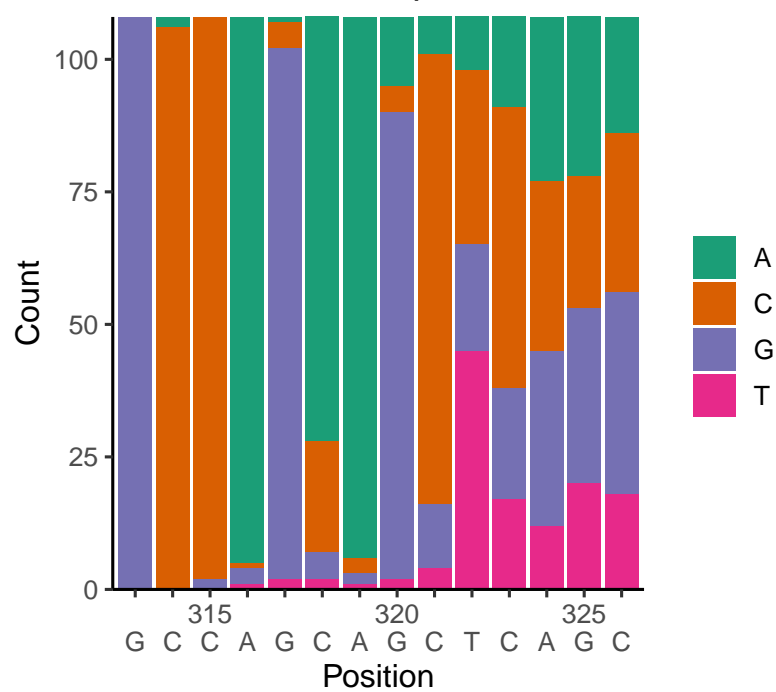
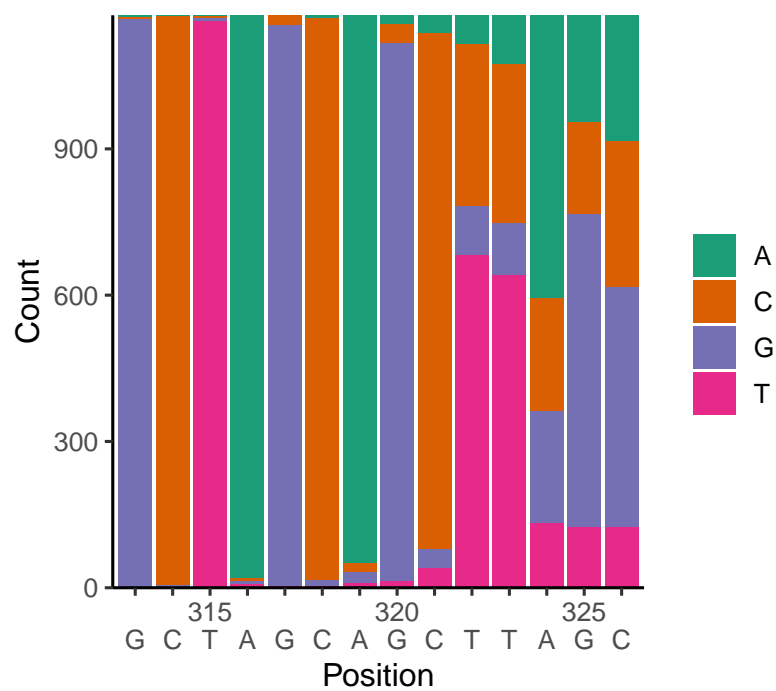


Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



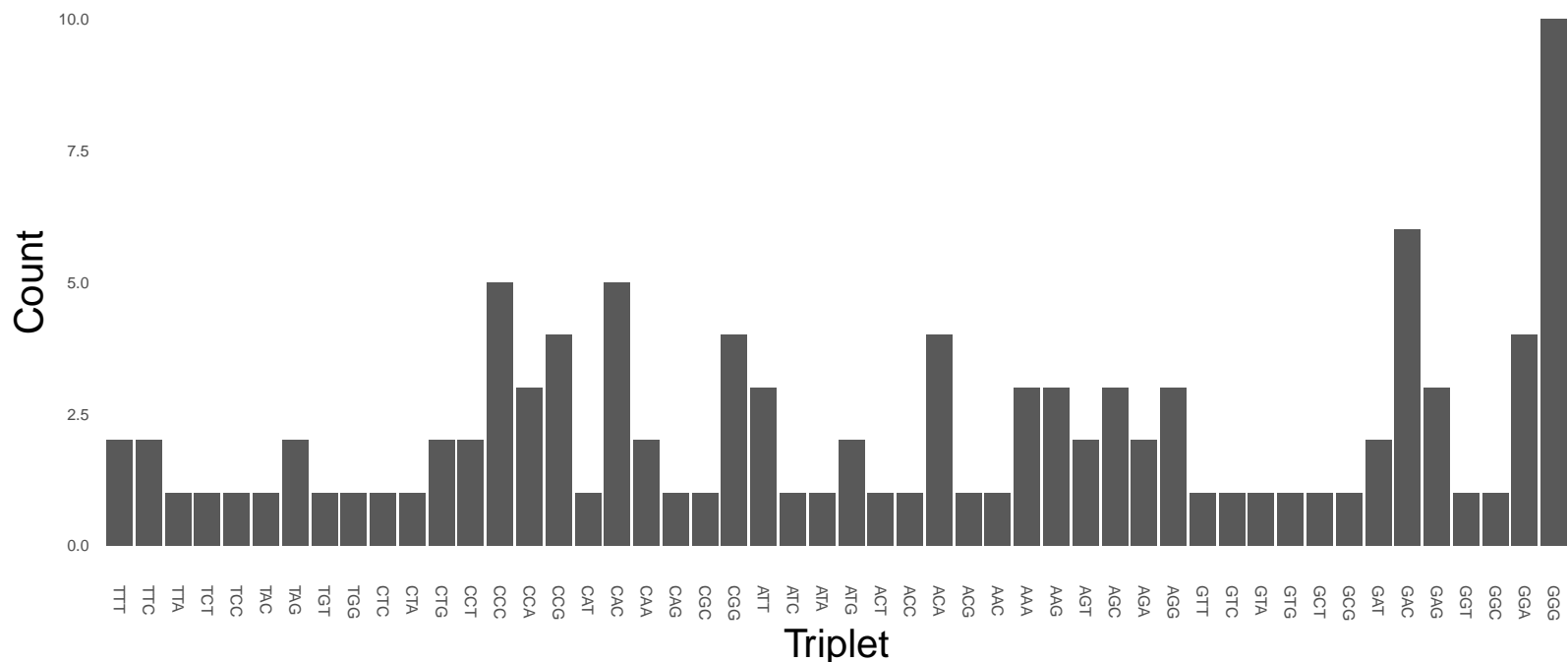
Gene TRBV7-1*ap01_T296C



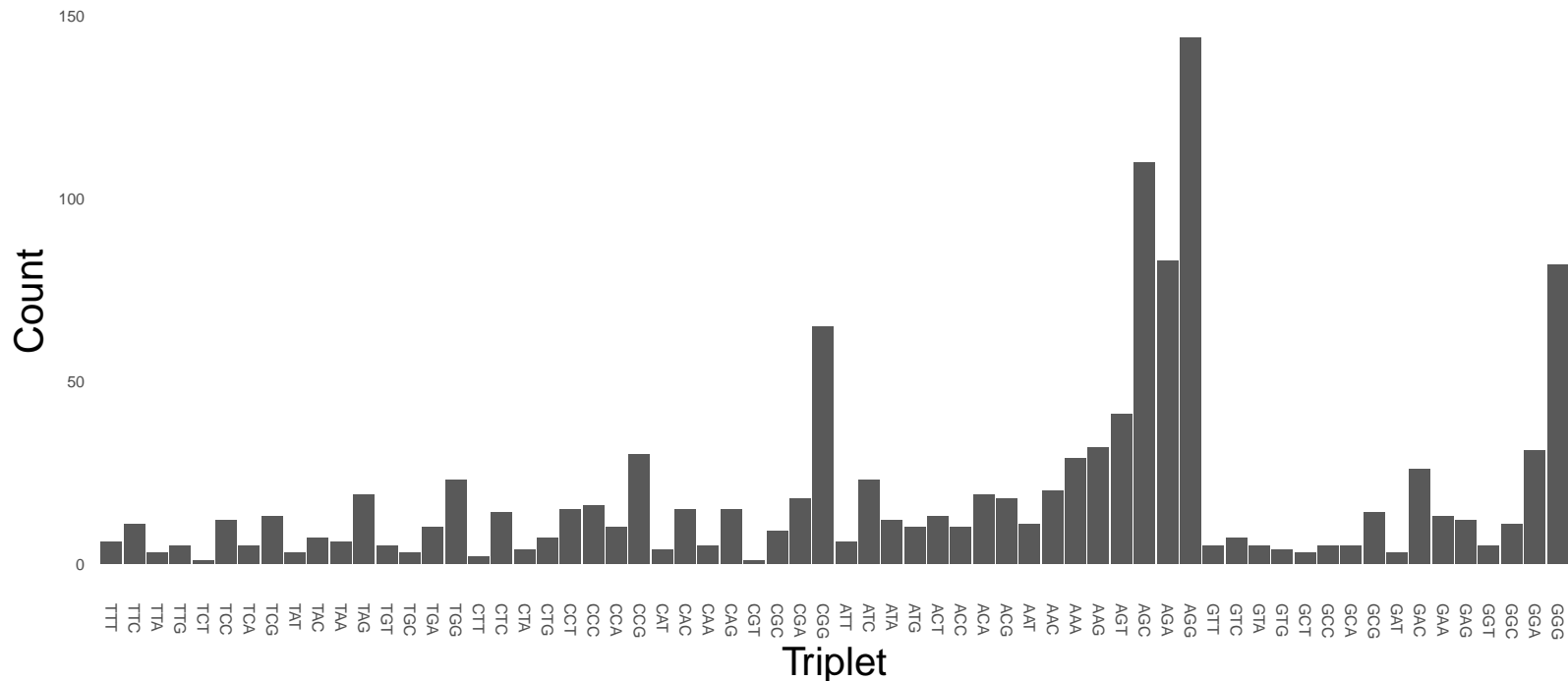
Gene TRBV7-7*ap01_C315T



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

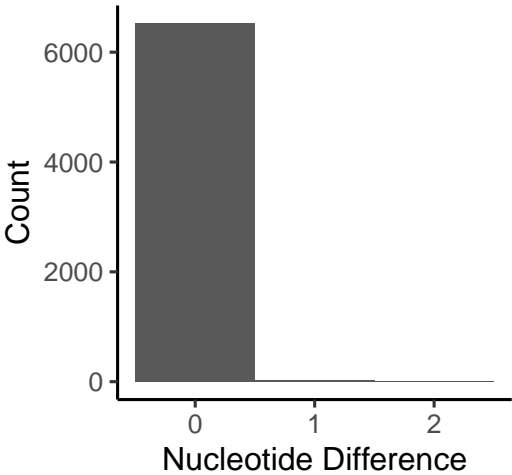


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



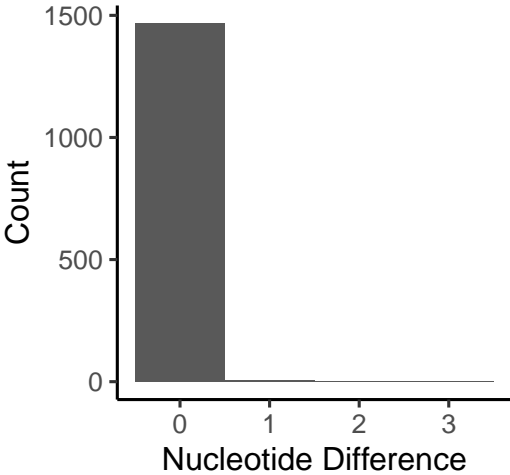
TRBV20-1*ap01

6552 sequences assigned
6524 (99.6%) exact matches, in which:
6472 unique CDR3
13 unique J



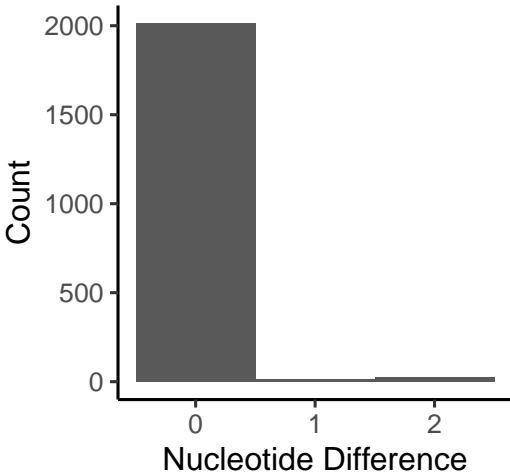
TRBV10-2*ap01

1475 sequences assigned
1467 (99.5%) exact matches, in which:
1445 unique CDR3
13 unique J



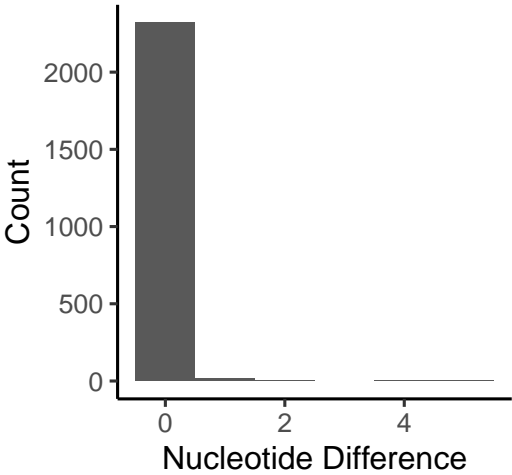
TRBV13*ap01

2056 sequences assigned
2013 (97.9%) exact matches, in which:
1962 unique CDR3
13 unique J



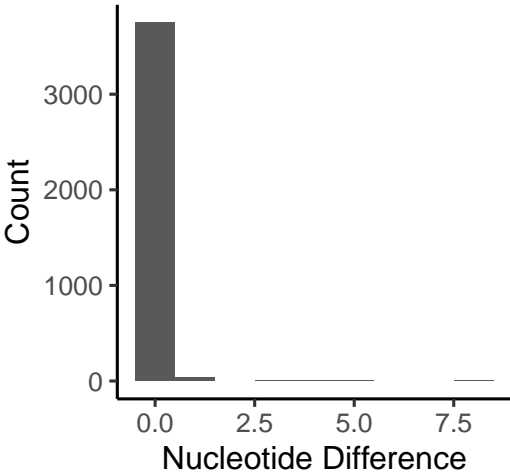
TRBV10-1*ap01

2338 sequences assigned
2320 (99.2%) exact matches, in which:
2285 unique CDR3
13 unique J



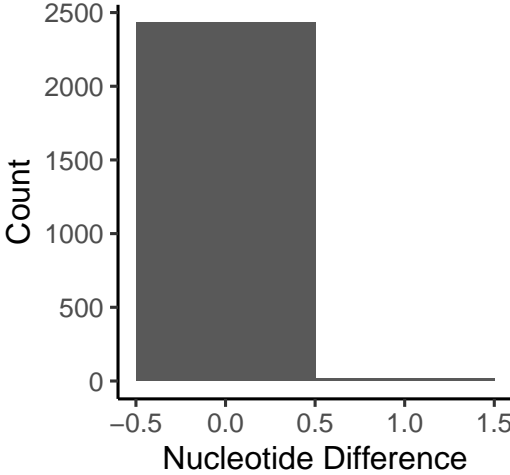
TRBV10-3*ap01

3791 sequences assigned
3748 (98.9%) exact matches, in which:
3696 unique CDR3
13 unique J



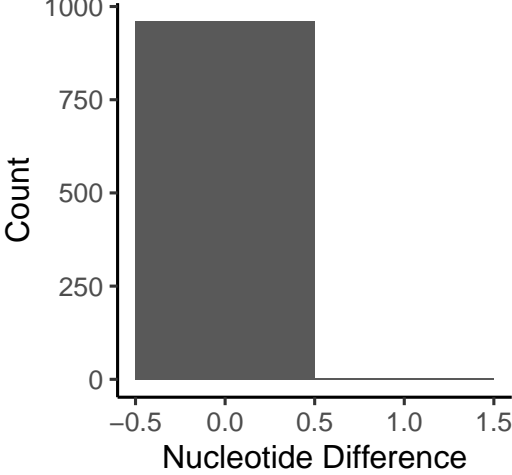
TRBV14*ap01

2446 sequences assigned
2431 (99.4%) exact matches, in which:
2407 unique CDR3
13 unique J



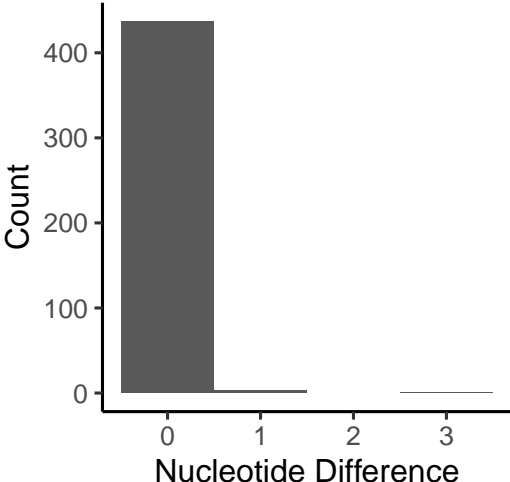
TRBV20-1*ap02

965 sequences assigned
961 (99.6%) exact matches, in which:
958 unique CDR3
13 unique J



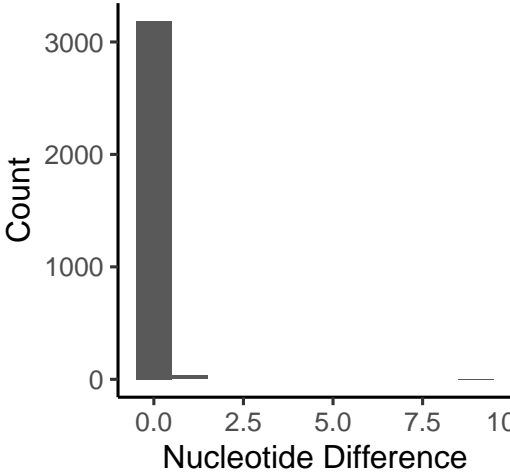
TRBV1*ap01

441 sequences assigned
437 (99.1%) exact matches, in which:
430 unique CDR3
13 unique J



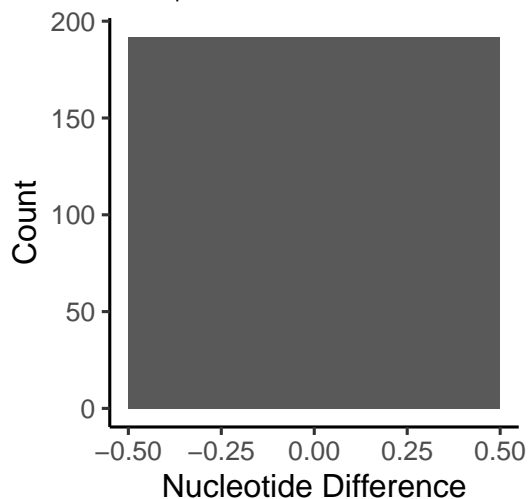
TRBV15*ap02

3220 sequences assigned
3186 (98.9%) exact matches, in which:
3129 unique CDR3
13 unique J



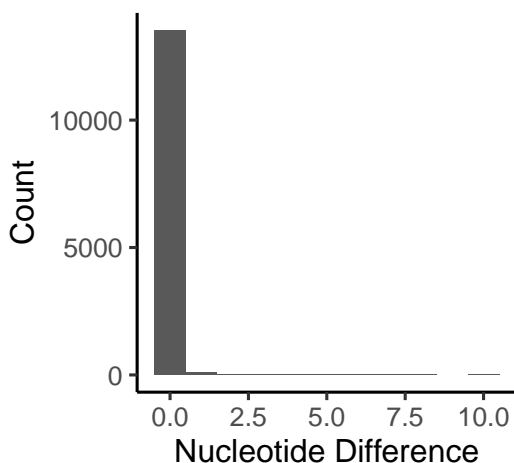
TRBV16*ap01

192 sequences assigned
192 (100%) exact matches, in which:
191 unique CDR3
11 unique J



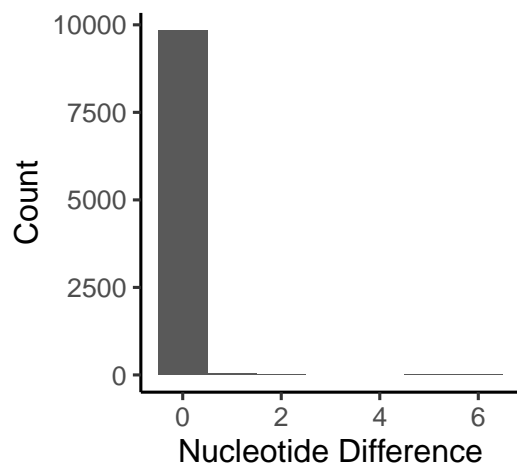
TRBV19*ap01

13636 sequences assigned
13530 (99.2%) exact matches, in which:
13455 unique CDR3
13 unique J



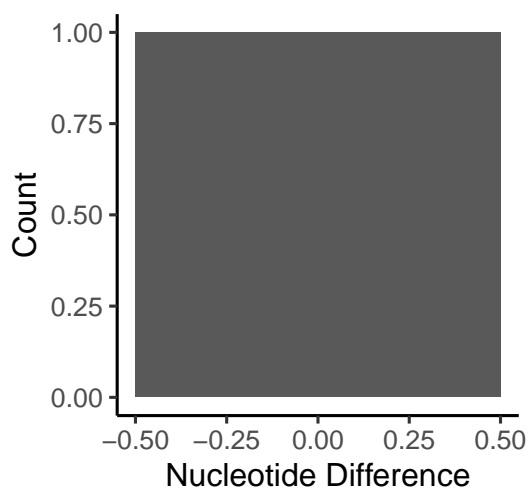
TRBV28*ap01

9902 sequences assigned
9848 (99.5%) exact matches, in which:
9763 unique CDR3
13 unique J



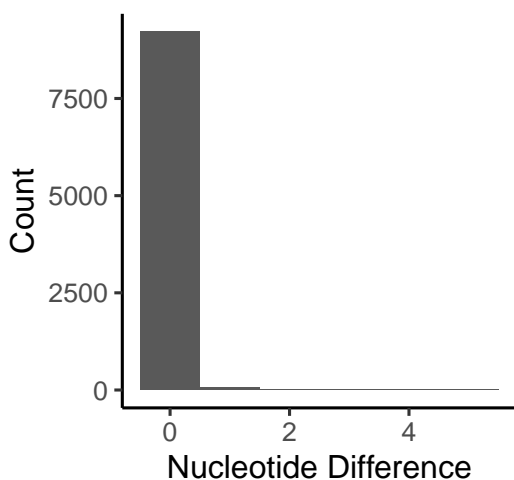
TRBV17*ap01

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



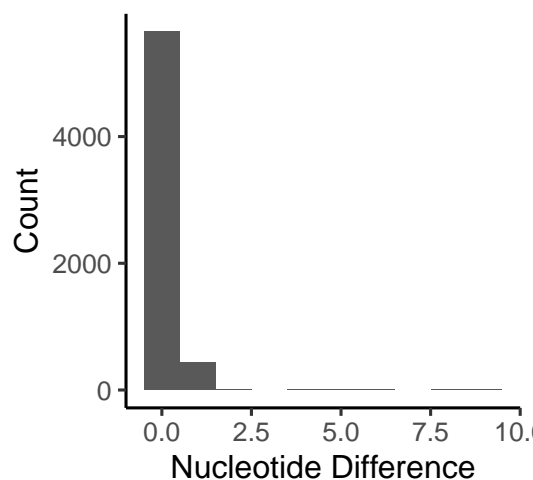
TRBV2*ap01

9296 sequences assigned
9217 (99.2%) exact matches, in which:
9071 unique CDR3
13 unique J



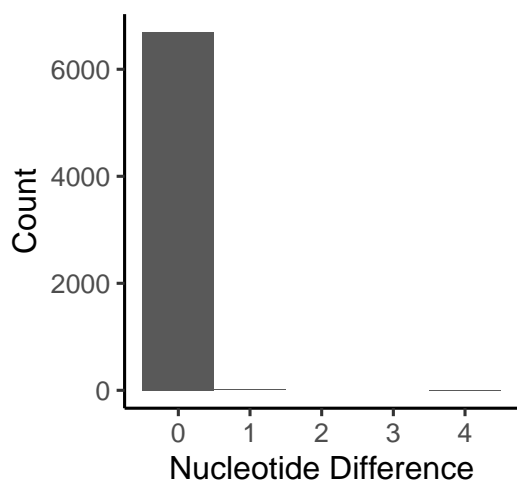
TRBV30*ap01

6101 sequences assigned
5655 (92.7%) exact matches, in which:
5426 unique CDR3
13 unique J



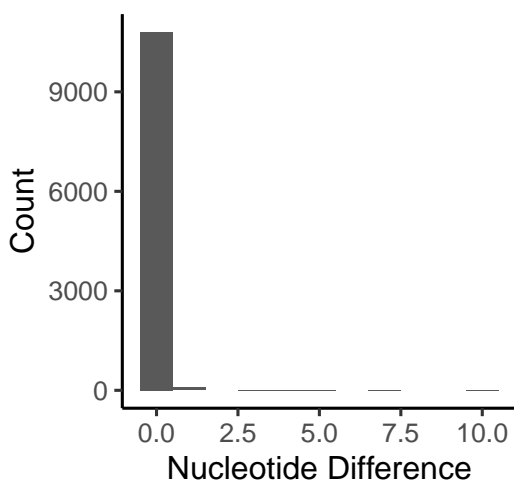
TRBV18*ap01

6712 sequences assigned
6696 (99.8%) exact matches, in which:
6658 unique CDR3
13 unique J



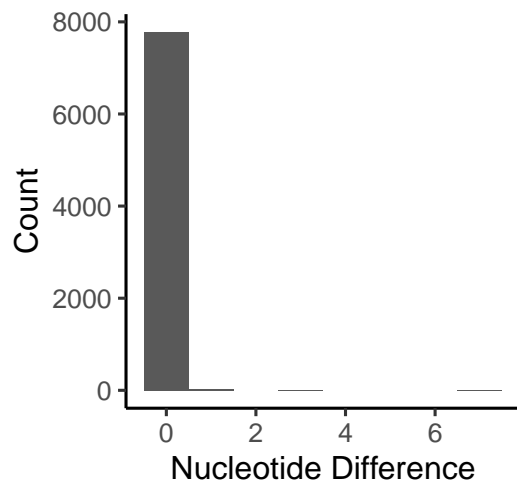
TRBV27*ap01

10894 sequences assigned
10803 (99.2%) exact matches, in which:
10681 unique CDR3
13 unique J



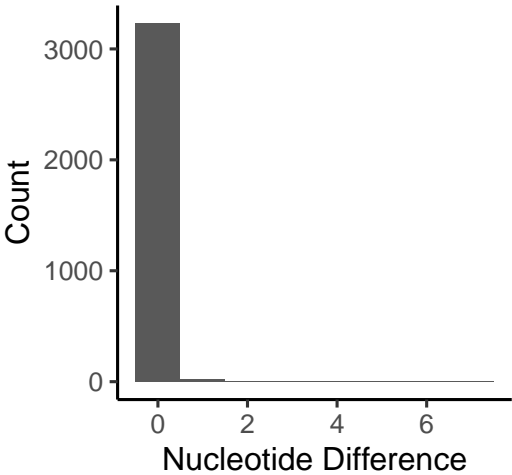
TRBV9*ap01

7815 sequences assigned
7779 (99.5%) exact matches, in which:
7721 unique CDR3
13 unique J



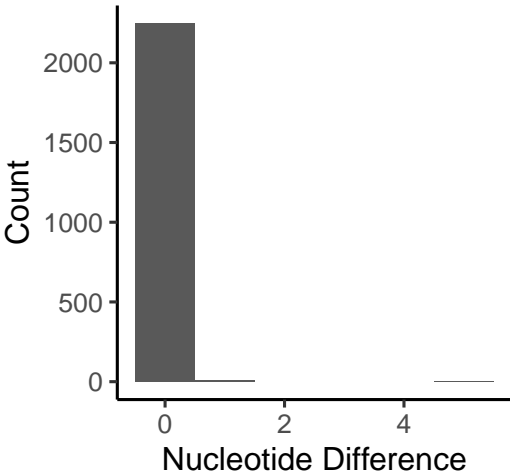
TRBV21-1*ap01

3273 sequences assigned
3230 (98.7%) exact matches, in which:
3217 unique CDR3
13 unique J



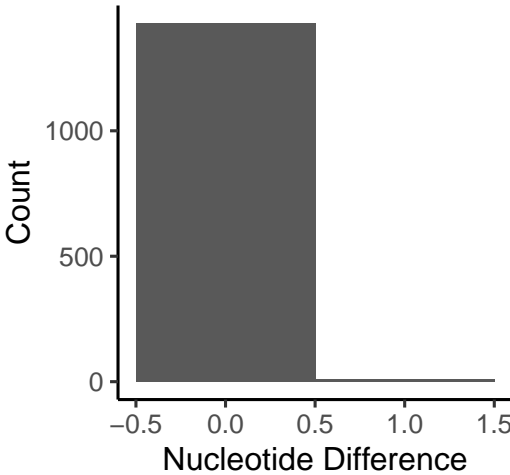
TRBV11-3*ap01

2257 sequences assigned
2247 (99.6%) exact matches, in which:
2243 unique CDR3
13 unique J



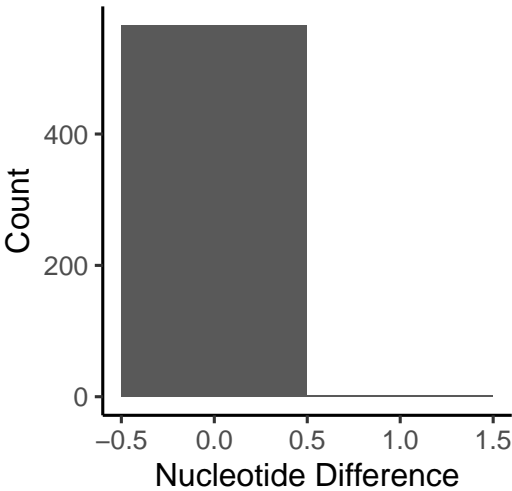
TRBV12-5*ap01

1439 sequences assigned
1428 (99.2%) exact matches, in which:
1412 unique CDR3
13 unique J



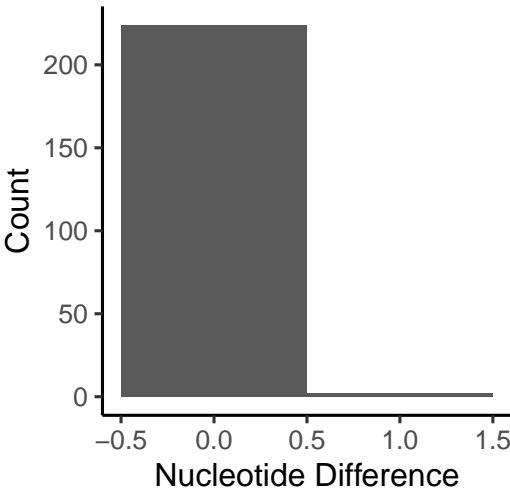
TRBV11-1*ap01

568 sequences assigned
566 (99.6%) exact matches, in which:
562 unique CDR3
13 unique J



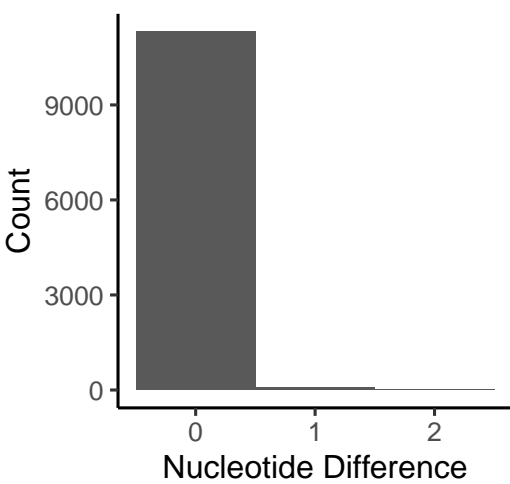
TRBV12-1*ap01

226 sequences assigned
224 (99.1%) exact matches, in which:
219 unique CDR3
13 unique J



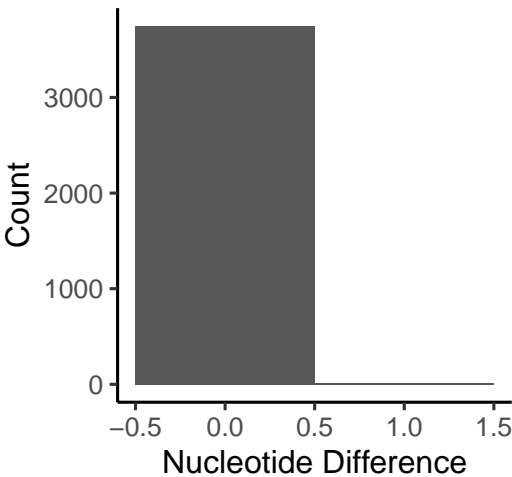
TRBV12-34*ap01

11384 sequences assigned
11311 (99.4%) exact matches, in which:
11175 unique CDR3
14 unique J



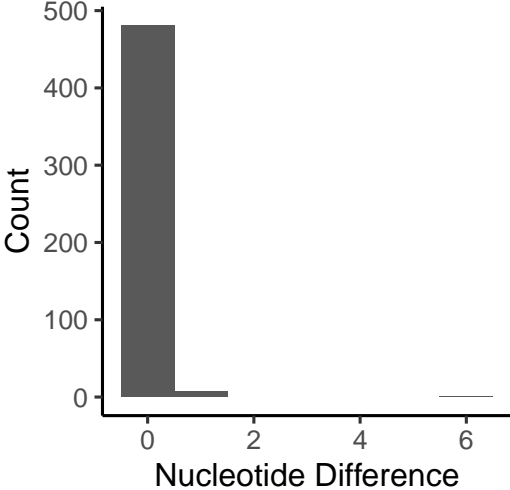
TRBV11-2*ap01

3759 sequences assigned
3747 (99.7%) exact matches, in which:
3725 unique CDR3
13 unique J



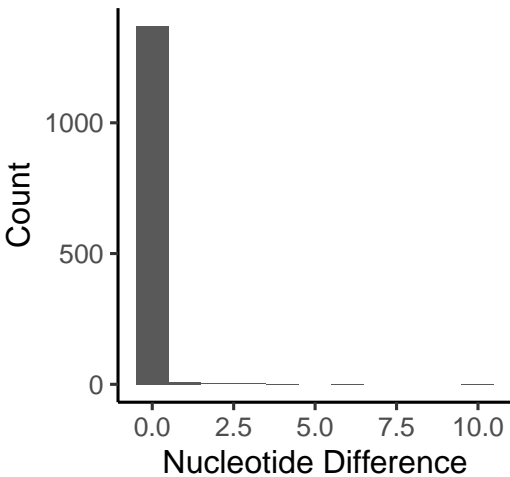
TRBV12-2*ap01

489 sequences assigned
481 (98.4%) exact matches, in which:
477 unique CDR3
13 unique J



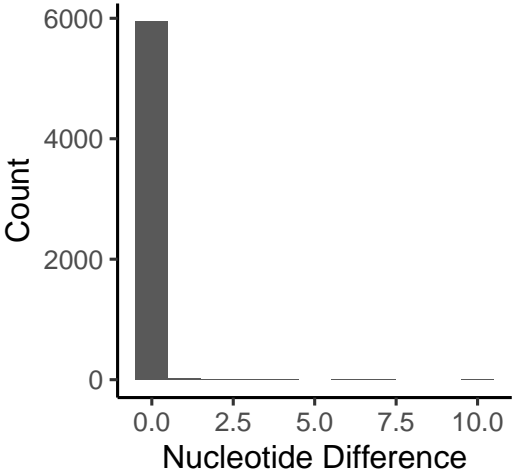
TRBV23-1*ap01

1389 sequences assigned
1370 (98.6%) exact matches, in which:
1359 unique CDR3
13 unique J



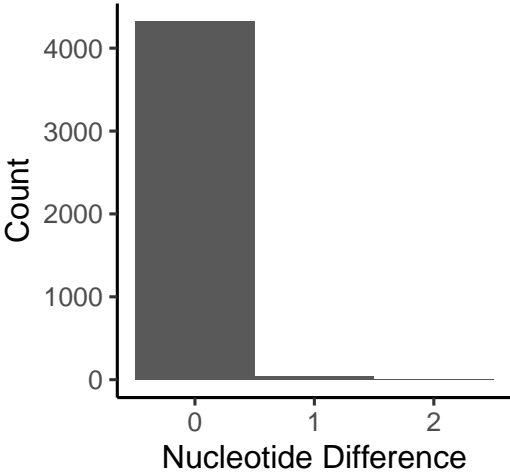
TRBV3-12*ap01

5985 sequences assigned
5948 (99.4%) exact matches, in which:
5909 unique CDR3
13 unique J



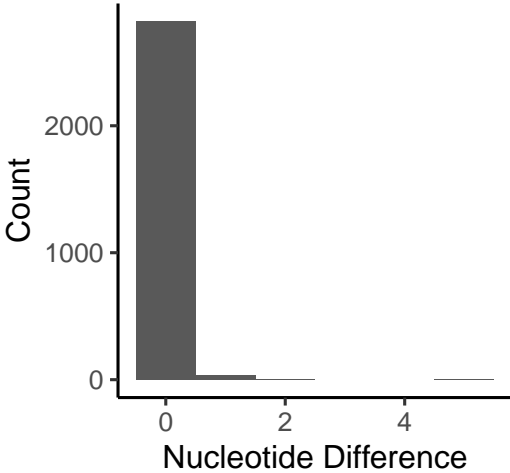
TRBV4-2*ap01

4361 sequences assigned
4323 (99.1%) exact matches, in which:
4262 unique CDR3
13 unique J



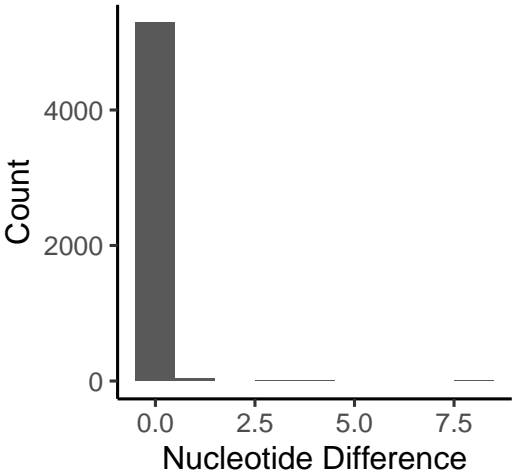
TRBV25-1*ap01

2859 sequences assigned
2822 (98.7%) exact matches, in which:
2748 unique CDR3
13 unique J



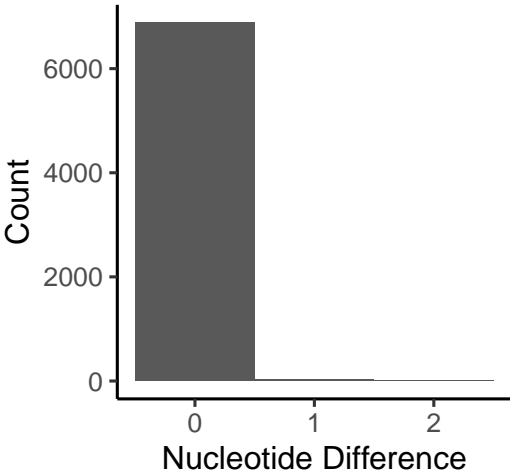
TRBV4-1*ap01

5324 sequences assigned
5288 (99.3%) exact matches, in which:
5194 unique CDR3
13 unique J



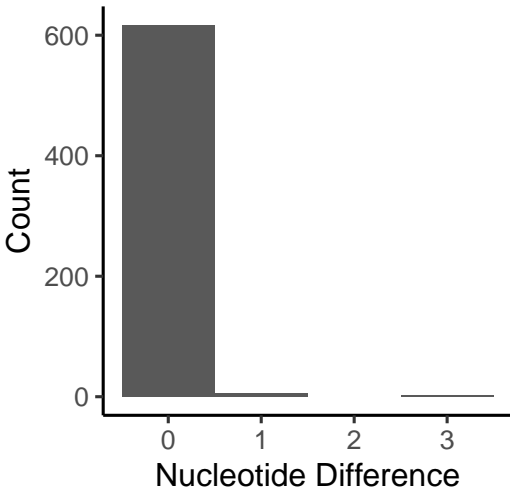
TRBV4-3*ap01

6921 sequences assigned
6882 (99.4%) exact matches, in which:
6809 unique CDR3
13 unique J



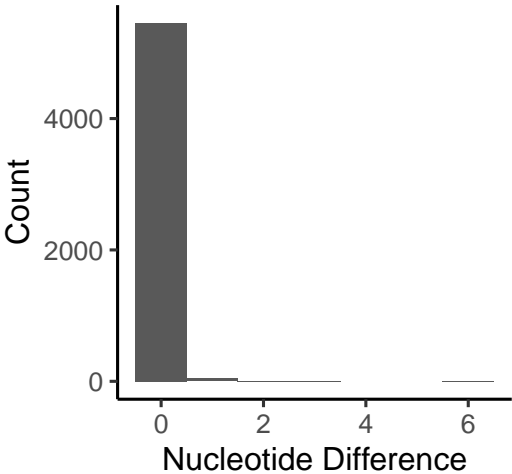
TRBV5-3*ap01

626 sequences assigned
617 (98.6%) exact matches, in which:
612 unique CDR3
13 unique J



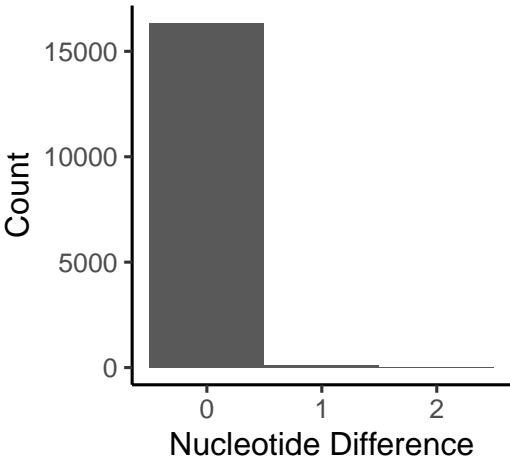
TRBV24-1*ap01

5509 sequences assigned
5454 (99%) exact matches, in which:
5374 unique CDR3
13 unique J



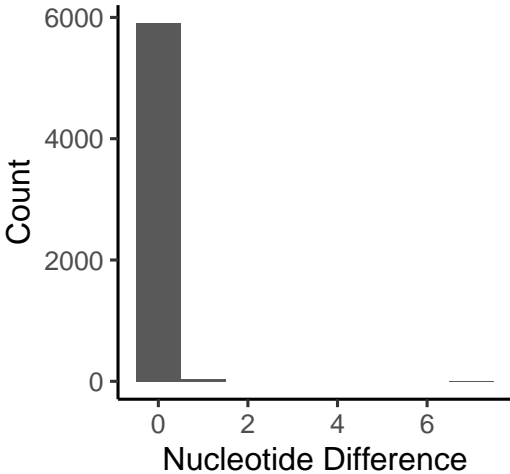
TRBV5-1*ap01

16465 sequences assigned
16354 (99.3%) exact matches, in which:
16087 unique CDR3
13 unique J



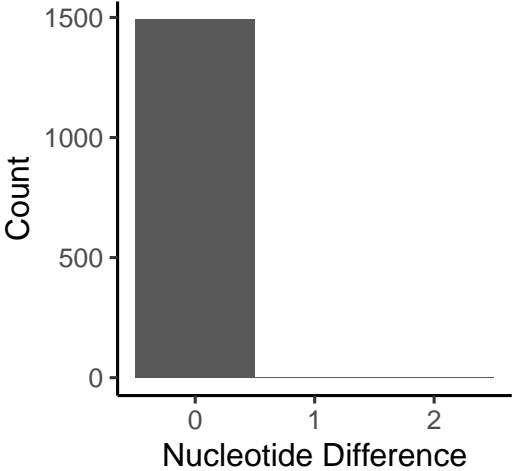
TRBV5-4*ap01

5946 sequences assigned
5907 (99.3%) exact matches, in which:
5825 unique CDR3
13 unique J



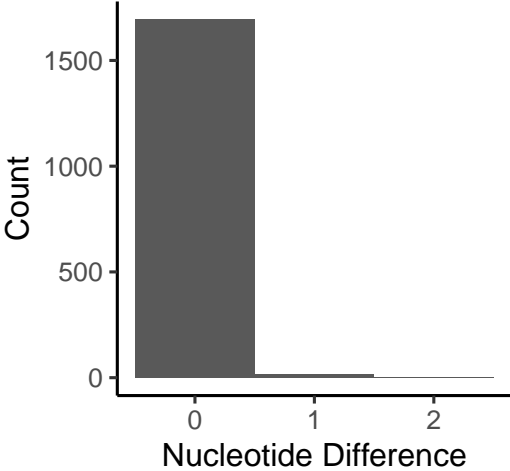
TRBV5-5*ap01

1497 sequences assigned
1492 (99.7%) exact matches, in which:
1488 unique CDR3
13 unique J



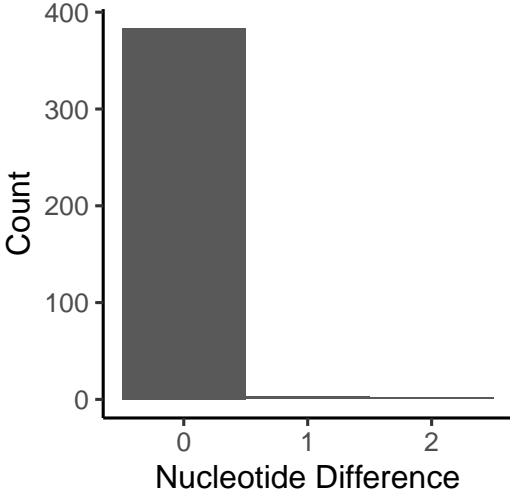
TRBV5-8*ap01

1714 sequences assigned
1694 (98.8%) exact matches, in which:
1674 unique CDR3
13 unique J



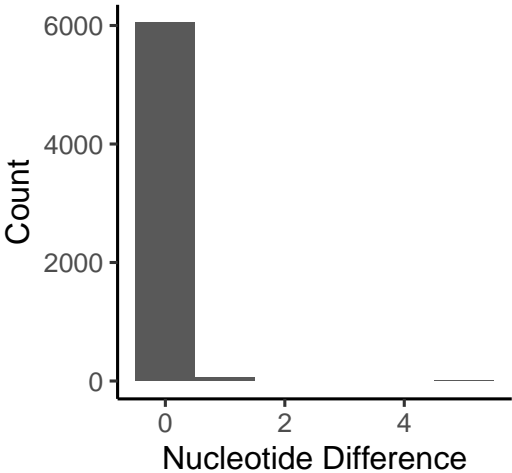
TRBV6-7*ap01

389 sequences assigned
384 (98.7%) exact matches, in which:
379 unique CDR3
13 unique J



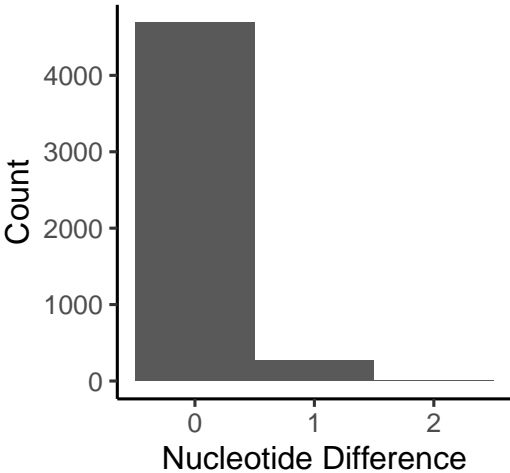
TRBV5-6*ap01

6111 sequences assigned
6047 (99%) exact matches, in which:
5925 unique CDR3
13 unique J



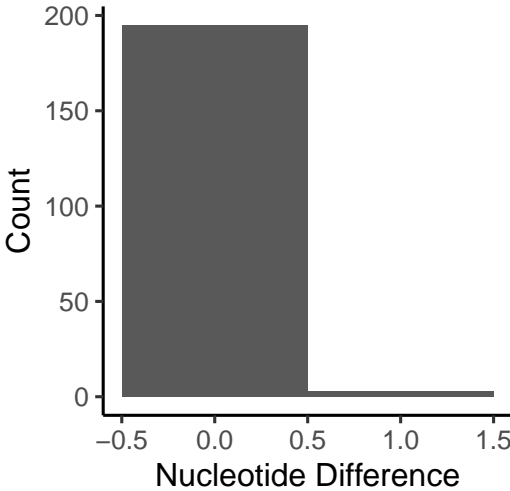
TRBV6-1*ap01

4965 sequences assigned
4689 (94.4%) exact matches, in which:
4595 unique CDR3
13 unique J



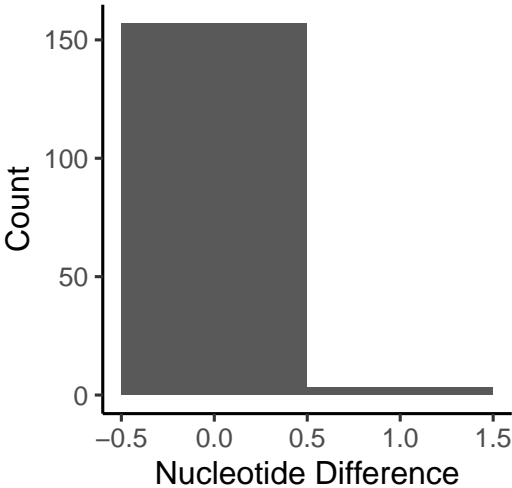
TRBV6-8*ap01

198 sequences assigned
195 (98.5%) exact matches, in which:
193 unique CDR3
13 unique J



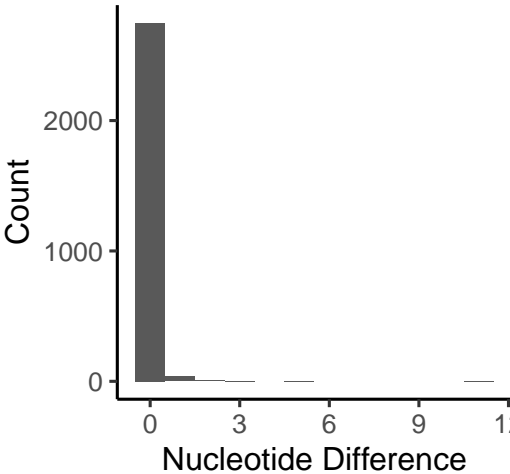
TRBV5-7*ap01

160 sequences assigned
157 (98.1%) exact matches, in which:
152 unique CDR3
13 unique J



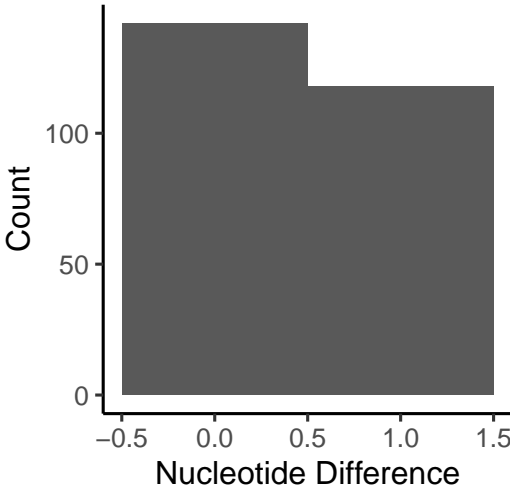
TRBV6-4*ap01

2796 sequences assigned
2748 (98.3%) exact matches, in which:
2720 unique CDR3
13 unique J



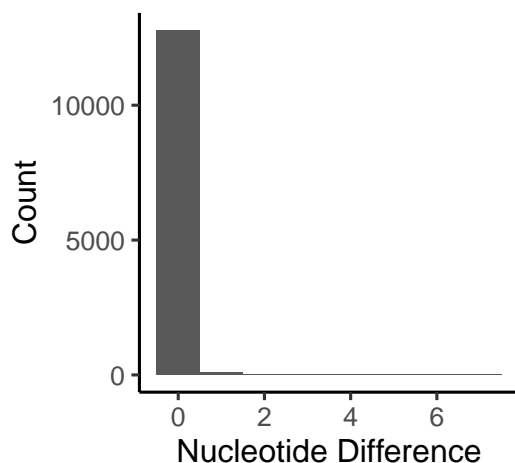
TRBV6-9*ap01

260 sequences assigned
142 (54.6%) exact matches, in which:
139 unique CDR3
12 unique J



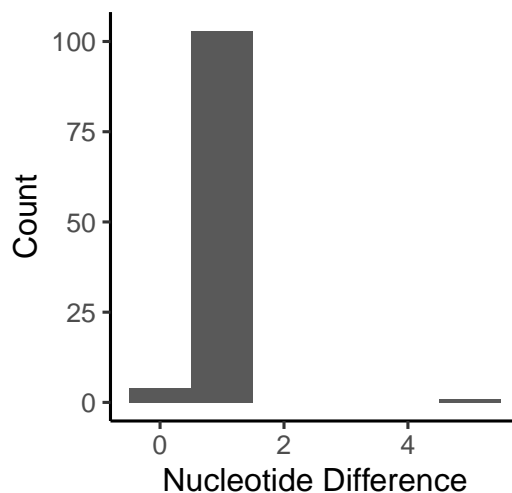
TRBV6-23*ap01

12886 sequences assigned
12783 (99.2%) exact matches, in which:
12468 unique CDR3
13 unique J



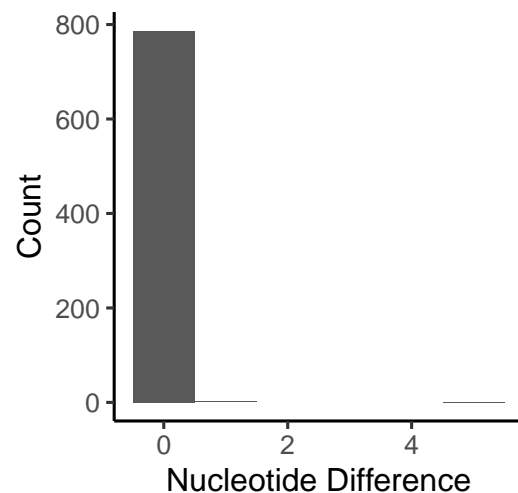
TRBV7-1*ap01_T296C

108 sequences assigned
4 (3.7%) exact matches, in which:
4 unique CDR3
4 unique J



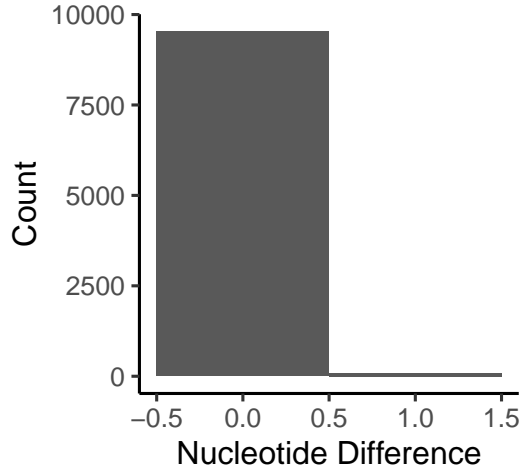
TRBV7-3*ap03

790 sequences assigned
787 (99.6%) exact matches, in which:
783 unique CDR3
13 unique J



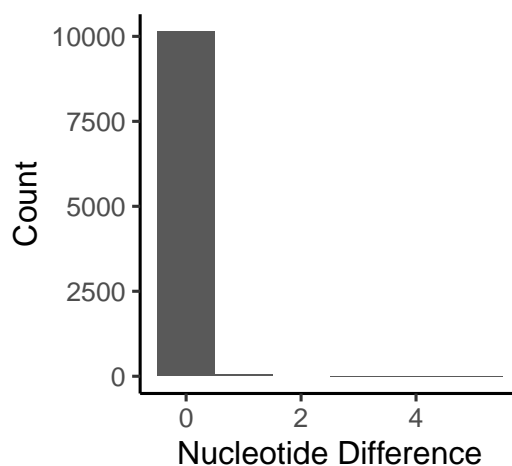
TRBV6-56*ap01

9617 sequences assigned
9532 (99.1%) exact matches, in which:
9324 unique CDR3
13 unique J



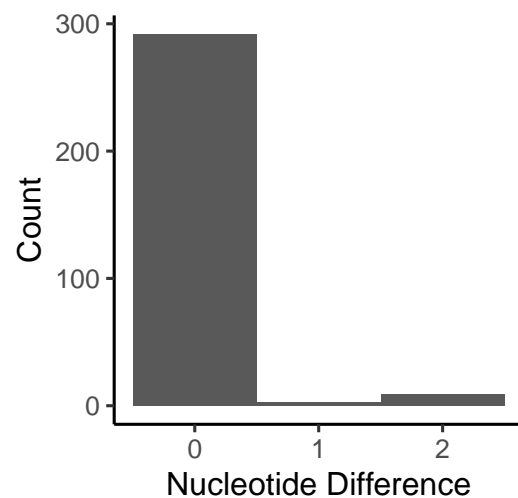
TRBV7-2*ap01

10198 sequences assigned
10144 (99.5%) exact matches, in which:
10055 unique CDR3
13 unique J



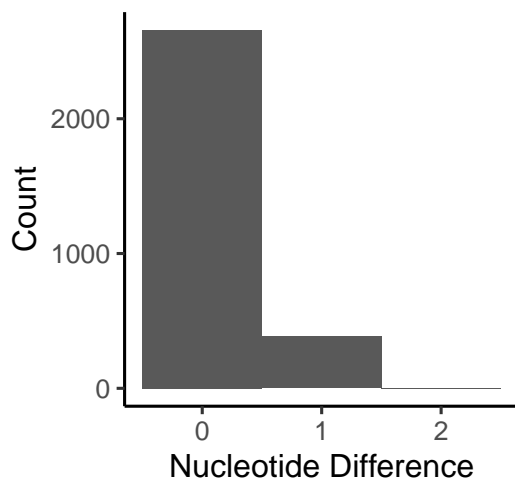
TRBV7-4*ap01

304 sequences assigned
292 (96.1%) exact matches, in which:
289 unique CDR3
13 unique J



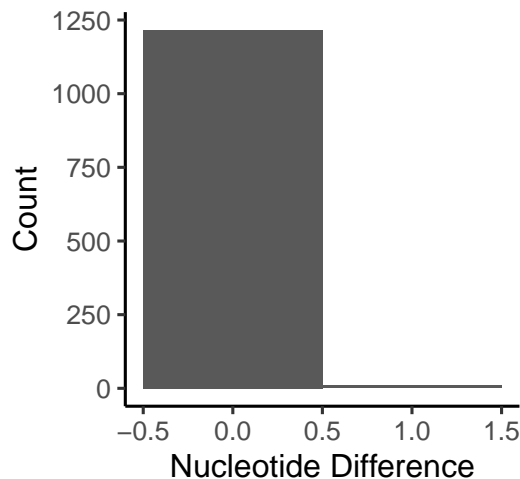
TRBV6-56*ap02

3043 sequences assigned
2658 (87.3%) exact matches, in which:
2599 unique CDR3
13 unique J



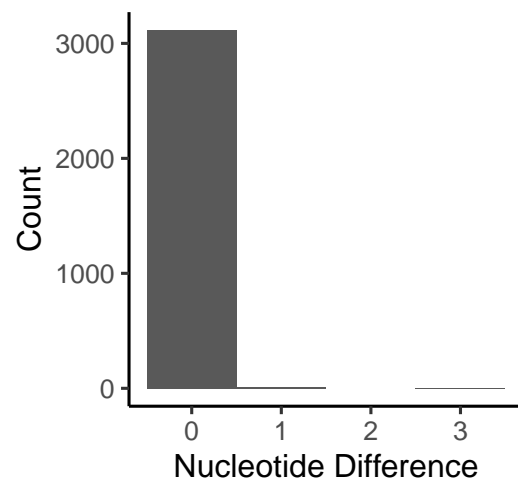
TRBV7-3*ap01

1226 sequences assigned
1216 (99.2%) exact matches, in which:
1207 unique CDR3
13 unique J



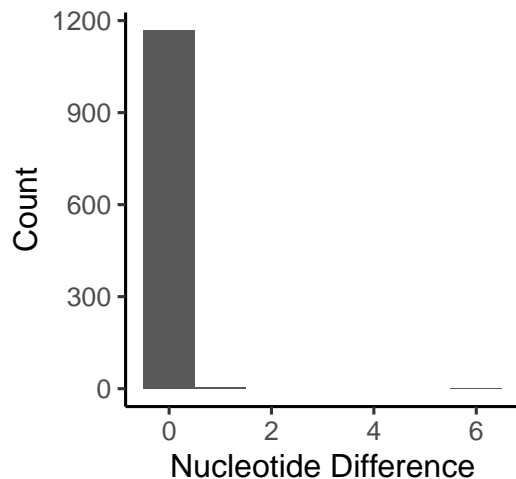
TRBV7-6*ap01

3131 sequences assigned
3116 (99.5%) exact matches, in which:
3074 unique CDR3
13 unique J



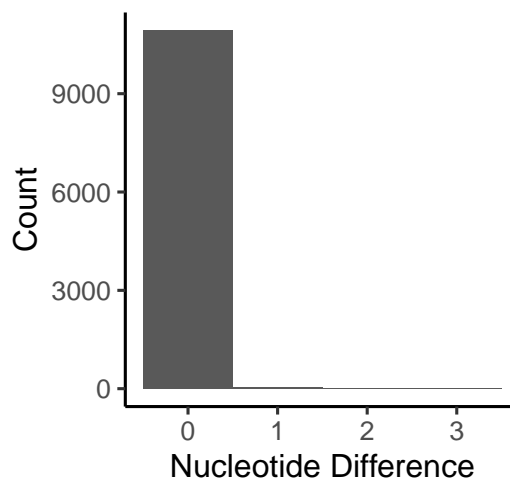
TRBV7-7*ap01_C315T

1174 sequences assigned
1168 (99.5%) exact matches, in which:
1152 unique CDR3
13 unique J



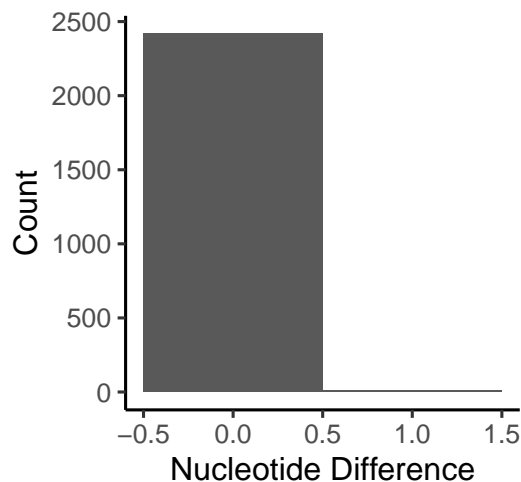
TRBV7-9*ap01

10984 sequences assigned
10931 (99.5%) exact matches, in which:
10811 unique CDR3
13 unique J



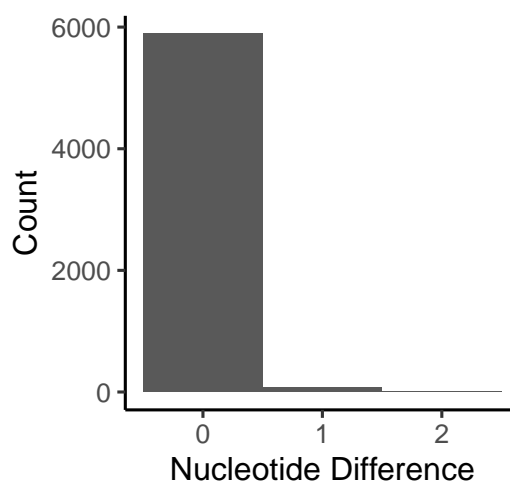
TRBV7-8*ap01

2430 sequences assigned
2418 (99.5%) exact matches, in which:
2394 unique CDR3
13 unique J



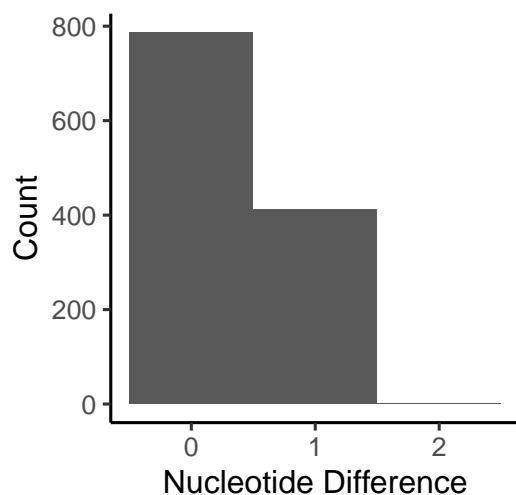
TRBV29-1*ap01

5966 sequences assigned
5891 (98.7%) exact matches, in which:
5687 unique CDR3
13 unique J



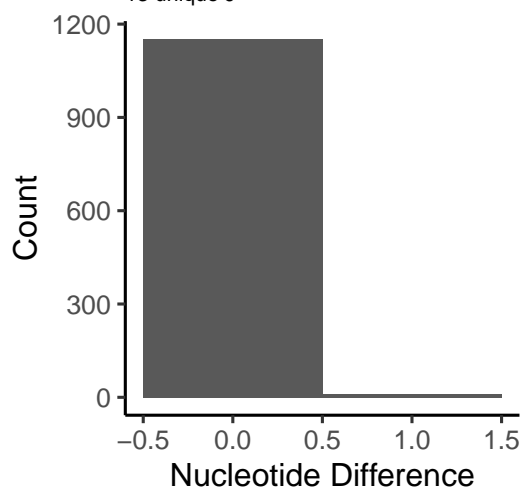
TRBV7-8*ap03

1201 sequences assigned
787 (65.5%) exact matches, in which:
780 unique CDR3
13 unique J

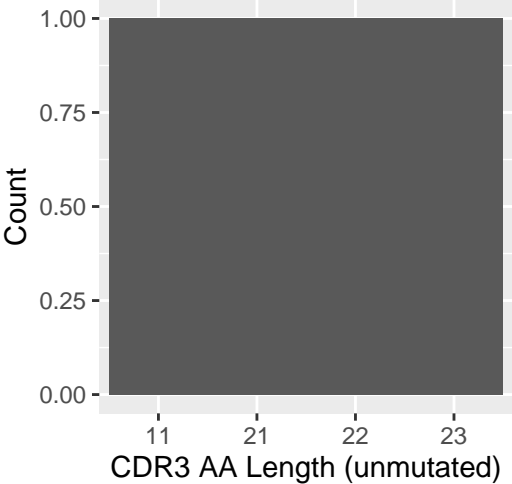


TRBV29-1*ap02

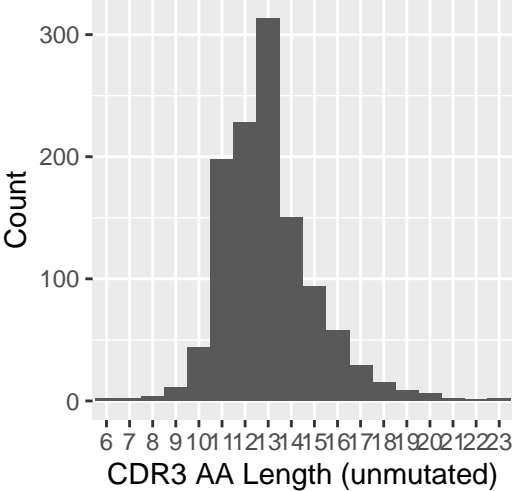
1163 sequences assigned
1152 (99.1%) exact matches, in which:
1116 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.