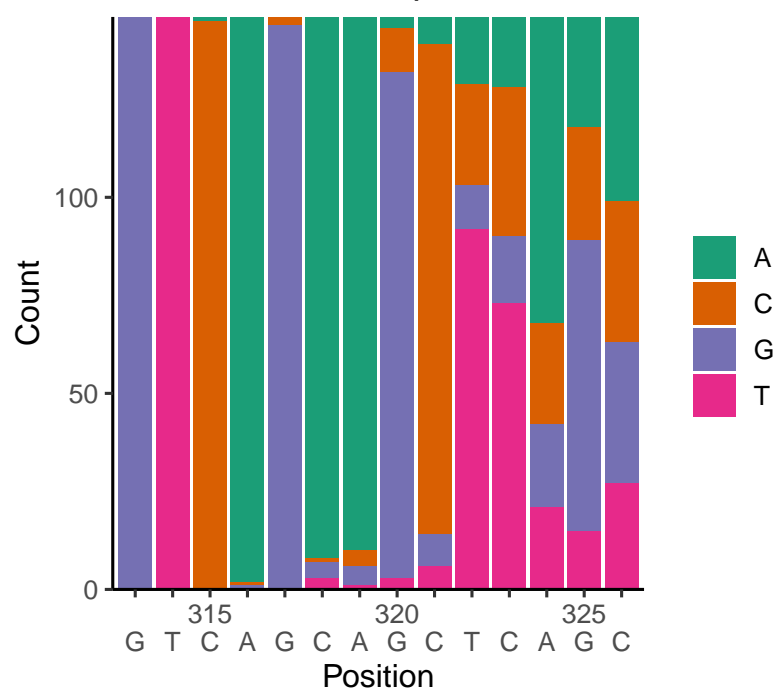
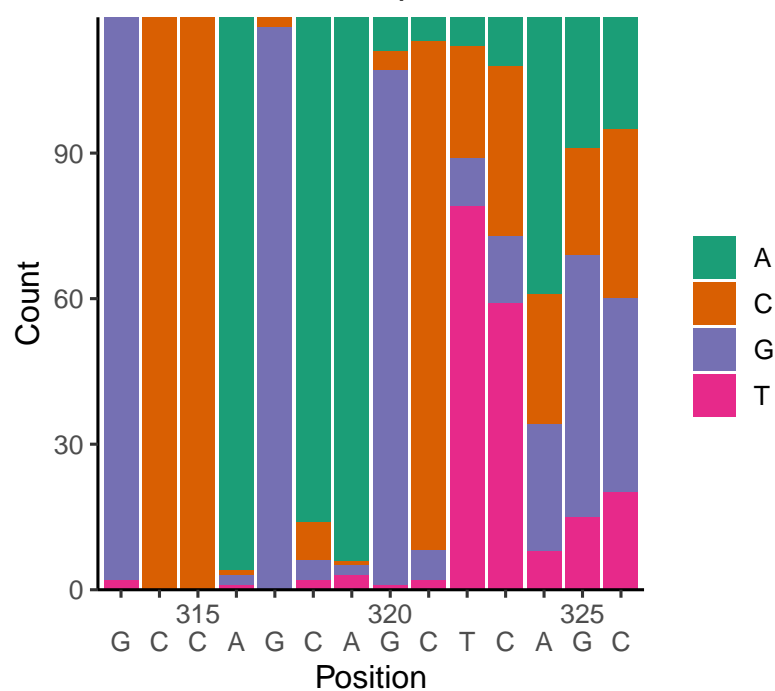


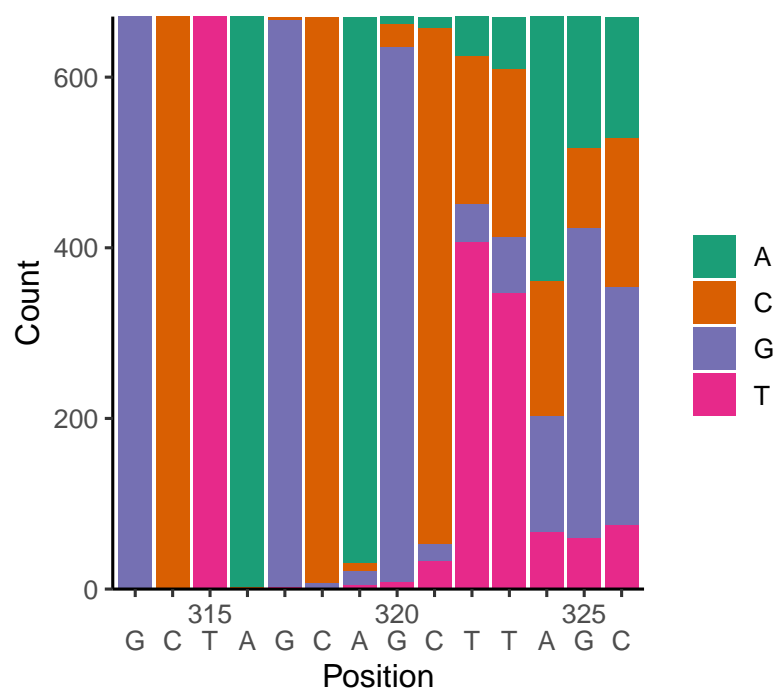
Gene TRBV7-1*ap01_G291C_T296C_C314T



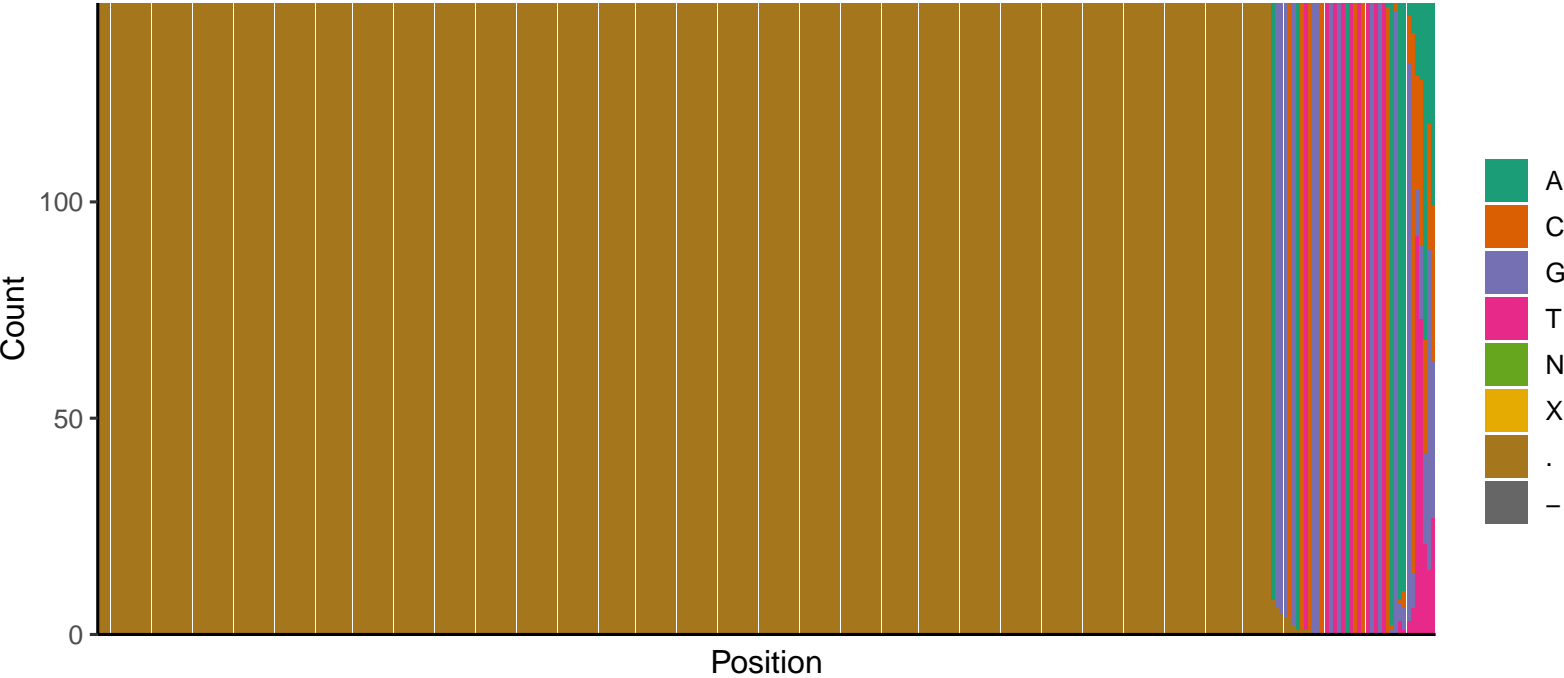
Gene TRBV7-1*ap01_G291C_T296C



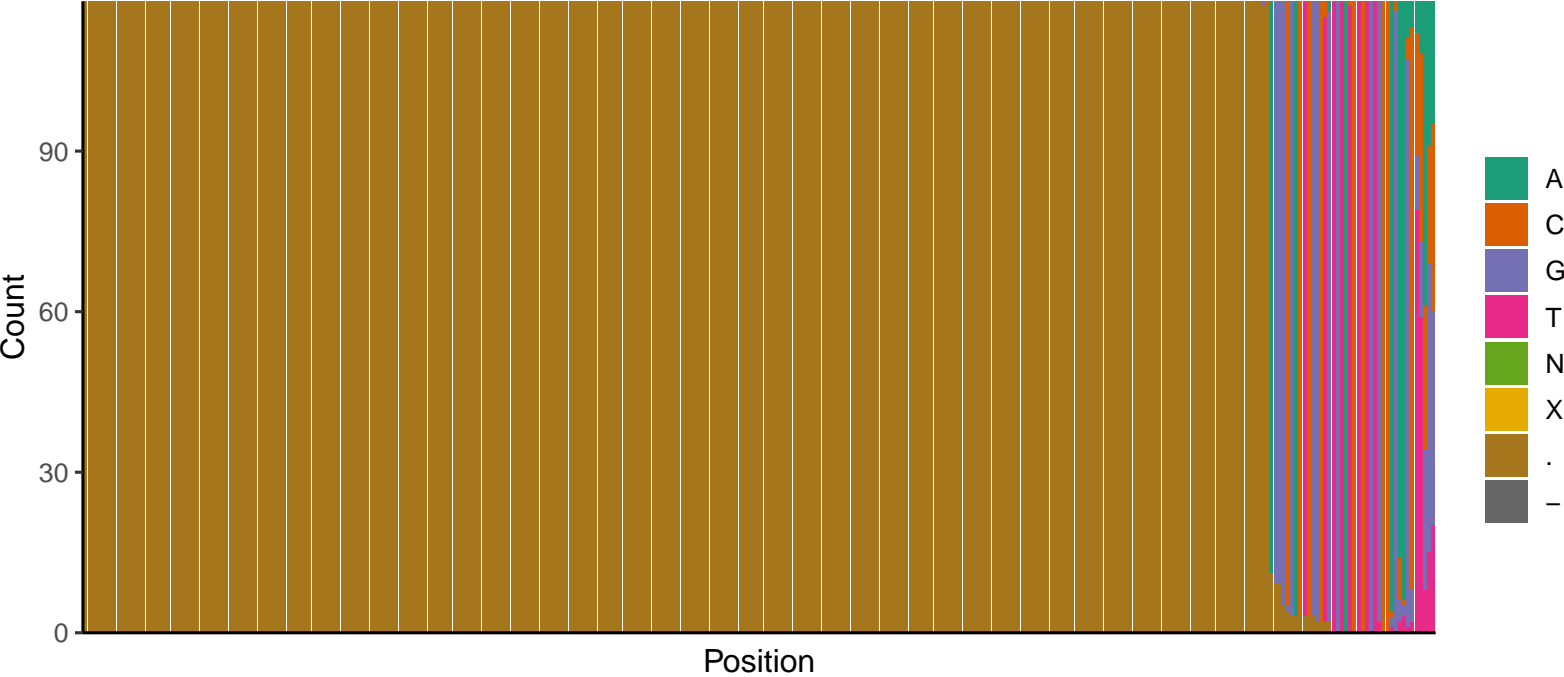
Gene TRBV7-7*ap01_C315T



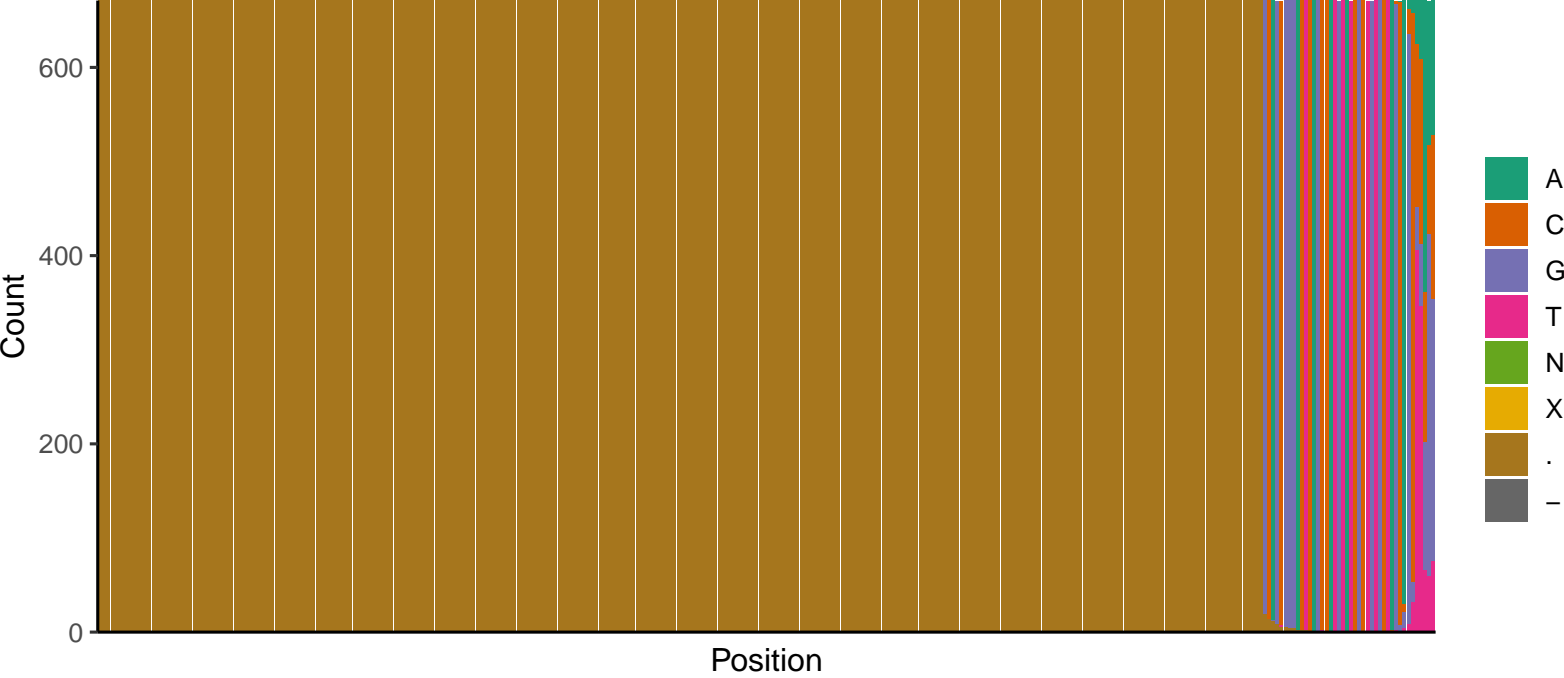
Gene TRBV7-1*ap01_G291C_T296C_C314T



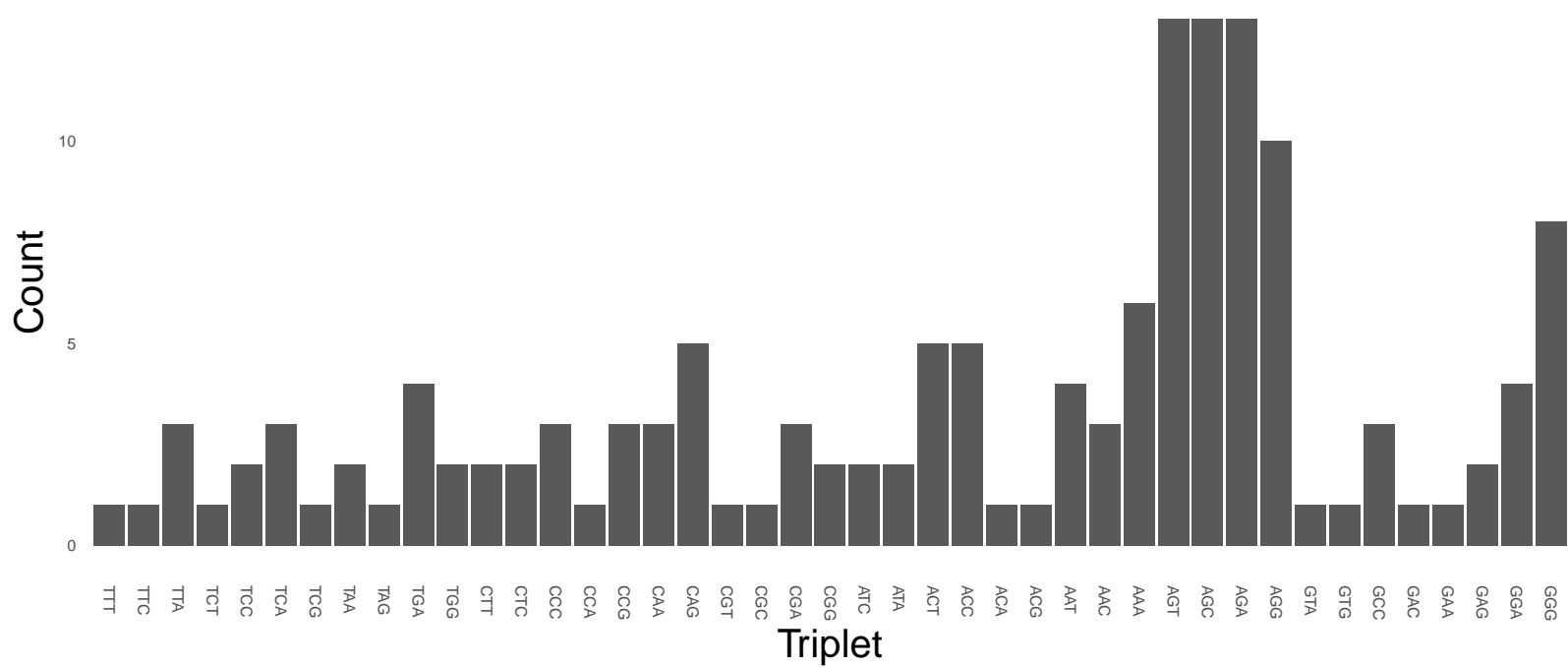
Gene TRBV7-1*ap01_G291C_T296C



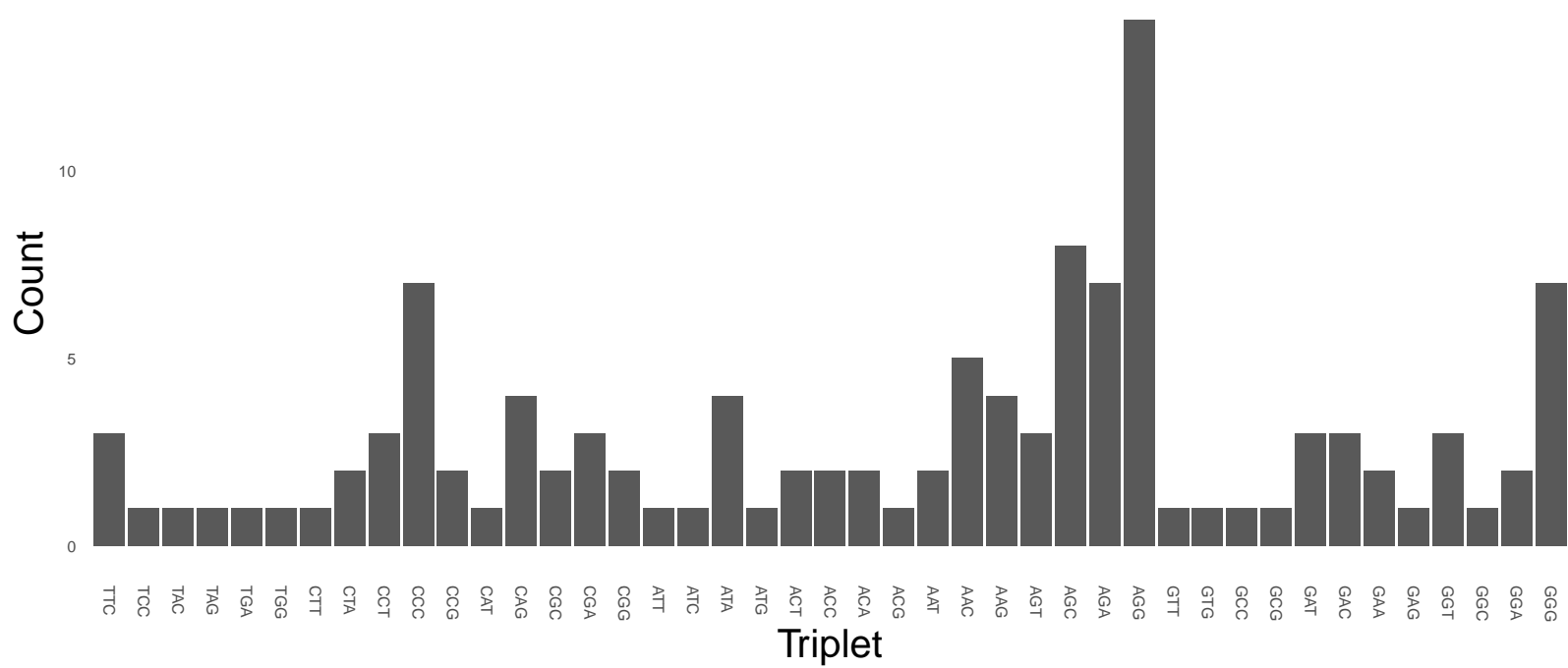
Gene TRBV7-7*ap01_C315T



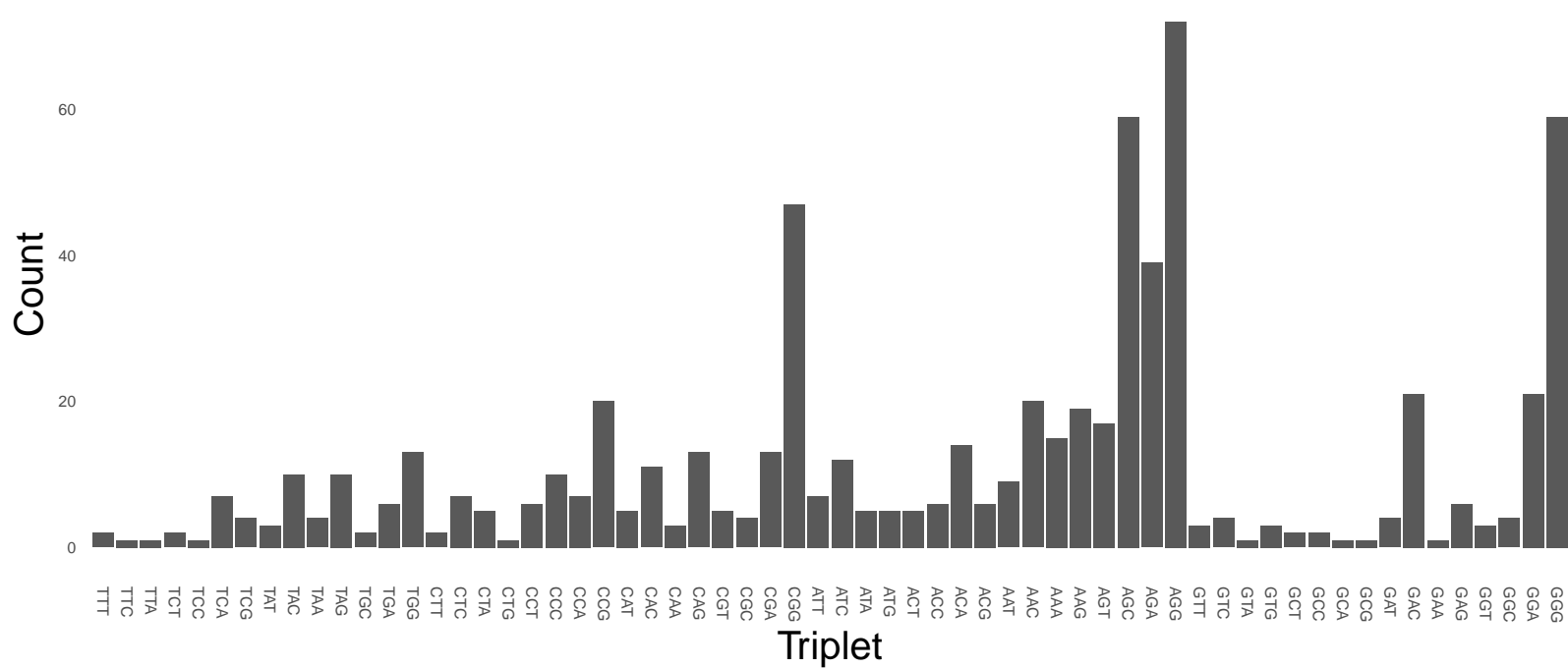
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

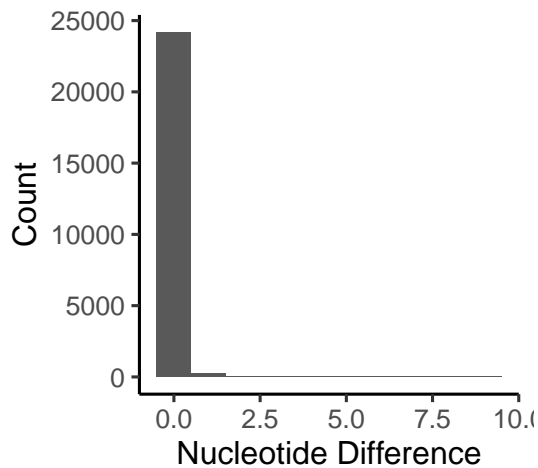


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



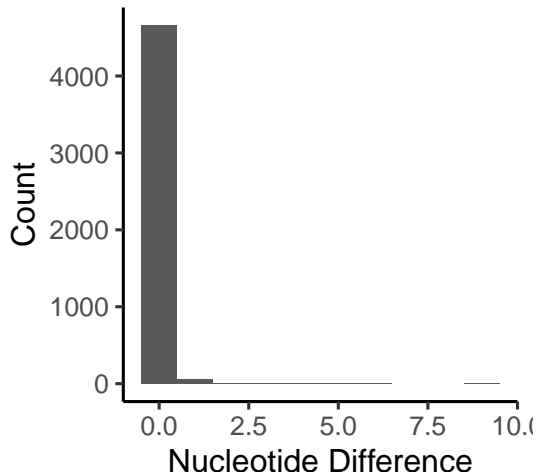
TRBV20-1*ap01

24496 sequences assigned
24189 (98.7%) exact matches, in which:
23916 unique CDR3
14 unique J



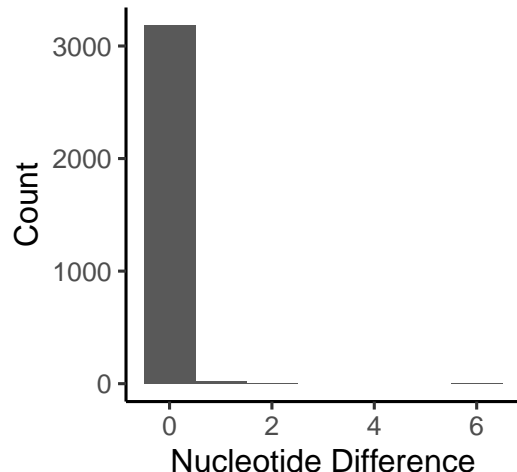
TRBV10-3*ap01

4733 sequences assigned
4658 (98.4%) exact matches, in which:
4591 unique CDR3
13 unique J



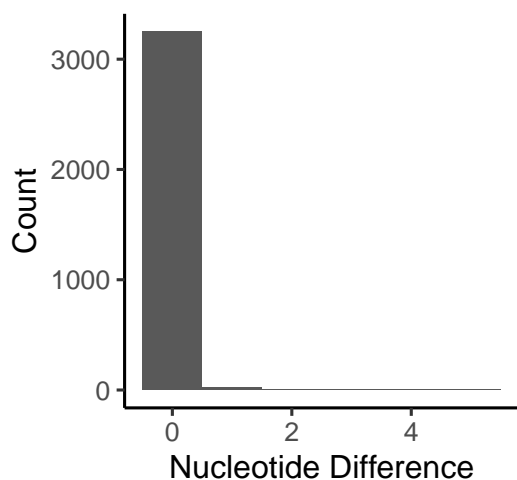
TRBV14*ap01

3208 sequences assigned
3183 (99.2%) exact matches, in which:
3152 unique CDR3
13 unique J



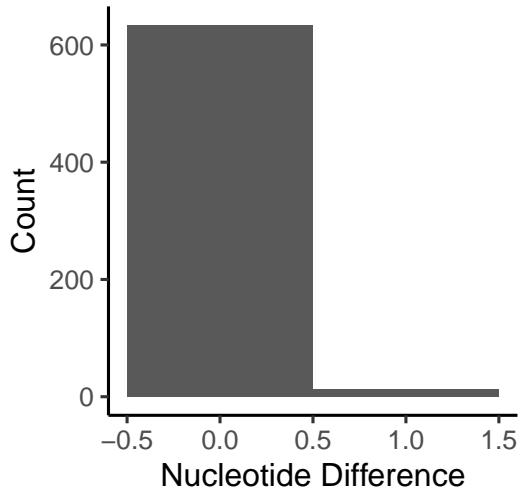
TRBV10-1*ap01

3284 sequences assigned
3249 (98.9%) exact matches, in which:
3197 unique CDR3
13 unique J



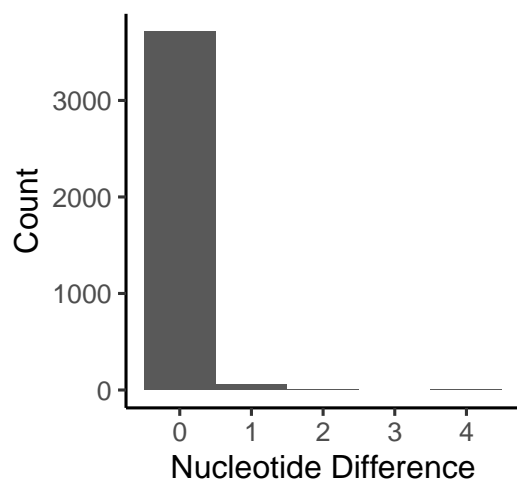
TRBV1*ap01

647 sequences assigned
634 (98%) exact matches, in which:
620 unique CDR3
13 unique J



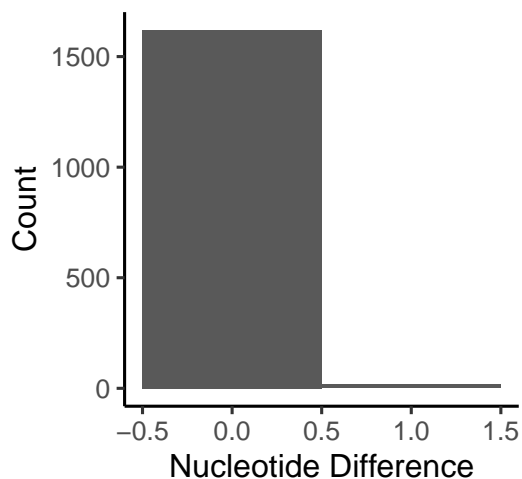
TRBV15*ap02

3772 sequences assigned
3712 (98.4%) exact matches, in which:
3667 unique CDR3
13 unique J



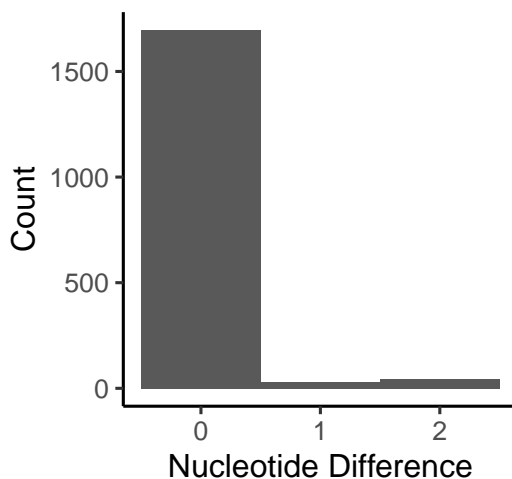
TRBV10-2*ap01

1637 sequences assigned
1620 (99%) exact matches, in which:
1599 unique CDR3
13 unique J



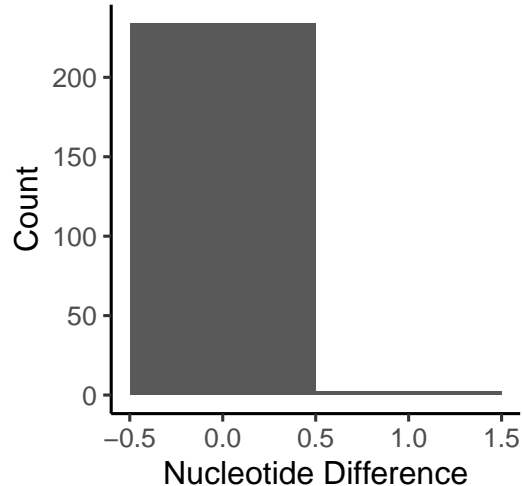
TRBV13*ap01

1769 sequences assigned
1696 (95.9%) exact matches, in which:
1663 unique CDR3
13 unique J



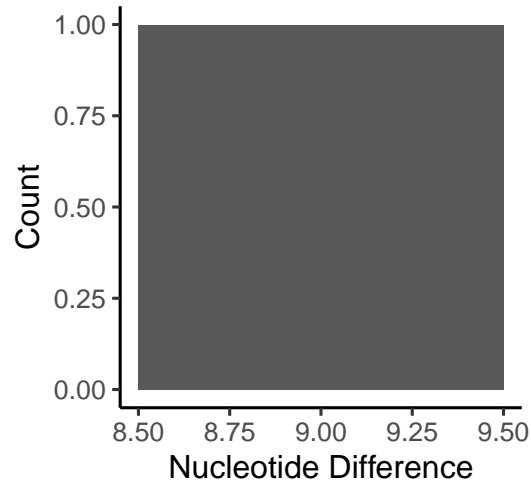
TRBV16*ap01

236 sequences assigned
234 (99.2%) exact matches, in which:
232 unique CDR3
13 unique J



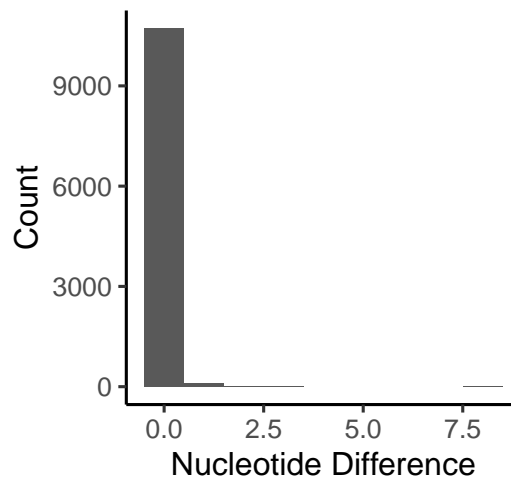
TRBV17*ap01

1 sequences assigned
No exact matches.



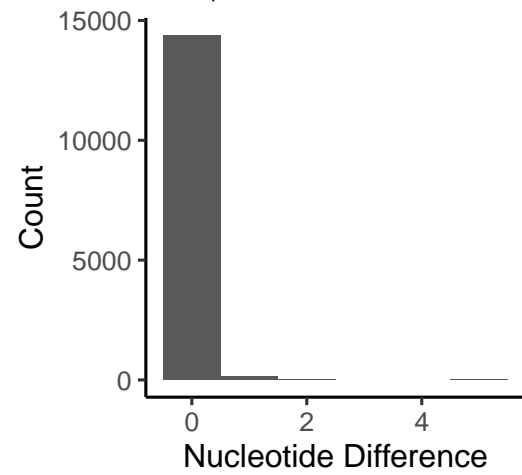
TRBV2*ap01

10826 sequences assigned
10719 (99%) exact matches, in which:
10565 unique CDR3
13 unique J



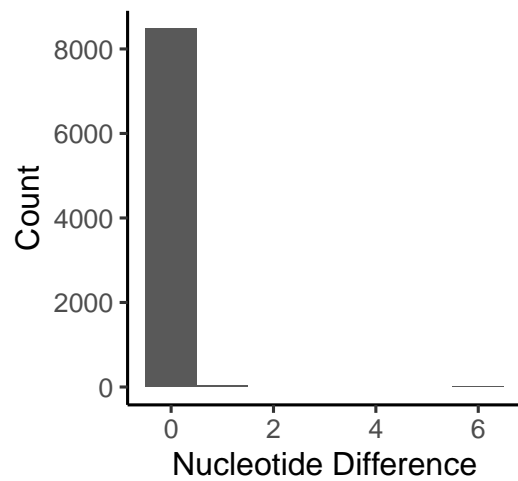
TRBV28*ap01

14533 sequences assigned
14388 (99%) exact matches, in which:
14232 unique CDR3
13 unique J



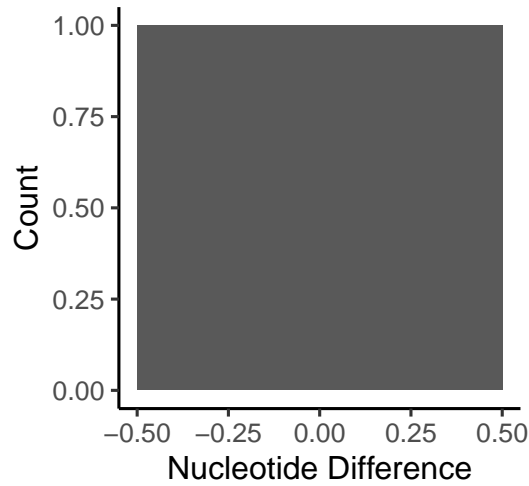
TRBV18*ap01

8521 sequences assigned
8478 (99.5%) exact matches, in which:
8405 unique CDR3
13 unique J



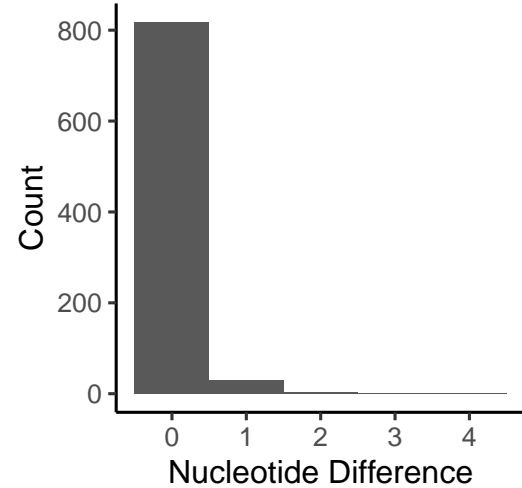
TRBV26*ap01

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



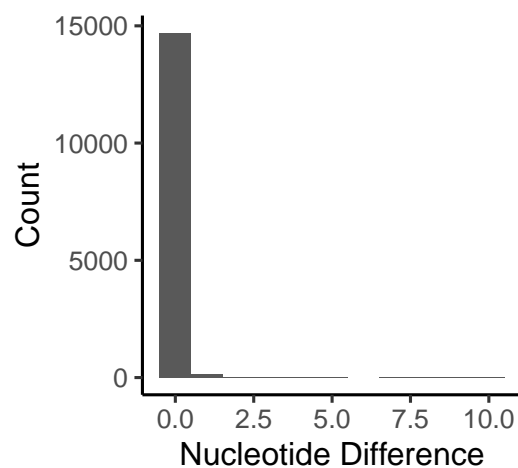
TRBV30*ap02

853 sequences assigned
818 (95.9%) exact matches, in which:
805 unique CDR3
13 unique J



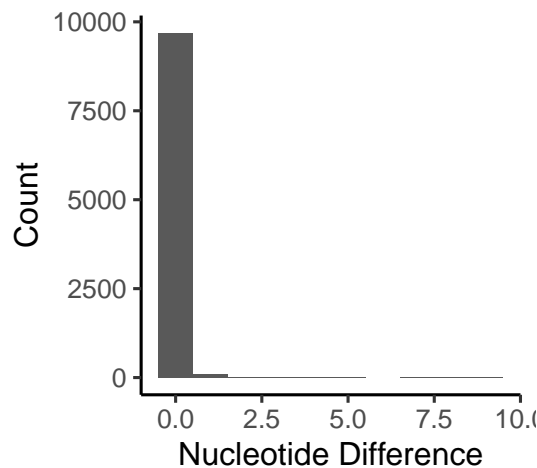
TRBV19*ap01

14879 sequences assigned
14703 (98.8%) exact matches, in which:
14612 unique CDR3
13 unique J



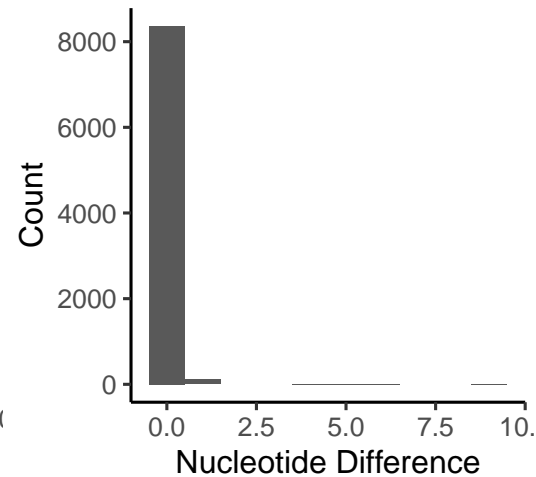
TRBV27*ap01

9806 sequences assigned
9692 (98.8%) exact matches, in which:
9547 unique CDR3
13 unique J



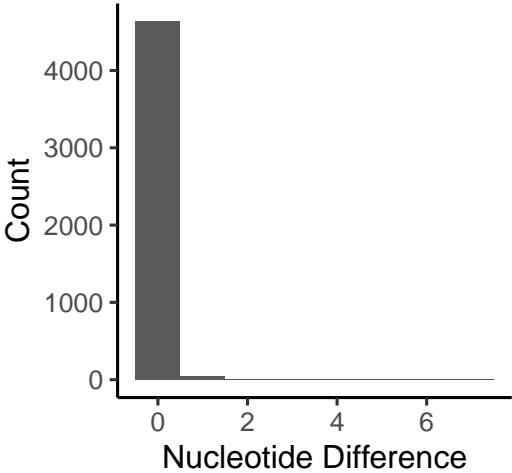
TRBV9*ap01

8482 sequences assigned
8365 (98.6%) exact matches, in which:
8289 unique CDR3
13 unique J



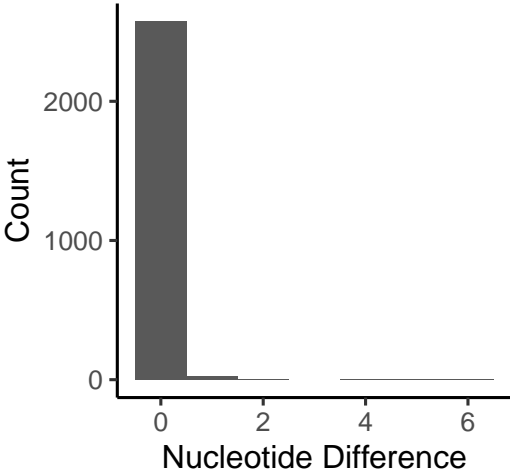
TRBV21-1*ap01

4697 sequences assigned
4635 (98.7%) exact matches, in which:
4614 unique CDR3
13 unique J



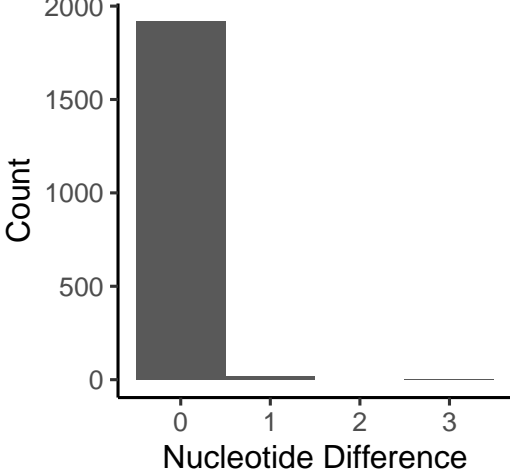
TRBV11-3*ap01

2603 sequences assigned
2574 (98.9%) exact matches, in which:
2565 unique CDR3
13 unique J



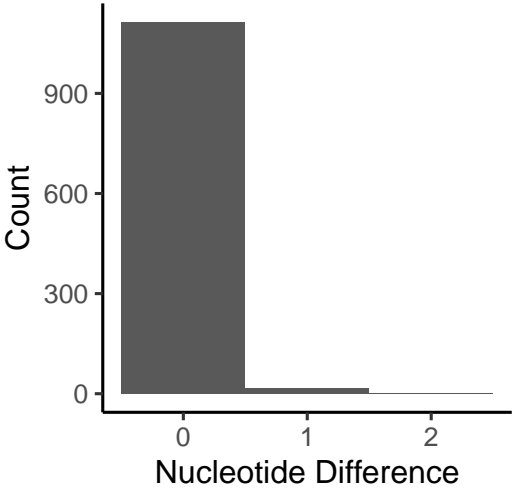
TRBV12-5*ap01

1942 sequences assigned
1918 (98.8%) exact matches, in which:
1887 unique CDR3
13 unique J



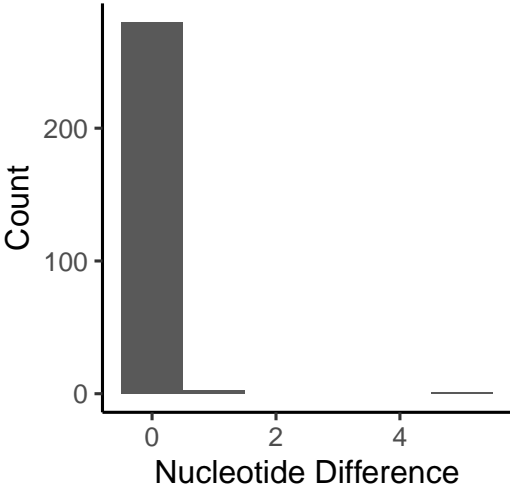
TRBV11-1*ap01

1130 sequences assigned
1114 (98.6%) exact matches, in which:
1104 unique CDR3
13 unique J



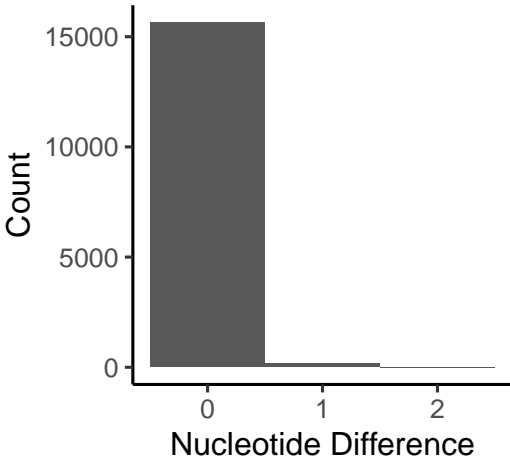
TRBV12-1*ap01

284 sequences assigned
280 (98.6%) exact matches, in which:
278 unique CDR3
13 unique J



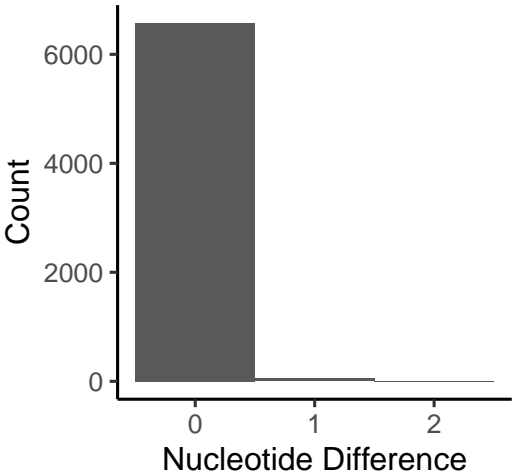
TRBV12-34*ap01

15826 sequences assigned
15647 (98.9%) exact matches, in which:
15404 unique CDR3
13 unique J



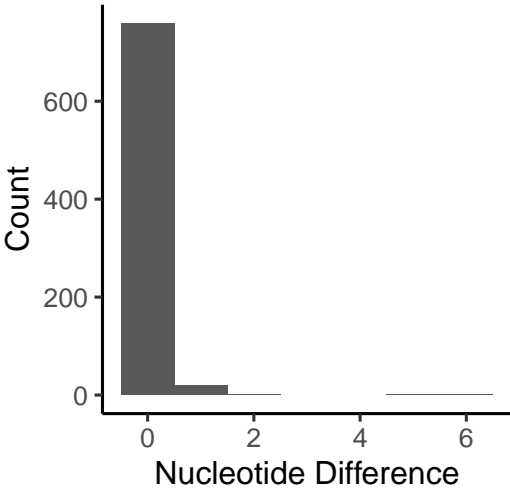
TRBV11-2*ap01

6628 sequences assigned
6574 (99.2%) exact matches, in which:
6523 unique CDR3
13 unique J



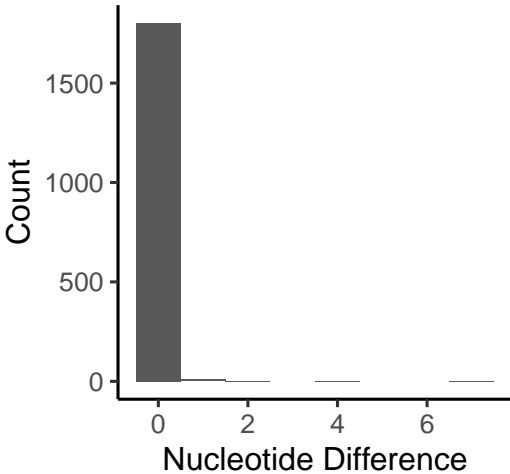
TRBV12-2*ap01

781 sequences assigned
759 (97.2%) exact matches, in which:
752 unique CDR3
13 unique J



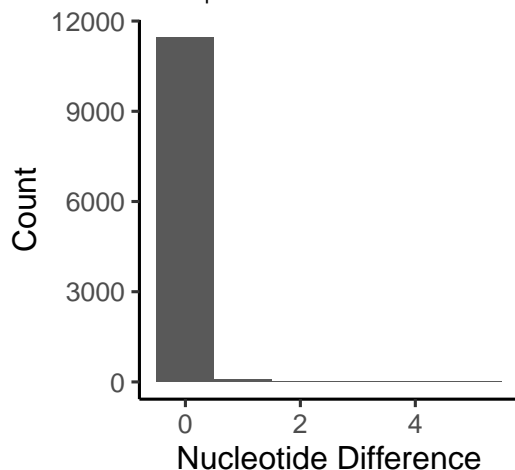
TRBV23-1*ap01

1816 sequences assigned
1802 (99.2%) exact matches, in which:
1779 unique CDR3
13 unique J



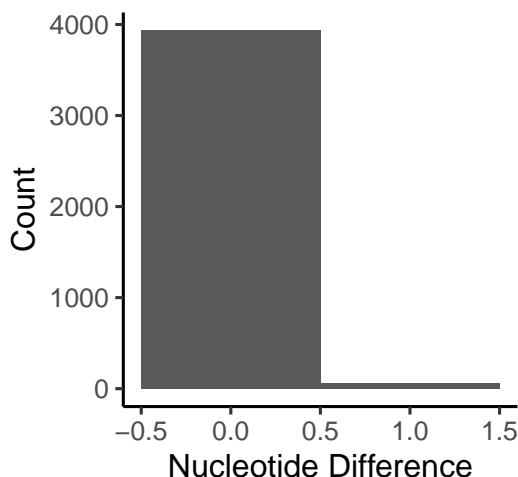
TRBV3-12*ap01

11565 sequences assigned
11465 (99.1%) exact matches, in which:
11380 unique CDR3
13 unique J



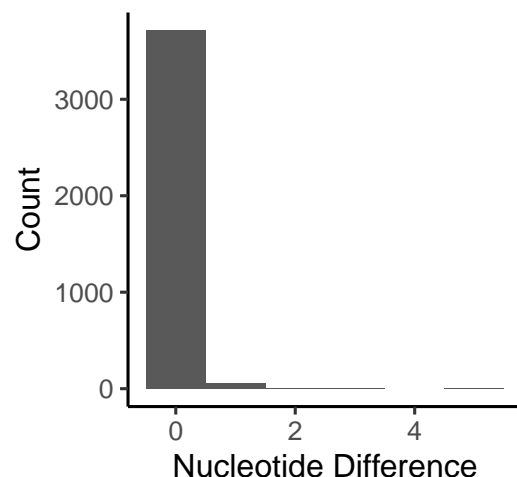
TRBV4-2*ap01

3992 sequences assigned
3935 (98.6%) exact matches, in which:
3871 unique CDR3
13 unique J



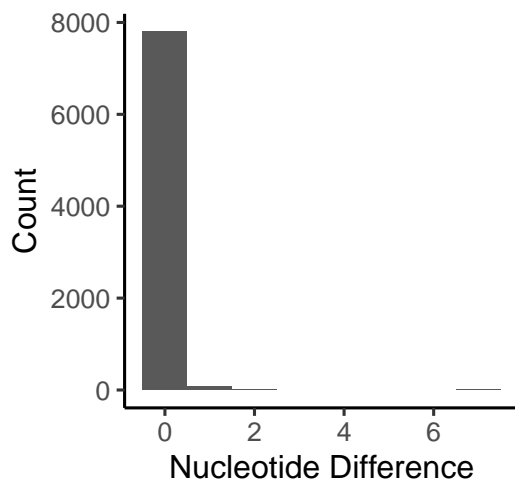
TRBV25-1*ap01

3774 sequences assigned
3714 (98.4%) exact matches, in which:
3635 unique CDR3
13 unique J



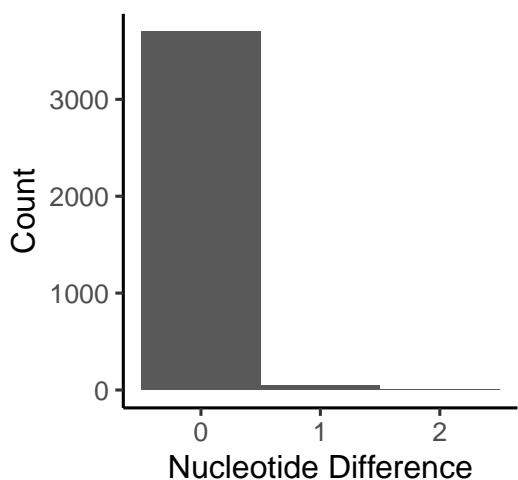
TRBV4-1*ap01

7876 sequences assigned
7798 (99%) exact matches, in which:
7668 unique CDR3
13 unique J



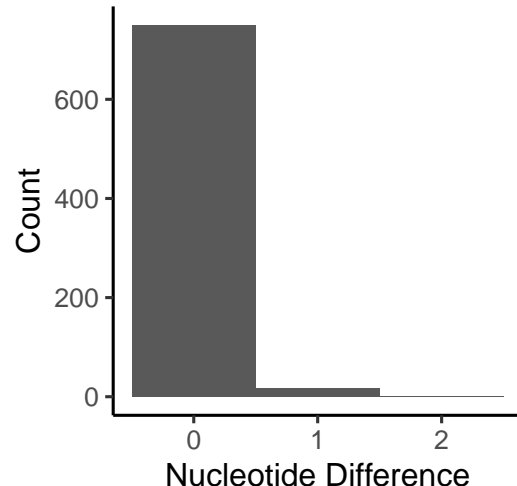
TRBV4-3*ap01

3741 sequences assigned
3698 (98.9%) exact matches, in which:
3641 unique CDR3
13 unique J



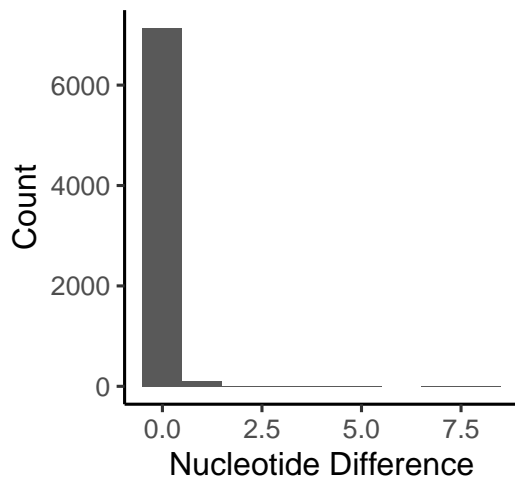
TRBV5-3*ap01

770 sequences assigned
750 (97.4%) exact matches, in which:
743 unique CDR3
13 unique J



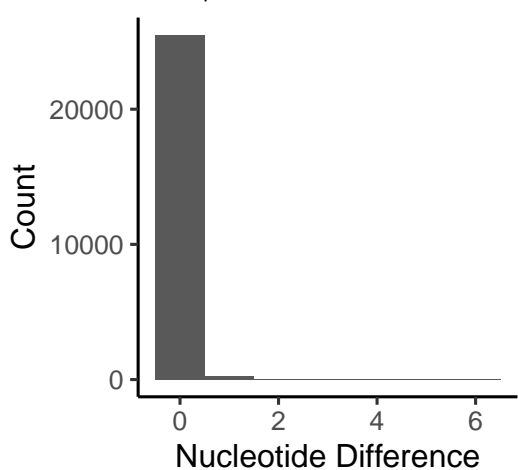
TRBV24-1*ap01

7252 sequences assigned
7137 (98.4%) exact matches, in which:
7020 unique CDR3
13 unique J



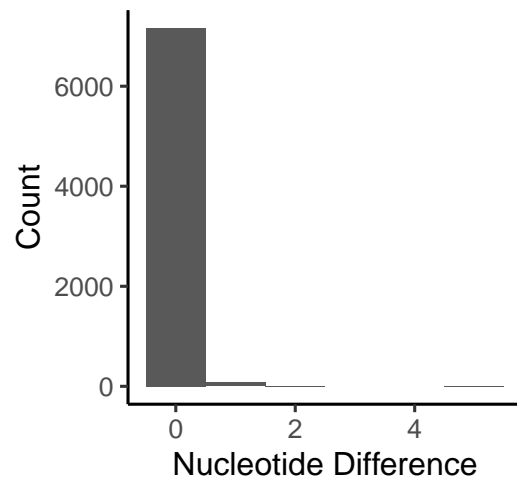
TRBV5-1*ap01

25806 sequences assigned
25504 (98.8%) exact matches, in which:
25113 unique CDR3
13 unique J



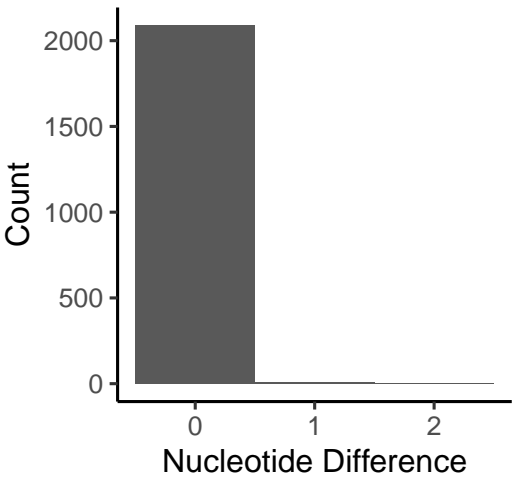
TRBV5-4*ap01

7244 sequences assigned
7163 (98.9%) exact matches, in which:
7047 unique CDR3
13 unique J



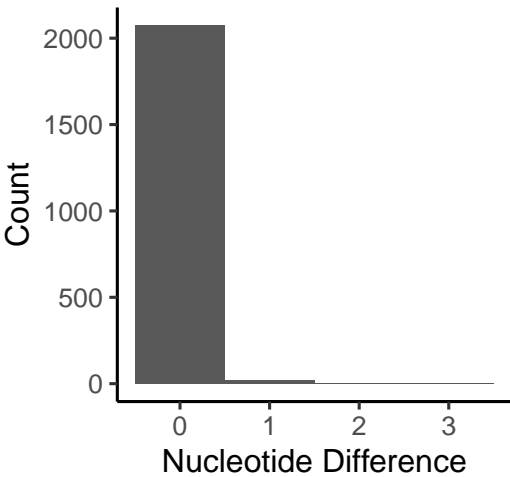
TRBV5-5*ap01

2100 sequences assigned
2089 (99.5%) exact matches, in which:
2080 unique CDR3
13 unique J



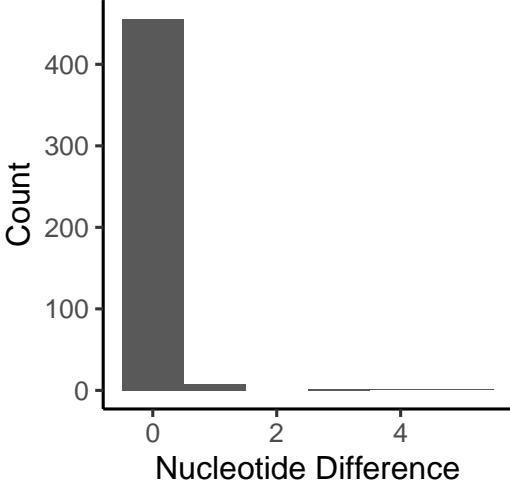
TRBV5-8*ap01

2095 sequences assigned
2074 (99%) exact matches, in which:
2050 unique CDR3
13 unique J



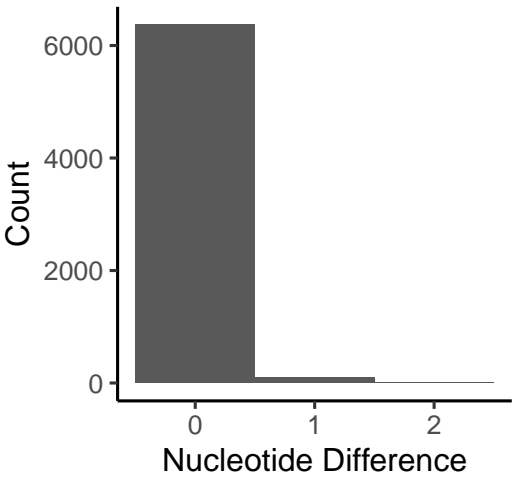
TRBV6-7*ap01

468 sequences assigned
456 (97.4%) exact matches, in which:
448 unique CDR3
13 unique J



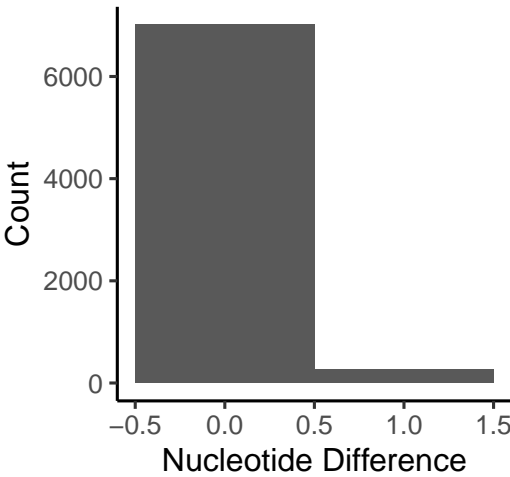
TRBV5-6*ap01

6470 sequences assigned
6370 (98.5%) exact matches, in which:
6232 unique CDR3
13 unique J



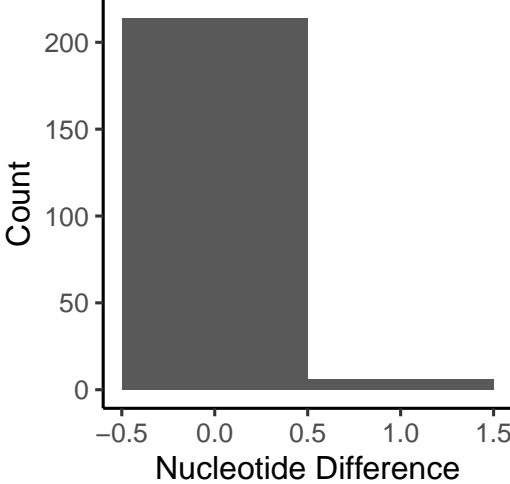
TRBV6-1*ap01

7275 sequences assigned
7013 (96.4%) exact matches, in which:
6872 unique CDR3
13 unique J



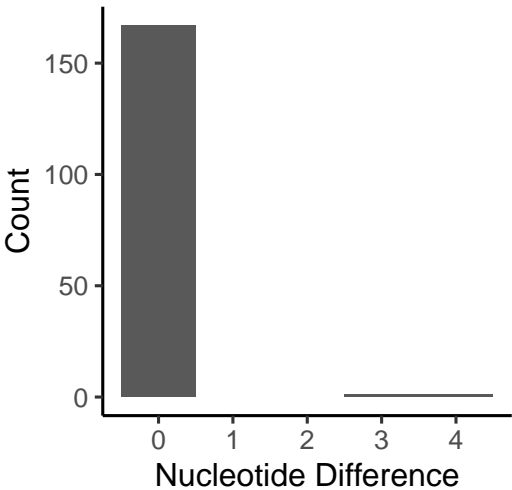
TRBV6-8*ap01

220 sequences assigned
214 (97.3%) exact matches, in which:
211 unique CDR3
13 unique J



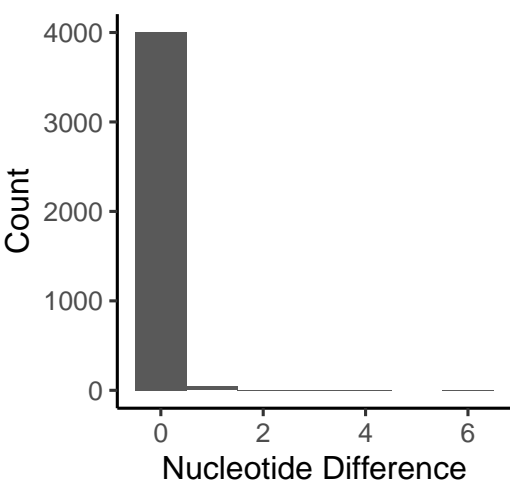
TRBV5-7*ap01

169 sequences assigned
167 (98.8%) exact matches, in which:
165 unique CDR3
13 unique J



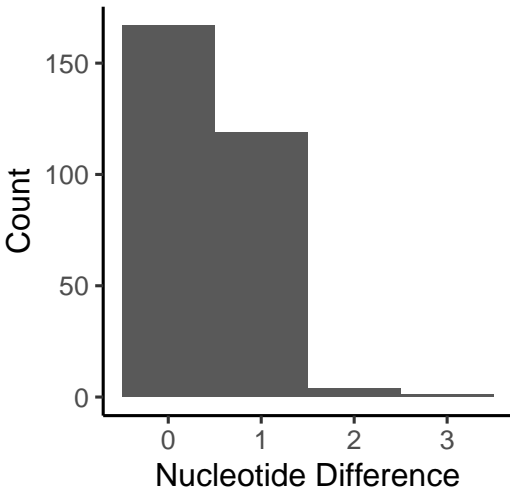
TRBV6-4*ap01

4061 sequences assigned
4005 (98.6%) exact matches, in which:
3959 unique CDR3
13 unique J



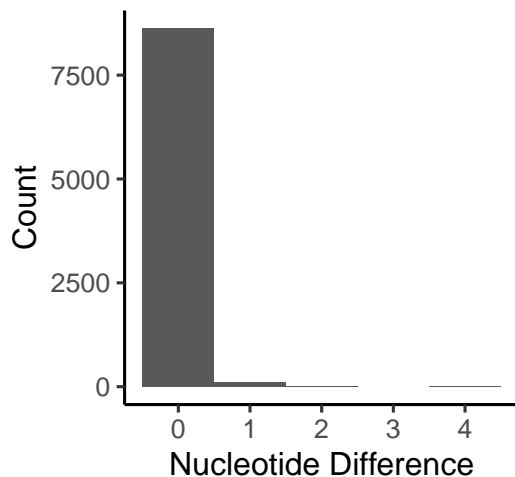
TRBV6-9*ap01

291 sequences assigned
167 (57.4%) exact matches, in which:
163 unique CDR3
13 unique J



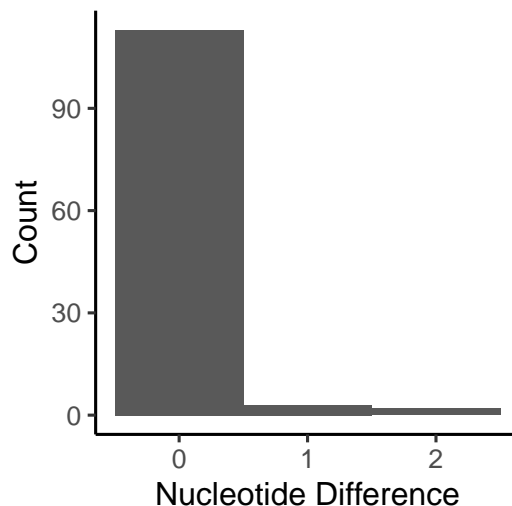
TRBV6-23*ap01

8732 sequences assigned
8625 (98.8%) exact matches, in which:
8412 unique CDR3
13 unique J



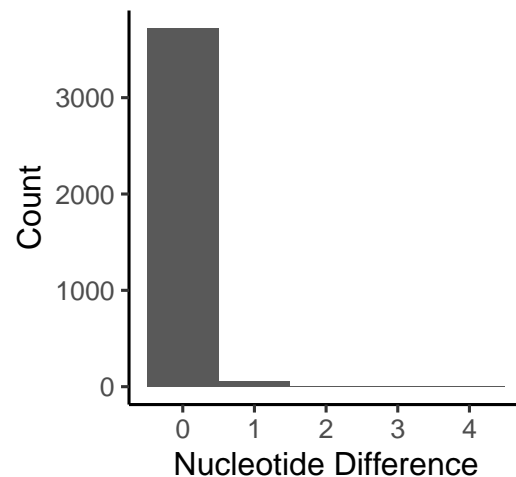
TRBV7-1*ap01_G291C_T

118 sequences assigned
113 (95.8%) exact matches, in which:
112 unique CDR3
13 unique J



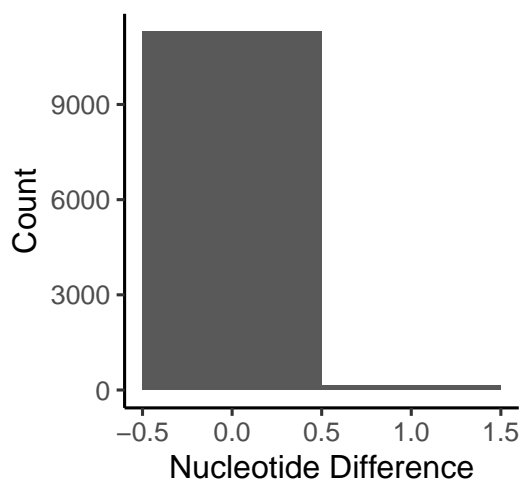
TRBV7-3*ap01

3780 sequences assigned
3719 (98.4%) exact matches, in which:
3676 unique CDR3
13 unique J



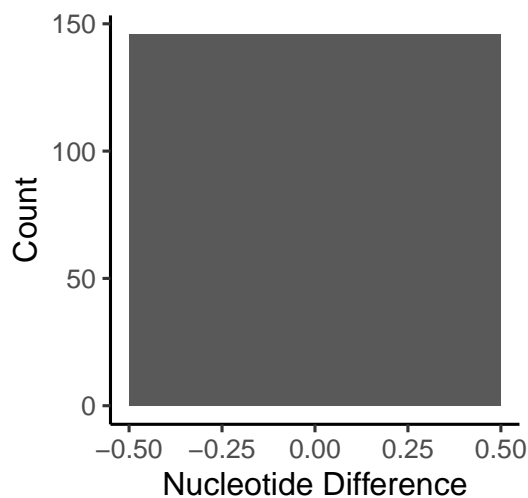
TRBV6-56*ap01

11431 sequences assigned
11293 (98.8%) exact matches, in which:
11061 unique CDR3
13 unique J



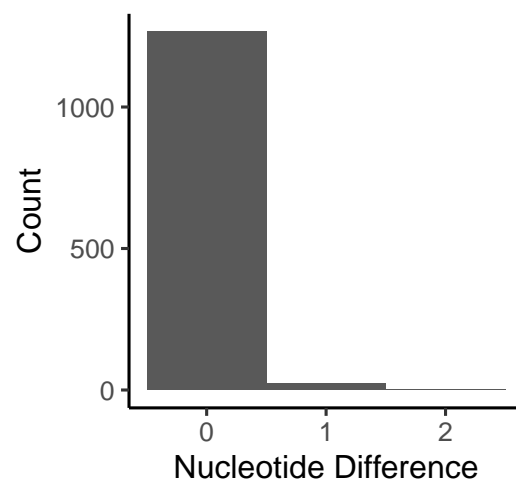
TRBV7-1*ap01_G291C_

146 sequences assigned
146 (100%) exact matches, in which:
146 unique CDR3
13 unique J



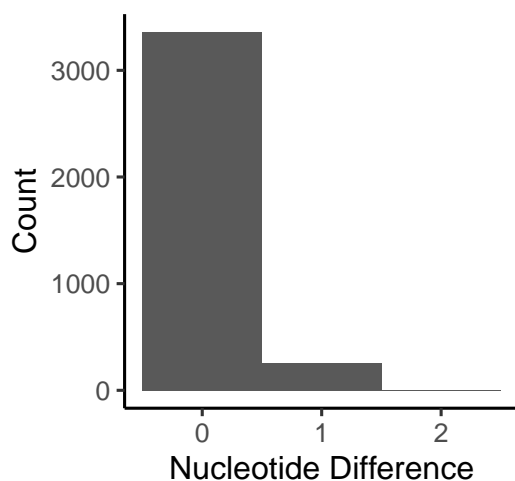
TRBV7-3*ap03

1290 sequences assigned
1266 (98.1%) exact matches, in which:
1256 unique CDR3
13 unique J



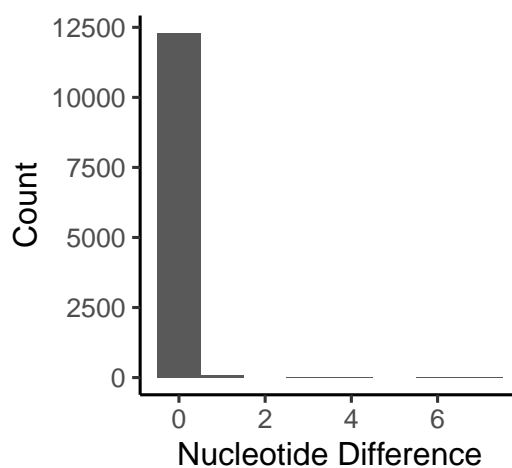
TRBV6-56*ap02

3617 sequences assigned
3359 (92.9%) exact matches, in which:
3301 unique CDR3
13 unique J



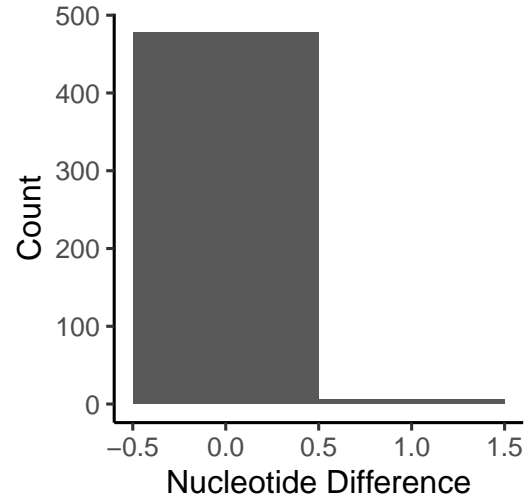
TRBV7-2*ap01

12386 sequences assigned
12305 (99.3%) exact matches, in which:
12188 unique CDR3
13 unique J



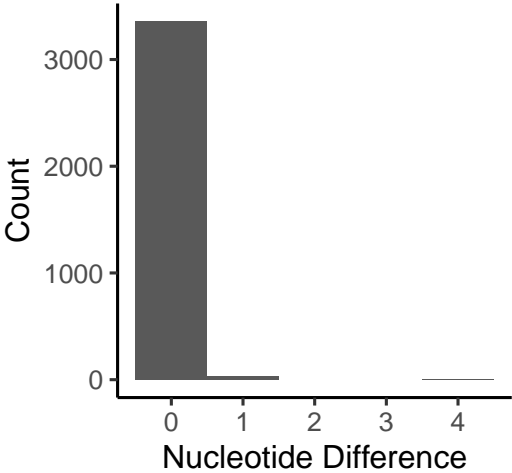
TRBV7-4*ap01

484 sequences assigned
478 (98.8%) exact matches, in which:
476 unique CDR3
13 unique J



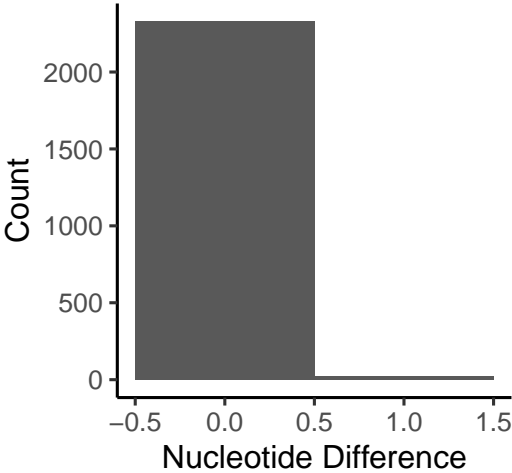
TRBV7-6*ap01

3390 sequences assigned
3357 (99%) exact matches, in which:
3310 unique CDR3
13 unique J



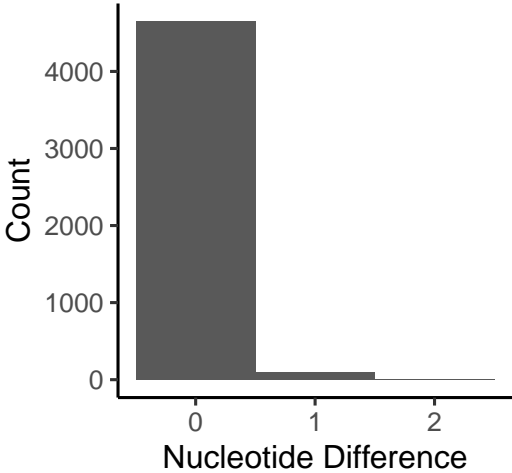
TRBV7-8*ap01

2351 sequences assigned
2329 (99.1%) exact matches, in which:
2297 unique CDR3
13 unique J



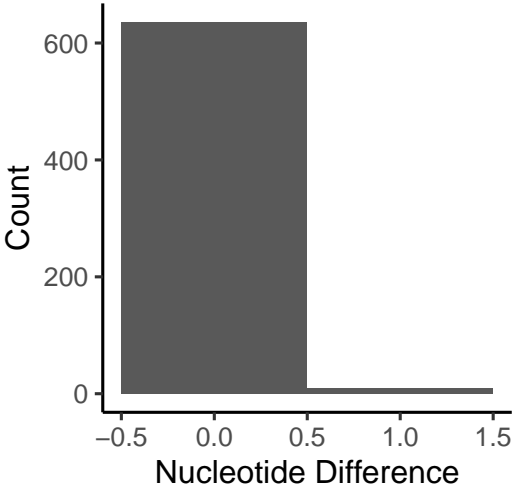
TRBV29-1*ap01

4742 sequences assigned
4649 (98%) exact matches, in which:
4545 unique CDR3
13 unique J



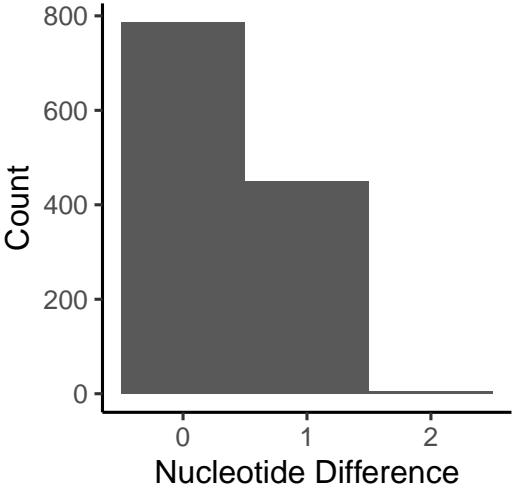
TRBV7-7*ap01

645 sequences assigned
636 (98.6%) exact matches, in which:
633 unique CDR3
13 unique J



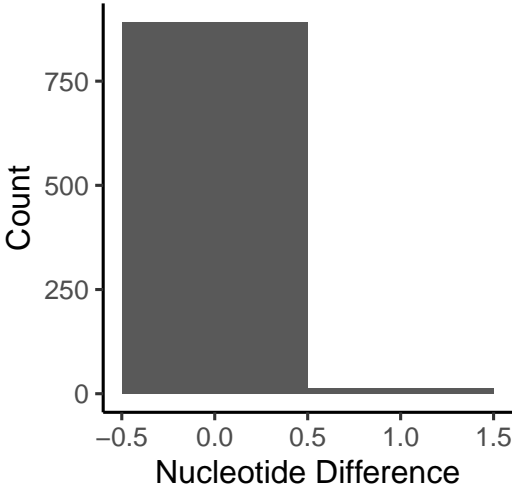
TRBV7-8*ap03

1243 sequences assigned
787 (63.3%) exact matches, in which:
780 unique CDR3
13 unique J



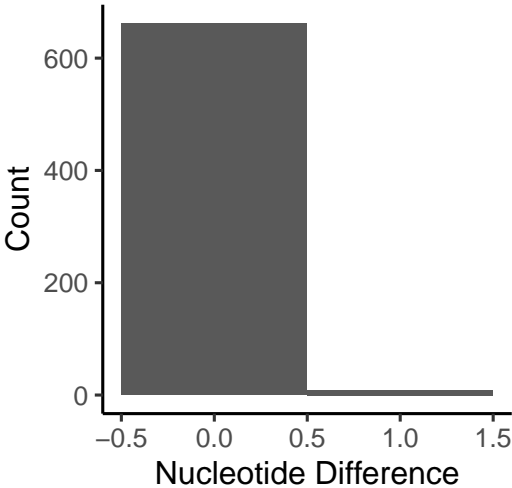
TRBV29-1*ap02

906 sequences assigned
892 (98.5%) exact matches, in which:
872 unique CDR3
13 unique J



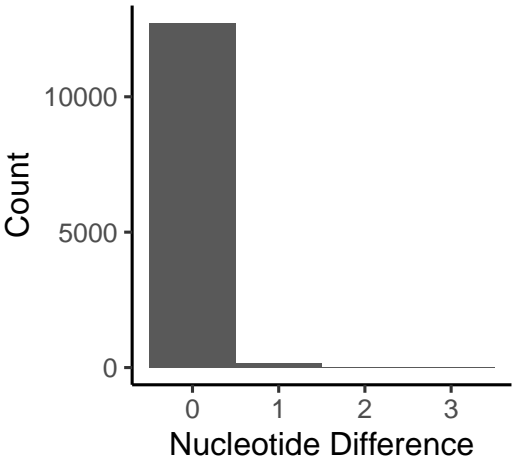
TRBV7-7*ap01_C315T

671 sequences assigned
662 (98.7%) exact matches, in which:
651 unique CDR3
13 unique J

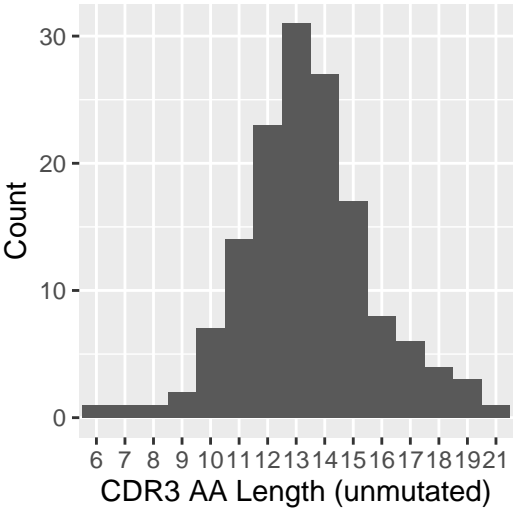


TRBV7-9*ap01

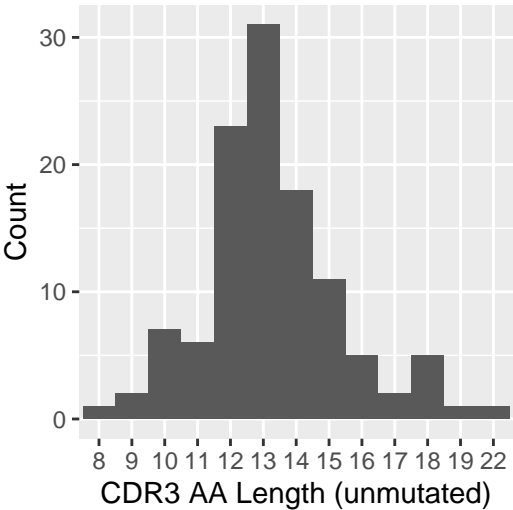
12911 sequences assigned
12732 (98.6%) exact matches, in which:
12578 unique CDR3
14 unique J



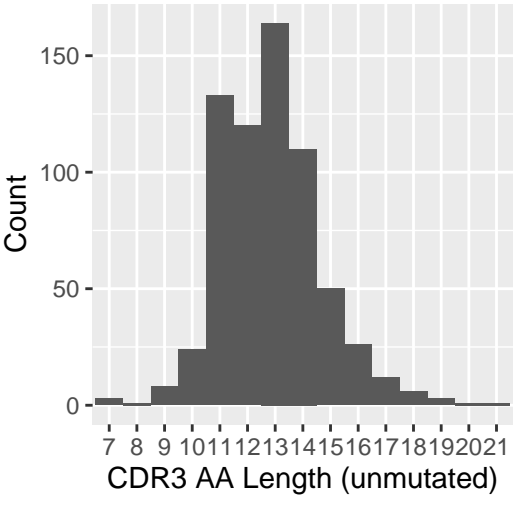
TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





[illegible]