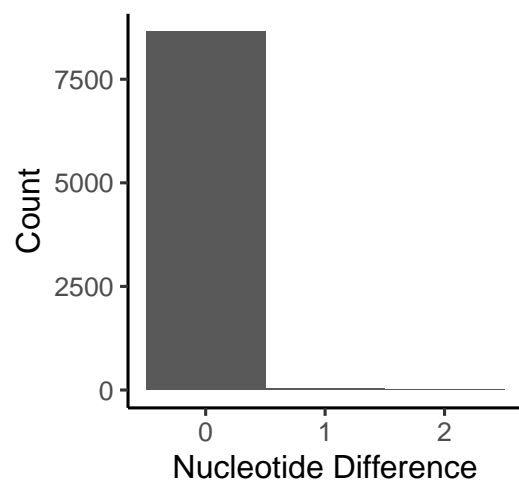
TRBV2*ap01

10295 sequences assigned
10219 (99.3%) exact matches, in which:
10142 unique CDR3
13 unique J



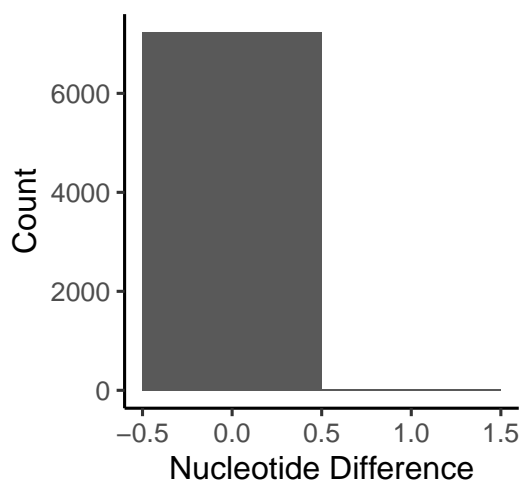
TRBV28*ap01

8696 sequences assigned
8647 (99.4%) exact matches, in which:
8594 unique CDR3
13 unique J



TRBV18*ap01

7271 sequences assigned
7239 (99.6%) exact matches, in which:
7205 unique CDR3
13 unique J



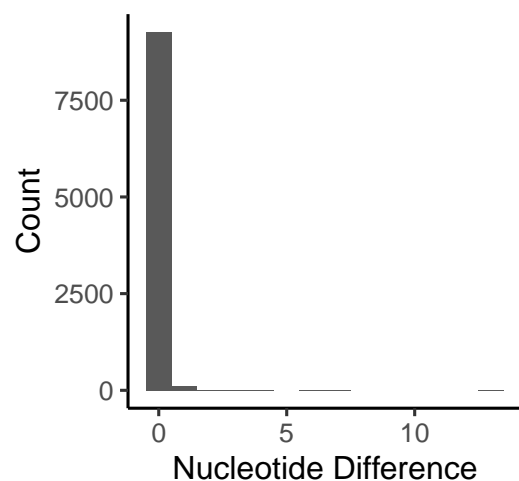
TRBV26*ap01

1 sequences assigned
No exact matches.



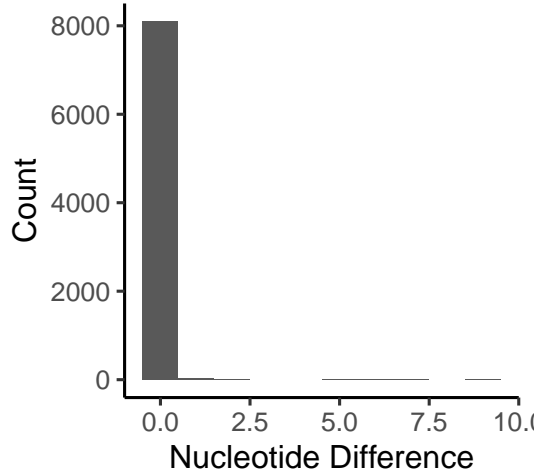
TRBV30*ap01

9389 sequences assigned
9264 (98.7%) exact matches, in which:
9121 unique CDR3
13 unique J



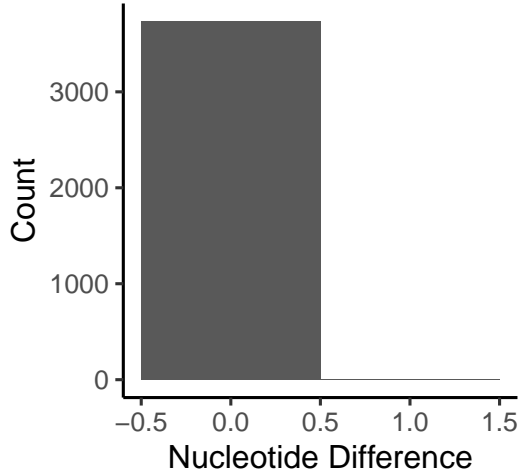
TRBV9*ap01

8148 sequences assigned
8099 (99.4%) exact matches, in which:
8039 unique CDR3
13 unique J



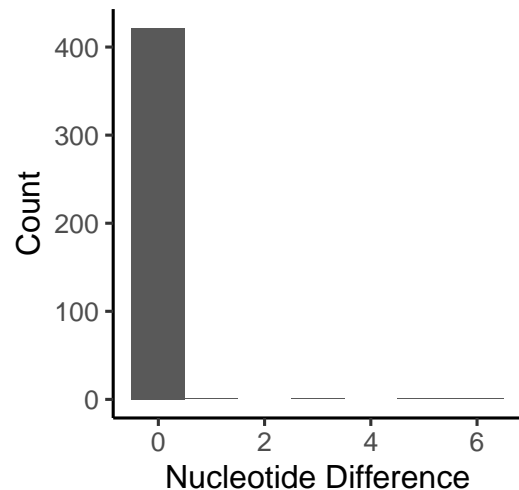
TRBV11-2*ap01

3743 sequences assigned
3734 (99.8%) exact matches, in which:
3717 unique CDR3
13 unique J



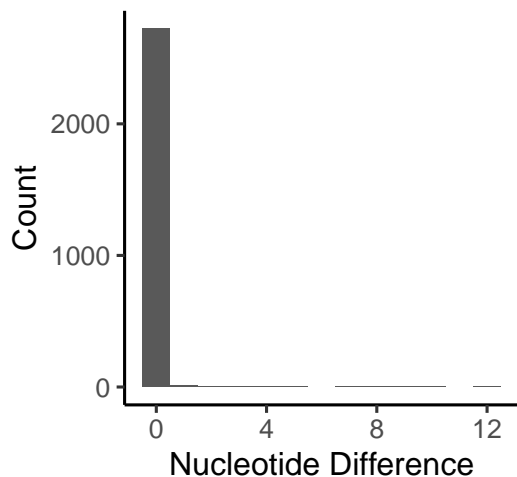
TRBV12-2*ap01

426 sequences assigned
422 (99.1%) exact matches, in which:
419 unique CDR3
13 unique J



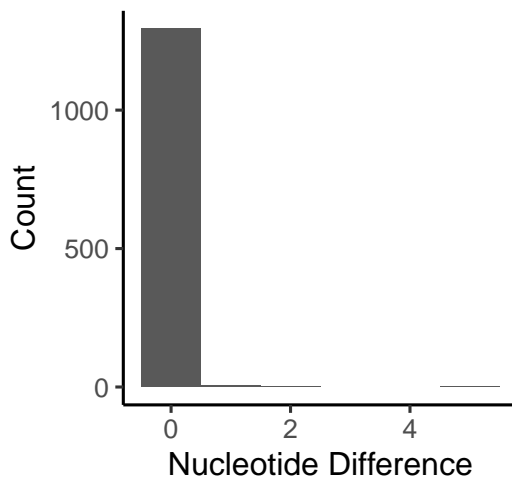
TRBV21-1*ap01

2758 sequences assigned
2723 (98.7%) exact matches, in which:
2706 unique CDR3
13 unique J



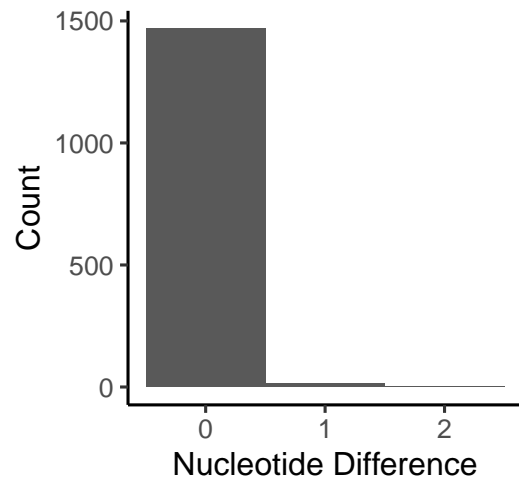
TRBV11-3*ap01

1301 sequences assigned
1294 (99.5%) exact matches, in which:
1288 unique CDR3
13 unique J



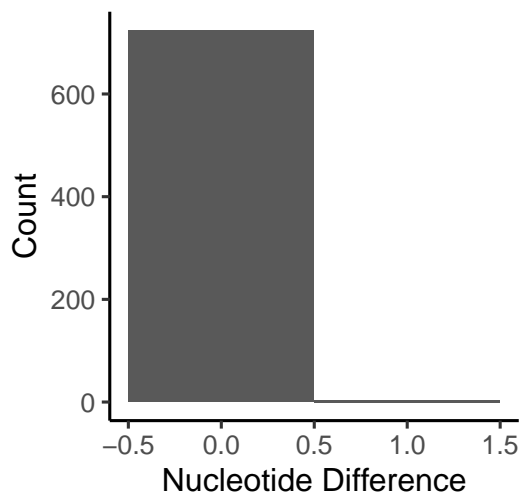
TRBV12-5*ap01

1482 sequences assigned
1468 (99.1%) exact matches, in which:
1453 unique CDR3
13 unique J



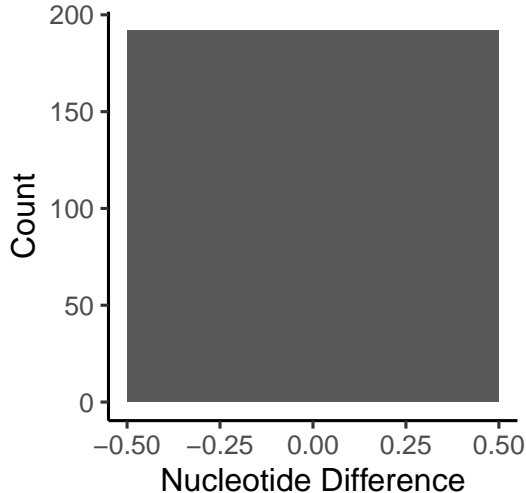
TRBV11-1*ap01

728 sequences assigned
724 (99.5%) exact matches, in which:
721 unique CDR3
13 unique J



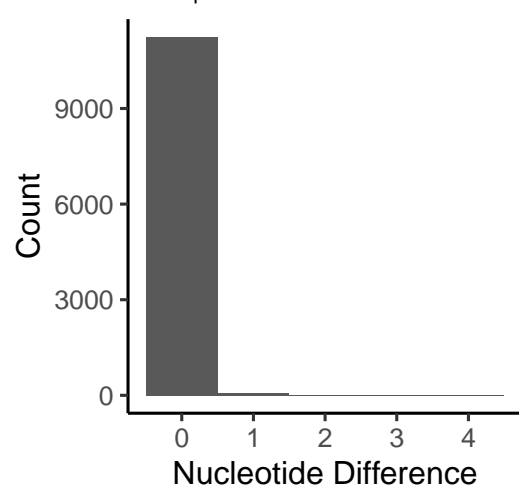
TRBV12-1*ap01

192 sequences assigned
192 (100%) exact matches, in which:
192 unique CDR3
13 unique J



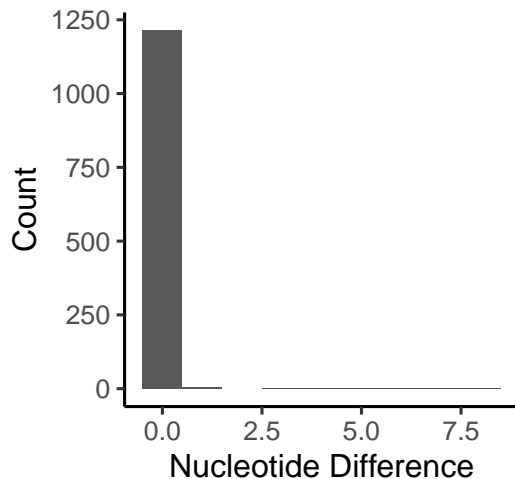
TRBV12-34*ap01

11324 sequences assigned
11242 (99.3%) exact matches, in which:
11163 unique CDR3
13 unique J



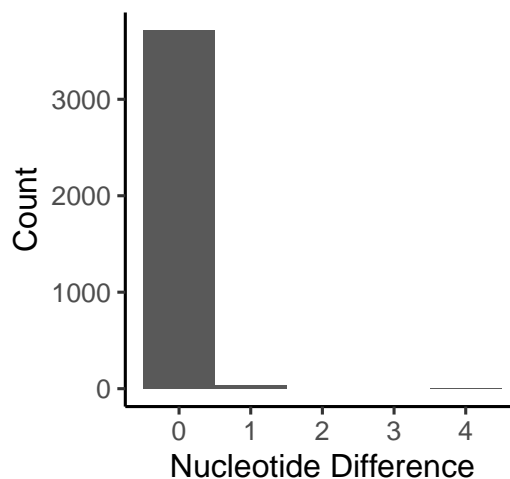
TRBV23-1*ap01

1228 sequences assigned
1214 (98.9%) exact matches, in which:
1204 unique CDR3
13 unique J



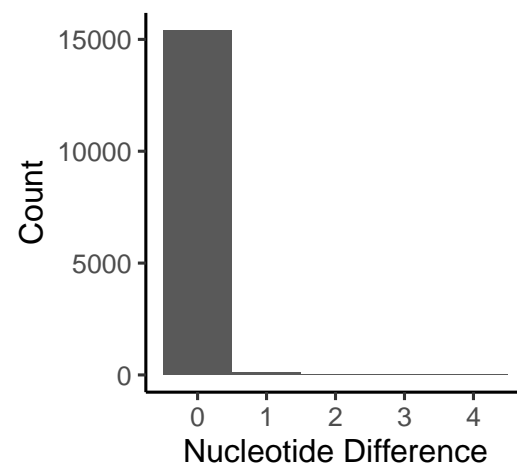
TRBV24-1*ap01

3755 sequences assigned
3714 (98.9%) exact matches, in which:
3679 unique CDR3
13 unique J



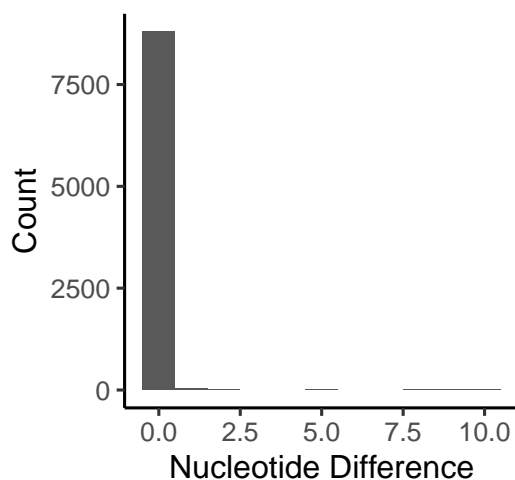
TRBV5-1*ap01

15525 sequences assigned
15413 (99.3%) exact matches, in which:
15203 unique CDR3
13 unique J



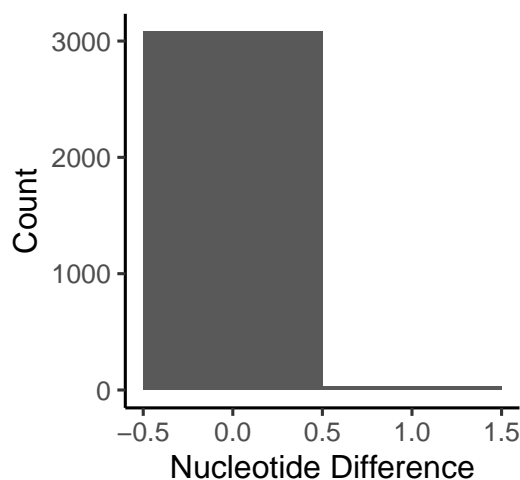
TRBV3-12*ap01

8836 sequences assigned
8796 (99.5%) exact matches, in which:
8756 unique CDR3
13 unique J



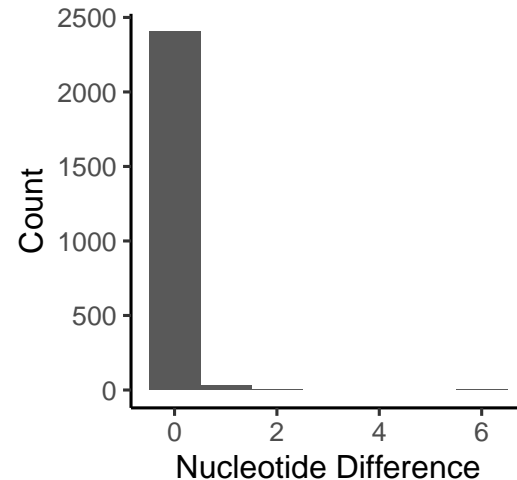
TRBV4-2*ap01

3108 sequences assigned
3080 (99.1%) exact matches, in which:
3039 unique CDR3
13 unique J



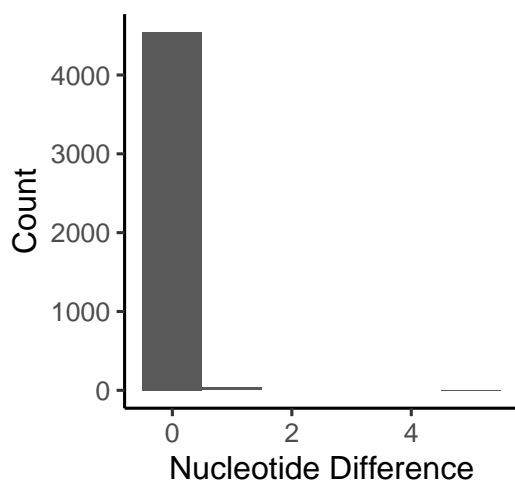
TRBV25-1*ap01

2440 sequences assigned
2404 (98.5%) exact matches, in which:
2374 unique CDR3
13 unique J



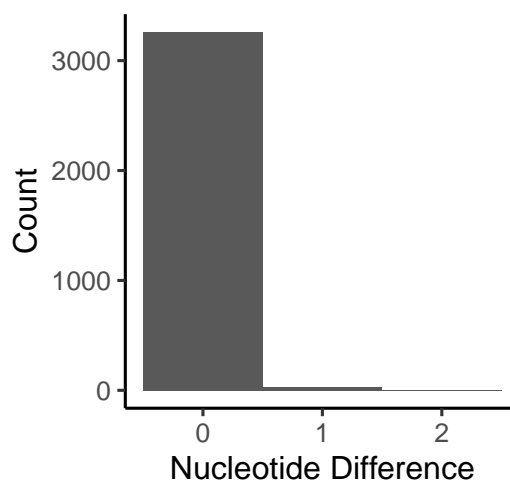
TRBV4-1*ap01

4580 sequences assigned
4545 (99.2%) exact matches, in which:
4474 unique CDR3
13 unique J



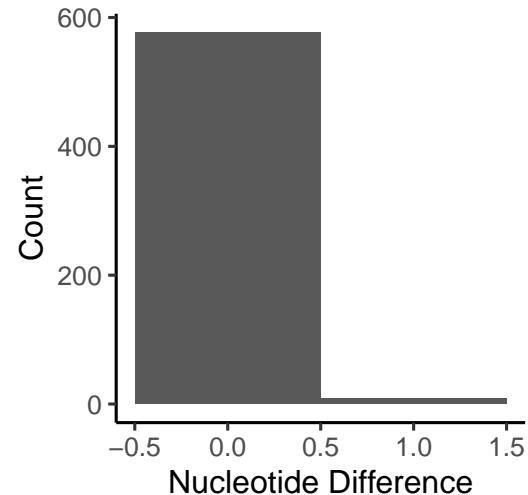
TRBV4-3*ap01

3293 sequences assigned
3260 (99%) exact matches, in which:
3218 unique CDR3
13 unique J



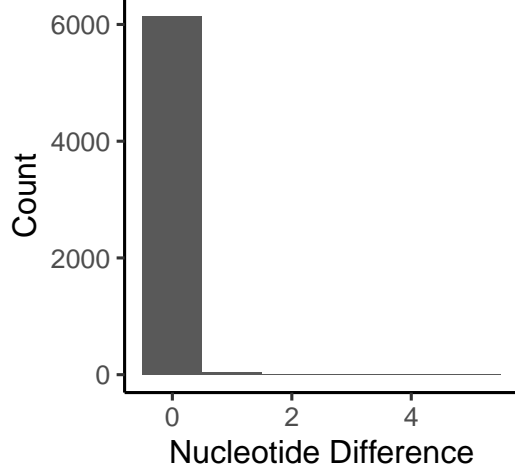
TRBV5-3*ap01

585 sequences assigned
577 (98.6%) exact matches, in which:
573 unique CDR3
13 unique J



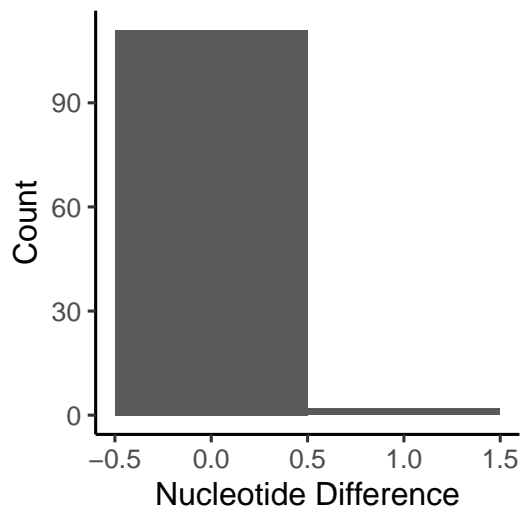
TRBV5-4*ap01

6195 sequences assigned
6138 (99.1%) exact matches, in which:
6079 unique CDR3
13 unique J



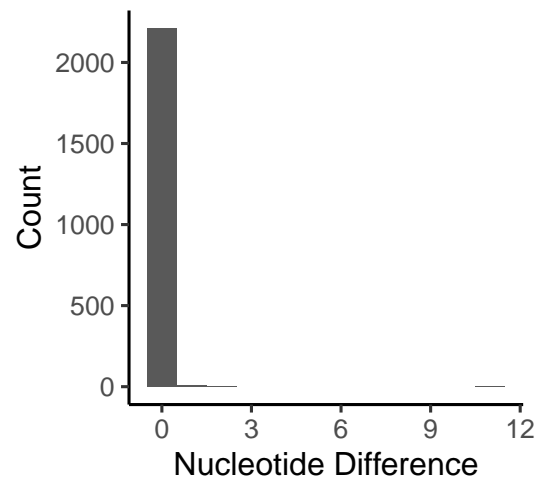
TRBV5-7*ap01

113 sequences assigned
111 (98.2%) exact matches, in which:
110 unique CDR3
13 unique J



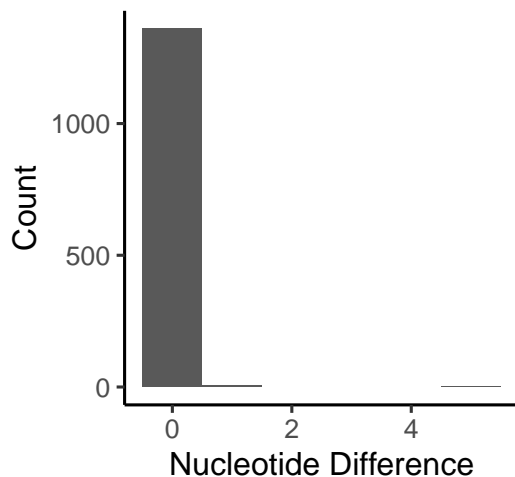
TRBV6-4*ap01

2227 sequences assigned
2210 (99.2%) exact matches, in which:
2187 unique CDR3
13 unique J



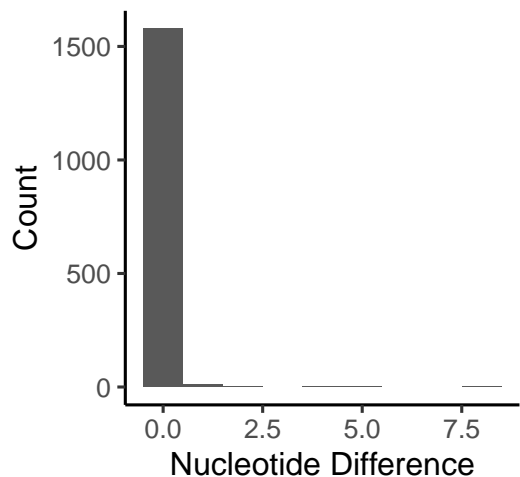
TRBV5-5*ap01

1366 sequences assigned
1360 (99.6%) exact matches, in which:
1353 unique CDR3
13 unique J



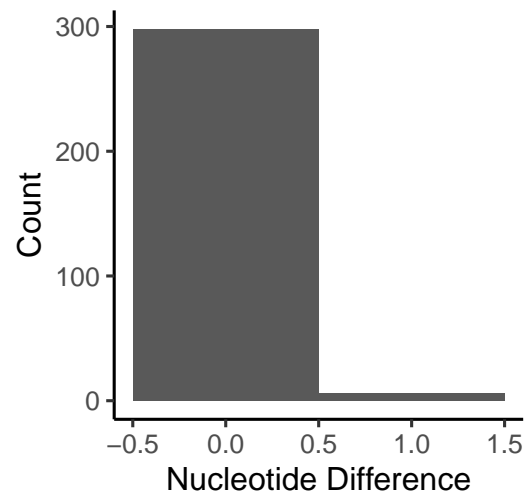
TRBV5-8*ap01

1596 sequences assigned
1578 (98.9%) exact matches, in which:
1569 unique CDR3
13 unique J



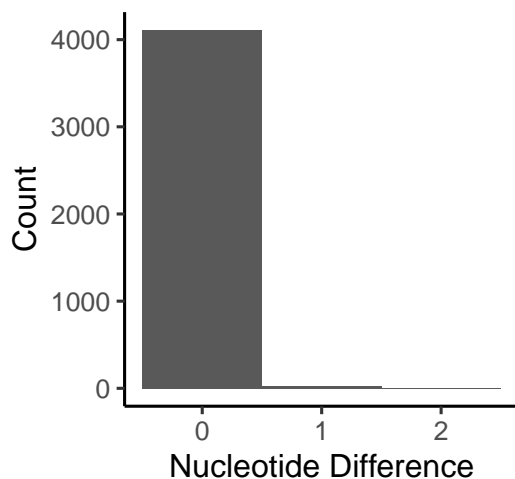
TRBV6-7*ap01

304 sequences assigned
298 (98%) exact matches, in which:
296 unique CDR3
12 unique J



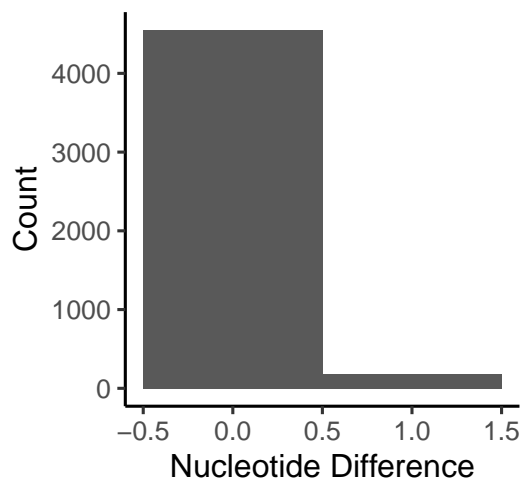
TRBV5-6*ap01

4140 sequences assigned
4110 (99.3%) exact matches, in which:
3998 unique CDR3
13 unique J



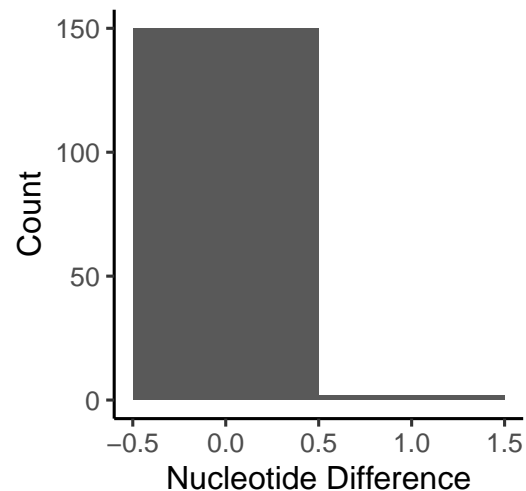
TRBV6-1*ap01

4735 sequences assigned
4550 (96.1%) exact matches, in which:
4486 unique CDR3
13 unique J



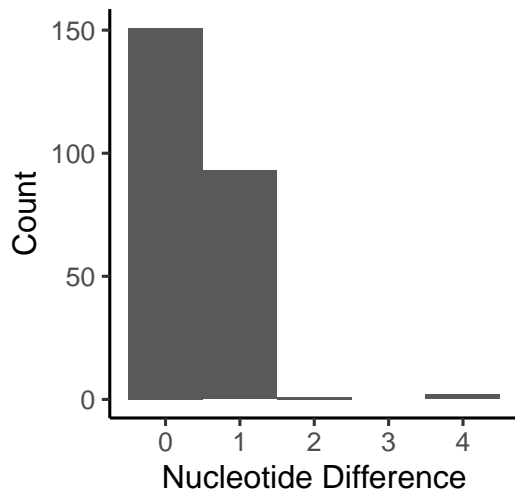
TRBV6-8*ap01

152 sequences assigned
150 (98.7%) exact matches, in which:
150 unique CDR3
13 unique J



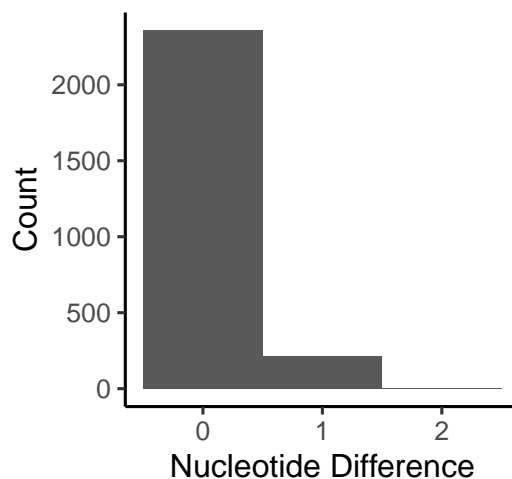
TRBV6–9*ap01

247 sequences assigned
151 (61.1%) exact matches, in which:
148 unique CDR3
12 unique J



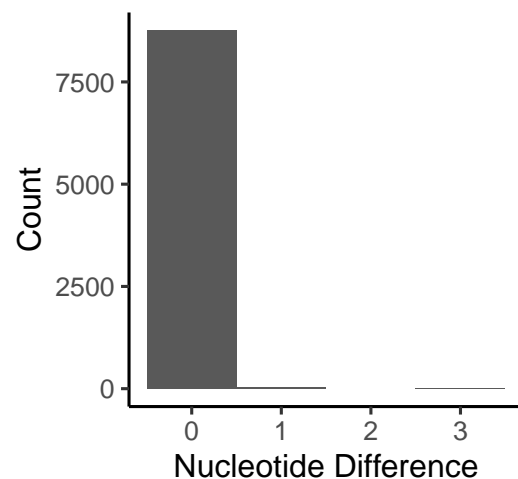
TRBV6–56*ap02

2571 sequences assigned
2358 (91.7%) exact matches, in which:
2322 unique CDR3
13 unique J



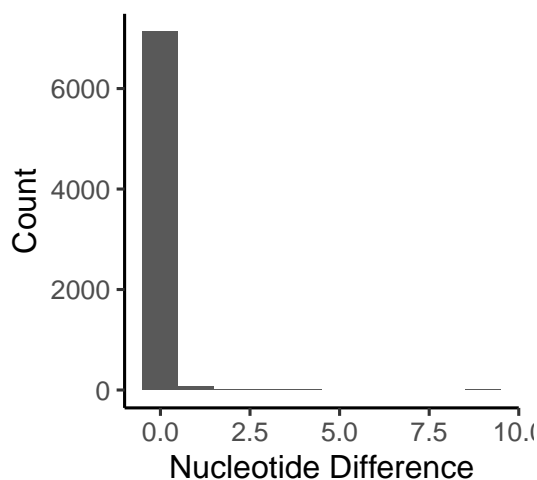
TRBV7–2*ap01

8807 sequences assigned
8760 (99.5%) exact matches, in which:
8697 unique CDR3
13 unique J



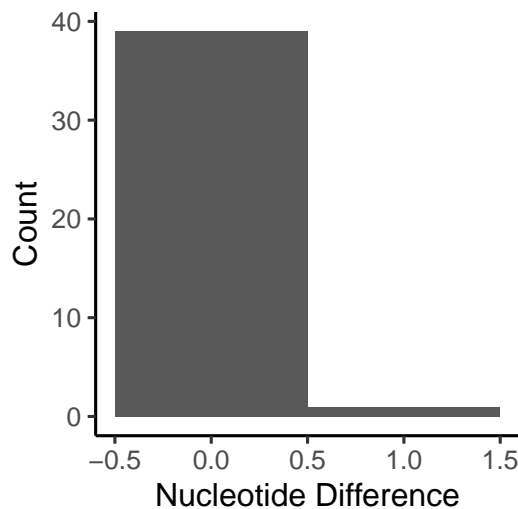
TRBV6–23*ap01

7211 sequences assigned
7131 (98.9%) exact matches, in which:
7027 unique CDR3
13 unique J



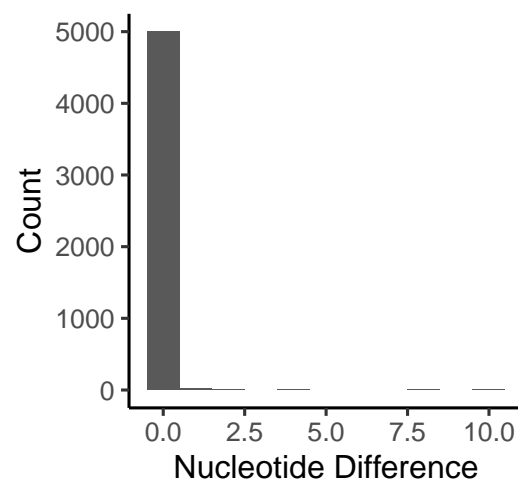
TRBV7–1*ap01_G291C_T

40 sequences assigned
39 (97.5%) exact matches, in which:
39 unique CDR3
11 unique J



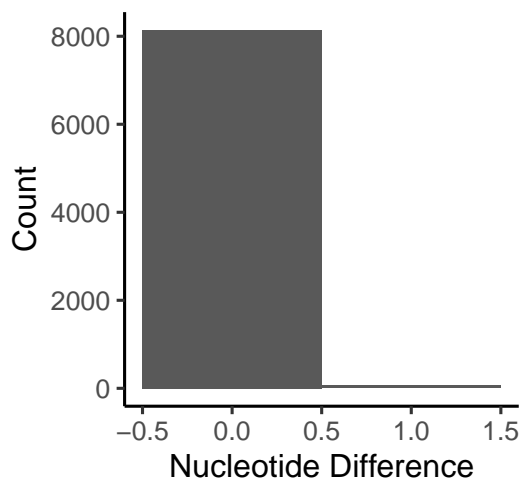
TRBV7–3*ap01

5029 sequences assigned
4999 (99.4%) exact matches, in which:
4969 unique CDR3
13 unique J



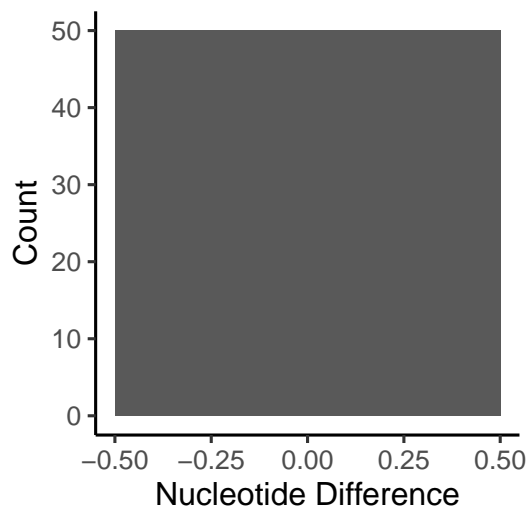
TRBV6–56*ap01

8208 sequences assigned
8141 (99.2%) exact matches, in which:
8007 unique CDR3
13 unique J



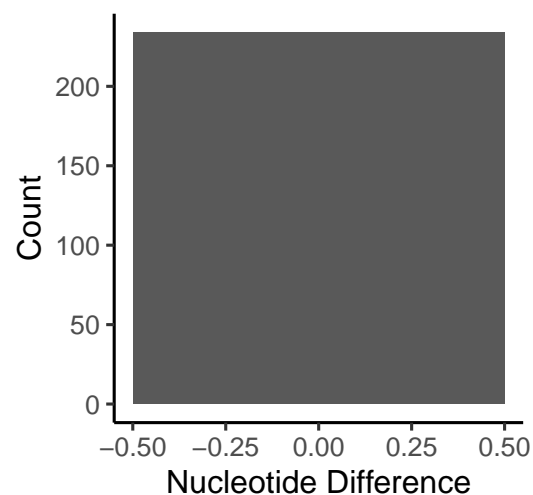
TRBV7–1*ap01_G291C_T

50 sequences assigned
50 (100%) exact matches, in which:
50 unique CDR3
12 unique J



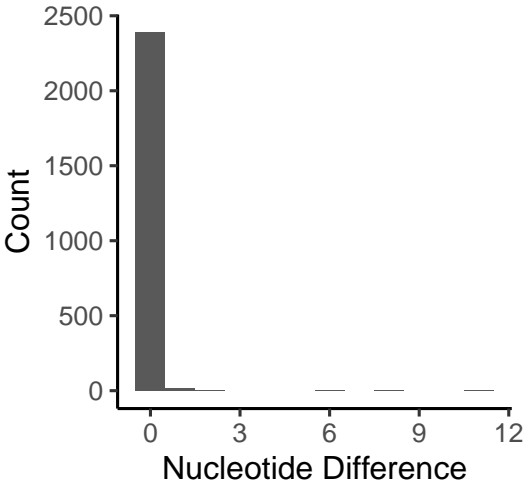
TRBV7–4*ap01

234 sequences assigned
234 (100%) exact matches, in which:
229 unique CDR3
13 unique J



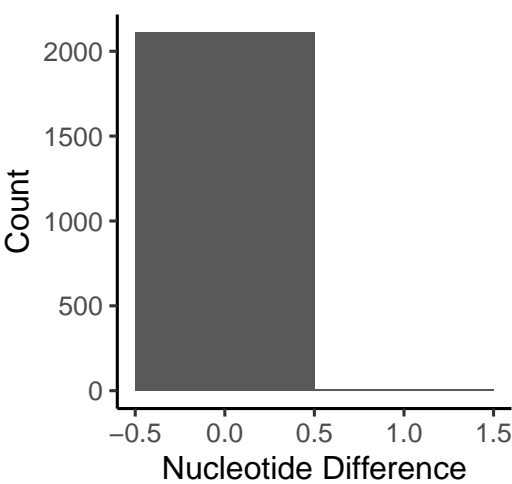
TRBV7-6*ap01

2409 sequences assigned
2389 (99.2%) exact matches, in which:
2366 unique CDR3
13 unique J



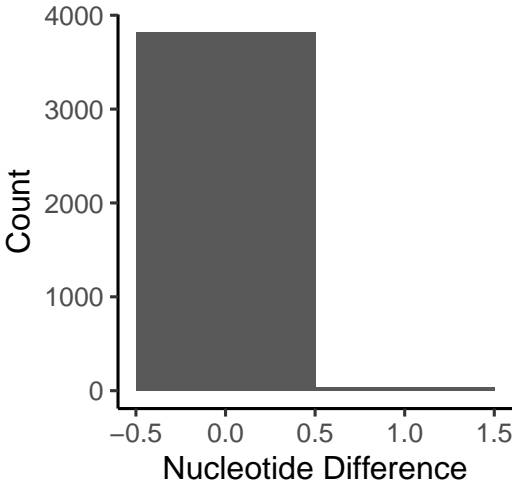
TRBV7-8*ap01

2122 sequences assigned
2111 (99.5%) exact matches, in which:
2097 unique CDR3
13 unique J



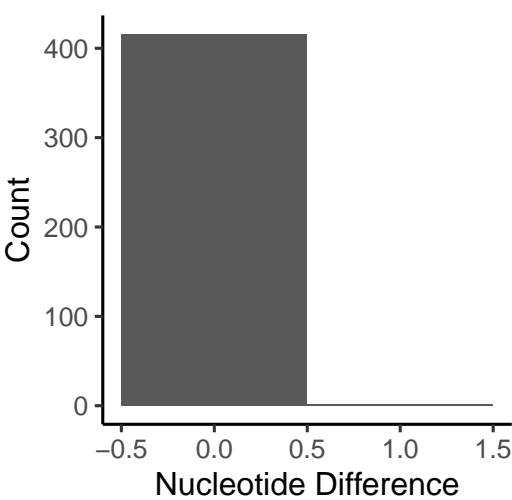
TRBV29-1*ap01

3853 sequences assigned
3817 (99.1%) exact matches, in which:
3751 unique CDR3
13 unique J



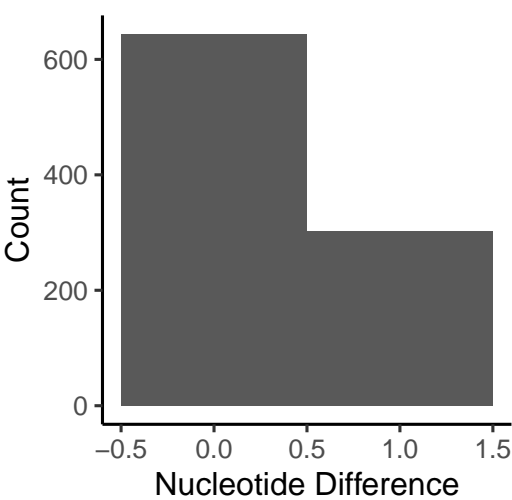
TRBV7-7*ap01

418 sequences assigned
416 (99.5%) exact matches, in which:
414 unique CDR3
13 unique J



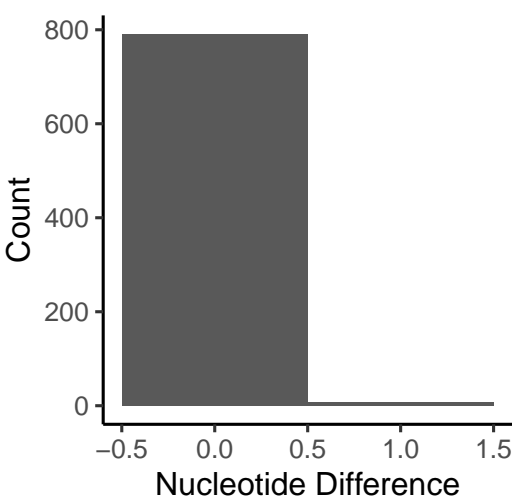
TRBV7-8*ap03

946 sequences assigned
644 (68.1%) exact matches, in which:
640 unique CDR3
13 unique J



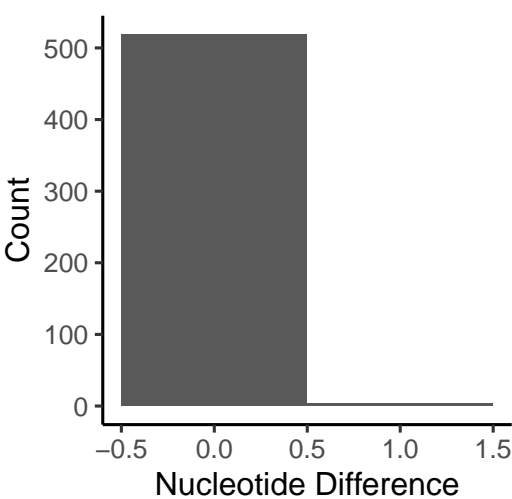
TRBV29-1*ap02

799 sequences assigned
791 (99%) exact matches, in which:
772 unique CDR3
13 unique J



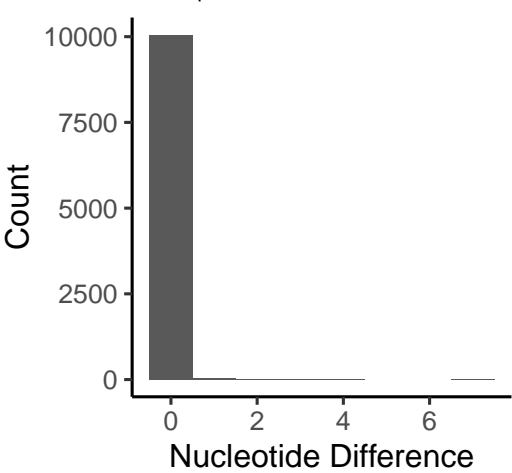
TRBV7-7*ap01_C315T

522 sequences assigned
519 (99.4%) exact matches, in which:
514 unique CDR3
13 unique J

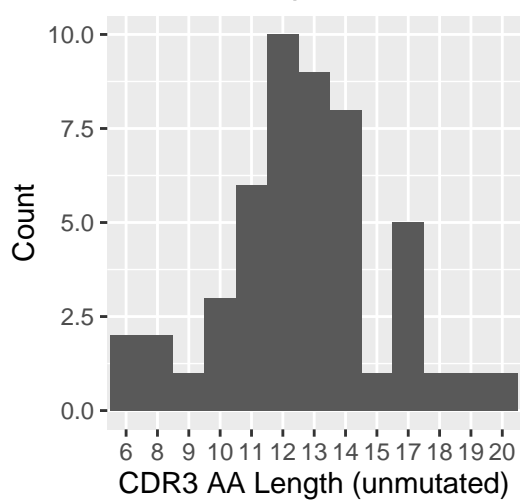


TRBV7-9*ap01

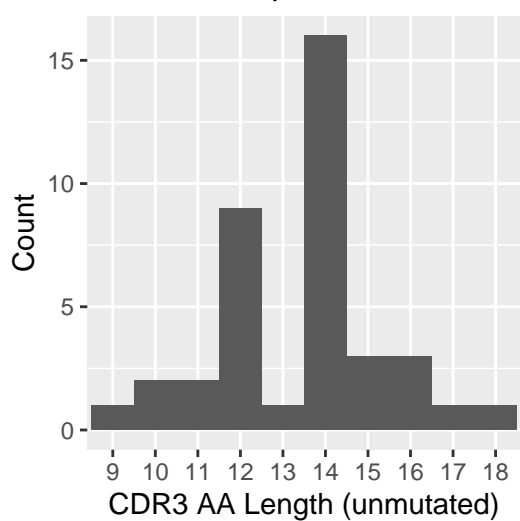
10112 sequences assigned
10055 (99.4%) exact matches, in which:
9992 unique CDR3
13 unique J



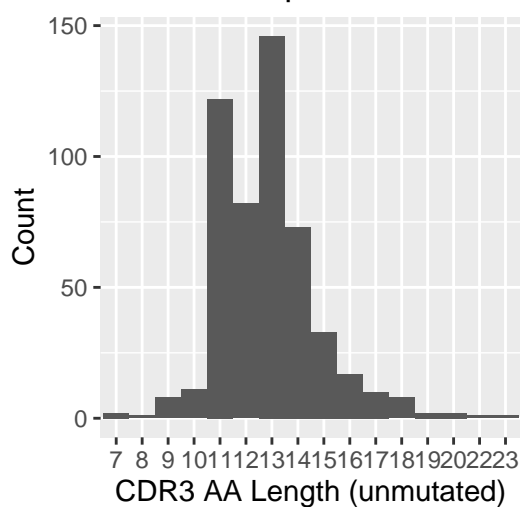
TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





[illegible]