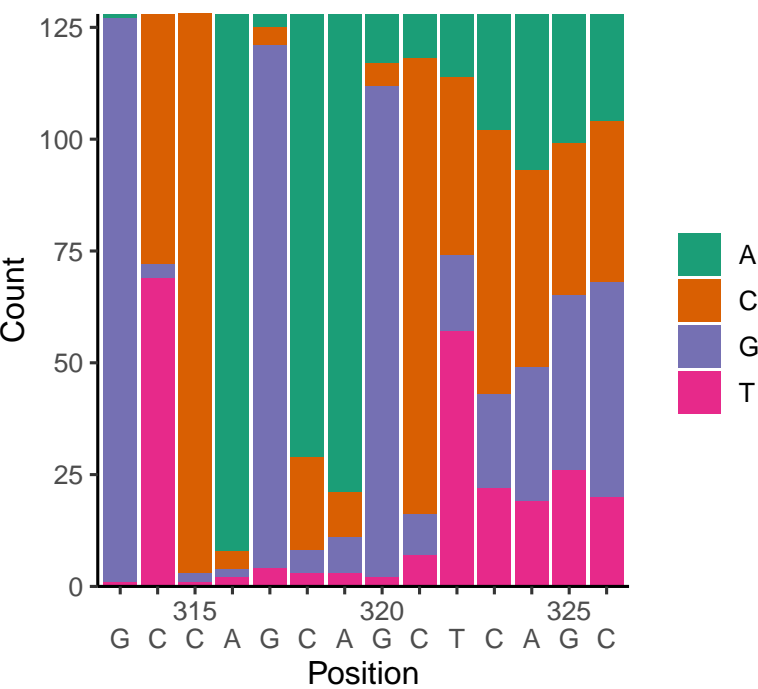
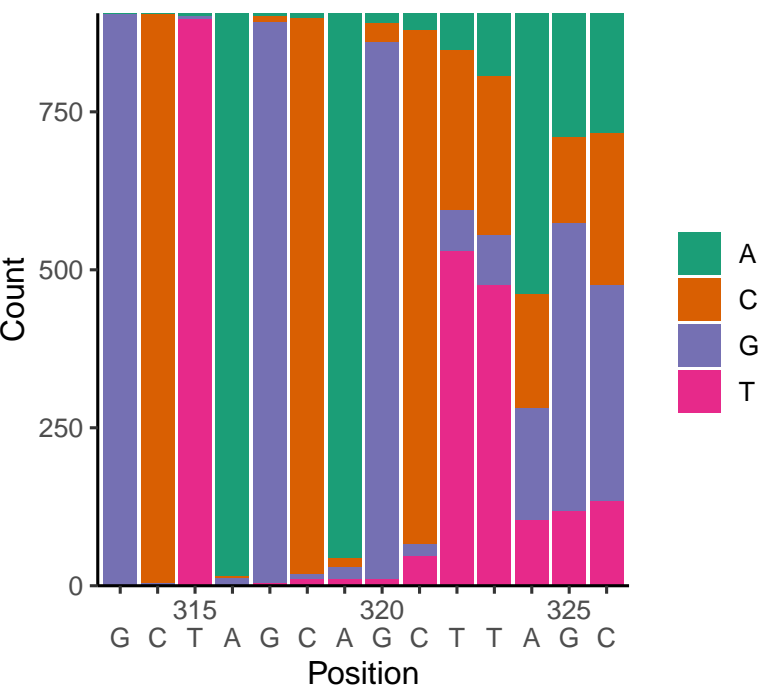


Gene TRBV7-1*ap01_T296C



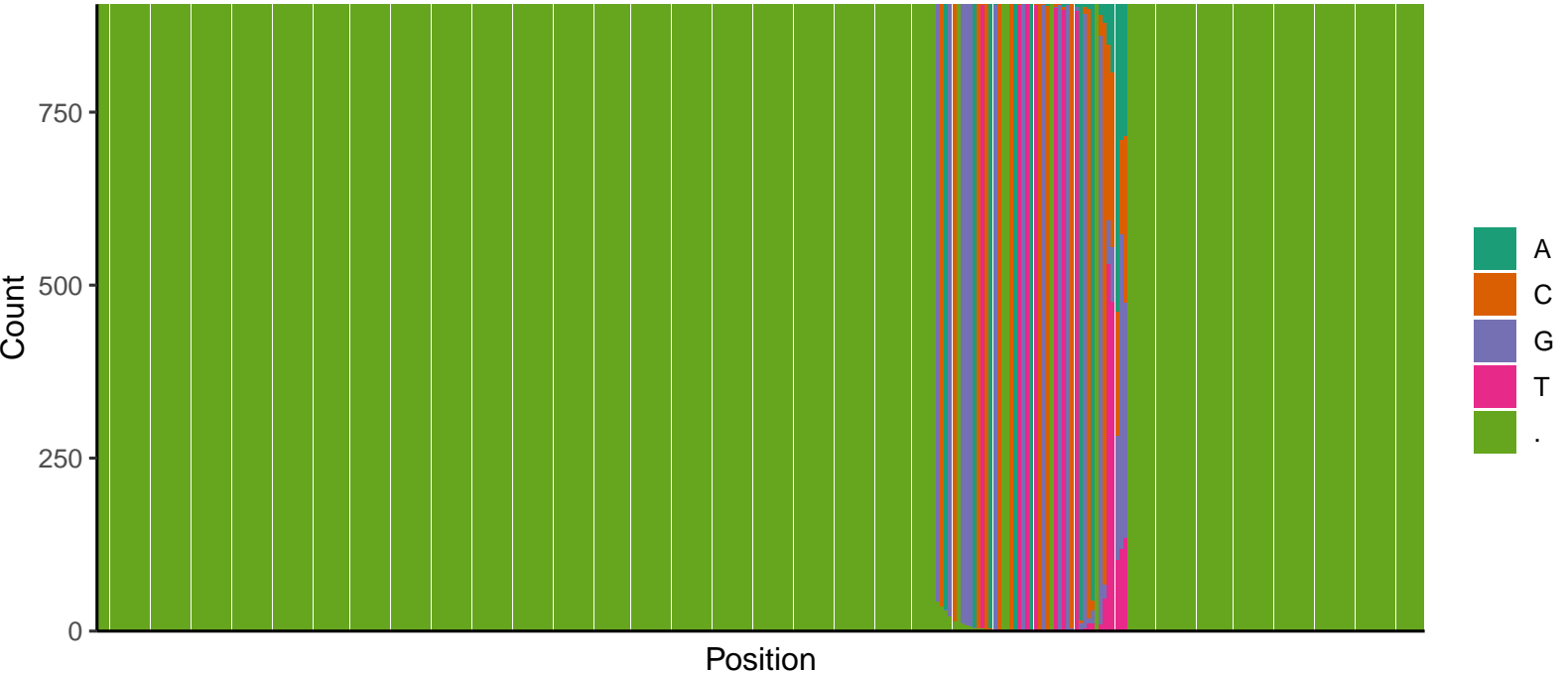
Gene TRBV7-7*ap01_C315T



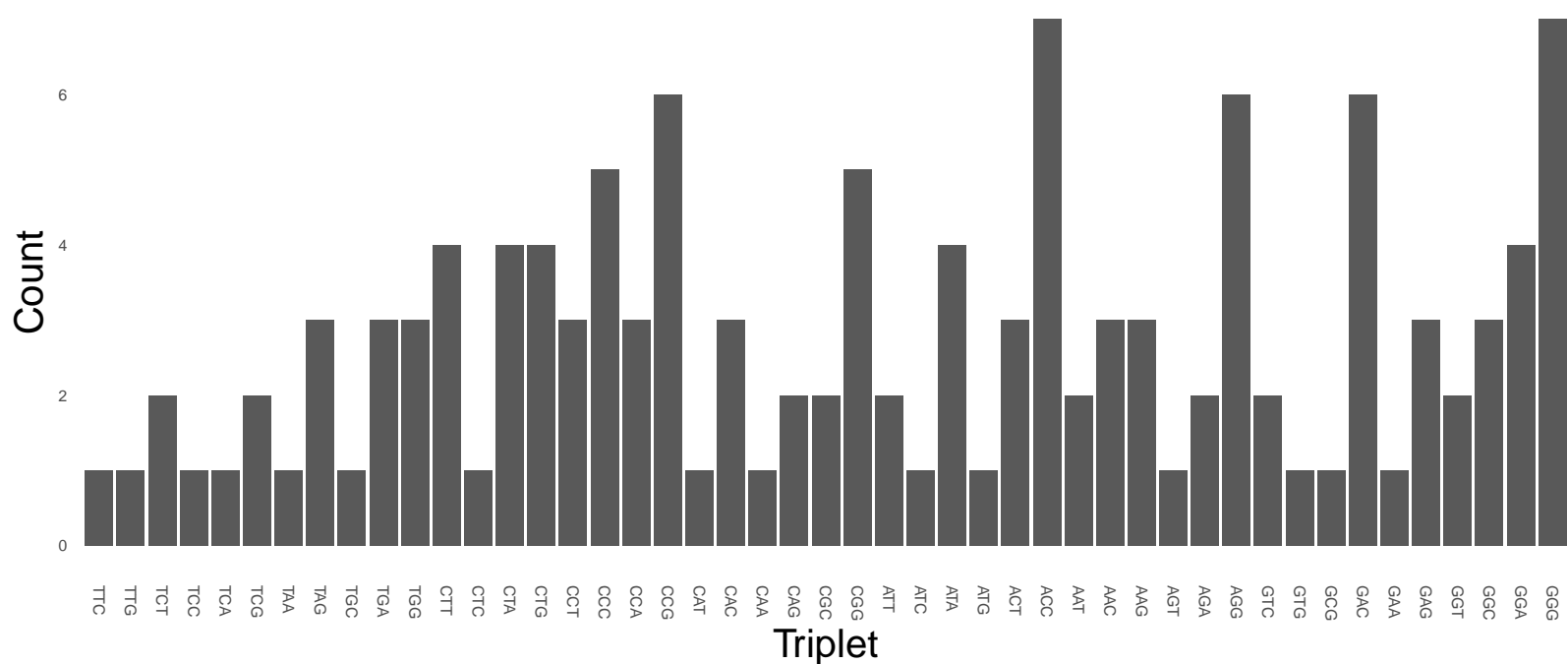
Gene TRBV7-1*ap01_T296C



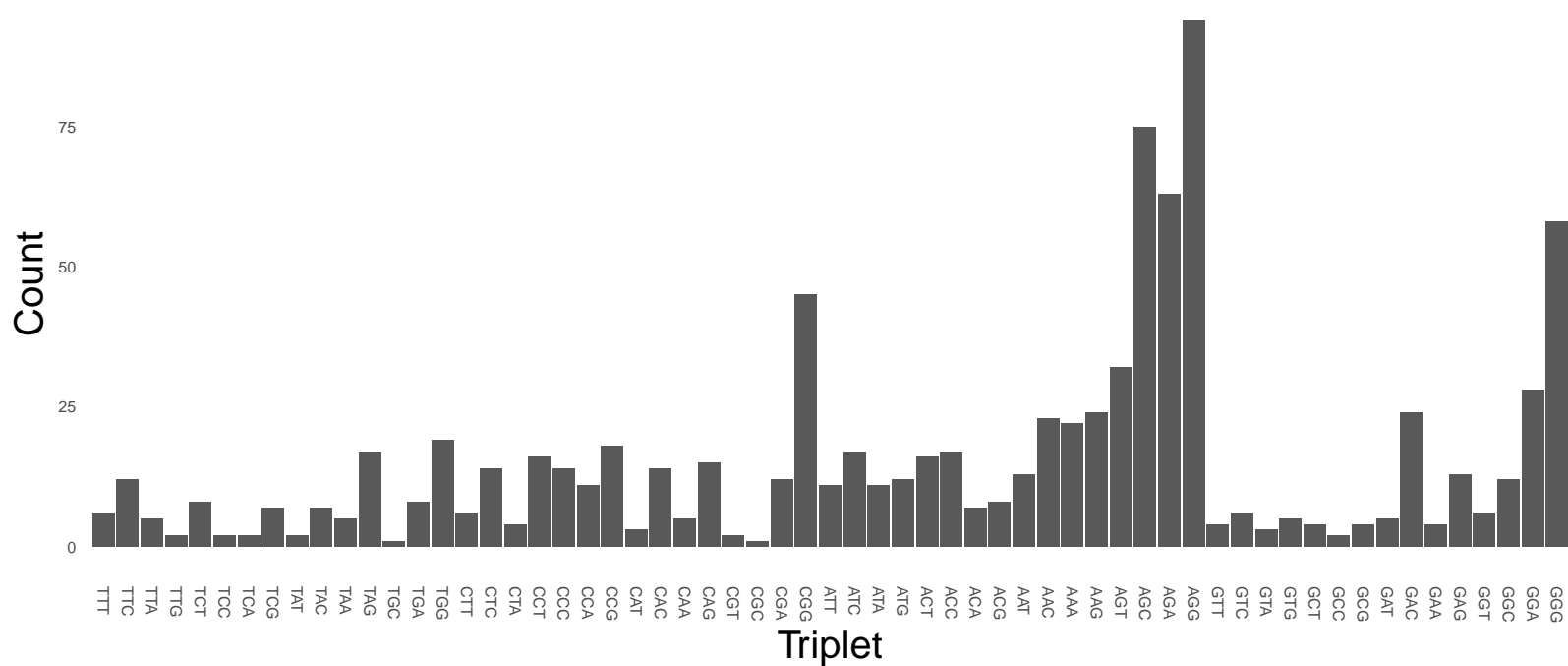
Gene TRBV7-7*ap01_C315T



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

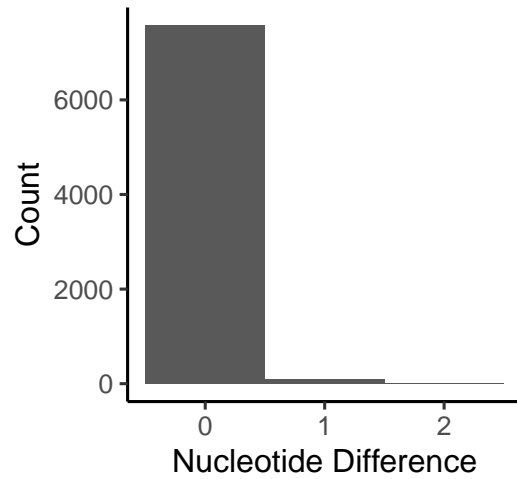


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



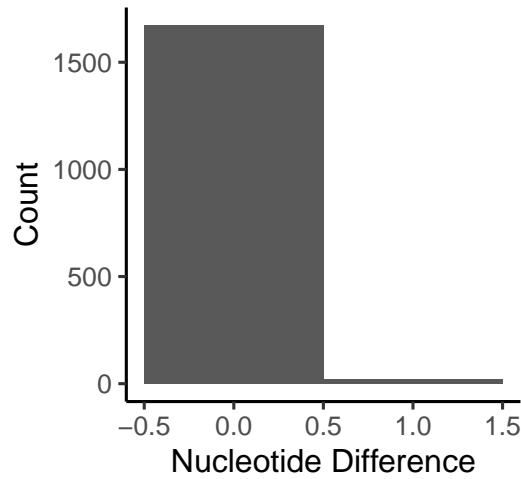
TRBV20-1*ap01

7671 sequences assigned
7575 (98.7%) exact matches, in which:
7446 unique CDR3
13 unique J



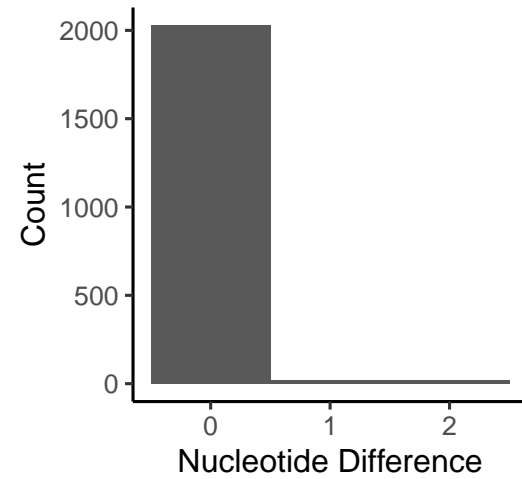
TRBV10-2*ap01

1693 sequences assigned
1672 (98.8%) exact matches, in which:
1635 unique CDR3
13 unique J



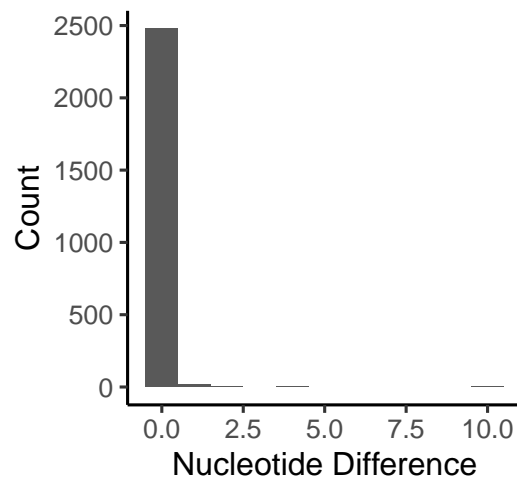
TRBV13*ap01

2069 sequences assigned
2028 (98%) exact matches, in which:
1977 unique CDR3
13 unique J



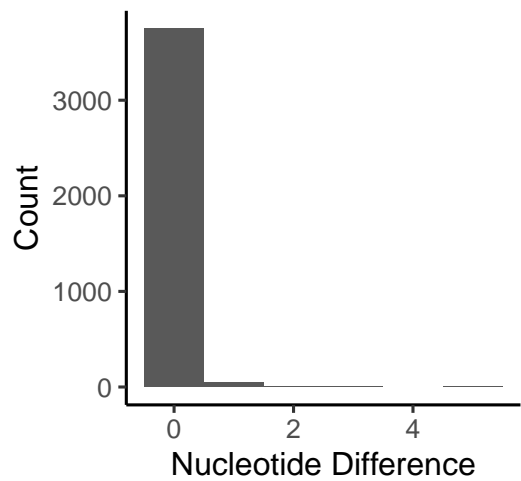
TRBV10-1*ap01

2497 sequences assigned
2478 (99.2%) exact matches, in which:
2414 unique CDR3
13 unique J



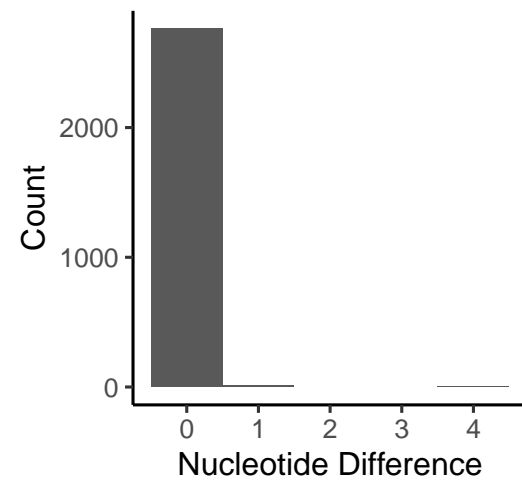
TRBV10-3*ap01

3804 sequences assigned
3748 (98.5%) exact matches, in which:
3659 unique CDR3
13 unique J



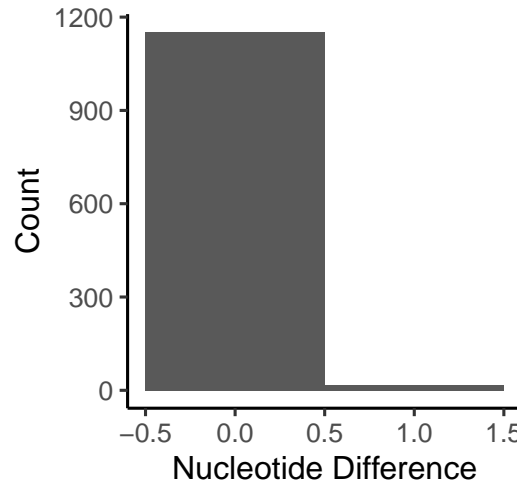
TRBV14*ap01

2774 sequences assigned
2762 (99.6%) exact matches, in which:
2703 unique CDR3
13 unique J



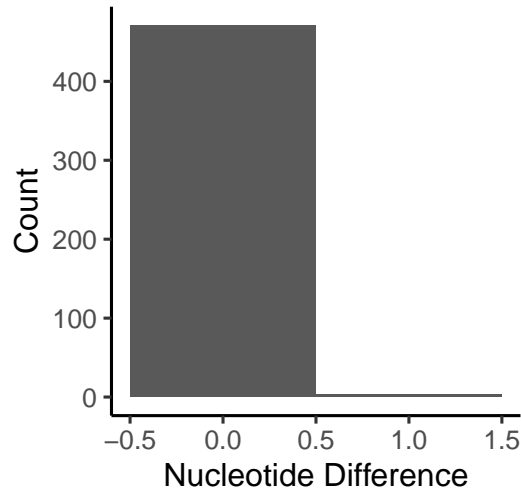
TRBV20-1*ap02

1169 sequences assigned
1152 (98.5%) exact matches, in which:
1136 unique CDR3
13 unique J



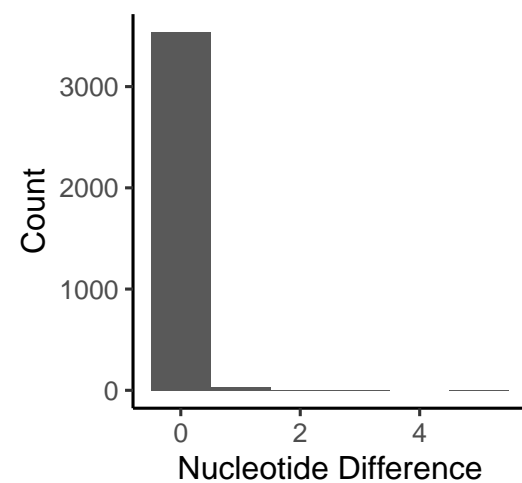
TRBV1*ap01

474 sequences assigned
471 (99.4%) exact matches, in which:
461 unique CDR3
13 unique J



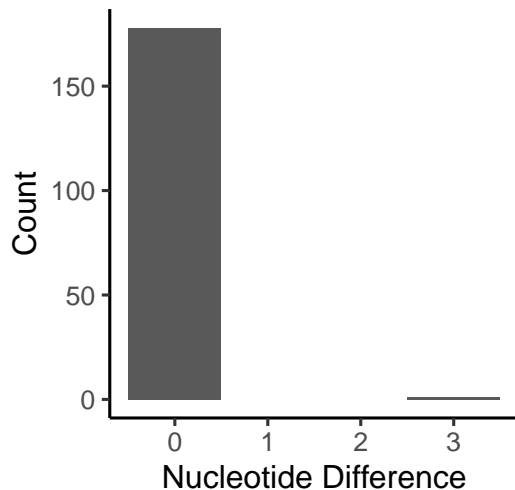
TRBV15*ap02

3577 sequences assigned
3539 (98.9%) exact matches, in which:
3455 unique CDR3
13 unique J



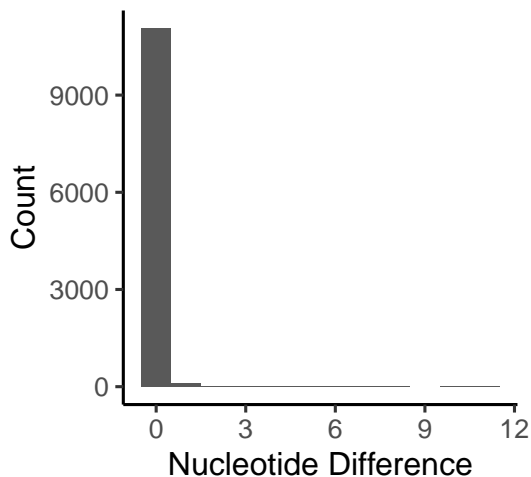
TRBV16*ap01

179 sequences assigned
178 (99.4%) exact matches, in which:
177 unique CDR3
12 unique J



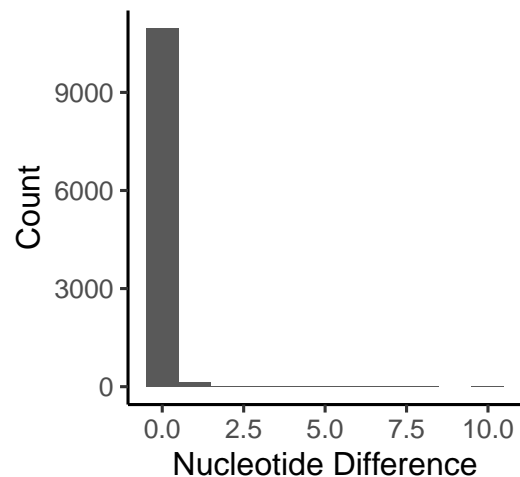
TRBV19*ap01

11180 sequences assigned
11059 (98.9%) exact matches, in which:
10923 unique CDR3
14 unique J



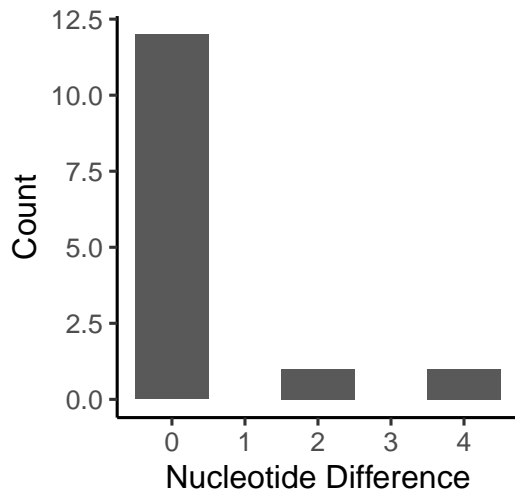
TRBV27*ap01

11113 sequences assigned
10957 (98.6%) exact matches, in which:
10685 unique CDR3
13 unique J



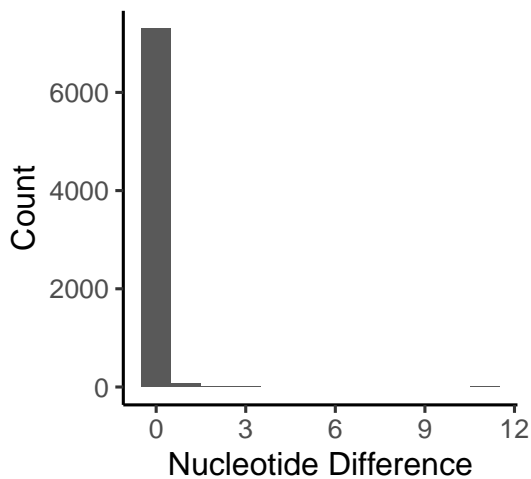
TRBV17*ap01

14 sequences assigned
12 (85.7%) exact matches, in which:
12 unique CDR3
5 unique J



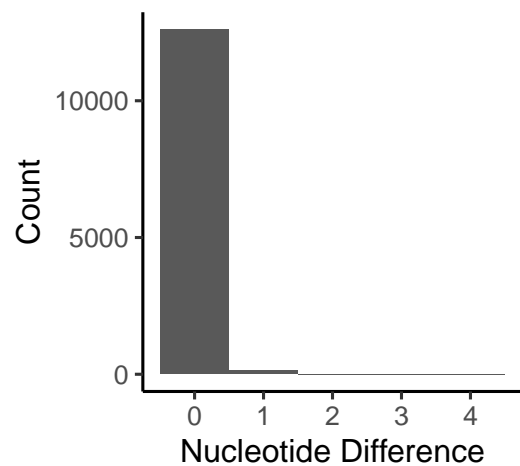
TRBV2*ap01

7384 sequences assigned
7297 (98.8%) exact matches, in which:
7116 unique CDR3
13 unique J



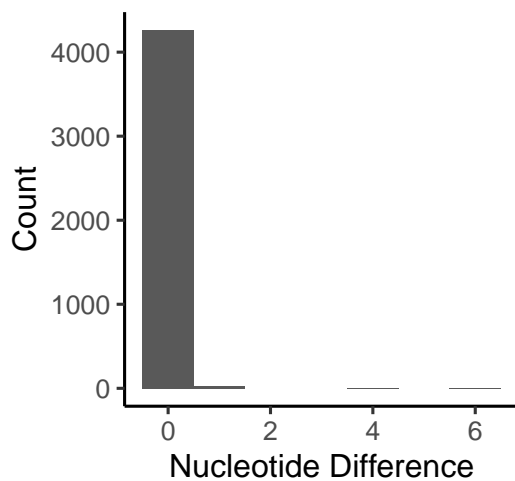
TRBV28*ap01

12750 sequences assigned
12606 (98.9%) exact matches, in which:
12327 unique CDR3
13 unique J



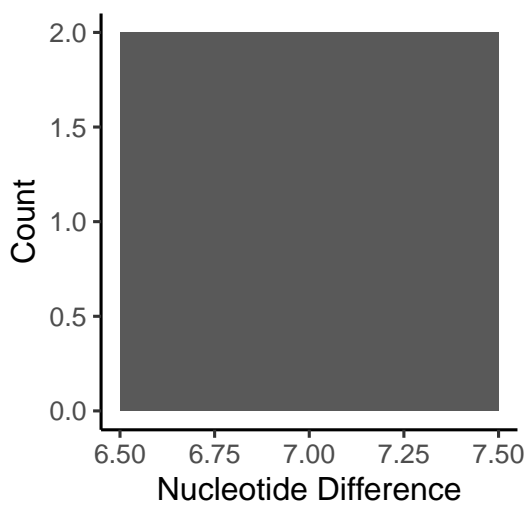
TRBV18*ap01

4297 sequences assigned
4263 (99.2%) exact matches, in which:
4219 unique CDR3
13 unique J



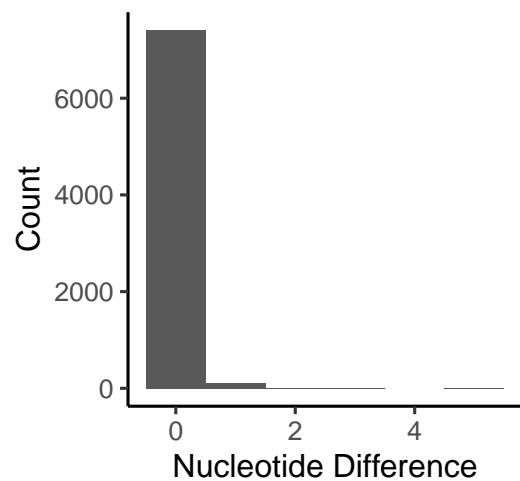
TRBV26*ap01

2 sequences assigned
No exact matches.



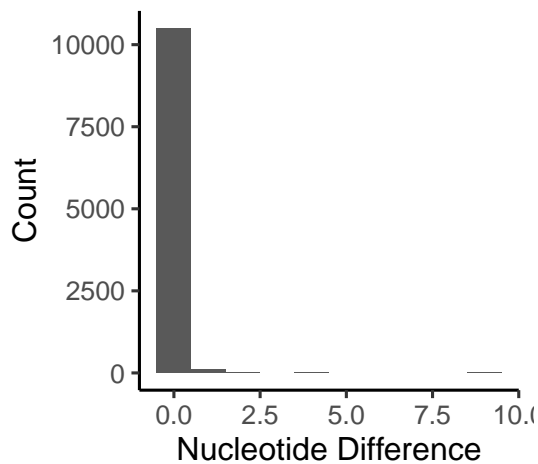
TRBV30*ap01

7524 sequences assigned
7410 (98.5%) exact matches, in which:
7315 unique CDR3
13 unique J



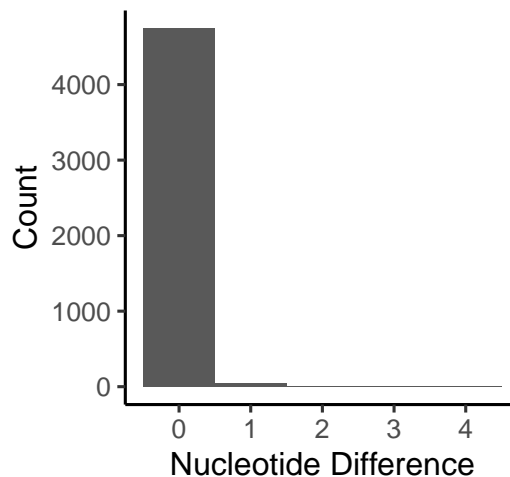
TRBV9*ap01

10611 sequences assigned
10503 (99%) exact matches, in which:
10310 unique CDR3
13 unique J



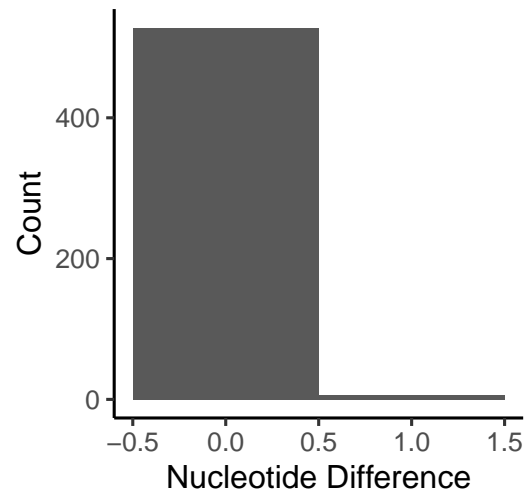
TRBV11-2*ap01

4791 sequences assigned
4744 (99%) exact matches, in which:
4666 unique CDR3
13 unique J



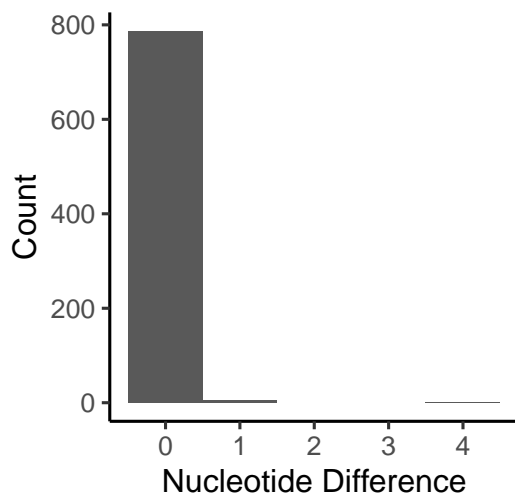
TRBV12-2*ap01

534 sequences assigned
528 (98.9%) exact matches, in which:
517 unique CDR3
13 unique J



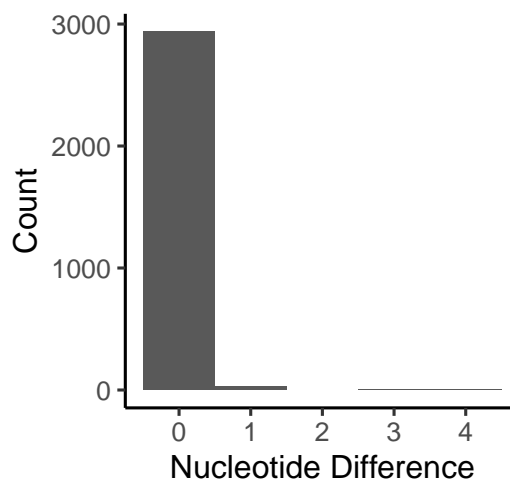
TRBV11-1*ap01

793 sequences assigned
787 (99.2%) exact matches, in which:
768 unique CDR3
13 unique J



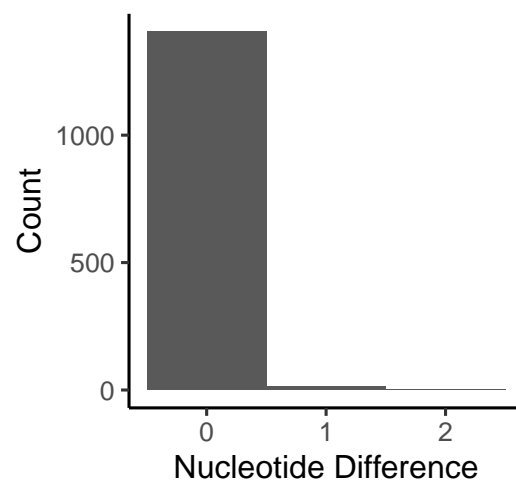
TRBV11-3*ap01

2971 sequences assigned
2937 (98.9%) exact matches, in which:
2886 unique CDR3
13 unique J



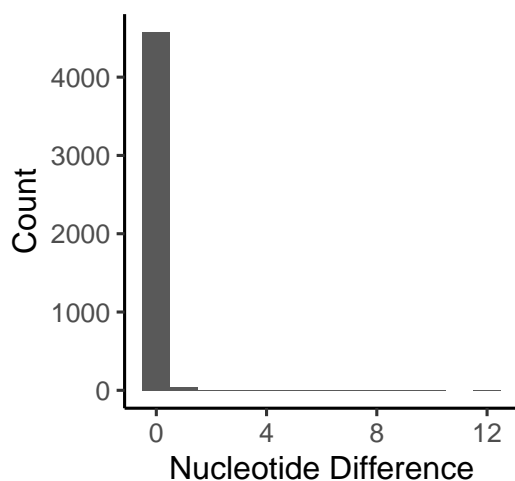
TRBV12-5*ap01

1424 sequences assigned
1406 (98.7%) exact matches, in which:
1383 unique CDR3
13 unique J



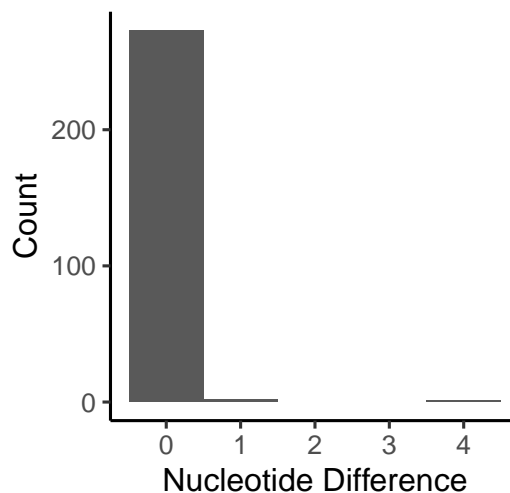
TRBV21-1*ap01

4645 sequences assigned
4576 (98.5%) exact matches, in which:
4501 unique CDR3
13 unique J



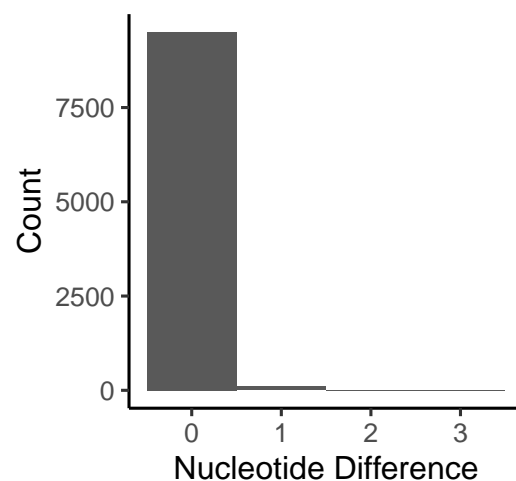
TRBV12-1*ap01

276 sequences assigned
273 (98.9%) exact matches, in which:
269 unique CDR3
13 unique J



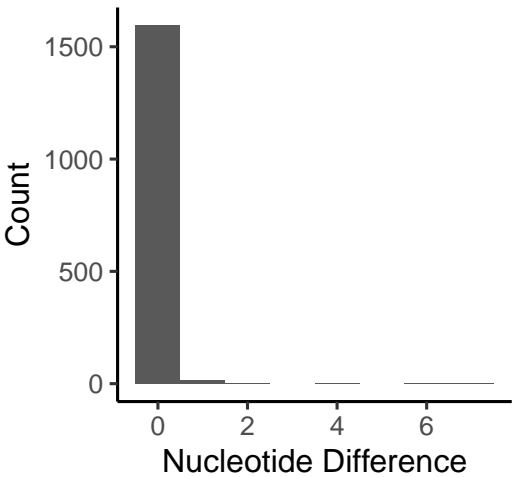
TRBV12-34*ap01

9616 sequences assigned
9502 (98.8%) exact matches, in which:
9308 unique CDR3
13 unique J



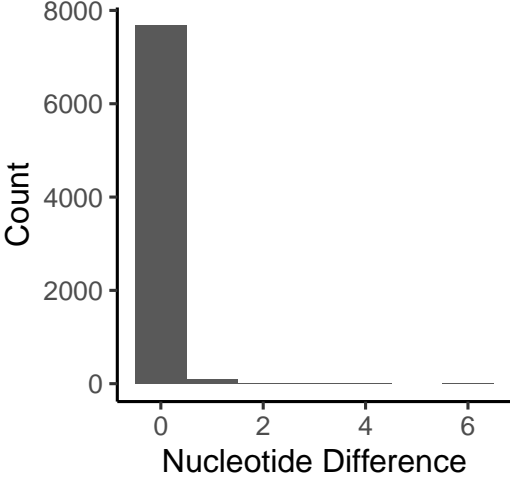
TRBV23-1*ap01

1616 sequences assigned
1595 (98.7%) exact matches, in which:
1568 unique CDR3
13 unique J



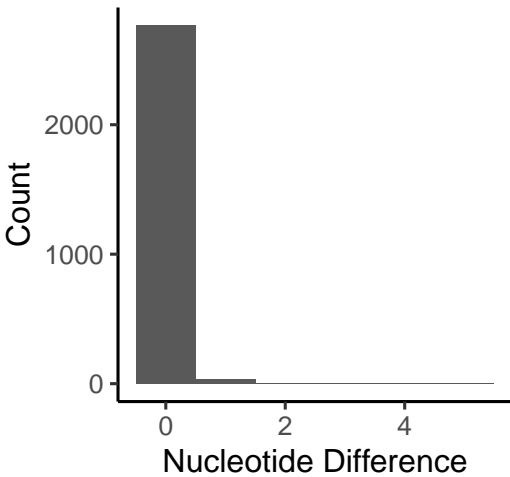
TRBV24-1*ap01

7795 sequences assigned
7679 (98.5%) exact matches, in which:
7544 unique CDR3
13 unique J



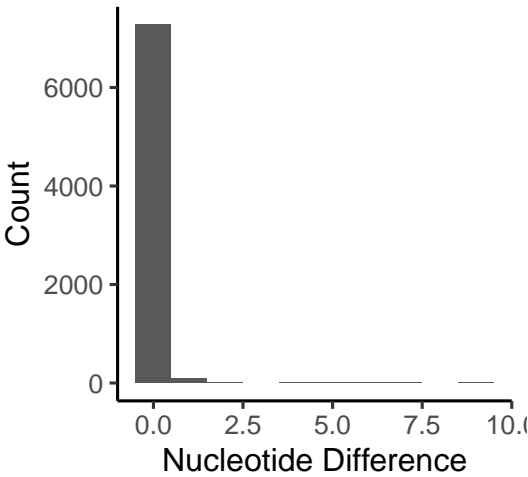
TRBV25-1*ap01

2812 sequences assigned
2767 (98.4%) exact matches, in which:
2717 unique CDR3
13 unique J



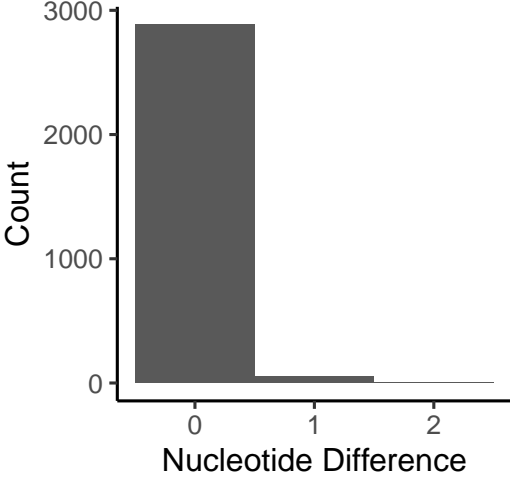
TRBV3-12*ap01

7375 sequences assigned
7274 (98.6%) exact matches, in which:
7135 unique CDR3
13 unique J



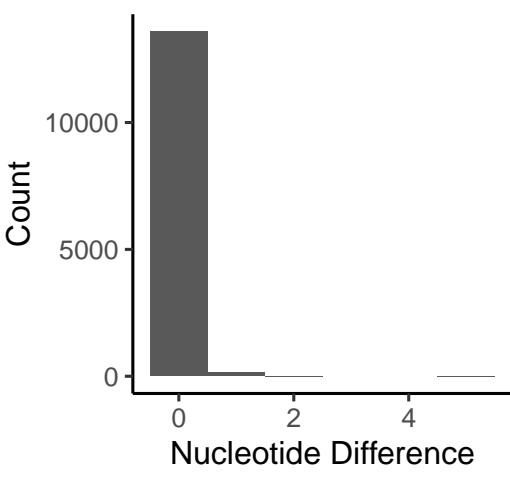
TRBV4-2*ap01

2940 sequences assigned
2884 (98.1%) exact matches, in which:
2812 unique CDR3
13 unique J



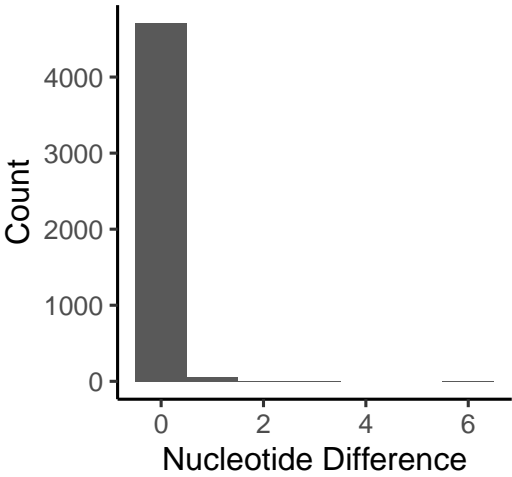
TRBV5-1*ap01

13752 sequences assigned
13589 (98.8%) exact matches, in which:
13242 unique CDR3
13 unique J



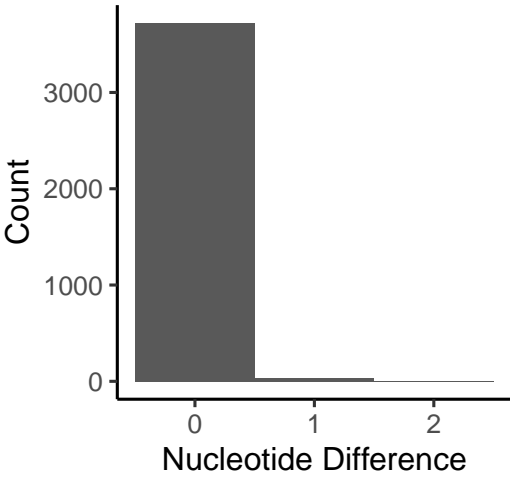
TRBV4-1*ap01

4773 sequences assigned
4710 (98.7%) exact matches, in which:
4620 unique CDR3
13 unique J



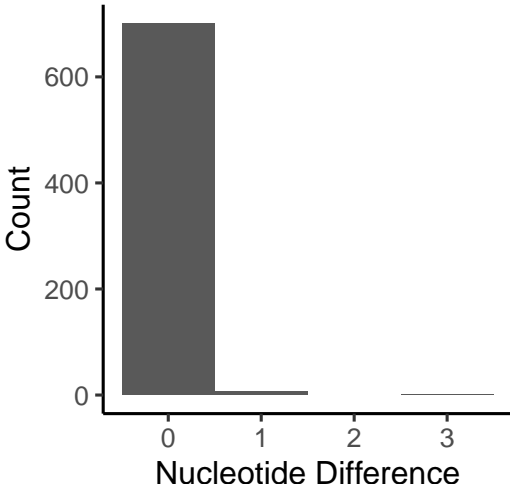
TRBV4-3*ap01

3761 sequences assigned
3721 (98.9%) exact matches, in which:
3637 unique CDR3
13 unique J



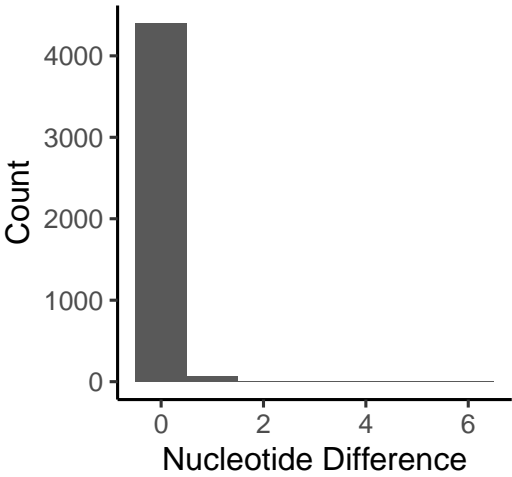
TRBV5-3*ap01

709 sequences assigned
701 (98.9%) exact matches, in which:
691 unique CDR3
13 unique J



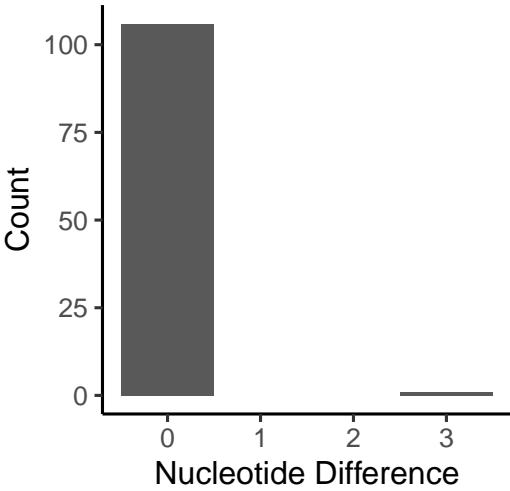
TRBV5-4*ap01

4466 sequences assigned
4398 (98.5%) exact matches, in which:
4290 unique CDR3
13 unique J



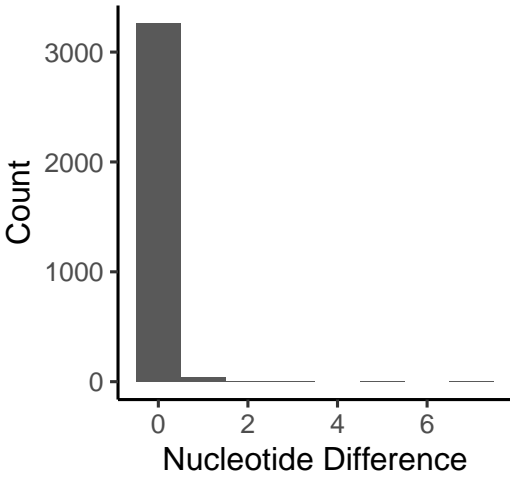
TRBV5-7*ap01

107 sequences assigned
106 (99.1%) exact matches, in which:
104 unique CDR3
12 unique J



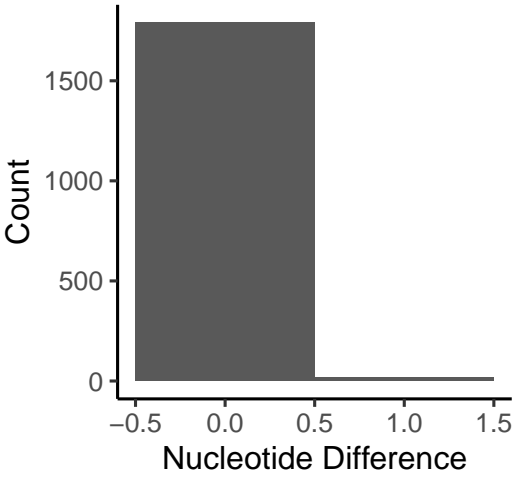
TRBV6-4*ap01

3308 sequences assigned
3261 (98.6%) exact matches, in which:
3204 unique CDR3
13 unique J



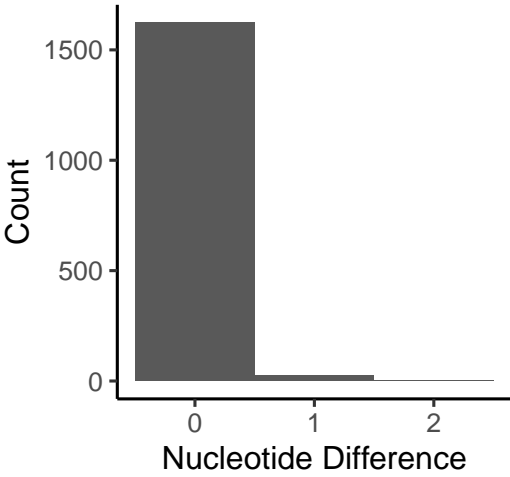
TRBV5-5*ap01

1806 sequences assigned
1790 (99.1%) exact matches, in which:
1768 unique CDR3
13 unique J



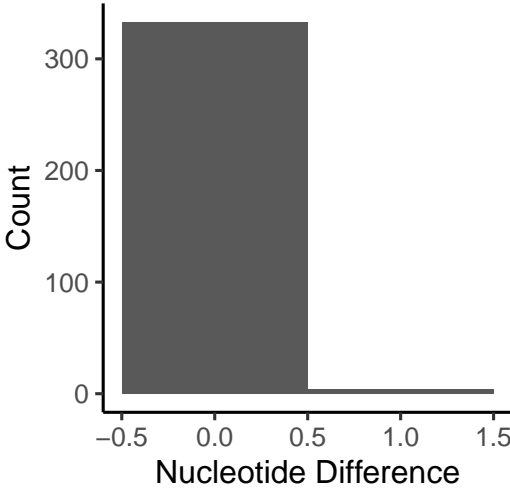
TRBV5-8*ap01

1650 sequences assigned
1623 (98.4%) exact matches, in which:
1594 unique CDR3
13 unique J



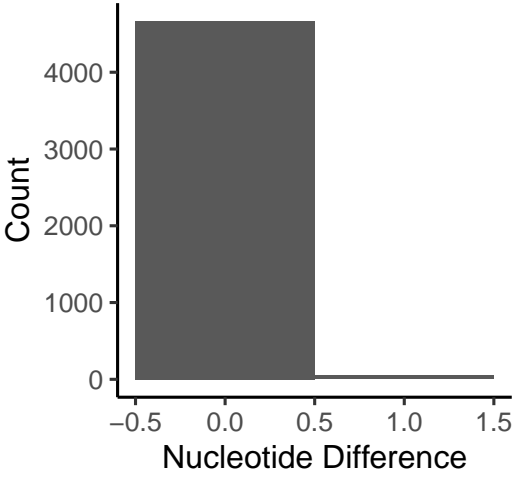
TRBV6-7*ap01

337 sequences assigned
333 (98.8%) exact matches, in which:
325 unique CDR3
13 unique J



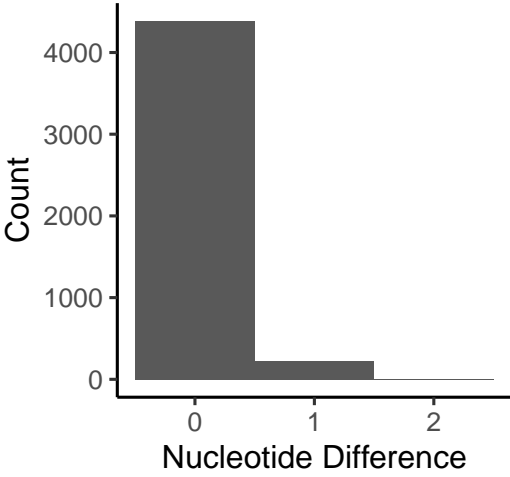
TRBV5-6*ap01

4718 sequences assigned
4667 (98.9%) exact matches, in which:
4547 unique CDR3
13 unique J



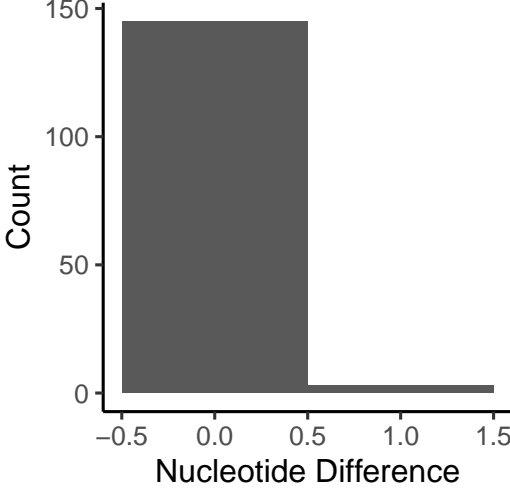
TRBV6-1*ap01

4609 sequences assigned
4385 (95.1%) exact matches, in which:
4277 unique CDR3
13 unique J



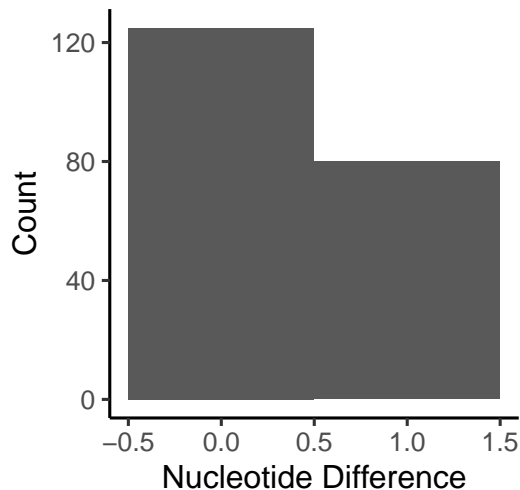
TRBV6-8*ap01

148 sequences assigned
145 (98%) exact matches, in which:
144 unique CDR3
13 unique J



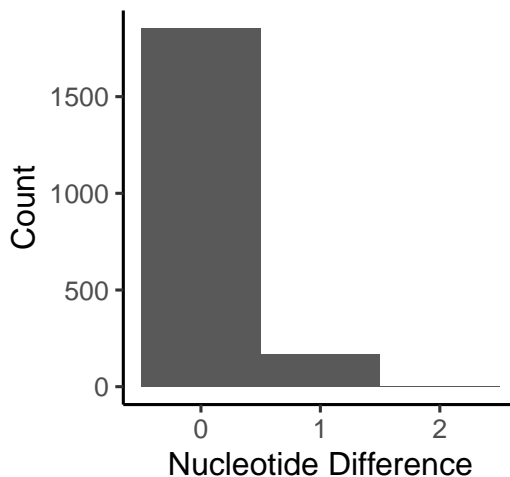
TRBV6-9*ap01

205 sequences assigned
125 (61%) exact matches, in which:
124 unique CDR3
13 unique J



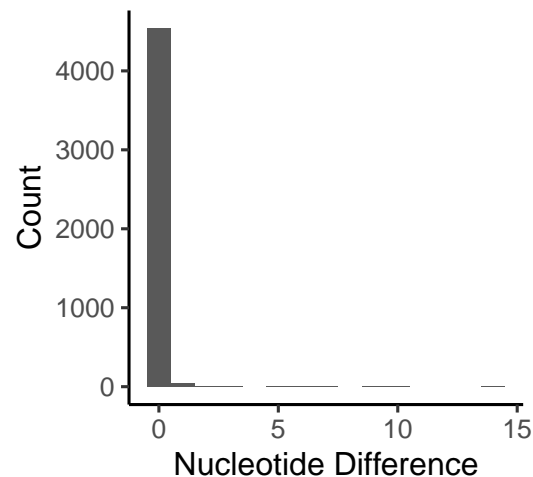
TRBV6-56*ap02

2023 sequences assigned
1853 (91.6%) exact matches, in which:
1797 unique CDR3
13 unique J



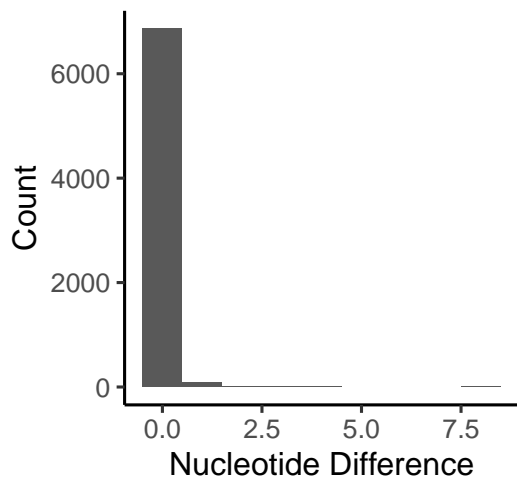
TRBV7-3*ap01

4585 sequences assigned
4538 (99%) exact matches, in which:
4468 unique CDR3
13 unique J



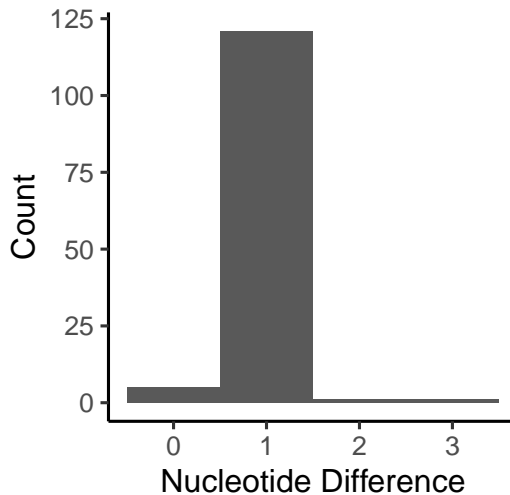
TRBV6-23*ap01

6948 sequences assigned
6862 (98.8%) exact matches, in which:
6664 unique CDR3
13 unique J



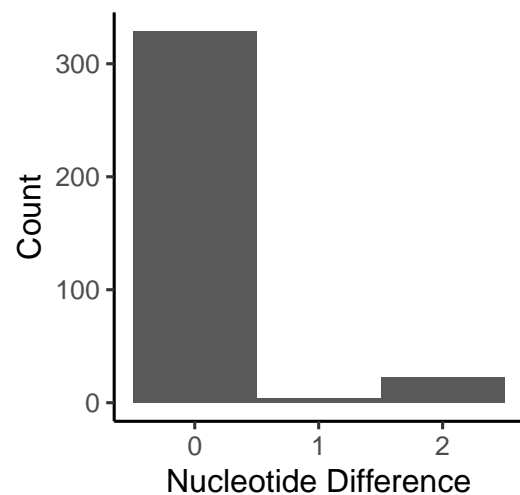
TRBV7-1*ap01_T296C

128 sequences assigned
5 (3.9%) exact matches, in which:
5 unique CDR3
3 unique J



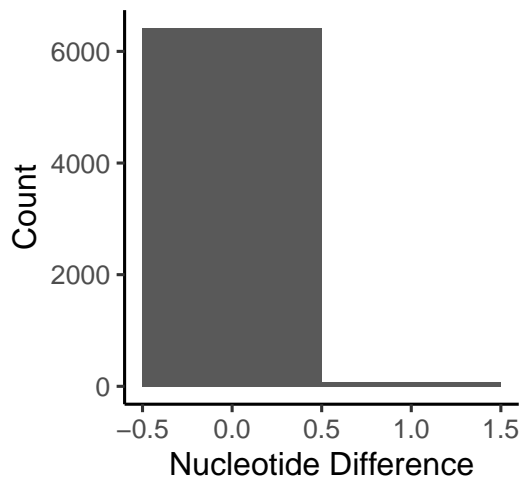
TRBV7-4*ap01

356 sequences assigned
329 (92.4%) exact matches, in which:
326 unique CDR3
13 unique J



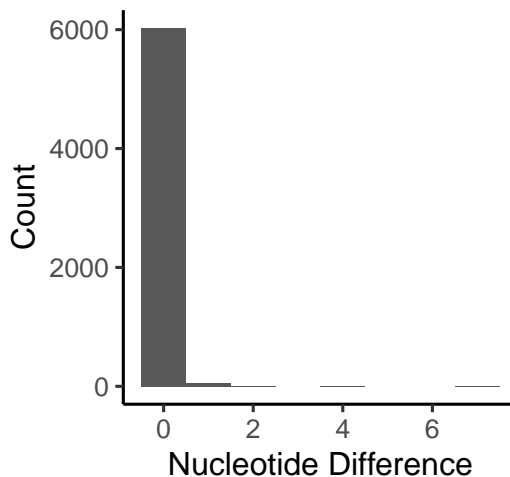
TRBV6-56*ap01

6498 sequences assigned
6418 (98.8%) exact matches, in which:
6250 unique CDR3
13 unique J



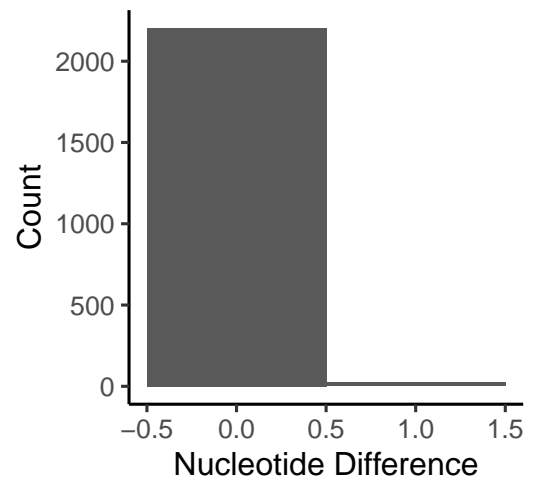
TRBV7-2*ap01

6089 sequences assigned
6027 (99%) exact matches, in which:
5919 unique CDR3
13 unique J



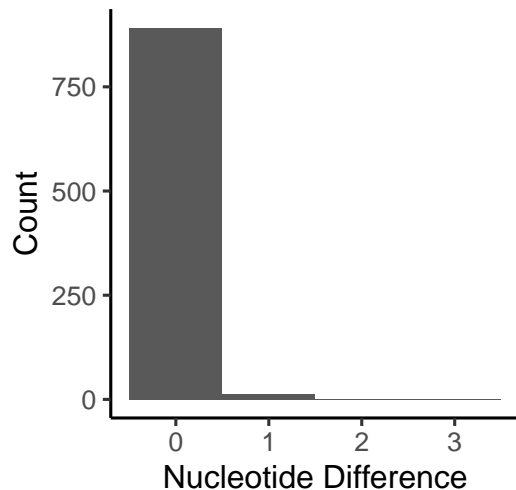
TRBV7-6*ap01

2227 sequences assigned
2204 (99%) exact matches, in which:
2159 unique CDR3
13 unique J



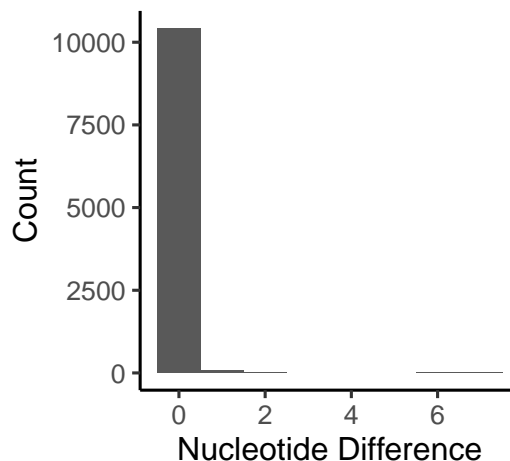
TRBV7-7*ap01_C315T

906 sequences assigned
892 (98.5%) exact matches, in which:
873 unique CDR3
14 unique J



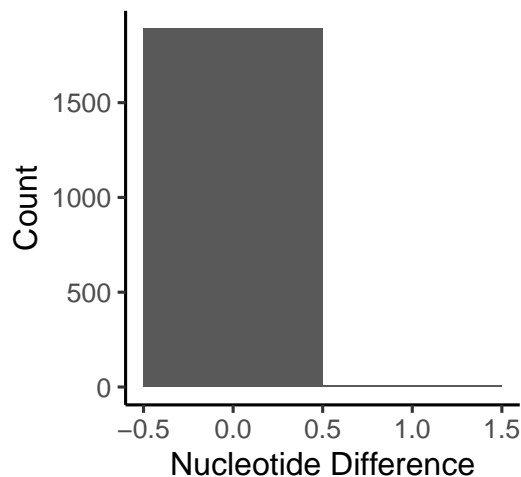
TRBV7-9*ap01

10516 sequences assigned
10426 (99.1%) exact matches, in which:
10262 unique CDR3
13 unique J



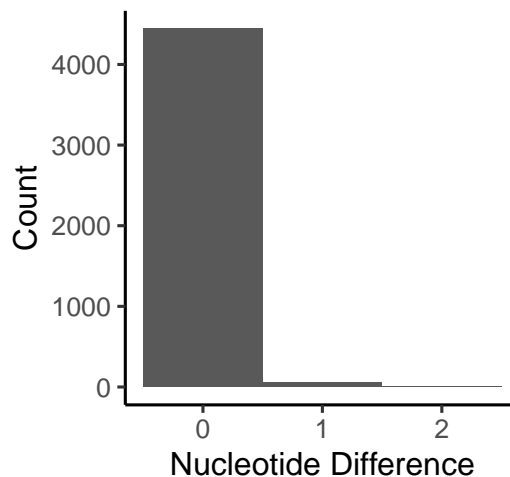
TRBV7-8*ap01

1900 sequences assigned
1890 (99.5%) exact matches, in which:
1839 unique CDR3
13 unique J



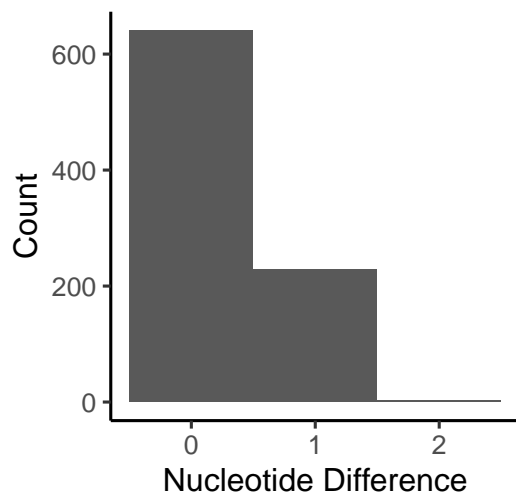
TRBV29-1*ap01

4502 sequences assigned
4443 (98.7%) exact matches, in which:
4363 unique CDR3
13 unique J



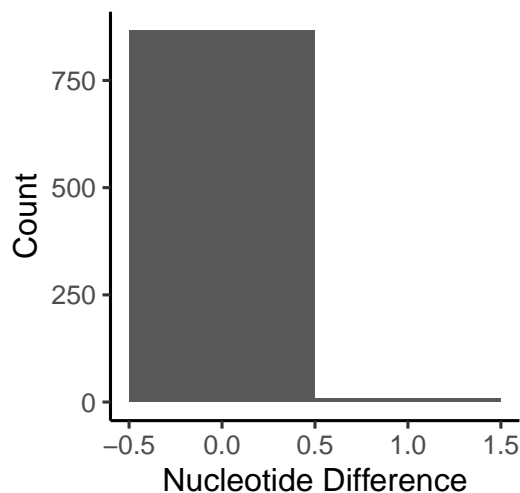
TRBV7-8*ap03

873 sequences assigned
641 (73.4%) exact matches, in which:
635 unique CDR3
13 unique J

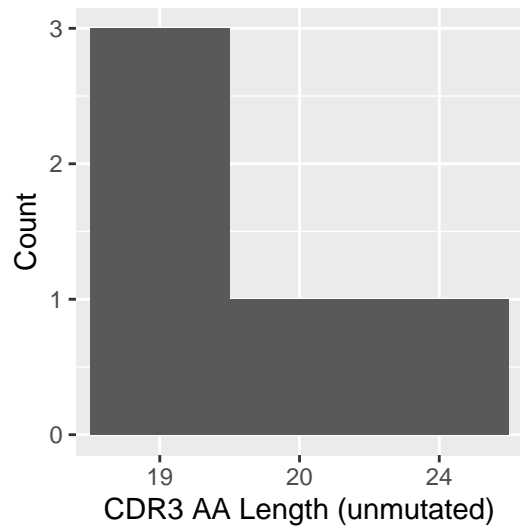


TRBV29-1*ap02

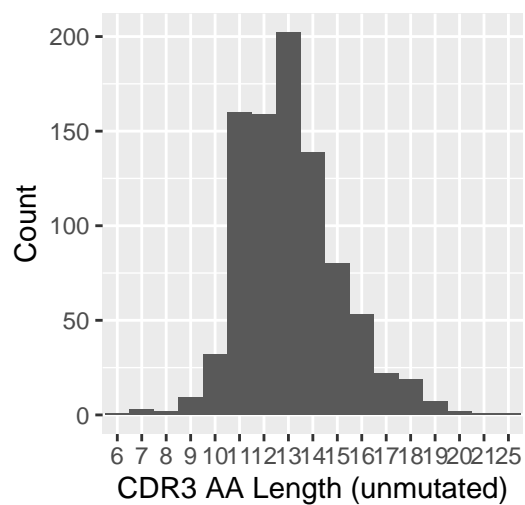
876 sequences assigned
867 (99%) exact matches, in which:
857 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.