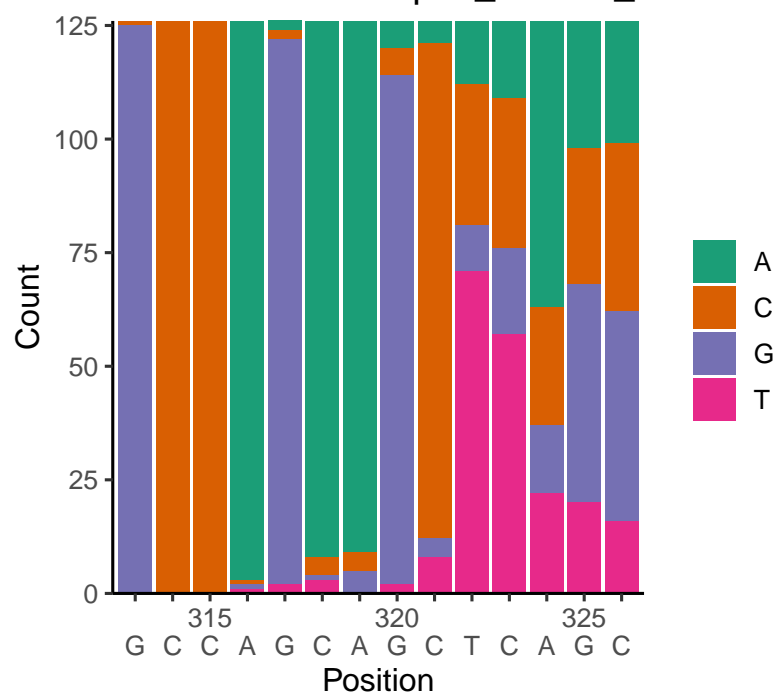
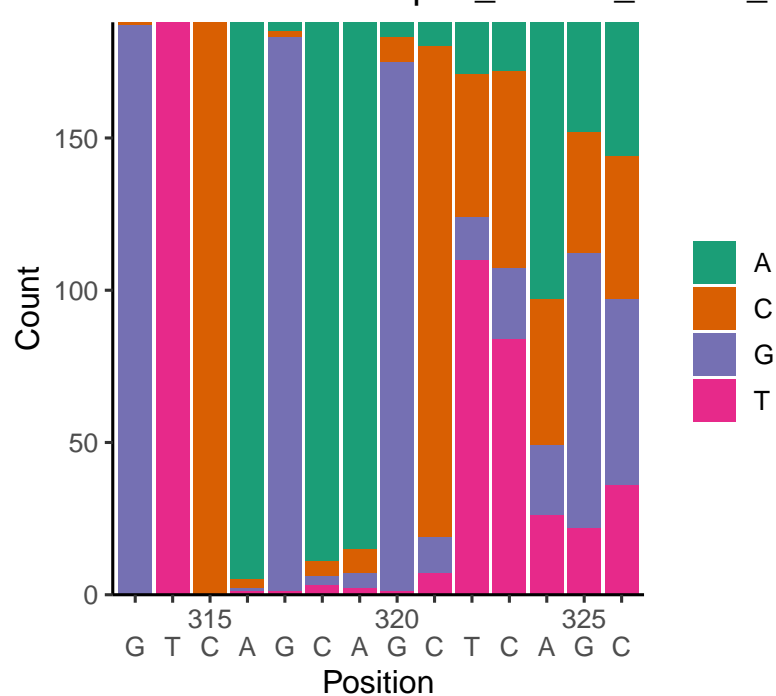


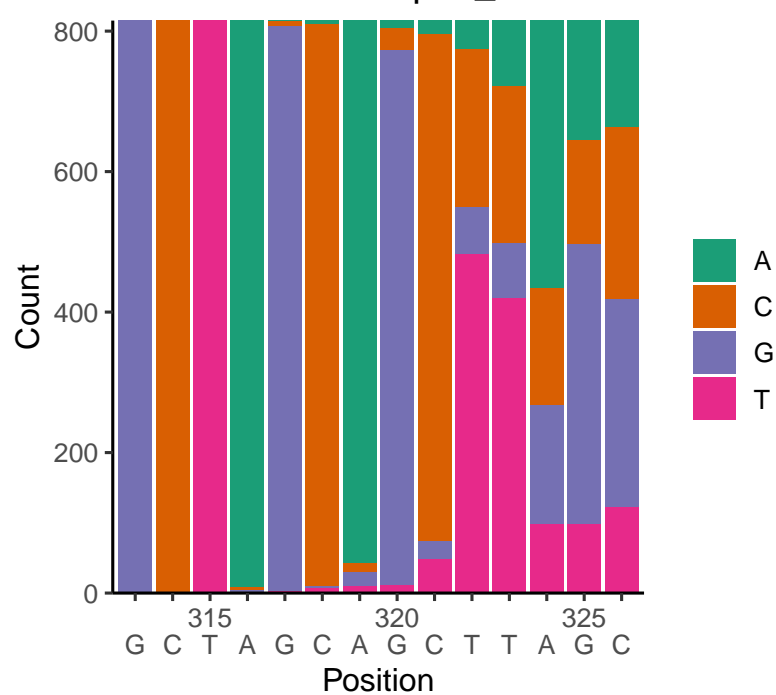
Gene TRBV7-1*ap01_G291C_T296C



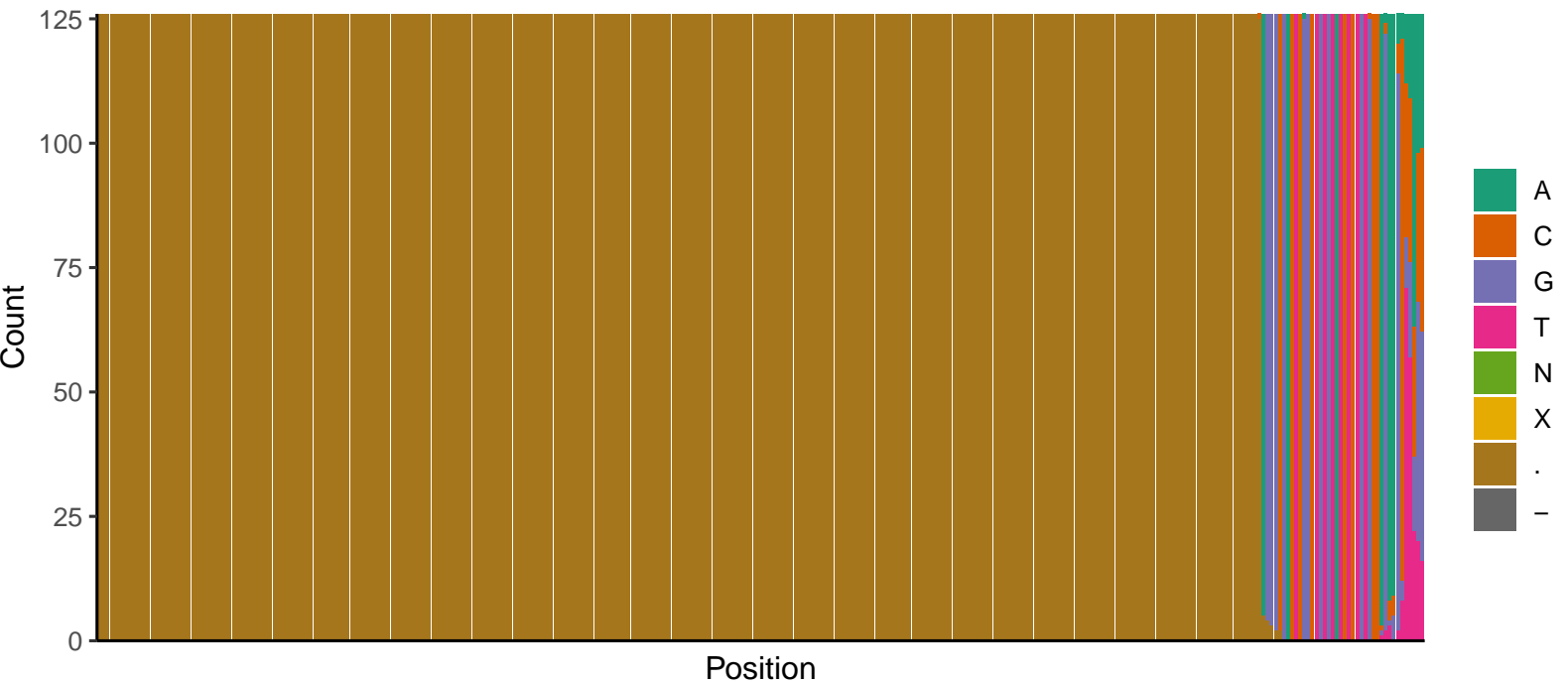
Gene TRBV7-1*ap01_G291C_T296C_C314T



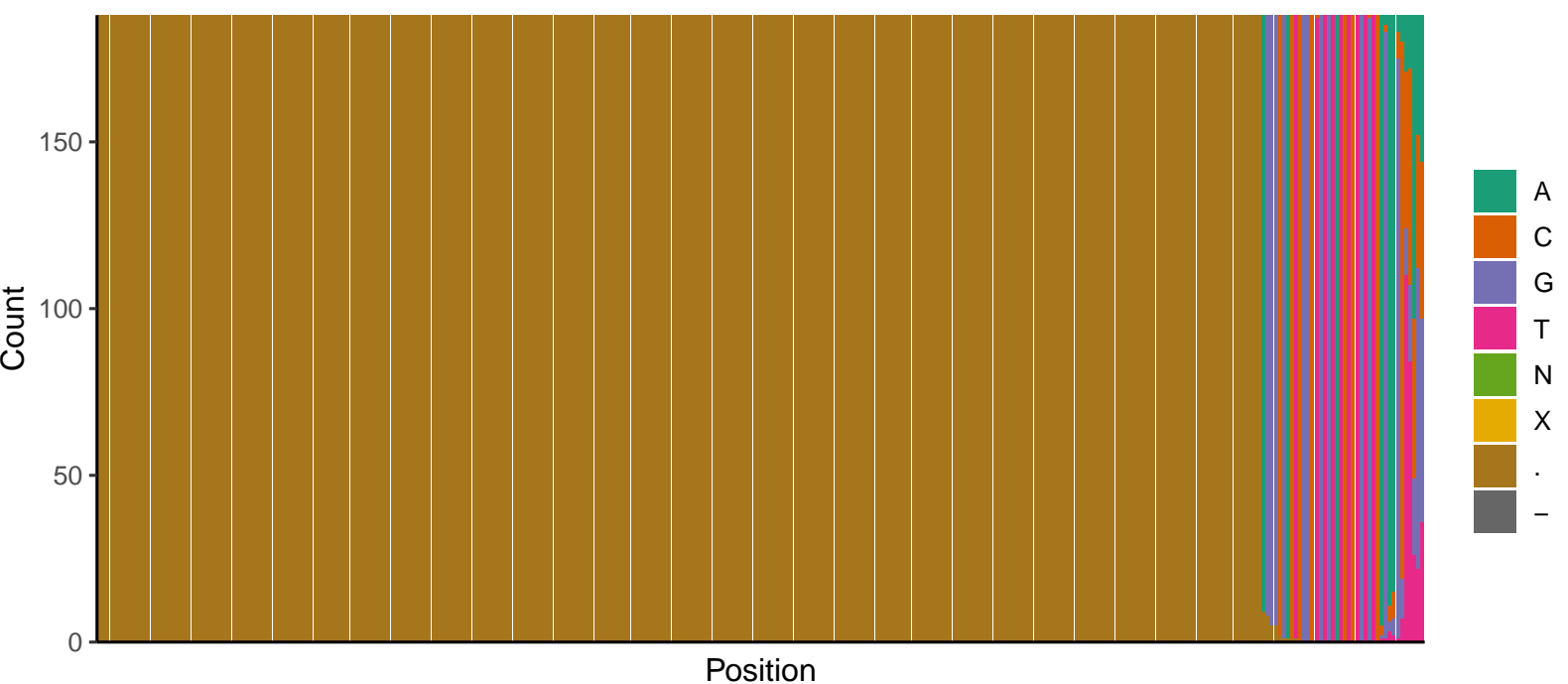
Gene TRBV7-7*ap01_C315T



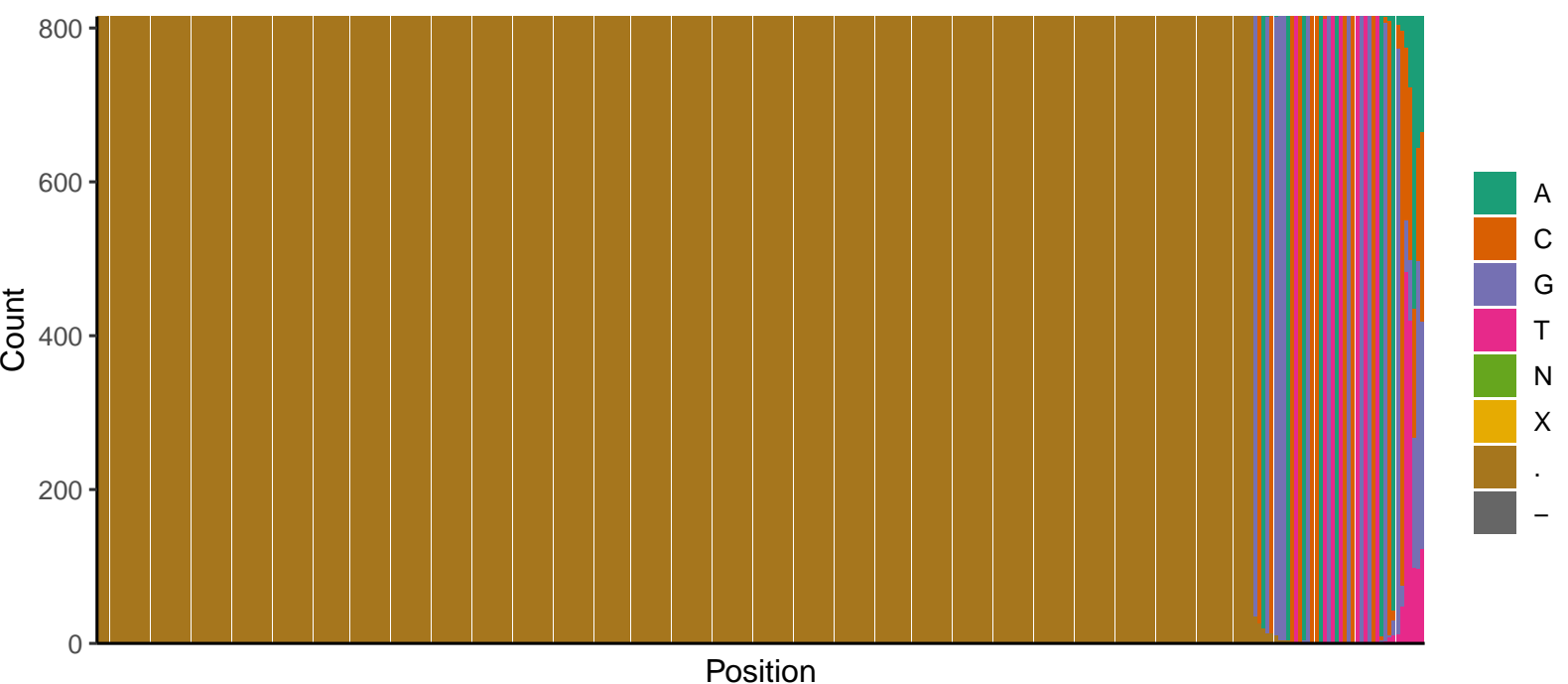
Gene TRBV7-1*ap01_G291C_T296C



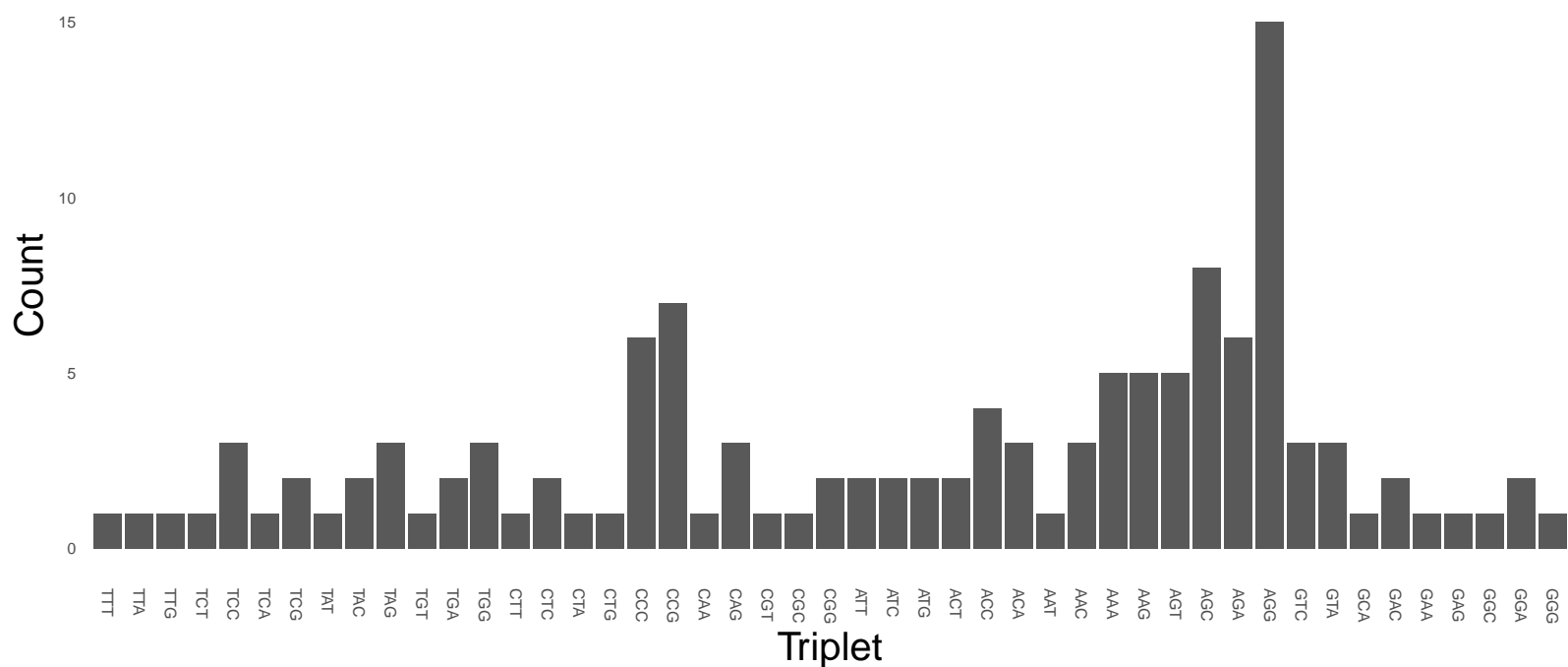
Gene TRBV7-1*ap01_G291C_T296C_C314T



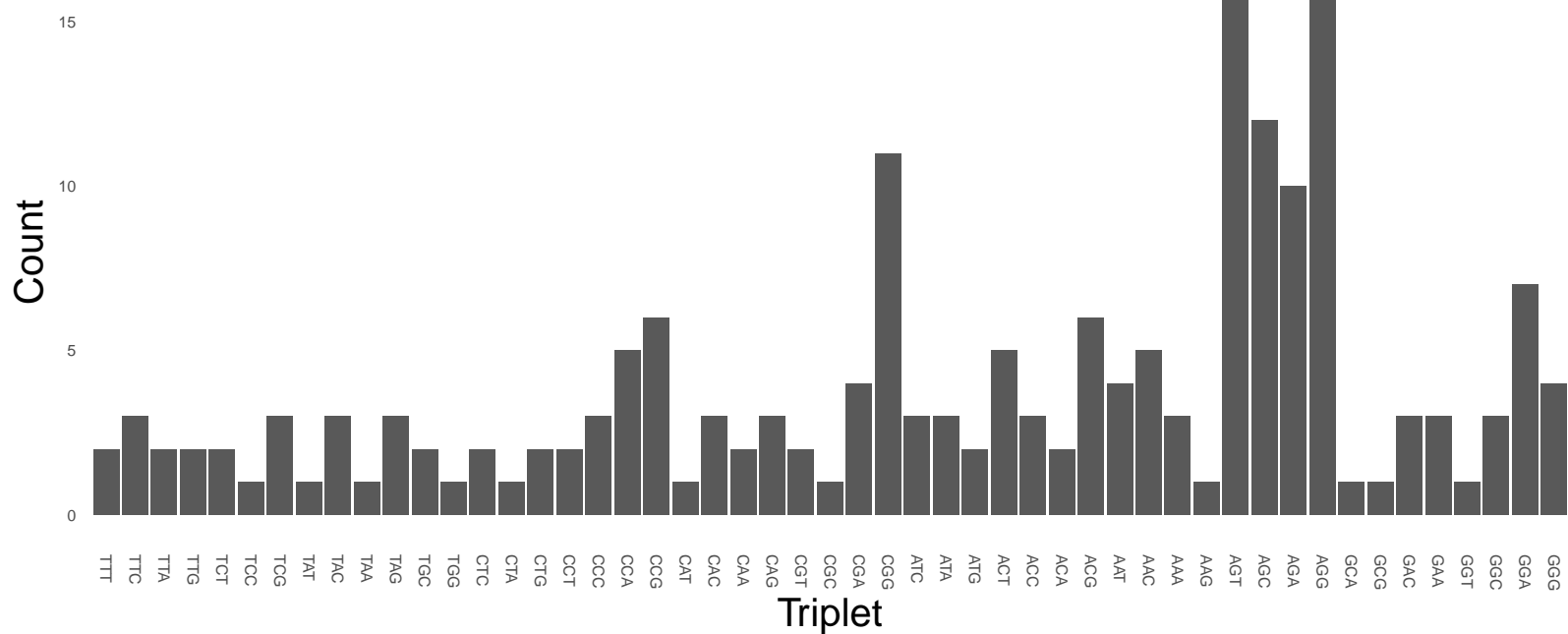
Gene TRBV7-7*ap01_C315T



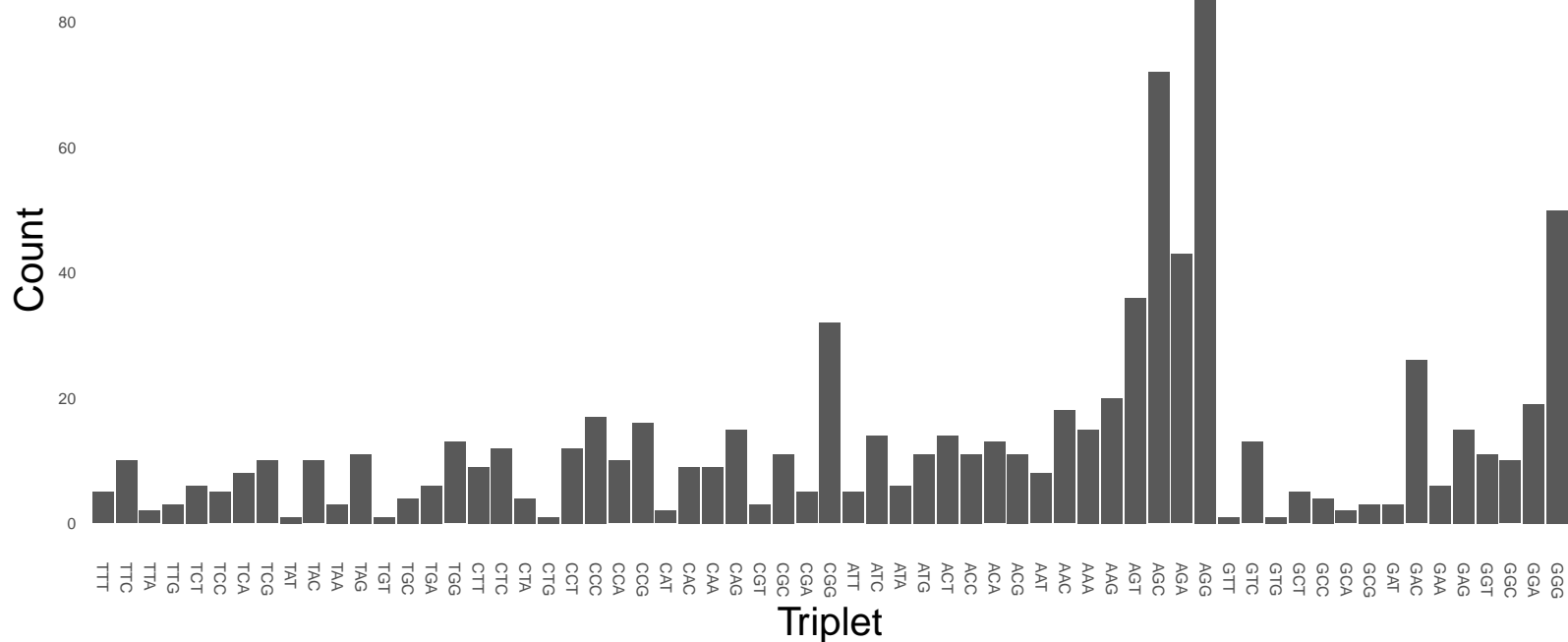
TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



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

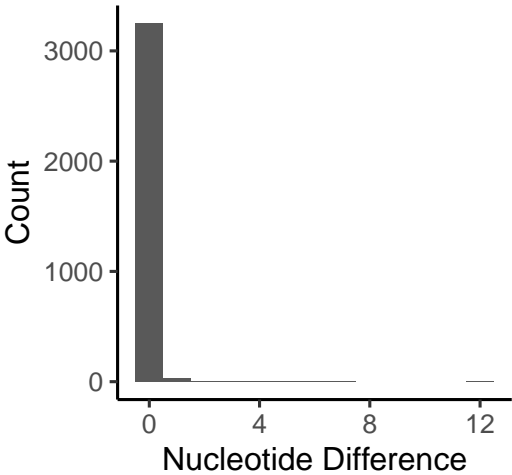


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



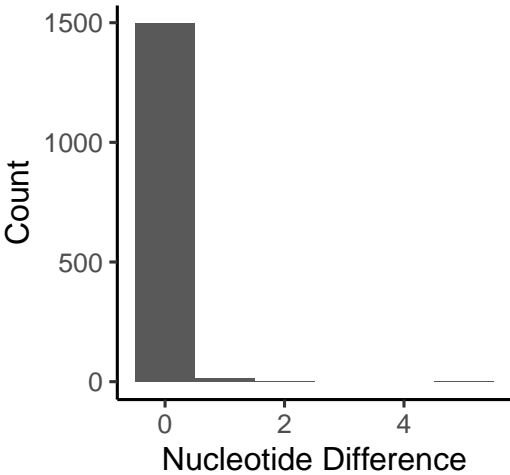
TRBV10-1*ap01

3292 sequences assigned
3249 (98.7%) exact matches, in which:
3183 unique CDR3
13 unique J



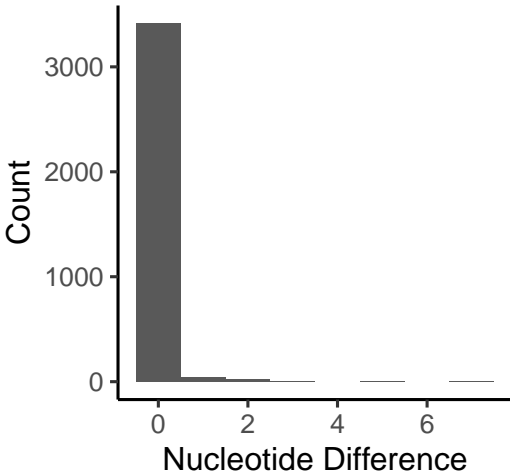
TRBV10-2*ap01

1513 sequences assigned
1497 (98.9%) exact matches, in which:
1470 unique CDR3
13 unique J



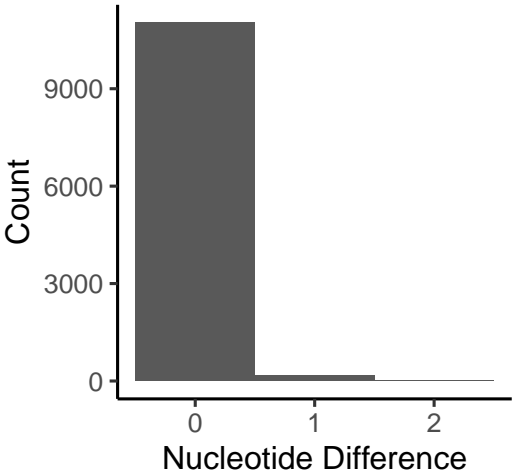
TRBV13*ap01

3481 sequences assigned
3414 (98.1%) exact matches, in which:
3309 unique CDR3
13 unique J



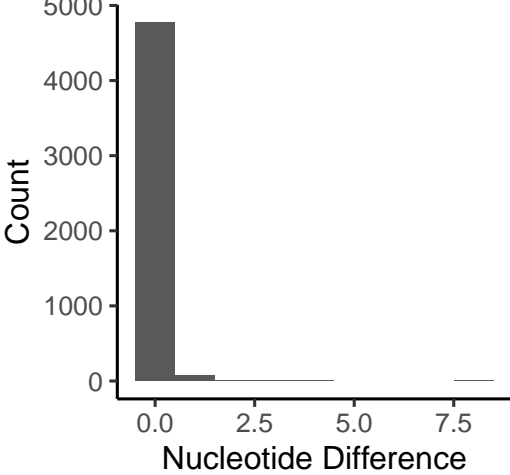
TRBV20-1*ap01

11196 sequences assigned
11032 (98.5%) exact matches, in which:
10828 unique CDR3
14 unique J



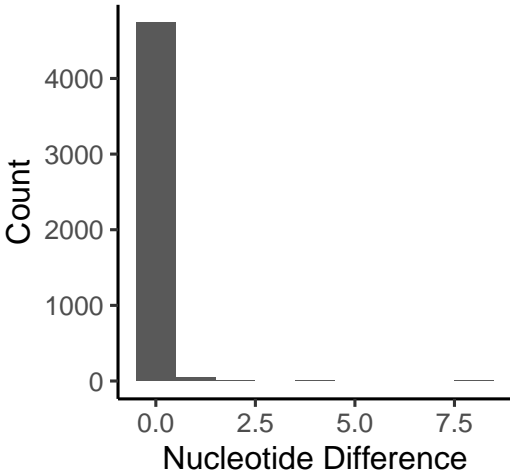
TRBV10-3*ap01

4847 sequences assigned
4770 (98.4%) exact matches, in which:
4642 unique CDR3
13 unique J



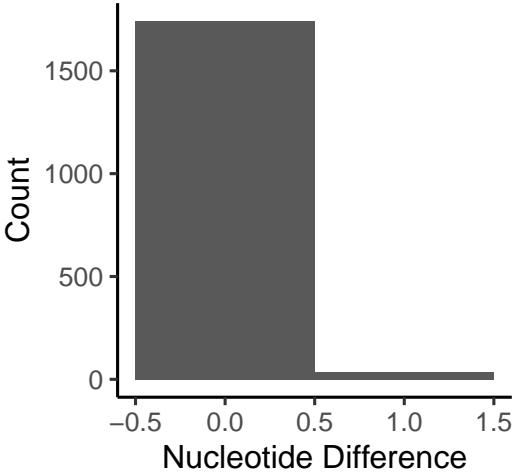
TRBV14*ap01

4790 sequences assigned
4737 (98.9%) exact matches, in which:
4657 unique CDR3
13 unique J



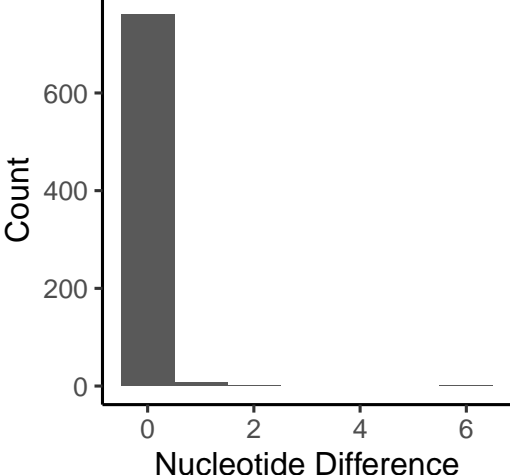
TRBV20-1*ap02

1777 sequences assigned
1742 (98%) exact matches, in which:
1711 unique CDR3
13 unique J



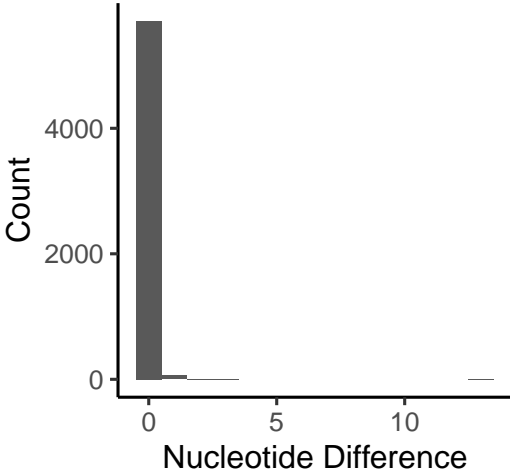
TRBV1*ap01

770 sequences assigned
761 (98.8%) exact matches, in which:
736 unique CDR3
13 unique J



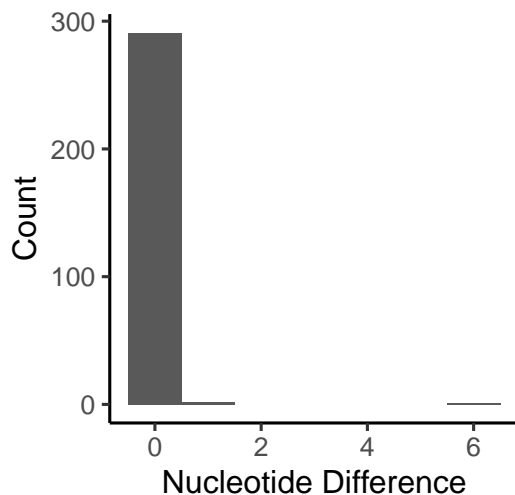
TRBV15*ap02

5774 sequences assigned
5709 (98.9%) exact matches, in which:
5553 unique CDR3
13 unique J



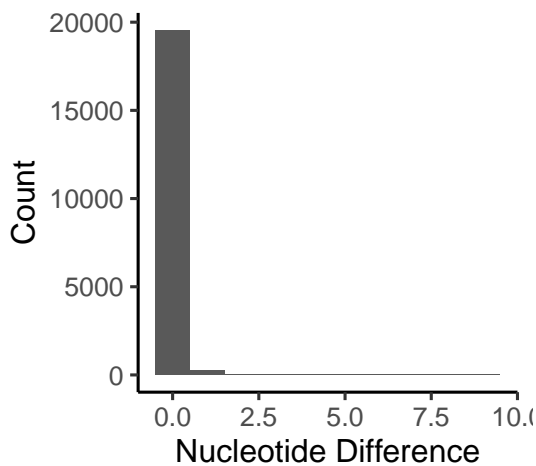
TRBV16*ap01

294 sequences assigned
291 (99%) exact matches, in which:
289 unique CDR3
12 unique J



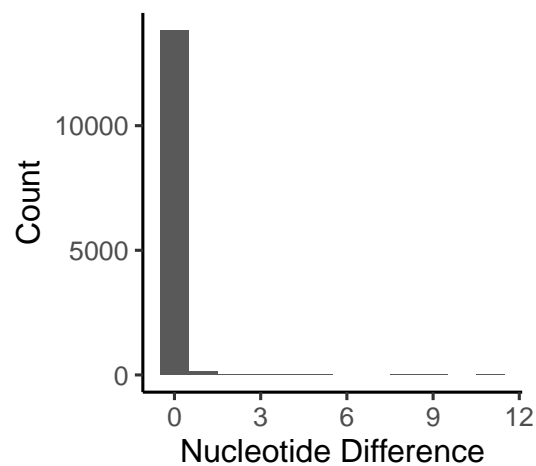
TRBV19*ap01

19820 sequences assigned
19548 (98.6%) exact matches, in which:
19354 unique CDR3
13 unique J



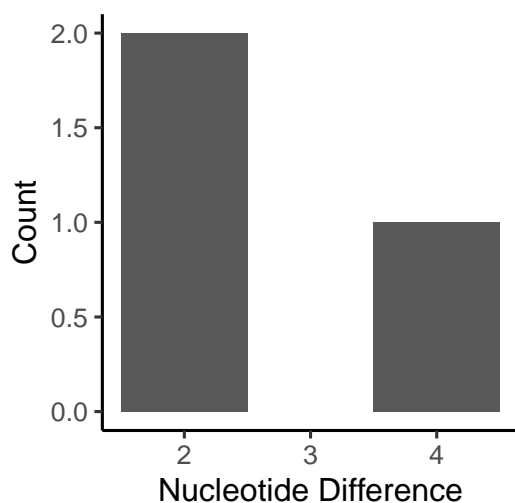
TRBV27*ap01

13971 sequences assigned
13832 (99%) exact matches, in which:
13618 unique CDR3
13 unique J



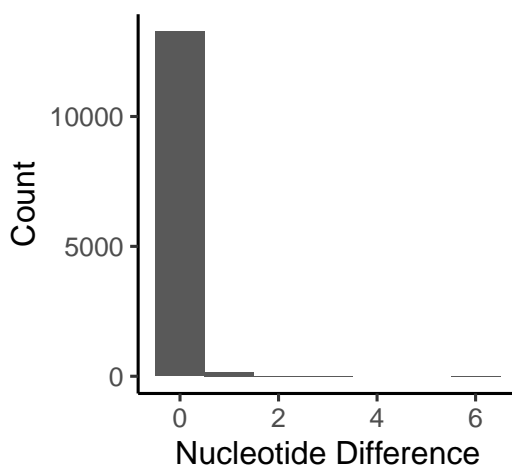
TRBV17*ap01

3 sequences assigned
No exact matches.



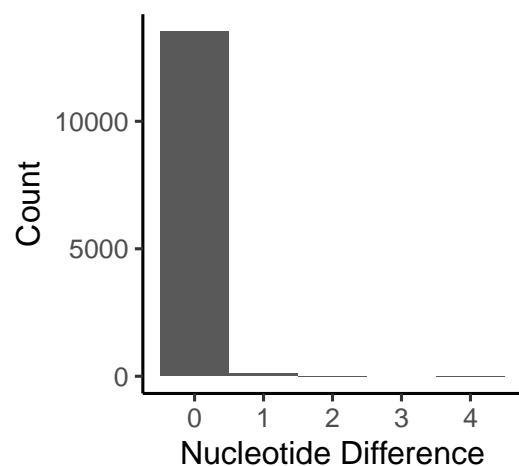
TRBV2*ap01

13442 sequences assigned
13273 (98.7%) exact matches, in which:
12970 unique CDR3
13 unique J



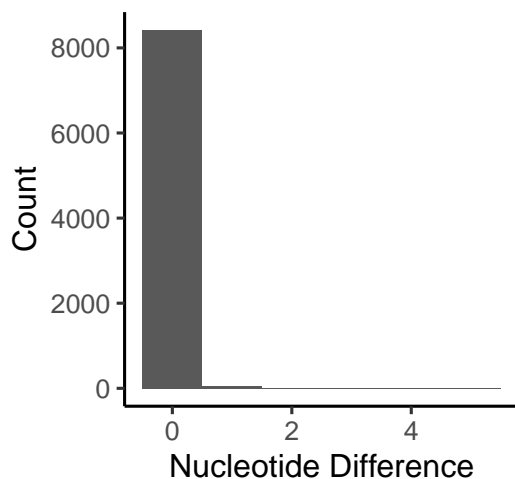
TRBV28*ap01

13628 sequences assigned
13524 (99.2%) exact matches, in which:
13366 unique CDR3
13 unique J



TRBV18*ap01

8486 sequences assigned
8419 (99.2%) exact matches, in which:
8335 unique CDR3
13 unique J



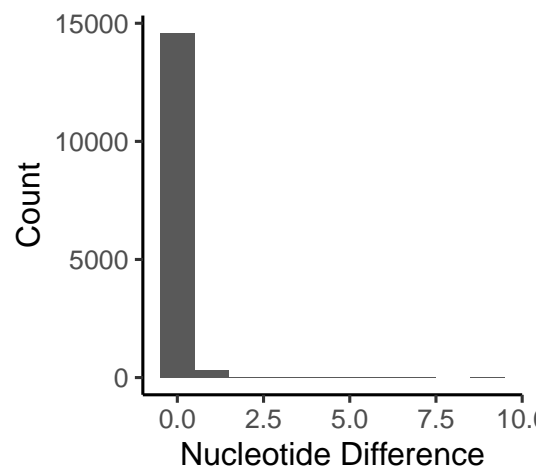
TRBV26*ap01

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



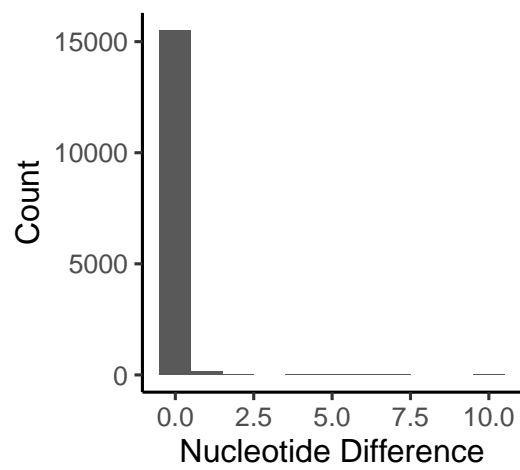
TRBV30*ap01

14953 sequences assigned
14597 (97.6%) exact matches, in which:
14164 unique CDR3
13 unique J



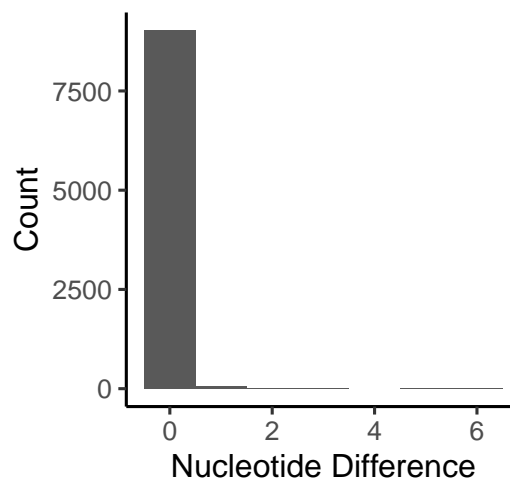
TRBV9*ap01

15700 sequences assigned
15517 (98.8%) exact matches, in which:
15328 unique CDR3
14 unique J



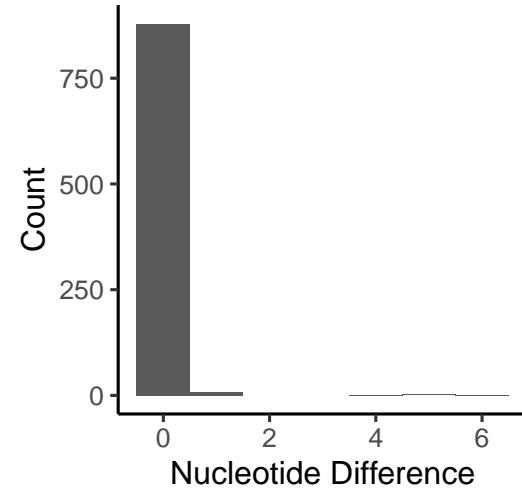
TRBV11-2*ap01

9102 sequences assigned
9025 (99.2%) exact matches, in which:
8879 unique CDR3
13 unique J



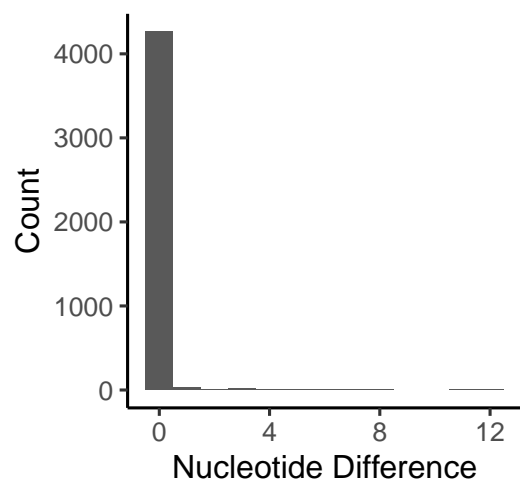
TRBV12-2*ap01

891 sequences assigned
879 (98.7%) exact matches, in which:
867 unique CDR3
13 unique J



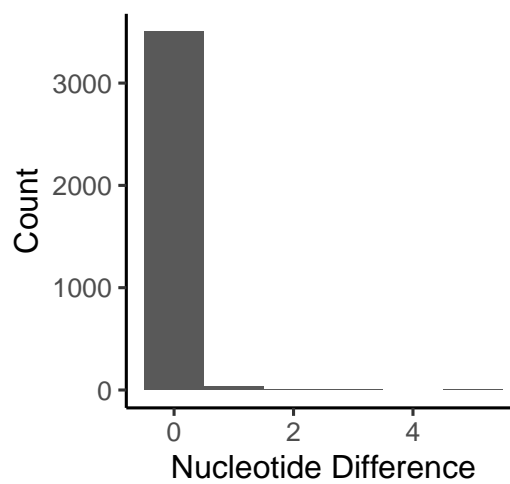
TRBV21-1*ap01

4327 sequences assigned
4263 (98.5%) exact matches, in which:
4250 unique CDR3
13 unique J



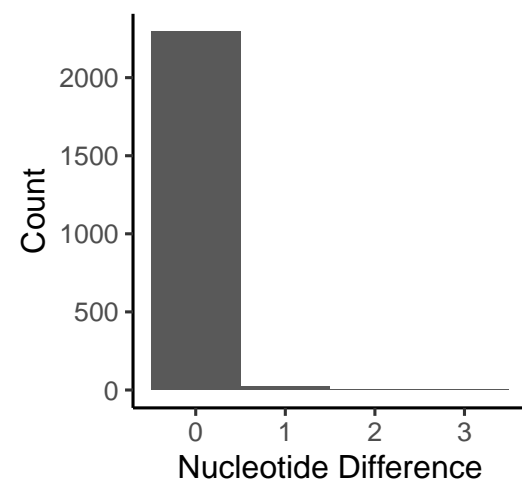
TRBV11-3*ap01

3541 sequences assigned
3502 (98.9%) exact matches, in which:
3454 unique CDR3
13 unique J



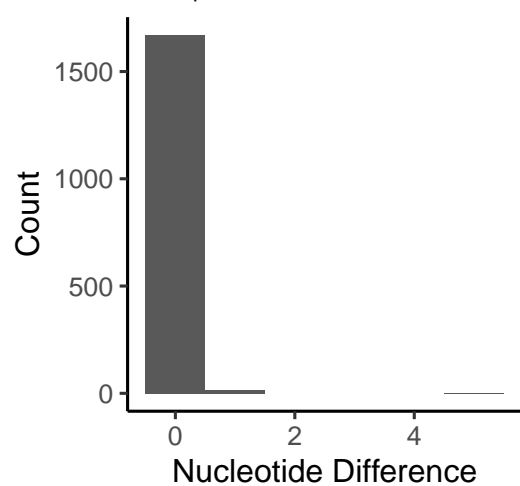
TRBV12-5*ap01

2318 sequences assigned
2294 (99%) exact matches, in which:
2263 unique CDR3
13 unique J



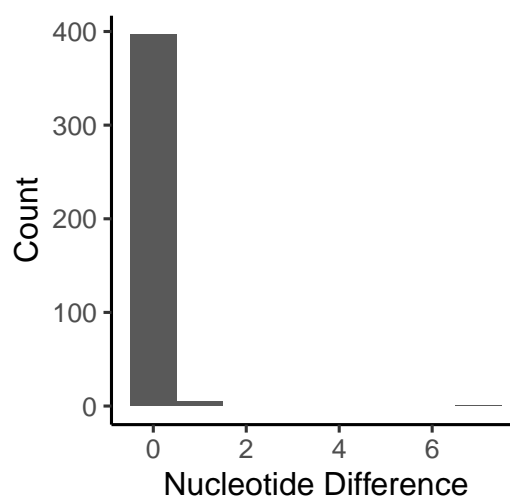
TRBV11-1*ap01

1685 sequences assigned
1670 (99.1%) exact matches, in which:
1637 unique CDR3
13 unique J



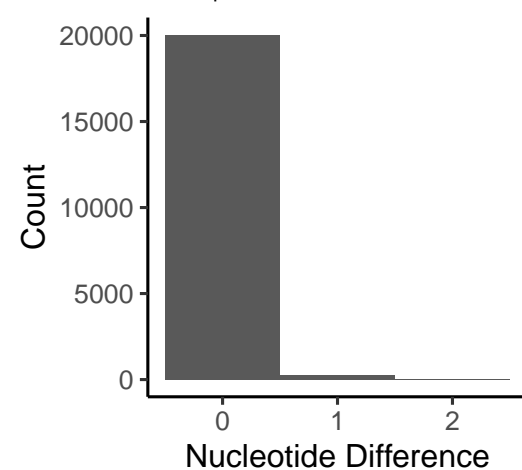
TRBV12-1*ap01

403 sequences assigned
397 (98.5%) exact matches, in which:
392 unique CDR3
13 unique J



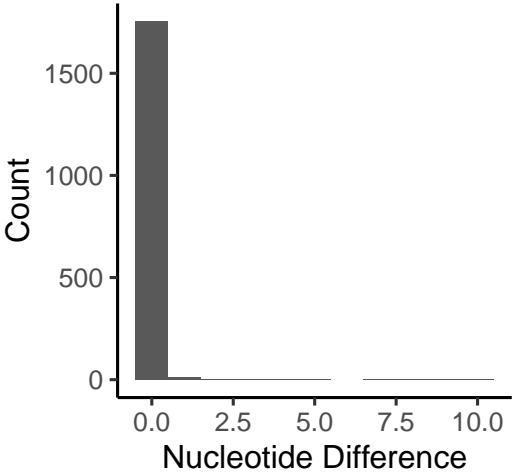
TRBV12-34*ap01

20278 sequences assigned
20041 (98.8%) exact matches, in which:
19737 unique CDR3
13 unique J



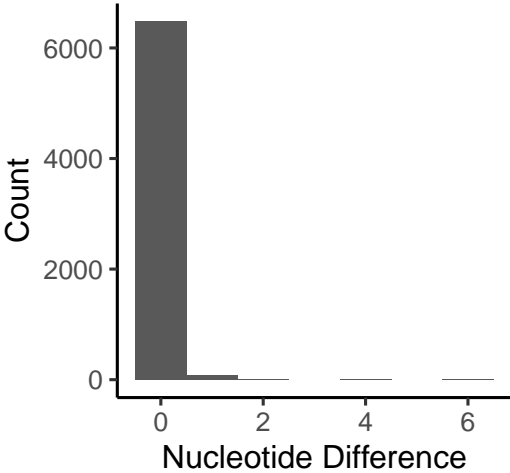
TRBV23-1*ap01

1776 sequences assigned
1754 (98.8%) exact matches, in which:
1741 unique CDR3
13 unique J



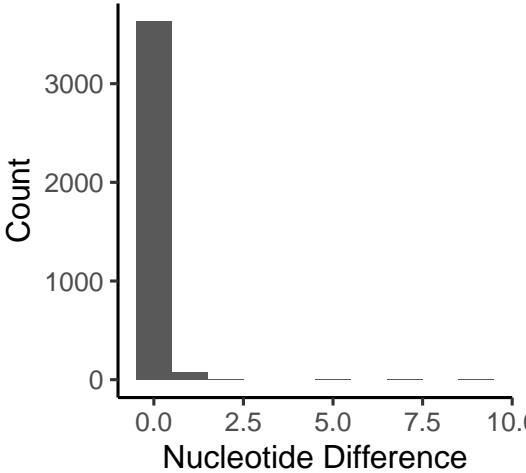
TRBV24-1*ap01

6567 sequences assigned
6480 (98.7%) exact matches, in which:
6394 unique CDR3
13 unique J



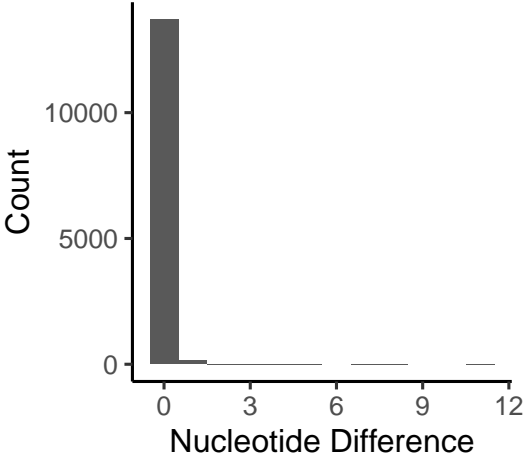
TRBV25-1*ap01

3714 sequences assigned
3631 (97.8%) exact matches, in which:
3543 unique CDR3
13 unique J



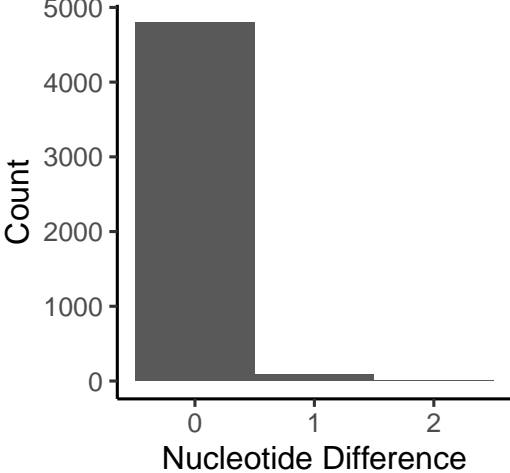
TRBV3-12*ap01

13872 sequences assigned
13704 (98.8%) exact matches, in which:
13460 unique CDR3
13 unique J



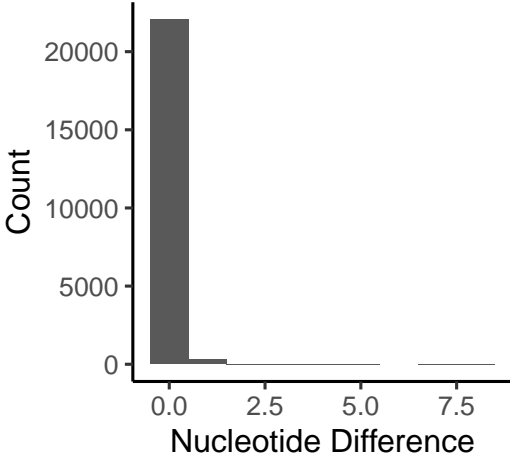
TRBV4-2*ap01

4880 sequences assigned
4795 (98.3%) exact matches, in which:
4682 unique CDR3
13 unique J



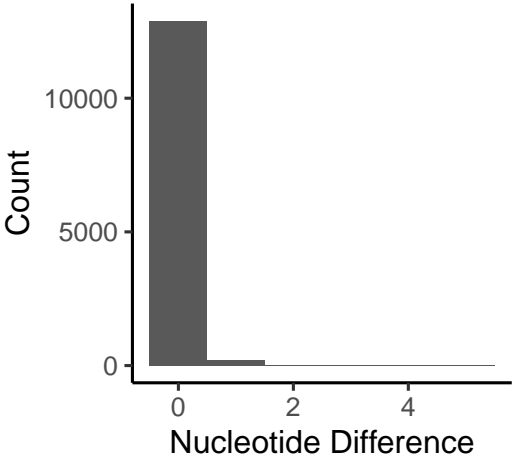
TRBV5-1*ap01

22359 sequences assigned
22059 (98.7%) exact matches, in which:
21426 unique CDR3
13 unique J



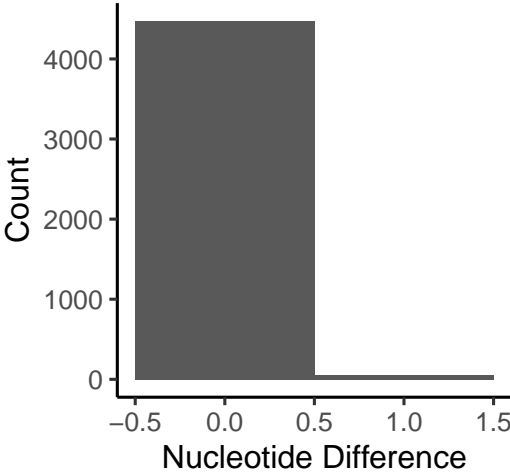
TRBV4-1*ap01

13095 sequences assigned
12896 (98.5%) exact matches, in which:
12562 unique CDR3
13 unique J



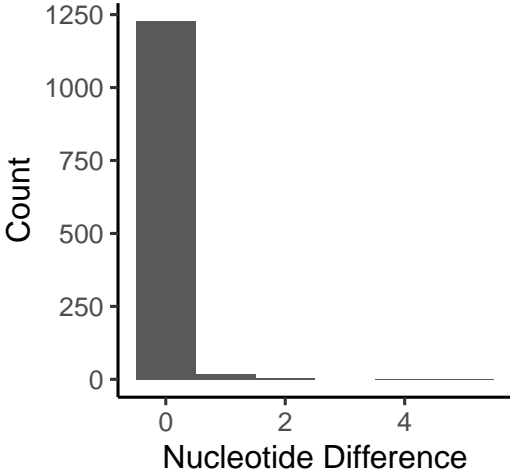
TRBV4-3*ap01

4530 sequences assigned
4473 (98.7%) exact matches, in which:
4357 unique CDR3
13 unique J



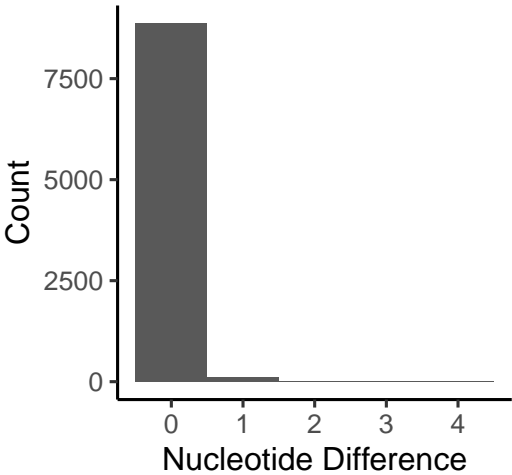
TRBV5-3*ap01

1254 sequences assigned
1228 (97.9%) exact matches, in which:
1205 unique CDR3
13 unique J



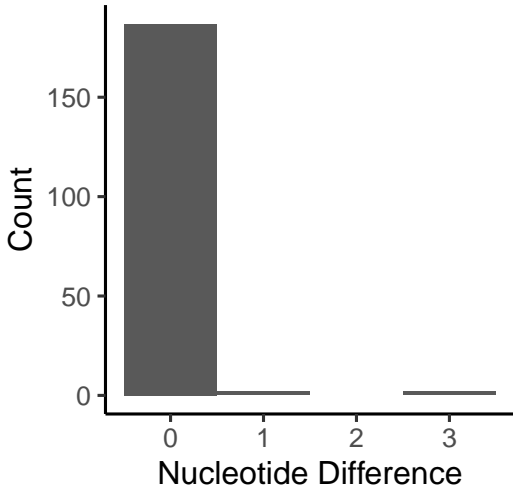
TRBV5-4*ap01

8992 sequences assigned
8867 (98.6%) exact matches, in which:
8670 unique CDR3
13 unique J



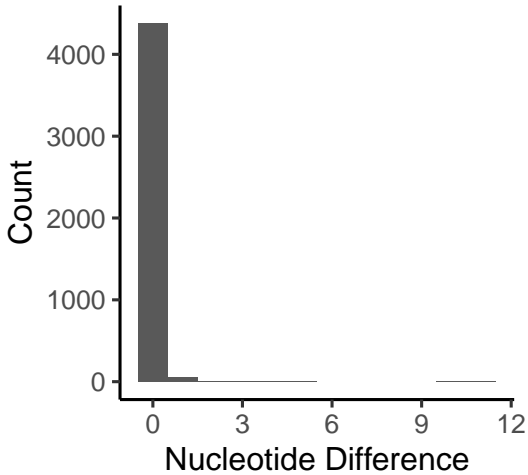
TRBV5-7*ap01

191 sequences assigned
187 (97.9%) exact matches, in which:
180 unique CDR3
13 unique J



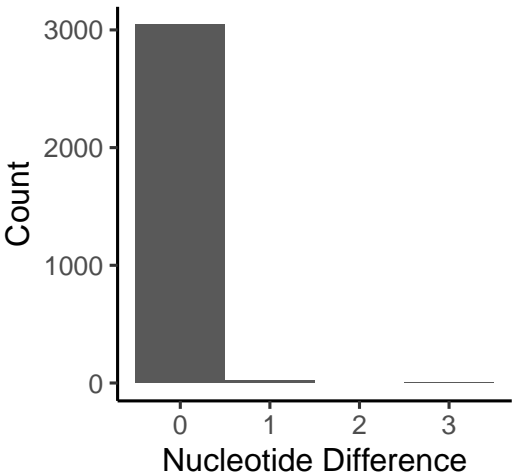
TRBV6-4*ap01

4446 sequences assigned
4378 (98.5%) exact matches, in which:
4324 unique CDR3
13 unique J



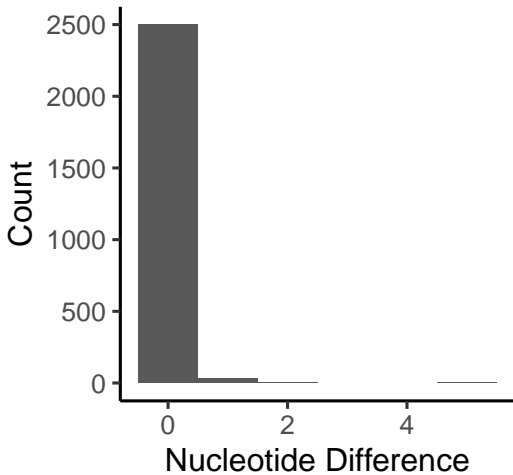
TRBV5-5*ap01

3070 sequences assigned
3044 (99.2%) exact matches, in which:
3017 unique CDR3
13 unique J



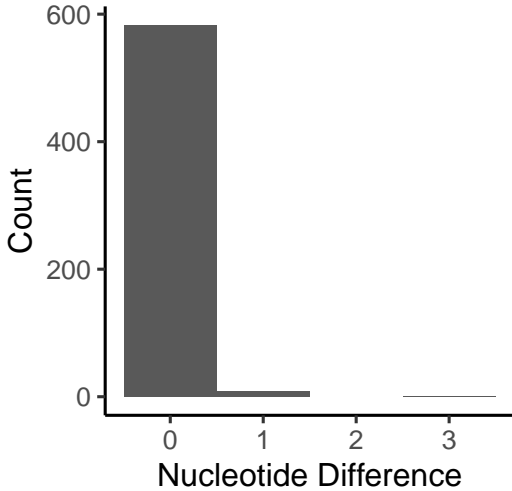
TRBV5-8*ap01

2536 sequences assigned
2499 (98.5%) exact matches, in which:
2467 unique CDR3
13 unique J



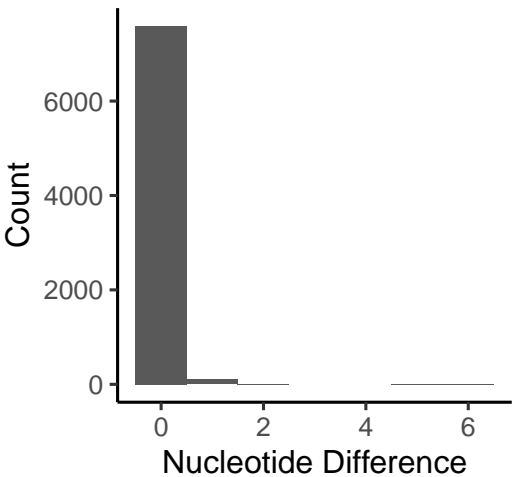
TRBV6-7*ap01

592 sequences assigned
583 (98.5%) exact matches, in which:
572 unique CDR3
13 unique J



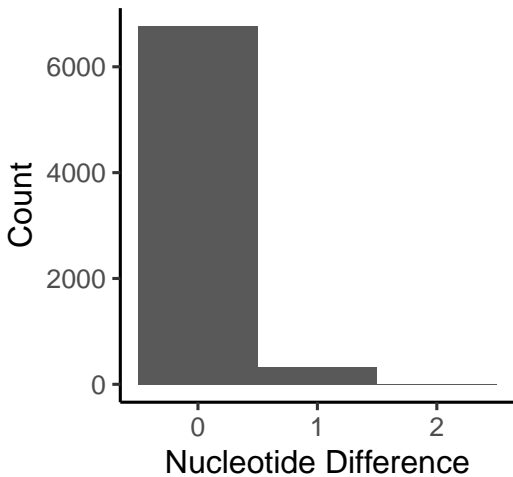
TRBV5-6*ap01

7697 sequences assigned
7589 (98.6%) exact matches, in which:
7326 unique CDR3
14 unique J



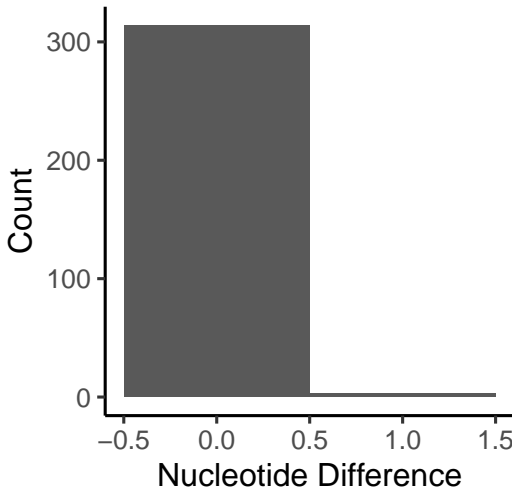
TRBV6-1*ap01

7097 sequences assigned
6770 (95.4%) exact matches, in which:
6577 unique CDR3
13 unique J



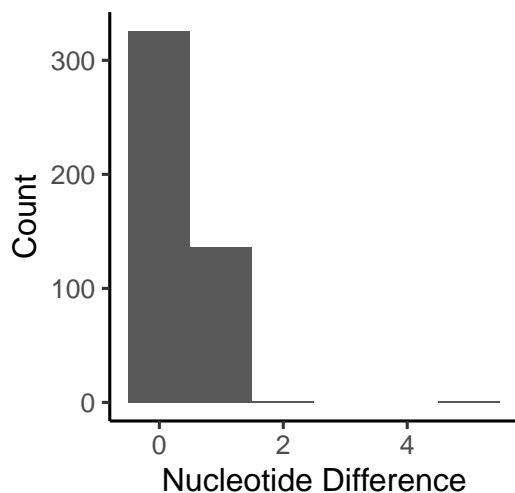
TRBV6-8*ap01

317 sequences assigned
314 (99.1%) exact matches, in which:
304 unique CDR3
13 unique J



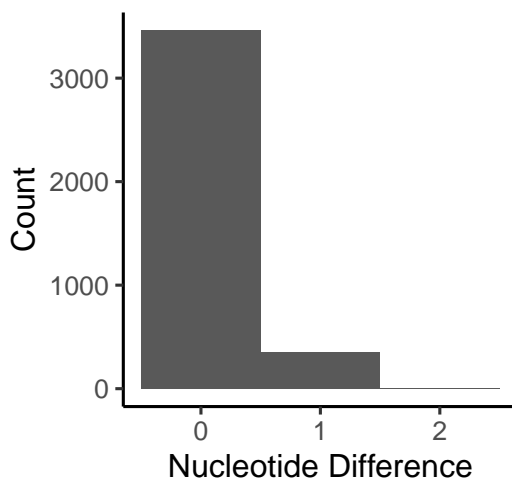
TRBV6-9*ap01

464 sequences assigned
326 (70.3%) exact matches, in which:
314 unique CDR3
13 unique J



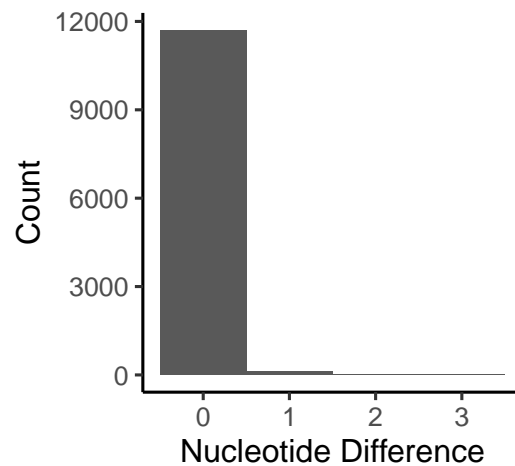
TRBV6-56*ap02

3821 sequences assigned
3461 (90.6%) exact matches, in which:
3351 unique CDR3
13 unique J



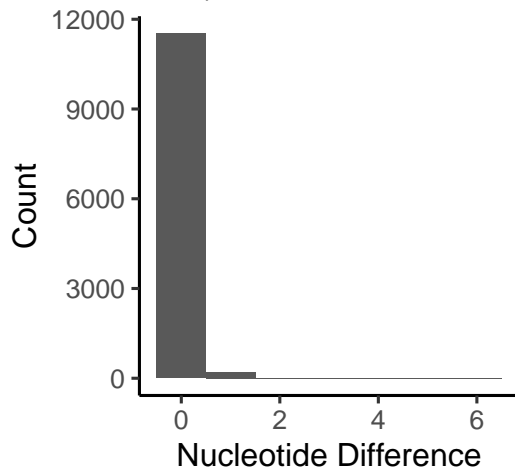
TRBV7-2*ap01

11809 sequences assigned
11704 (99.1%) exact matches, in which:
11532 unique CDR3
13 unique J



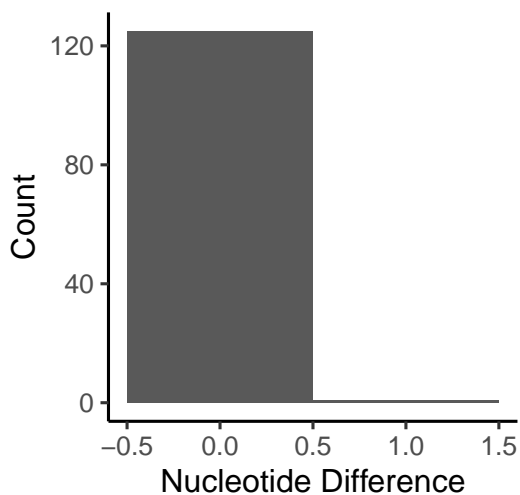
TRBV6-23*ap01

11738 sequences assigned
11525 (98.2%) exact matches, in which:
11083 unique CDR3
13 unique J



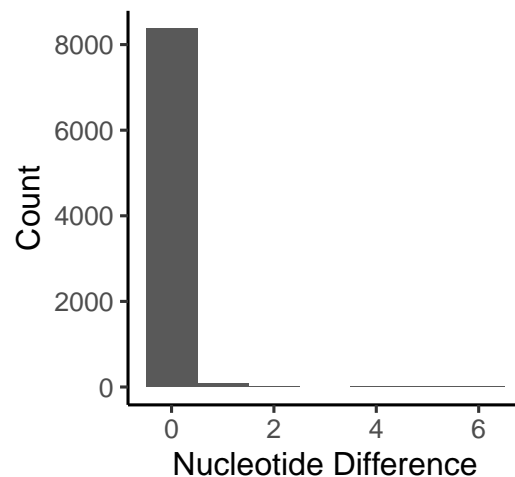
TRBV7-1*ap01_G291C_

126 sequences assigned
125 (99.2%) exact matches, in which:
124 unique CDR3
13 unique J



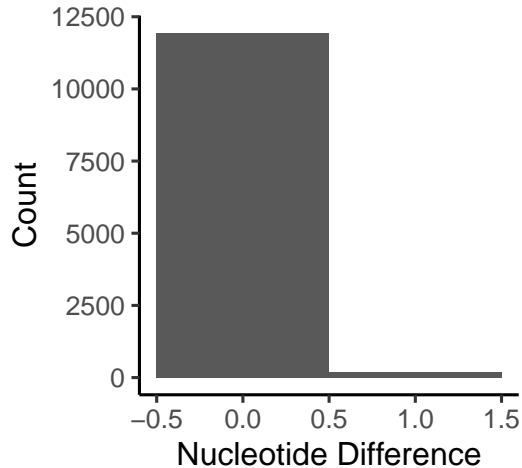
TRBV7-3*ap01

8459 sequences assigned
8371 (99%) exact matches, in which:
8245 unique CDR3
13 unique J



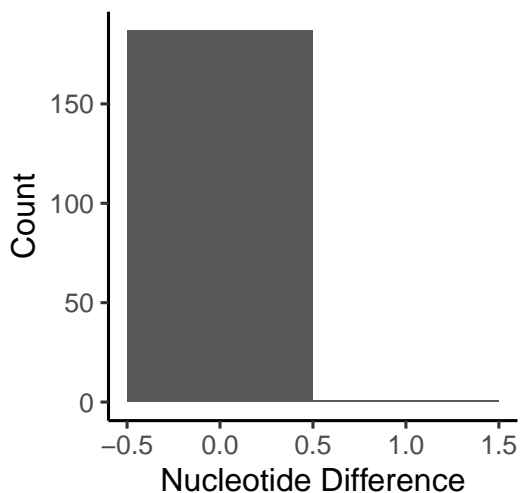
TRBV6-56*ap01

12122 sequences assigned
11944 (98.5%) exact matches, in which:
11564 unique CDR3
13 unique J



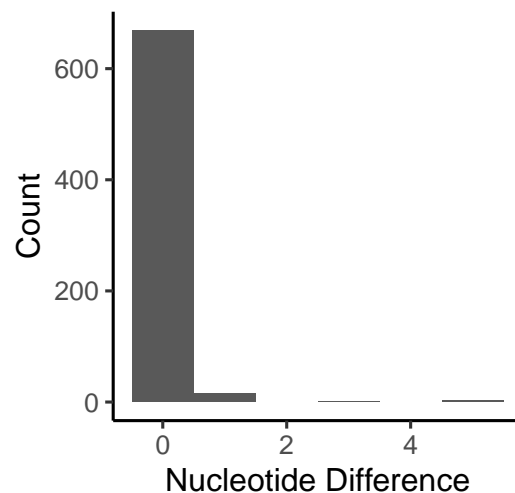
TRBV7-1*ap01_G291C_

188 sequences assigned
187 (99.5%) exact matches, in which:
183 unique CDR3
13 unique J



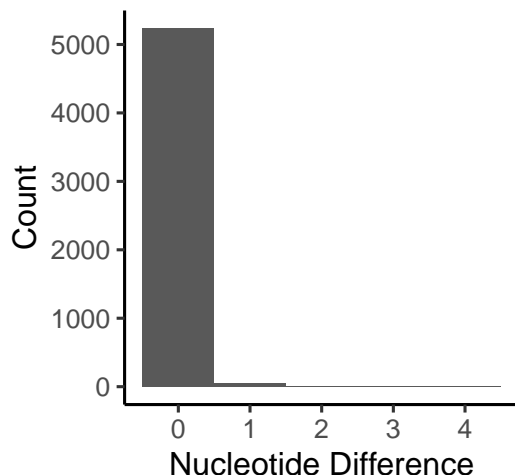
TRBV7-4*ap01

688 sequences assigned
669 (97.2%) exact matches, in which:
651 unique CDR3
13 unique J



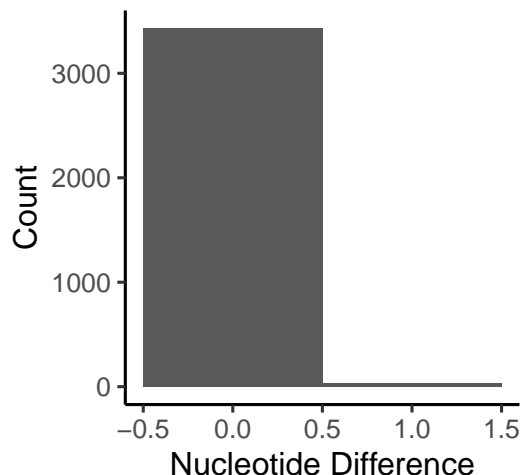
TRBV7-6*ap01

5292 sequences assigned
5235 (98.9%) exact matches, in which:
5133 unique CDR3
13 unique J



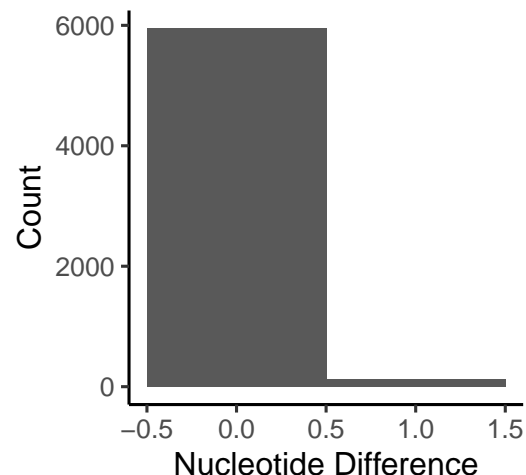
TRBV7-8*ap01

3466 sequences assigned
3430 (99%) exact matches, in which:
3381 unique CDR3
13 unique J



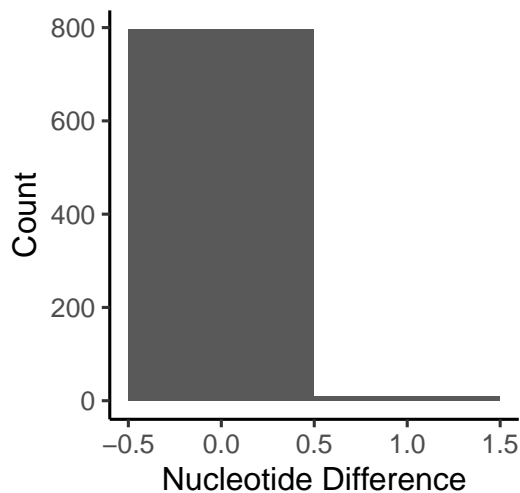
TRBV29-1*ap01

6077 sequences assigned
5949 (97.9%) exact matches, in which:
5737 unique CDR3
13 unique J



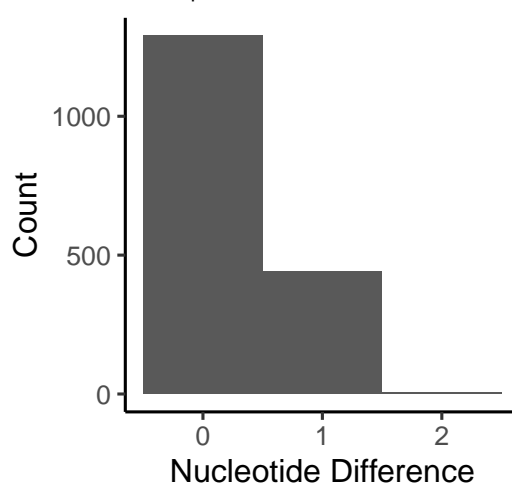
TRBV7-7*ap01

807 sequences assigned
797 (98.8%) exact matches, in which:
781 unique CDR3
13 unique J



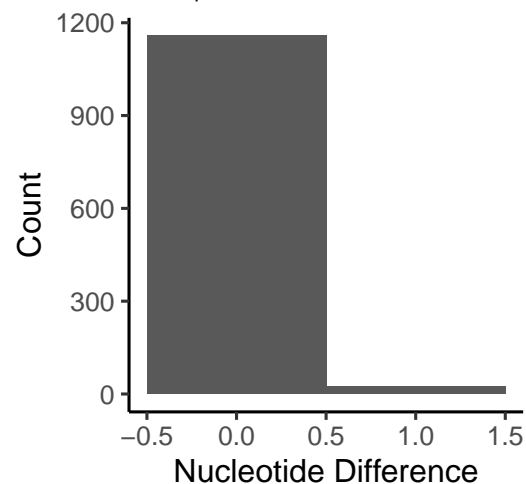
TRBV7-8*ap03

1737 sequences assigned
1290 (74.3%) exact matches, in which:
1274 unique CDR3
13 unique J



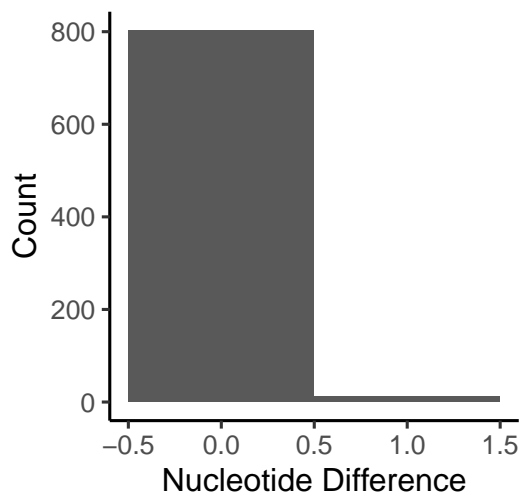
TRBV29-1*ap02

1181 sequences assigned
1158 (98.1%) exact matches, in which:
1122 unique CDR3
13 unique J



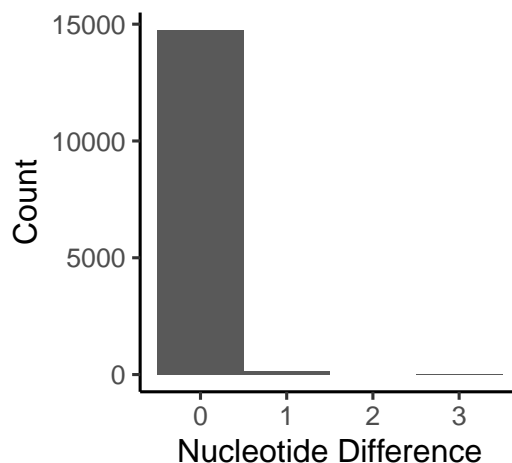
TRBV7-7*ap01_C315T

815 sequences assigned
803 (98.5%) exact matches, in which:
790 unique CDR3
13 unique J

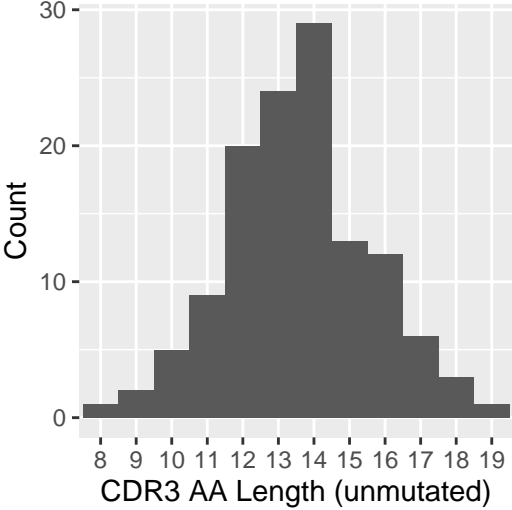


TRBV7-9*ap01

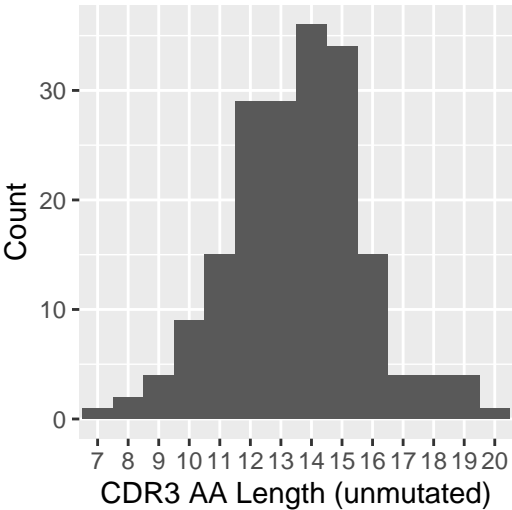
14927 sequences assigned
14759 (98.9%) exact matches, in which:
14406 unique CDR3
13 unique J



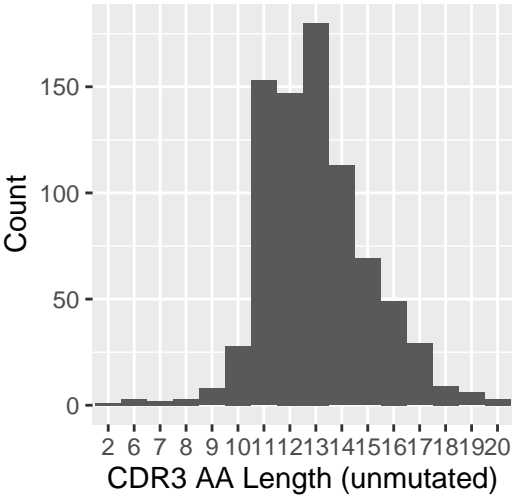
TRBV7-1*ap01_G291C_T296C



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-7*ap01_C315T





[illegible]