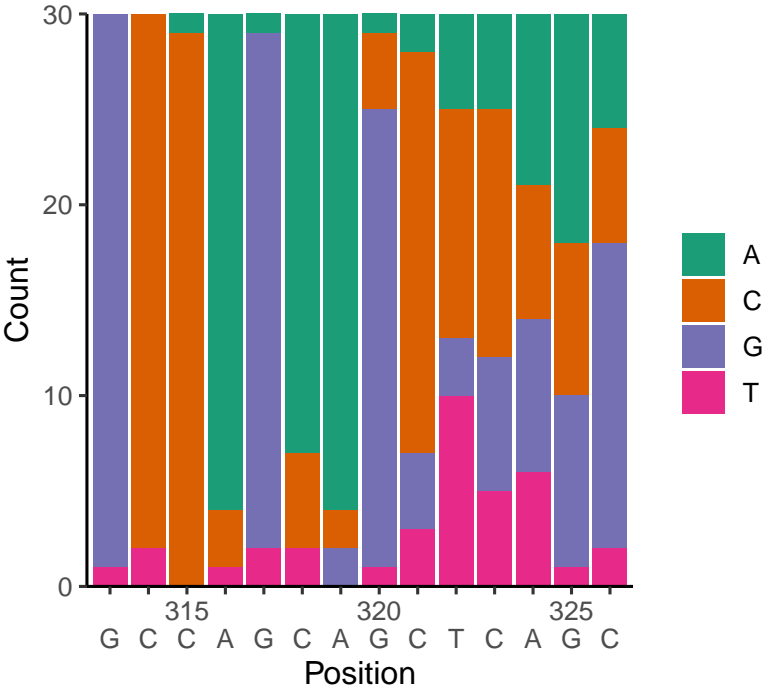
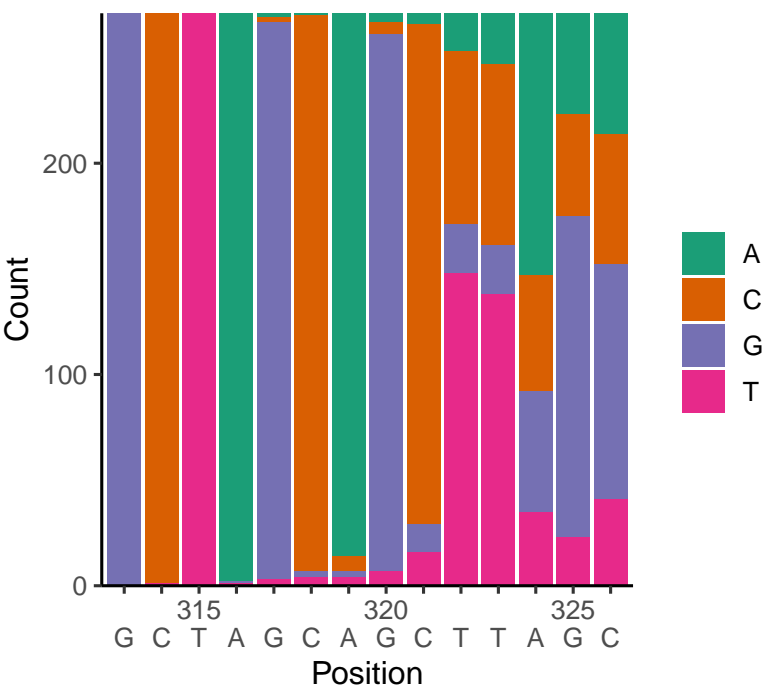


Gene TRBV7-1*ap01_T296C



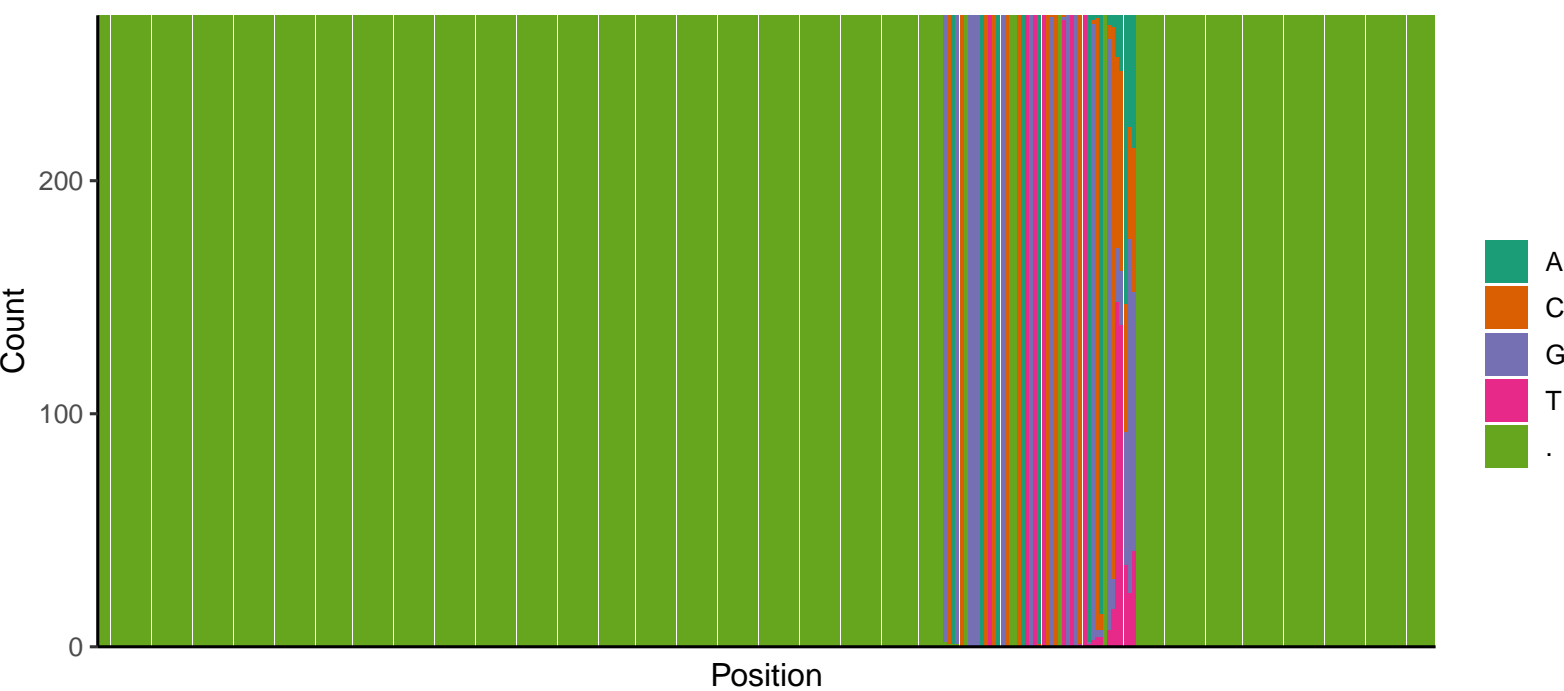
Gene TRBV7-7*ap01_C315T



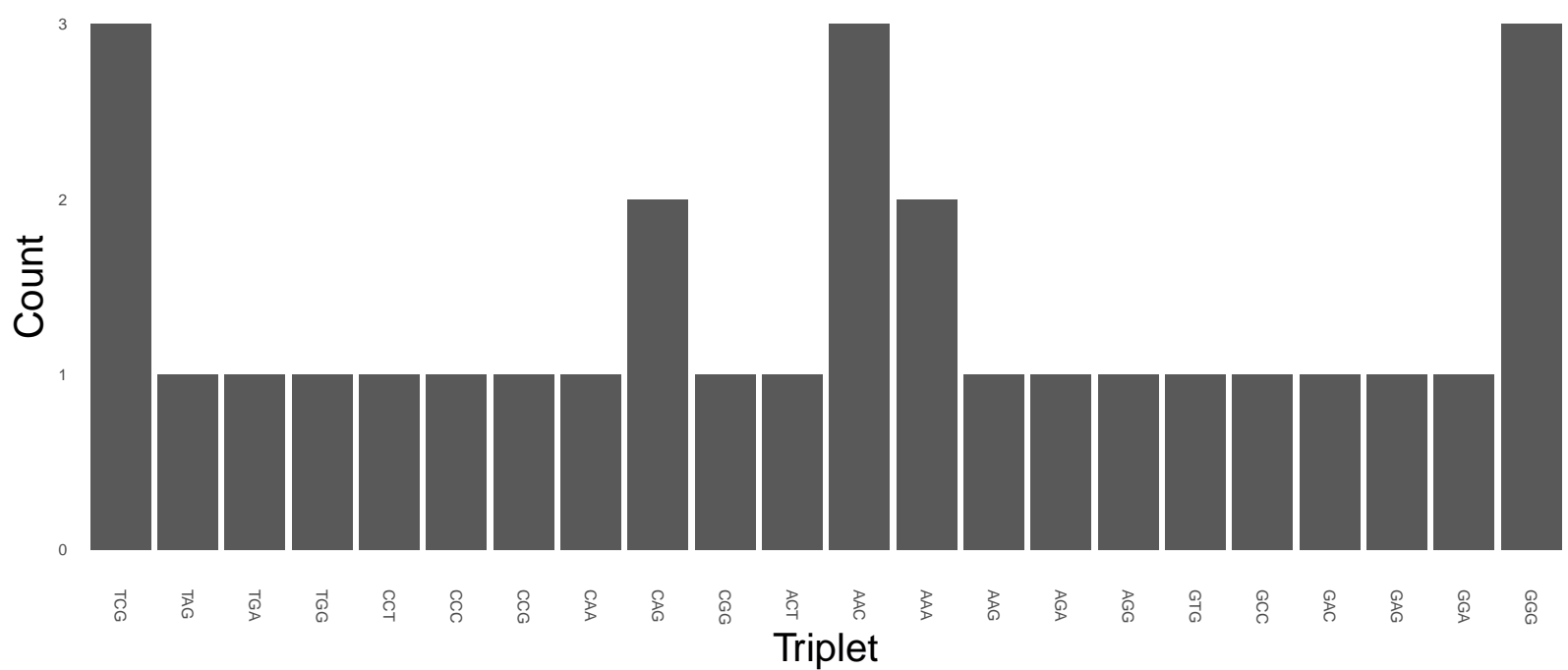
Gene TRBV7-1*ap01_T296C



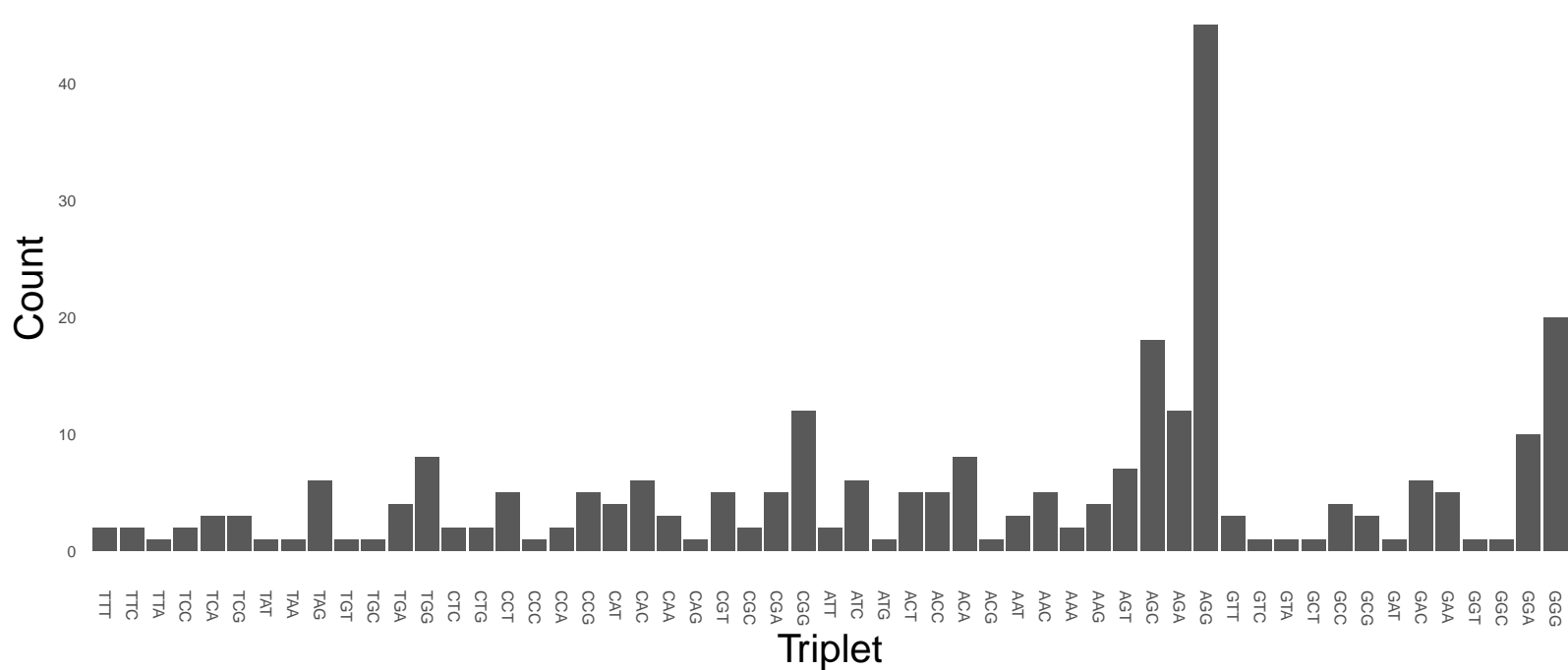
Gene TRBV7-7*ap01_C315T



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

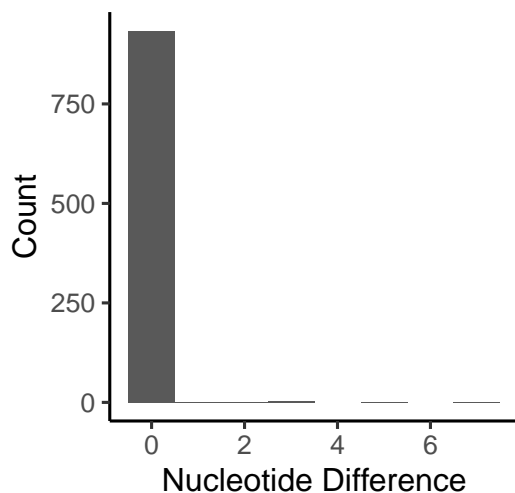


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



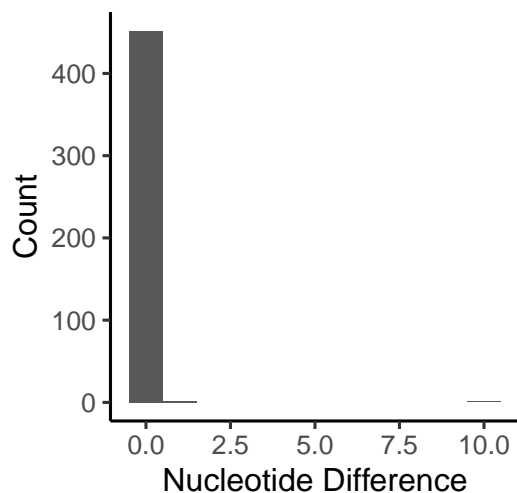
TRBV10–1*ap01

943 sequences assigned
934 (99%) exact matches, in which:
920 unique CDR3
13 unique J



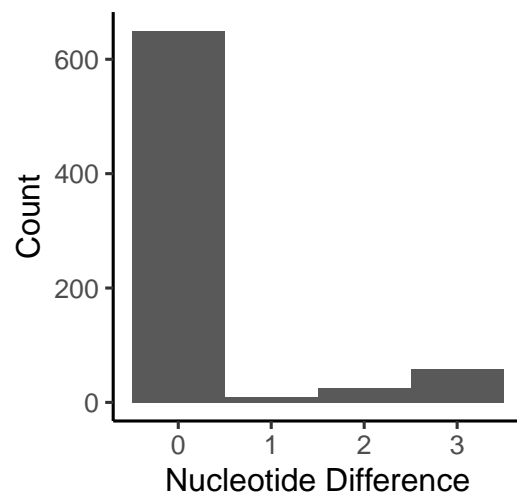
TRBV10–2*ap01

455 sequences assigned
452 (99.3%) exact matches, in which:
447 unique CDR3
13 unique J



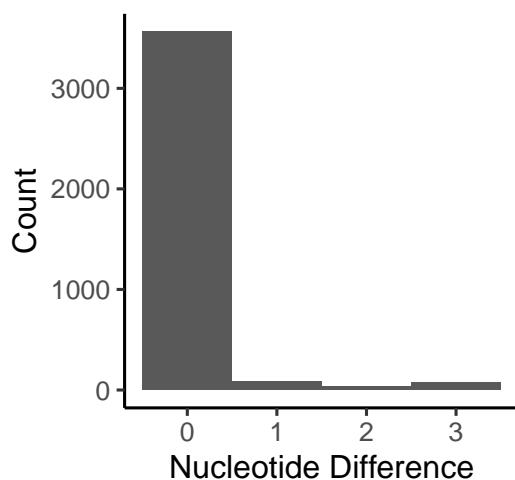
TRBV13*ap01

743 sequences assigned
650 (87.5%) exact matches, in which:
639 unique CDR3
13 unique J



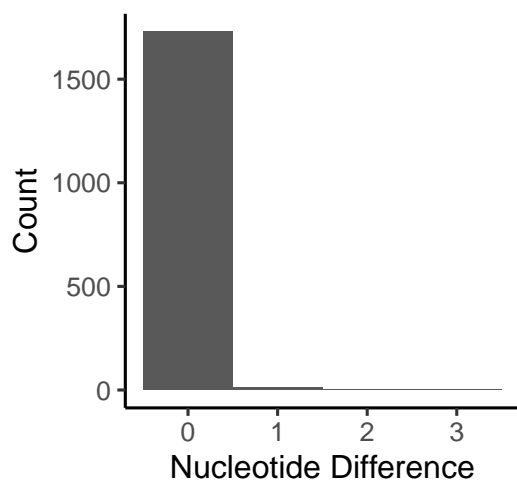
TRBV20–1*ap01

3762 sequences assigned
3563 (94.7%) exact matches, in which:
3470 unique CDR3
13 unique J



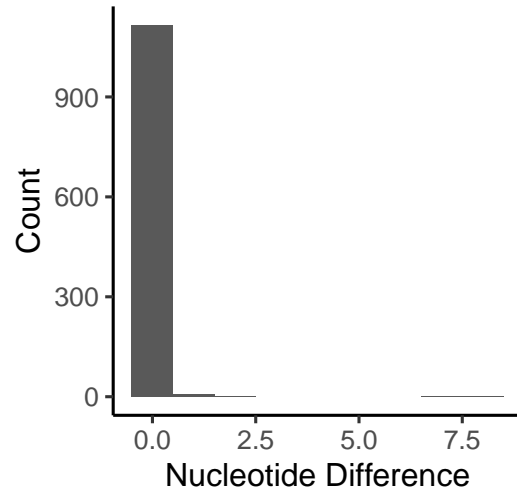
TRBV10–3*ap01

1748 sequences assigned
1729 (98.9%) exact matches, in which:
1707 unique CDR3
13 unique J



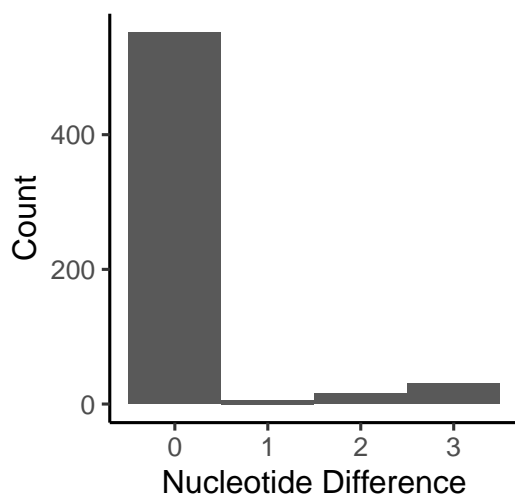
TRBV14*ap01

1127 sequences assigned
1116 (99%) exact matches, in which:
1106 unique CDR3
13 unique J



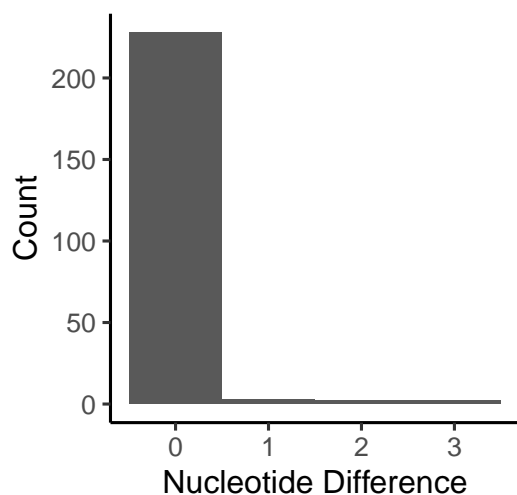
TRBV20–1*ap02

604 sequences assigned
552 (91.4%) exact matches, in which:
538 unique CDR3
13 unique J



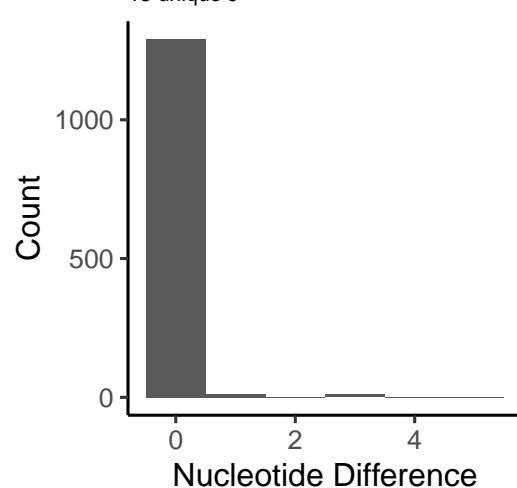
TRBV1*ap01

235 sequences assigned
228 (97%) exact matches, in which:
226 unique CDR3
13 unique J



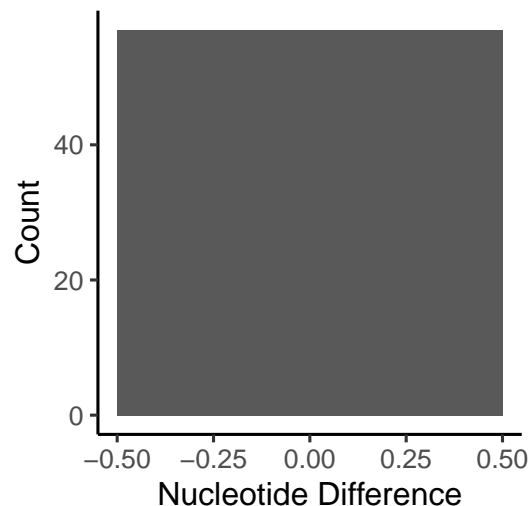
TRBV15*ap02

1317 sequences assigned
1291 (98%) exact matches, in which:
1271 unique CDR3
13 unique J



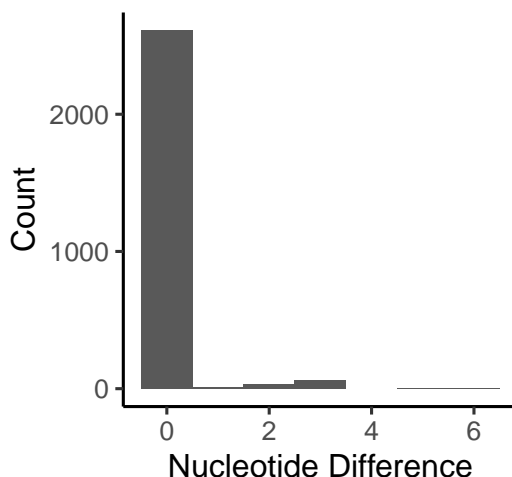
TRBV16*ap01

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



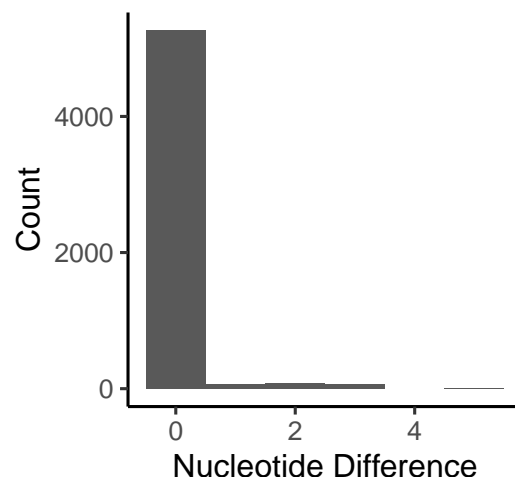
TRBV2*ap01

2725 sequences assigned
2611 (95.8%) exact matches, in which:
2589 unique CDR3
13 unique J



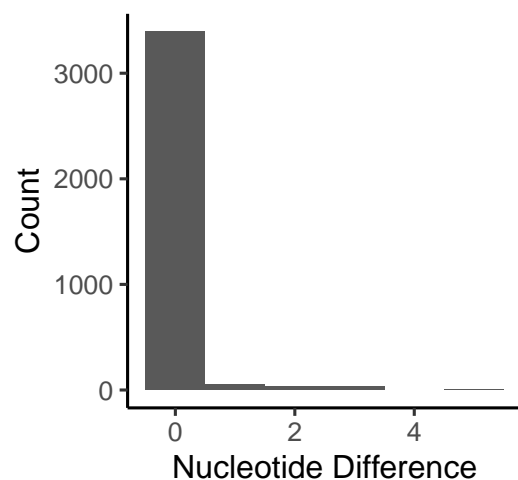
TRBV28*ap01

5475 sequences assigned
5264 (96.1%) exact matches, in which:
5214 unique CDR3
13 unique J



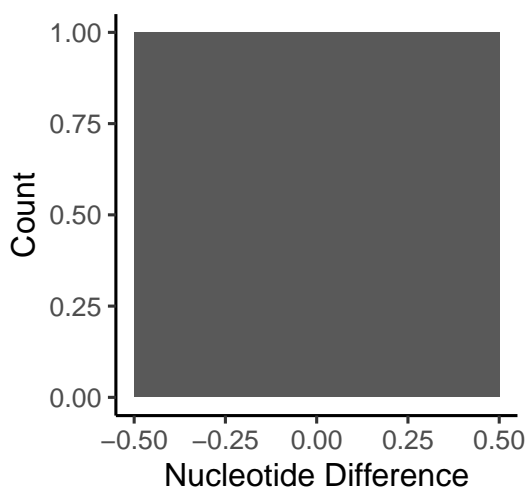
TRBV18*ap01

3511 sequences assigned
3393 (96.6%) exact matches, in which:
3314 unique CDR3
13 unique J



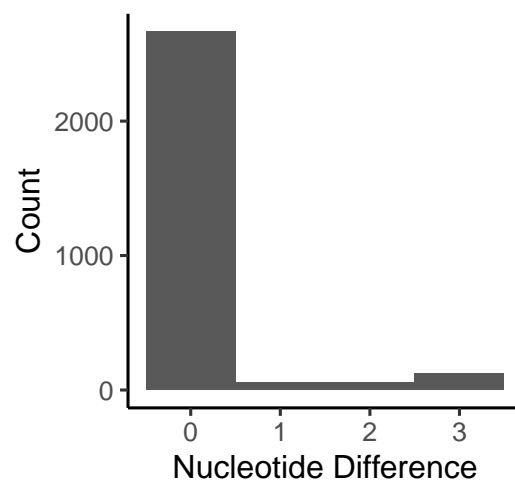
TRBV26*ap01

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



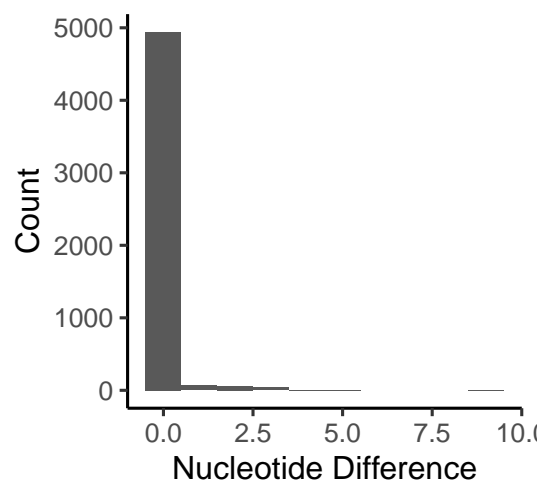
TRBV30*ap01

2896 sequences assigned
2665 (92%) exact matches, in which:
2598 unique CDR3
13 unique J



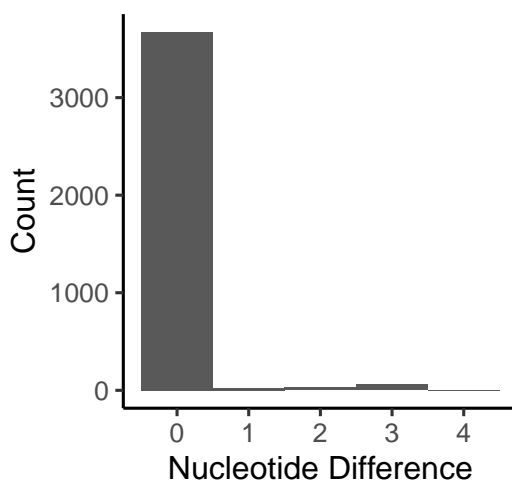
TRBV19*ap01

5111 sequences assigned
4941 (96.7%) exact matches, in which:
4886 unique CDR3
13 unique J



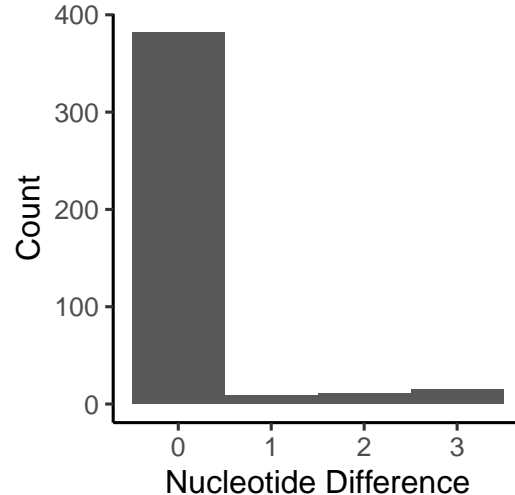
TRBV27*ap01

3785 sequences assigned
3672 (97%) exact matches, in which:
3633 unique CDR3
13 unique J



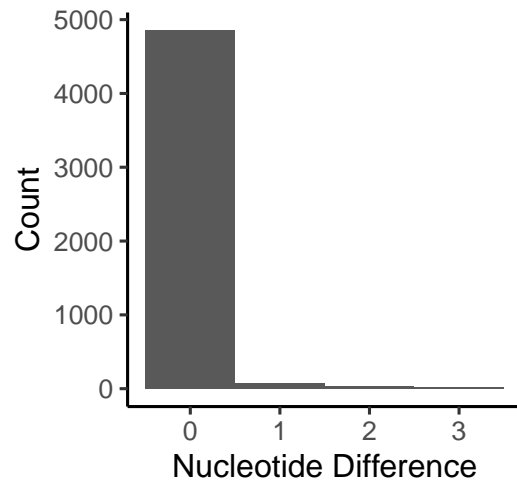
TRBV30*ap03

417 sequences assigned
382 (91.6%) exact matches, in which:
368 unique CDR3
13 unique J



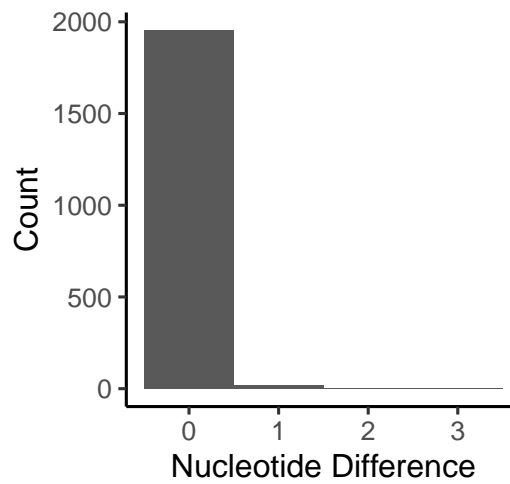
TRBV9*ap01

4986 sequences assigned
4854 (97.4%) exact matches, in which:
4758 unique CDR3
13 unique J



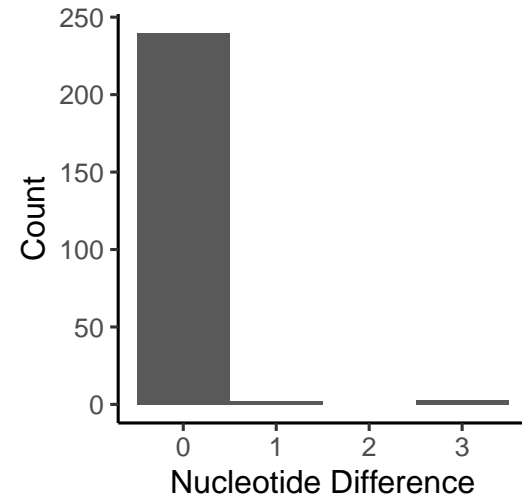
TRBV11-2*ap01

1975 sequences assigned
1953 (98.9%) exact matches, in which:
1929 unique CDR3
13 unique J



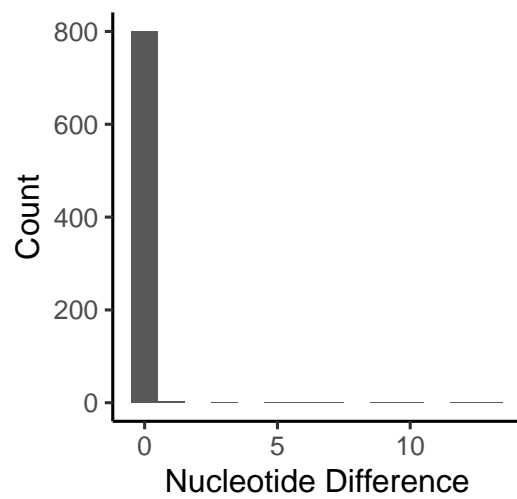
TRBV12-2*ap01

245 sequences assigned
240 (98%) exact matches, in which:
239 unique CDR3
13 unique J



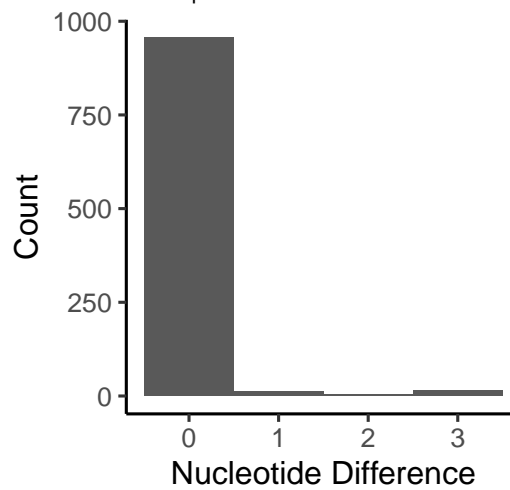
TRBV21-1*ap01

814 sequences assigned
801 (98.4%) exact matches, in which:
795 unique CDR3
13 unique J



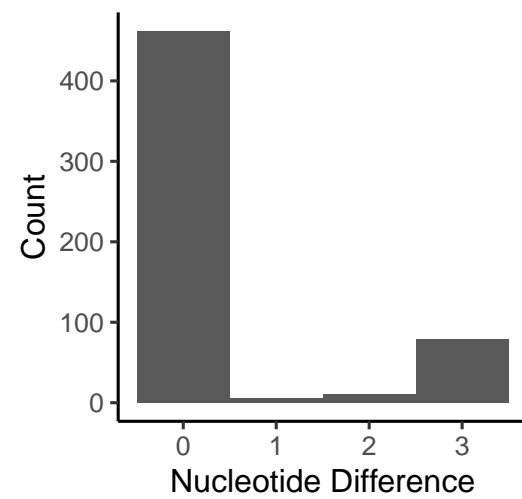
TRBV11-3*ap01

986 sequences assigned
956 (97%) exact matches, in which:
944 unique CDR3
13 unique J



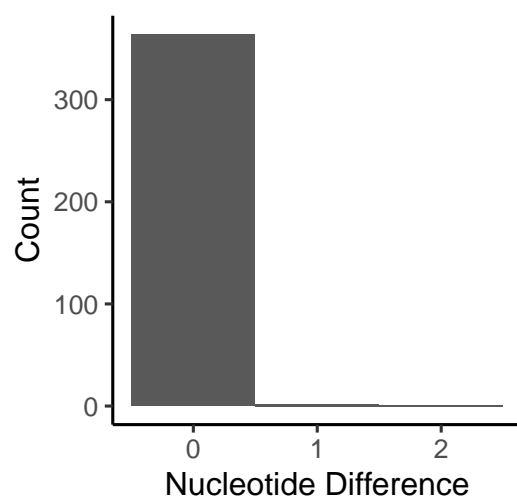
TRBV12-5*ap01

556 sequences assigned
462 (83.1%) exact matches, in which:
454 unique CDR3
13 unique J



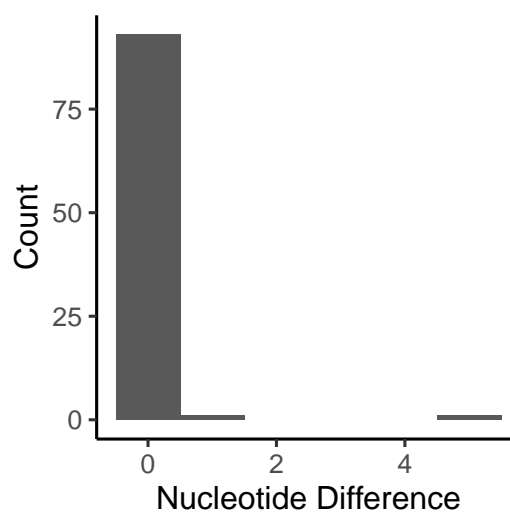
TRBV11-1*ap01

367 sequences assigned
364 (99.2%) exact matches, in which:
361 unique CDR3
13 unique J



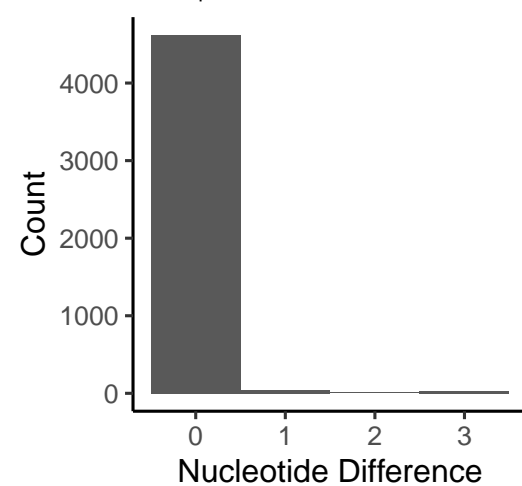
TRBV12-1*ap01

95 sequences assigned
93 (97.9%) exact matches, in which:
93 unique CDR3
12 unique J



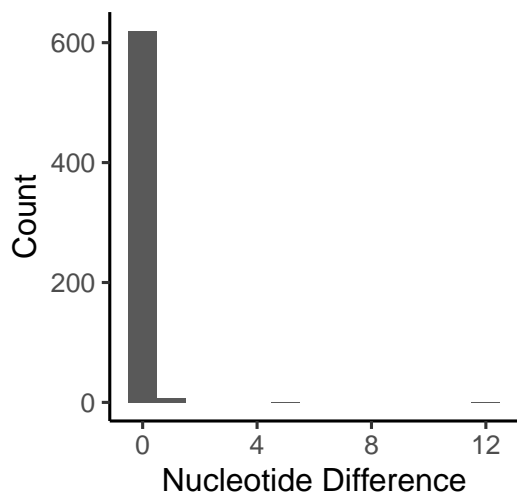
TRBV12-34*ap01

4697 sequences assigned
4619 (98.3%) exact matches, in which:
4563 unique CDR3
13 unique J



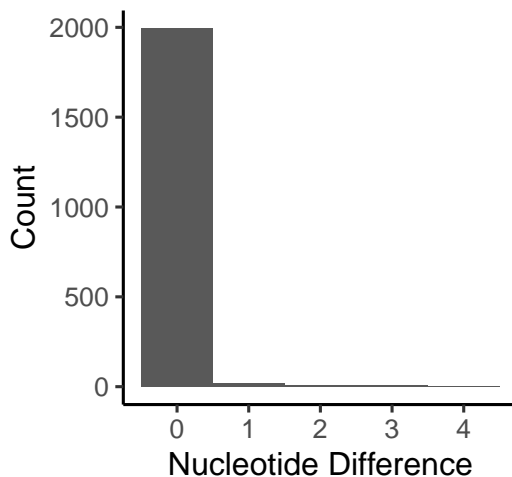
TRBV23–1*ap01

630 sequences assigned
620 (98.4%) exact matches, in which:
602 unique CDR3
13 unique J



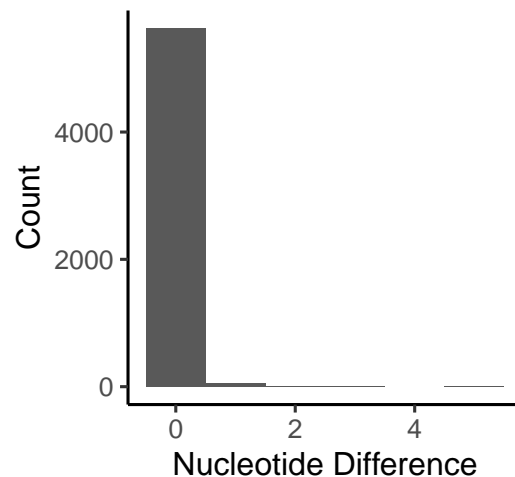
TRBV24–1*ap01

2033 sequences assigned
1994 (98.1%) exact matches, in which:
1962 unique CDR3
13 unique J



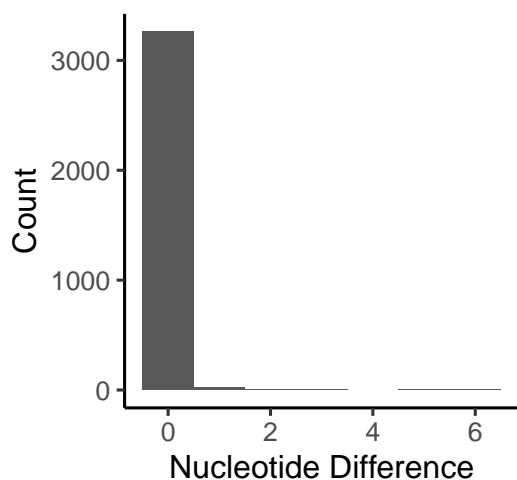
TRBV5–1*ap01

5709 sequences assigned
5628 (98.6%) exact matches, in which:
5540 unique CDR3
13 unique J



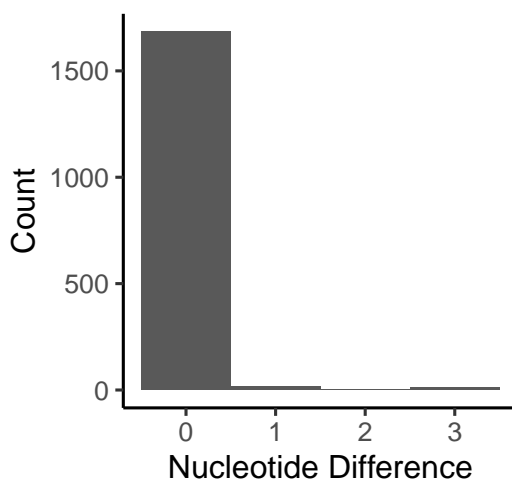
TRBV3–12*ap01

3295 sequences assigned
3261 (99%) exact matches, in which:
3229 unique CDR3
13 unique J



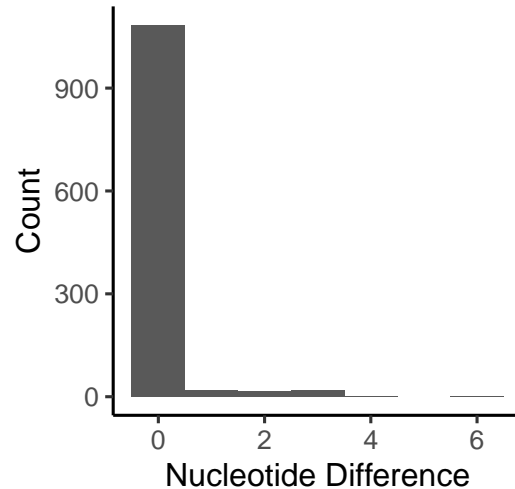
TRBV4–2*ap01

1714 sequences assigned
1684 (98.2%) exact matches, in which:
1659 unique CDR3
13 unique J



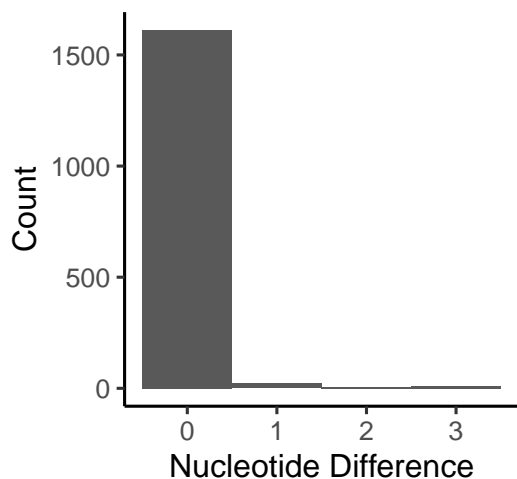
TRBV25–1*ap01

1137 sequences assigned
1084 (95.3%) exact matches, in which:
1055 unique CDR3
13 unique J



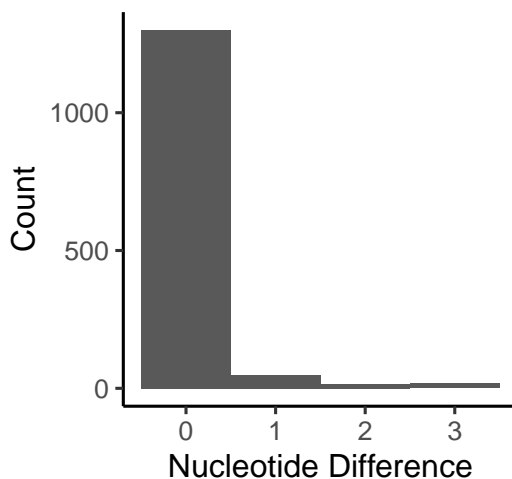
TRBV4–1*ap01

1651 sequences assigned
1612 (97.6%) exact matches, in which:
1569 unique CDR3
13 unique J



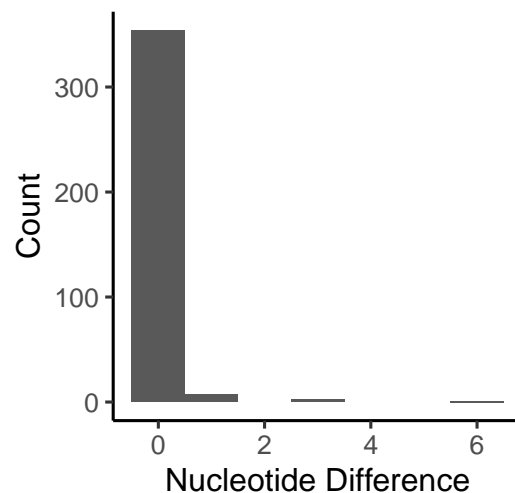
TRBV4–3*ap01

1382 sequences assigned
1300 (94.1%) exact matches, in which:
1275 unique CDR3
13 unique J



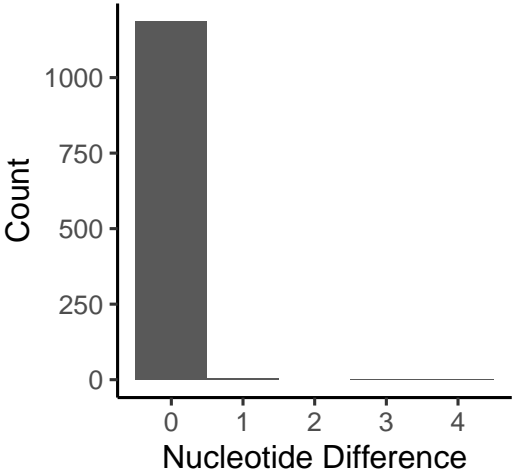
TRBV5–3*ap01

364 sequences assigned
354 (97.3%) exact matches, in which:
351 unique CDR3
13 unique J



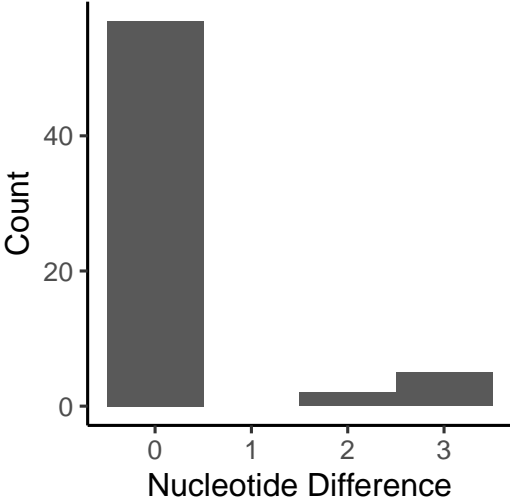
TRBV5-4*ap01

1195 sequences assigned
1186 (99.2%) exact matches, in which:
1169 unique CDR3
13 unique J



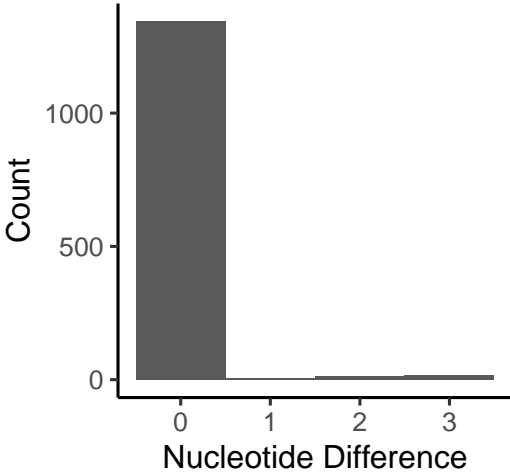
TRBV5-7*ap01

64 sequences assigned
57 (89.1%) exact matches, in which:
55 unique CDR3
12 unique J



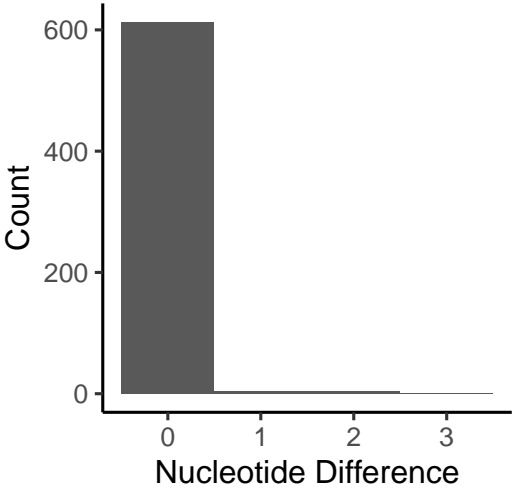
TRBV6-4*ap01

1381 sequences assigned
1344 (97.3%) exact matches, in which:
1333 unique CDR3
13 unique J



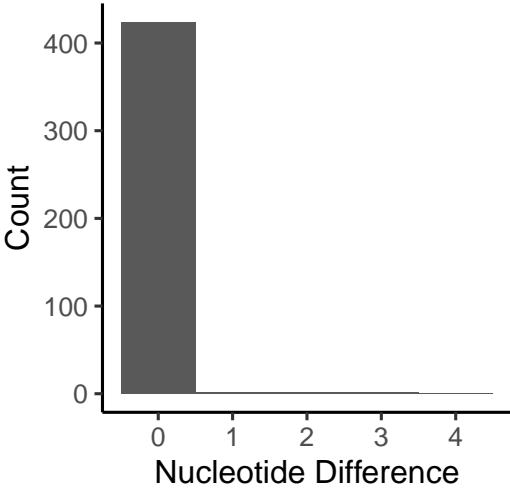
TRBV5-5*ap01

622 sequences assigned
613 (98.6%) exact matches, in which:
604 unique CDR3
13 unique J



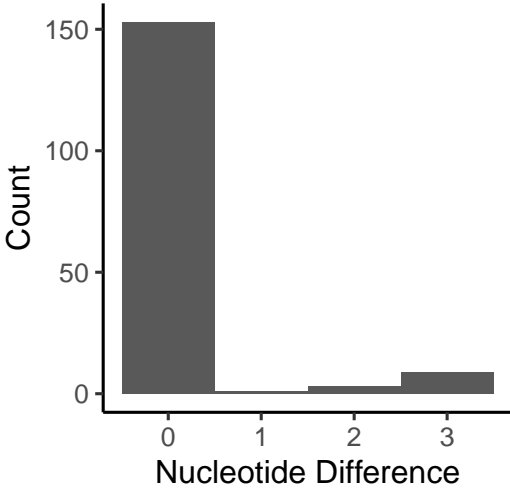
TRBV5-8*ap01

431 sequences assigned
424 (98.4%) exact matches, in which:
419 unique CDR3
13 unique J



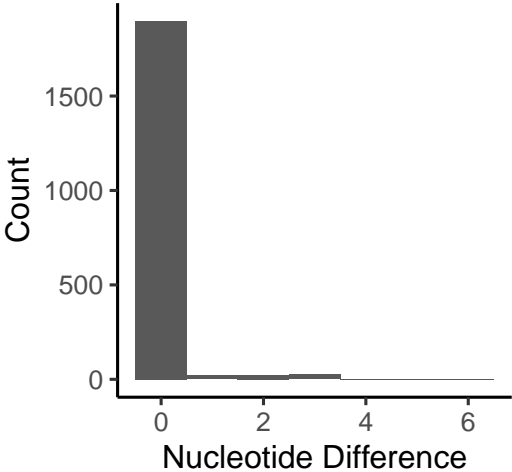
TRBV6-7*ap01

166 sequences assigned
153 (92.2%) exact matches, in which:
149 unique CDR3
13 unique J



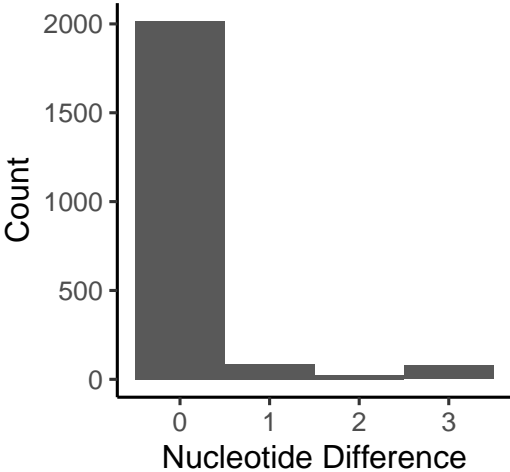
TRBV5-6*ap01

1970 sequences assigned
1897 (96.3%) exact matches, in which:
1859 unique CDR3
13 unique J



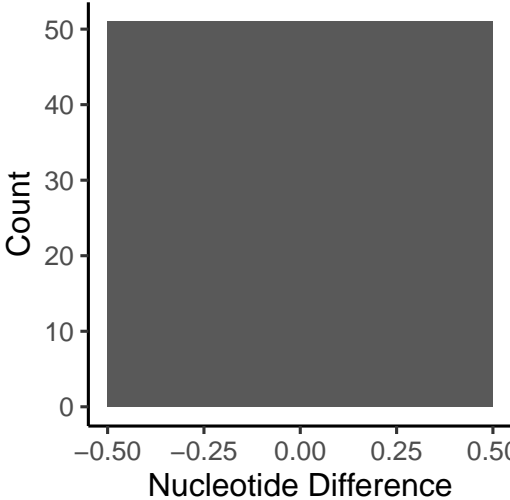
TRBV6-1*ap01

2203 sequences assigned
2016 (91.5%) exact matches, in which:
1982 unique CDR3
13 unique J



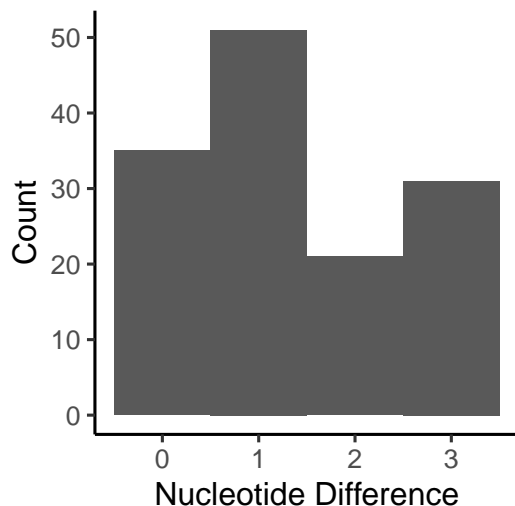
TRBV6-8*ap01

51 sequences assigned
51 (100%) exact matches, in which:
51 unique CDR3
12 unique J



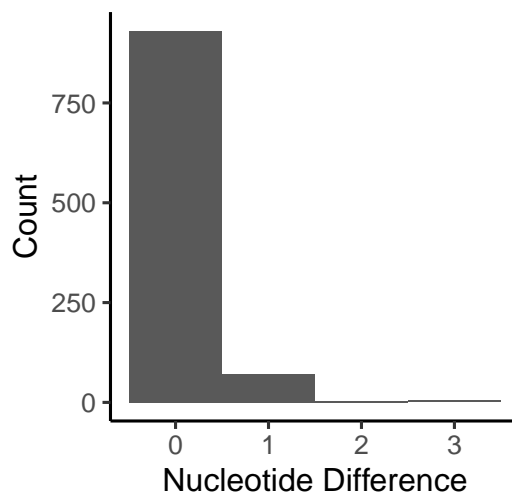
TRBV6-9*ap01

138 sequences assigned
35 (25.4%) exact matches, in which:
33 unique CDR3
12 unique J



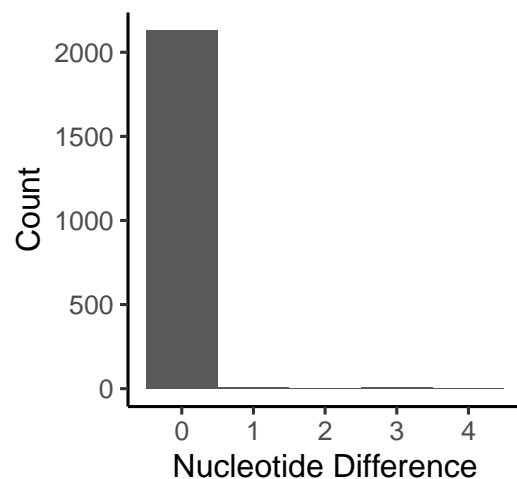
TRBV6-56*ap02

1010 sequences assigned
931 (92.2%) exact matches, in which:
911 unique CDR3
13 unique J



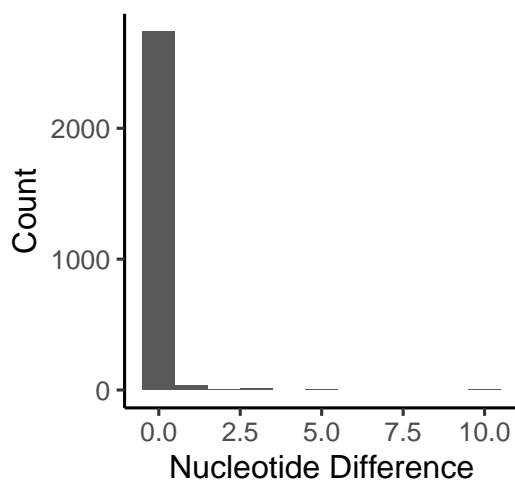
TRBV7-3*ap01

2148 sequences assigned
2130 (99.2%) exact matches, in which:
2105 unique CDR3
13 unique J



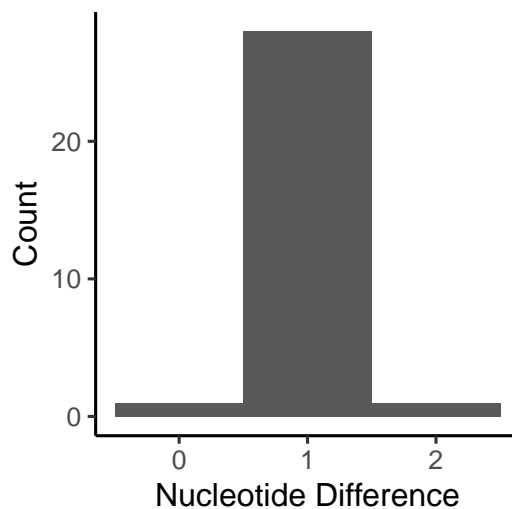
TRBV6-23*ap01

2791 sequences assigned
2738 (98.1%) exact matches, in which:
2686 unique CDR3
13 unique J



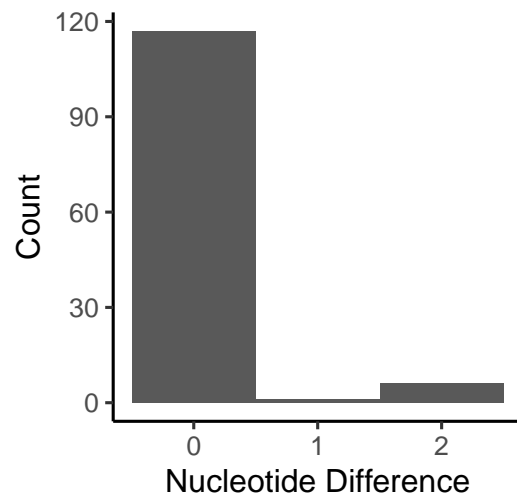
TRBV7-1*ap01_T296C

30 sequences assigned
1 (3.3%) exact matches, in which:
1 unique CDR3
1 unique J



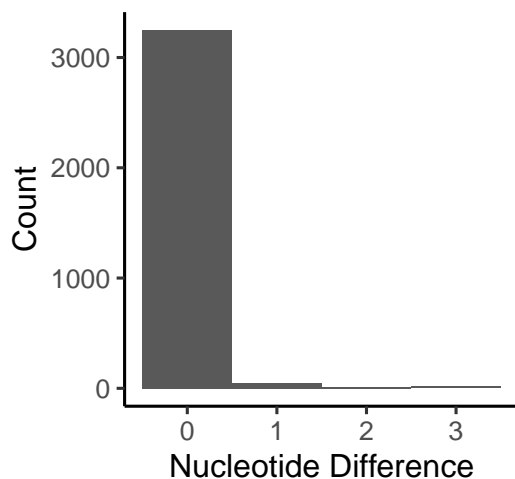
TRBV7-4*ap01

124 sequences assigned
117 (94.4%) exact matches, in which:
116 unique CDR3
13 unique J



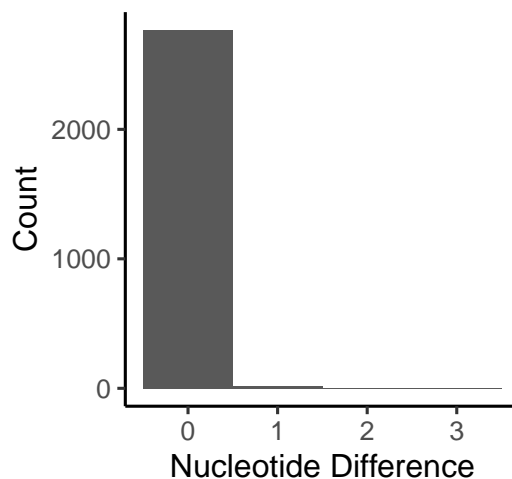
TRBV6-56*ap01

3324 sequences assigned
3249 (97.7%) exact matches, in which:
3162 unique CDR3
13 unique J



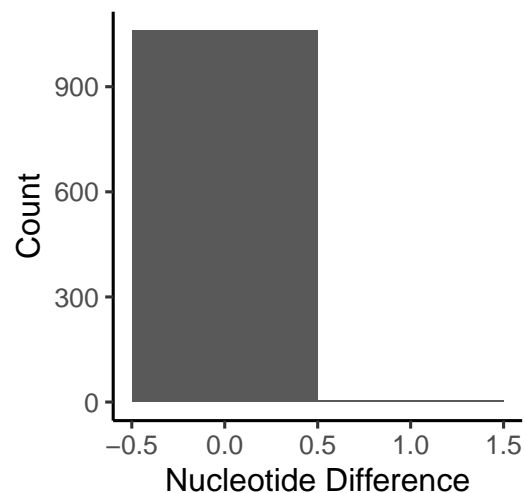
TRBV7-2*ap01

2792 sequences assigned
2767 (99.1%) exact matches, in which:
2734 unique CDR3
13 unique J



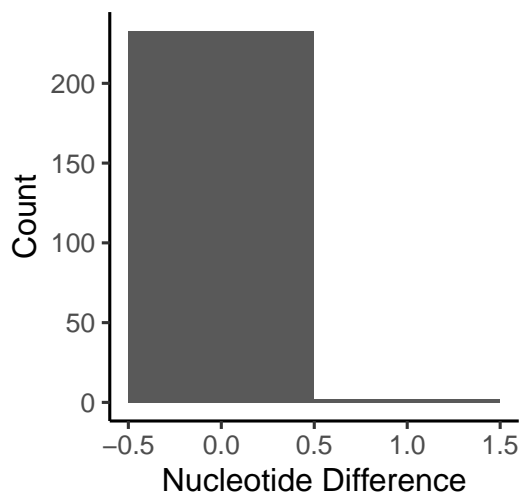
TRBV7-6*ap01

1066 sequences assigned
1061 (99.5%) exact matches, in which:
1049 unique CDR3
13 unique J



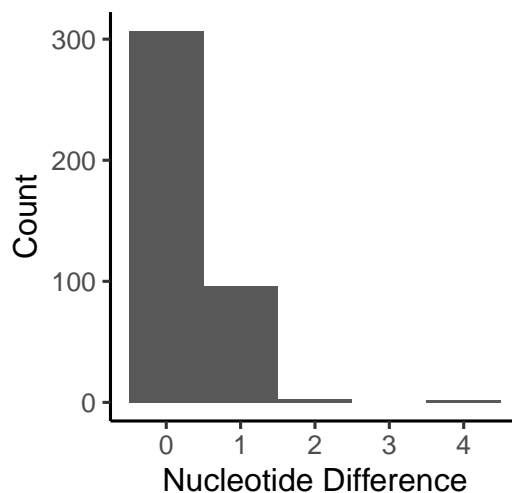
TRBV7-7*ap01

235 sequences assigned
233 (99.1%) exact matches, in which:
230 unique CDR3
13 unique J



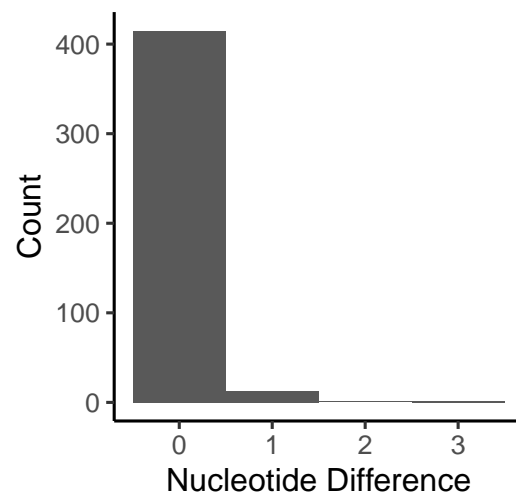
TRBV7-8*ap03

408 sequences assigned
307 (75.2%) exact matches, in which:
304 unique CDR3
13 unique J



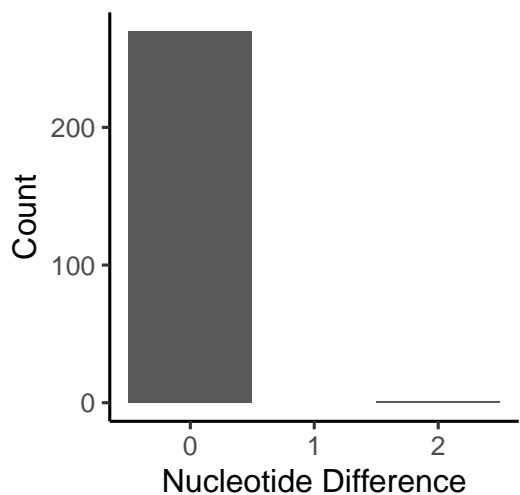
TRBV29-1*ap02

431 sequences assigned
415 (96.3%) exact matches, in which:
405 unique CDR3
13 unique J



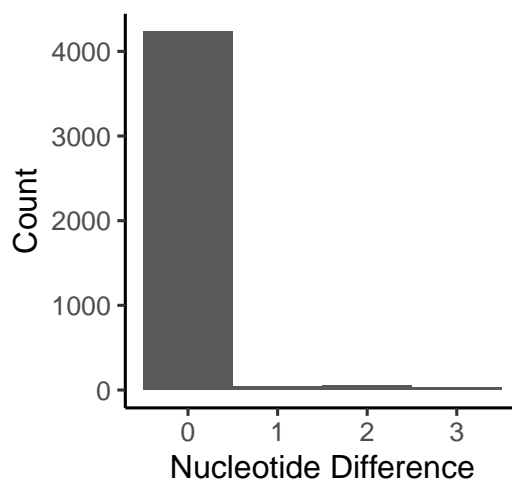
TRBV7-7*ap01_C315T

271 sequences assigned
270 (99.6%) exact matches, in which:
266 unique CDR3
13 unique J



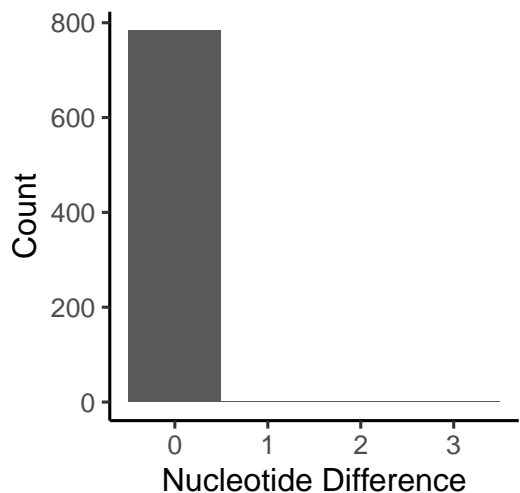
TRBV7-9*ap01

4359 sequences assigned
4232 (97.1%) exact matches, in which:
4163 unique CDR3
14 unique J



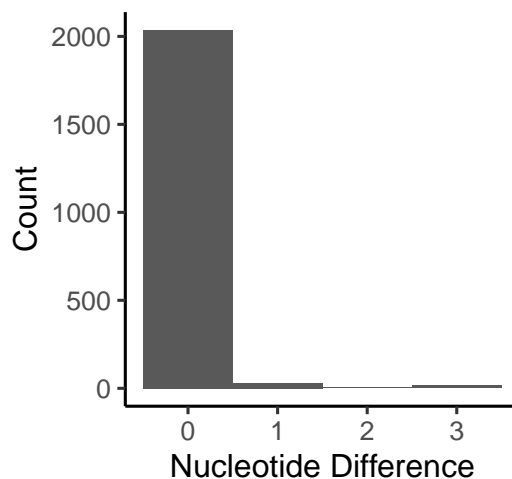
TRBV7-8*ap01

788 sequences assigned
784 (99.5%) exact matches, in which:
776 unique CDR3
13 unique J

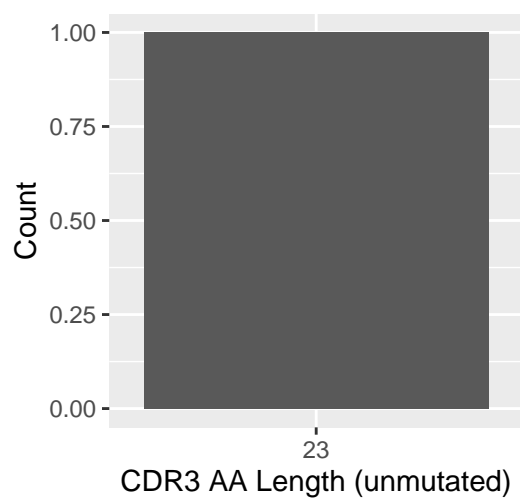


TRBV29-1*ap01

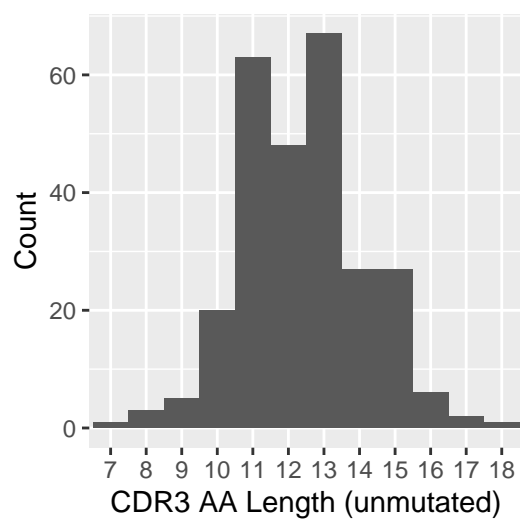
2088 sequences assigned
2036 (97.5%) exact matches, in which:
1981 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.