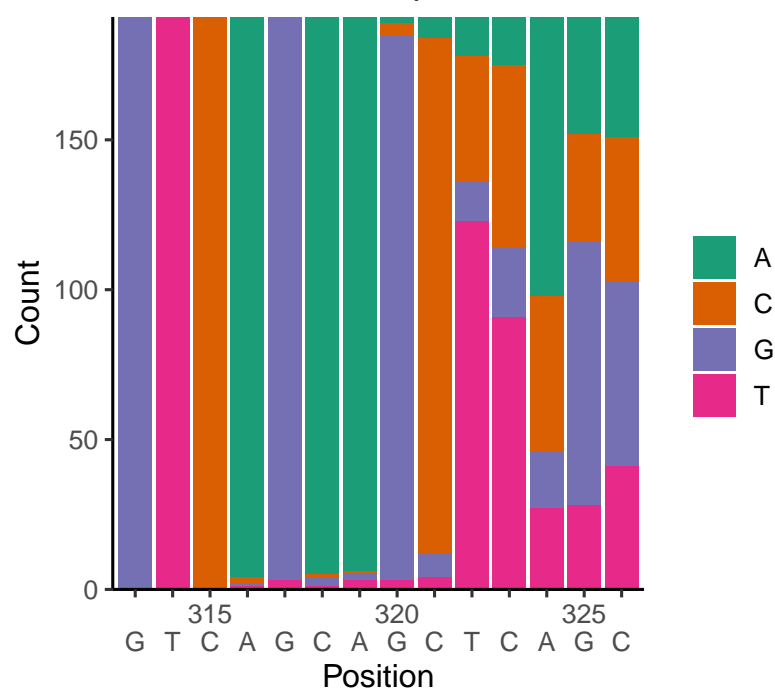
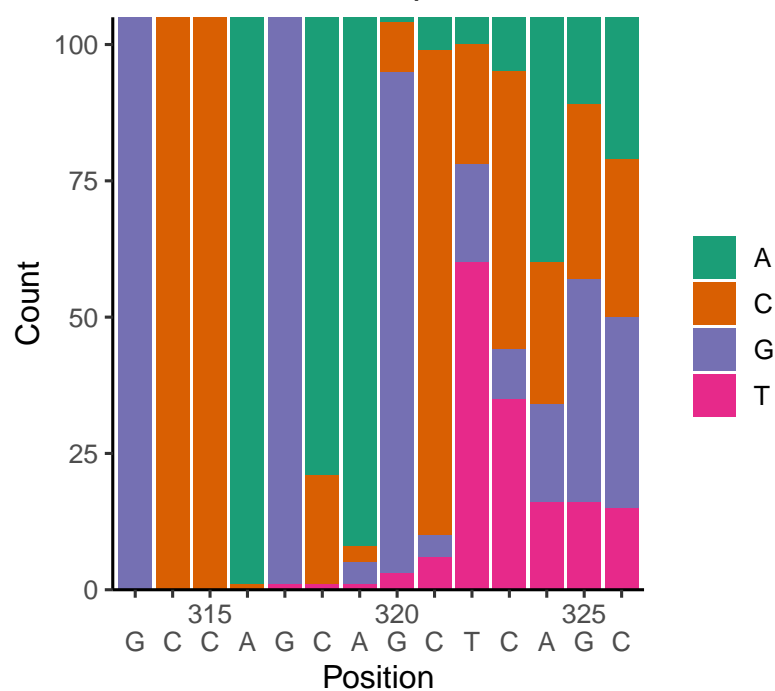


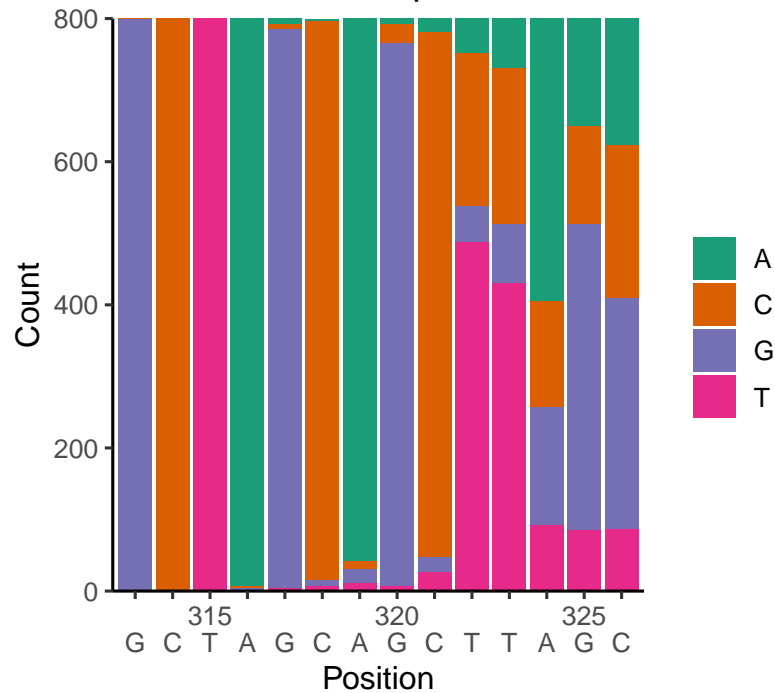
Gene TRBV7-1*ap01_G291C_T296C_C314T



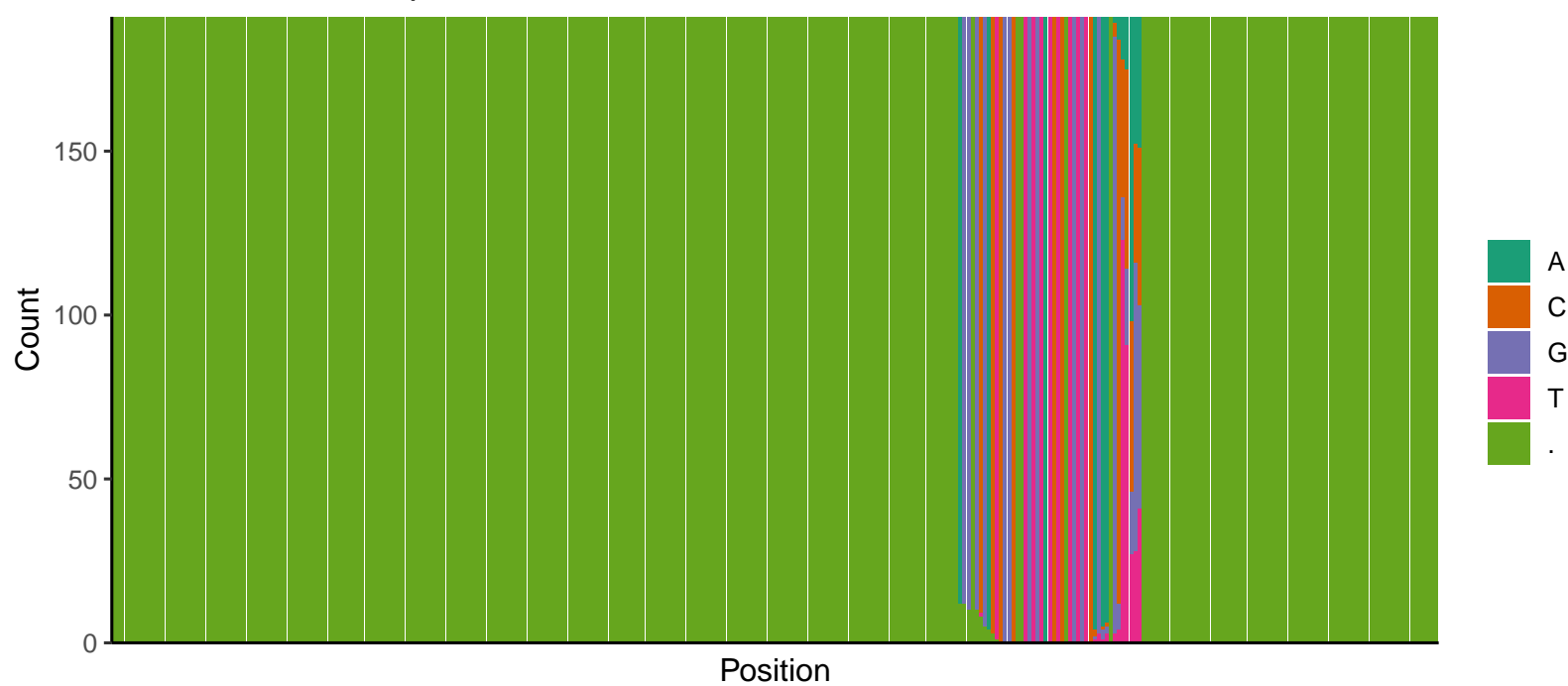
Gene TRBV7-1*ap01_G291C_T296C



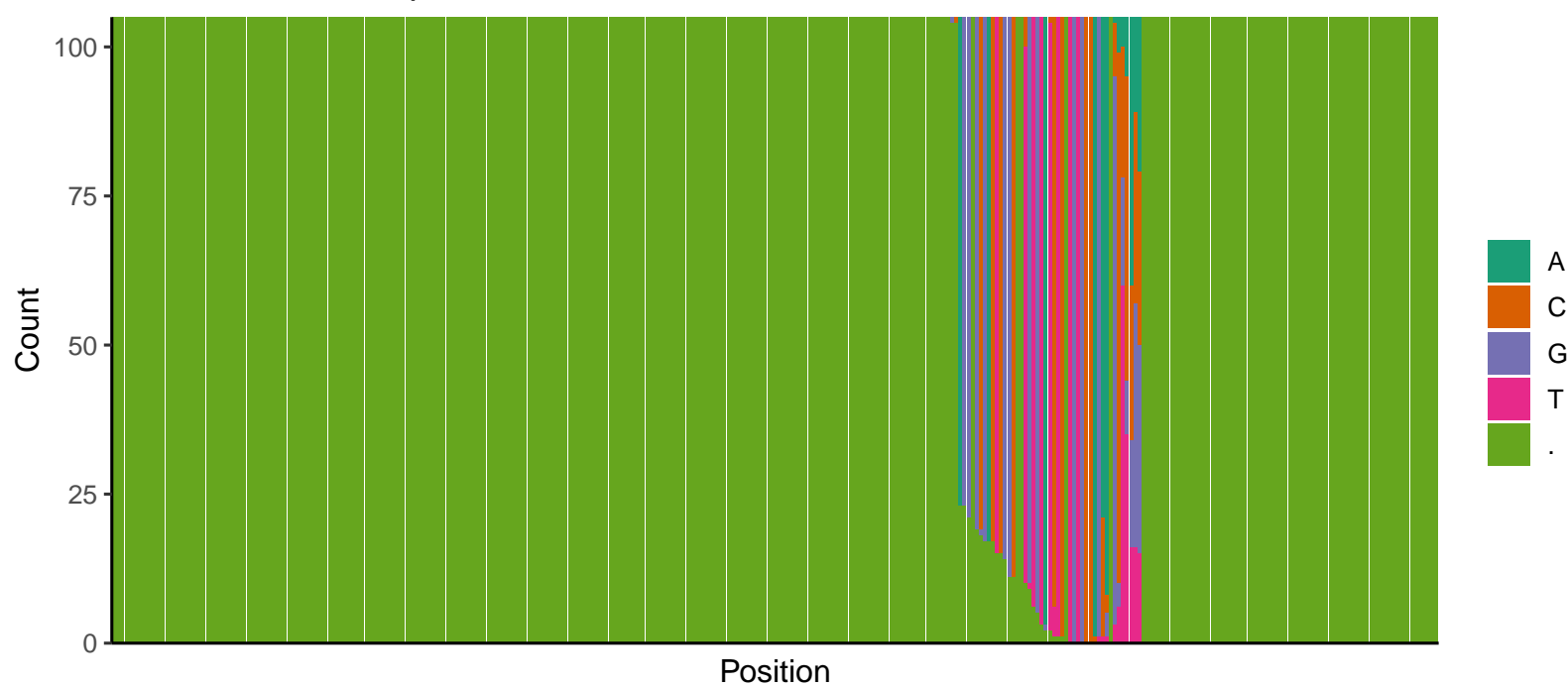
Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C_C314T



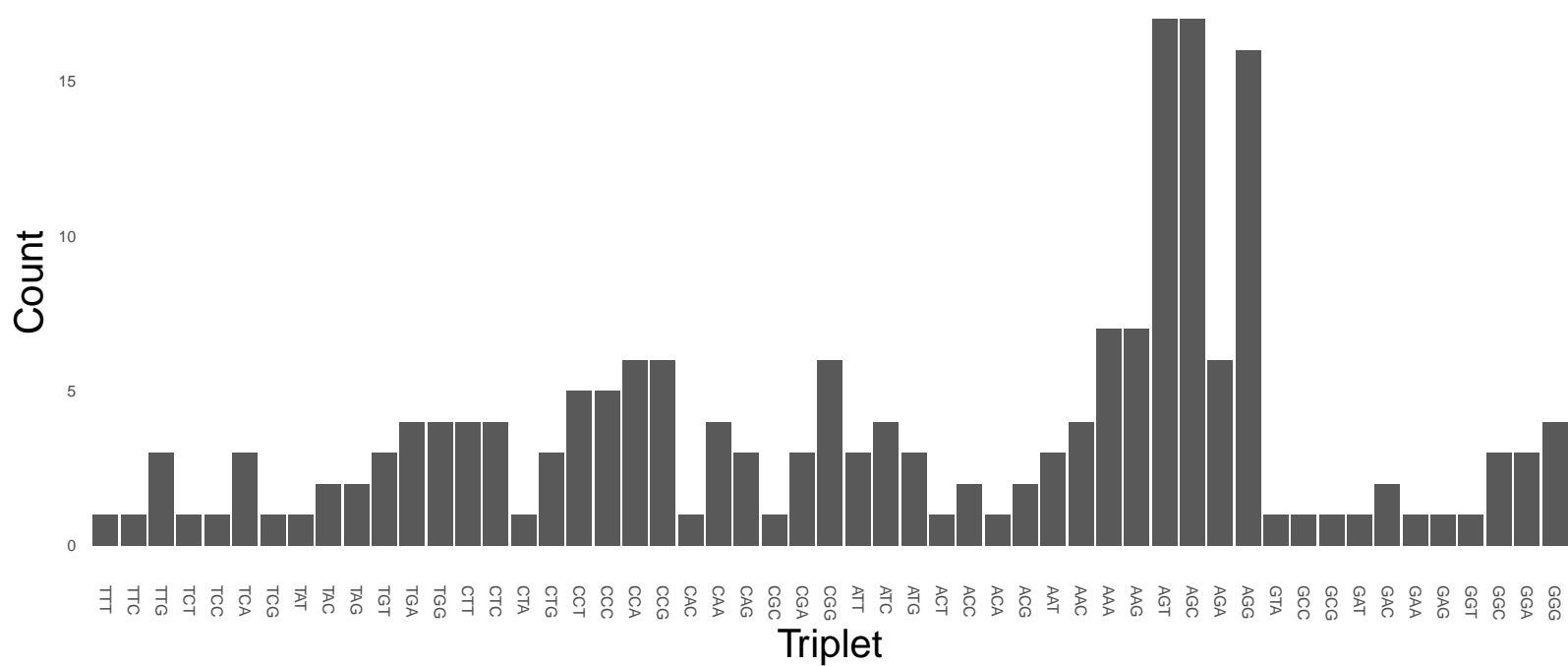
Gene TRBV7-1*ap01_G291C_T296C



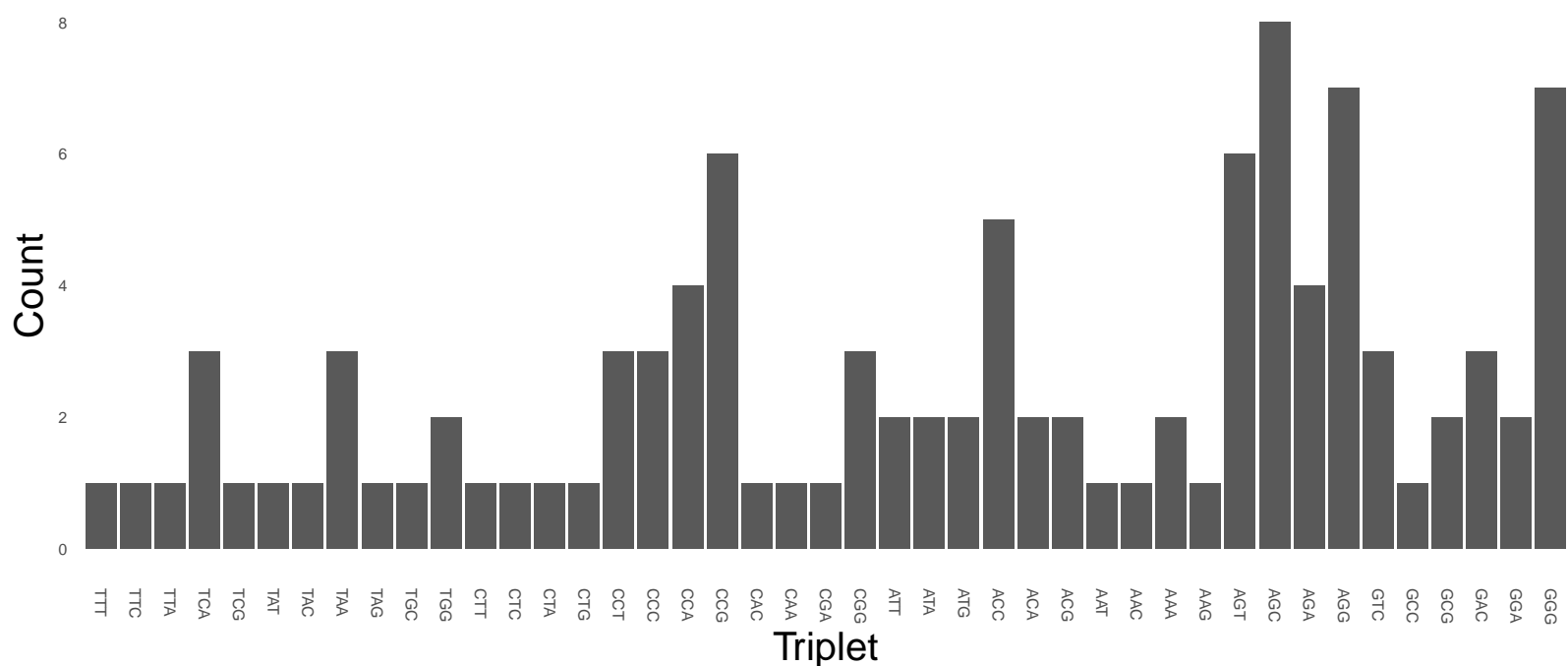
Gene TRBV7-7*ap01_C315T



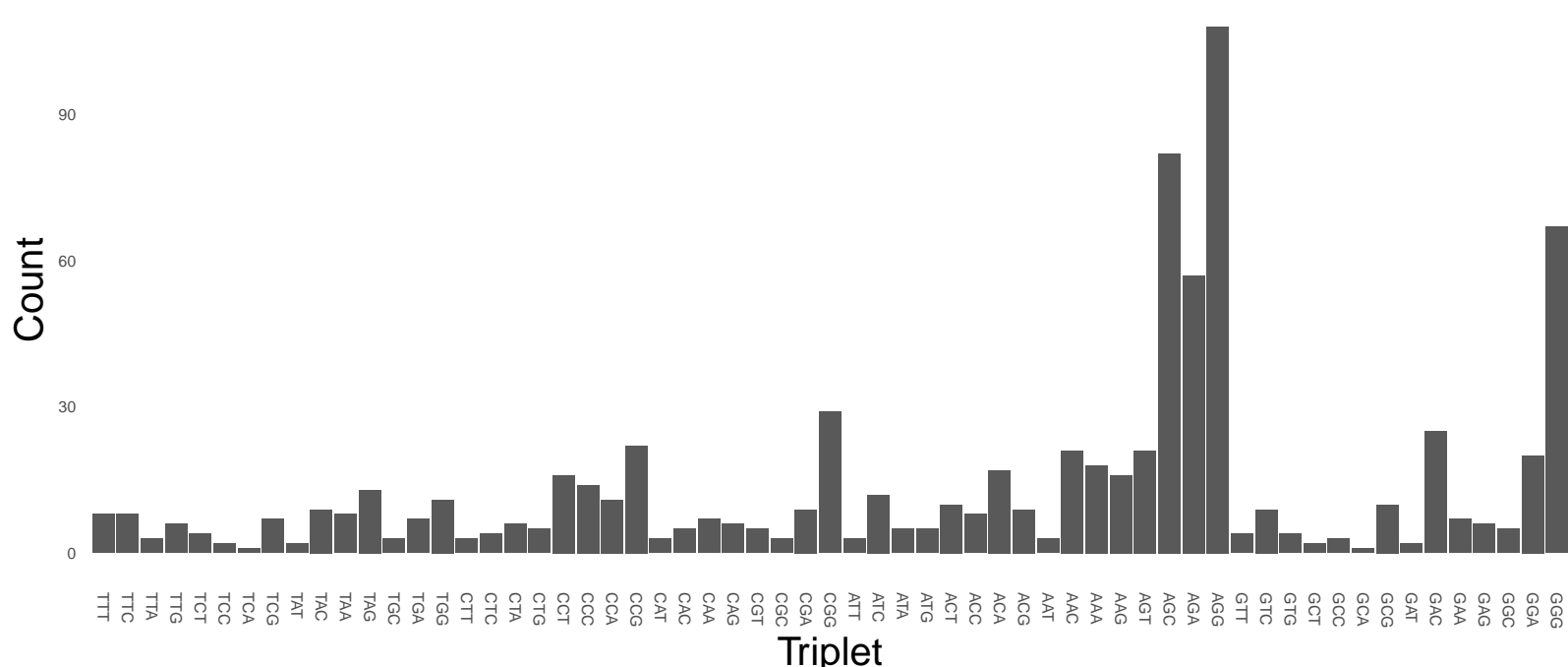
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

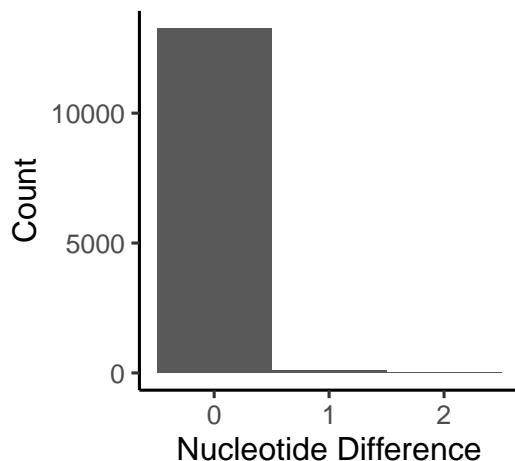


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



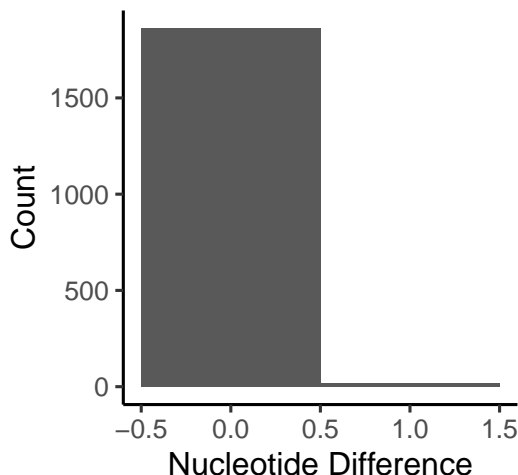
TRBV20-1*ap01

13382 sequences assigned
13272 (99.2%) exact matches, in which:
13102 unique CDR3
13 unique J



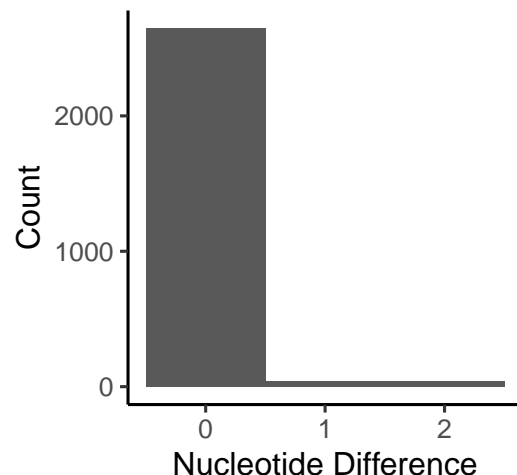
TRBV10-2*ap01

1880 sequences assigned
1861 (99%) exact matches, in which:
1830 unique CDR3
13 unique J



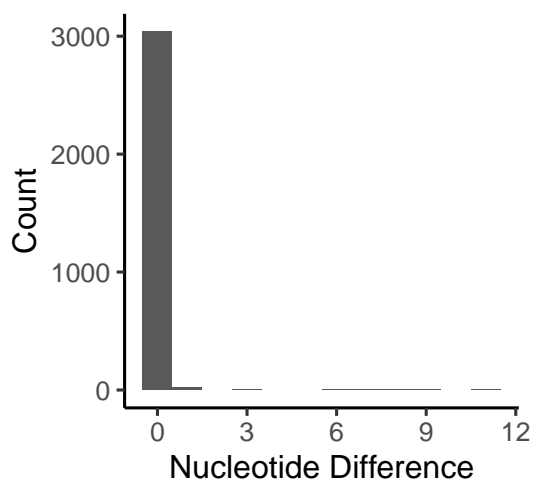
TRBV13*ap01

2729 sequences assigned
2646 (97%) exact matches, in which:
2573 unique CDR3
13 unique J



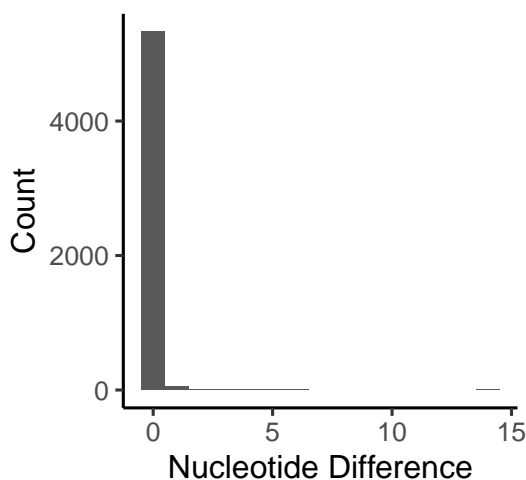
TRBV10-1*ap01

3070 sequences assigned
3038 (99%) exact matches, in which:
2975 unique CDR3
13 unique J



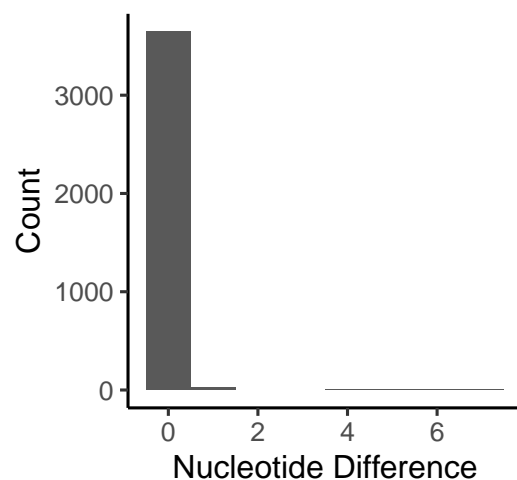
TRBV10-3*ap01

5395 sequences assigned
5328 (98.8%) exact matches, in which:
5203 unique CDR3
13 unique J



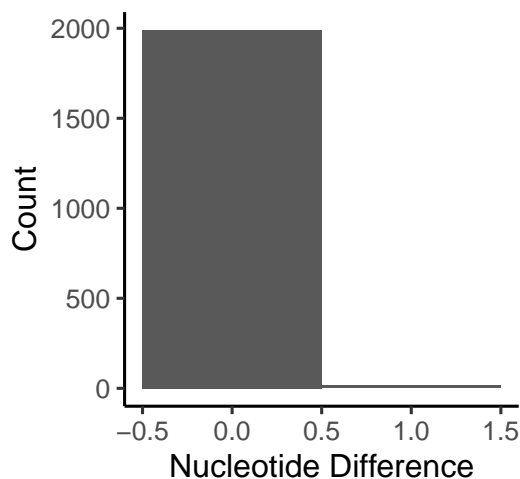
TRBV14*ap01

3676 sequences assigned
3646 (99.2%) exact matches, in which:
3598 unique CDR3
13 unique J



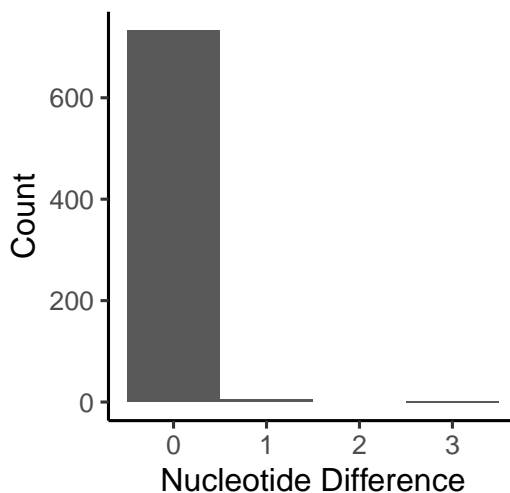
TRBV20-1*ap02

2005 sequences assigned
1990 (99.3%) exact matches, in which:
1959 unique CDR3
13 unique J



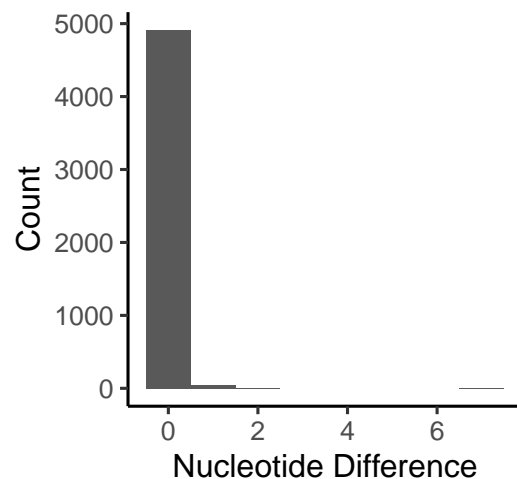
TRBV1*ap01

740 sequences assigned
733 (99.1%) exact matches, in which:
716 unique CDR3
13 unique J



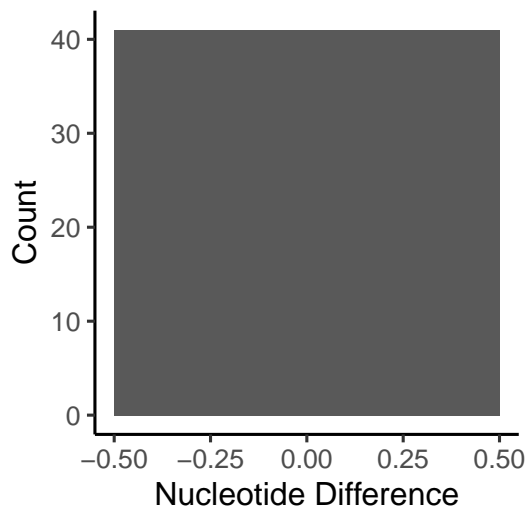
TRBV15*ap02

4960 sequences assigned
4912 (99%) exact matches, in which:
4801 unique CDR3
13 unique J



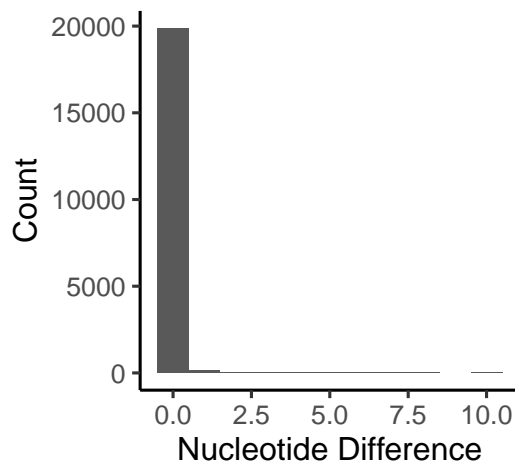
TRBV16*ap01

41 sequences assigned
41 (100%) exact matches, in which:
41 unique CDR3
9 unique J



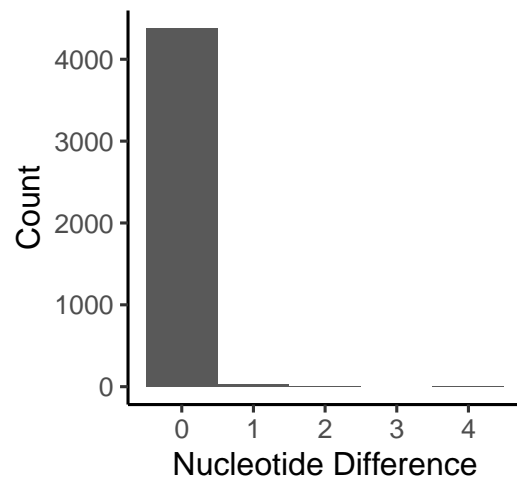
TRBV19*ap01

20056 sequences assigned
19882 (99.1%) exact matches, in which:
19706 unique CDR3
13 unique J



TRBV28*ap01

4407 sequences assigned
4377 (99.3%) exact matches, in which:
4306 unique CDR3
13 unique J



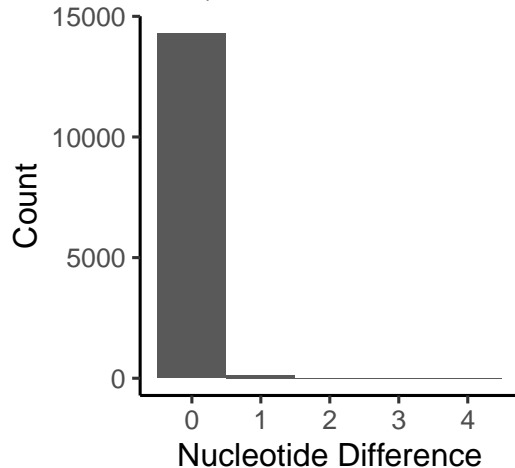
TRBV17*ap01

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



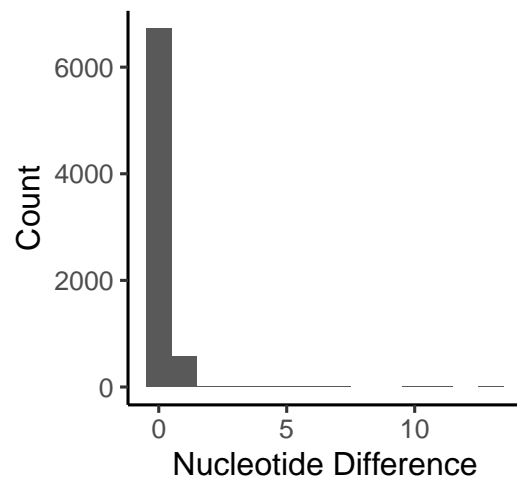
TRBV2*ap01

14439 sequences assigned
14290 (99%) exact matches, in which:
13984 unique CDR3
13 unique J



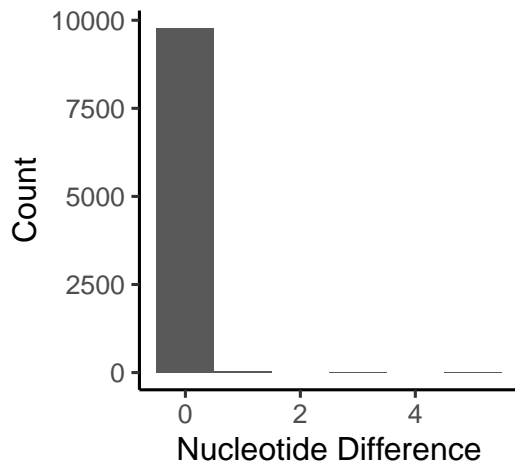
TRBV30*ap01

7305 sequences assigned
6721 (92%) exact matches, in which:
6583 unique CDR3
13 unique J



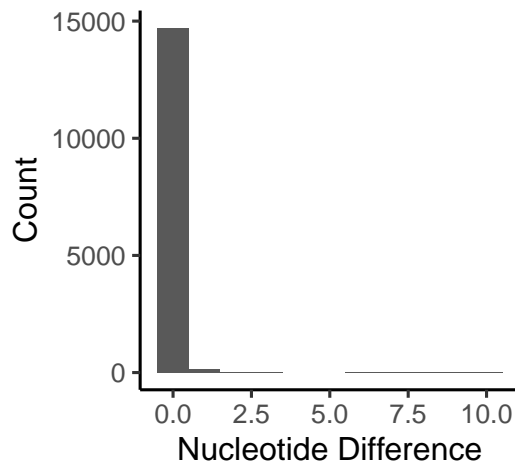
TRBV18*ap01

9829 sequences assigned
9786 (99.6%) exact matches, in which:
9680 unique CDR3
13 unique J



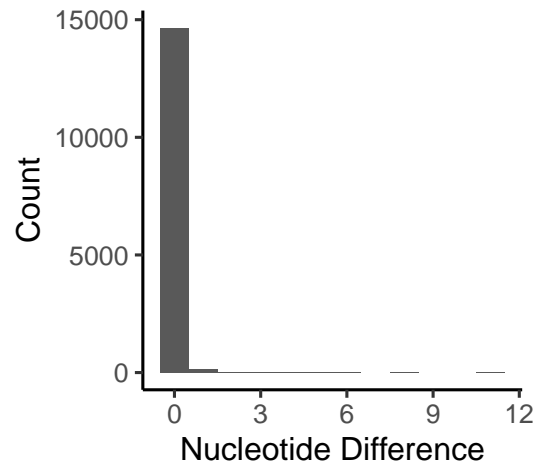
TRBV27*ap01

14891 sequences assigned
14715 (98.8%) exact matches, in which:
14328 unique CDR3
13 unique J



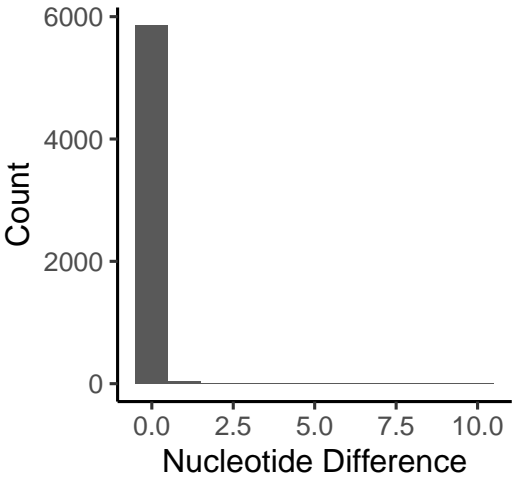
TRBV9*ap01

14814 sequences assigned
14656 (98.9%) exact matches, in which:
14422 unique CDR3
14 unique J



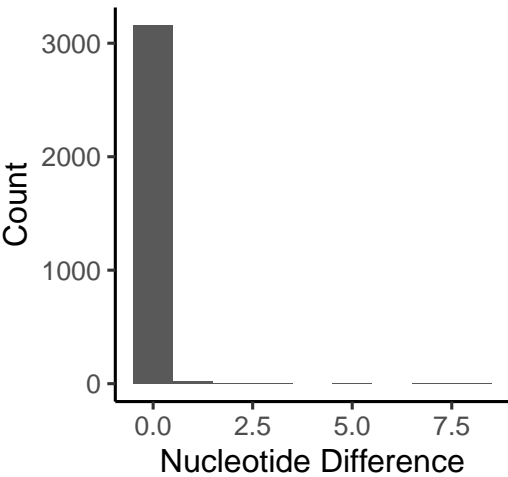
TRBV21-1*ap01

5924 sequences assigned
5857 (98.9%) exact matches, in which:
5781 unique CDR3
13 unique J



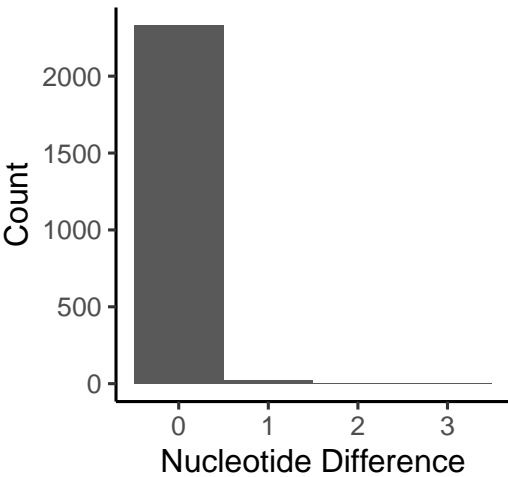
TRBV11-3*ap01

3184 sequences assigned
3157 (99.2%) exact matches, in which:
3119 unique CDR3
13 unique J



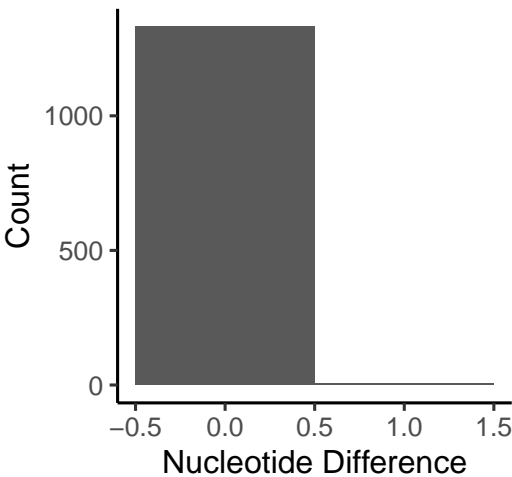
TRBV12-5*ap01

2356 sequences assigned
2330 (98.9%) exact matches, in which:
2291 unique CDR3
13 unique J



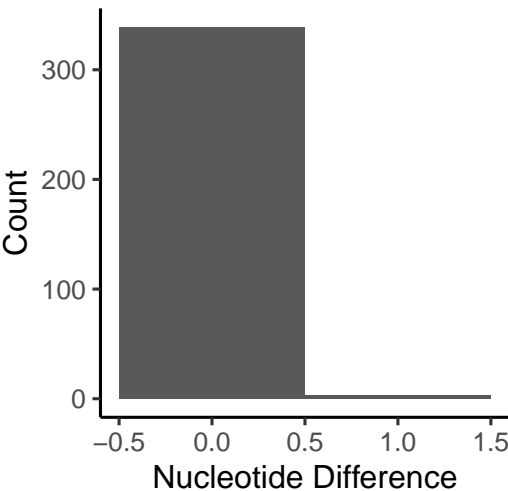
TRBV11-1*ap01

1336 sequences assigned
1331 (99.6%) exact matches, in which:
1320 unique CDR3
13 unique J



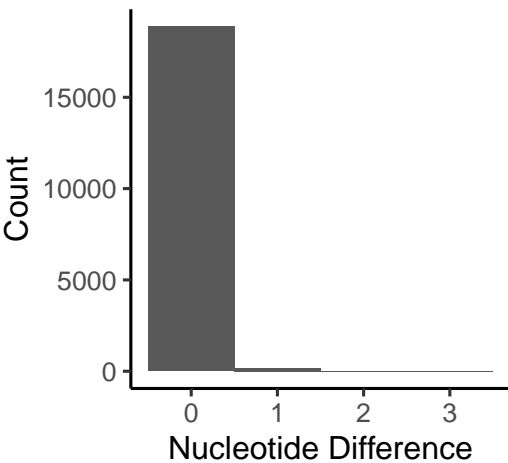
TRBV12-1*ap01

342 sequences assigned
339 (99.1%) exact matches, in which:
328 unique CDR3
13 unique J



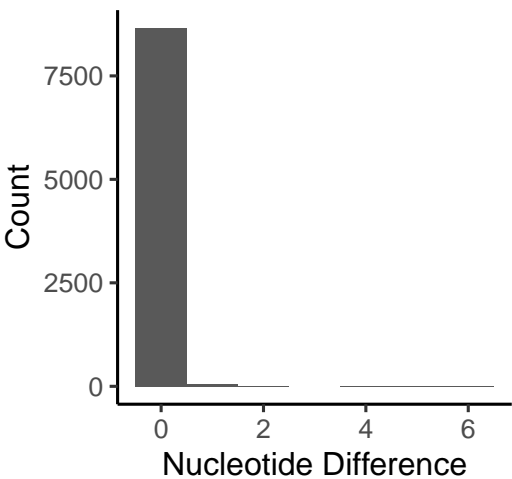
TRBV12-34*ap01

19053 sequences assigned
18879 (99.1%) exact matches, in which:
18523 unique CDR3
13 unique J



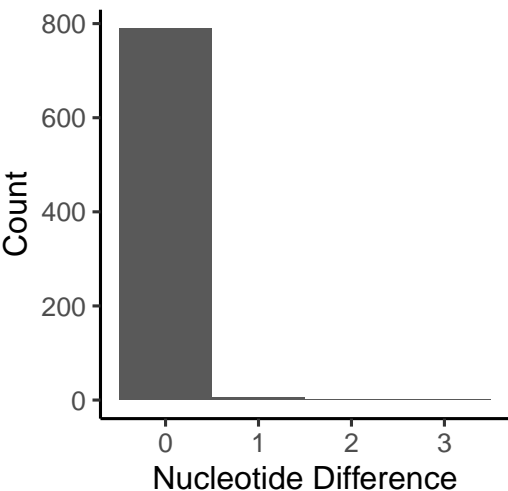
TRBV11-2*ap01

8718 sequences assigned
8656 (99.3%) exact matches, in which:
8542 unique CDR3
13 unique J



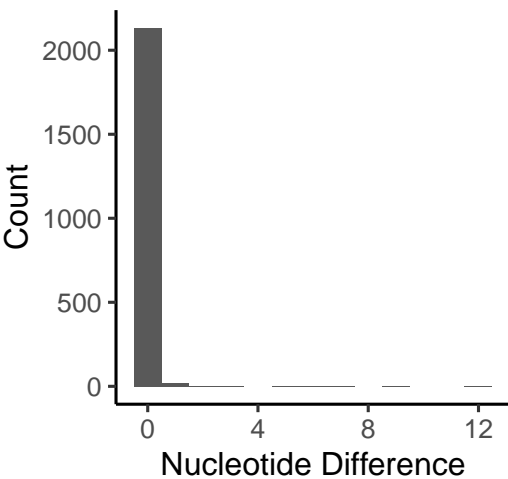
TRBV12-2*ap01

798 sequences assigned
790 (99%) exact matches, in which:
780 unique CDR3
13 unique J



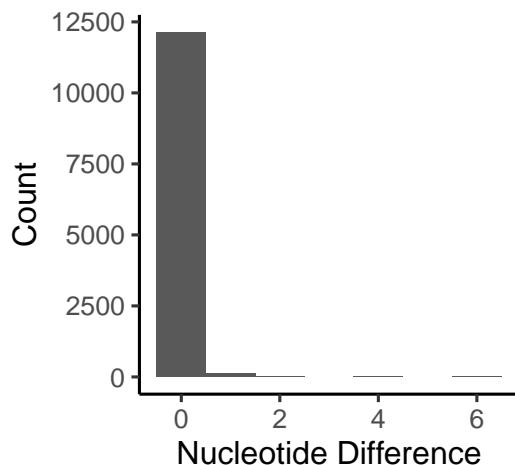
TRBV23-1*ap01

2160 sequences assigned
2132 (98.7%) exact matches, in which:
2088 unique CDR3
13 unique J



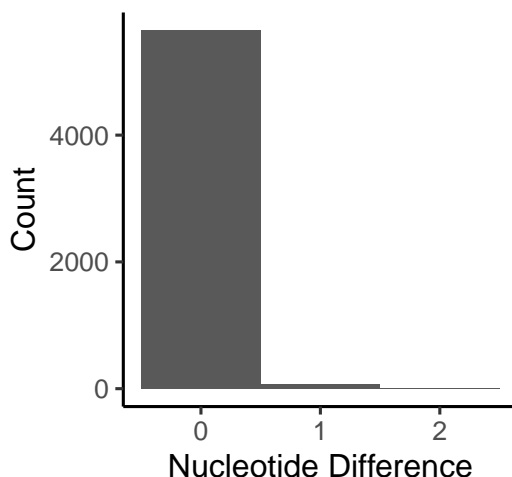
TRBV3–12*ap01

12284 sequences assigned
12139 (98.8%) exact matches, in which:
11888 unique CDR3
13 unique J



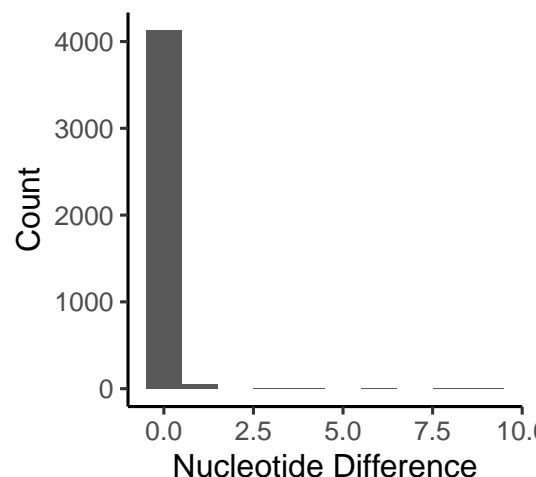
TRBV4–2*ap01

5726 sequences assigned
5652 (98.7%) exact matches, in which:
5532 unique CDR3
13 unique J



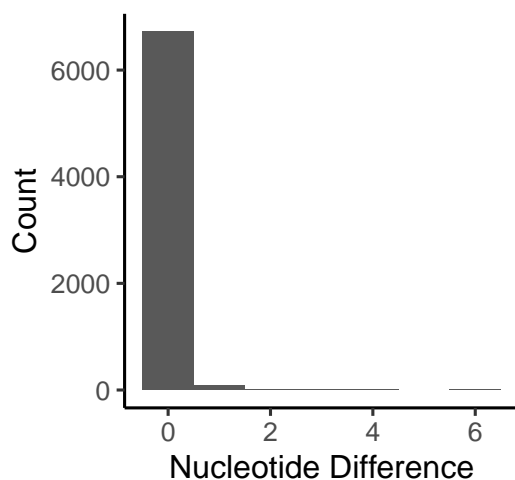
TRBV25–1*ap01

4186 sequences assigned
4128 (98.6%) exact matches, in which:
4029 unique CDR3
13 unique J



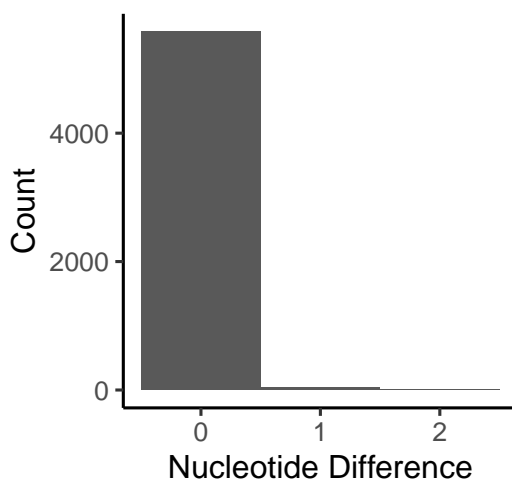
TRBV24–1*ap01

6828 sequences assigned
6719 (98.4%) exact matches, in which:
6557 unique CDR3
14 unique J



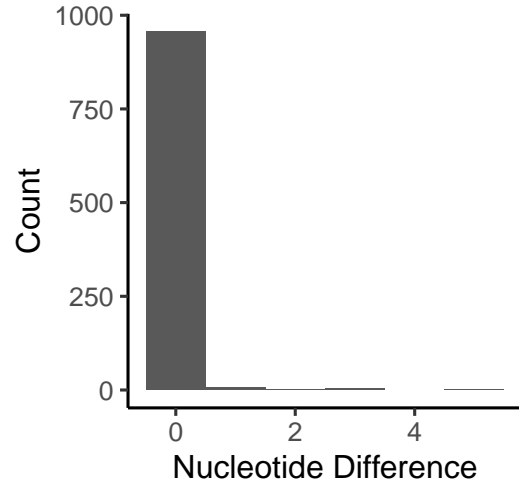
TRBV4–3*ap01

5627 sequences assigned
5580 (99.2%) exact matches, in which:
5457 unique CDR3
13 unique J



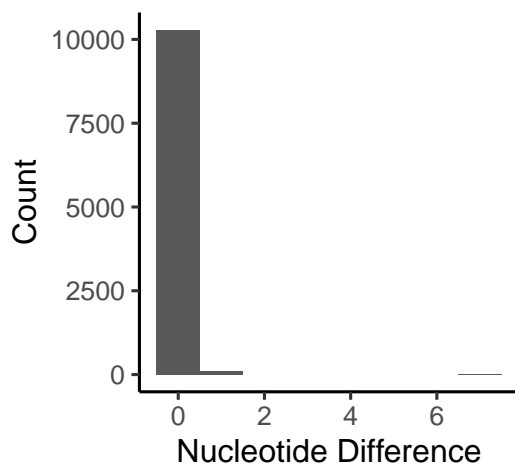
TRBV5–3*ap01

967 sequences assigned
956 (98.9%) exact matches, in which:
943 unique CDR3
13 unique J



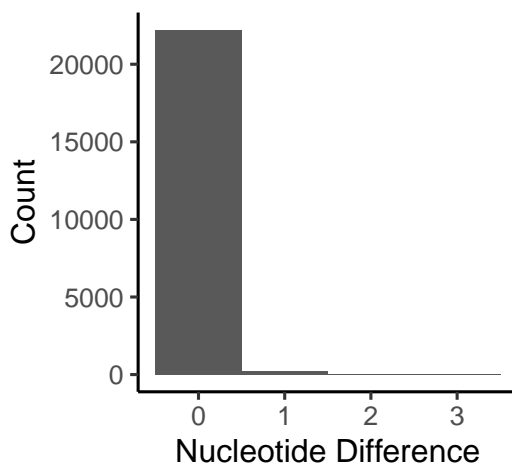
TRBV4–1*ap01

10407 sequences assigned
10287 (98.8%) exact matches, in which:
10042 unique CDR3
14 unique J



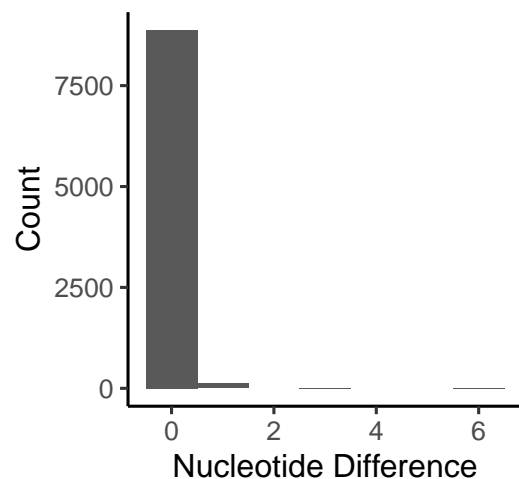
TRBV5–1*ap01

22447 sequences assigned
22220 (99%) exact matches, in which:
21597 unique CDR3
13 unique J



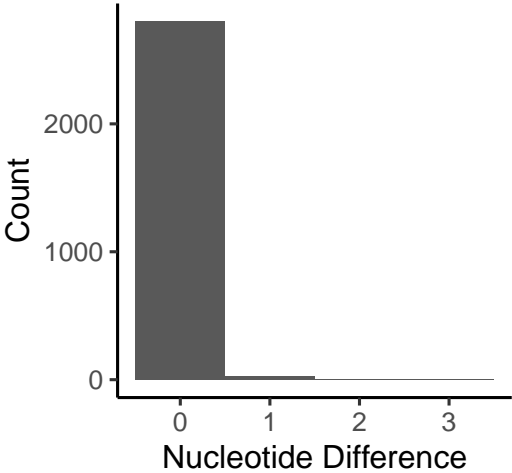
TRBV5–4*ap01

8996 sequences assigned
8877 (98.7%) exact matches, in which:
8680 unique CDR3
13 unique J



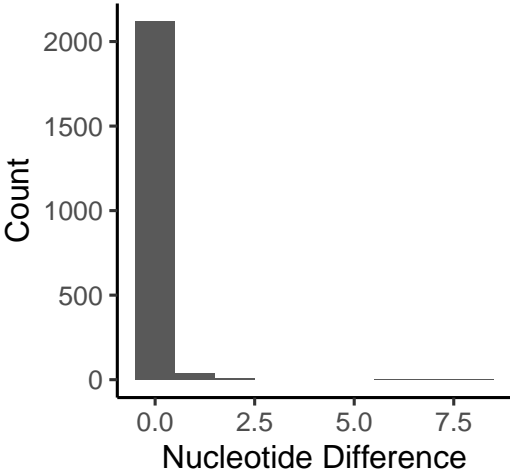
TRBV5-5*ap01

2827 sequences assigned
2801 (99.1%) exact matches, in which:
2772 unique CDR3
13 unique J



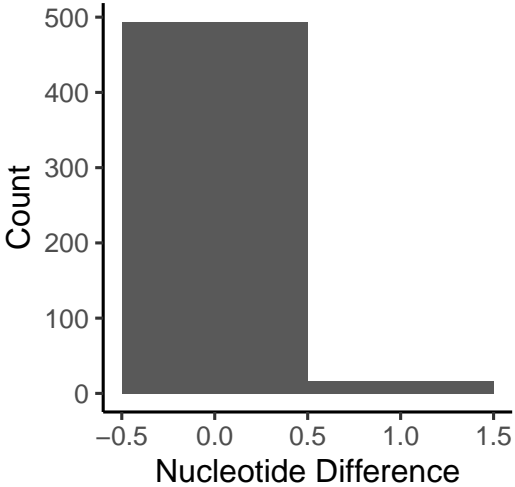
TRBV5-8*ap01

2170 sequences assigned
2119 (97.6%) exact matches, in which:
2091 unique CDR3
13 unique J



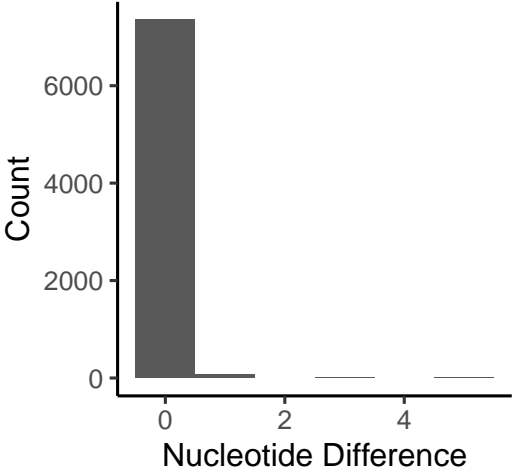
TRBV6-7*ap01

510 sequences assigned
494 (96.9%) exact matches, in which:
480 unique CDR3
13 unique J



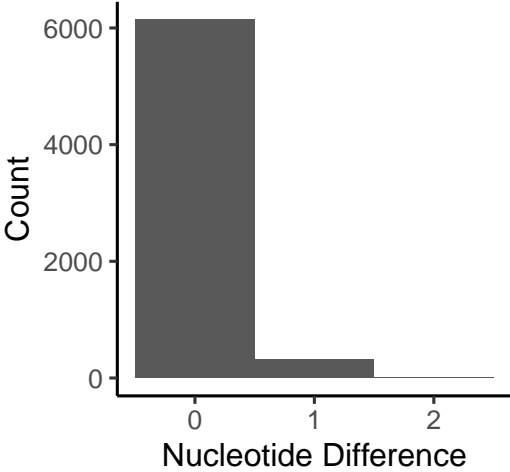
TRBV5-6*ap01

7435 sequences assigned
7354 (98.9%) exact matches, in which:
7160 unique CDR3
13 unique J



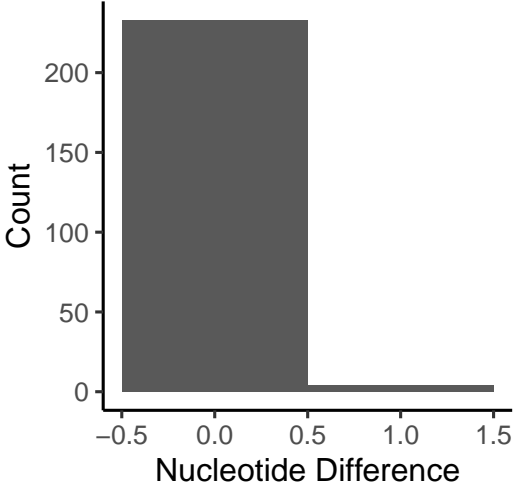
TRBV6-1*ap01

6462 sequences assigned
6141 (95%) exact matches, in which:
5983 unique CDR3
13 unique J



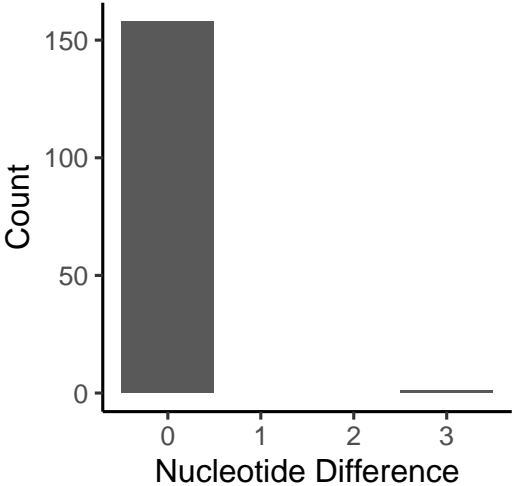
TRBV6-8*ap01

237 sequences assigned
233 (98.3%) exact matches, in which:
227 unique CDR3
13 unique J



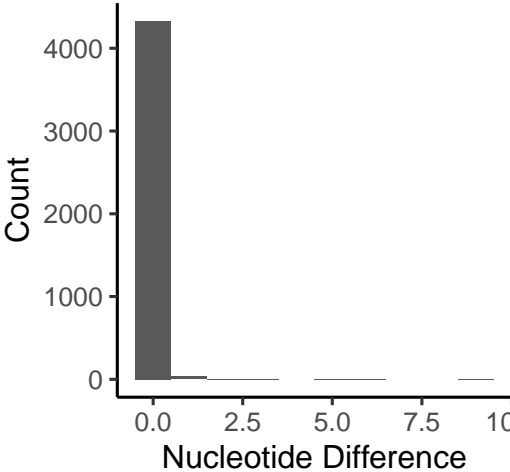
TRBV5-7*ap01

159 sequences assigned
158 (99.4%) exact matches, in which:
156 unique CDR3
13 unique J



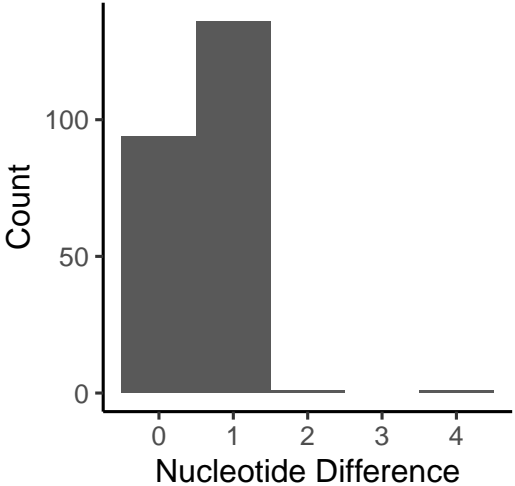
TRBV6-4*ap01

4380 sequences assigned
4329 (98.8%) exact matches, in which:
4257 unique CDR3
13 unique J



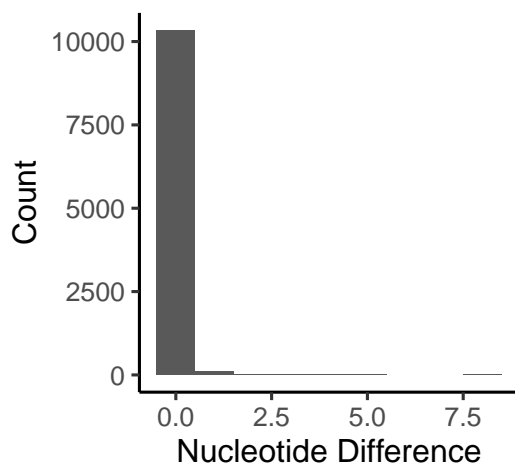
TRBV6-9*ap01

232 sequences assigned
94 (40.5%) exact matches, in which:
90 unique CDR3
12 unique J



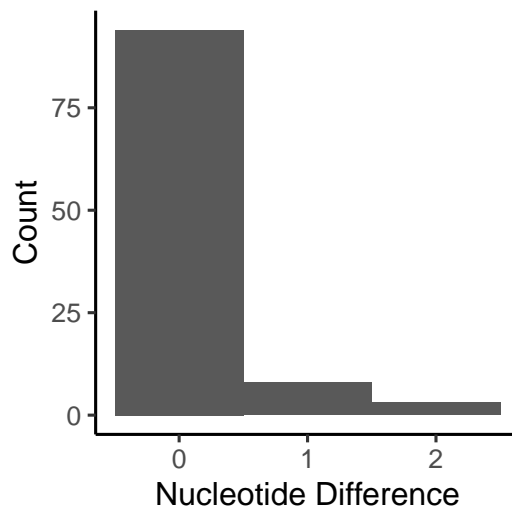
TRBV6-23*ap01

10453 sequences assigned
10342 (98.9%) exact matches, in which:
10059 unique CDR3
13 unique J



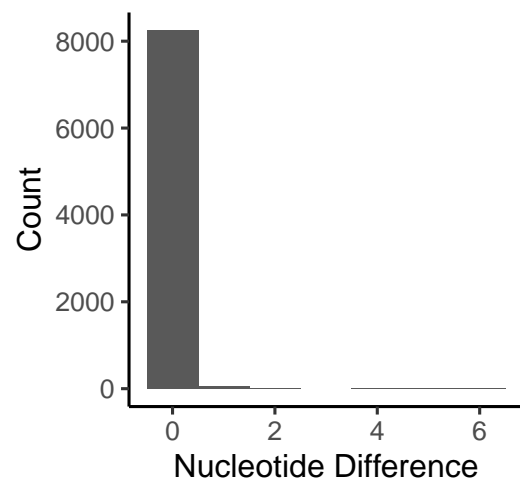
TRBV7-1*ap01_G291C_T

105 sequences assigned
94 (89.5%) exact matches, in which:
94 unique CDR3
11 unique J



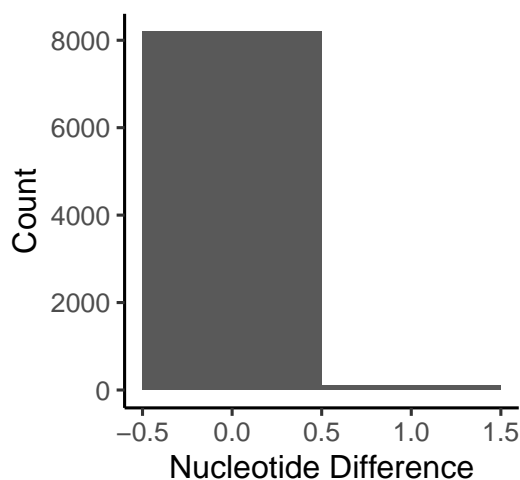
TRBV7-3*ap01

8318 sequences assigned
8248 (99.2%) exact matches, in which:
8150 unique CDR3
13 unique J



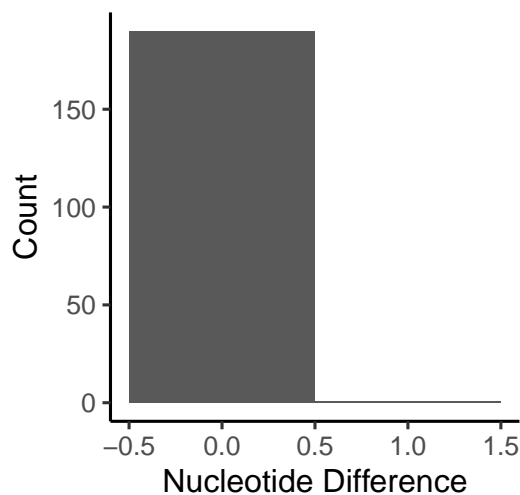
TRBV6-56*ap01

8287 sequences assigned
8195 (98.9%) exact matches, in which:
8011 unique CDR3
13 unique J



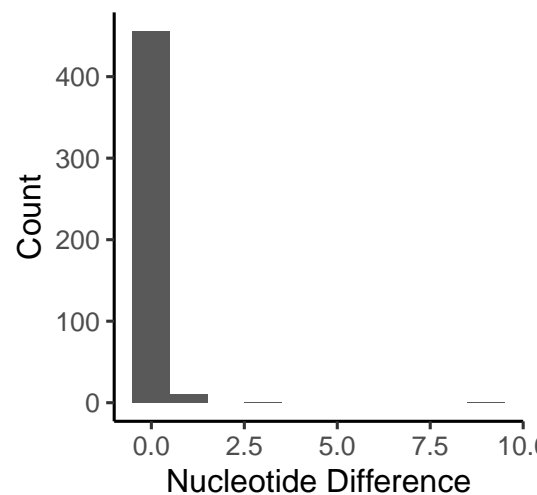
TRBV7-1*ap01_G291C_

191 sequences assigned
190 (99.5%) exact matches, in which:
186 unique CDR3
13 unique J



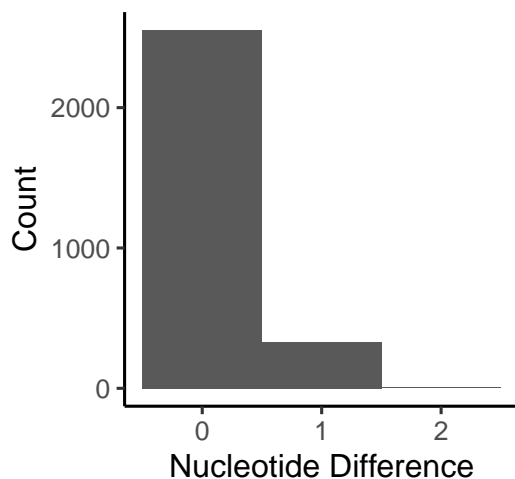
TRBV7-4*ap01

468 sequences assigned
456 (97.4%) exact matches, in which:
449 unique CDR3
13 unique J



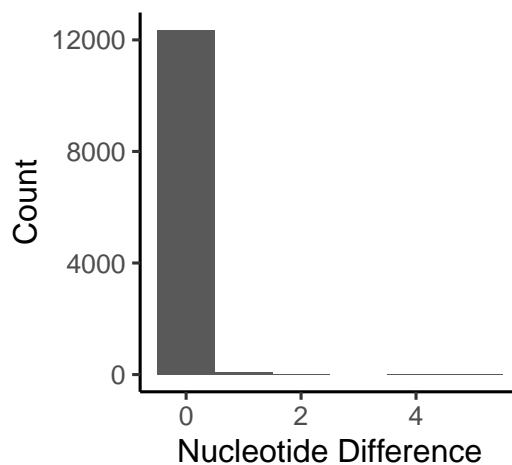
TRBV6-56*ap02

2890 sequences assigned
2553 (88.3%) exact matches, in which:
2479 unique CDR3
13 unique J



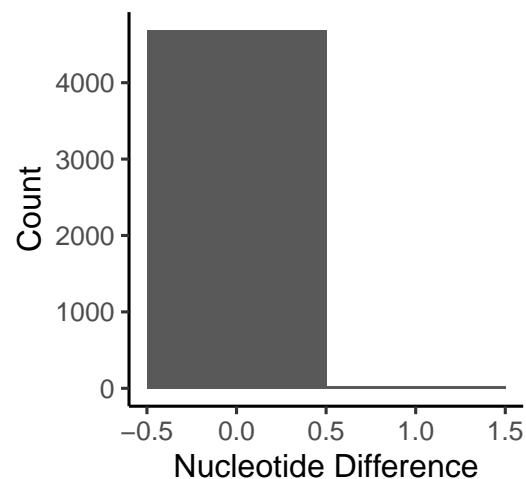
TRBV7-2*ap01

12453 sequences assigned
12362 (99.3%) exact matches, in which:
12187 unique CDR3
13 unique J



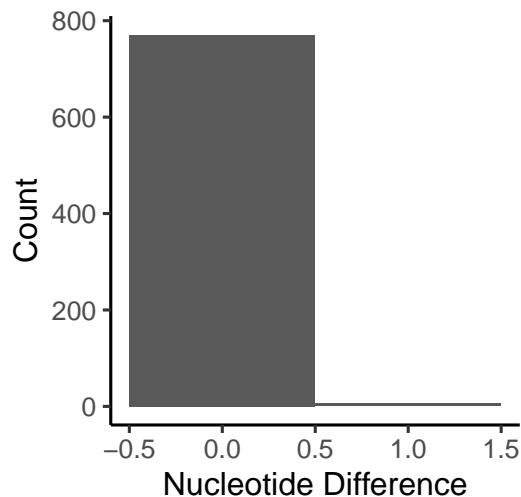
TRBV7-6*ap01

4717 sequences assigned
4689 (99.4%) exact matches, in which:
4599 unique CDR3
13 unique J



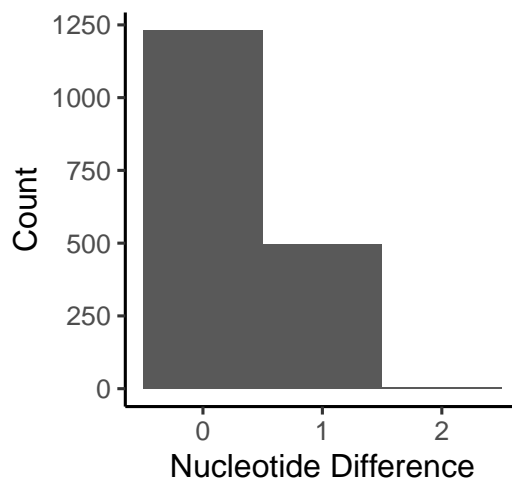
TRBV7-7*ap01

777 sequences assigned
771 (99.2%) exact matches, in which:
760 unique CDR3
13 unique J



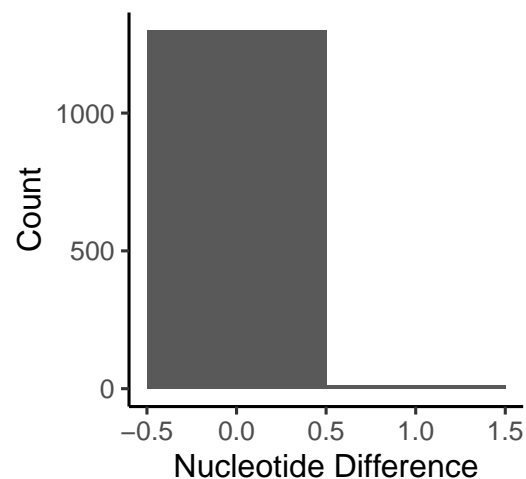
TRBV7-8*ap03

1732 sequences assigned
1231 (71.1%) exact matches, in which:
1201 unique CDR3
13 unique J



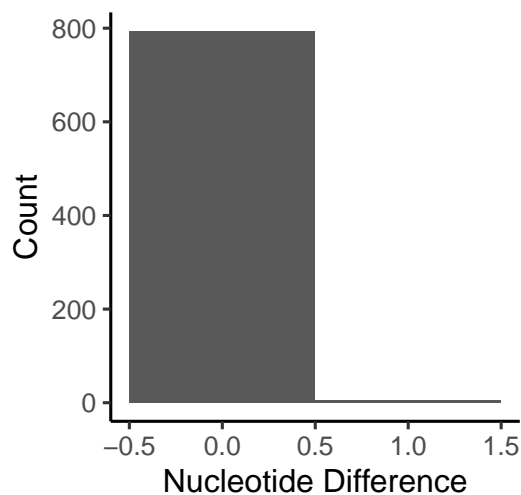
TRBV29-1*ap02

1313 sequences assigned
1300 (99%) exact matches, in which:
1265 unique CDR3
13 unique J



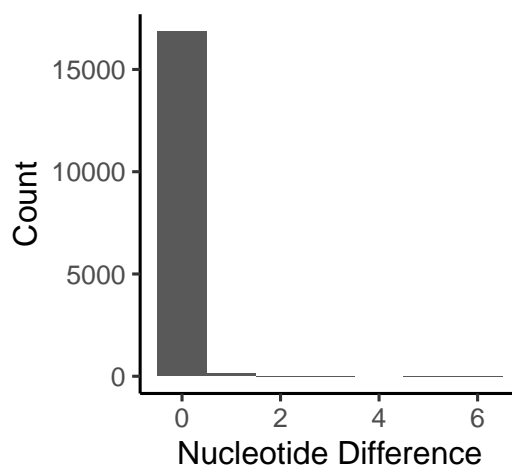
TRBV7-7*ap01_C315T

800 sequences assigned
794 (99.2%) exact matches, in which:
785 unique CDR3
13 unique J



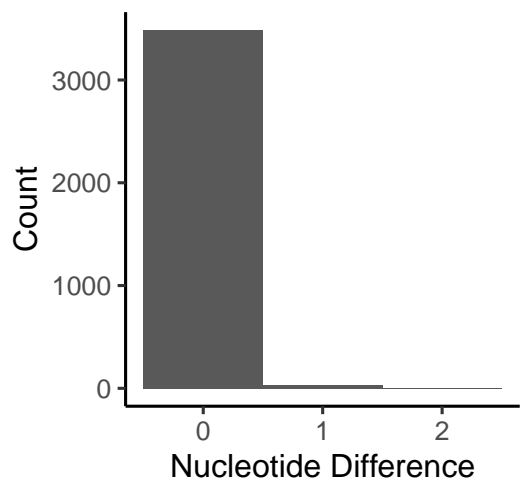
TRBV7-9*ap01

17011 sequences assigned
16857 (99.1%) exact matches, in which:
16595 unique CDR3
13 unique J



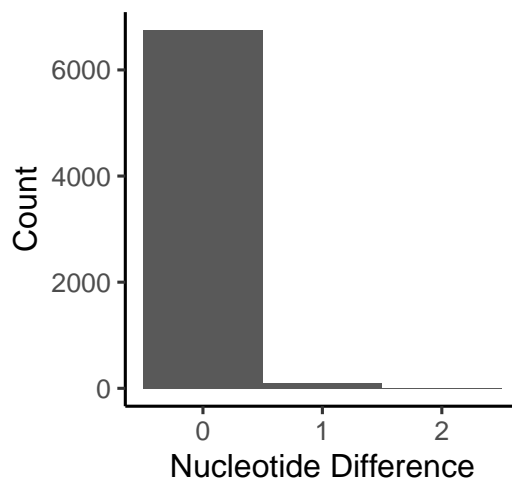
TRBV7-8*ap01

3522 sequences assigned
3486 (99%) exact matches, in which:
3417 unique CDR3
13 unique J

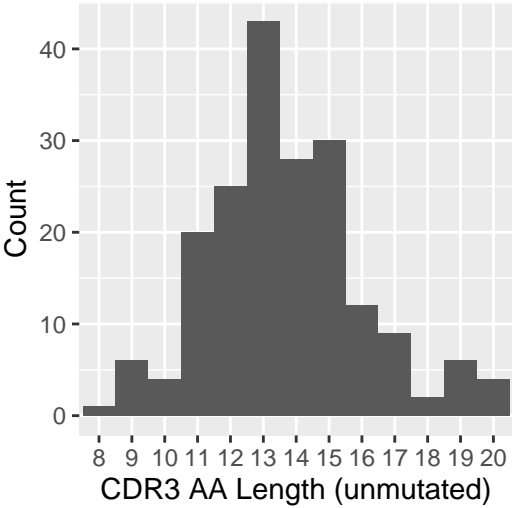


TRBV29-1*ap01

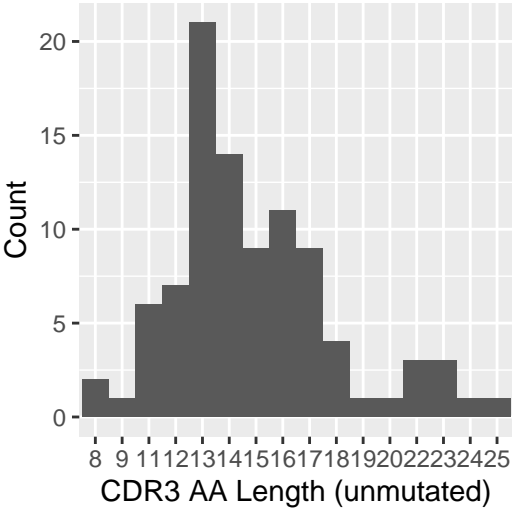
6853 sequences assigned
6751 (98.5%) exact matches, in which:
6598 unique CDR3
13 unique J



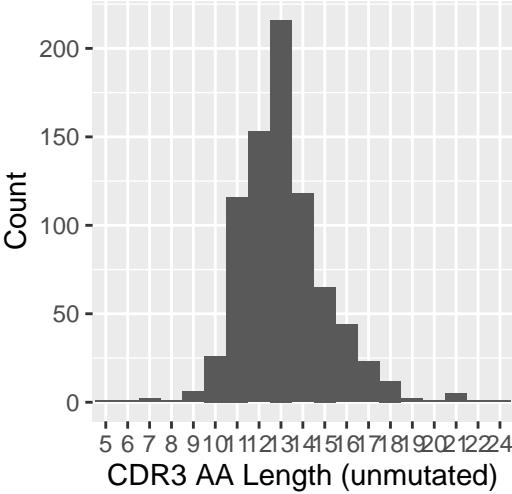
TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.