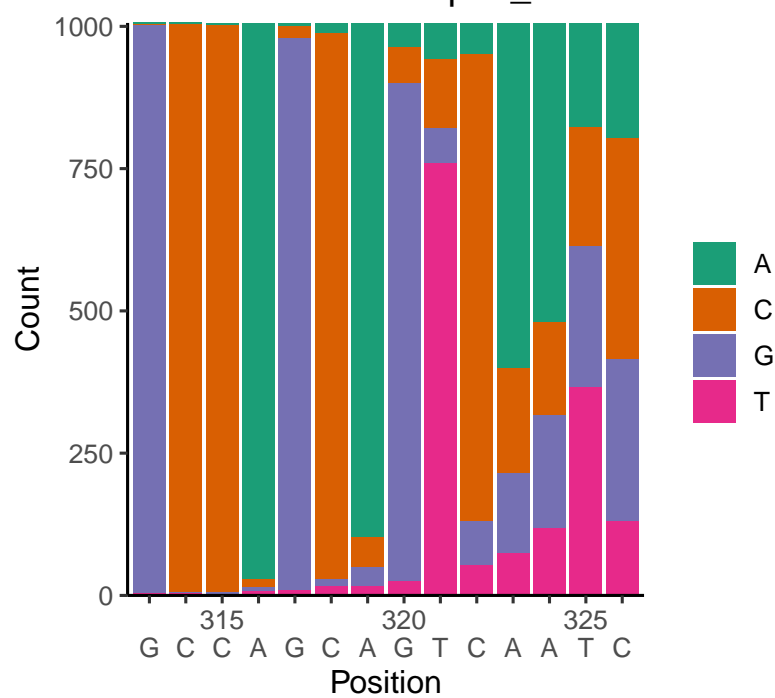
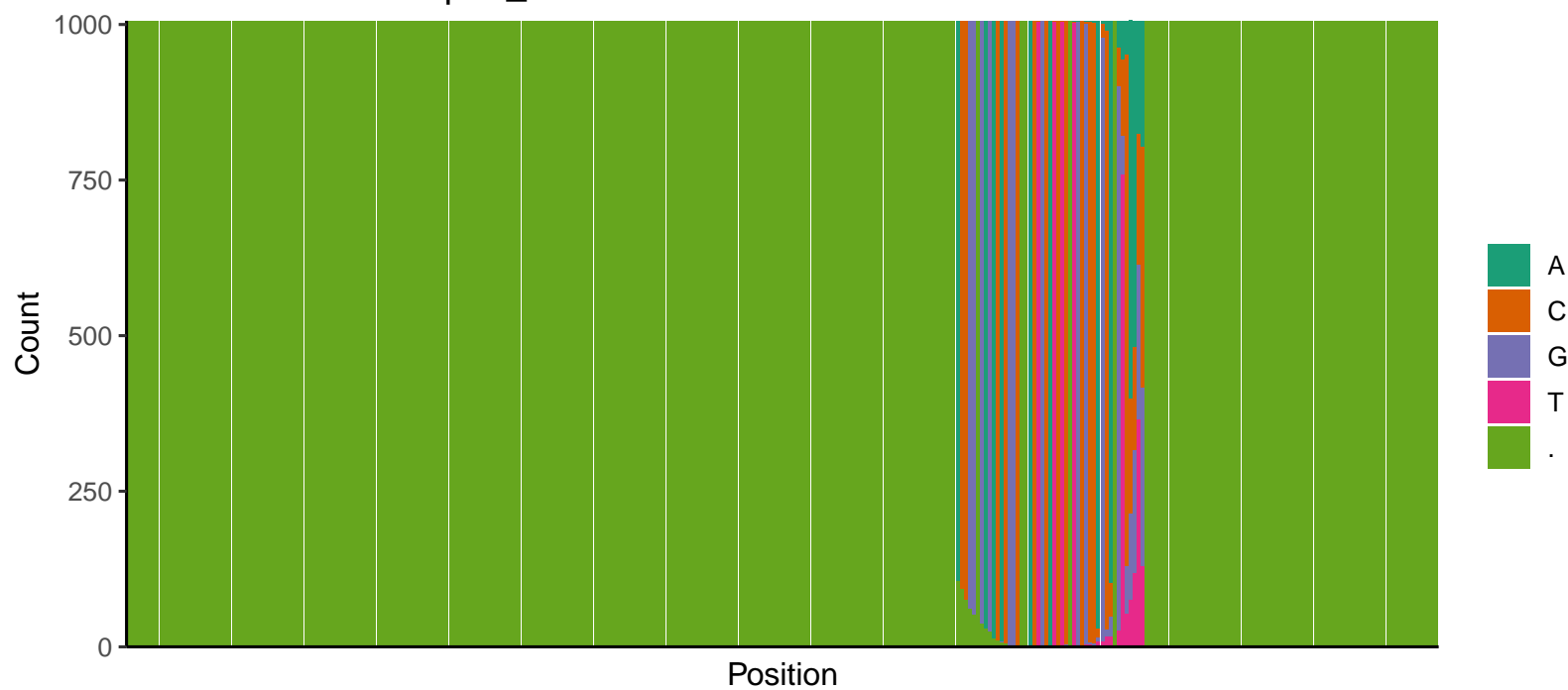


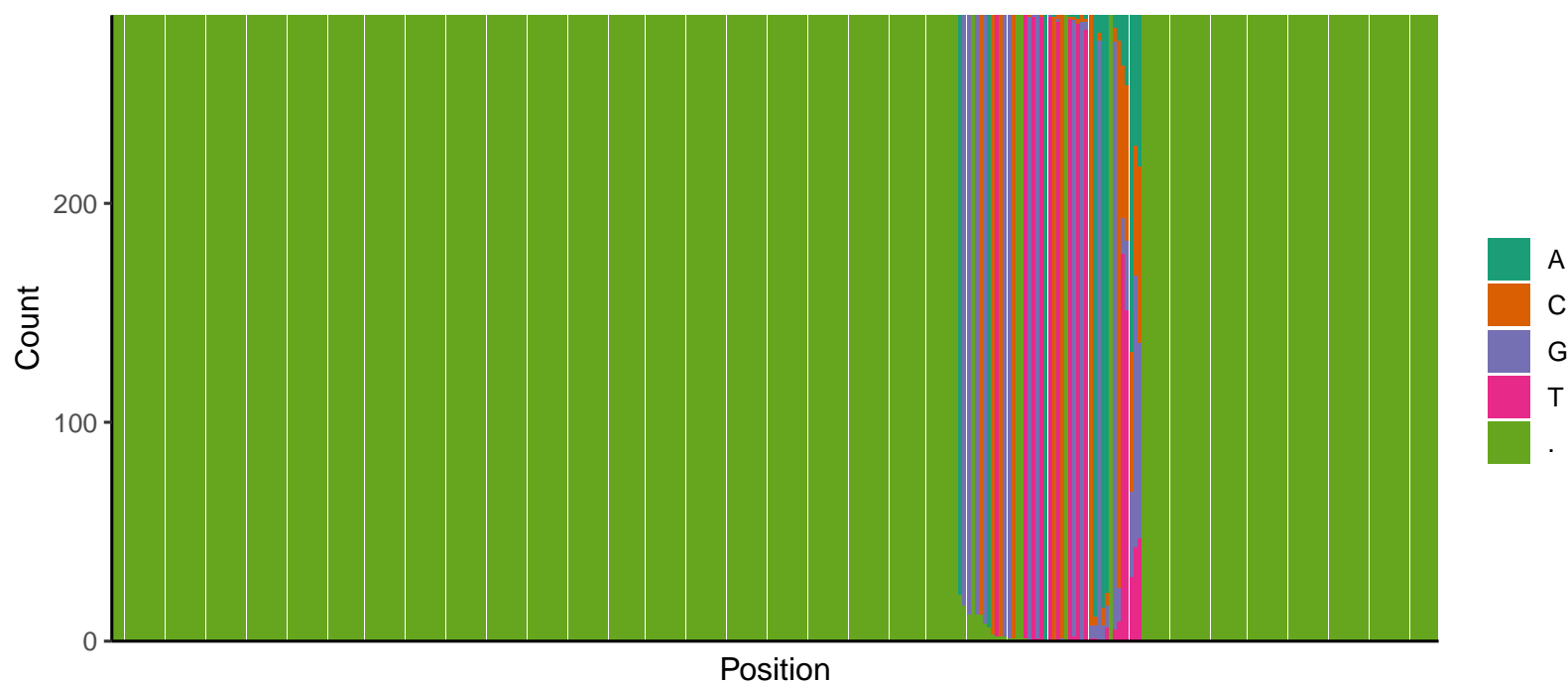
Gene TRBV23-1*ap01_T304C



Gene TRBV23-1*ap01_T304C



Gene TRBV7-1*ap01_T296C_C314T



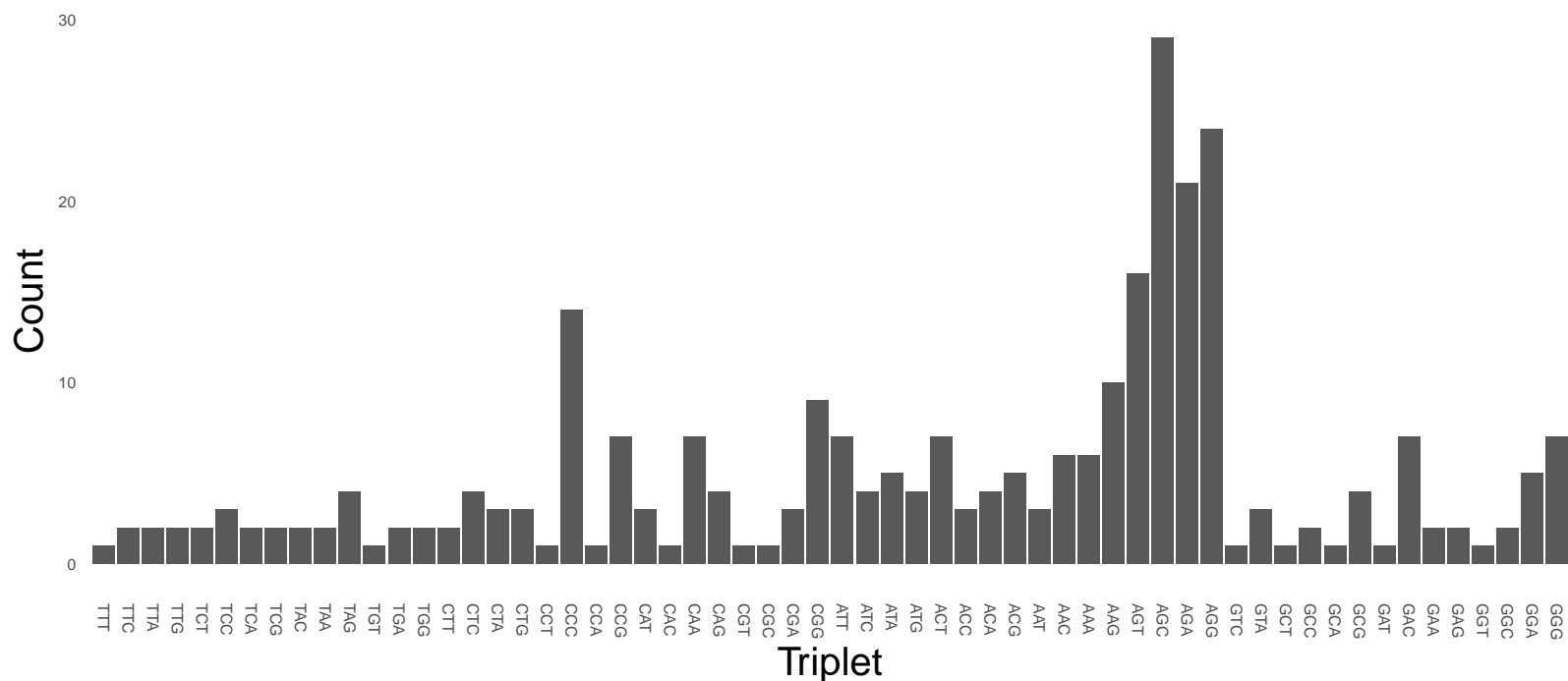
Gene TRBV7-7*ap01_C315T



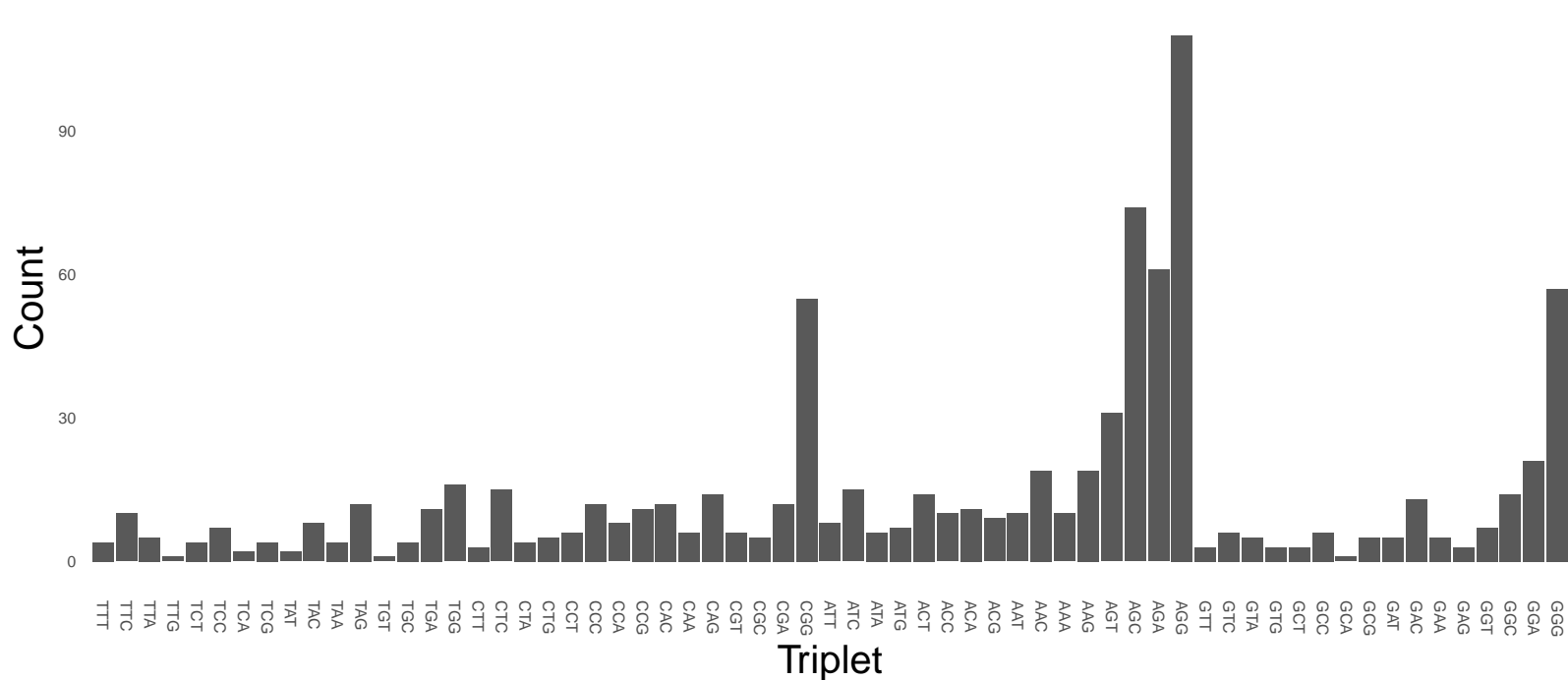
TRBV23–1*ap01_T304C– Final 3 nucleotides as a triplet



TRBV7–1*ap01_T296C_C314T– Final 3 nucleotides as a triplet

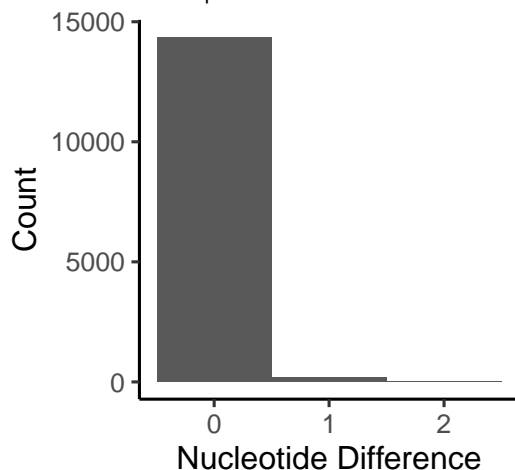


TRBV7–7*ap01_C315T– Final 3 nucleotides as a triplet



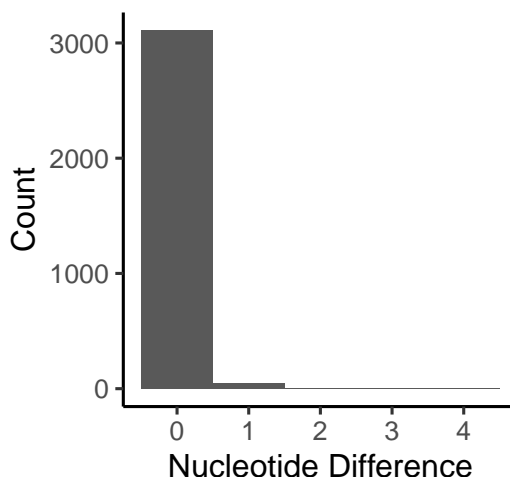
TRBV20-1*ap01

14564 sequences assigned
14358 (98.6%) exact matches, in which:
13992 unique CDR3
13 unique J



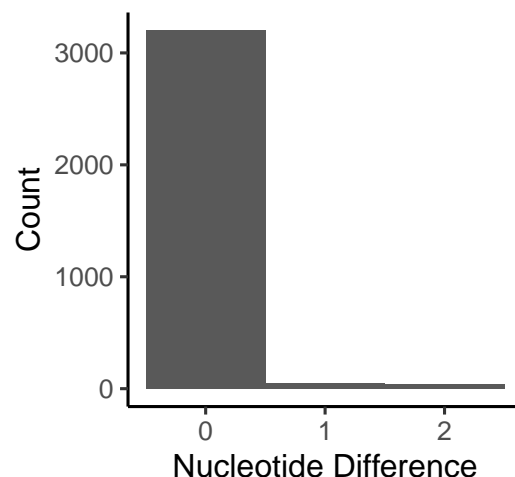
TRBV10-2*ap01

3157 sequences assigned
3109 (98.5%) exact matches, in which:
3037 unique CDR3
13 unique J



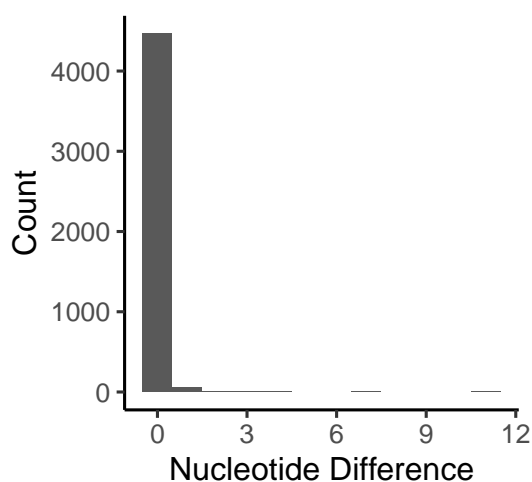
TRBV13*ap01

3288 sequences assigned
3201 (97.4%) exact matches, in which:
3065 unique CDR3
13 unique J



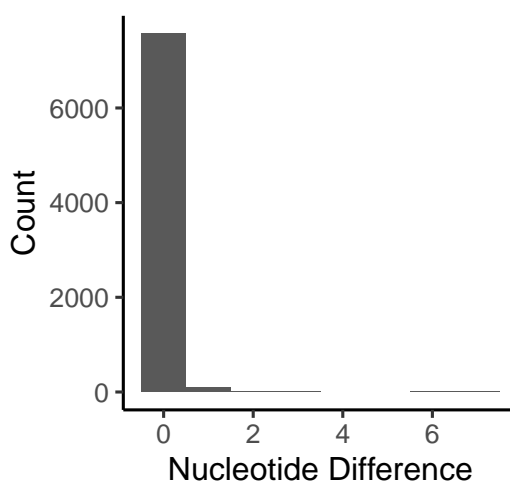
TRBV10-1*ap01

4532 sequences assigned
4465 (98.5%) exact matches, in which:
4311 unique CDR3
13 unique J



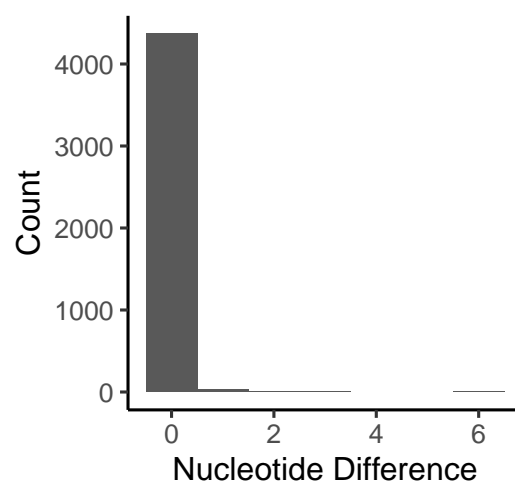
TRBV10-3*ap01

7678 sequences assigned
7568 (98.6%) exact matches, in which:
7344 unique CDR3
13 unique J



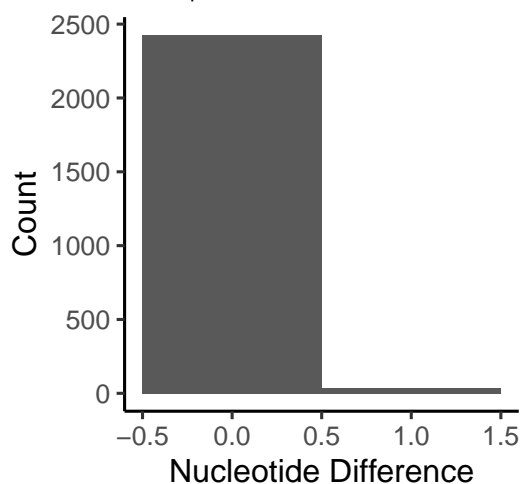
TRBV14*ap01

4407 sequences assigned
4369 (99.1%) exact matches, in which:
4270 unique CDR3
13 unique J



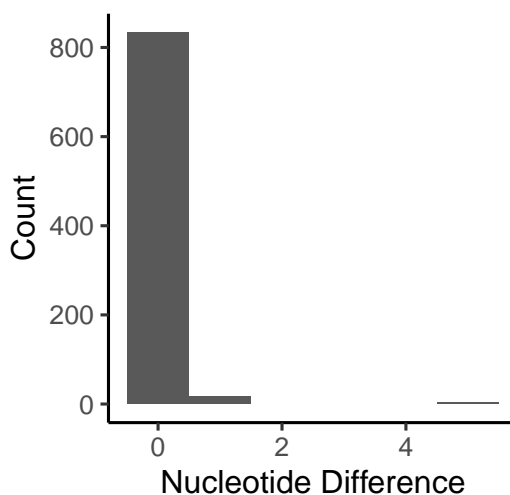
TRBV20-1*ap02

2462 sequences assigned
2426 (98.5%) exact matches, in which:
2375 unique CDR3
13 unique J



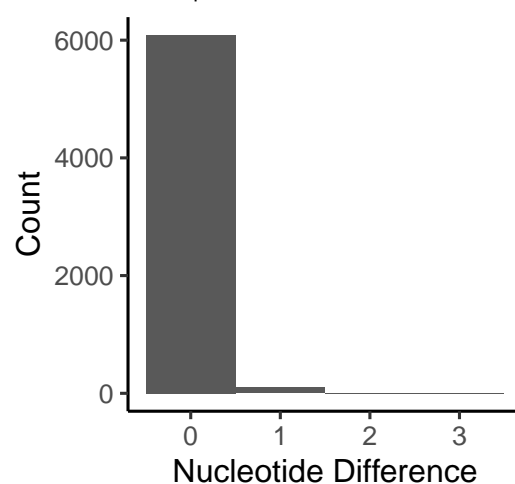
TRBV1*ap01

855 sequences assigned
834 (97.5%) exact matches, in which:
805 unique CDR3
13 unique J



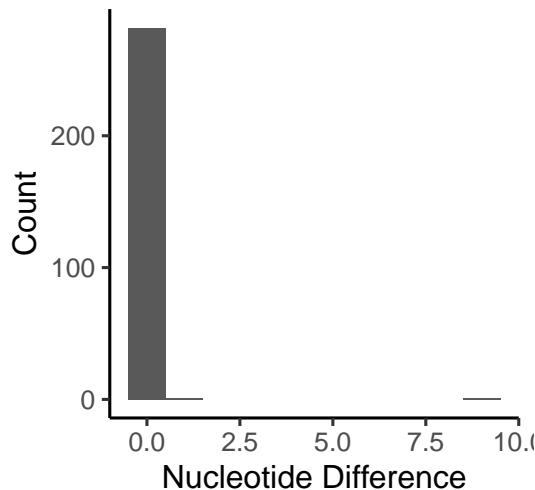
TRBV15*ap02

6187 sequences assigned
6087 (98.4%) exact matches, in which:
5877 unique CDR3
13 unique J



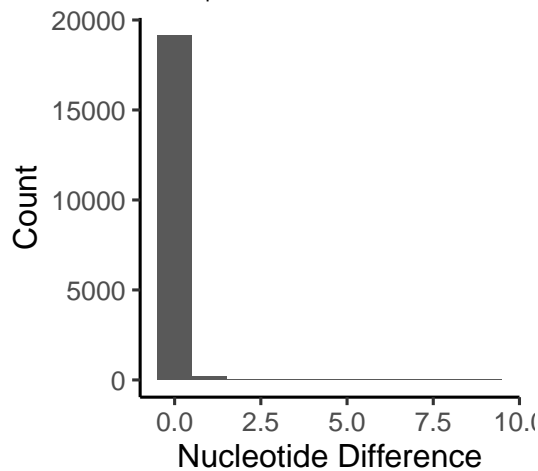
TRBV16*ap01

284 sequences assigned
282 (99.3%) exact matches, in which:
280 unique CDR3
13 unique J



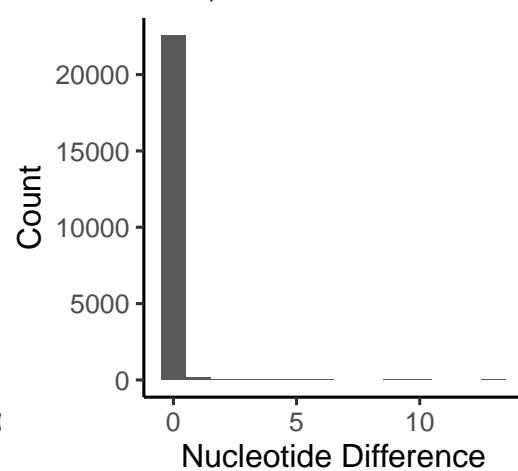
TRBV19*ap01

19384 sequences assigned
19157 (98.8%) exact matches, in which:
18868 unique CDR3
13 unique J



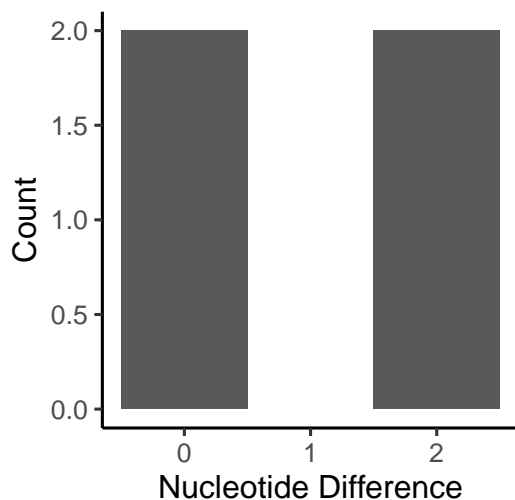
TRBV27*ap01

22800 sequences assigned
22584 (99.1%) exact matches, in which:
22189 unique CDR3
13 unique J



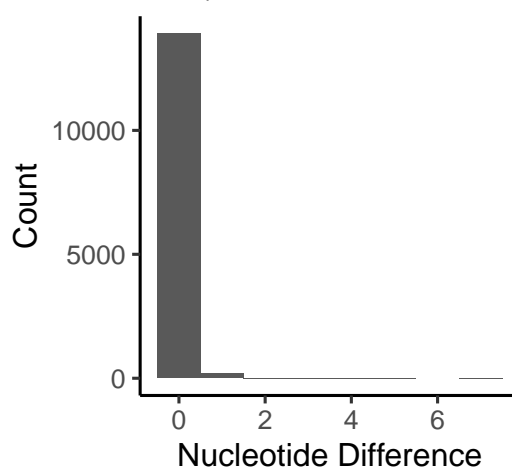
TRBV17*ap01

4 sequences assigned
2 (50%) exact matches, in which:
2 unique CDR3
1 unique J



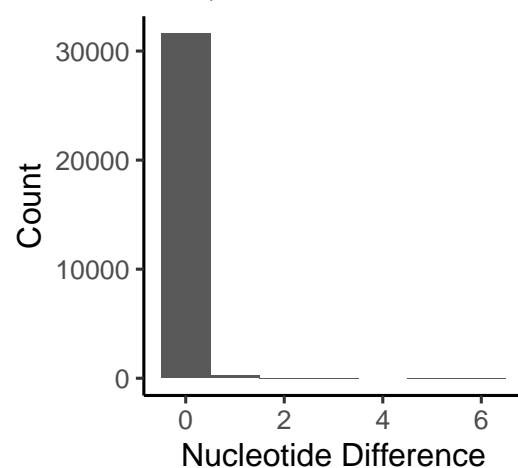
TRBV2*ap01

14120 sequences assigned
13910 (98.5%) exact matches, in which:
13520 unique CDR3
13 unique J



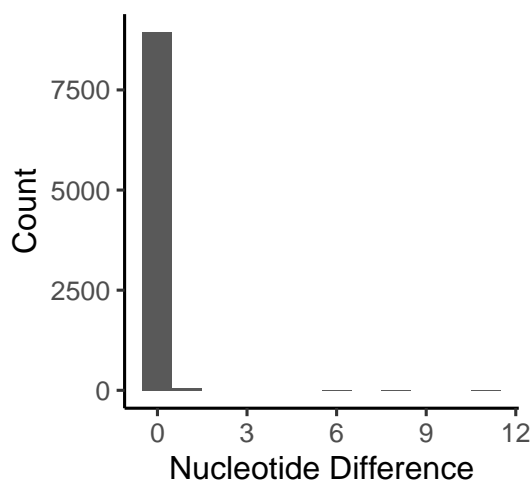
TRBV28*ap01

31876 sequences assigned
31611 (99.2%) exact matches, in which:
31181 unique CDR3
13 unique J



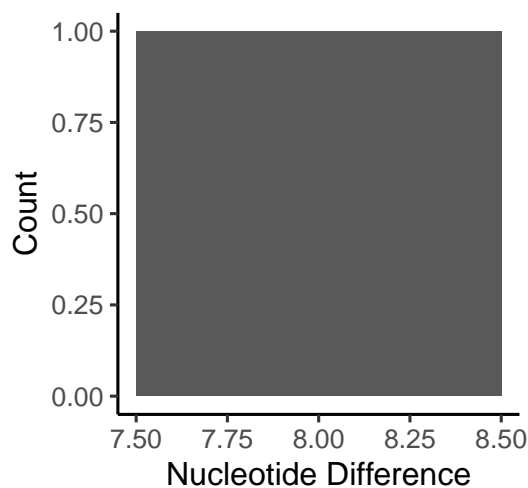
TRBV18*ap01

9012 sequences assigned
8945 (99.3%) exact matches, in which:
8837 unique CDR3
13 unique J



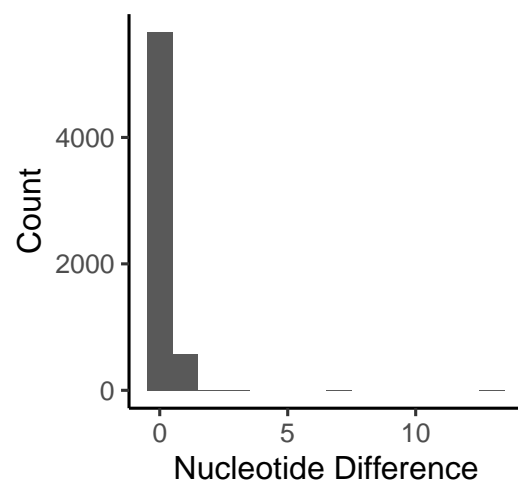
TRBV26*ap01

1 sequences assigned
No exact matches.



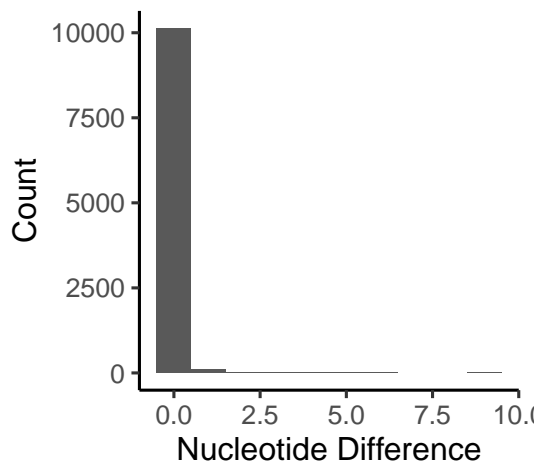
TRBV30*ap01

6258 sequences assigned
5667 (90.6%) exact matches, in which:
5454 unique CDR3
13 unique J



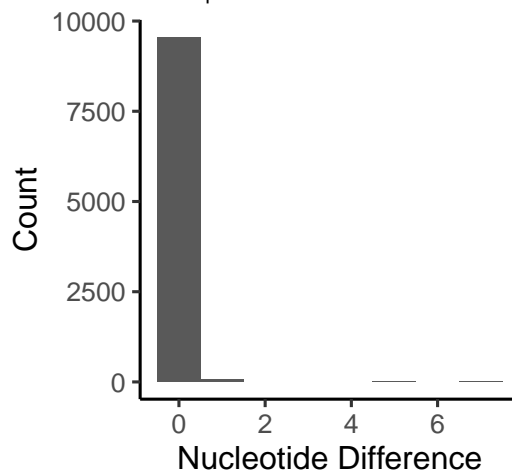
TRBV9*ap01

10247 sequences assigned
10135 (98.9%) exact matches, in which:
9953 unique CDR3
13 unique J



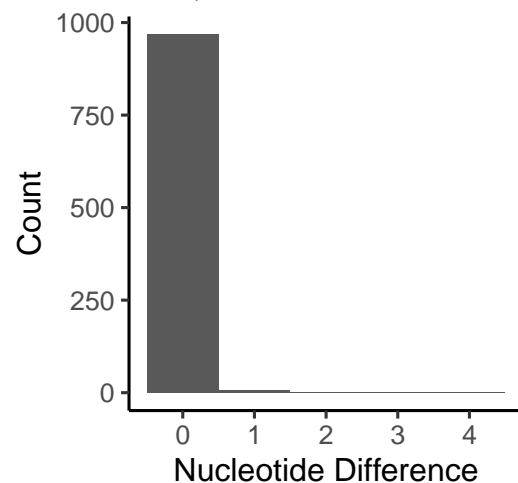
TRBV11-2*ap01

9625 sequences assigned
9554 (99.3%) exact matches, in which:
9353 unique CDR3
13 unique J



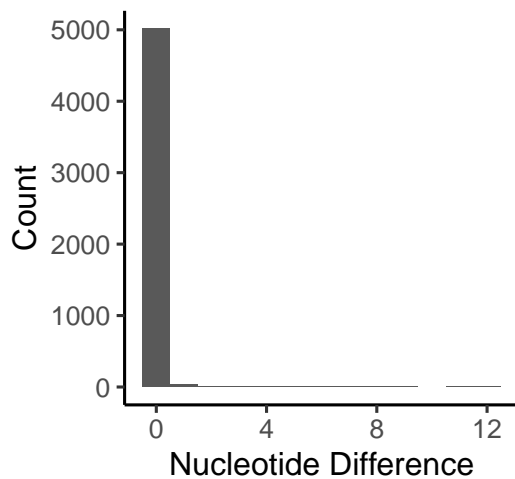
TRBV12-2*ap01

980 sequences assigned
968 (98.8%) exact matches, in which:
949 unique CDR3
13 unique J



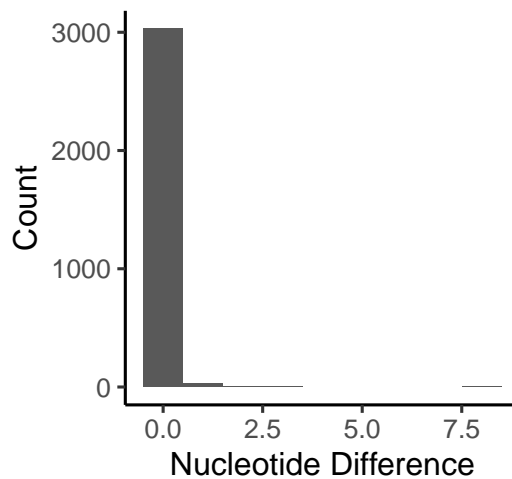
TRBV21-1*ap01

5085 sequences assigned
5015 (98.6%) exact matches, in which:
4977 unique CDR3
13 unique J



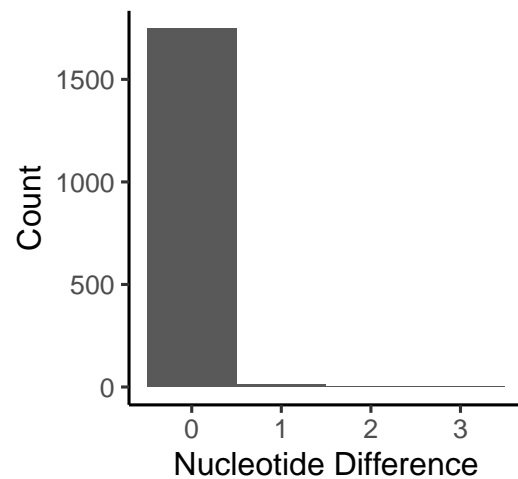
TRBV11-3*ap01

3061 sequences assigned
3030 (99%) exact matches, in which:
2973 unique CDR3
13 unique J



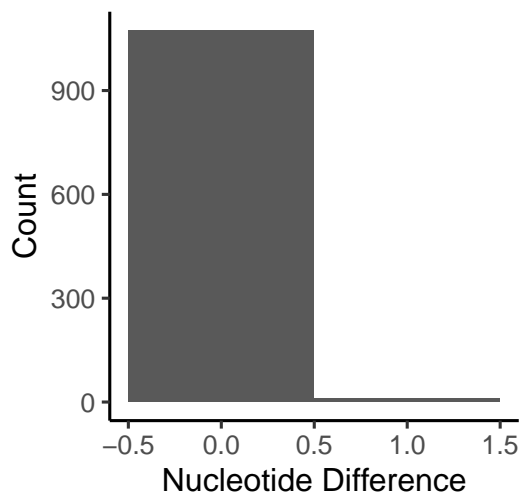
TRBV12-5*ap01

1767 sequences assigned
1747 (98.9%) exact matches, in which:
1716 unique CDR3
14 unique J



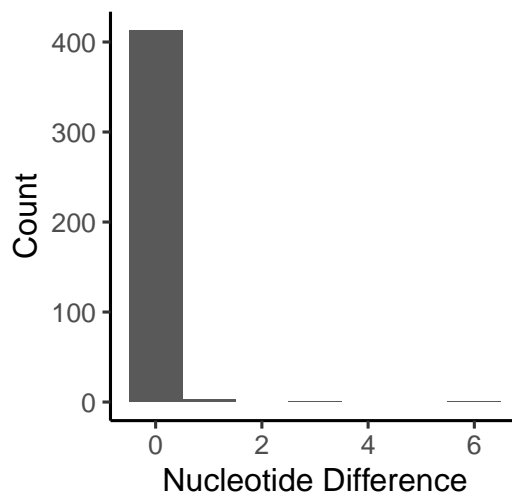
TRBV11-1*ap01

1085 sequences assigned
1074 (99%) exact matches, in which:
1053 unique CDR3
13 unique J



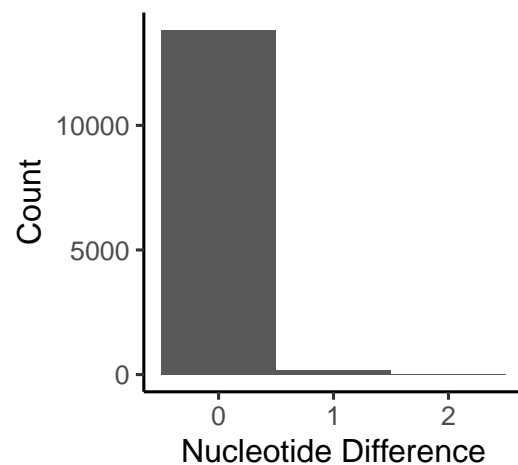
TRBV12-1*ap01

418 sequences assigned
413 (98.8%) exact matches, in which:
403 unique CDR3
13 unique J



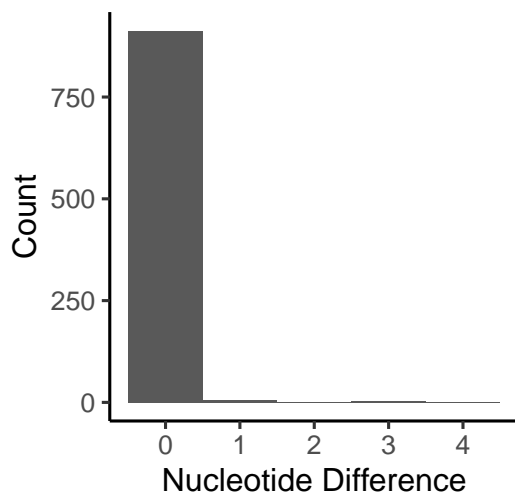
TRBV12-34*ap01

14005 sequences assigned
13835 (98.8%) exact matches, in which:
13496 unique CDR3
13 unique J



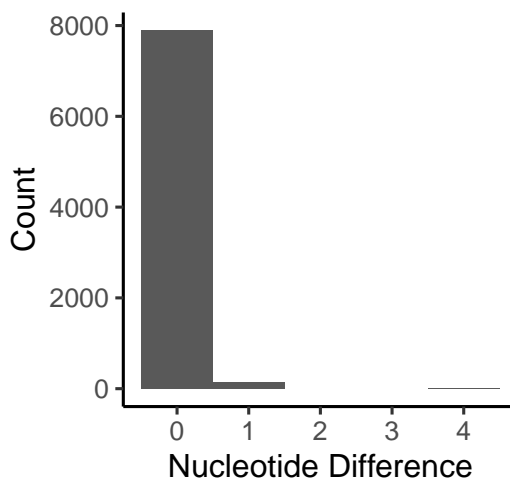
TRBV23-1*ap01

924 sequences assigned
913 (98.8%) exact matches, in which:
910 unique CDR3
13 unique J



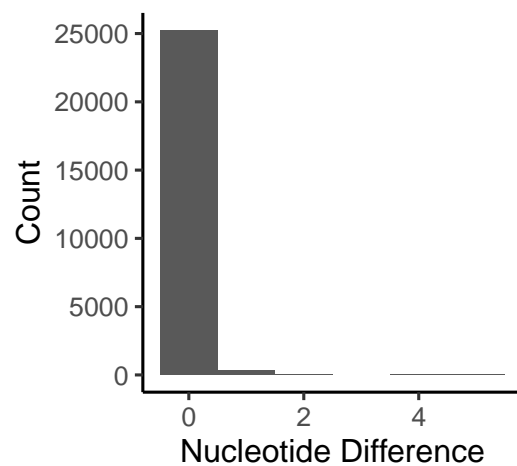
TRBV4-1*ap01

8027 sequences assigned
7893 (98.3%) exact matches, in which:
7606 unique CDR3
13 unique J



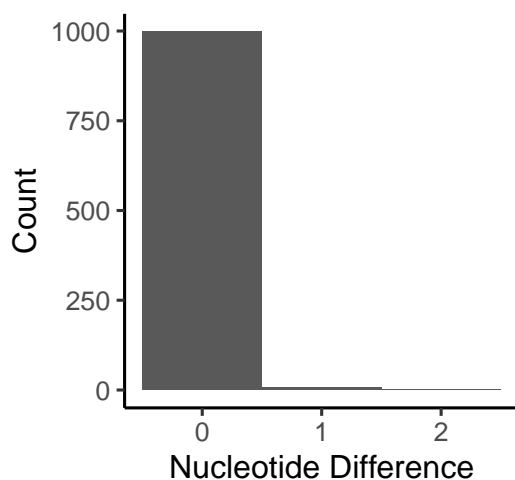
TRBV5-1*ap01

25586 sequences assigned
25249 (98.7%) exact matches, in which:
24397 unique CDR3
13 unique J



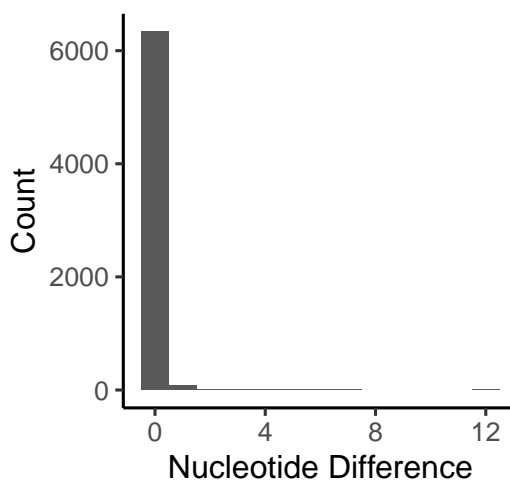
TRBV23-1*ap01_T304C

1006 sequences assigned
998 (99.2%) exact matches, in which:
990 unique CDR3
13 unique J



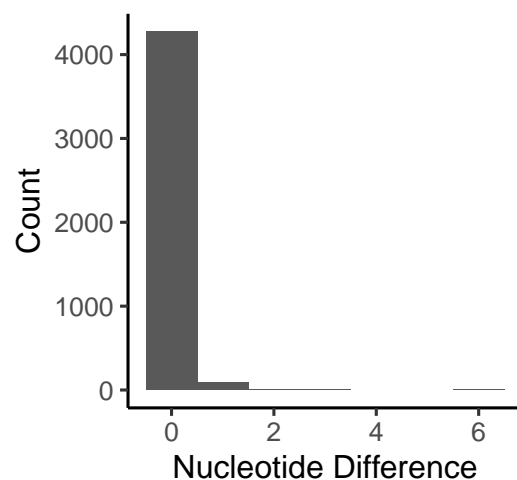
TRBV24-1*ap01

6438 sequences assigned
6335 (98.4%) exact matches, in which:
6209 unique CDR3
13 unique J



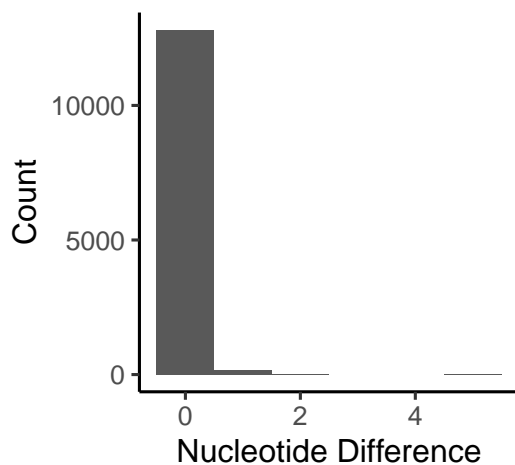
TRBV25-1*ap01

4375 sequences assigned
4273 (97.7%) exact matches, in which:
4141 unique CDR3
13 unique J



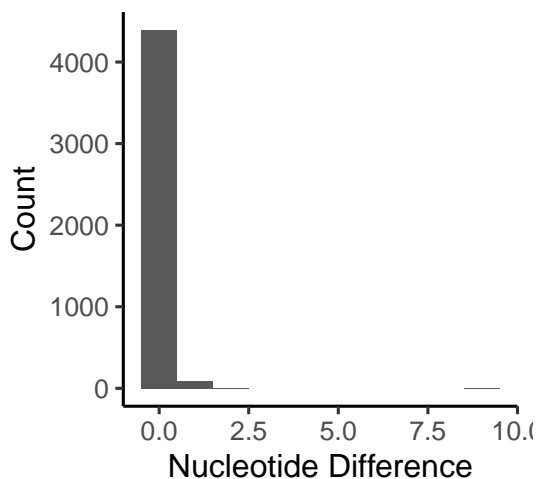
TRBV3-12*ap01

12984 sequences assigned
12810 (98.7%) exact matches, in which:
12491 unique CDR3
13 unique J



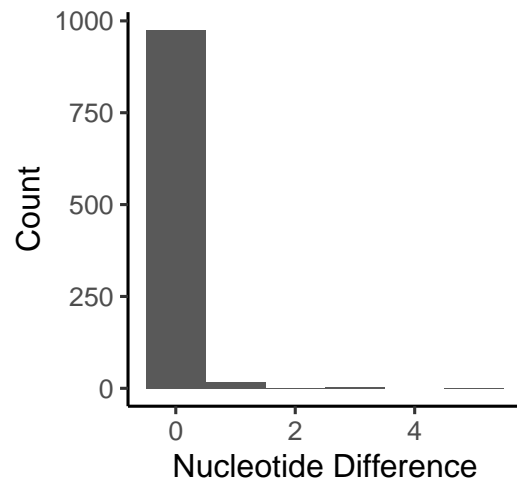
TRBV4-2*ap01

4483 sequences assigned
4392 (98%) exact matches, in which:
4234 unique CDR3
13 unique J



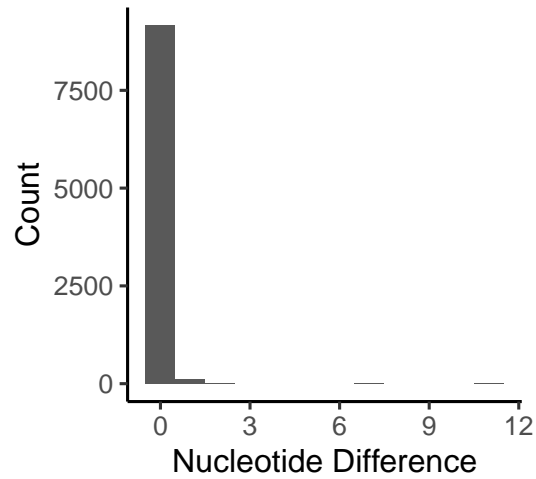
TRBV5-3*ap01

998 sequences assigned
975 (97.7%) exact matches, in which:
949 unique CDR3
13 unique J



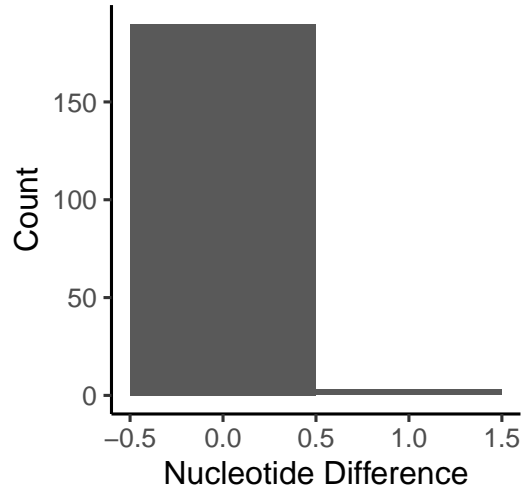
TRBV5-4*ap01

9273 sequences assigned
9160 (98.8%) exact matches, in which:
8904 unique CDR3
13 unique J



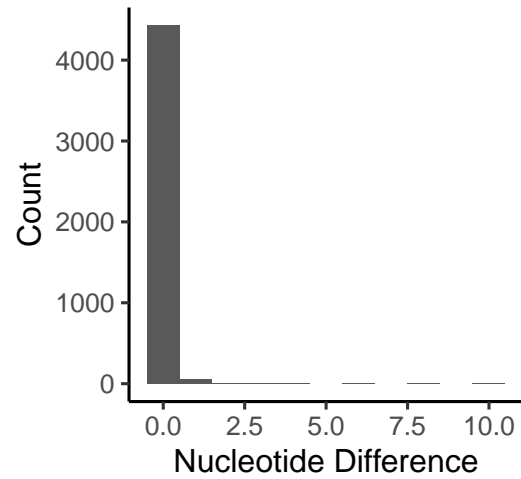
TRBV5-7*ap01

193 sequences assigned
190 (98.4%) exact matches, in which:
179 unique CDR3
13 unique J



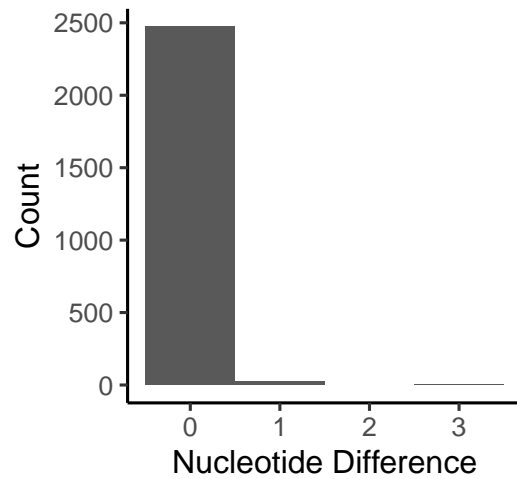
TRBV6-4*ap01

4501 sequences assigned
4429 (98.4%) exact matches, in which:
4341 unique CDR3
13 unique J



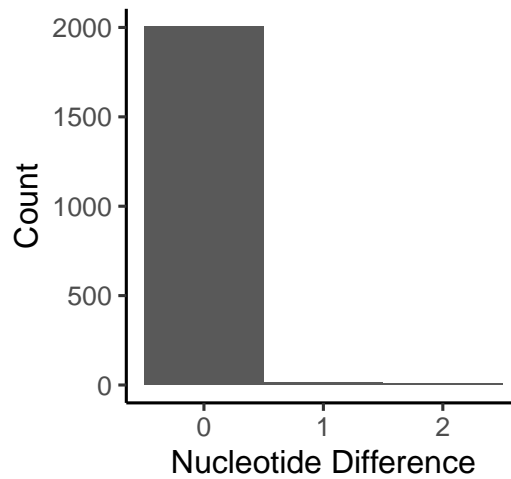
TRBV5-5*ap01

2496 sequences assigned
2473 (99.1%) exact matches, in which:
2448 unique CDR3
13 unique J



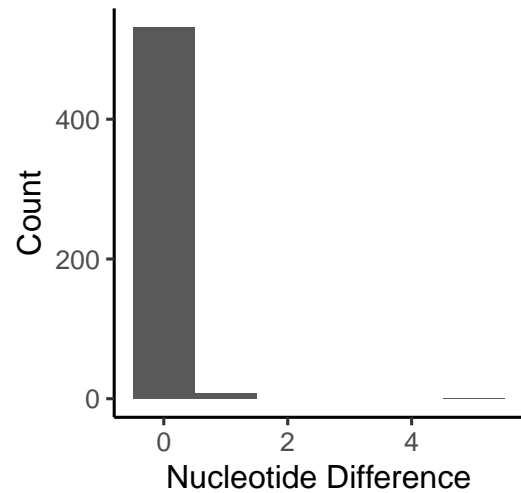
TRBV5-8*ap01

2022 sequences assigned
2004 (99.1%) exact matches, in which:
1980 unique CDR3
13 unique J



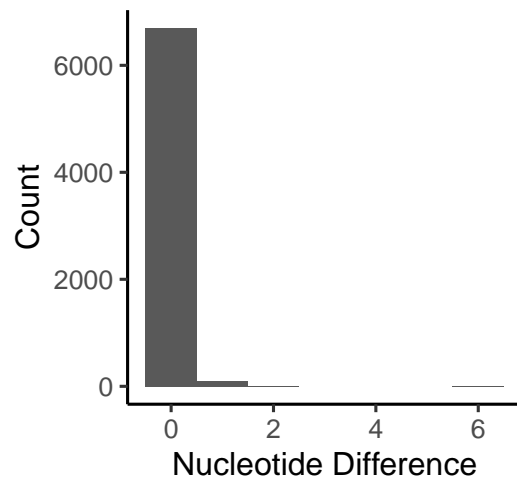
TRBV6-7*ap01

541 sequences assigned
532 (98.3%) exact matches, in which:
519 unique CDR3
13 unique J



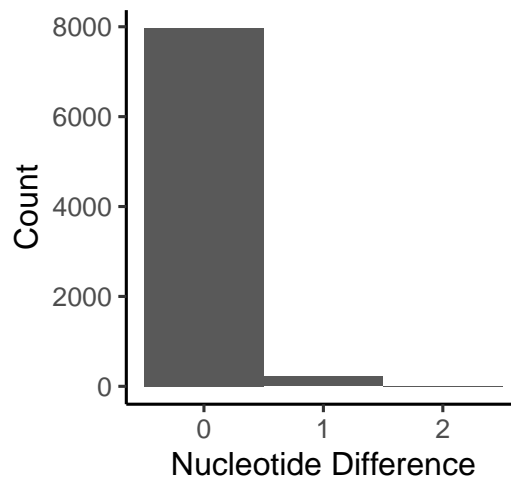
TRBV5-6*ap01

6795 sequences assigned
6697 (98.6%) exact matches, in which:
6406 unique CDR3
13 unique J



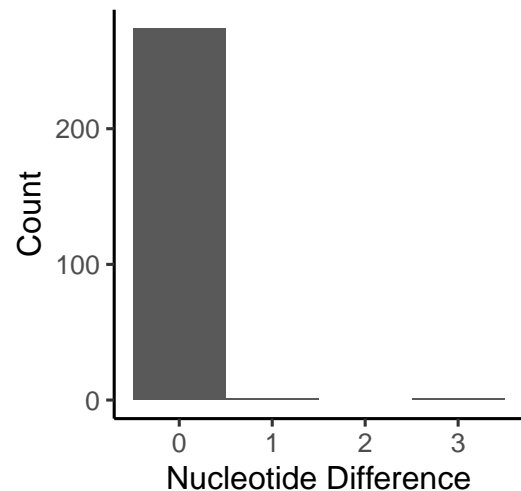
TRBV6-1*ap01

8191 sequences assigned
7971 (97.3%) exact matches, in which:
7679 unique CDR3
13 unique J



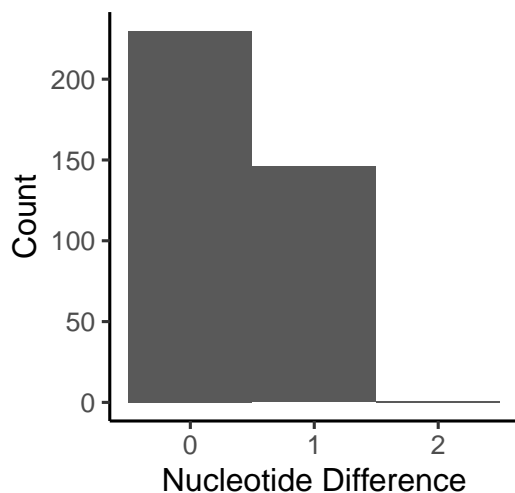
TRBV6-8*ap01

276 sequences assigned
274 (99.3%) exact matches, in which:
264 unique CDR3
13 unique J



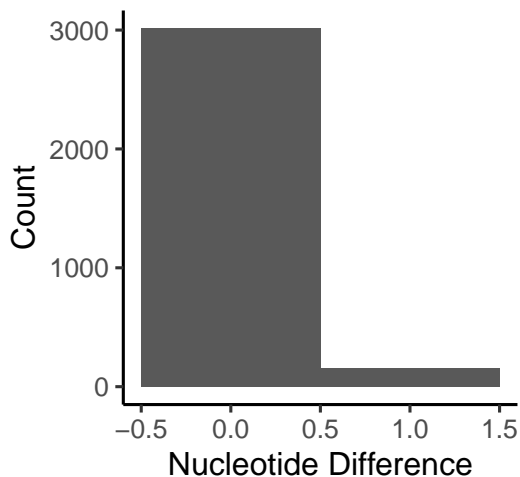
TRBV6-9*ap01

377 sequences assigned
230 (61%) exact matches, in which:
219 unique CDR3
13 unique J



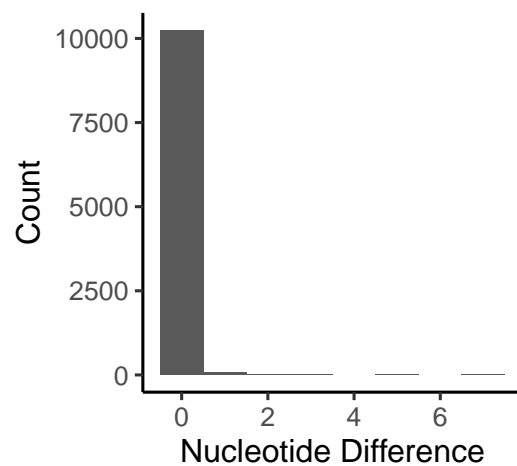
TRBV6-56*ap02

3169 sequences assigned
3014 (95.1%) exact matches, in which:
2917 unique CDR3
13 unique J



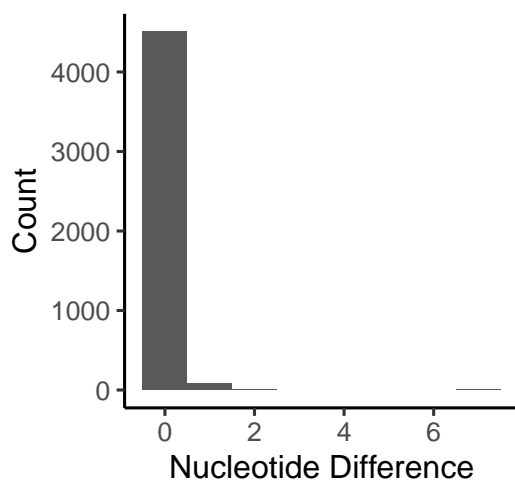
TRBV7-2*ap01

10316 sequences assigned
10246 (99.3%) exact matches, in which:
10034 unique CDR3
13 unique J



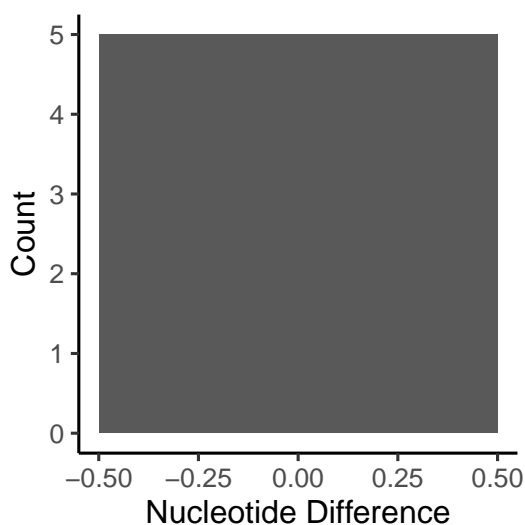
TRBV6-23*ap01

4585 sequences assigned
4506 (98.3%) exact matches, in which:
4283 unique CDR3
13 unique J



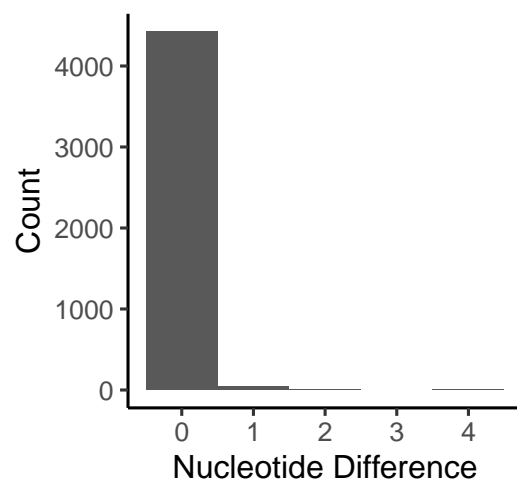
TRBV7-1*ap01

5 sequences assigned
5 (100%) exact matches, in which:
5 unique CDR3
3 unique J



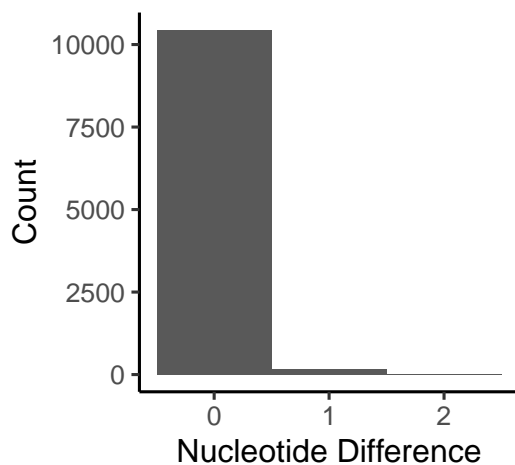
TRBV7-3*ap01

4473 sequences assigned
4423 (98.9%) exact matches, in which:
4338 unique CDR3
13 unique J



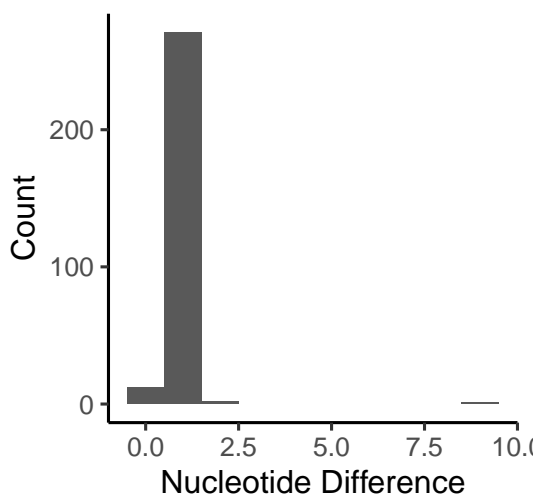
TRBV6-56*ap01

10629 sequences assigned
10447 (98.3%) exact matches, in which:
10030 unique CDR3
13 unique J



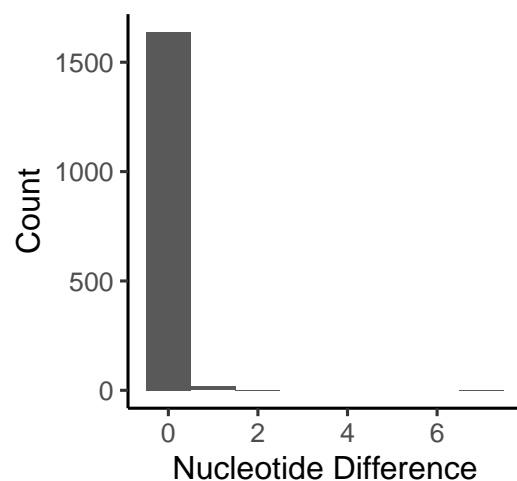
TRBV7-1*ap01_T296C_()

286 sequences assigned
12 (4.2%) exact matches, in which:
12 unique CDR3
7 unique J



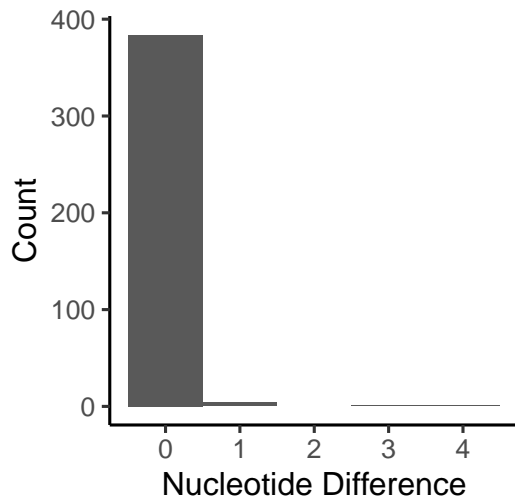
TRBV7-3*ap03

1658 sequences assigned
1638 (98.8%) exact matches, in which:
1596 unique CDR3
13 unique J



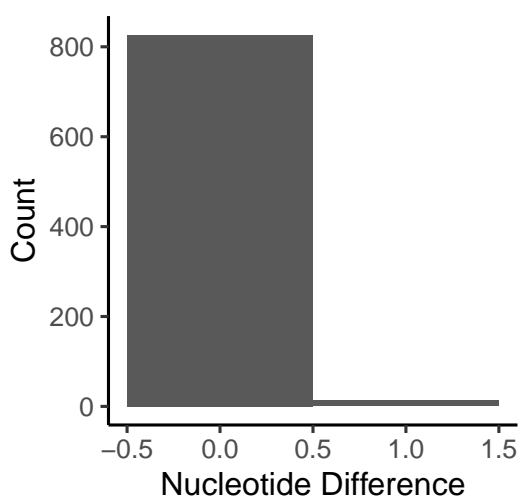
TRBV7-4*ap01

390 sequences assigned
384 (98.5%) exact matches, in which:
371 unique CDR3
13 unique J



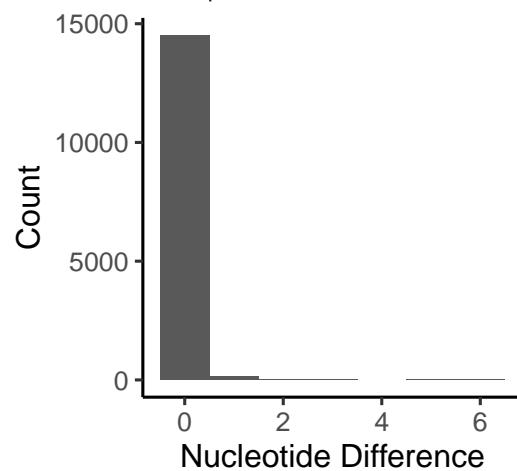
TRBV7-7*ap01_C315T

840 sequences assigned
827 (98.5%) exact matches, in which:
804 unique CDR3
13 unique J



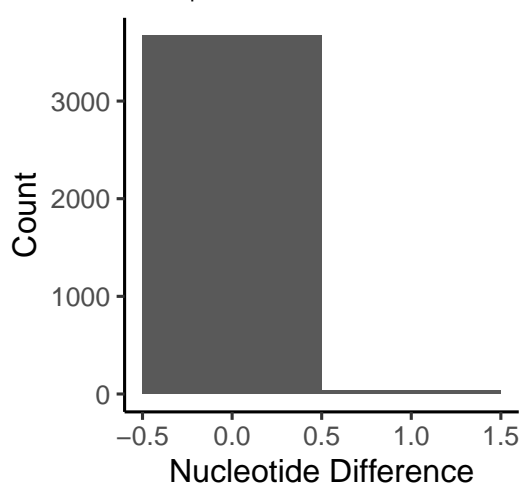
TRBV7-9*ap01

14692 sequences assigned
14519 (98.8%) exact matches, in which:
14102 unique CDR3
13 unique J



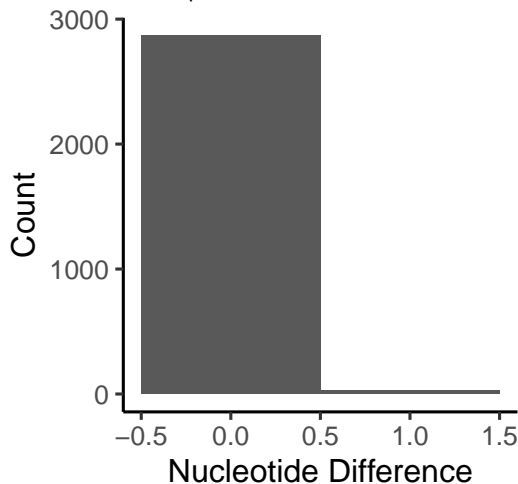
TRBV7-6*ap01

3708 sequences assigned
3669 (98.9%) exact matches, in which:
3574 unique CDR3
13 unique J



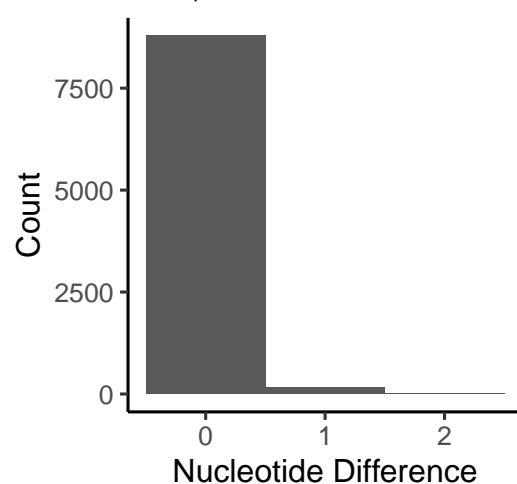
TRBV7-8*ap01

2893 sequences assigned
2867 (99.1%) exact matches, in which:
2787 unique CDR3
13 unique J



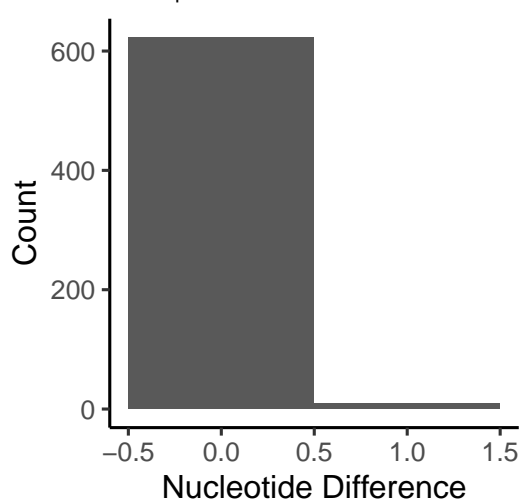
TRBV29-1*ap01

8940 sequences assigned
8786 (98.3%) exact matches, in which:
8446 unique CDR3
13 unique J



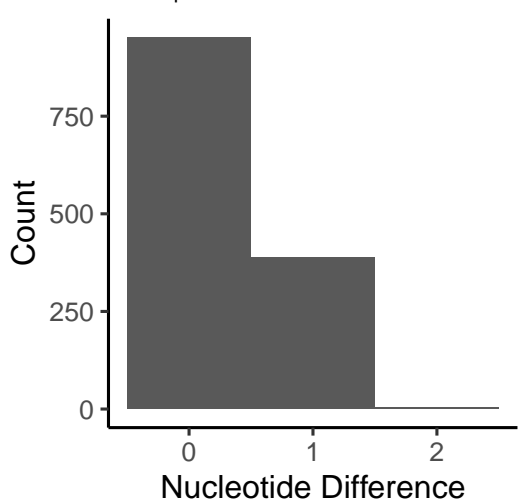
TRBV7-7*ap01

633 sequences assigned
623 (98.4%) exact matches, in which:
614 unique CDR3
13 unique J



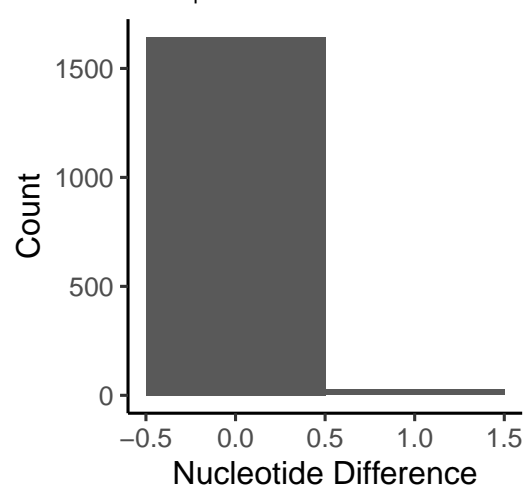
TRBV7-8*ap03

1346 sequences assigned
952 (70.7%) exact matches, in which:
922 unique CDR3
13 unique J

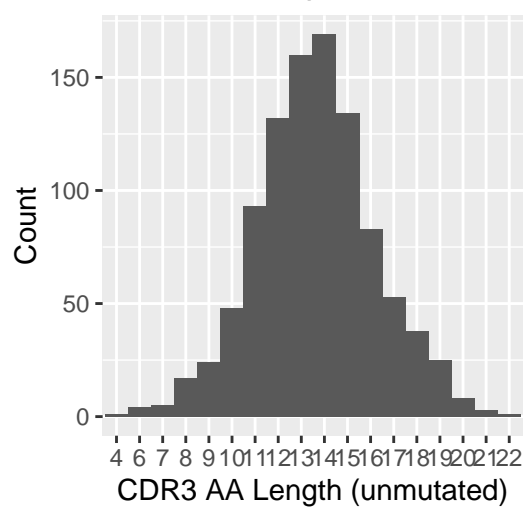


TRBV29-1*ap02

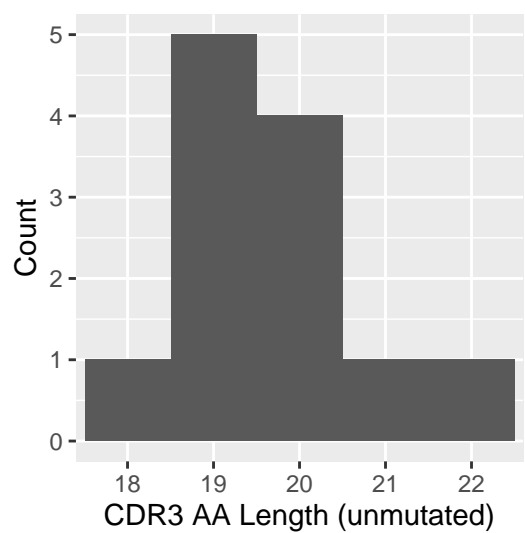
1670 sequences assigned
1644 (98.4%) exact matches, in which:
1591 unique CDR3
13 unique J



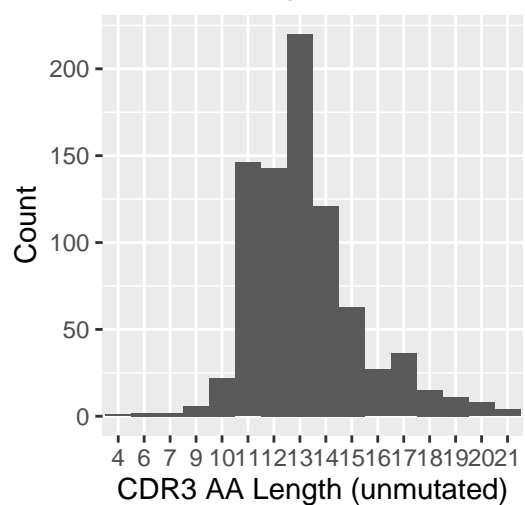
TRBV23-1*ap01_T304C



TRBV7-1*ap01_T296C_C314T



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.