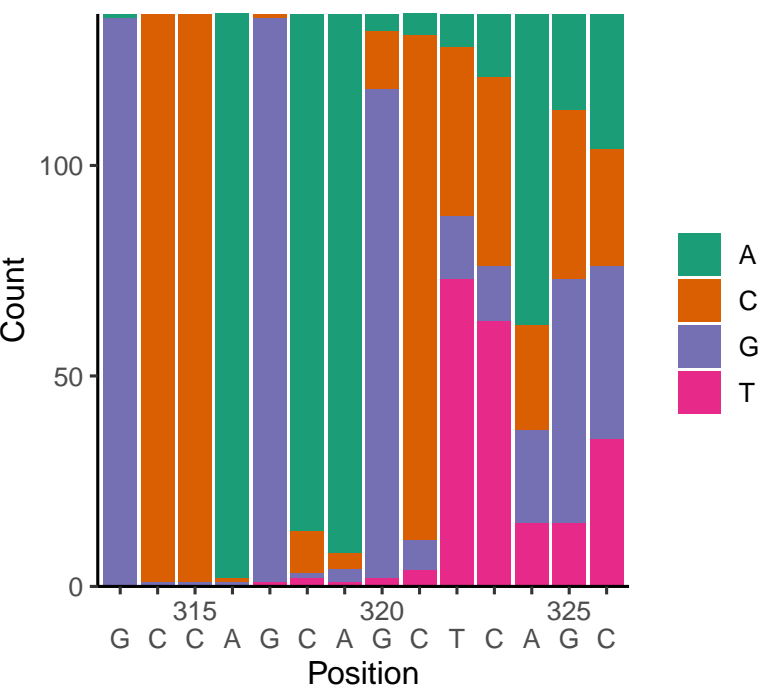
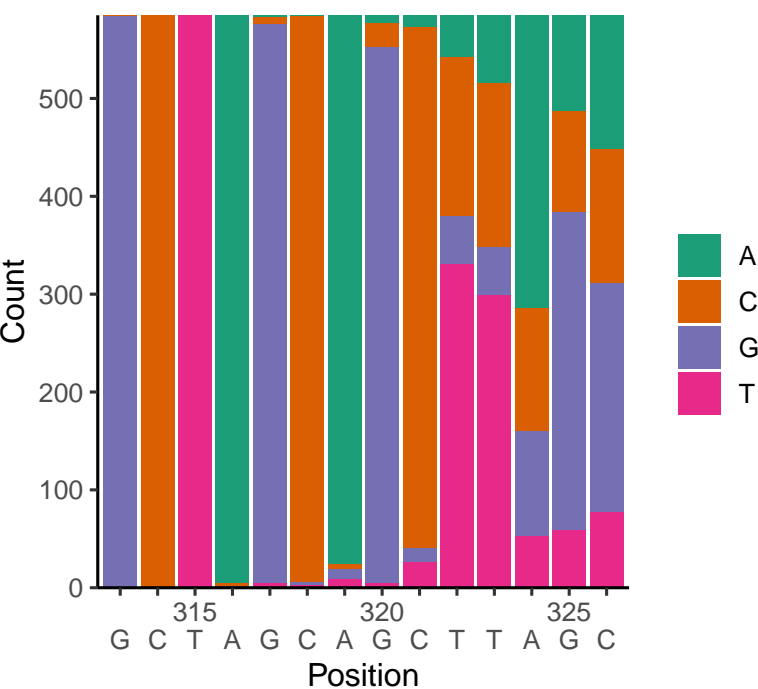


Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



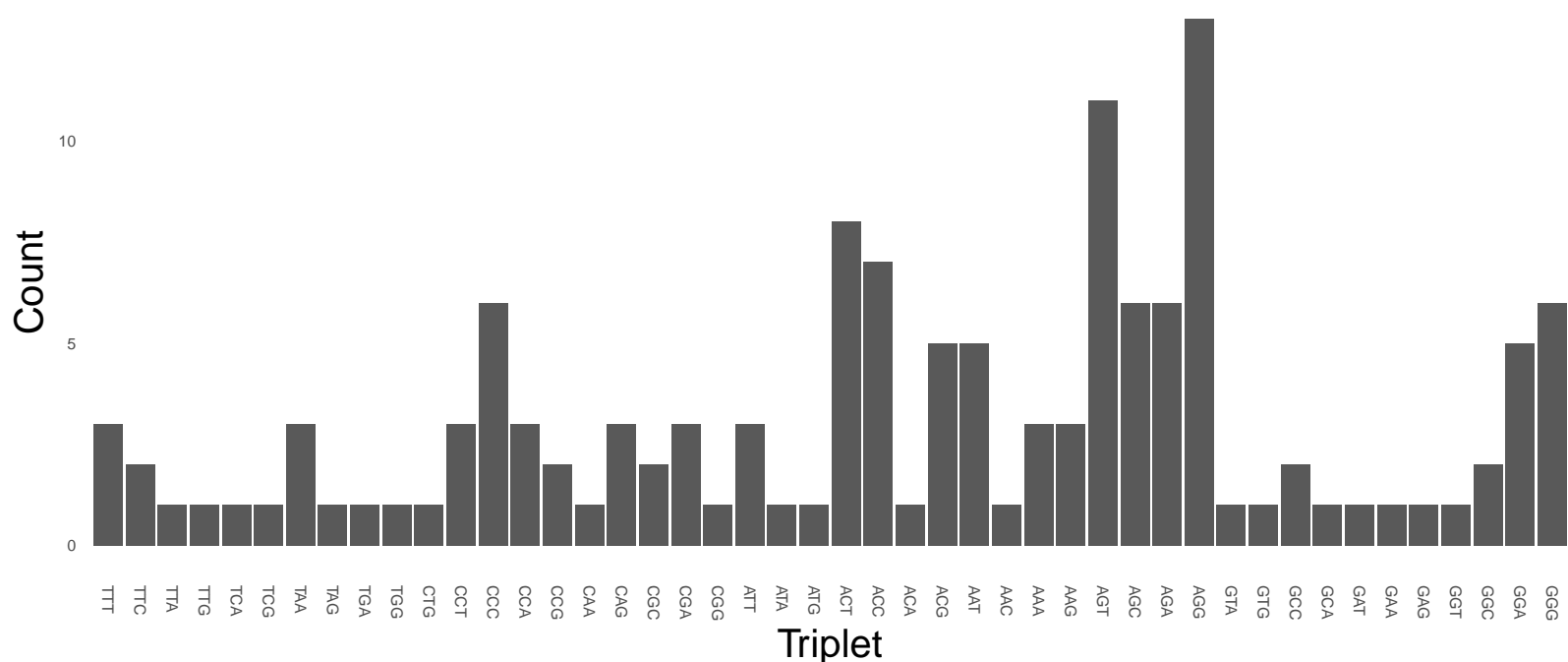
Gene TRBV7-1*ap01_G291C_T296C



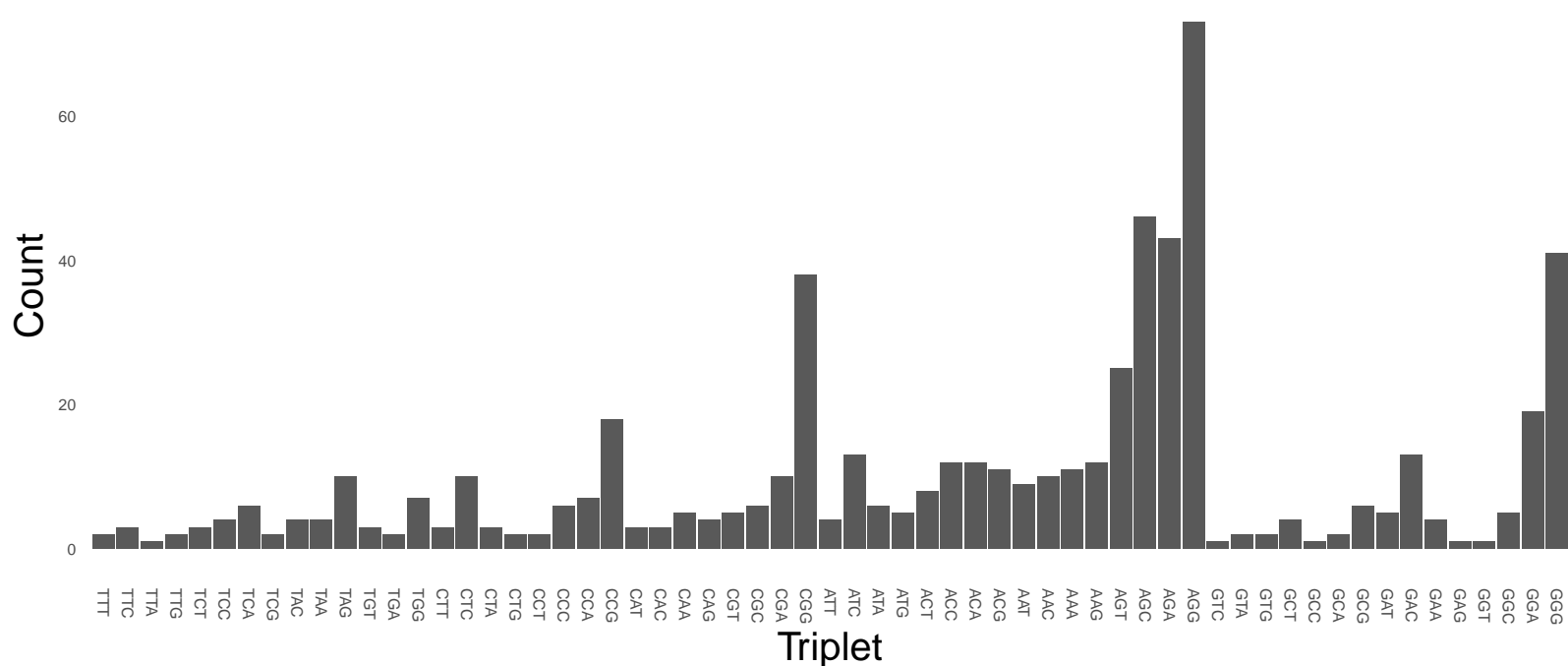
Gene TRBV7-7*ap01_C315T



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

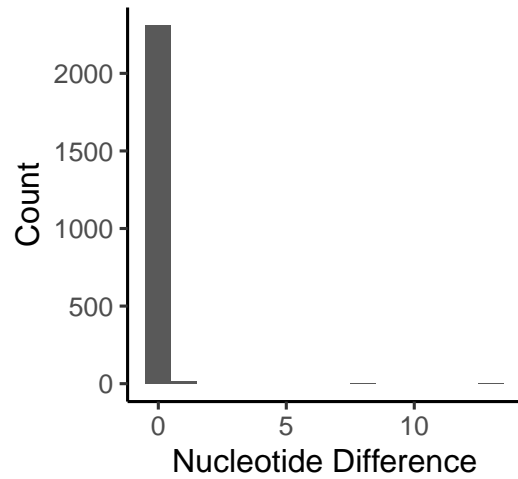


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



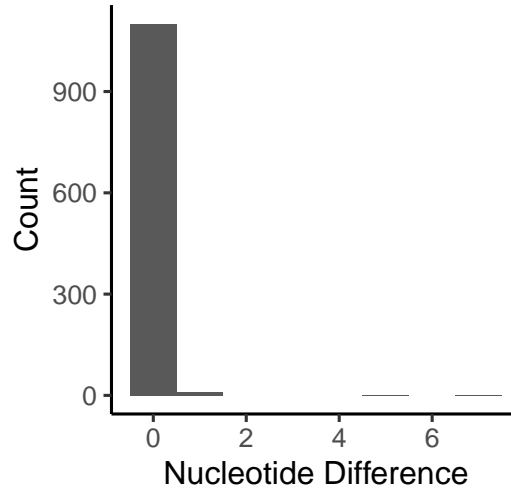
TRBV10-1*ap01

2330 sequences assigned
2309 (99.1%) exact matches, in which:
2273 unique CDR3
13 unique J



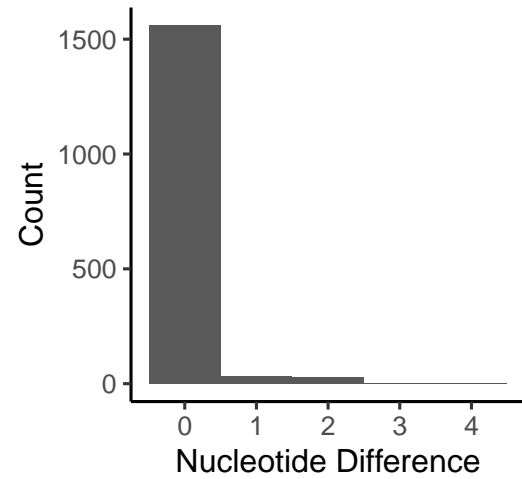
TRBV10-2*ap01

1114 sequences assigned
1101 (98.8%) exact matches, in which:
1092 unique CDR3
13 unique J



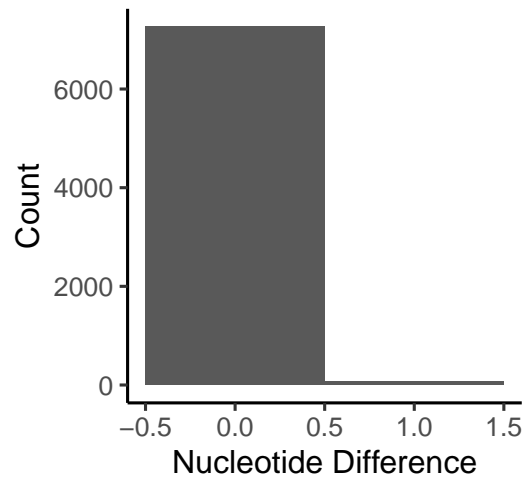
TRBV13*ap01

1622 sequences assigned
1560 (96.2%) exact matches, in which:
1533 unique CDR3
14 unique J



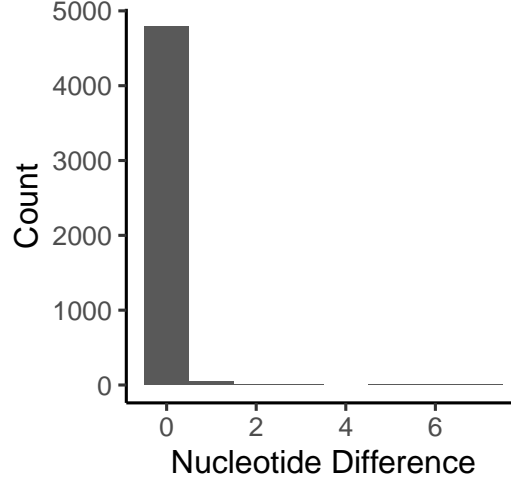
TRBV20-1*ap01

7326 sequences assigned
7263 (99.1%) exact matches, in which:
7204 unique CDR3
13 unique J



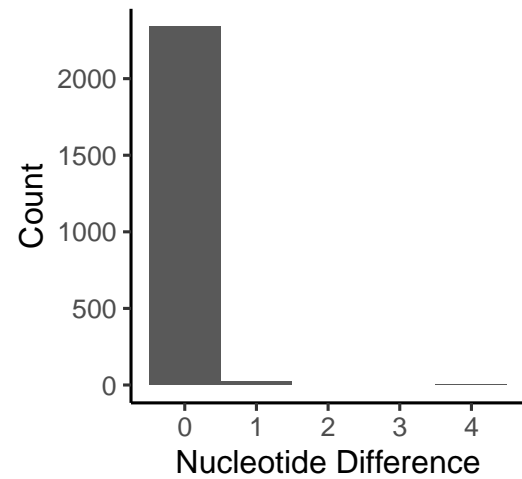
TRBV10-3*ap01

4844 sequences assigned
4788 (98.8%) exact matches, in which:
4728 unique CDR3
13 unique J



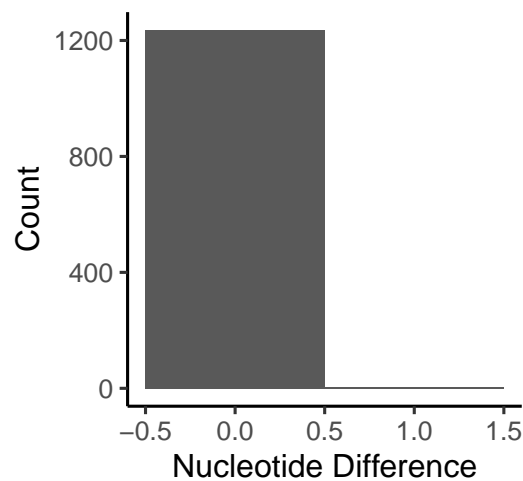
TRBV14*ap01

2361 sequences assigned
2339 (99.1%) exact matches, in which:
2318 unique CDR3
13 unique J



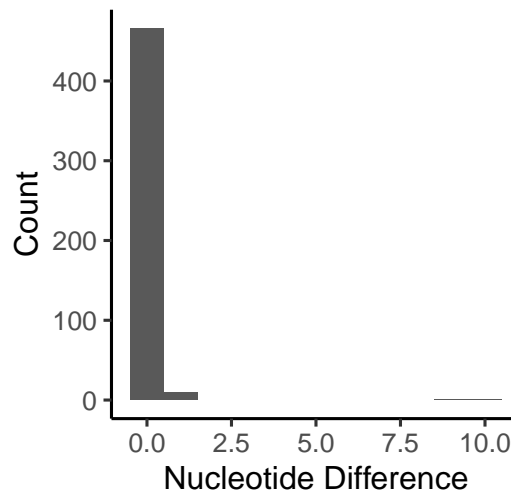
TRBV20-1*ap02

1241 sequences assigned
1236 (99.6%) exact matches, in which:
1215 unique CDR3
13 unique J



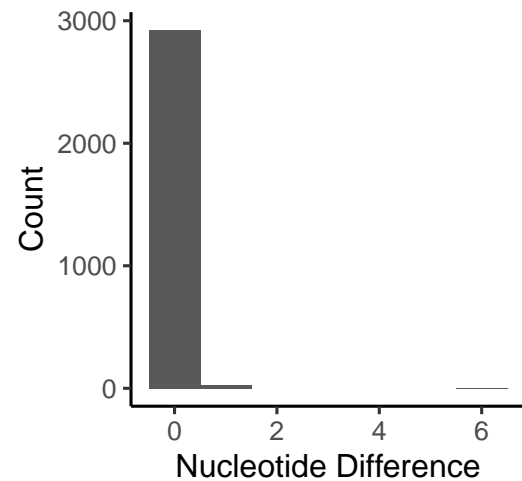
TRBV1*ap01

477 sequences assigned
466 (97.7%) exact matches, in which:
461 unique CDR3
13 unique J



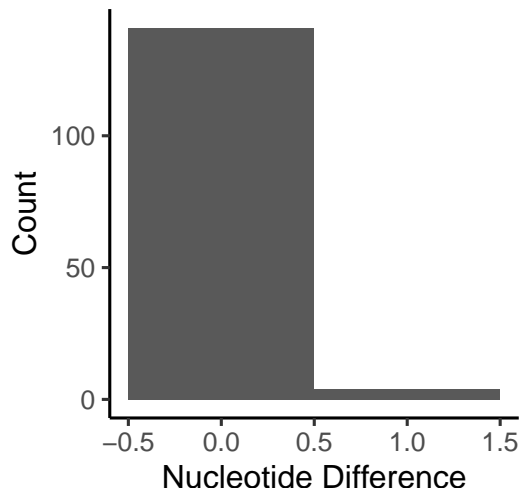
TRBV15*ap02

2953 sequences assigned
2924 (99%) exact matches, in which:
2883 unique CDR3
13 unique J



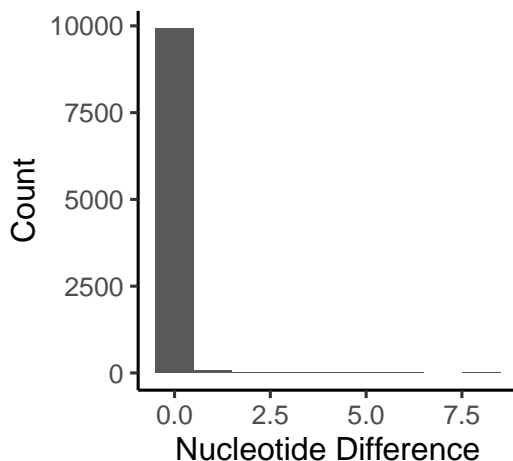
TRBV16*ap01

145 sequences assigned
141 (97.2%) exact matches, in which:
137 unique CDR3
13 unique J



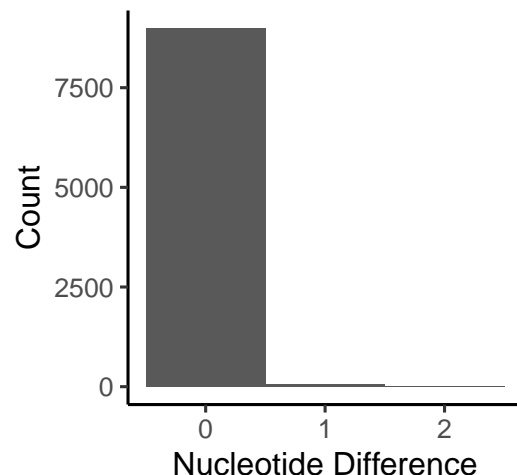
TRBV19*ap01

10017 sequences assigned
9934 (99.2%) exact matches, in which:
9884 unique CDR3
13 unique J



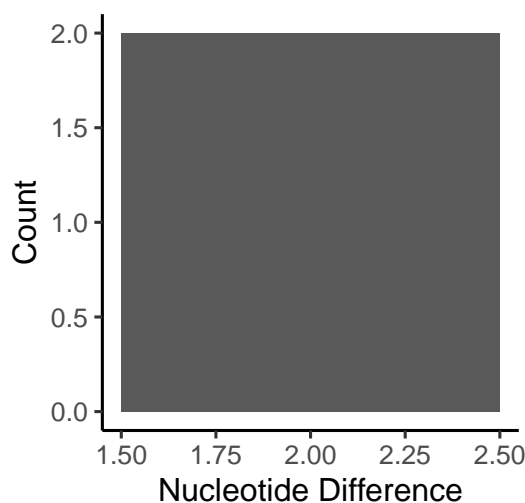
TRBV28*ap01

9057 sequences assigned
8987 (99.2%) exact matches, in which:
8912 unique CDR3
13 unique J



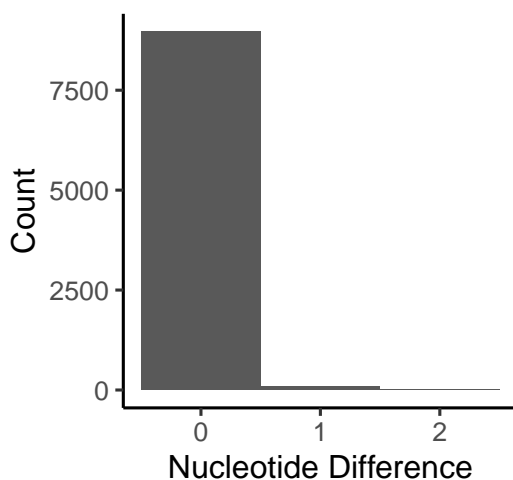
TRBV17*ap01

2 sequences assigned
No exact matches.



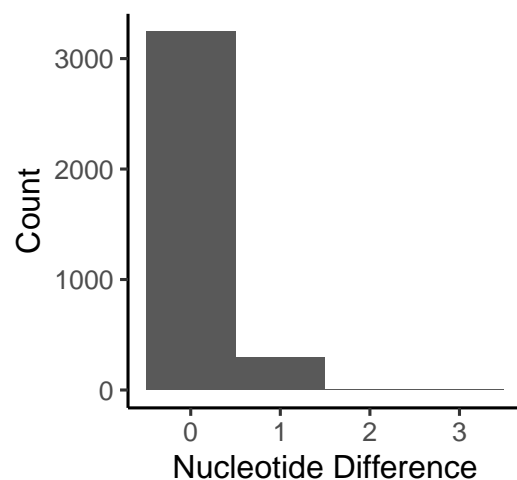
TRBV2*ap01

9065 sequences assigned
8963 (98.9%) exact matches, in which:
8847 unique CDR3
13 unique J



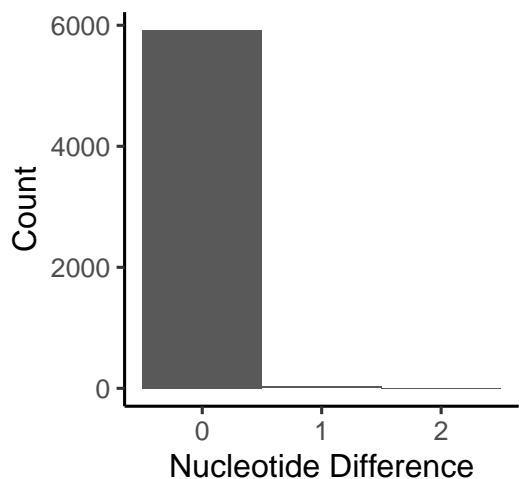
TRBV30*ap01

3540 sequences assigned
3243 (91.6%) exact matches, in which:
3180 unique CDR3
13 unique J



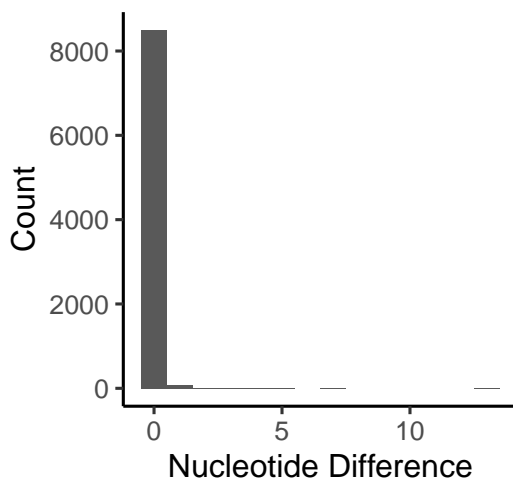
TRBV18*ap01

5951 sequences assigned
5921 (99.5%) exact matches, in which:
5883 unique CDR3
13 unique J



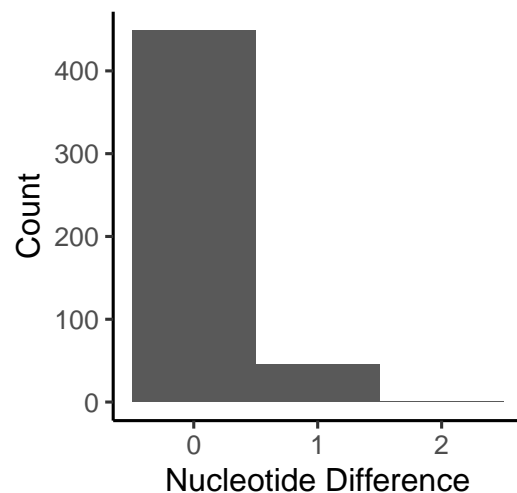
TRBV27*ap01

8583 sequences assigned
8497 (99%) exact matches, in which:
8395 unique CDR3
13 unique J



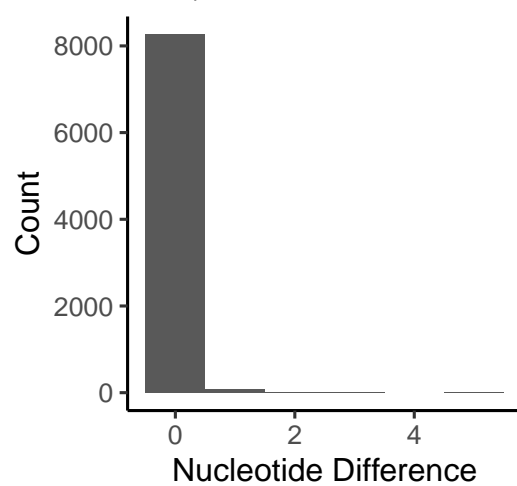
TRBV30*ap03

495 sequences assigned
449 (90.7%) exact matches, in which:
437 unique CDR3
13 unique J



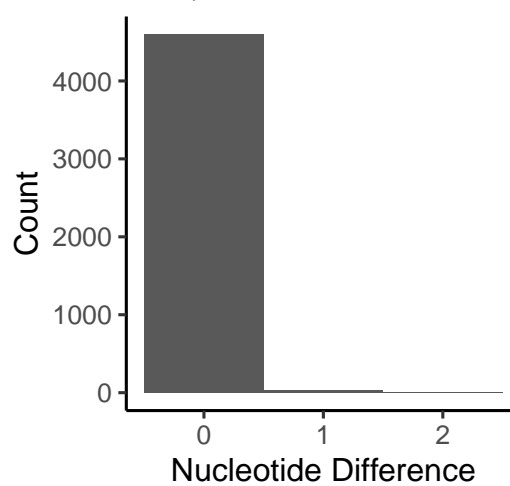
TRBV9*ap01

8351 sequences assigned
8265 (99%) exact matches, in which:
8208 unique CDR3
13 unique J



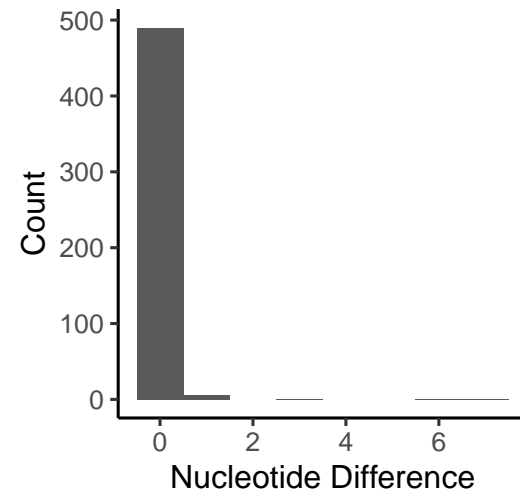
TRBV11-2*ap01

4635 sequences assigned
4597 (99.2%) exact matches, in which:
4560 unique CDR3
13 unique J



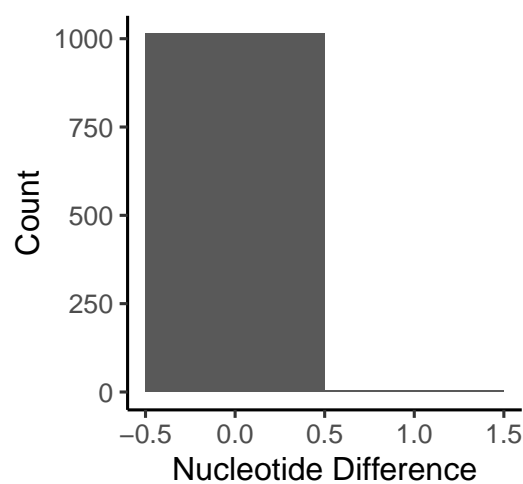
TRBV12-2*ap01

499 sequences assigned
490 (98.2%) exact matches, in which:
485 unique CDR3
13 unique J



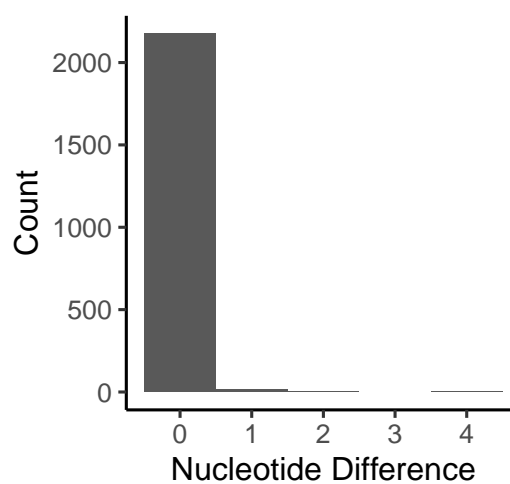
TRBV11-1*ap01

1017 sequences assigned
1014 (99.7%) exact matches, in which:
1009 unique CDR3
13 unique J



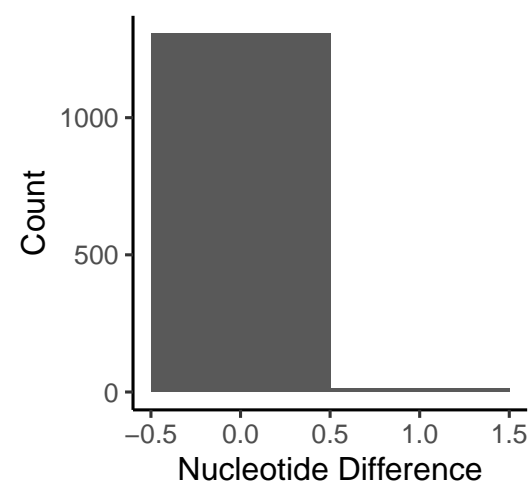
TRBV11-3*ap01

2194 sequences assigned
2175 (99.1%) exact matches, in which:
2154 unique CDR3
13 unique J



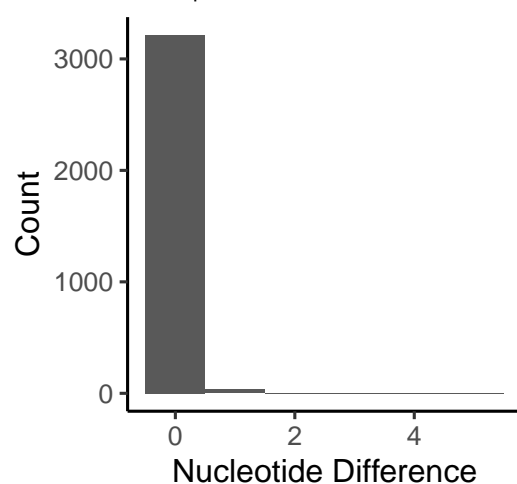
TRBV12-5*ap01

1318 sequences assigned
1306 (99.1%) exact matches, in which:
1291 unique CDR3
13 unique J



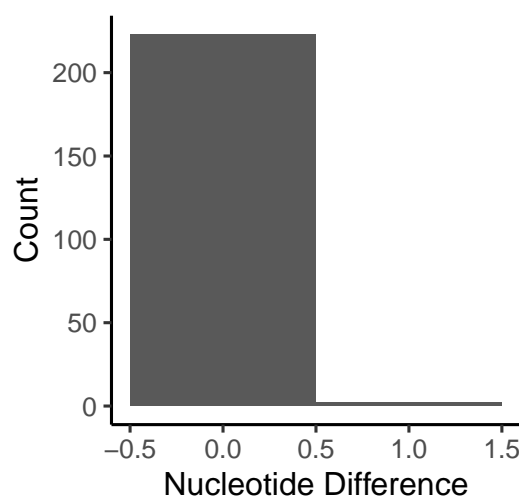
TRBV21-1*ap01

3261 sequences assigned
3214 (98.6%) exact matches, in which:
3190 unique CDR3
14 unique J



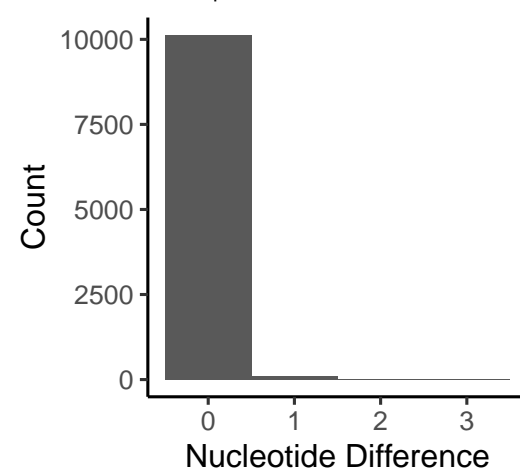
TRBV12-1*ap01

225 sequences assigned
223 (99.1%) exact matches, in which:
220 unique CDR3
13 unique J



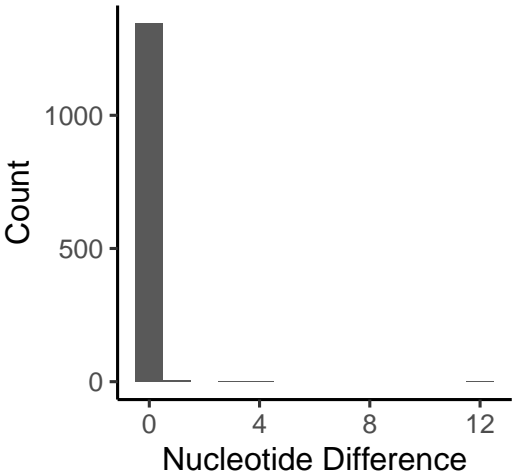
TRBV12-34*ap01

10243 sequences assigned
10134 (98.9%) exact matches, in which:
10003 unique CDR3
13 unique J



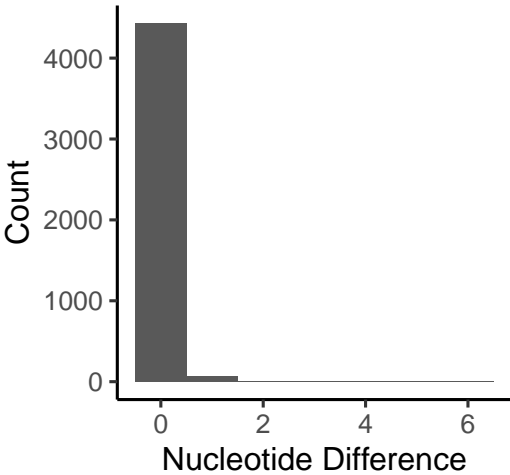
TRBV23-1*ap01

1355 sequences assigned
1345 (99.3%) exact matches, in which:
1333 unique CDR3
13 unique J



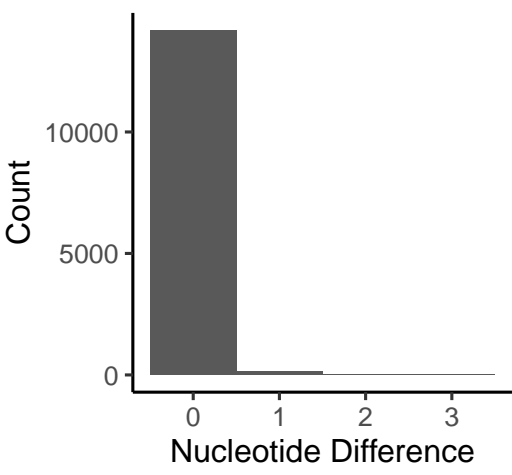
TRBV24-1*ap01

4503 sequences assigned
4429 (98.4%) exact matches, in which:
4354 unique CDR3
13 unique J



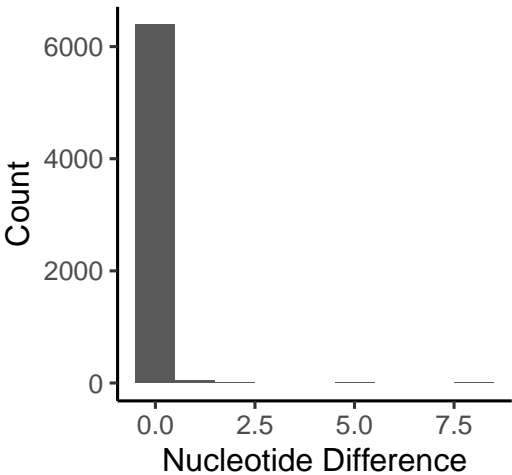
TRBV5-1*ap01

14351 sequences assigned
14191 (98.9%) exact matches, in which:
13995 unique CDR3
13 unique J



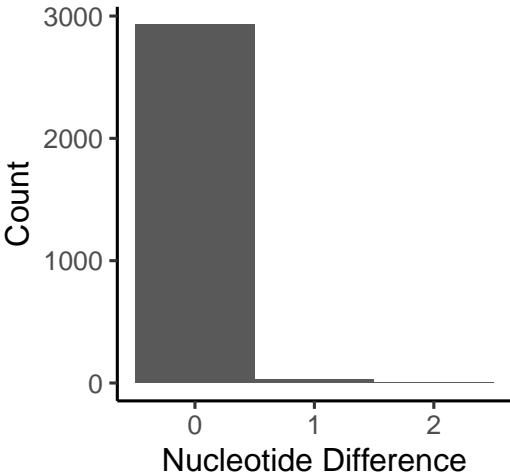
TRBV3-12*ap01

6432 sequences assigned
6390 (99.3%) exact matches, in which:
6349 unique CDR3
13 unique J



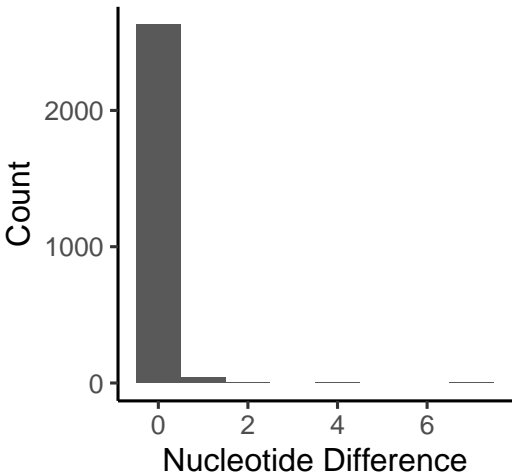
TRBV4-2*ap01

2961 sequences assigned
2929 (98.9%) exact matches, in which:
2891 unique CDR3
13 unique J



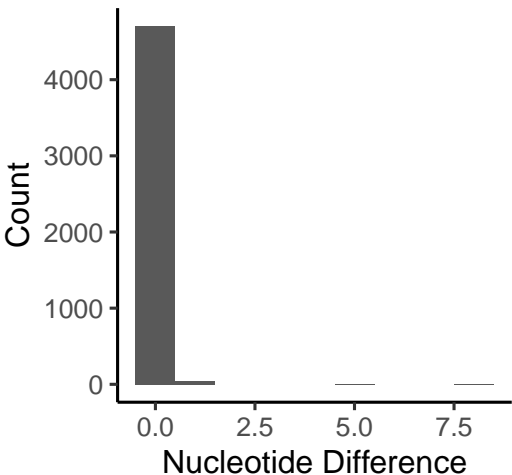
TRBV25-1*ap01

2677 sequences assigned
2629 (98.2%) exact matches, in which:
2577 unique CDR3
13 unique J



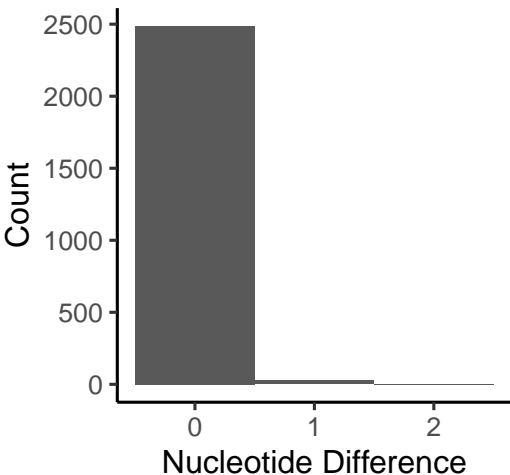
TRBV4-1*ap01

4748 sequences assigned
4704 (99.1%) exact matches, in which:
4634 unique CDR3
13 unique J



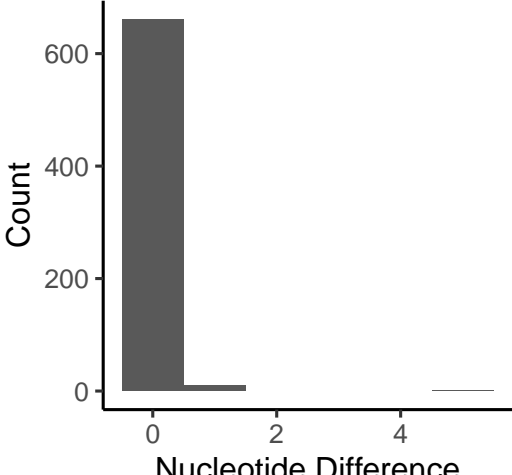
TRBV4-3*ap01

2514 sequences assigned
2487 (98.9%) exact matches, in which:
2442 unique CDR3
13 unique J



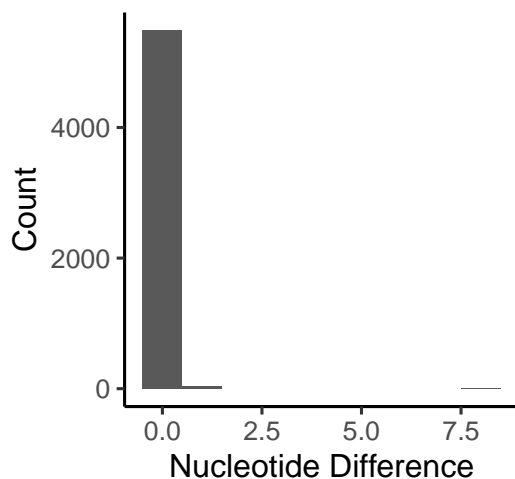
TRBV5-3*ap01

672 sequences assigned
661 (98.4%) exact matches, in which:
652 unique CDR3
13 unique J



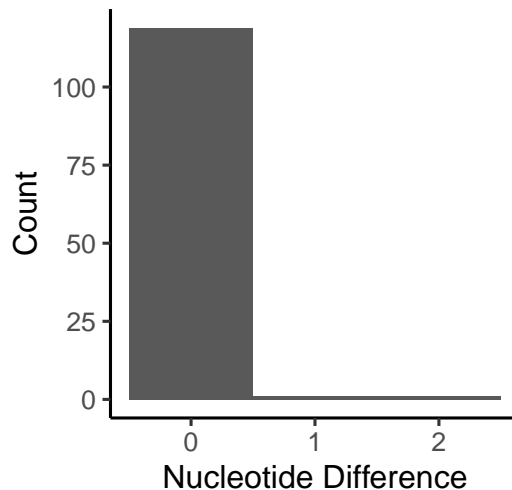
TRBV5-4*ap01

5531 sequences assigned
5487 (99.2%) exact matches, in which:
5421 unique CDR3
13 unique J



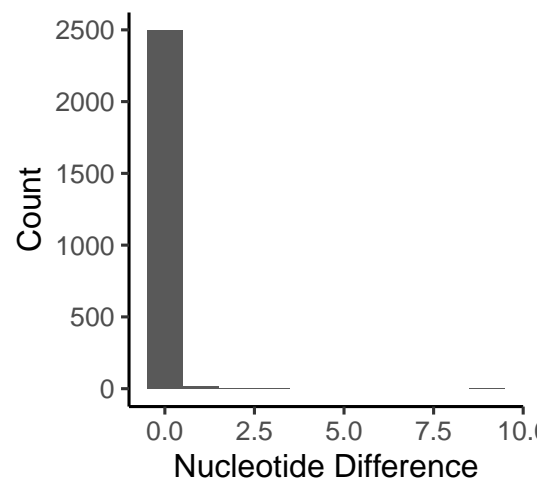
TRBV5-7*ap01

121 sequences assigned
119 (98.3%) exact matches, in which:
116 unique CDR3
13 unique J



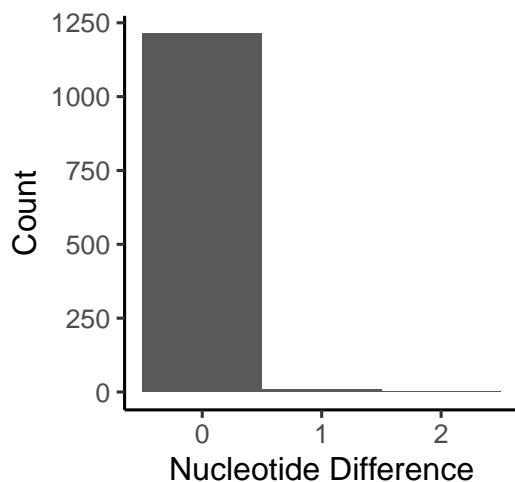
TRBV6-4*ap01

2520 sequences assigned
2496 (99%) exact matches, in which:
2470 unique CDR3
13 unique J



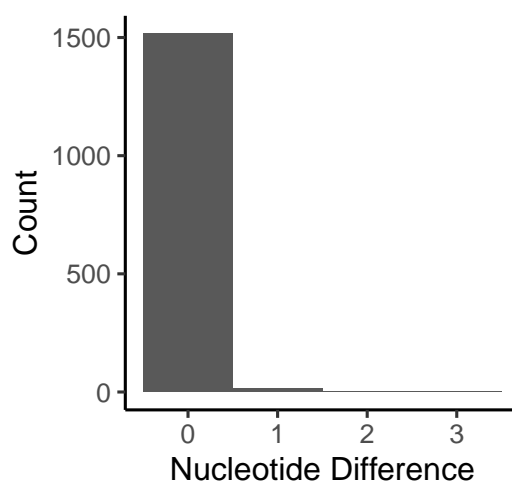
TRBV5-5*ap01

1224 sequences assigned
1213 (99.1%) exact matches, in which:
1205 unique CDR3
13 unique J



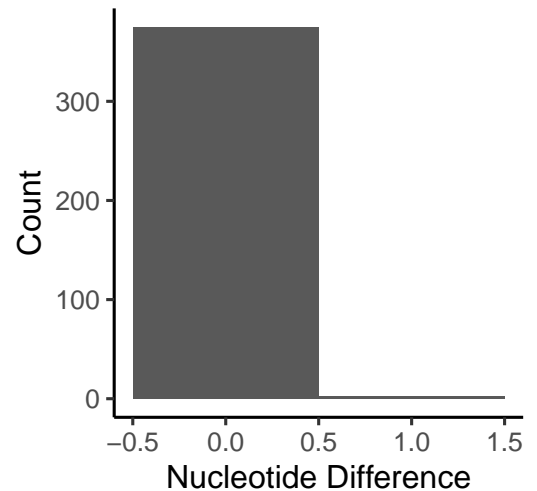
TRBV5-8*ap01

1536 sequences assigned
1516 (98.7%) exact matches, in which:
1507 unique CDR3
13 unique J



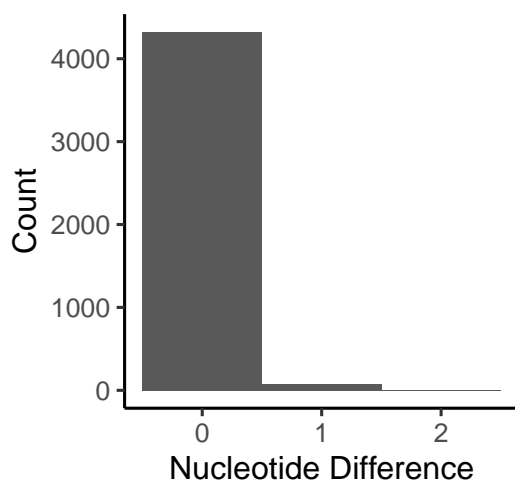
TRBV6-7*ap01

378 sequences assigned
375 (99.2%) exact matches, in which:
368 unique CDR3
13 unique J



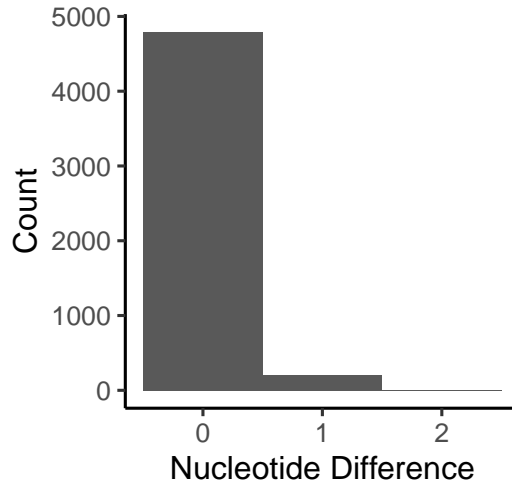
TRBV5-6*ap01

4400 sequences assigned
4322 (98.2%) exact matches, in which:
4230 unique CDR3
13 unique J



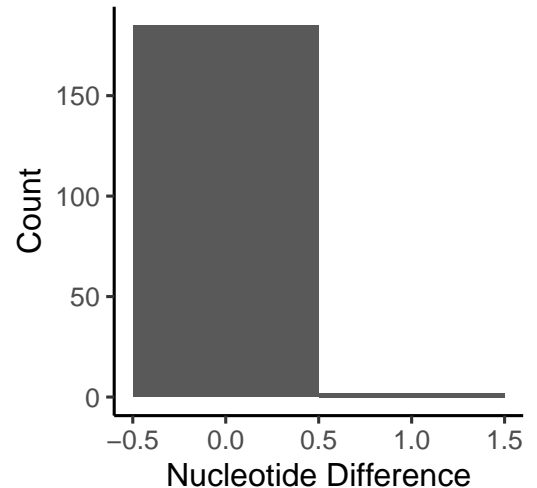
TRBV6-1*ap01

4996 sequences assigned
4791 (95.9%) exact matches, in which:
4713 unique CDR3
13 unique J



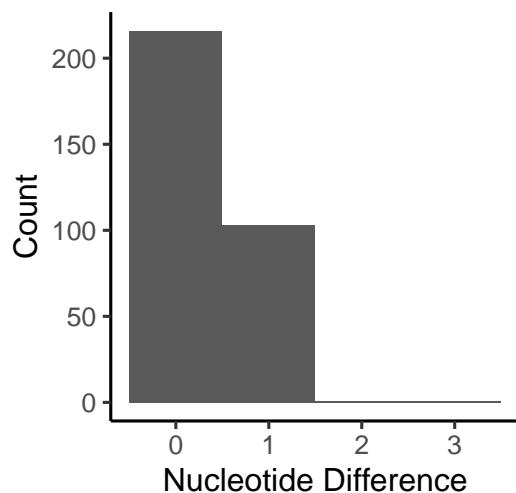
TRBV6-8*ap01

187 sequences assigned
185 (98.9%) exact matches, in which:
180 unique CDR3
12 unique J



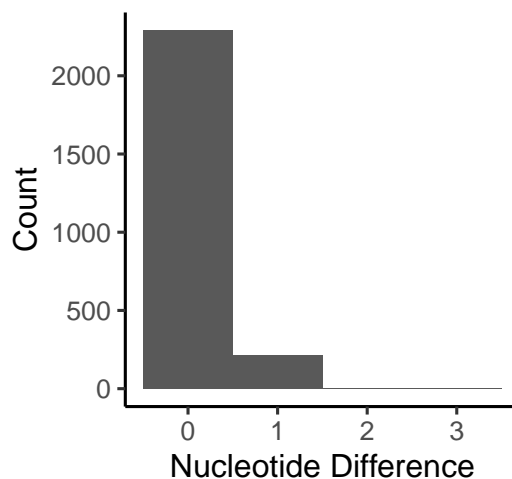
TRBV6-9*ap01

321 sequences assigned
216 (67.3%) exact matches, in which:
209 unique CDR3
13 unique J



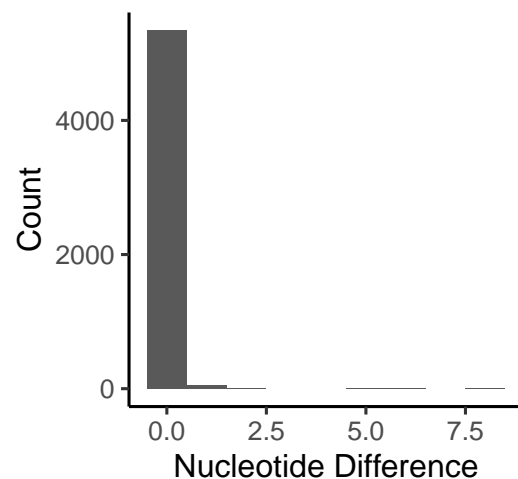
TRBV6-56*ap02

2510 sequences assigned
2290 (91.2%) exact matches, in which:
2245 unique CDR3
13 unique J



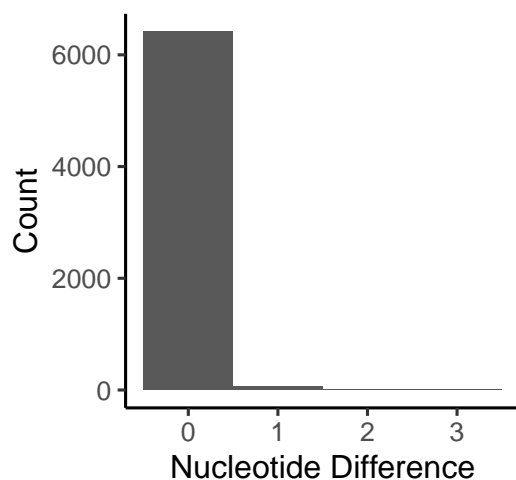
TRBV7-3*ap01

5403 sequences assigned
5342 (98.9%) exact matches, in which:
5296 unique CDR3
13 unique J



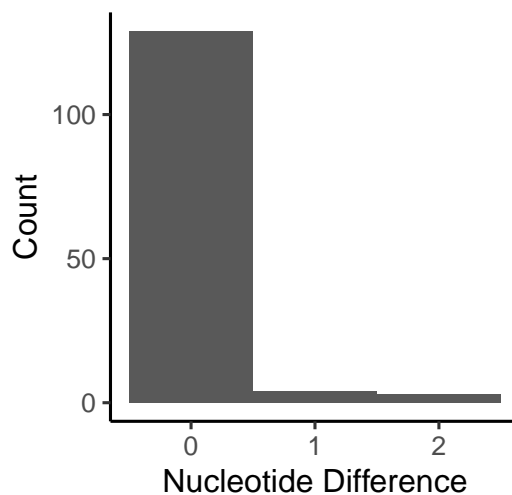
TRBV6-23*ap01

6484 sequences assigned
6414 (98.9%) exact matches, in which:
6260 unique CDR3
13 unique J



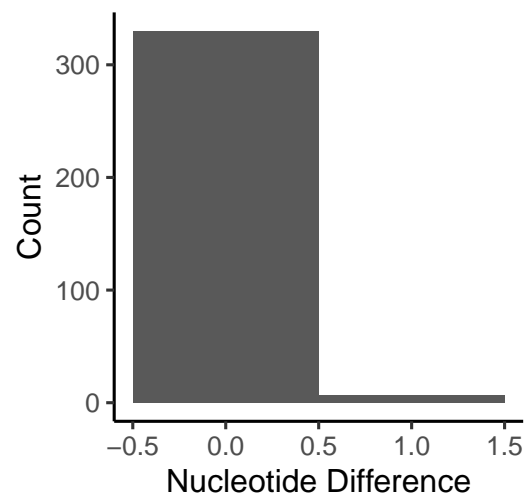
TRBV7-1*ap01_G291C_

136 sequences assigned
129 (94.9%) exact matches, in which:
127 unique CDR3
13 unique J



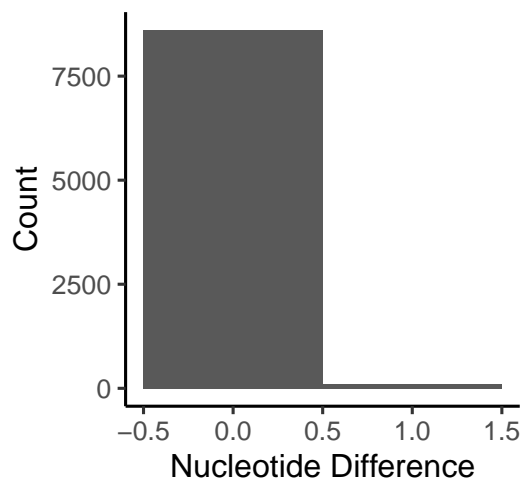
TRBV7-4*ap01

337 sequences assigned
330 (97.9%) exact matches, in which:
324 unique CDR3
13 unique J



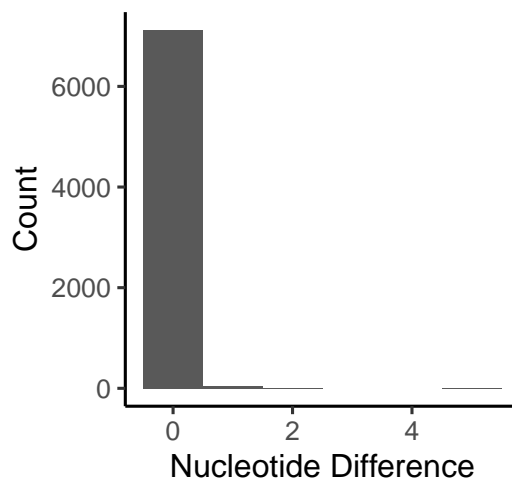
TRBV6-56*ap01

8706 sequences assigned
8607 (98.9%) exact matches, in which:
8421 unique CDR3
13 unique J



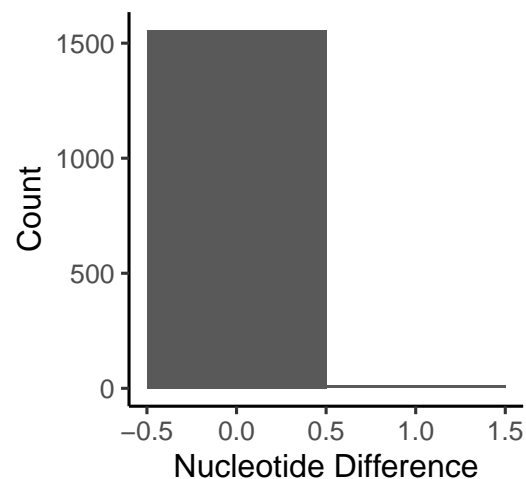
TRBV7-2*ap01

7166 sequences assigned
7120 (99.4%) exact matches, in which:
7062 unique CDR3
13 unique J



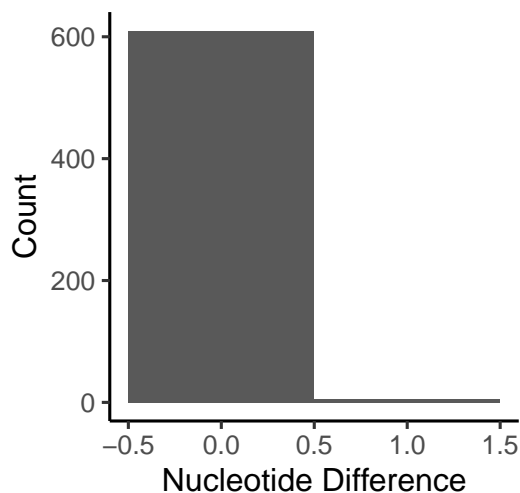
TRBV7-6*ap01

1569 sequences assigned
1557 (99.2%) exact matches, in which:
1544 unique CDR3
13 unique J



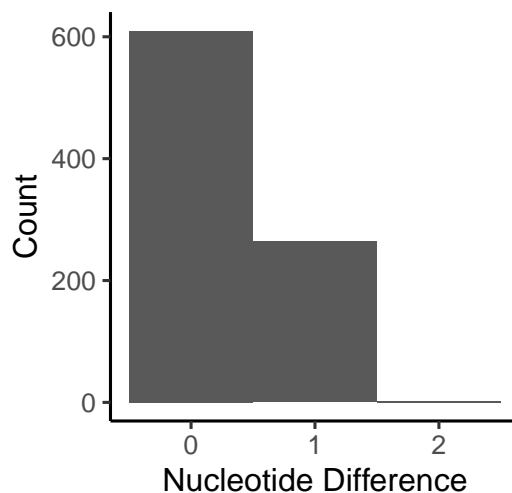
TRBV7-7*ap01

616 sequences assigned
610 (99%) exact matches, in which:
605 unique CDR3
13 unique J



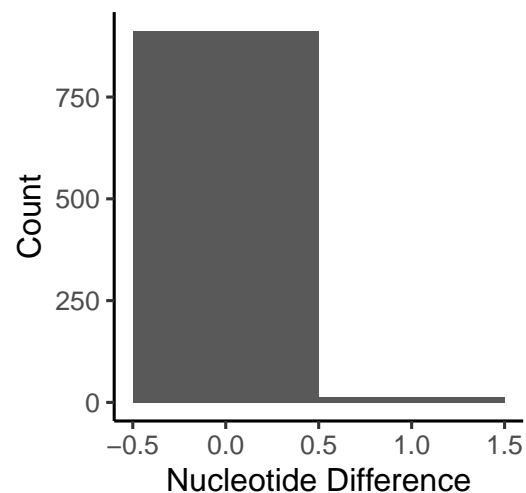
TRBV7-8*ap03

876 sequences assigned
610 (69.6%) exact matches, in which:
599 unique CDR3
13 unique J



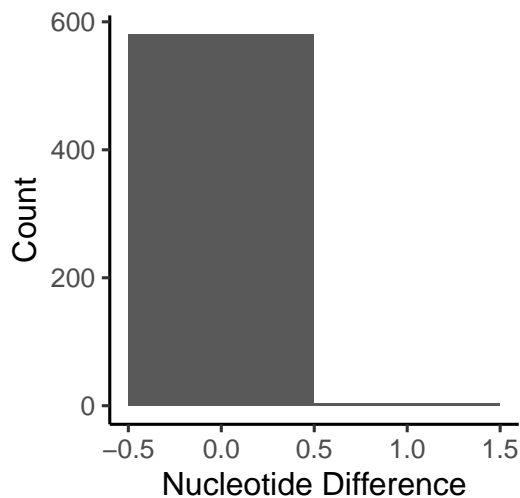
TRBV29-1*ap02

926 sequences assigned
913 (98.6%) exact matches, in which:
893 unique CDR3
13 unique J



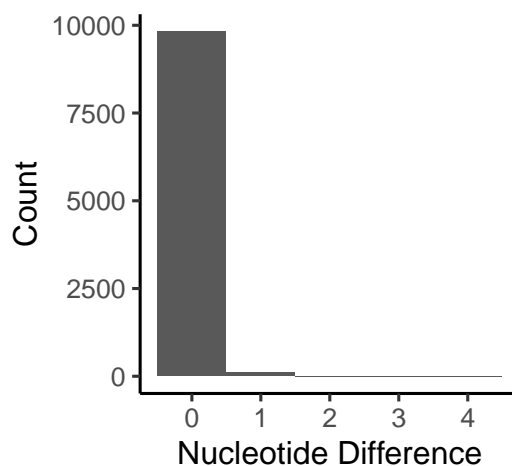
TRBV7-7*ap01_C315T

585 sequences assigned
581 (99.3%) exact matches, in which:
573 unique CDR3
13 unique J



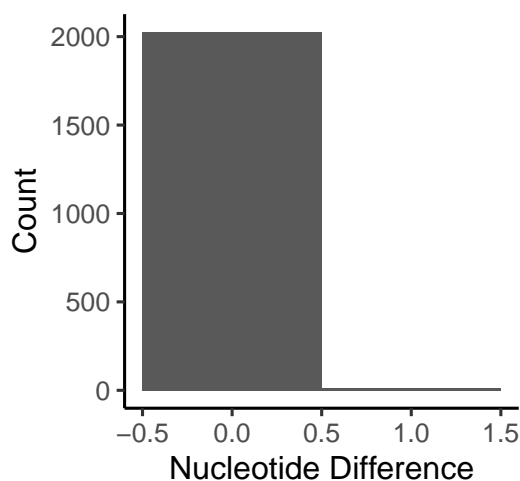
TRBV7-9*ap01

9933 sequences assigned
9824 (98.9%) exact matches, in which:
9730 unique CDR3
13 unique J



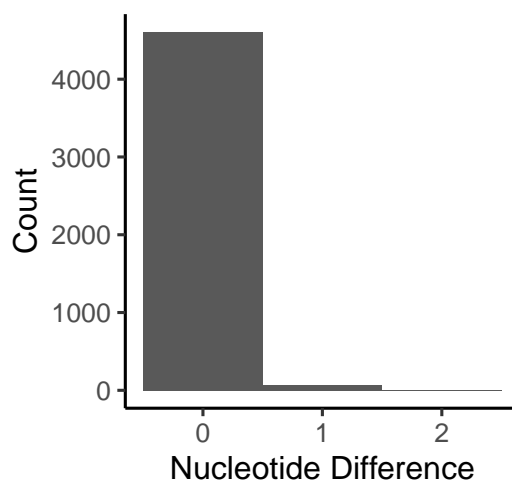
TRBV7-8*ap01

2039 sequences assigned
2026 (99.4%) exact matches, in which:
1999 unique CDR3
13 unique J

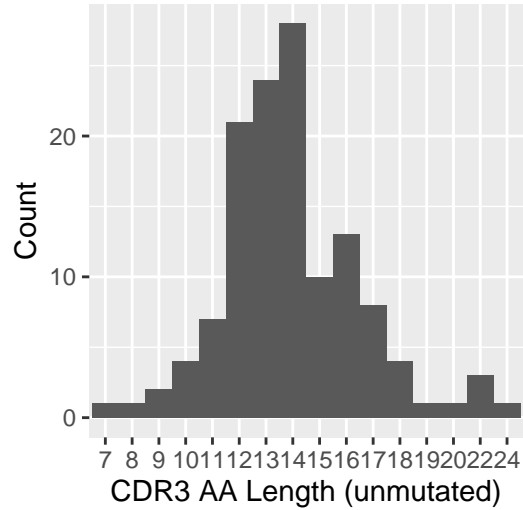


TRBV29-1*ap01

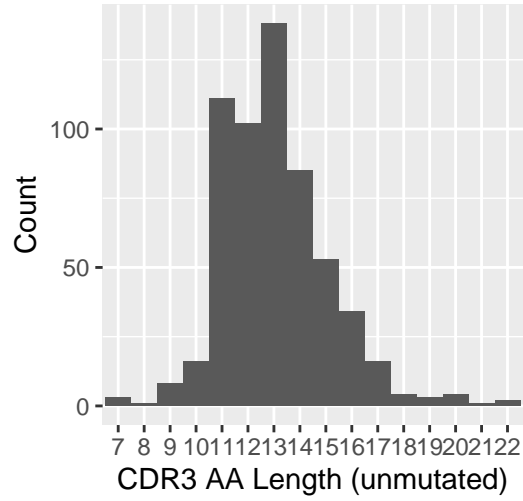
4677 sequences assigned
4606 (98.5%) exact matches, in which:
4485 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.