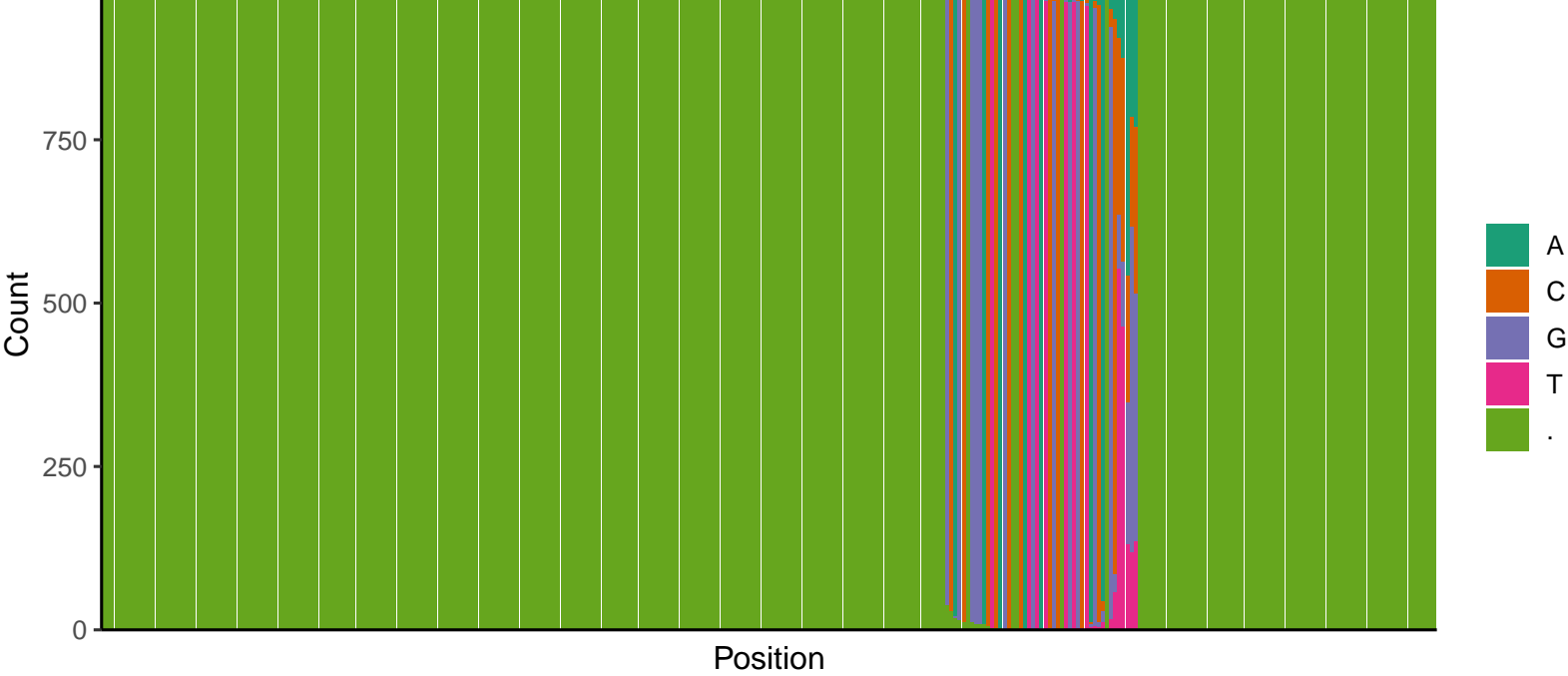


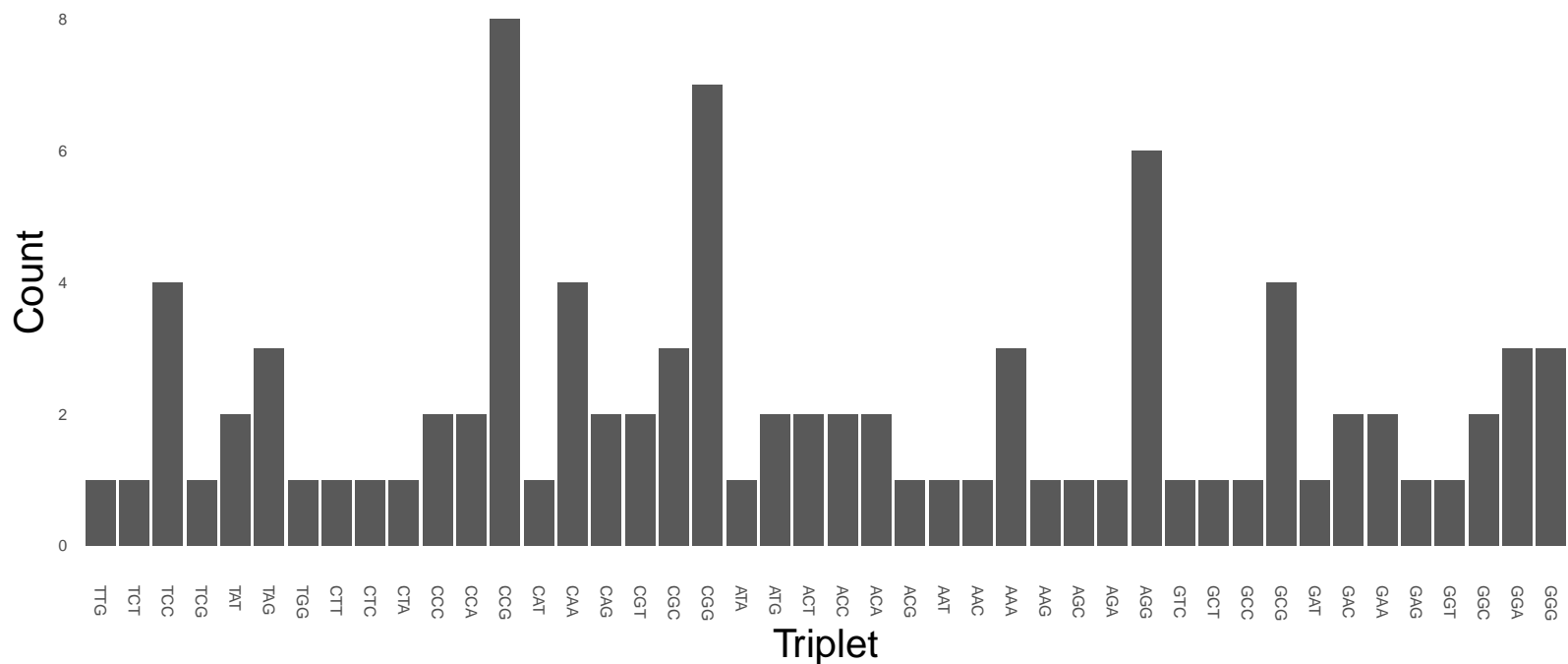
Gene TRBV7-1*ap01_T296C



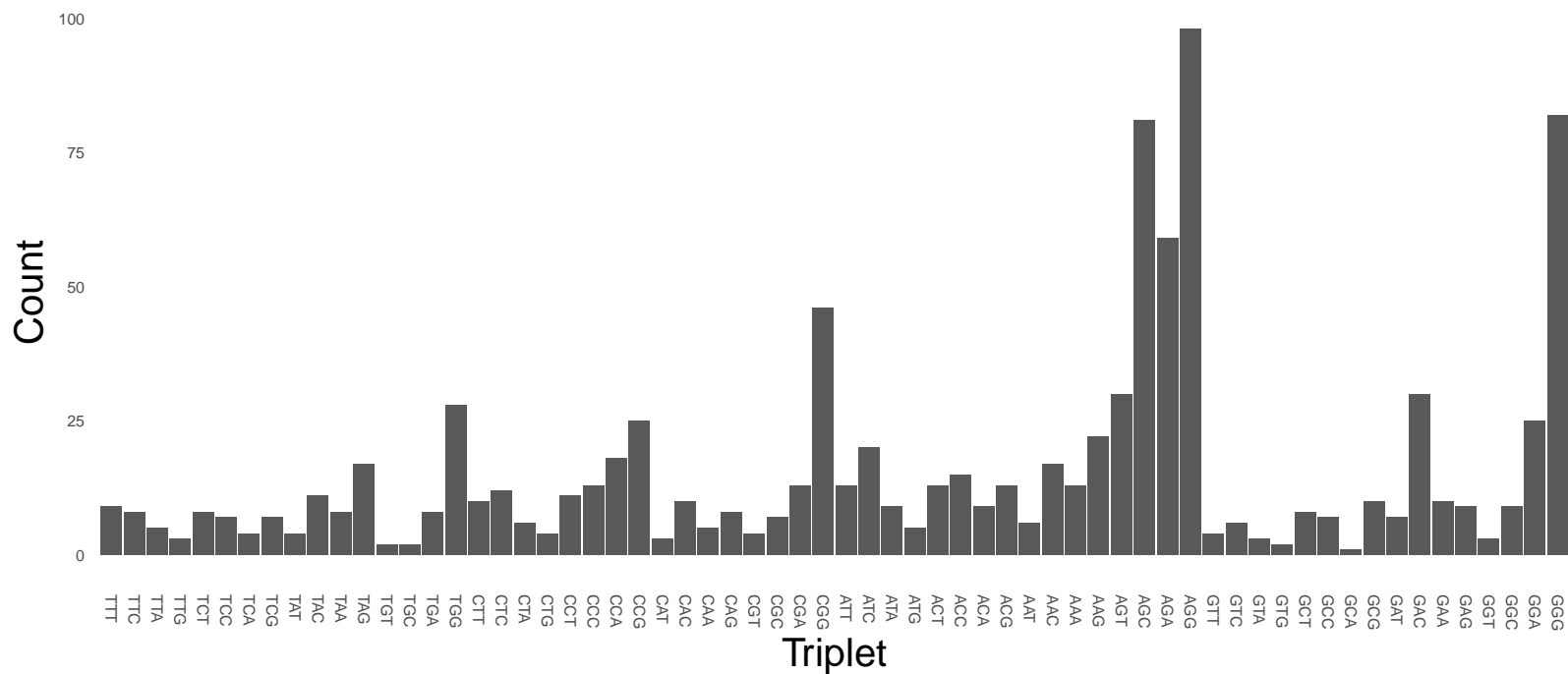
Gene TRBV7-7*ap01_C315T



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

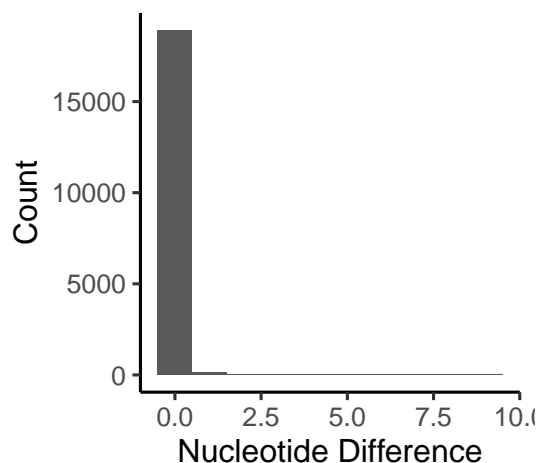


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



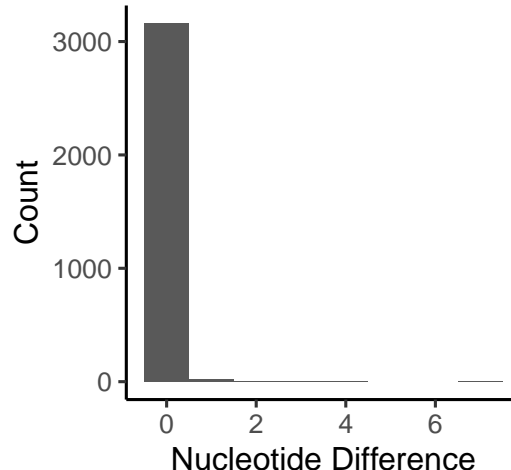
TRBV20-1*ap01

19111 sequences assigned
18919 (99%) exact matches, in which:
18748 unique CDR3
13 unique J



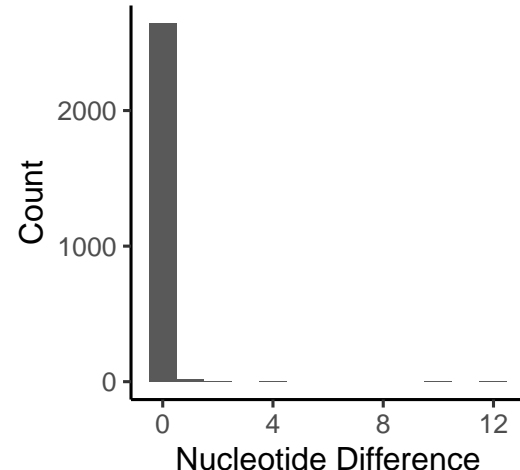
TRBV10-3*ap01

3193 sequences assigned
3160 (99%) exact matches, in which:
3111 unique CDR3
13 unique J



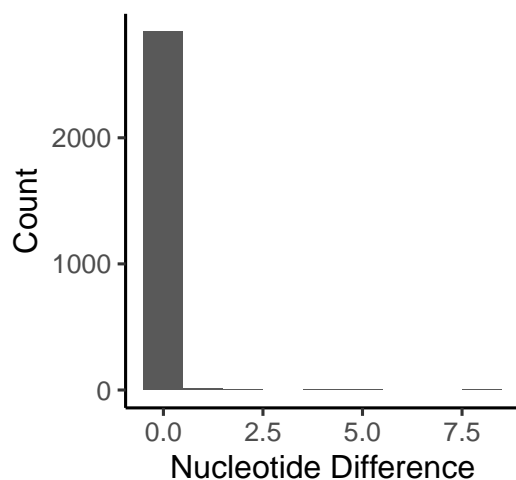
TRBV14*ap01

2662 sequences assigned
2643 (99.3%) exact matches, in which:
2616 unique CDR3
13 unique J



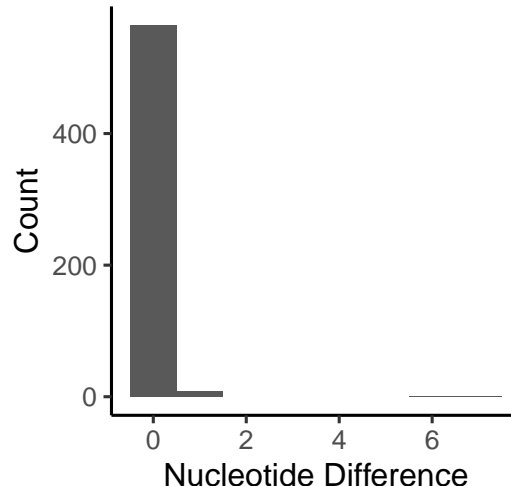
TRBV10-1*ap01

2861 sequences assigned
2841 (99.3%) exact matches, in which:
2801 unique CDR3
13 unique J



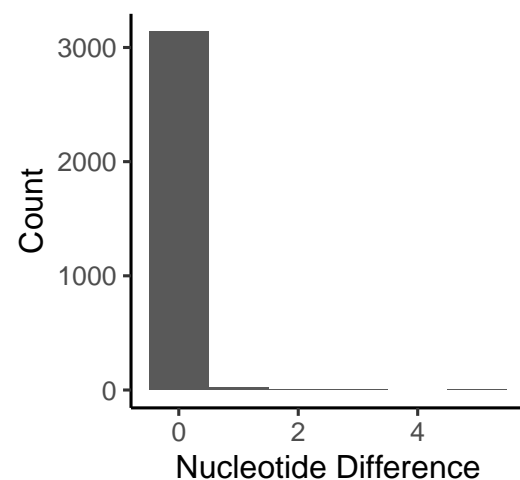
TRBV1*ap01

575 sequences assigned
565 (98.3%) exact matches, in which:
555 unique CDR3
13 unique J



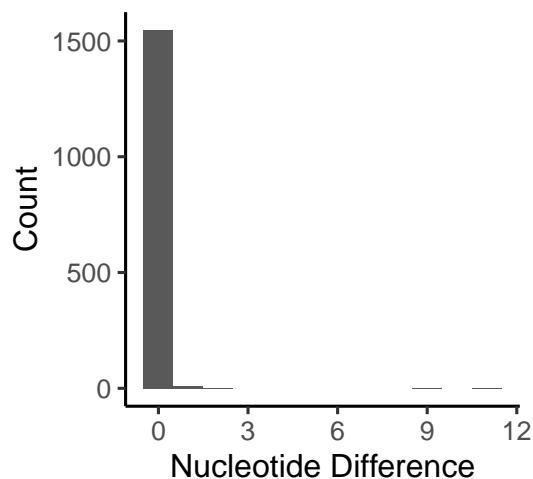
TRBV15*ap02

3166 sequences assigned
3138 (99.1%) exact matches, in which:
3094 unique CDR3
13 unique J



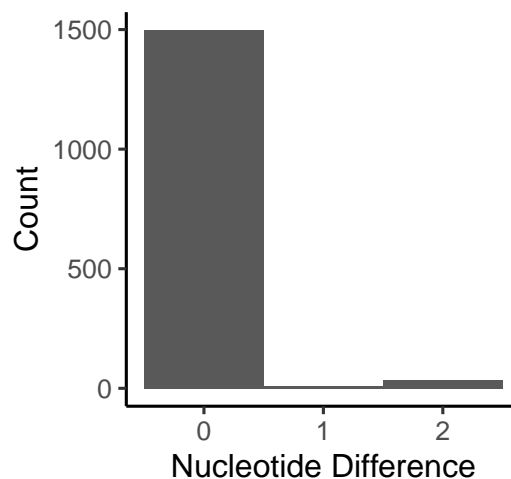
TRBV10-2*ap01

1560 sequences assigned
1547 (99.2%) exact matches, in which:
1531 unique CDR3
13 unique J



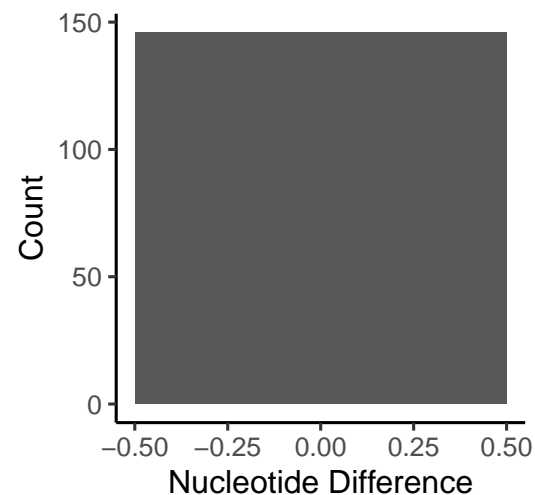
TRBV13*ap01

1543 sequences assigned
1498 (97.1%) exact matches, in which:
1455 unique CDR3
13 unique J



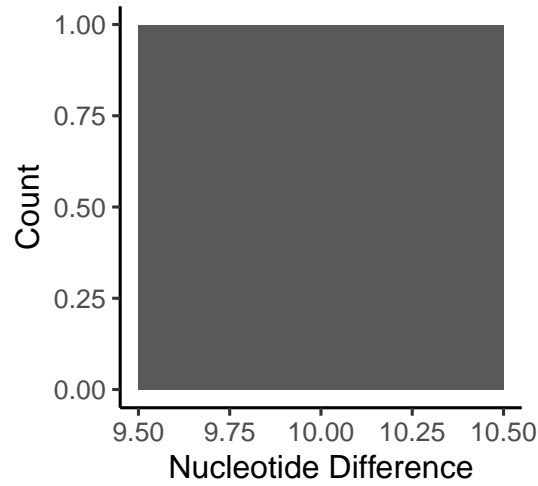
TRBV16*ap01

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



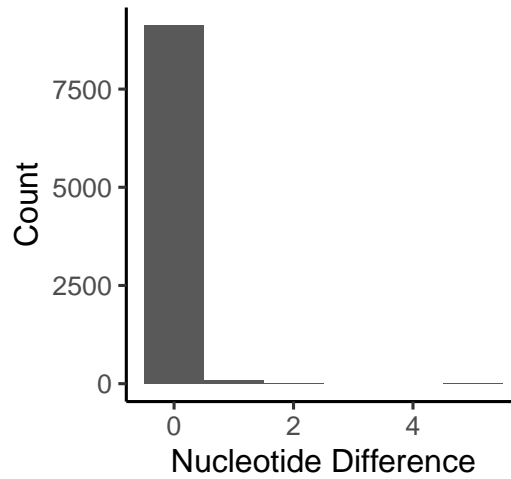
TRBV17*ap01

1 sequences assigned
No exact matches.



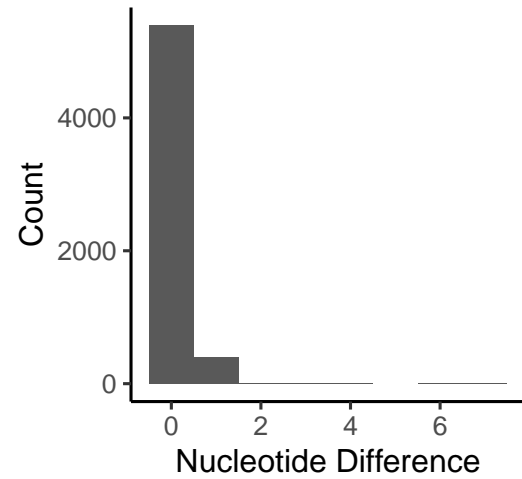
TRBV2*ap01

9210 sequences assigned
9121 (99%) exact matches, in which:
8970 unique CDR3
13 unique J



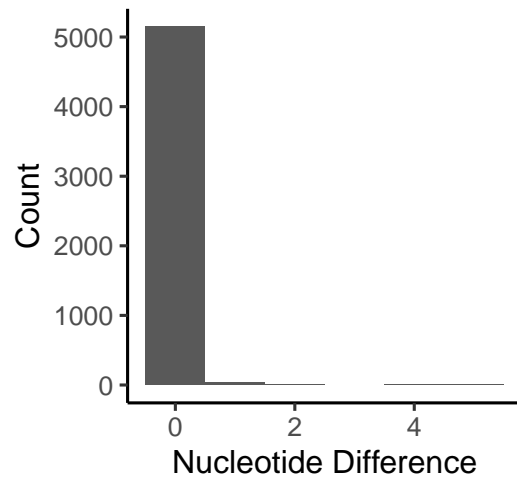
TRBV30*ap01

5807 sequences assigned
5392 (92.9%) exact matches, in which:
5246 unique CDR3
13 unique J



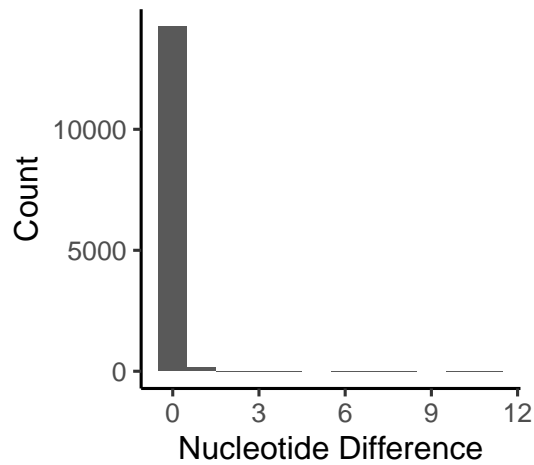
TRBV18*ap01

5182 sequences assigned
5148 (99.3%) exact matches, in which:
5127 unique CDR3
13 unique J



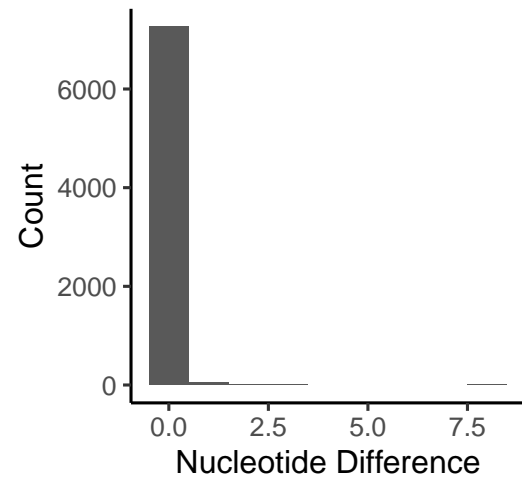
TRBV27*ap01

14417 sequences assigned
14251 (98.8%) exact matches, in which:
14004 unique CDR3
13 unique J



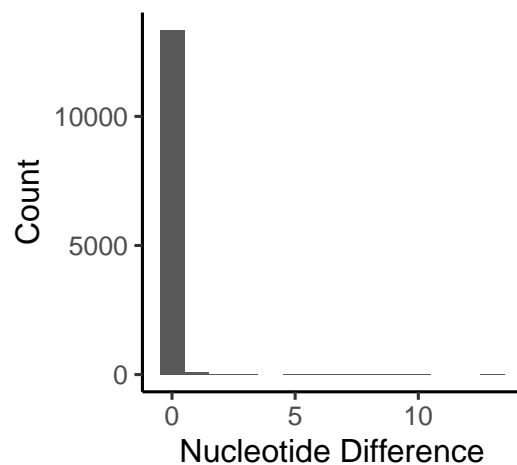
TRBV9*ap01

7315 sequences assigned
7262 (99.3%) exact matches, in which:
7191 unique CDR3
13 unique J



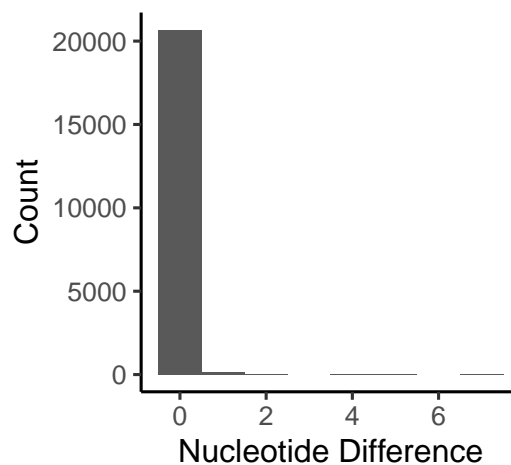
TRBV19*ap01

13459 sequences assigned
13354 (99.2%) exact matches, in which:
13302 unique CDR3
13 unique J



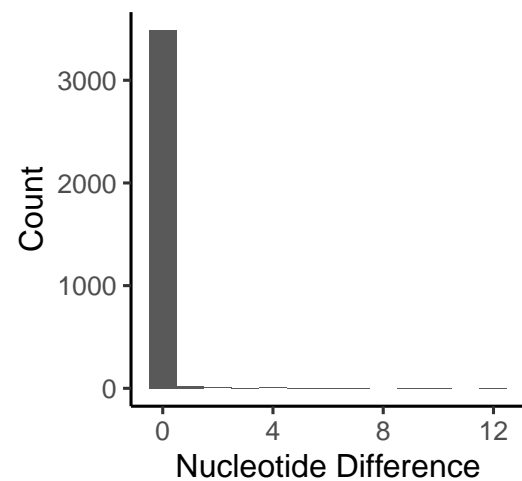
TRBV28*ap01

20815 sequences assigned
20679 (99.3%) exact matches, in which:
20531 unique CDR3
13 unique J



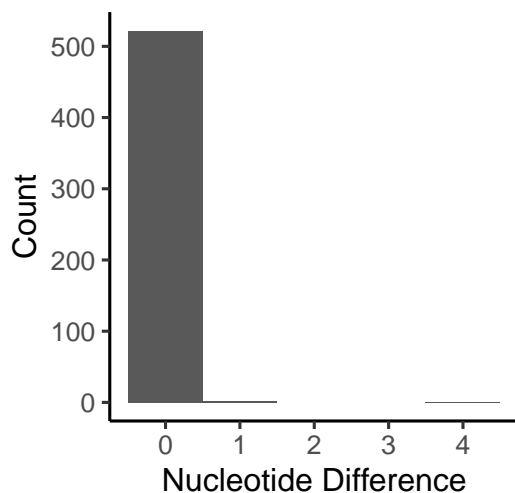
TRBV21-1*ap01

3547 sequences assigned
3489 (98.4%) exact matches, in which:
3472 unique CDR3
14 unique J



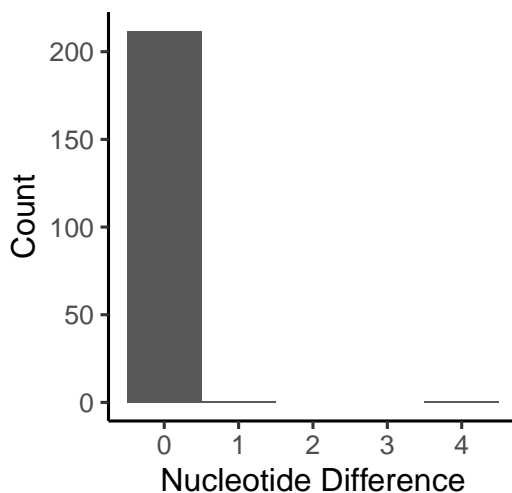
TRBV11-1*ap01

525 sequences assigned
522 (99.4%) exact matches, in which:
519 unique CDR3
13 unique J



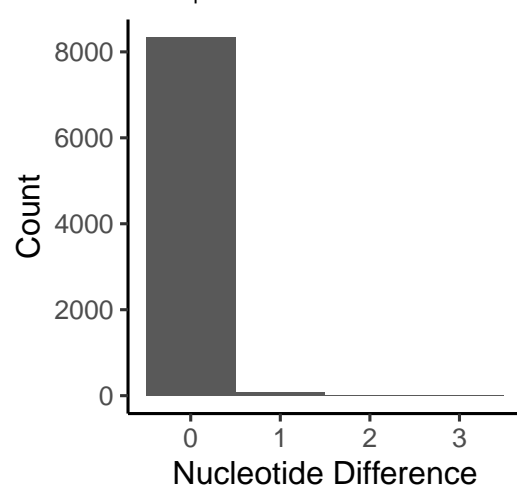
TRBV12-1*ap01

214 sequences assigned
212 (99.1%) exact matches, in which:
209 unique CDR3
12 unique J



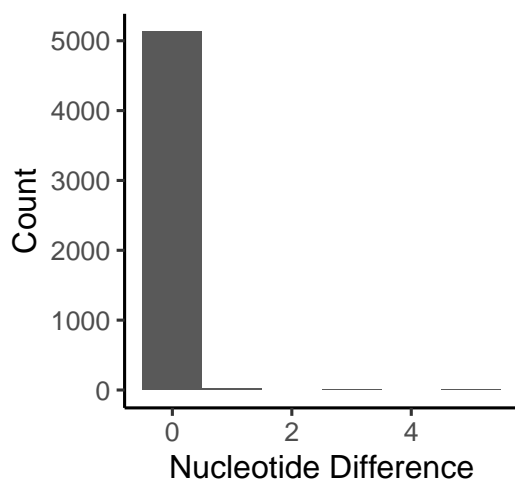
TRBV12-34*ap01

8414 sequences assigned
8336 (99.1%) exact matches, in which:
8247 unique CDR3
13 unique J



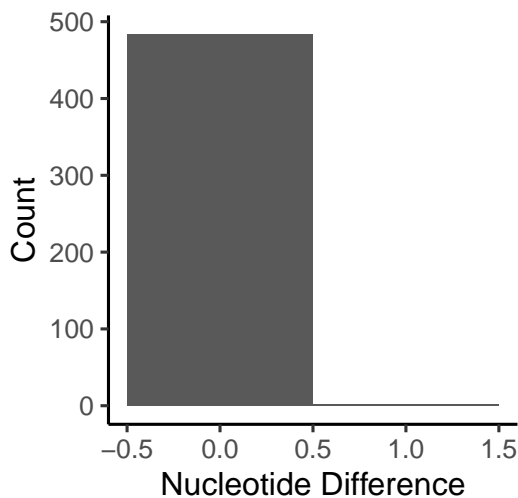
TRBV11-2*ap01

5150 sequences assigned
5129 (99.6%) exact matches, in which:
5097 unique CDR3
13 unique J



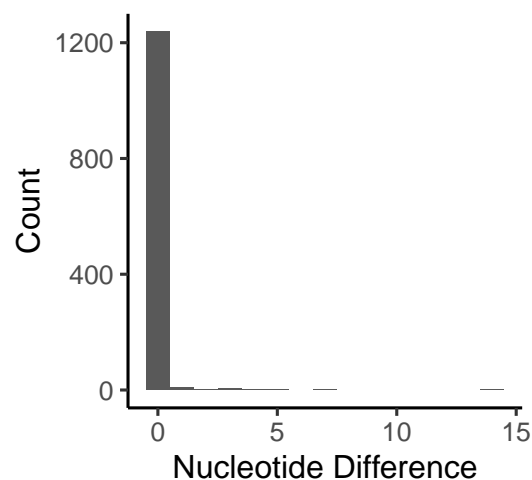
TRBV12-2*ap01

486 sequences assigned
484 (99.6%) exact matches, in which:
479 unique CDR3
13 unique J



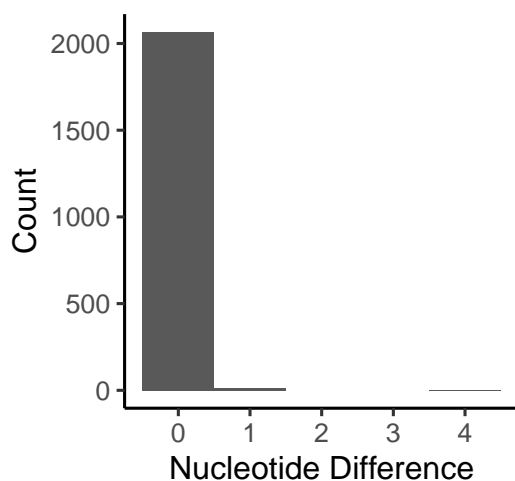
TRBV23-1*ap01

1255 sequences assigned
1238 (98.6%) exact matches, in which:
1228 unique CDR3
13 unique J



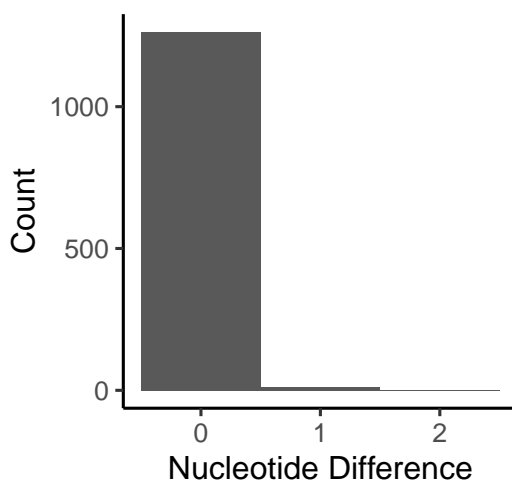
TRBV11-3*ap01

2081 sequences assigned
2066 (99.3%) exact matches, in which:
2055 unique CDR3
13 unique J



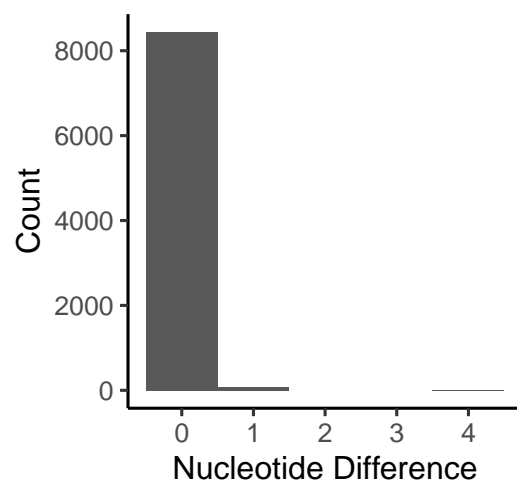
TRBV12-5*ap01

1276 sequences assigned
1263 (99%) exact matches, in which:
1251 unique CDR3
13 unique J



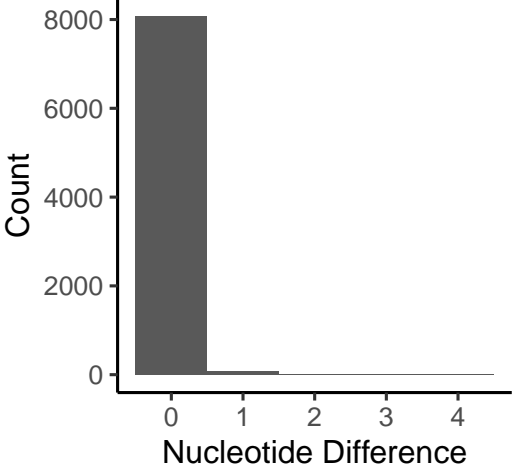
TRBV3-12*ap01

8513 sequences assigned
8440 (99.1%) exact matches, in which:
8302 unique CDR3
13 unique J



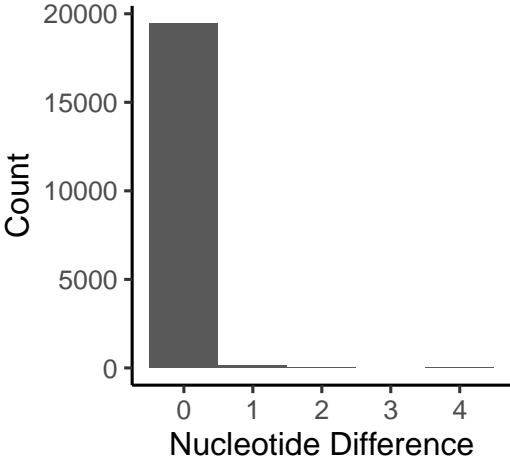
TRBV24-1*ap01

8149 sequences assigned
8070 (99%) exact matches, in which:
7954 unique CDR3
13 unique J



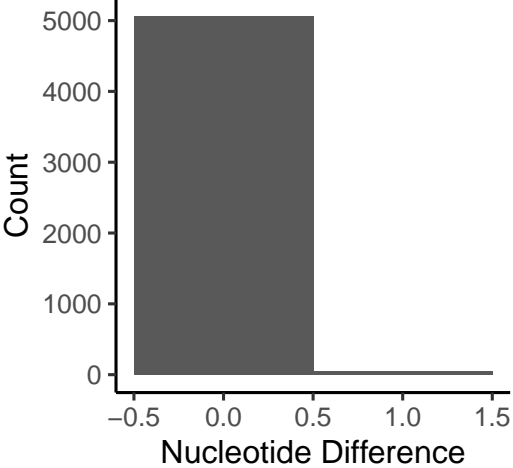
TRBV5-1*ap01

19644 sequences assigned
19470 (99.1%) exact matches, in which:
19063 unique CDR3
13 unique J



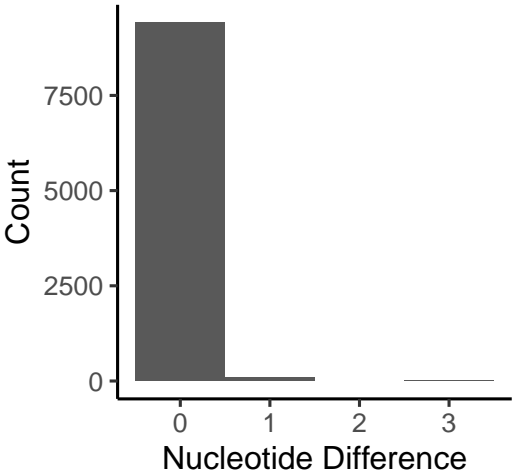
TRBV5-4*ap01

5103 sequences assigned
5059 (99.1%) exact matches, in which:
4959 unique CDR3
13 unique J



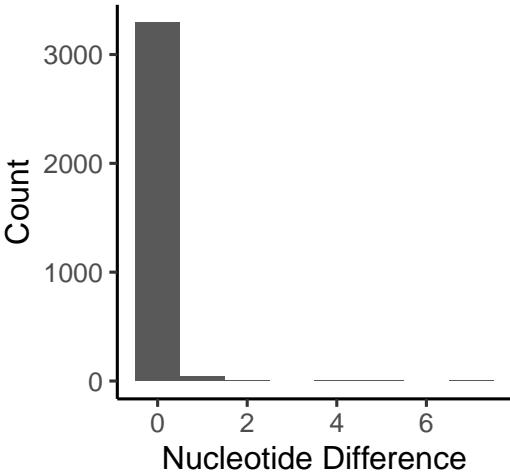
TRBV4-1*ap01

9502 sequences assigned
9409 (99%) exact matches, in which:
9206 unique CDR3
13 unique J



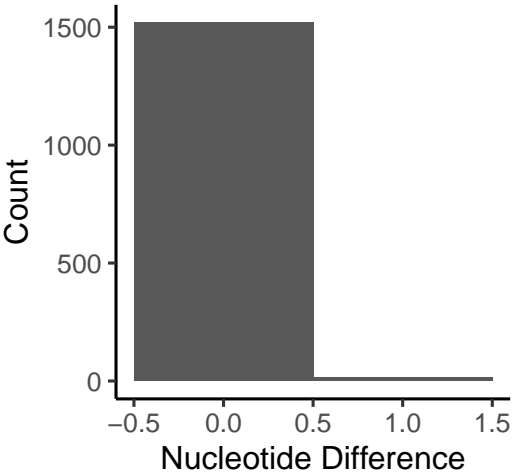
TRBV25-1*ap01

3346 sequences assigned
3292 (98.4%) exact matches, in which:
3222 unique CDR3
13 unique J



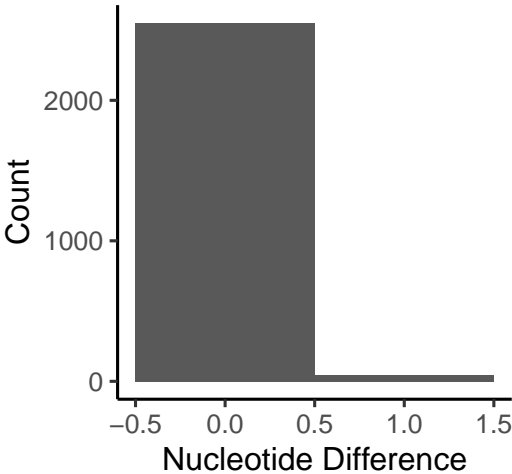
TRBV5-5*ap01

1532 sequences assigned
1519 (99.2%) exact matches, in which:
1515 unique CDR3
13 unique J



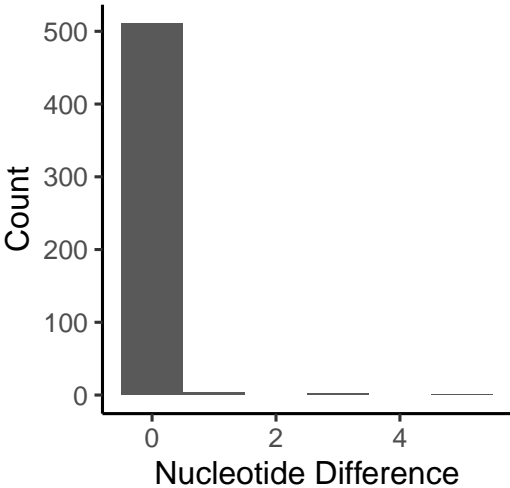
TRBV4-2*ap01

2596 sequences assigned
2550 (98.2%) exact matches, in which:
2511 unique CDR3
13 unique J



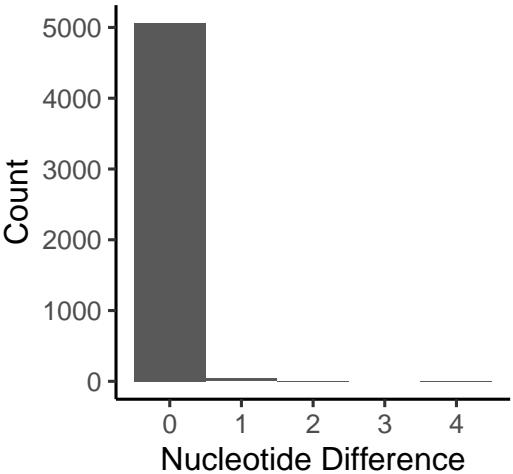
TRBV5-3*ap01

518 sequences assigned
511 (98.6%) exact matches, in which:
506 unique CDR3
13 unique J



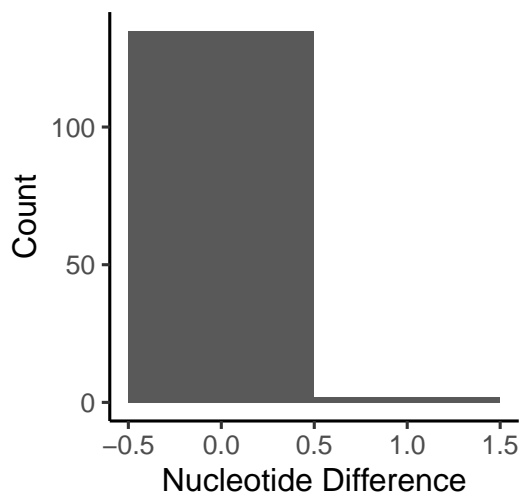
TRBV5-6*ap01

5104 sequences assigned
5062 (99.2%) exact matches, in which:
4919 unique CDR3
13 unique J



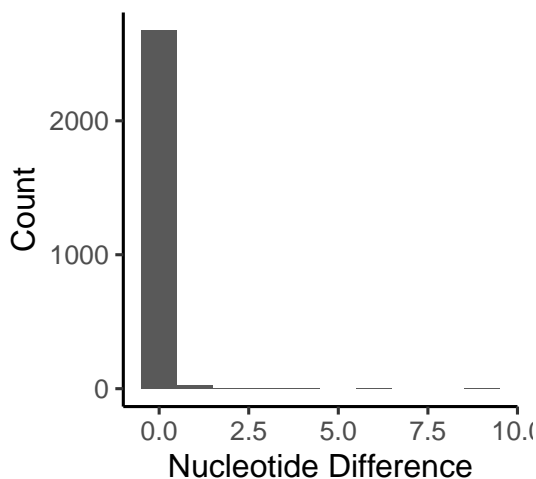
TRBV5-7*ap01

137 sequences assigned
135 (98.5%) exact matches, in which:
133 unique CDR3
13 unique J



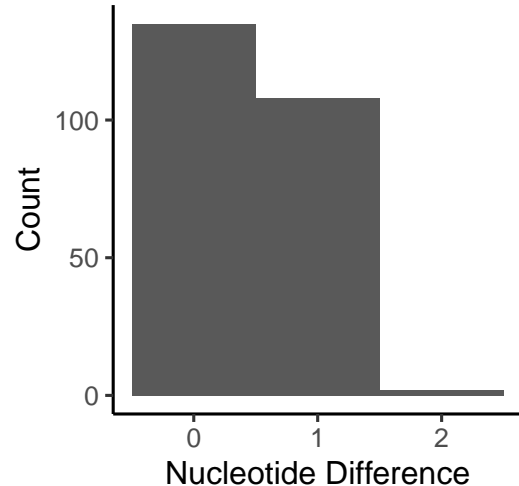
TRBV6-4*ap01

2710 sequences assigned
2675 (98.7%) exact matches, in which:
2660 unique CDR3
13 unique J



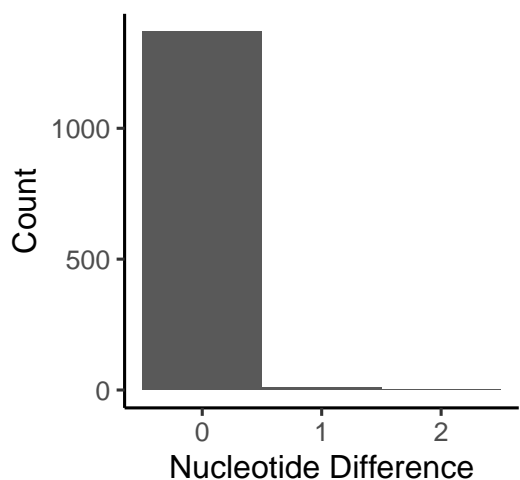
TRBV6-9*ap01

245 sequences assigned
135 (55.1%) exact matches, in which:
133 unique CDR3
12 unique J



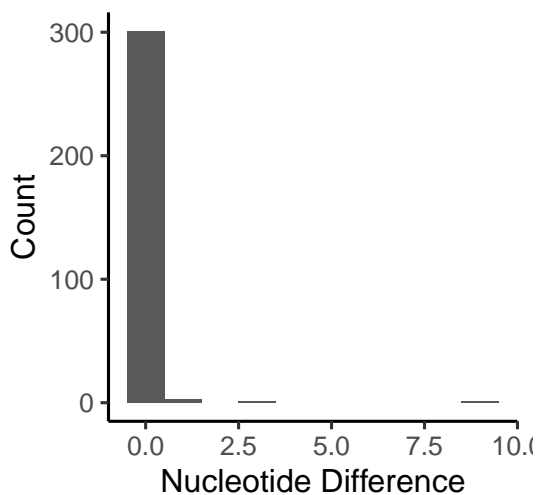
TRBV5-8*ap01

1378 sequences assigned
1369 (99.3%) exact matches, in which:
1354 unique CDR3
13 unique J



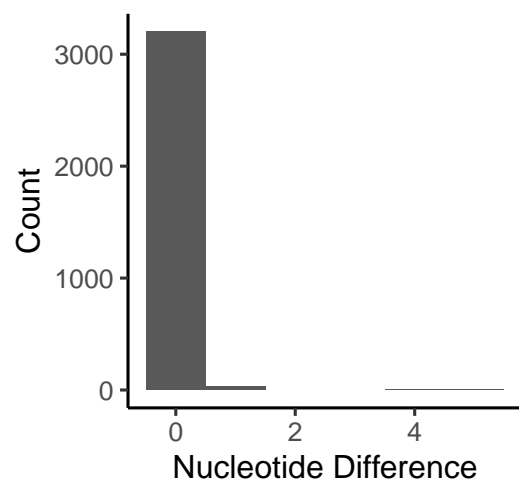
TRBV6-7*ap01

306 sequences assigned
301 (98.4%) exact matches, in which:
299 unique CDR3
13 unique J



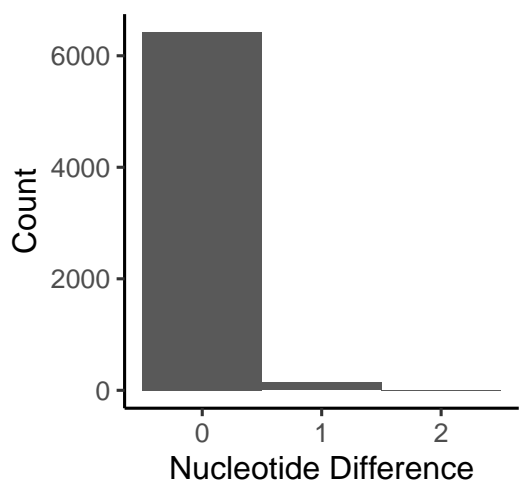
TRBV6-23*ap01

3230 sequences assigned
3201 (99.1%) exact matches, in which:
3138 unique CDR3
13 unique J



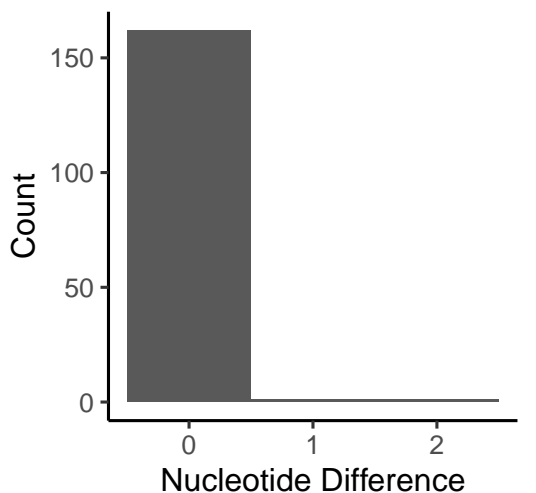
TRBV6-1*ap01

6566 sequences assigned
6425 (97.9%) exact matches, in which:
6283 unique CDR3
14 unique J



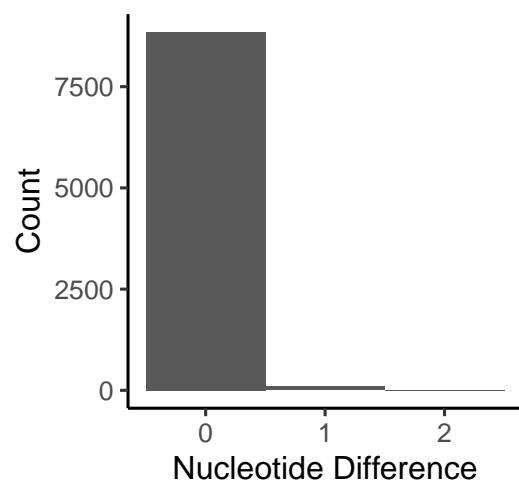
TRBV6-8*ap01

164 sequences assigned
162 (98.8%) exact matches, in which:
158 unique CDR3
13 unique J



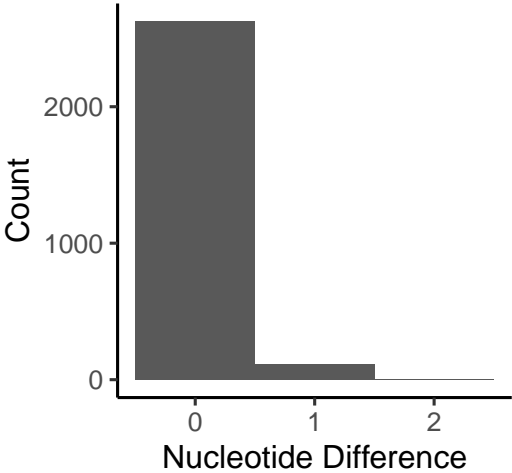
TRBV6-56*ap01

8946 sequences assigned
8850 (98.9%) exact matches, in which:
8640 unique CDR3
13 unique J



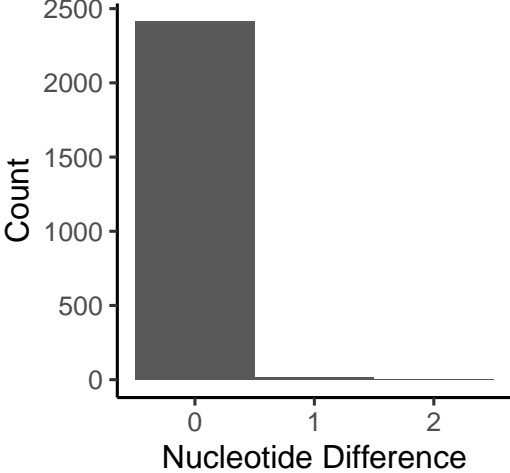
TRBV6-56*ap02

2736 sequences assigned
2625 (95.9%) exact matches, in which:
2575 unique CDR3
13 unique J



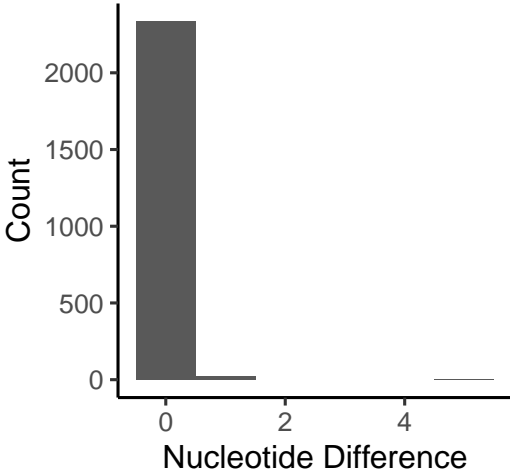
TRBV7-3*ap01

2434 sequences assigned
2414 (99.2%) exact matches, in which:
2396 unique CDR3
13 unique J



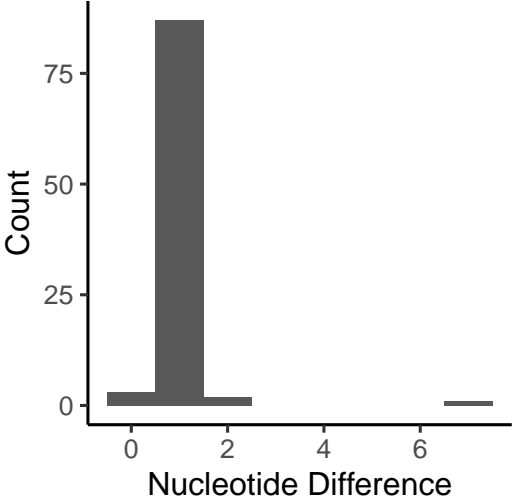
TRBV7-6*ap01

2356 sequences assigned
2335 (99.1%) exact matches, in which:
2308 unique CDR3
13 unique J



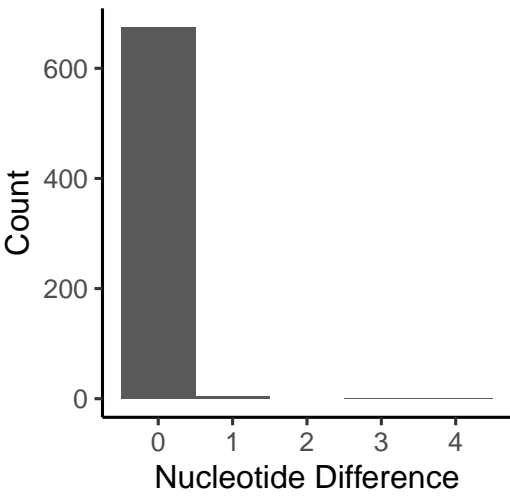
TRBV7-1*ap01_T296C

93 sequences assigned
3 (3.2%) exact matches, in which:
3 unique CDR3
3 unique J



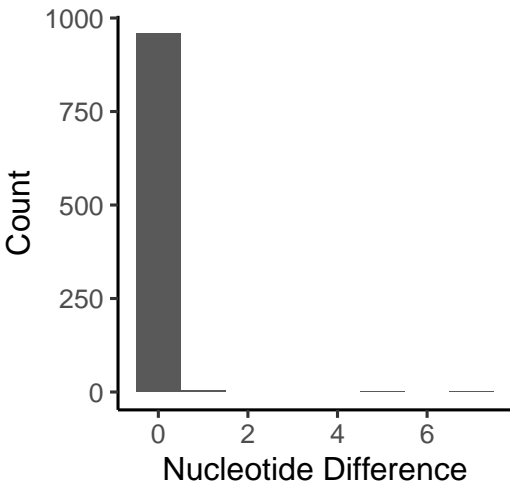
TRBV7-3*ap03

682 sequences assigned
675 (99%) exact matches, in which:
666 unique CDR3
13 unique J



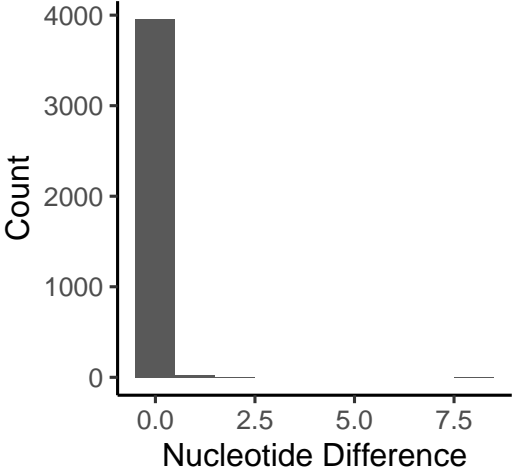
TRBV7-7*ap01_C315T

965 sequences assigned
958 (99.3%) exact matches, in which:
942 unique CDR3
13 unique J



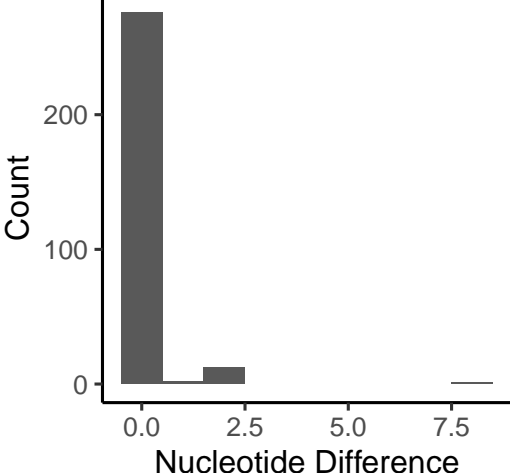
TRBV7-2*ap01

3986 sequences assigned
3957 (99.3%) exact matches, in which:
3919 unique CDR3
13 unique J



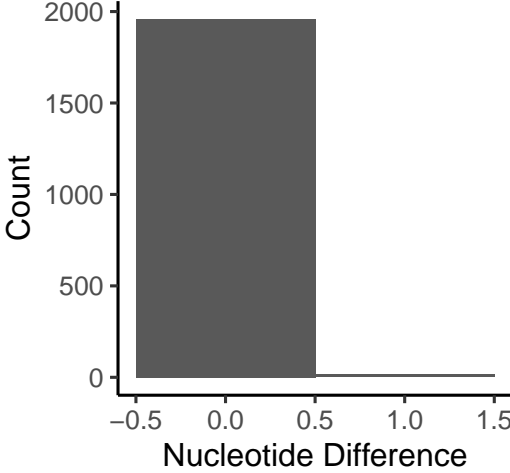
TRBV7-4*ap01

291 sequences assigned
276 (94.8%) exact matches, in which:
275 unique CDR3
13 unique J



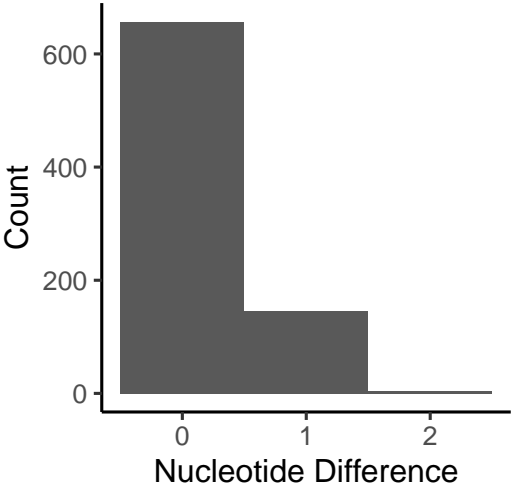
TRBV7-8*ap01

1974 sequences assigned
1959 (99.2%) exact matches, in which:
1931 unique CDR3
13 unique J



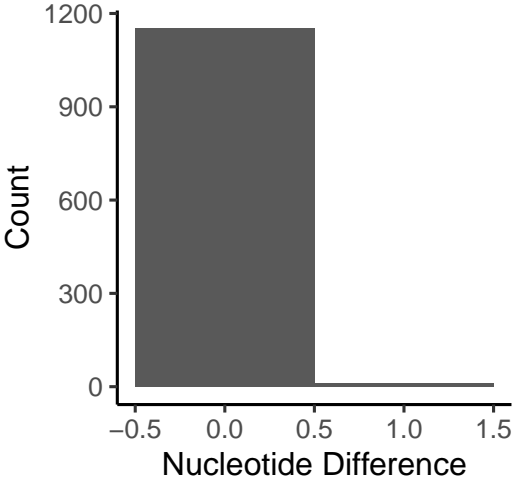
TRBV7-8*ap03

807 sequences assigned
657 (81.4%) exact matches, in which:
650 unique CDR3
13 unique J



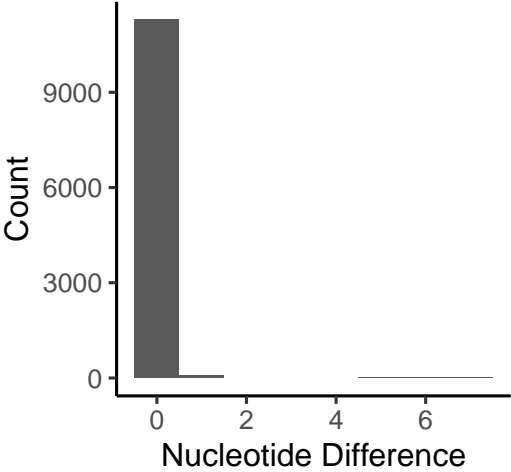
TRBV29-1*ap02

1164 sequences assigned
1152 (99%) exact matches, in which:
1124 unique CDR3
13 unique J



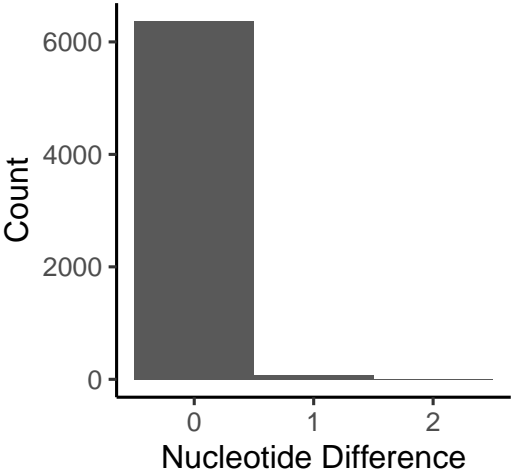
TRBV7-9*ap01

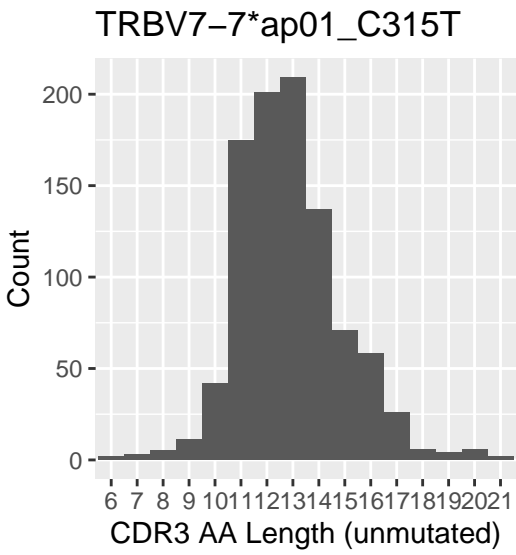
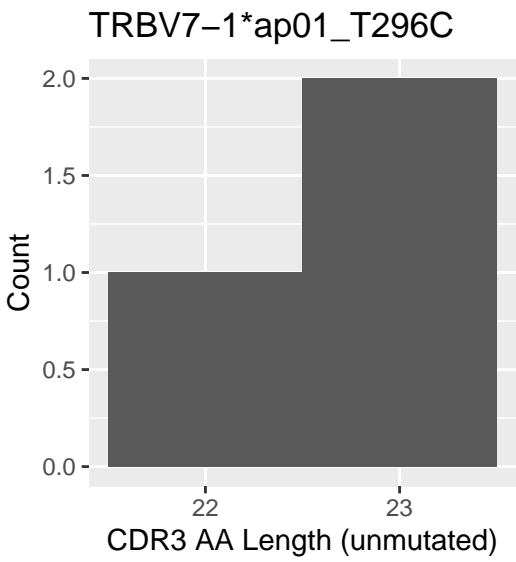
11359 sequences assigned
11286 (99.4%) exact matches, in which:
11178 unique CDR3
13 unique J



TRBV29-1*ap01

6454 sequences assigned
6371 (98.7%) exact matches, in which:
6183 unique CDR3
13 unique J







Warning – no inferred sequences found.

Warning – no inferred sequences found.