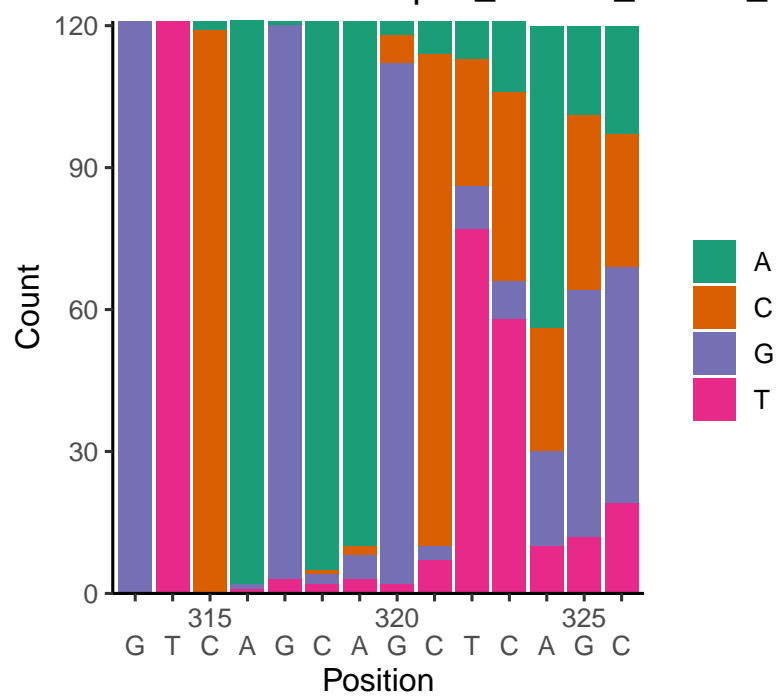
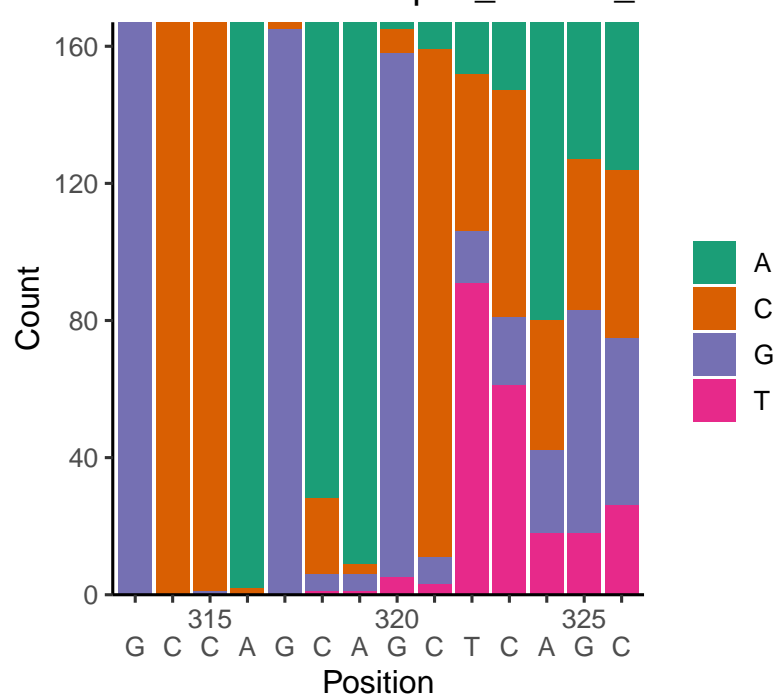


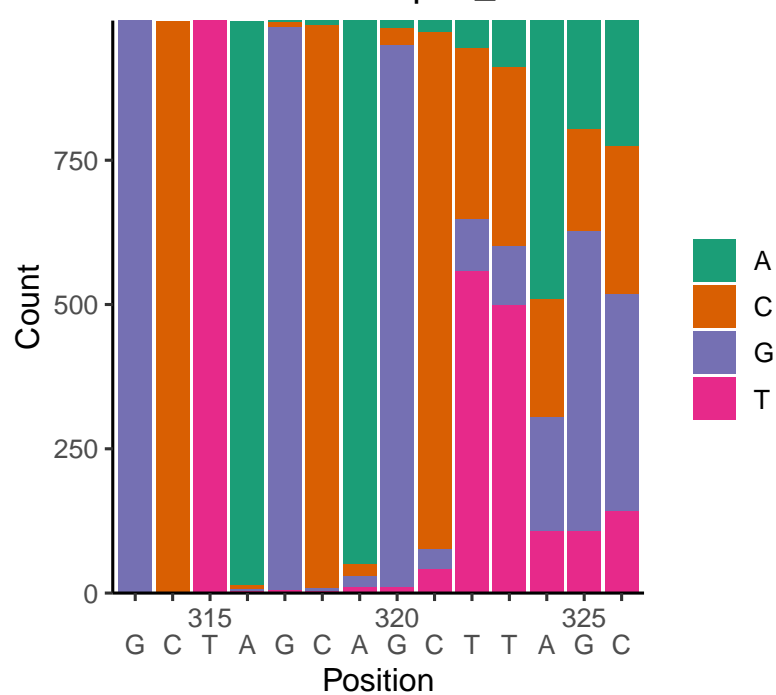
Gene TRBV7-1*ap01_G291C_T296C_C314T



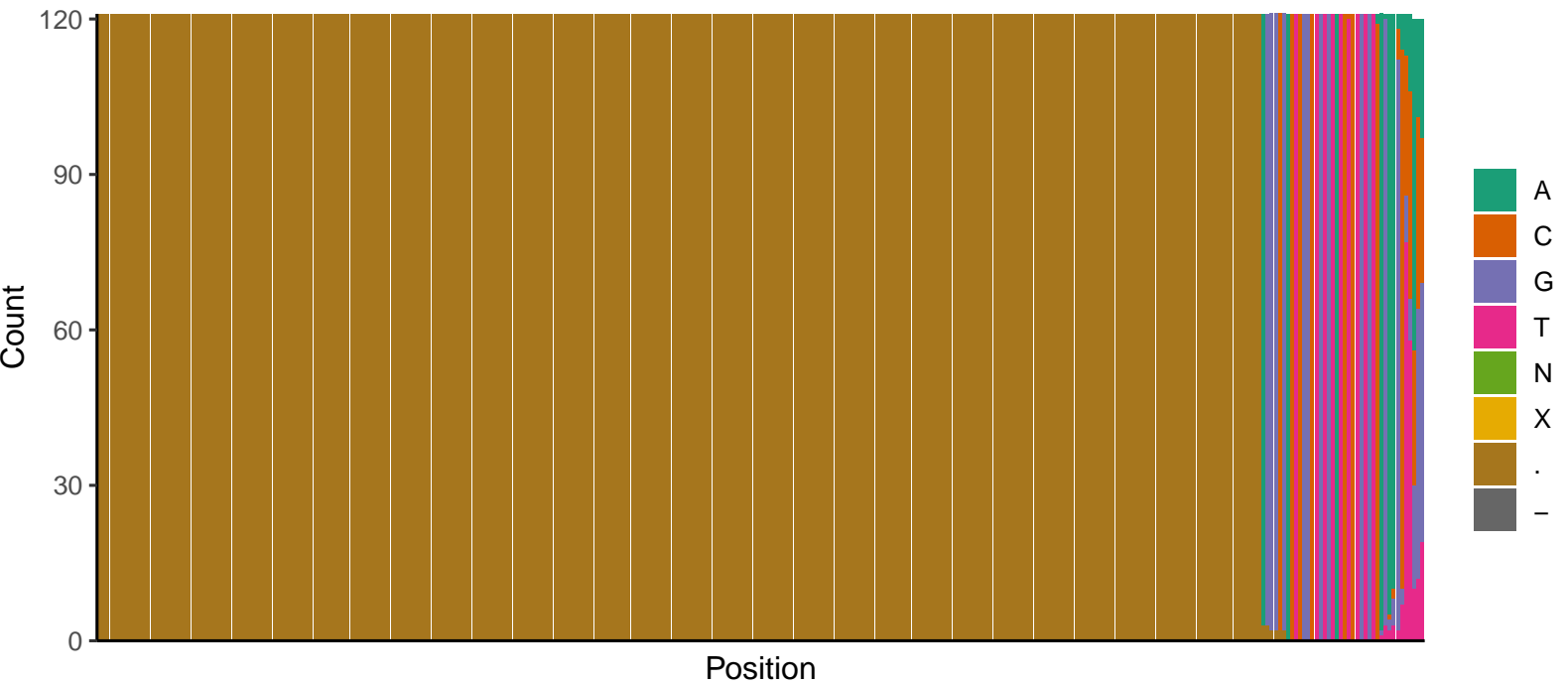
Gene TRBV7-1*ap01_G291C_T296C



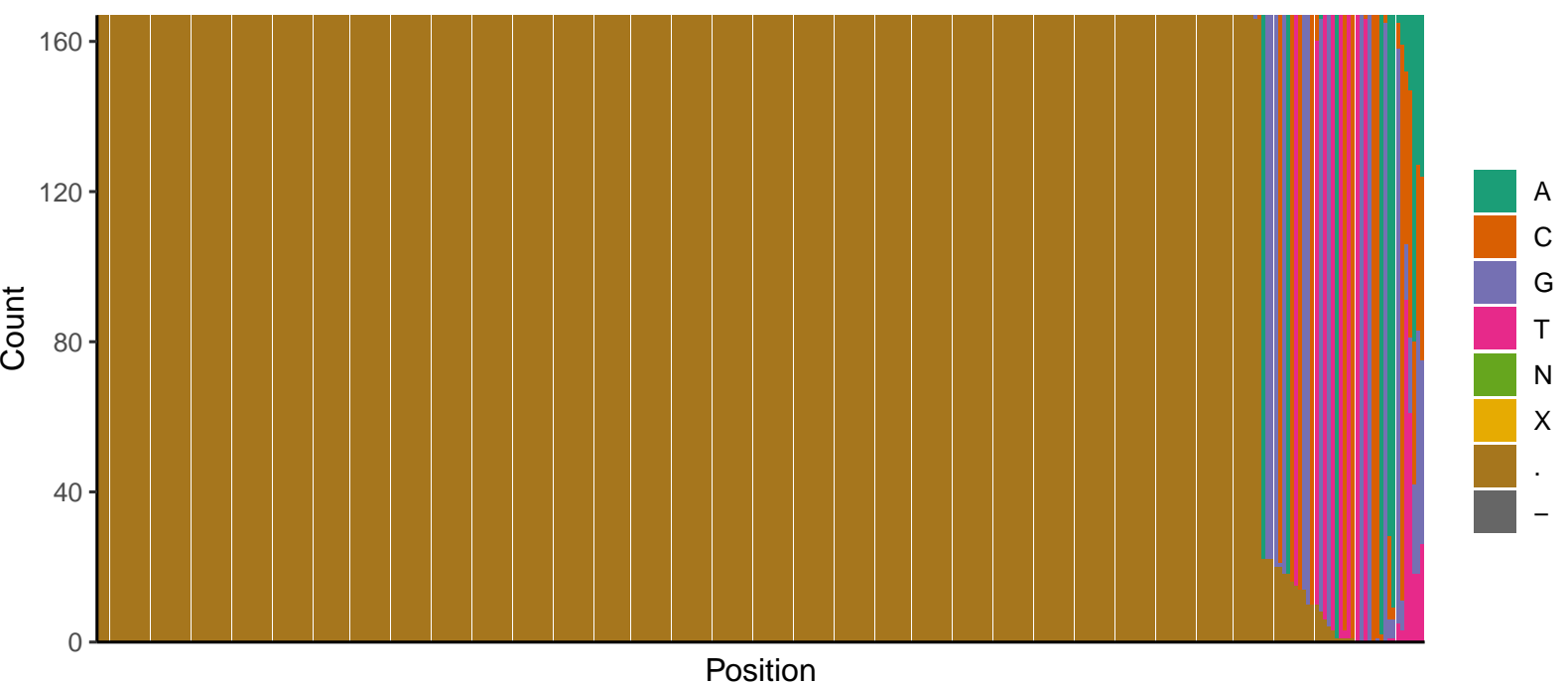
Gene TRBV7-7*ap01_C315T



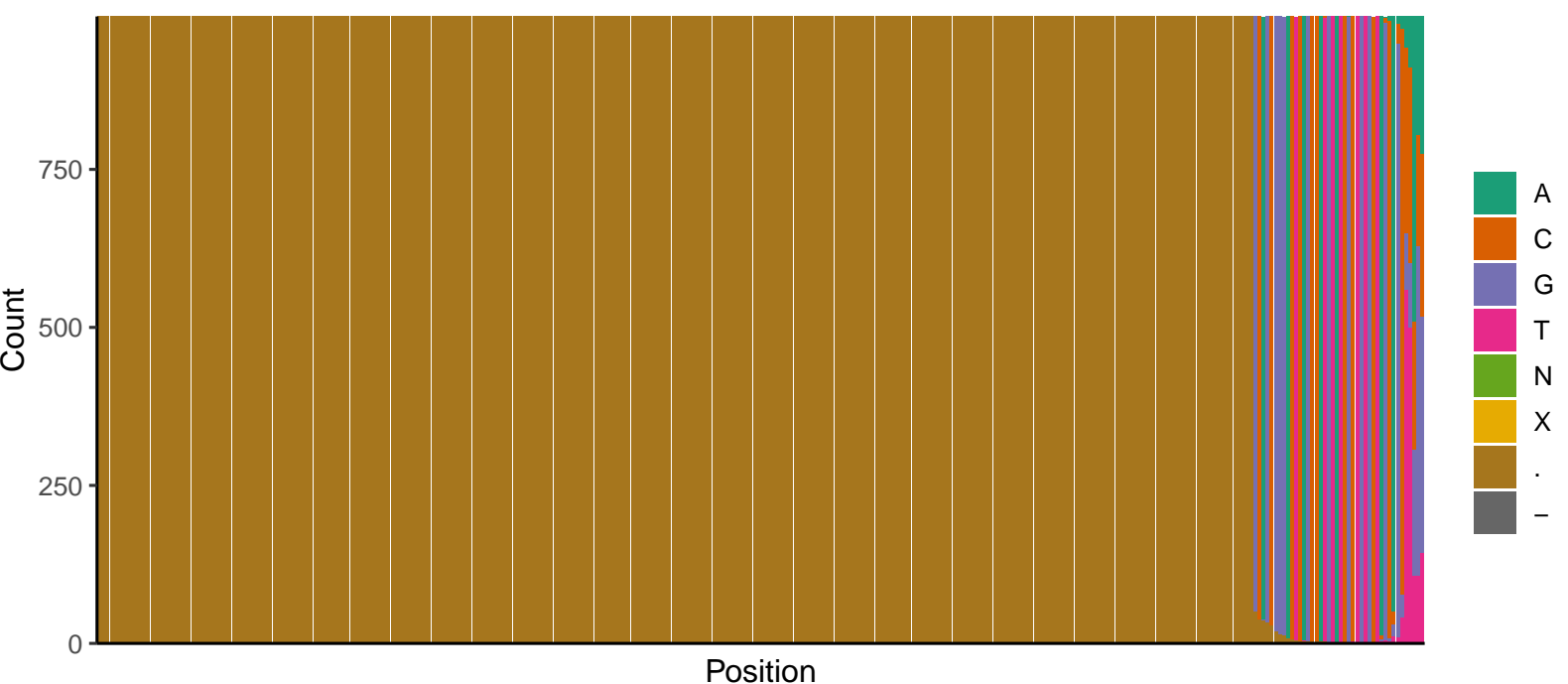
Gene TRBV7-1*ap01_G291C_T296C_C314T



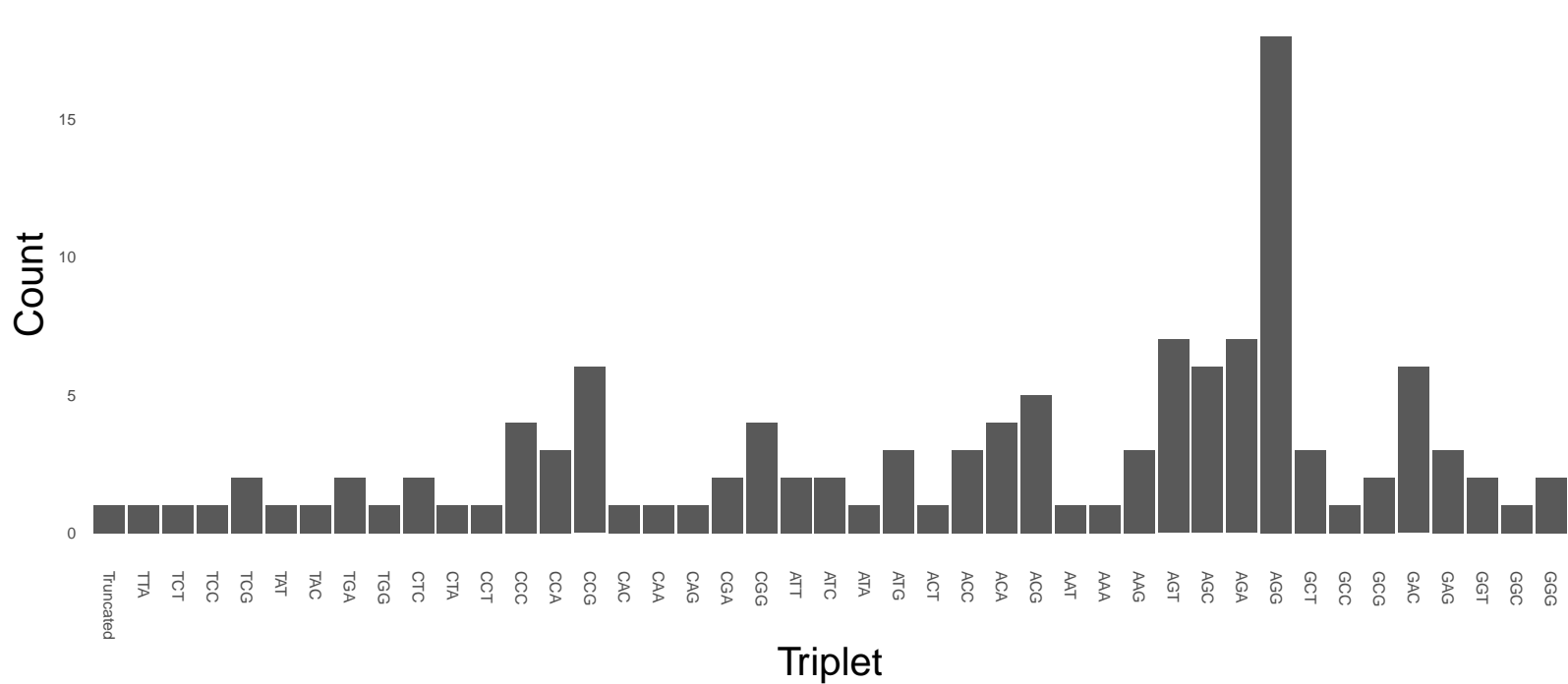
Gene TRBV7-1*ap01_G291C_T296C



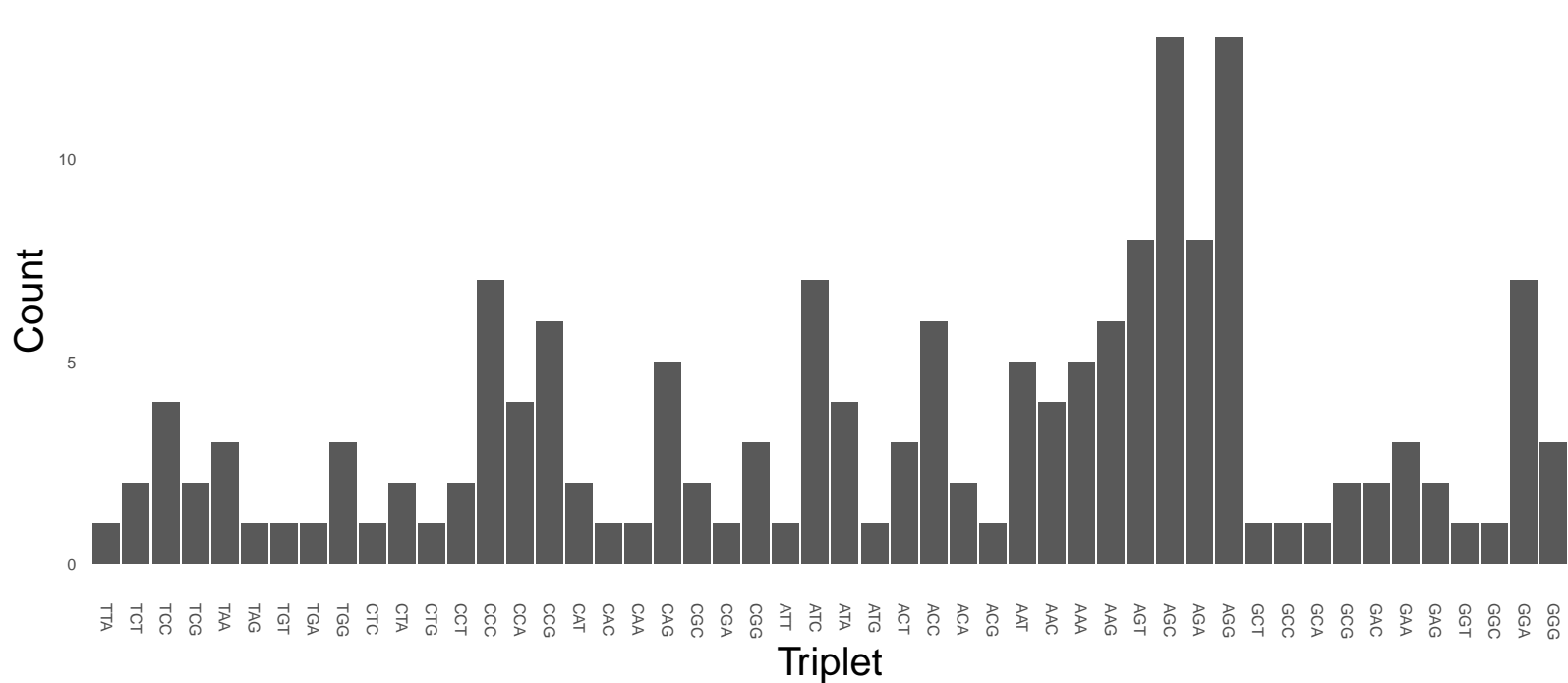
Gene TRBV7-7*ap01_C315T



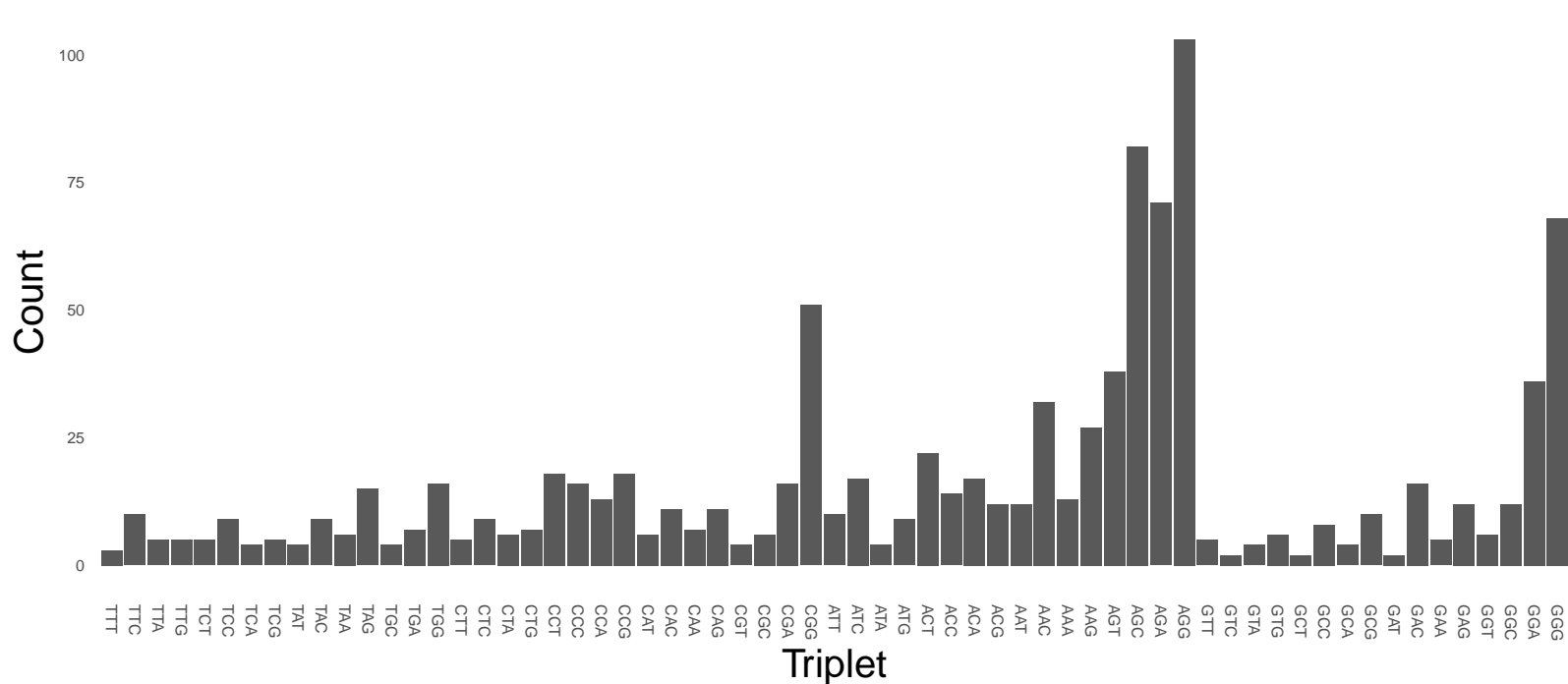
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

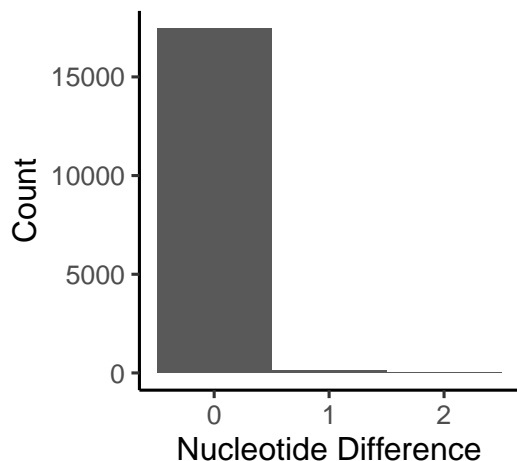


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



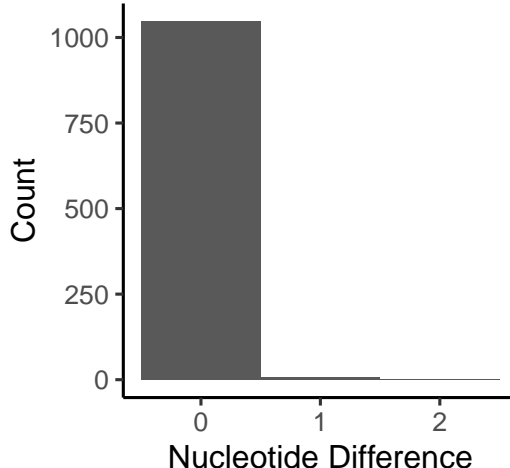
TRBV20-1*ap01

17589 sequences assigned
17470 (99.3%) exact matches, in which:
17289 unique CDR3
13 unique J



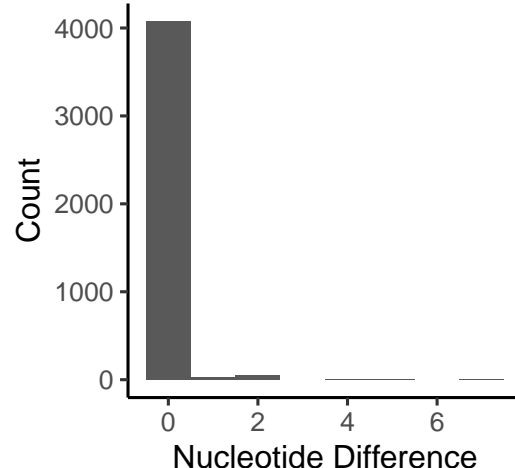
TRBV10-2*ap01

1054 sequences assigned
1047 (99.3%) exact matches, in which:
1023 unique CDR3
13 unique J



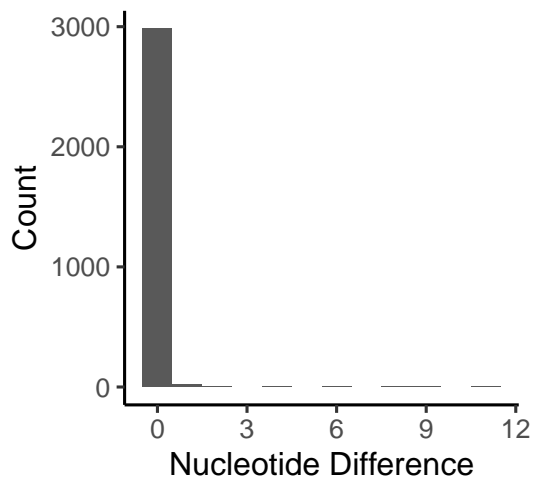
TRBV13*ap01

4162 sequences assigned
4075 (97.9%) exact matches, in which:
3958 unique CDR3
14 unique J



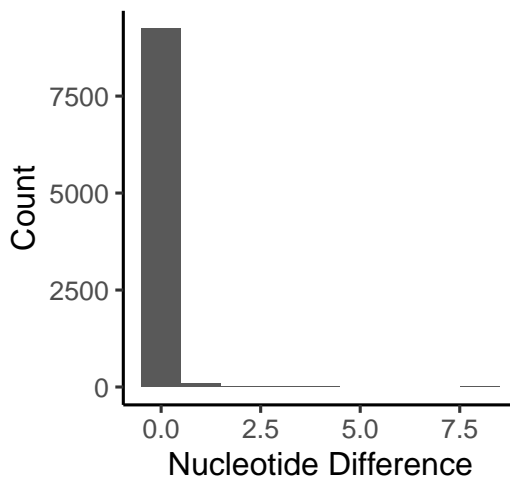
TRBV10-1*ap01

3012 sequences assigned
2983 (99%) exact matches, in which:
2930 unique CDR3
13 unique J



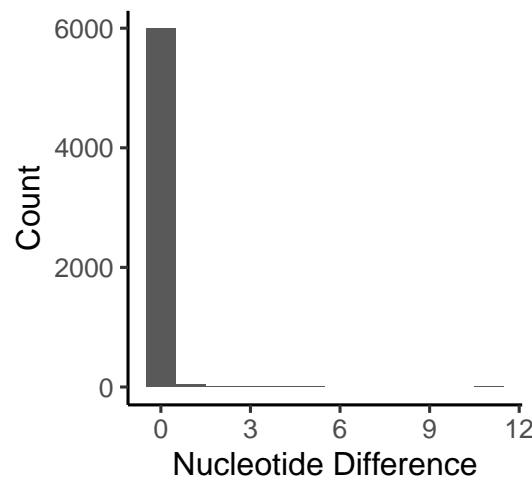
TRBV10-3*ap01

9330 sequences assigned
9237 (99%) exact matches, in which:
9078 unique CDR3
13 unique J



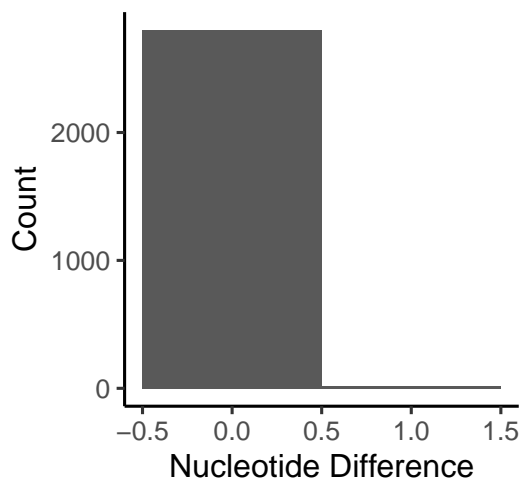
TRBV14*ap01

6036 sequences assigned
5991 (99.3%) exact matches, in which:
5915 unique CDR3
13 unique J



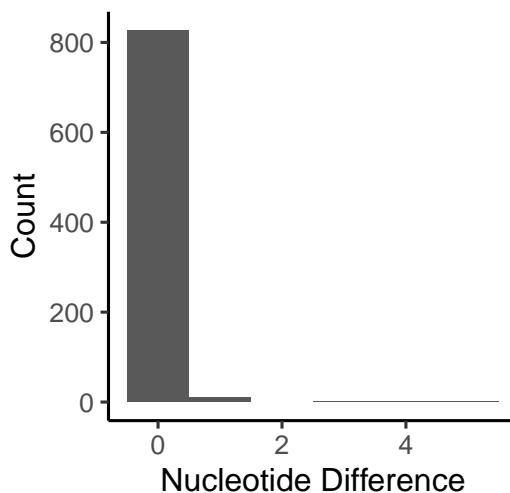
TRBV20-1*ap02

2821 sequences assigned
2801 (99.3%) exact matches, in which:
2777 unique CDR3
13 unique J



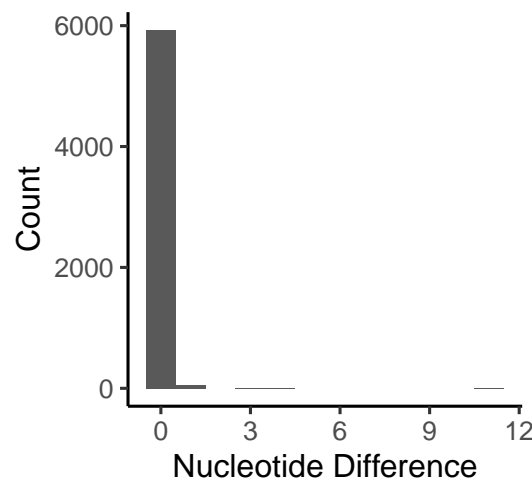
TRBV1*ap01

842 sequences assigned
827 (98.2%) exact matches, in which:
800 unique CDR3
13 unique J



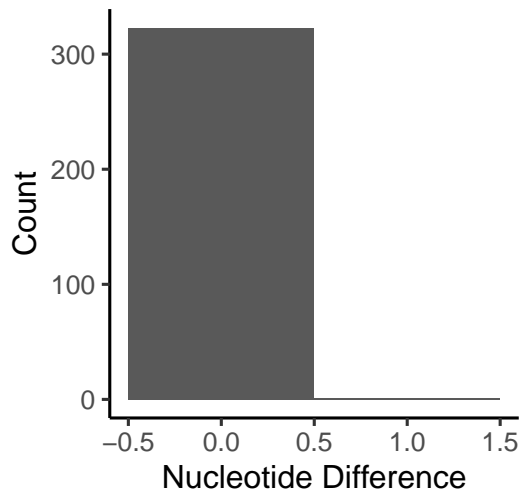
TRBV15*ap02

5985 sequences assigned
5927 (99%) exact matches, in which:
5829 unique CDR3
13 unique J



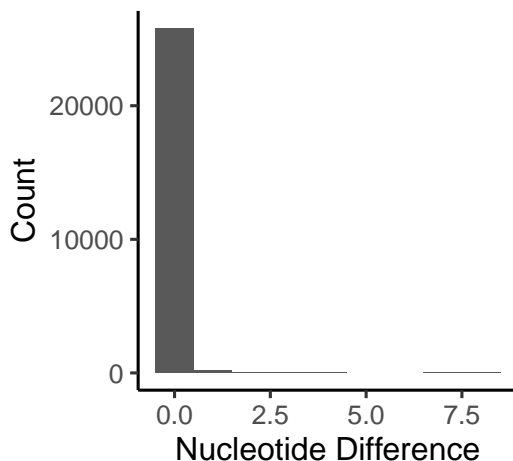
TRBV16*ap01

324 sequences assigned
323 (99.7%) exact matches, in which:
323 unique CDR3
13 unique J



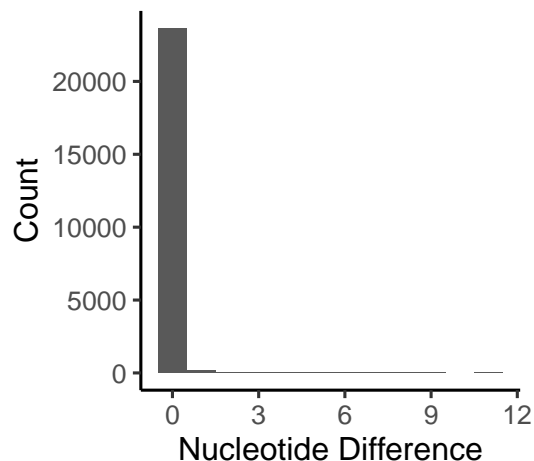
TRBV19*ap01

25984 sequences assigned
25808 (99.3%) exact matches, in which:
25645 unique CDR3
13 unique J



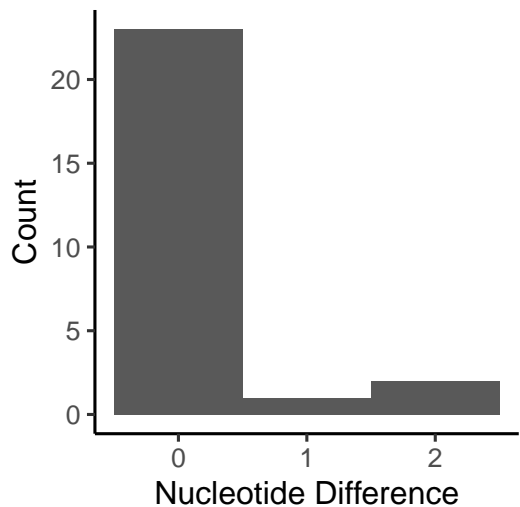
TRBV27*ap01

23888 sequences assigned
23653 (99%) exact matches, in which:
23258 unique CDR3
13 unique J



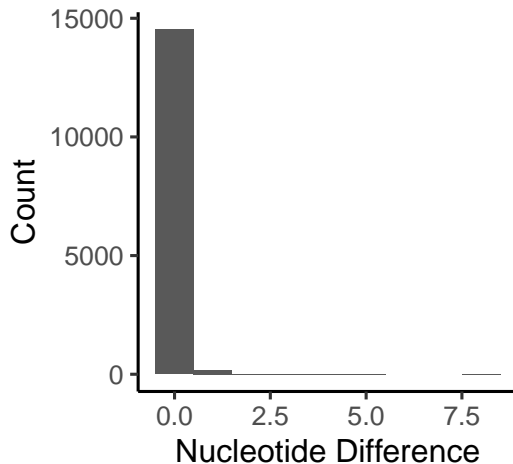
TRBV17*ap01

26 sequences assigned
23 (88.5%) exact matches, in which:
23 unique CDR3
9 unique J



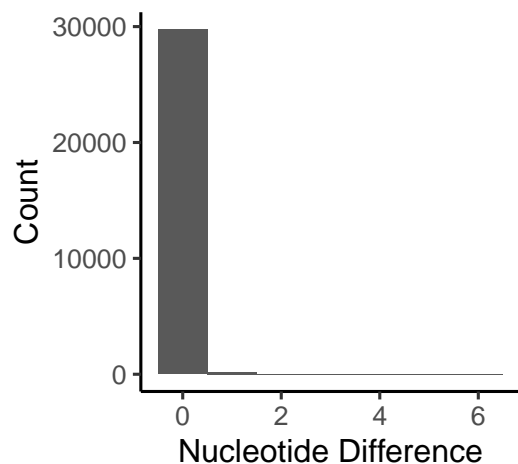
TRBV2*ap01

14734 sequences assigned
14528 (98.6%) exact matches, in which:
14193 unique CDR3
13 unique J



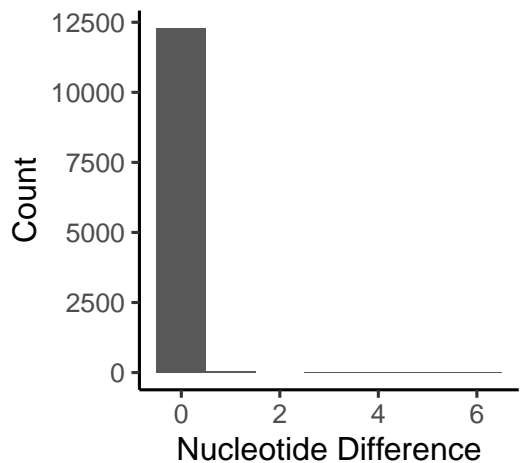
TRBV28*ap01

29949 sequences assigned
29753 (99.3%) exact matches, in which:
29423 unique CDR3
13 unique J



TRBV18*ap01

12361 sequences assigned
12303 (99.5%) exact matches, in which:
12186 unique CDR3
13 unique J



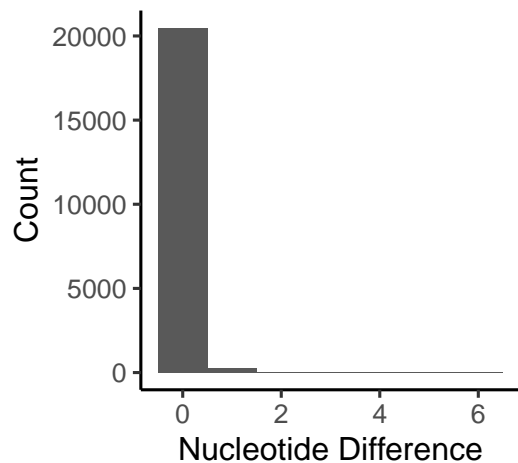
TRBV26*ap01

1 sequences assigned
No exact matches.



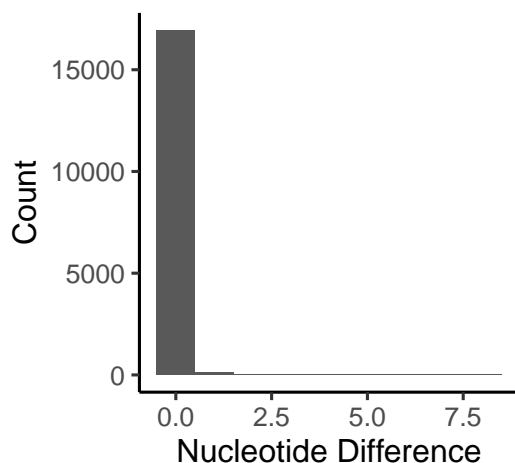
TRBV30*ap01

20788 sequences assigned
20485 (98.5%) exact matches, in which:
20127 unique CDR3
13 unique J



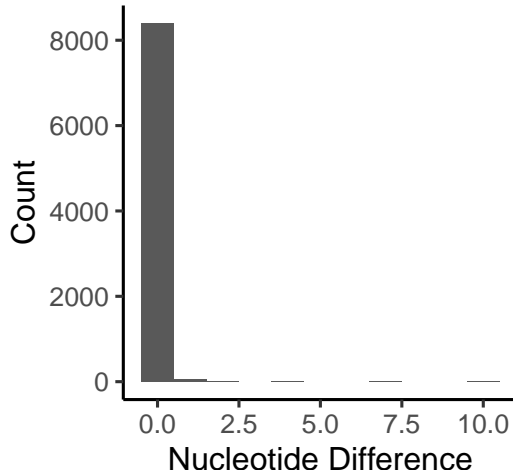
TRBV9*ap01

17076 sequences assigned
16945 (99.2%) exact matches, in which:
16746 unique CDR3
13 unique J



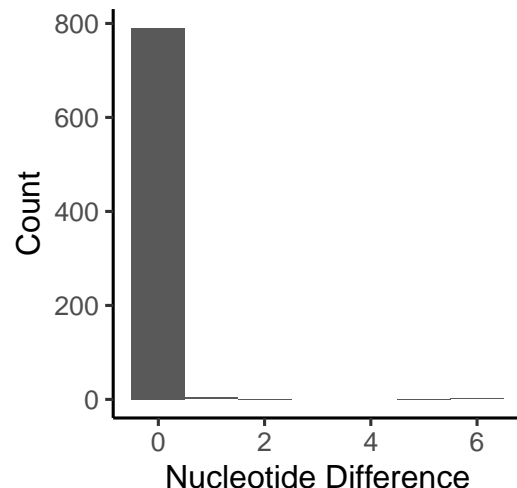
TRBV11-2*ap01

8454 sequences assigned
8394 (99.3%) exact matches, in which:
8276 unique CDR3
13 unique J



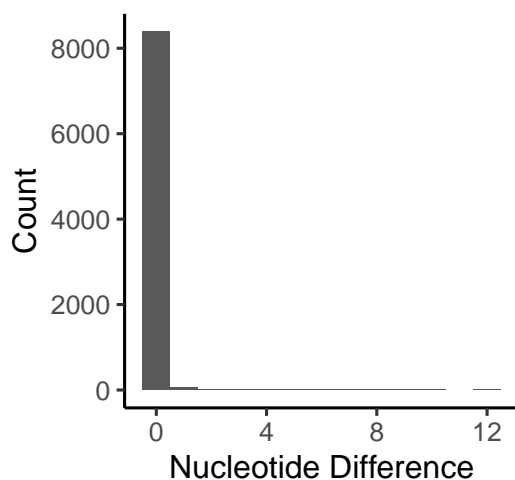
TRBV12-2*ap01

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



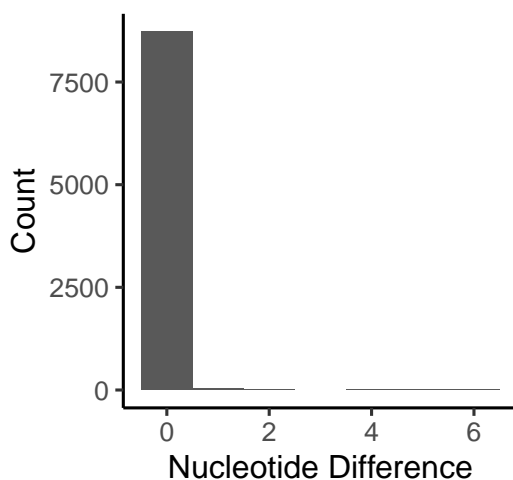
TRBV21-1*ap01

8505 sequences assigned
8387 (98.6%) exact matches, in which:
8296 unique CDR3
13 unique J



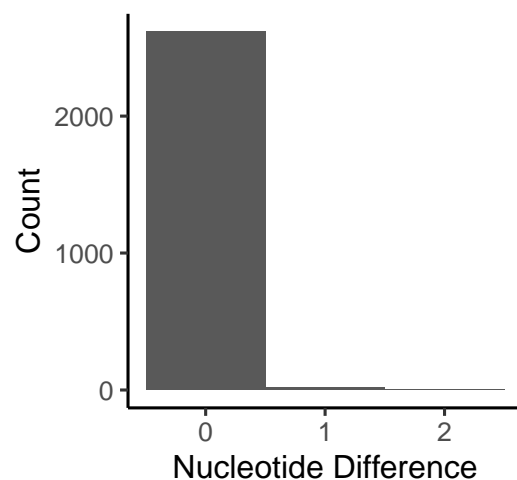
TRBV11-3*ap01

8774 sequences assigned
8725 (99.4%) exact matches, in which:
8618 unique CDR3
13 unique J



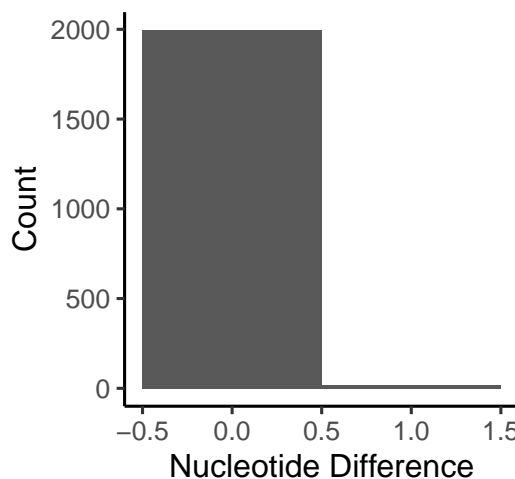
TRBV12-5*ap01

2637 sequences assigned
2616 (99.2%) exact matches, in which:
2585 unique CDR3
13 unique J



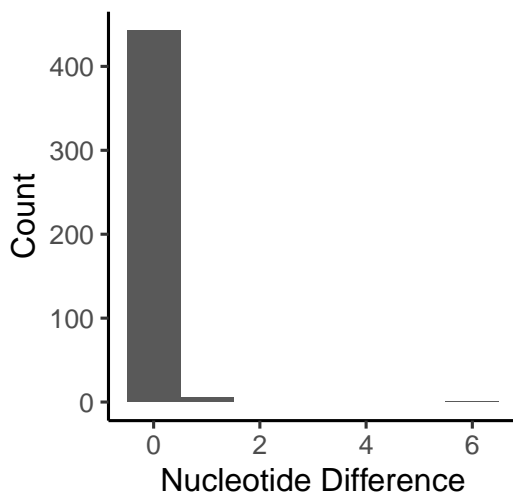
TRBV11-1*ap01

2015 sequences assigned
1996 (99.1%) exact matches, in which:
1965 unique CDR3
13 unique J



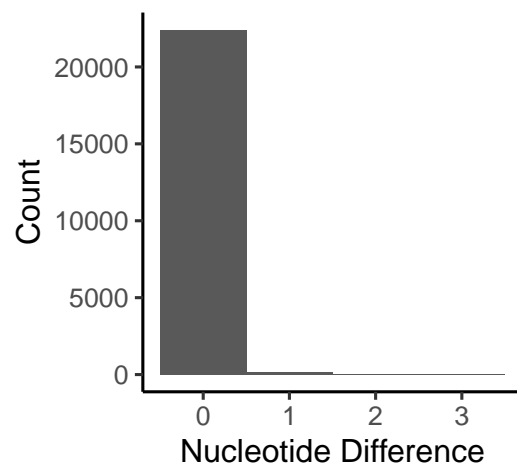
TRBV12-1*ap01

449 sequences assigned
443 (98.7%) exact matches, in which:
438 unique CDR3
13 unique J



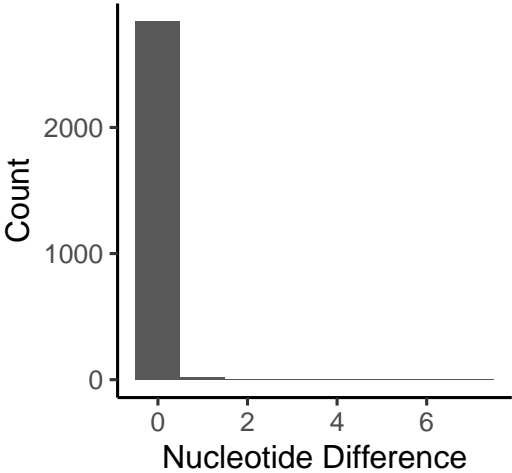
TRBV12-34*ap01

22580 sequences assigned
22416 (99.3%) exact matches, in which:
22065 unique CDR3
13 unique J



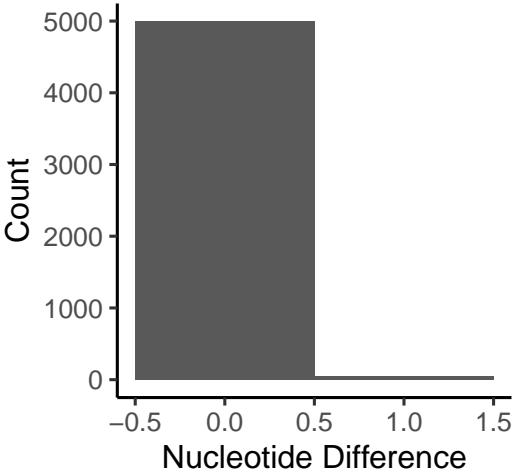
TRBV23-1*ap01

2876 sequences assigned
2841 (98.8%) exact matches, in which:
2794 unique CDR3
13 unique J



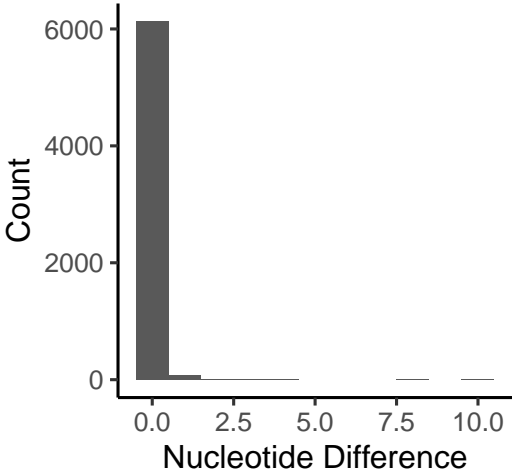
TRBV4-1*ap01

5044 sequences assigned
4995 (99%) exact matches, in which:
4887 unique CDR3
13 unique J



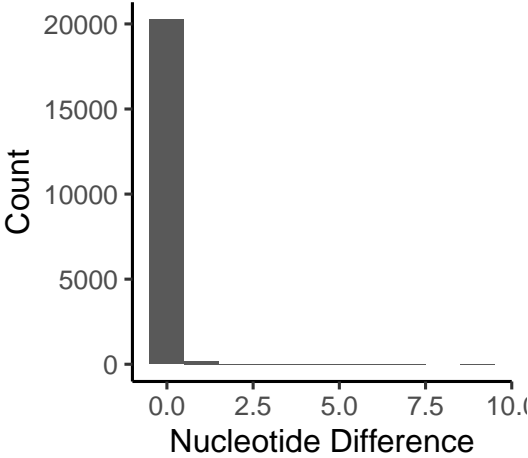
TRBV25-1*ap01

6210 sequences assigned
6129 (98.7%) exact matches, in which:
5992 unique CDR3
13 unique J



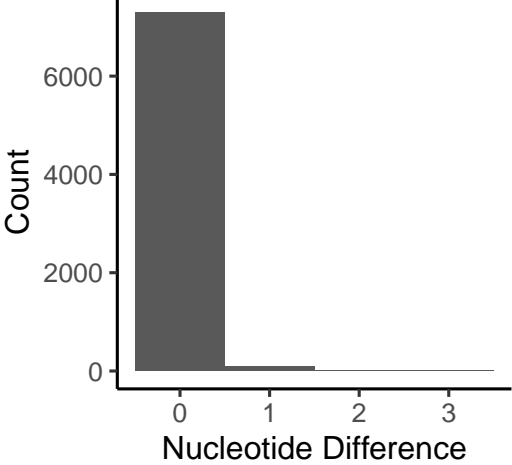
TRBV3-12*ap01

20462 sequences assigned
20262 (99%) exact matches, in which:
19941 unique CDR3
13 unique J



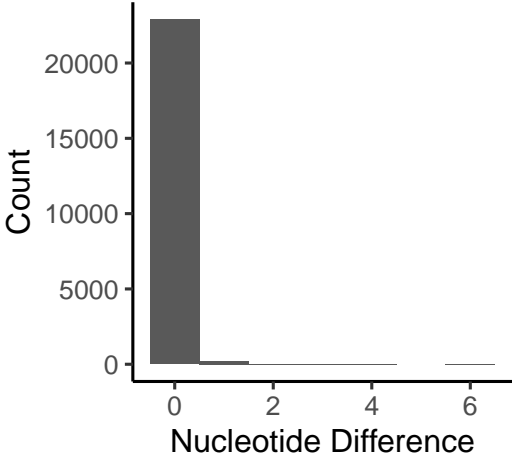
TRBV4-2*ap01

7381 sequences assigned
7290 (98.8%) exact matches, in which:
7159 unique CDR3
13 unique J



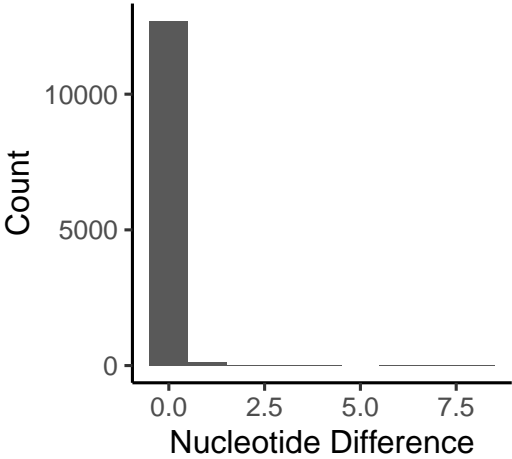
TRBV5-1*ap01

23114 sequences assigned
22892 (99%) exact matches, in which:
22430 unique CDR3
13 unique J



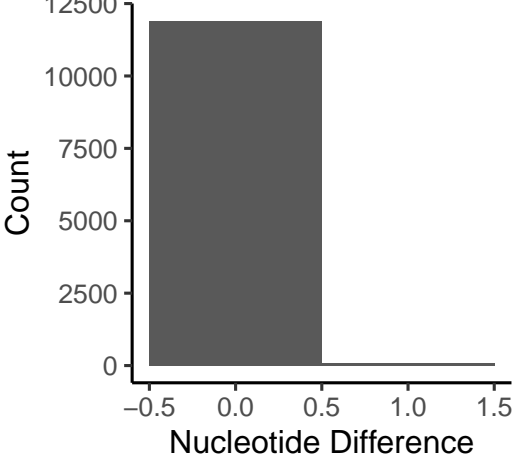
TRBV24-1*ap01

12860 sequences assigned
12704 (98.8%) exact matches, in which:
12482 unique CDR3
13 unique J



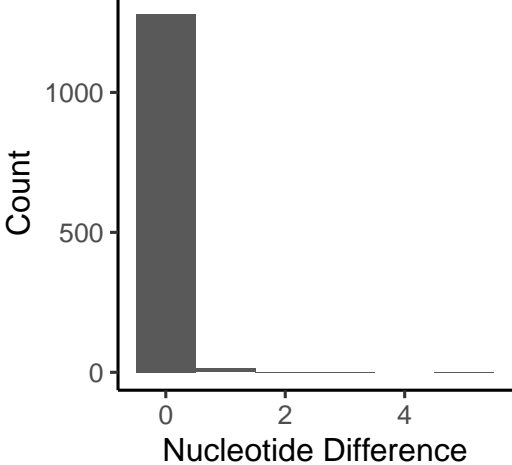
TRBV4-3*ap01

12007 sequences assigned
11905 (99.2%) exact matches, in which:
11689 unique CDR3
13 unique J



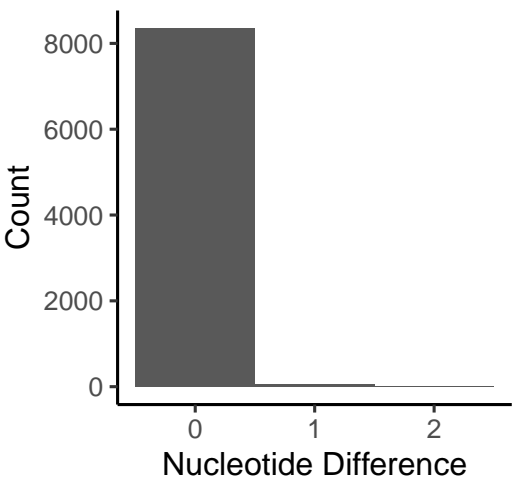
TRBV5-3*ap01

1298 sequences assigned
1280 (98.6%) exact matches, in which:
1272 unique CDR3
13 unique J



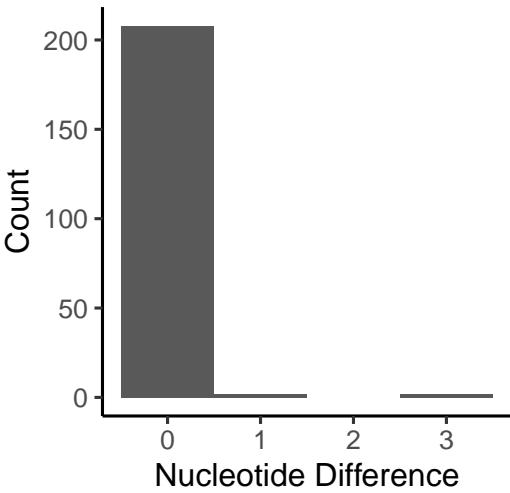
TRBV5-4*ap01

8415 sequences assigned
8349 (99.2%) exact matches, in which:
8184 unique CDR3
13 unique J



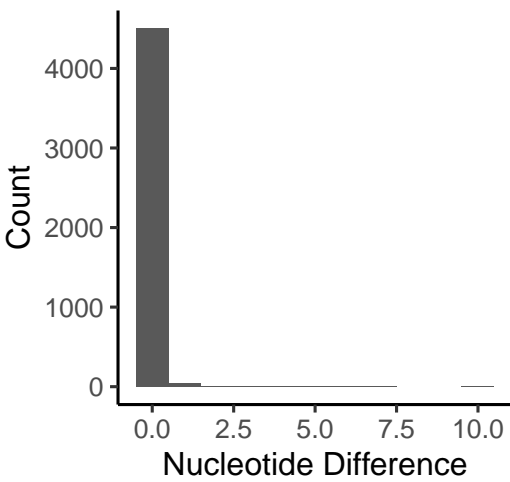
TRBV5-7*ap01

212 sequences assigned
208 (98.1%) exact matches, in which:
206 unique CDR3
13 unique J



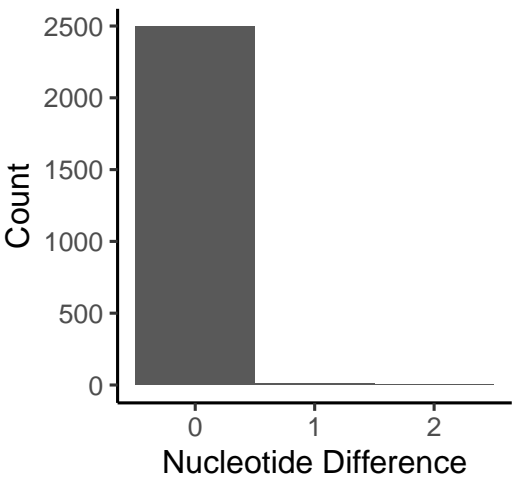
TRBV6-4*ap01

4563 sequences assigned
4503 (98.7%) exact matches, in which:
4441 unique CDR3
13 unique J



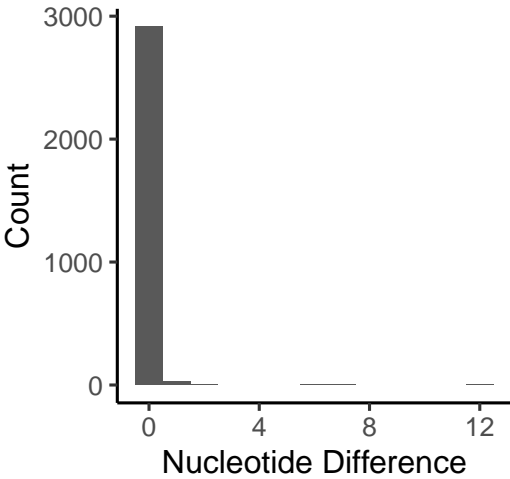
TRBV5-5*ap01

2509 sequences assigned
2495 (99.4%) exact matches, in which:
2473 unique CDR3
13 unique J



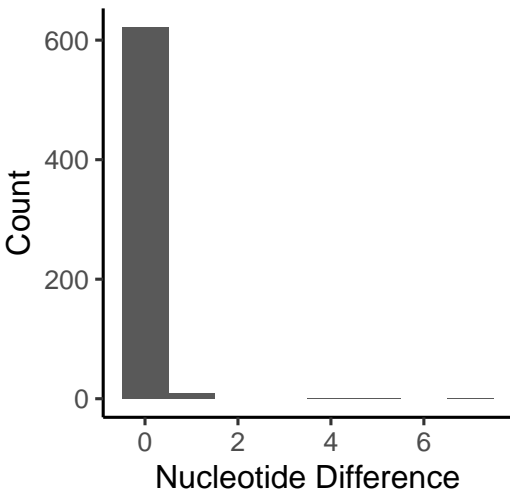
TRBV5-8*ap01

2953 sequences assigned
2914 (98.7%) exact matches, in which:
2888 unique CDR3
13 unique J



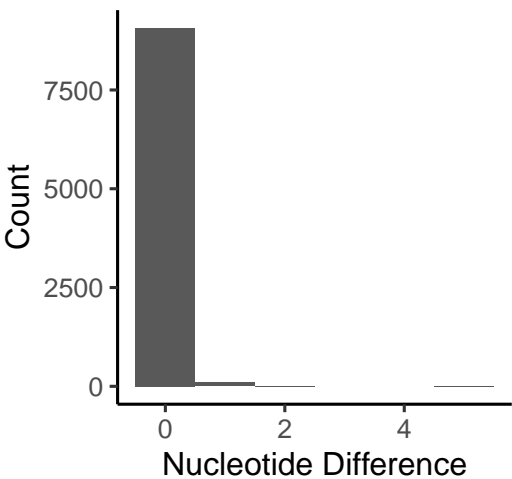
TRBV6-7*ap01

634 sequences assigned
622 (98.1%) exact matches, in which:
611 unique CDR3
13 unique J



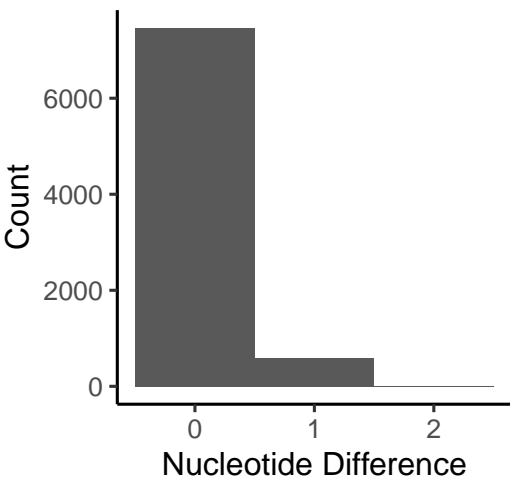
TRBV5-6*ap01

9164 sequences assigned
9067 (98.9%) exact matches, in which:
8845 unique CDR3
13 unique J



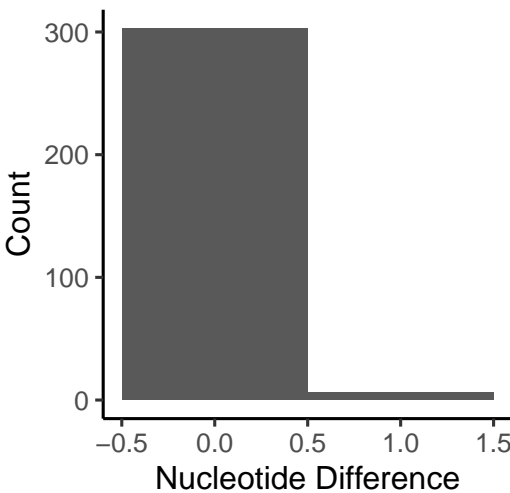
TRBV6-1*ap01

8050 sequences assigned
7462 (92.7%) exact matches, in which:
7333 unique CDR3
13 unique J



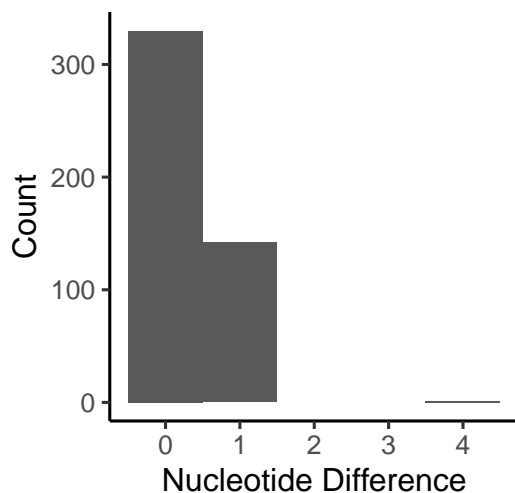
TRBV6-8*ap01

309 sequences assigned
303 (98.1%) exact matches, in which:
297 unique CDR3
13 unique J



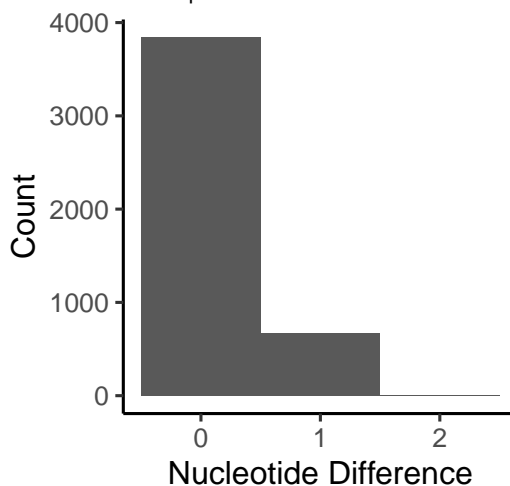
TRBV6-9*ap01

473 sequences assigned
330 (69.8%) exact matches, in which:
325 unique CDR3
13 unique J



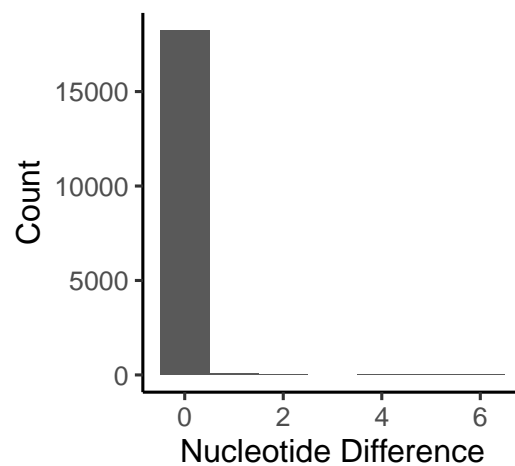
TRBV6-56*ap02

4509 sequences assigned
3841 (85.2%) exact matches, in which:
3746 unique CDR3
13 unique J



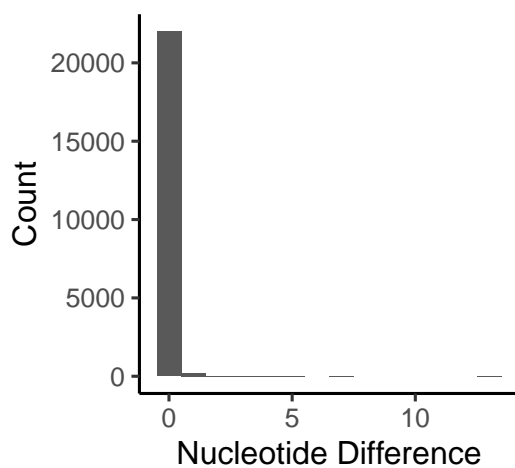
TRBV7-2*ap01

18350 sequences assigned
18251 (99.5%) exact matches, in which:
18028 unique CDR3
13 unique J



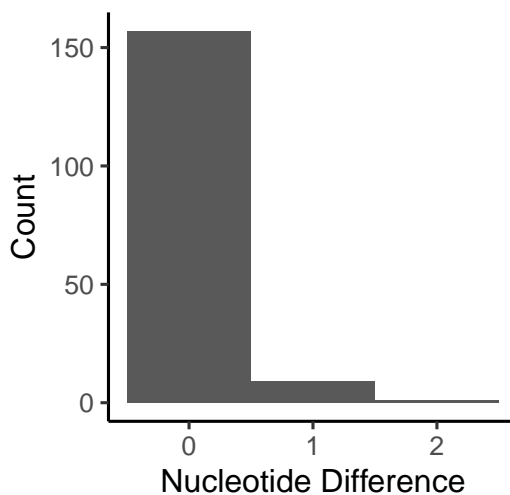
TRBV6-23*ap01

22211 sequences assigned
22003 (99.1%) exact matches, in which:
21435 unique CDR3
13 unique J



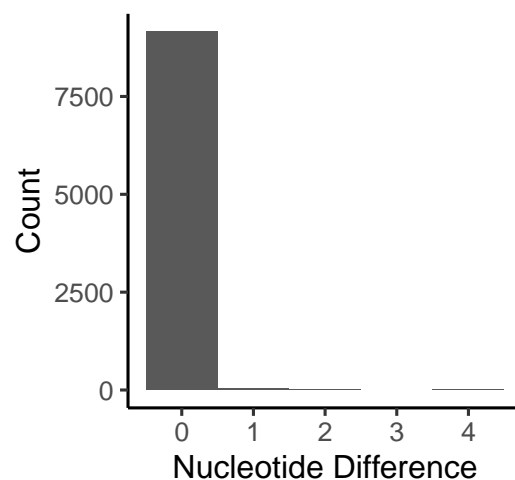
TRBV7-1*ap01_G291C_

167 sequences assigned
157 (94%) exact matches, in which:
157 unique CDR3
12 unique J



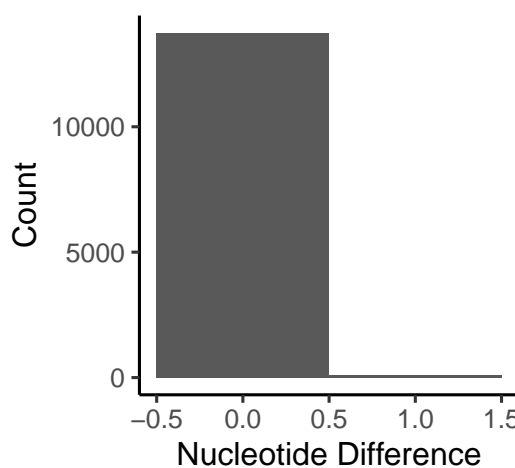
TRBV7-3*ap01

9204 sequences assigned
9154 (99.5%) exact matches, in which:
9064 unique CDR3
13 unique J



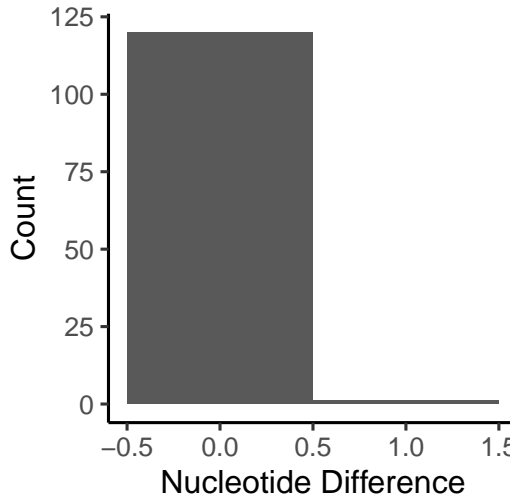
TRBV6-56*ap01

13866 sequences assigned
13747 (99.1%) exact matches, in which:
13431 unique CDR3
13 unique J



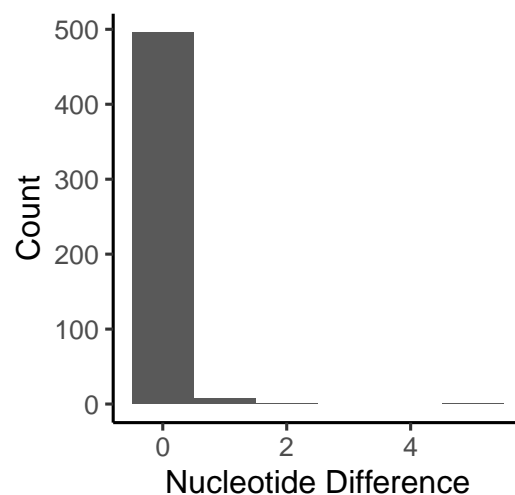
TRBV7-1*ap01_G291C_

121 sequences assigned
120 (99.2%) exact matches, in which:
117 unique CDR3
13 unique J



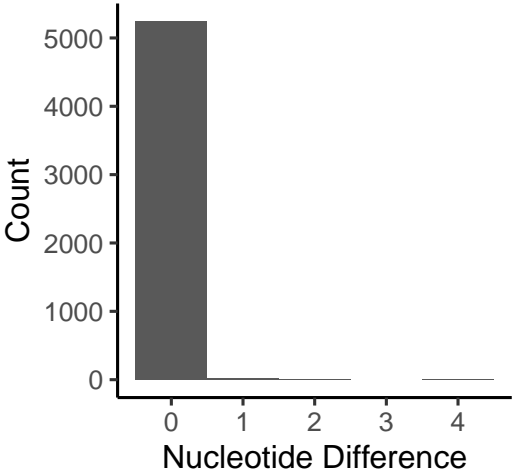
TRBV7-4*ap01

506 sequences assigned
496 (98%) exact matches, in which:
491 unique CDR3
13 unique J



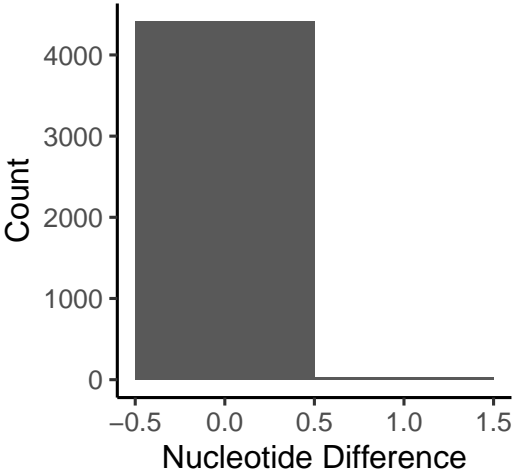
TRBV7-6*ap01

5264 sequences assigned
5242 (99.6%) exact matches, in which:
5167 unique CDR3
13 unique J



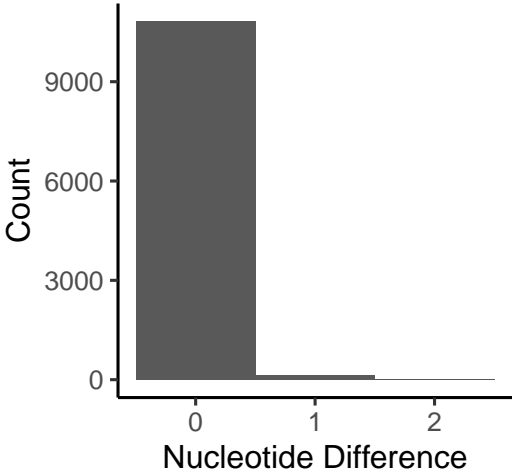
TRBV7-8*ap01

4449 sequences assigned
4413 (99.2%) exact matches, in which:
4352 unique CDR3
13 unique J



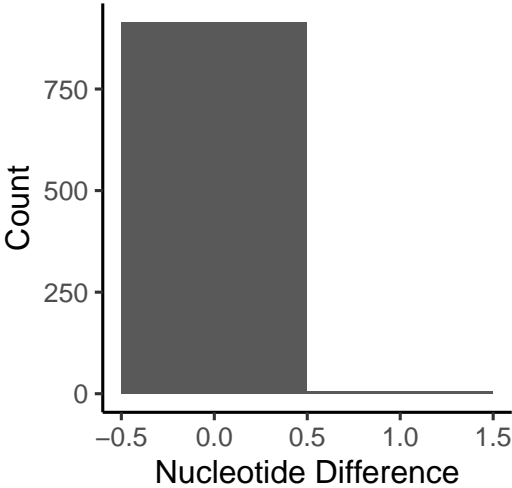
TRBV29-1*ap01

10948 sequences assigned
10821 (98.8%) exact matches, in which:
10600 unique CDR3
13 unique J



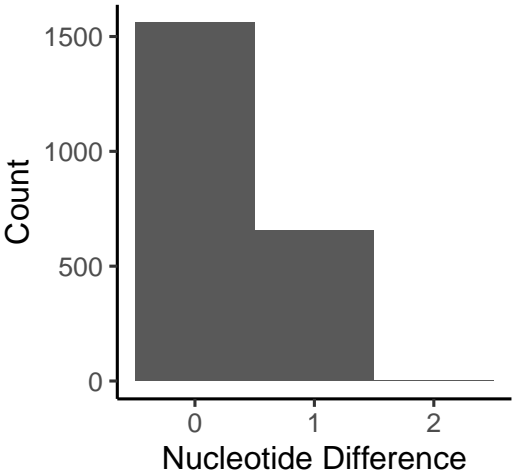
TRBV7-7*ap01

920 sequences assigned
915 (99.5%) exact matches, in which:
906 unique CDR3
13 unique J



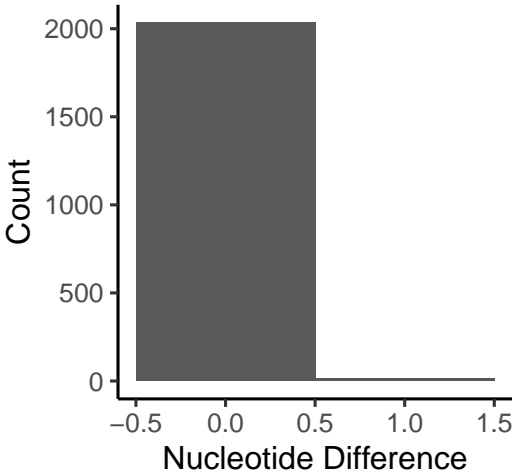
TRBV7-8*ap03

2219 sequences assigned
1560 (70.3%) exact matches, in which:
1534 unique CDR3
13 unique J



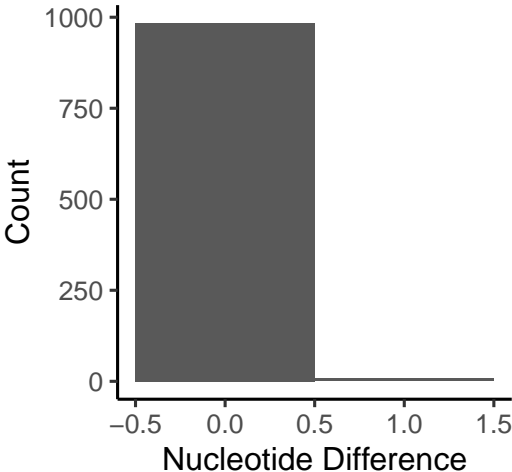
TRBV29-1*ap02

2051 sequences assigned
2034 (99.2%) exact matches, in which:
1991 unique CDR3
13 unique J



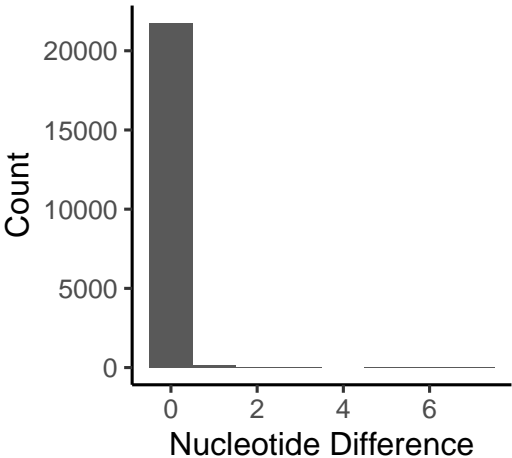
TRBV7-7*ap01_C315T

992 sequences assigned
984 (99.2%) exact matches, in which:
976 unique CDR3
13 unique J

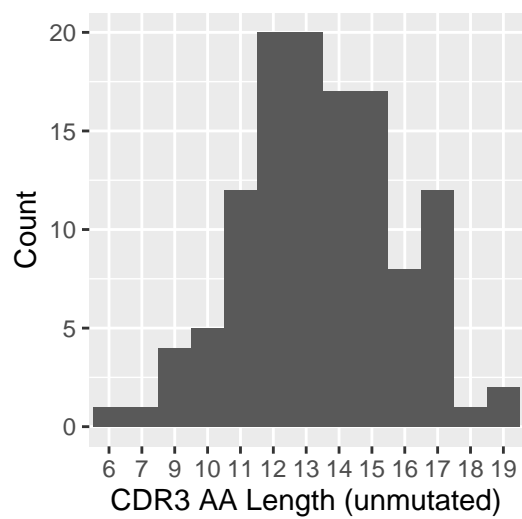


TRBV7-9*ap01

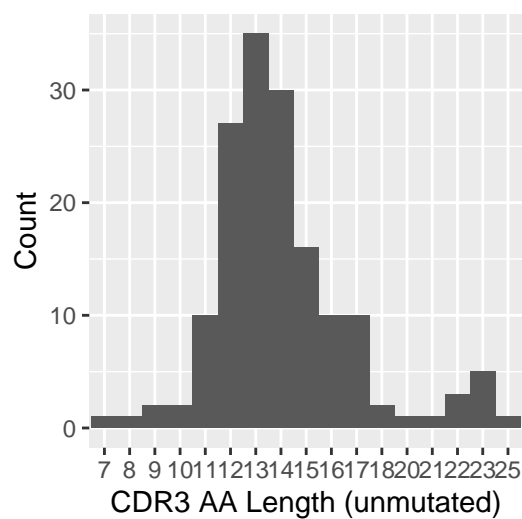
21912 sequences assigned
21766 (99.3%) exact matches, in which:
21538 unique CDR3
13 unique J



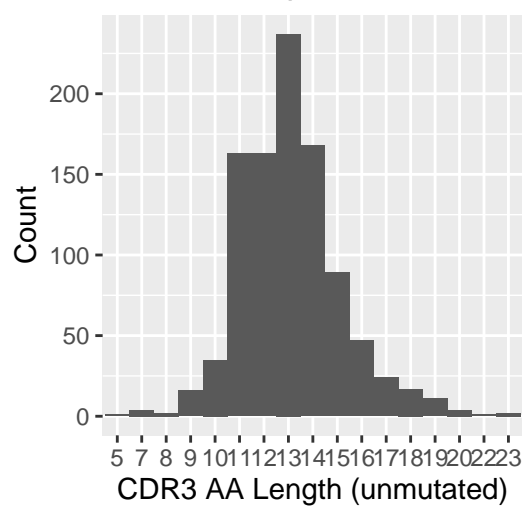
TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





[illegible]