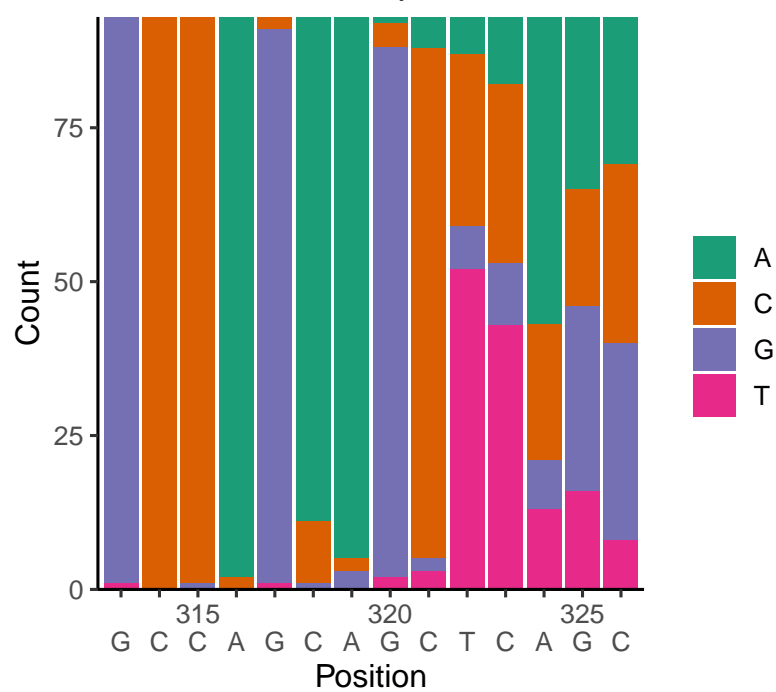
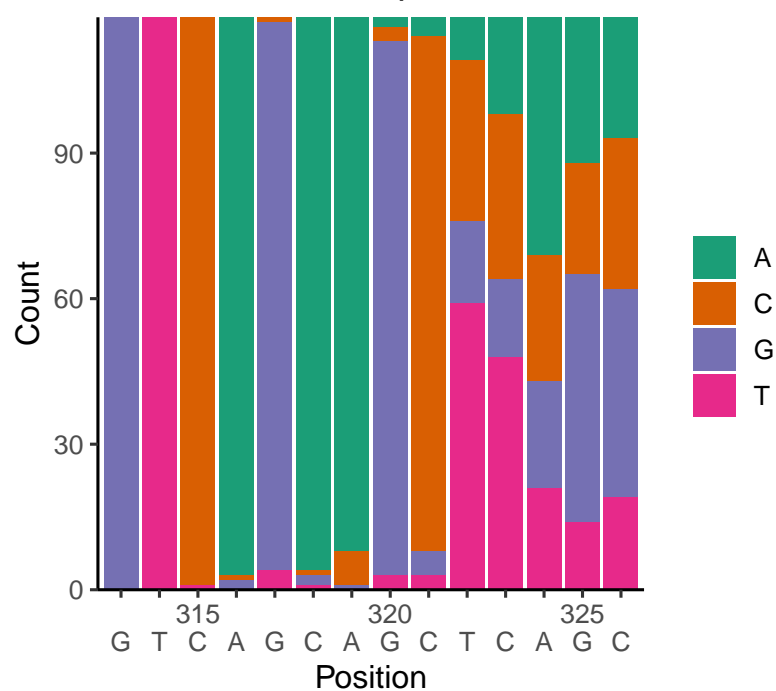


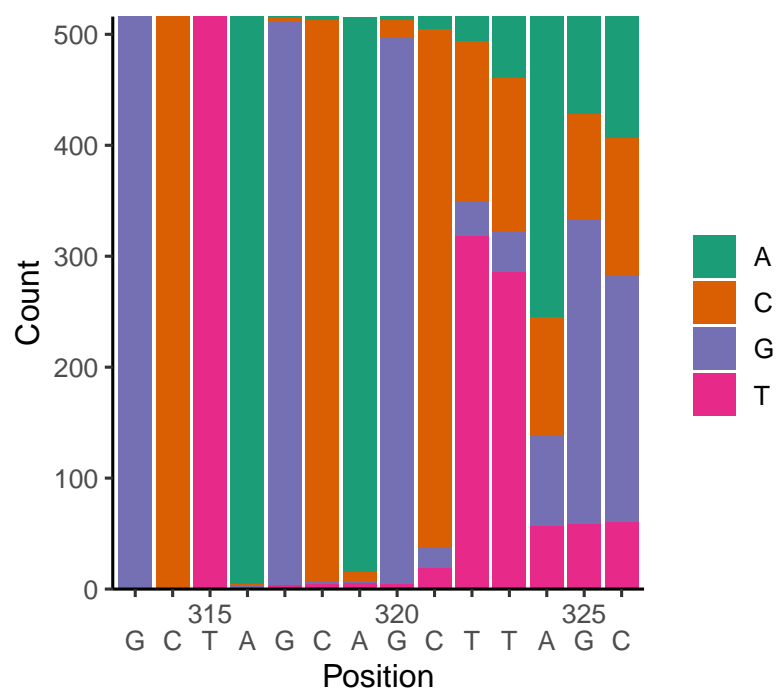
Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C



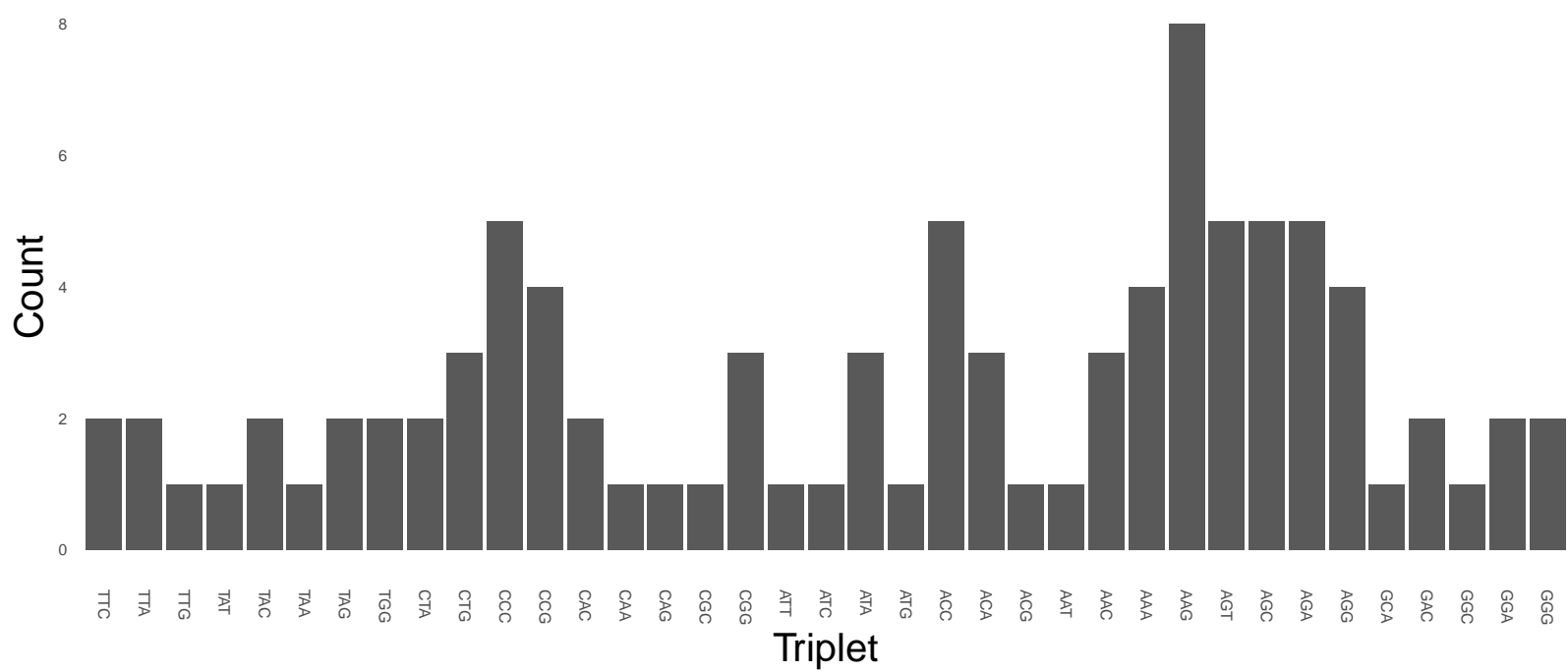
Gene TRBV7-1*ap01_G291C_T296C_C314T



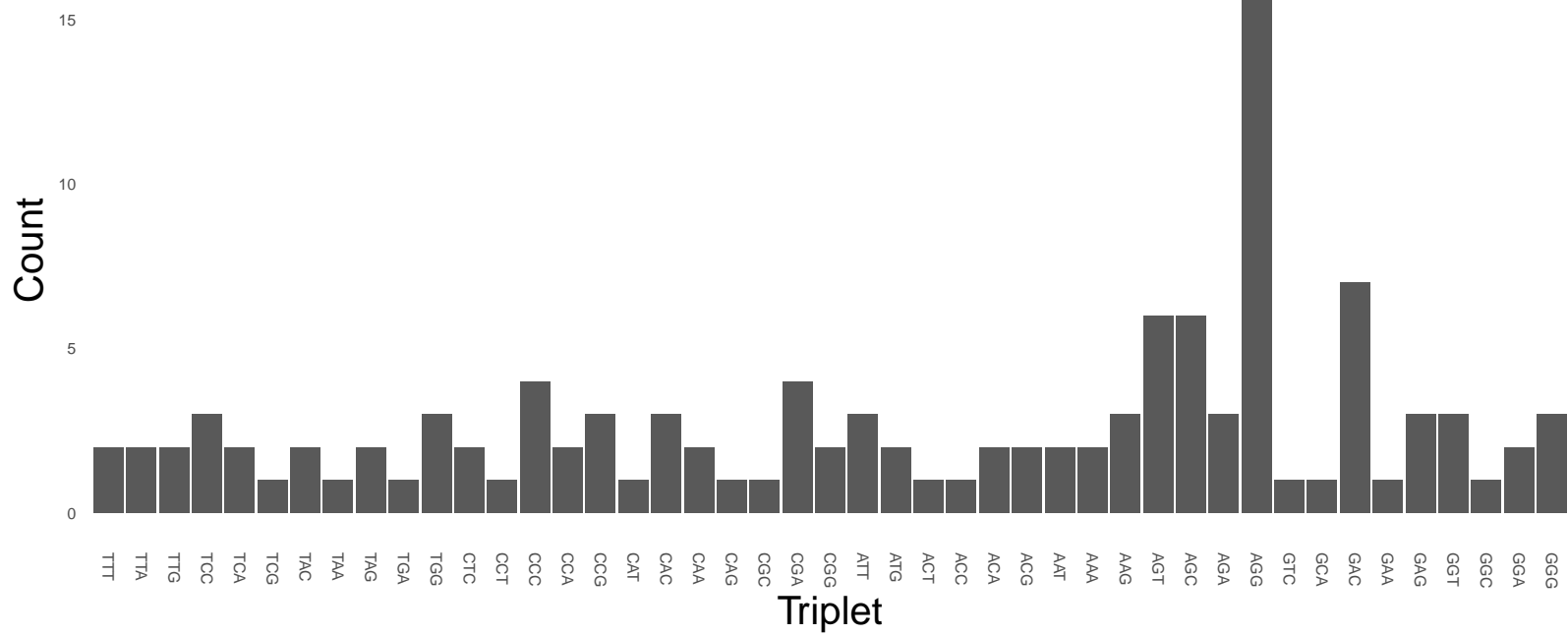
Gene TRBV7-7*ap01_C315T



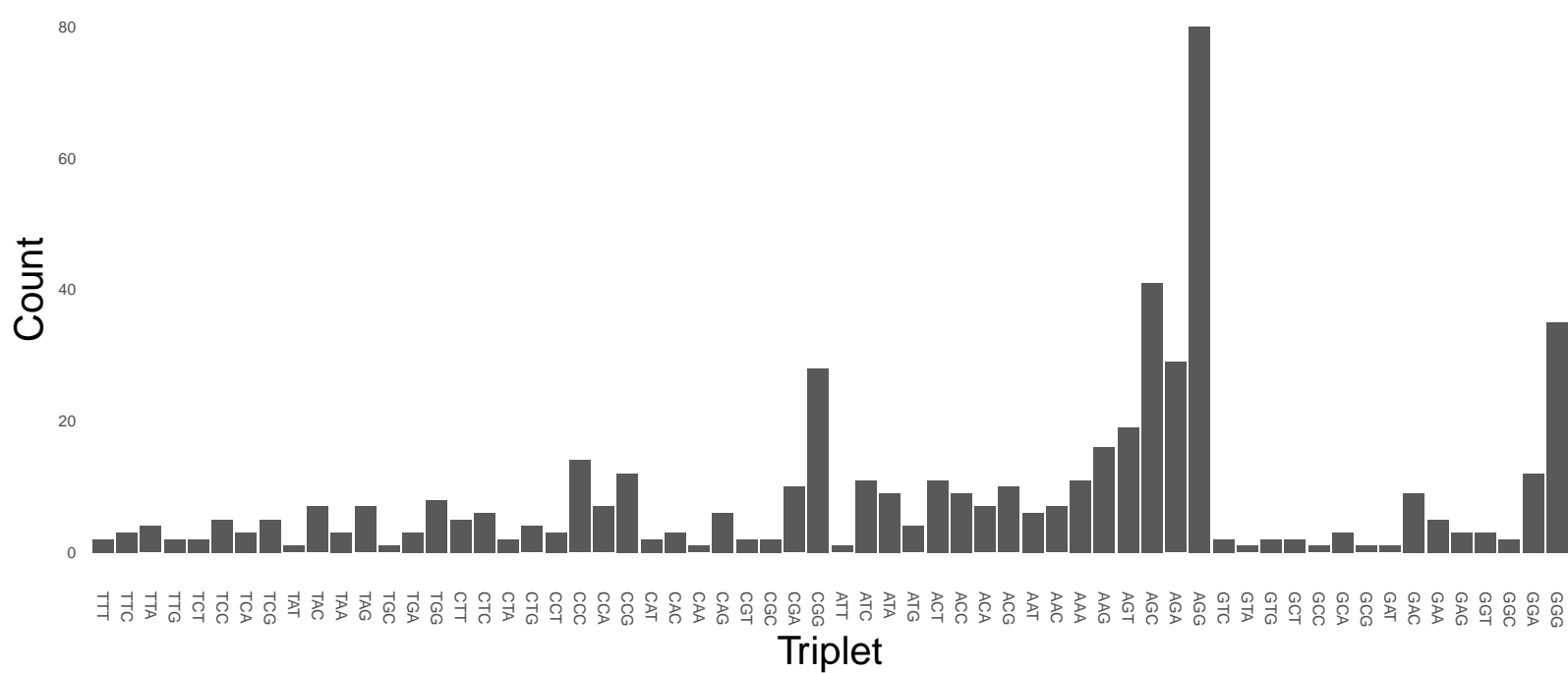
TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



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

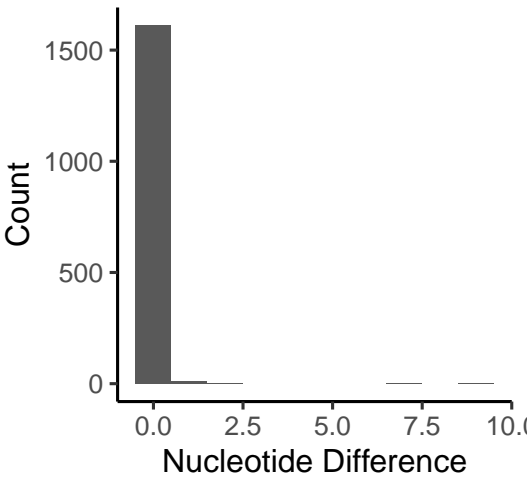


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



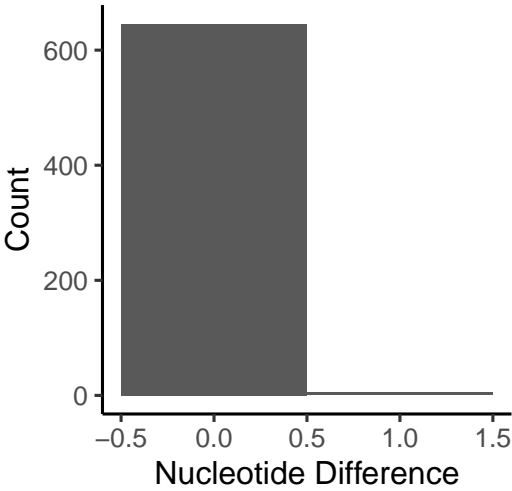
TRBV10-1*ap01

1628 sequences assigned
1611 (99%) exact matches, in which:
1576 unique CDR3
13 unique J



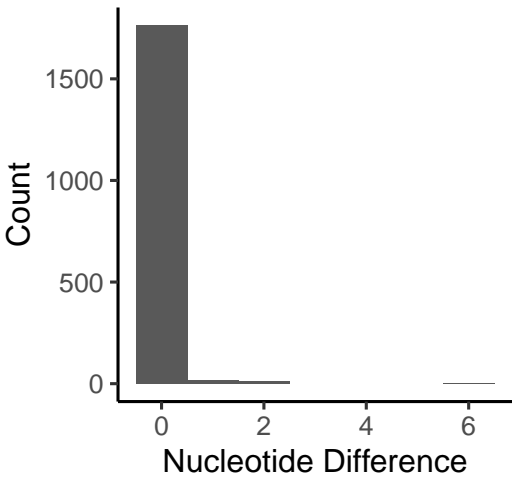
TRBV10-2*ap01

651 sequences assigned
646 (99.2%) exact matches, in which:
634 unique CDR3
13 unique J



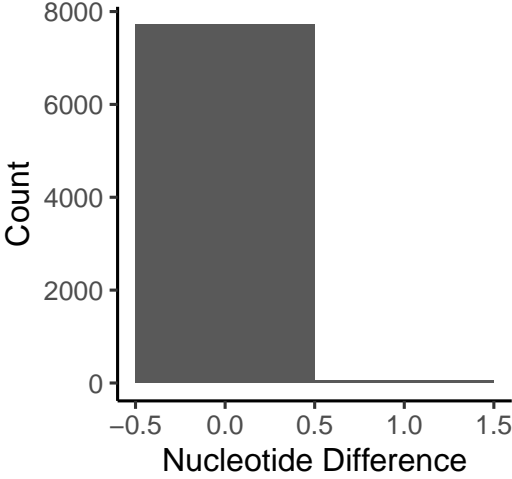
TRBV13*ap01

1796 sequences assigned
1763 (98.2%) exact matches, in which:
1715 unique CDR3
13 unique J



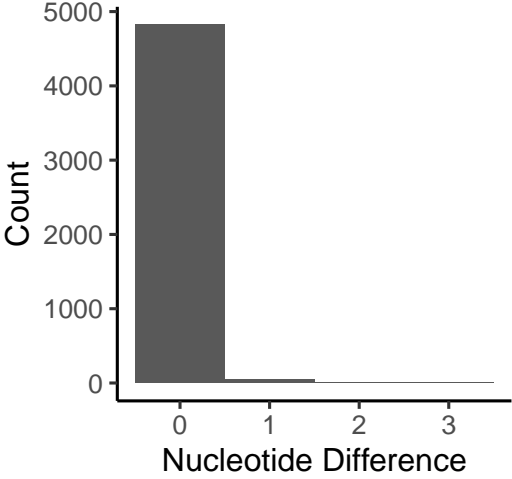
TRBV20-1*ap01

7778 sequences assigned
7716 (99.2%) exact matches, in which:
7589 unique CDR3
13 unique J



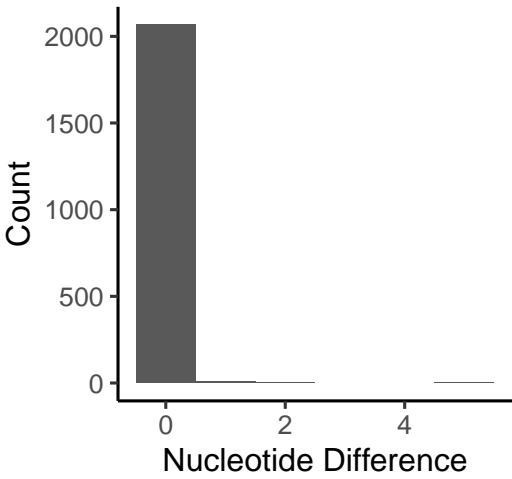
TRBV10-3*ap01

4873 sequences assigned
4823 (99%) exact matches, in which:
4743 unique CDR3
13 unique J



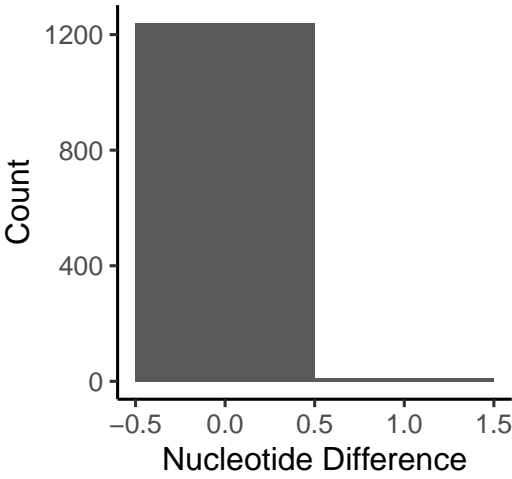
TRBV14*ap01

2077 sequences assigned
2067 (99.5%) exact matches, in which:
2035 unique CDR3
13 unique J



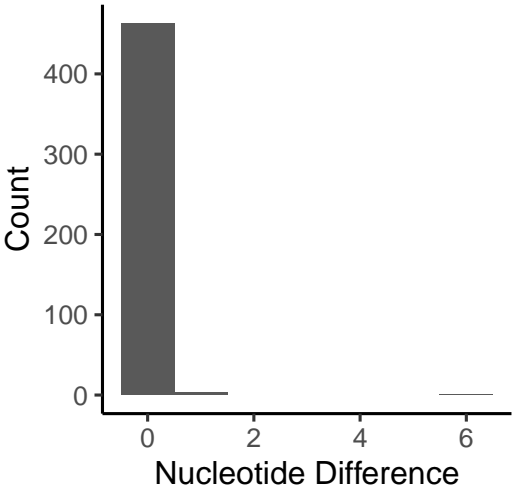
TRBV20-1*ap02

1252 sequences assigned
1240 (99%) exact matches, in which:
1224 unique CDR3
13 unique J



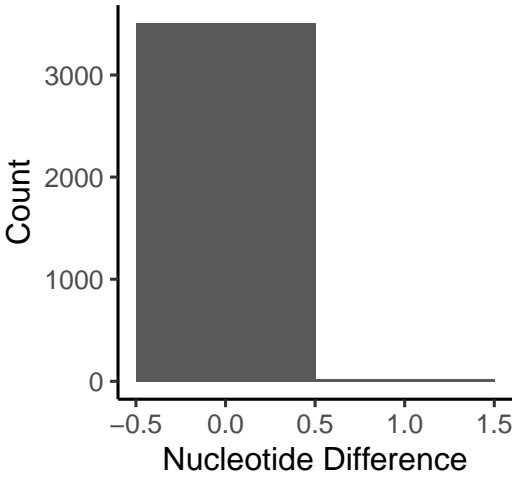
TRBV1*ap01

467 sequences assigned
463 (99.1%) exact matches, in which:
441 unique CDR3
13 unique J



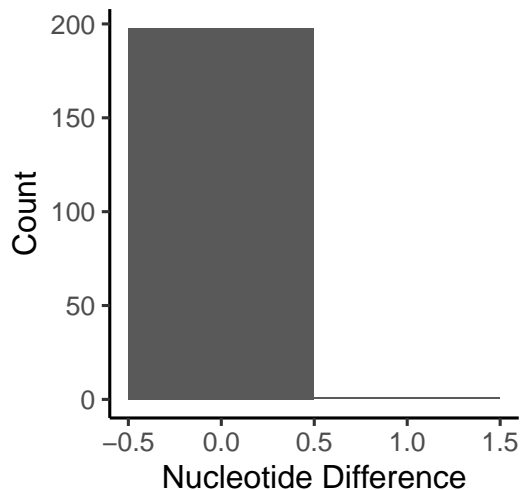
TRBV15*ap02

3532 sequences assigned
3509 (99.3%) exact matches, in which:
3424 unique CDR3
13 unique J



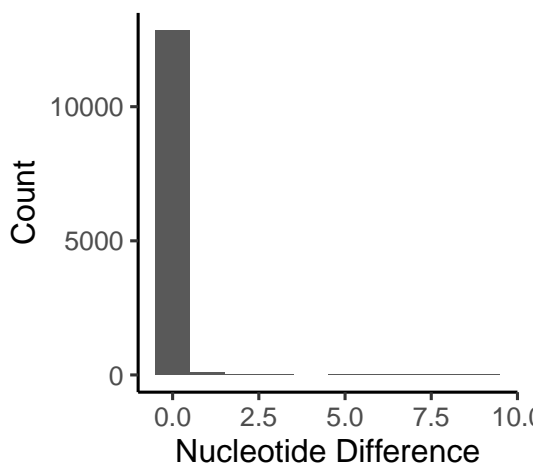
TRBV16*ap01

199 sequences assigned
198 (99.5%) exact matches, in which:
195 unique CDR3
13 unique J



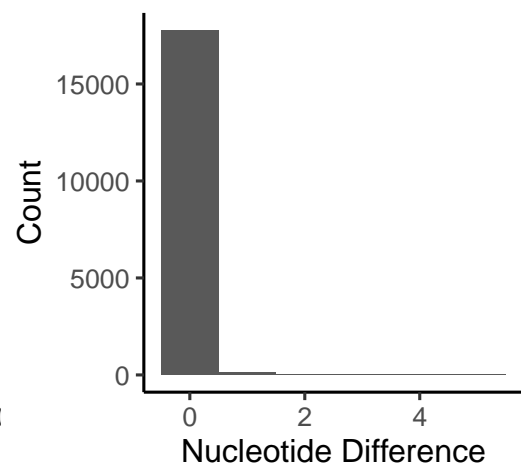
TRBV19*ap01

12959 sequences assigned
12854 (99.2%) exact matches, in which:
12735 unique CDR3
13 unique J



TRBV28*ap01

17908 sequences assigned
17775 (99.3%) exact matches, in which:
17532 unique CDR3
13 unique J



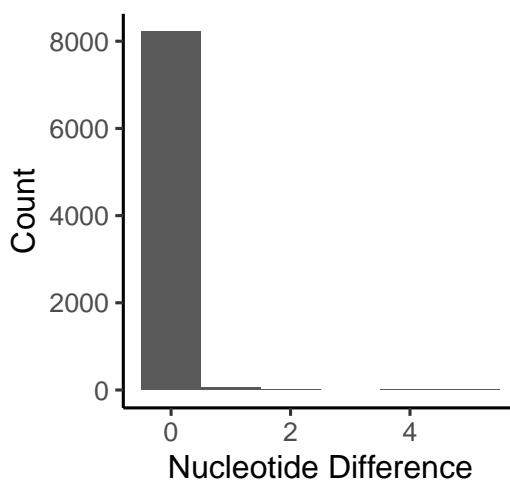
TRBV17*ap01

1 sequences assigned
No exact matches.



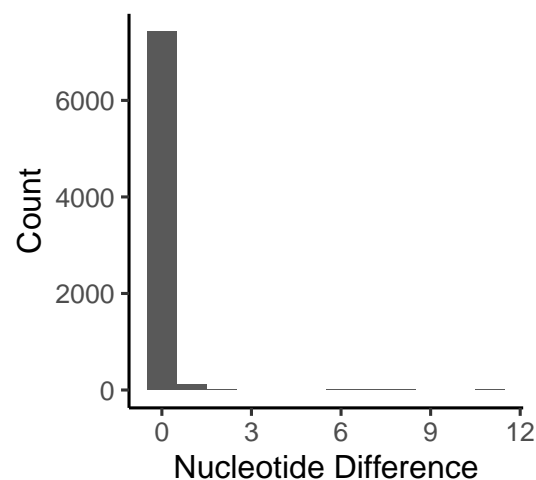
TRBV2*ap01

8280 sequences assigned
8218 (99.3%) exact matches, in which:
8084 unique CDR3
13 unique J



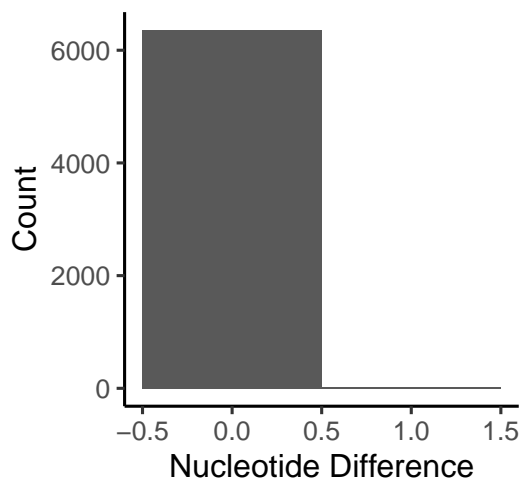
TRBV30*ap01

7537 sequences assigned
7423 (98.5%) exact matches, in which:
7251 unique CDR3
13 unique J



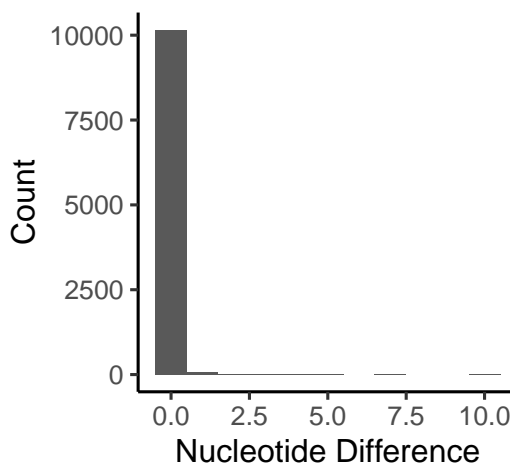
TRBV18*ap01

6381 sequences assigned
6358 (99.6%) exact matches, in which:
6295 unique CDR3
13 unique J



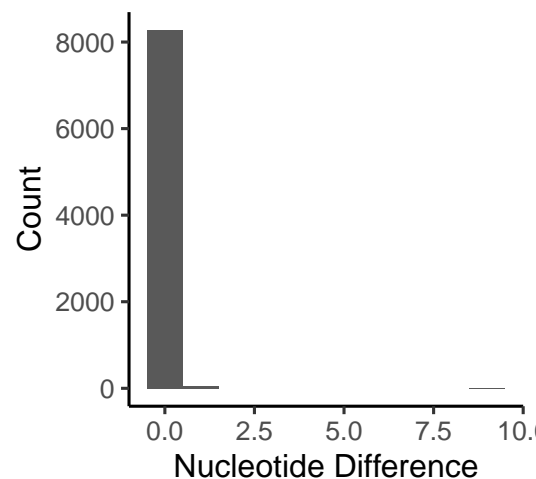
TRBV27*ap01

10247 sequences assigned
10159 (99.1%) exact matches, in which:
9939 unique CDR3
13 unique J



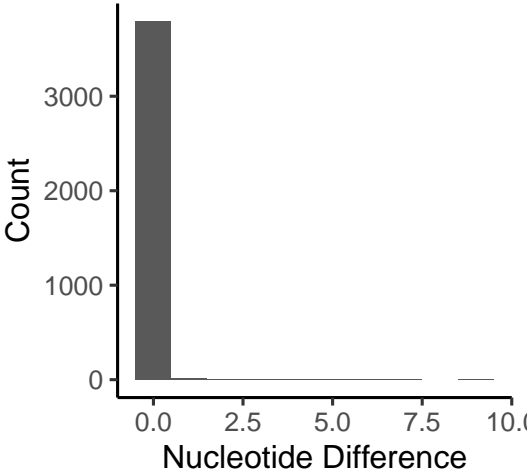
TRBV9*ap01

8327 sequences assigned
8277 (99.4%) exact matches, in which:
8189 unique CDR3
13 unique J



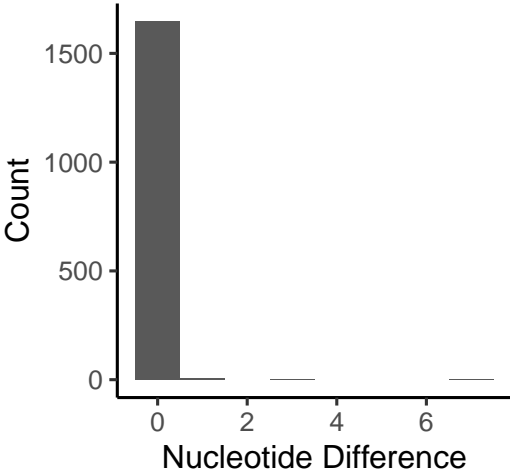
TRBV21-1*ap01

3825 sequences assigned
3792 (99.1%) exact matches, in which:
3766 unique CDR3
13 unique J



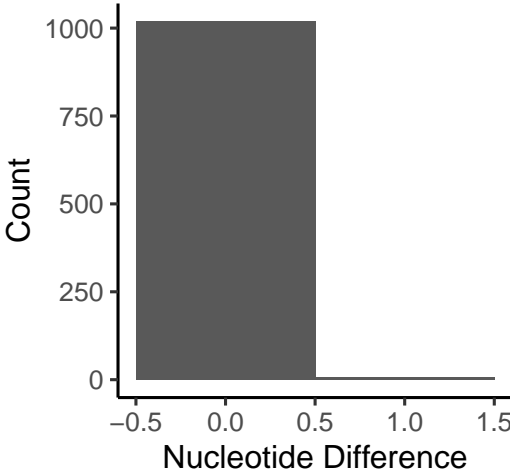
TRBV11-3*ap01

1658 sequences assigned
1647 (99.3%) exact matches, in which:
1634 unique CDR3
13 unique J



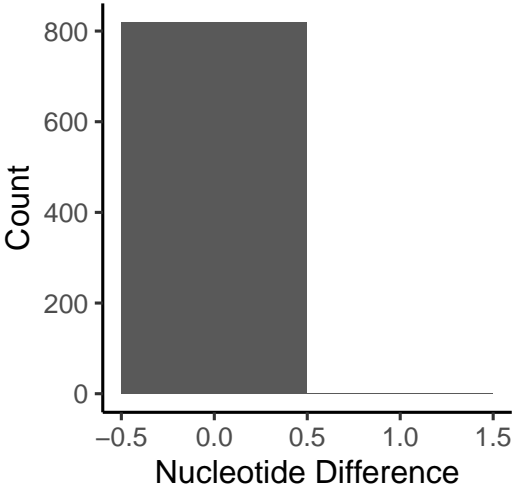
TRBV12-5*ap01

1026 sequences assigned
1019 (99.3%) exact matches, in which:
1002 unique CDR3
13 unique J



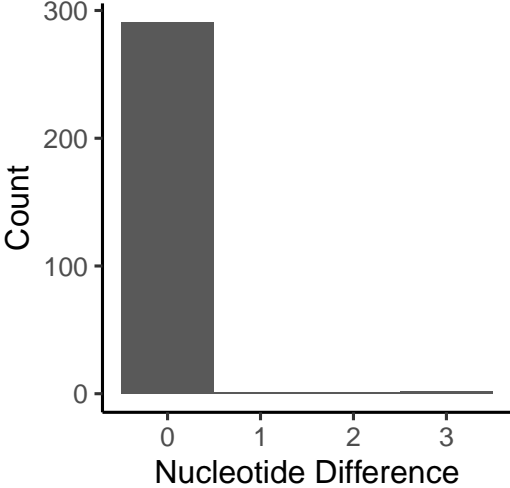
TRBV11-1*ap01

821 sequences assigned
820 (99.9%) exact matches, in which:
813 unique CDR3
13 unique J



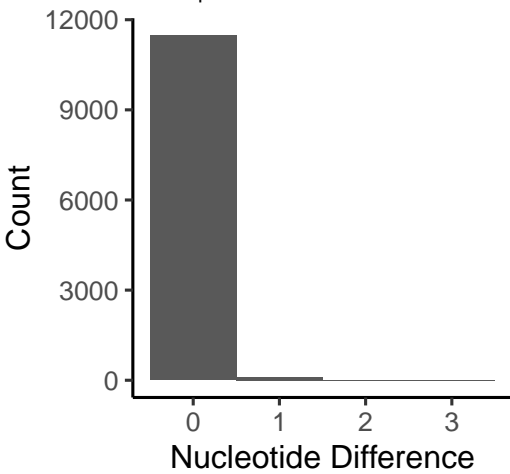
TRBV12-1*ap01

295 sequences assigned
291 (98.6%) exact matches, in which:
288 unique CDR3
13 unique J



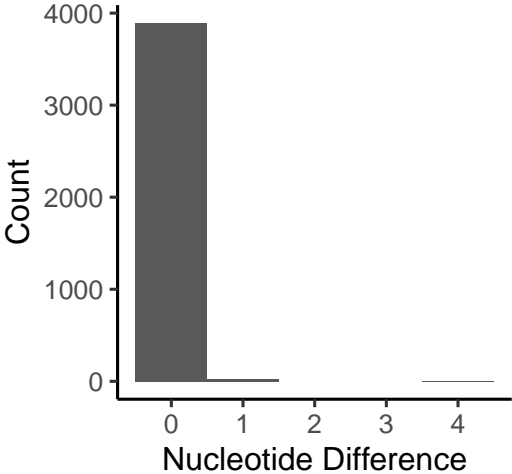
TRBV12-34*ap01

11595 sequences assigned
11476 (99%) exact matches, in which:
11279 unique CDR3
13 unique J



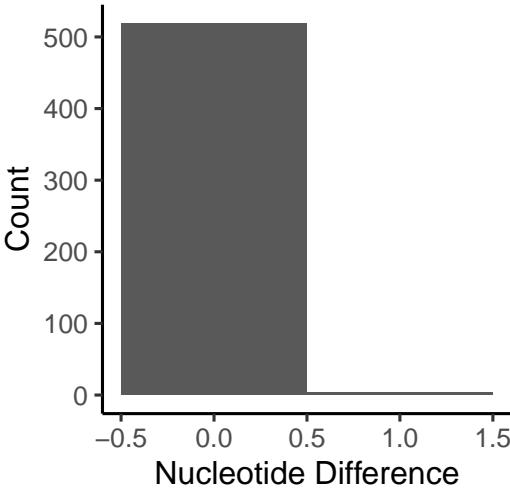
TRBV11-2*ap01

3915 sequences assigned
3892 (99.4%) exact matches, in which:
3859 unique CDR3
13 unique J



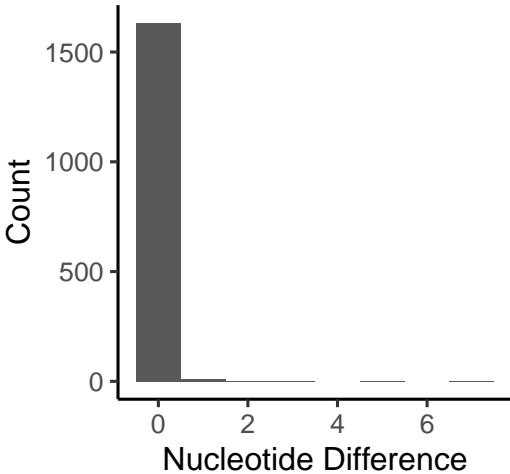
TRBV12-2*ap01

523 sequences assigned
519 (99.2%) exact matches, in which:
513 unique CDR3
13 unique J



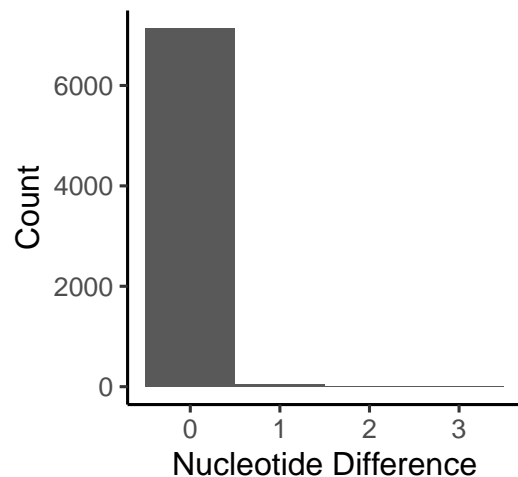
TRBV23-1*ap01

1647 sequences assigned
1632 (99.1%) exact matches, in which:
1604 unique CDR3
13 unique J



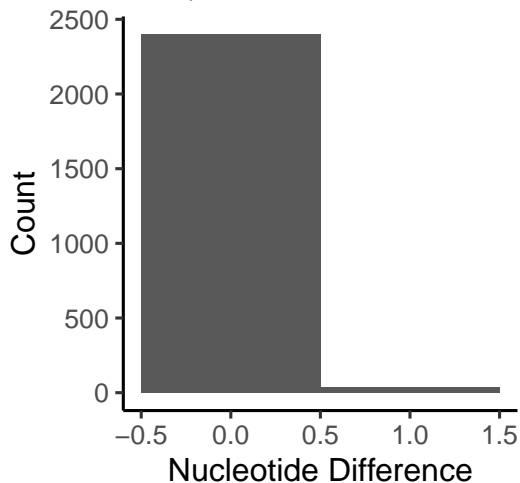
TRBV3-12*ap01

7188 sequences assigned
7137 (99.3%) exact matches, in which:
7078 unique CDR3
13 unique J



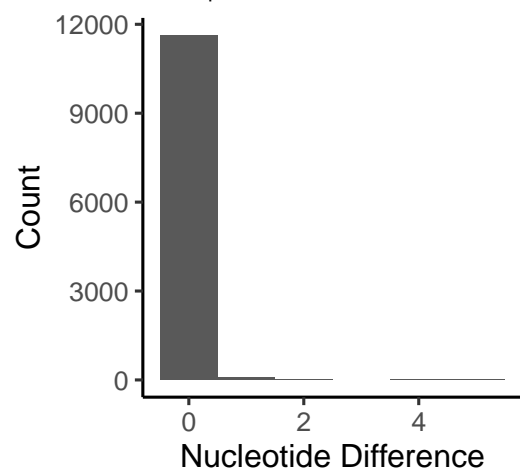
TRBV4-2*ap01

2437 sequences assigned
2399 (98.4%) exact matches, in which:
2339 unique CDR3
13 unique J



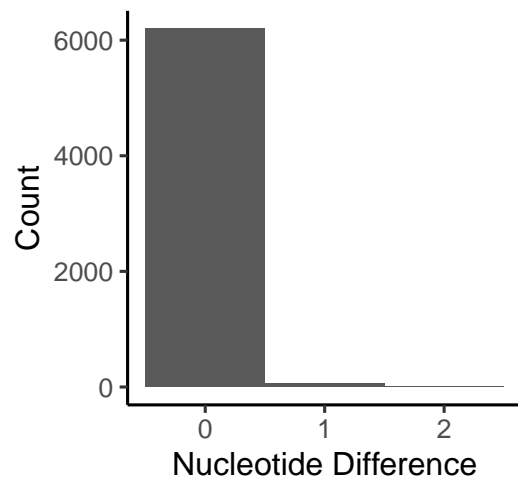
TRBV5-1*ap01

11724 sequences assigned
11634 (99.2%) exact matches, in which:
11336 unique CDR3
13 unique J



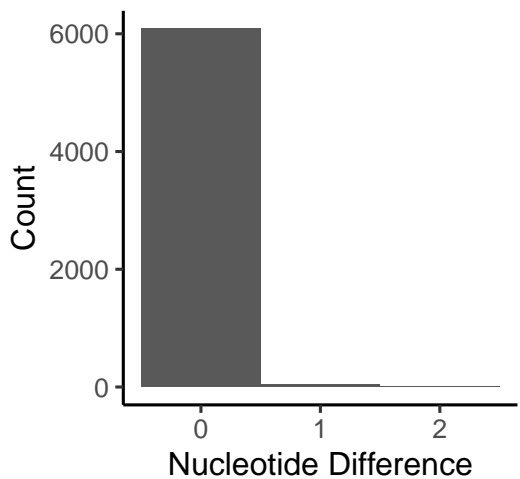
TRBV4-1*ap01

6265 sequences assigned
6198 (98.9%) exact matches, in which:
6056 unique CDR3
13 unique J



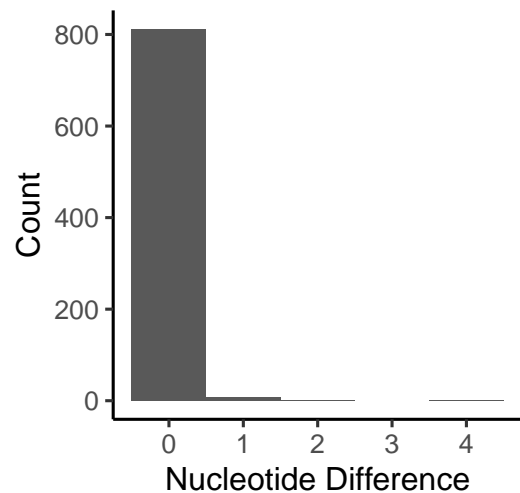
TRBV4-3*ap01

6135 sequences assigned
6086 (99.2%) exact matches, in which:
5949 unique CDR3
13 unique J



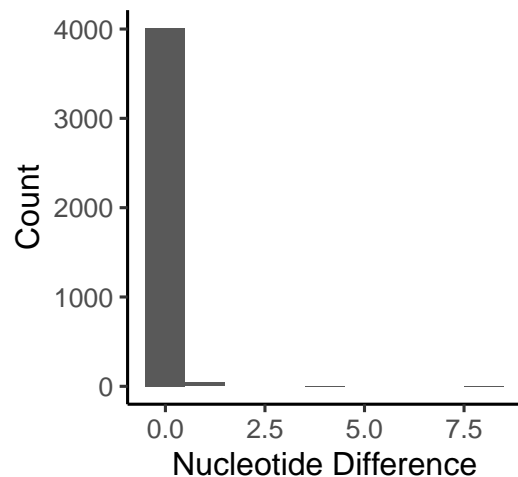
TRBV5-3*ap01

821 sequences assigned
812 (98.9%) exact matches, in which:
797 unique CDR3
13 unique J



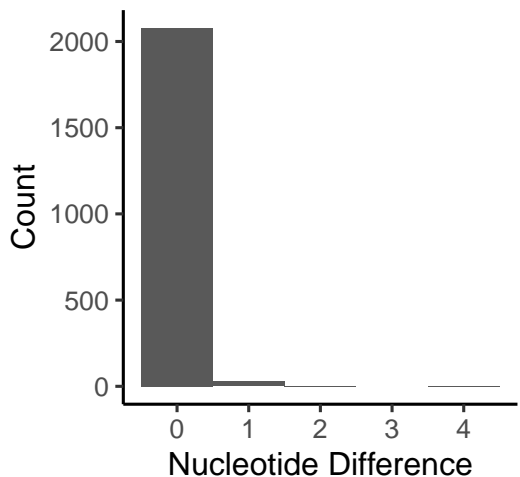
TRBV24-1*ap01

4054 sequences assigned
4011 (98.9%) exact matches, in which:
3916 unique CDR3
13 unique J



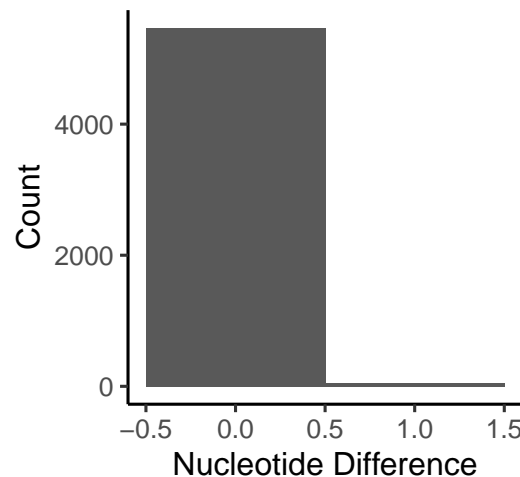
TRBV25-1*ap01

2110 sequences assigned
2078 (98.5%) exact matches, in which:
2018 unique CDR3
13 unique J



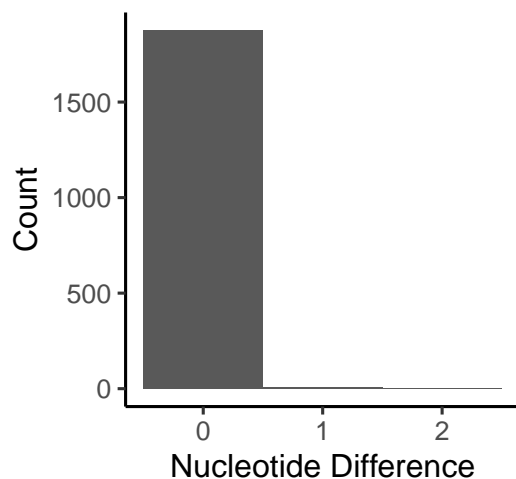
TRBV5-4*ap01

5521 sequences assigned
5466 (99%) exact matches, in which:
5341 unique CDR3
13 unique J



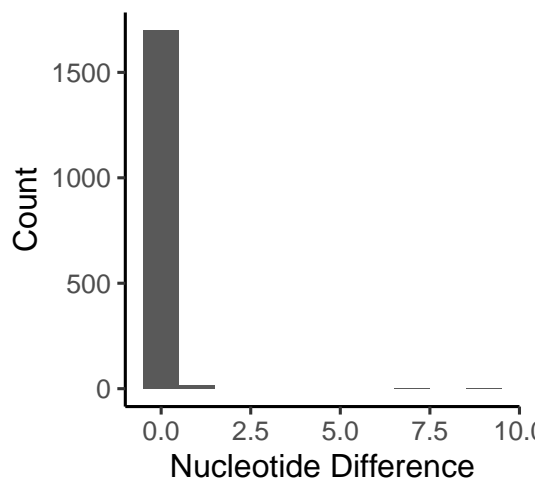
TRBV5-5*ap01

1884 sequences assigned
1875 (99.5%) exact matches, in which:
1852 unique CDR3
13 unique J



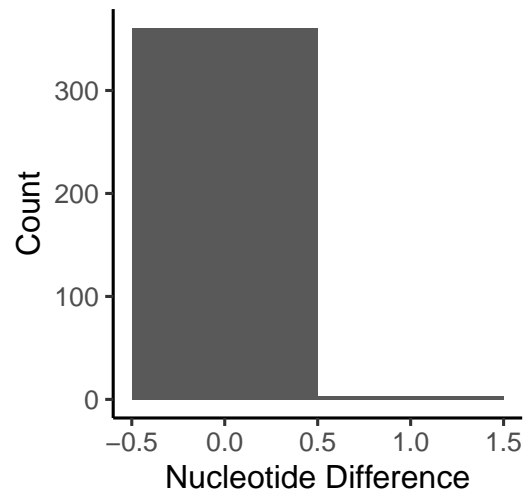
TRBV5-8*ap01

1718 sequences assigned
1699 (98.9%) exact matches, in which:
1672 unique CDR3
13 unique J



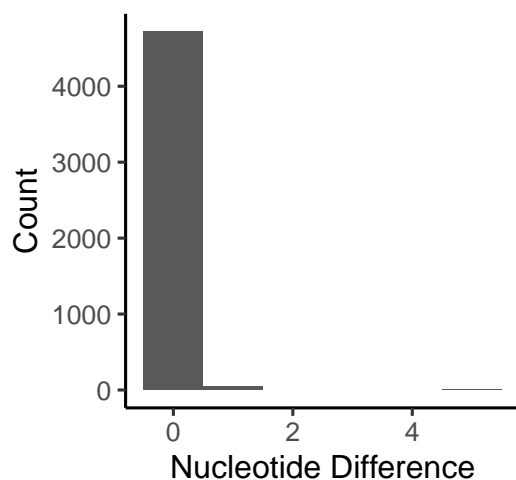
TRBV6-7*ap01

364 sequences assigned
361 (99.2%) exact matches, in which:
349 unique CDR3
13 unique J



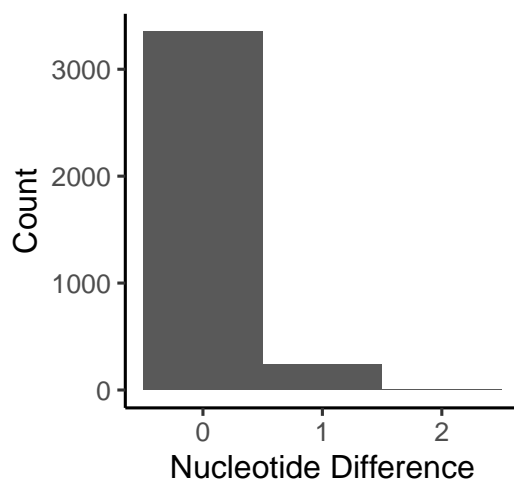
TRBV5-6*ap01

4768 sequences assigned
4718 (99%) exact matches, in which:
4544 unique CDR3
13 unique J



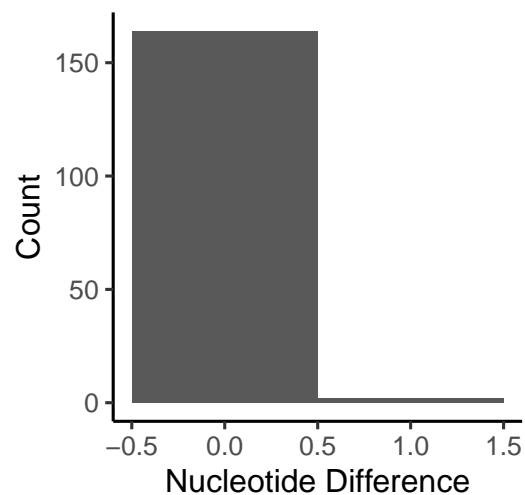
TRBV6-1*ap01

3594 sequences assigned
3351 (93.2%) exact matches, in which:
3252 unique CDR3
13 unique J



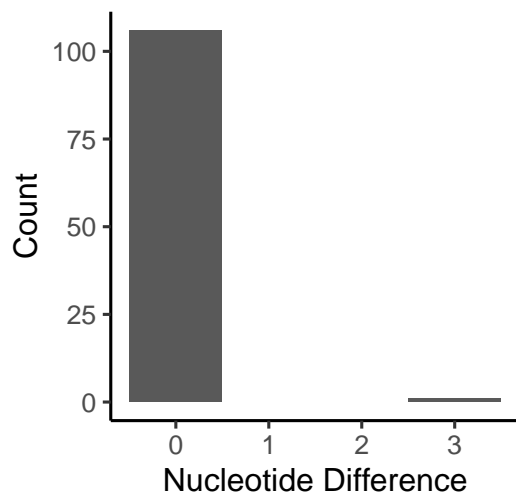
TRBV6-8*ap01

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



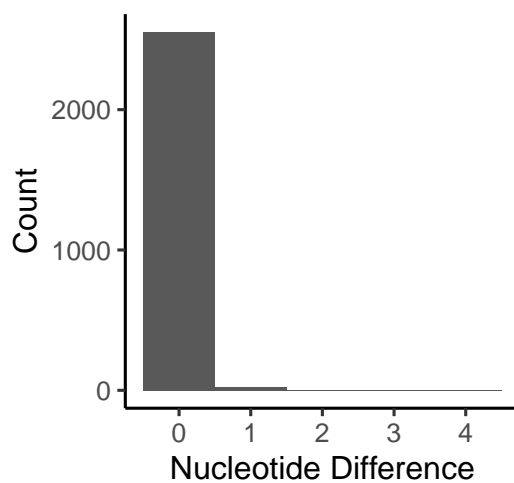
TRBV5-7*ap01

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



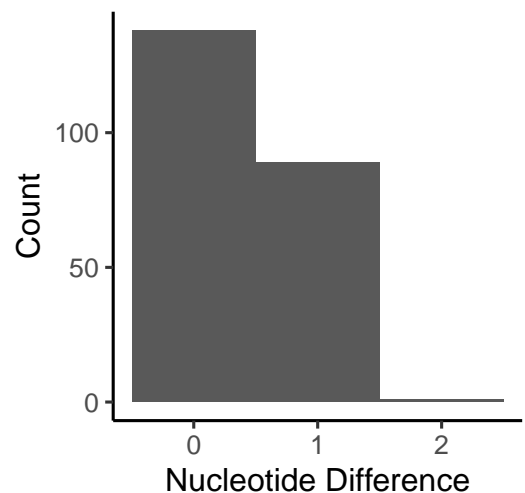
TRBV6-4*ap01

2582 sequences assigned
2553 (98.9%) exact matches, in which:
2518 unique CDR3
13 unique J



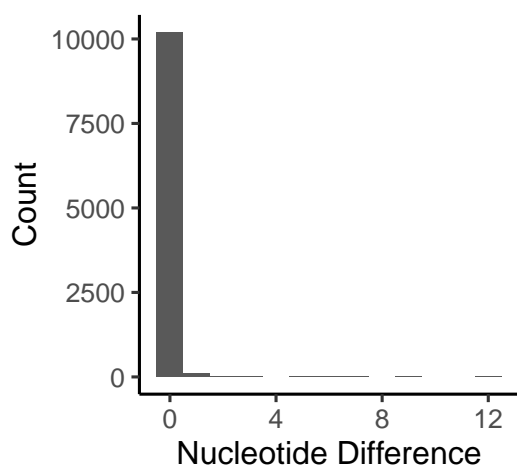
TRBV6-9*ap01

228 sequences assigned
138 (60.5%) exact matches, in which:
137 unique CDR3
13 unique J



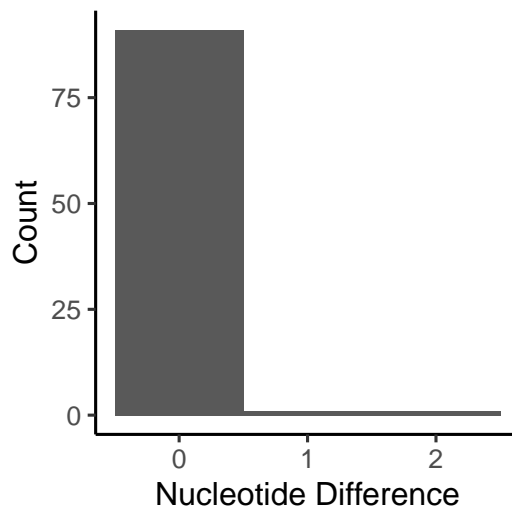
TRBV6-23*ap01

10309 sequences assigned
10201 (99%) exact matches, in which:
9878 unique CDR3
13 unique J



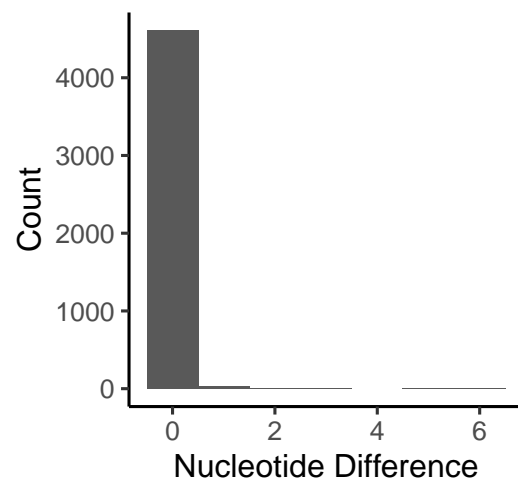
TRBV7-1*ap01_G291C_T

93 sequences assigned
91 (97.8%) exact matches, in which:
90 unique CDR3
12 unique J



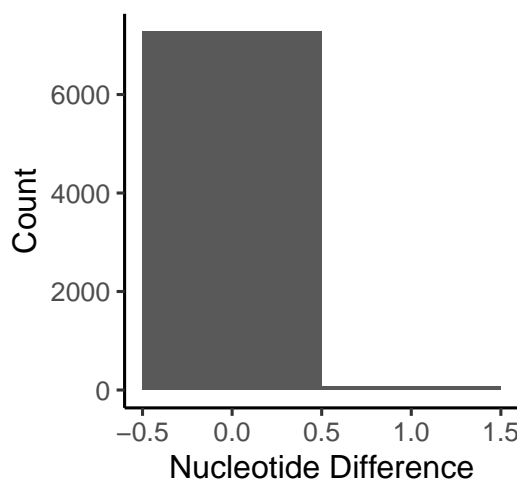
TRBV7-3*ap01

4641 sequences assigned
4609 (99.3%) exact matches, in which:
4559 unique CDR3
13 unique J



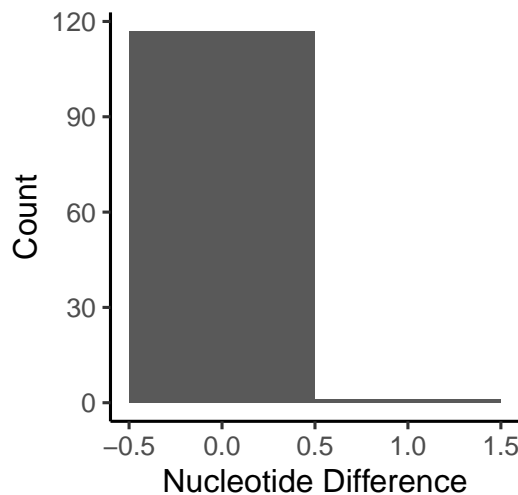
TRBV6-56*ap01

7340 sequences assigned
7275 (99.1%) exact matches, in which:
7077 unique CDR3
13 unique J



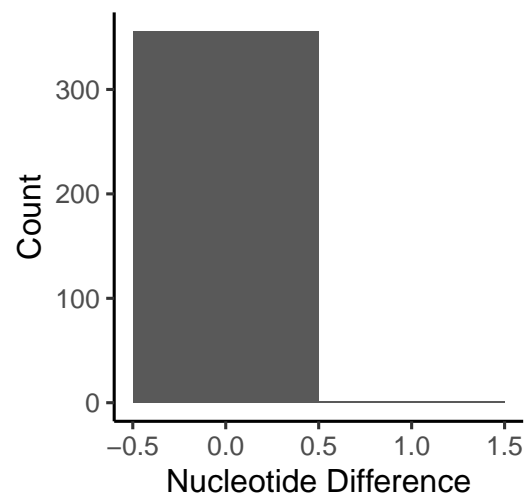
TRBV7-1*ap01_G291C_

118 sequences assigned
117 (99.2%) exact matches, in which:
116 unique CDR3
13 unique J



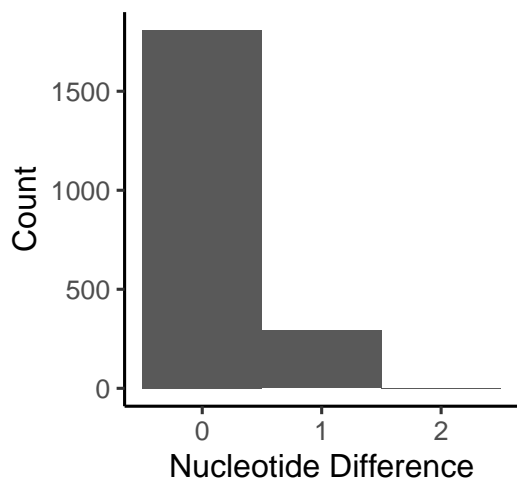
TRBV7-4*ap01

357 sequences assigned
356 (99.7%) exact matches, in which:
343 unique CDR3
13 unique J



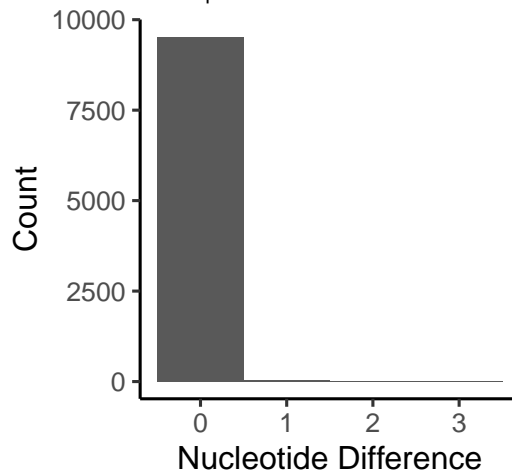
TRBV6-56*ap02

2103 sequences assigned
1809 (86%) exact matches, in which:
1761 unique CDR3
13 unique J



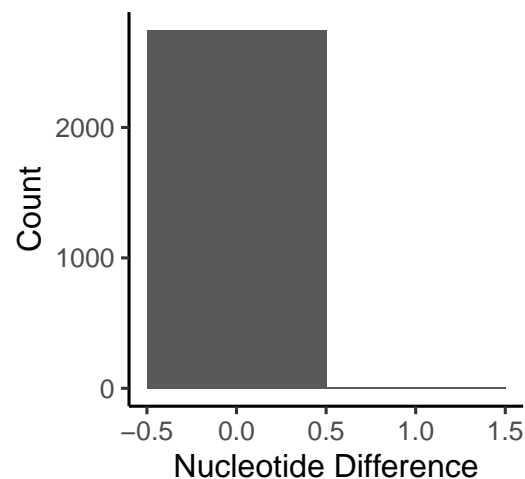
TRBV7-2*ap01

9571 sequences assigned
9527 (99.5%) exact matches, in which:
9395 unique CDR3
13 unique J



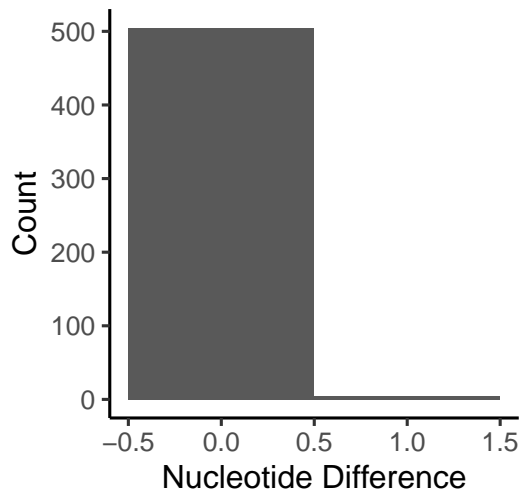
TRBV7-6*ap01

2759 sequences assigned
2747 (99.6%) exact matches, in which:
2702 unique CDR3
13 unique J



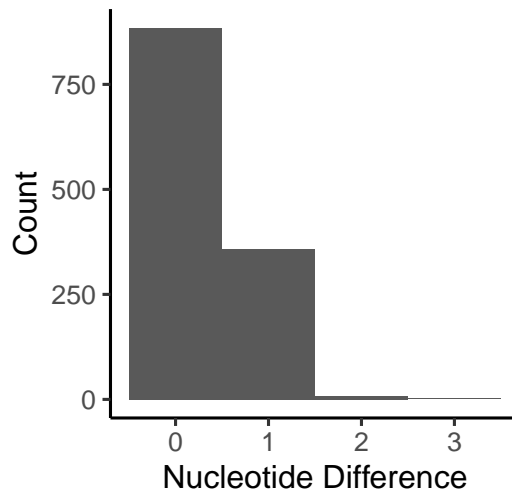
TRBV7-7*ap01

510 sequences assigned
505 (99%) exact matches, in which:
501 unique CDR3
13 unique J



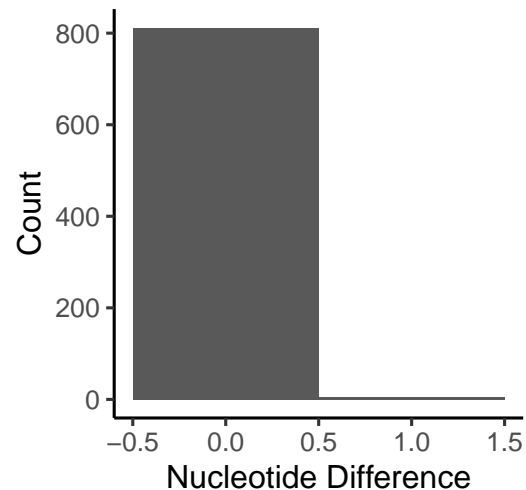
TRBV7-8*ap03

1254 sequences assigned
885 (70.6%) exact matches, in which:
869 unique CDR3
13 unique J



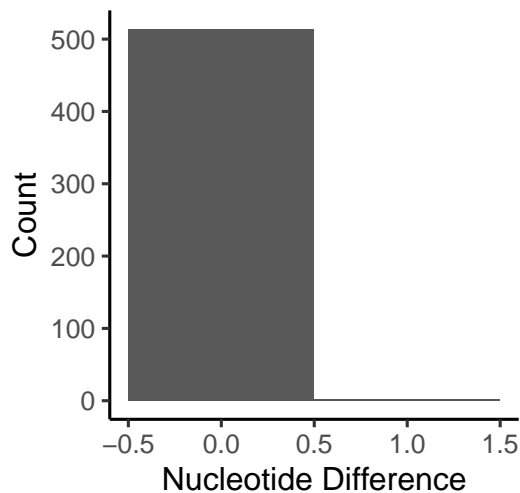
TRBV29-1*ap02

818 sequences assigned
812 (99.3%) exact matches, in which:
787 unique CDR3
13 unique J



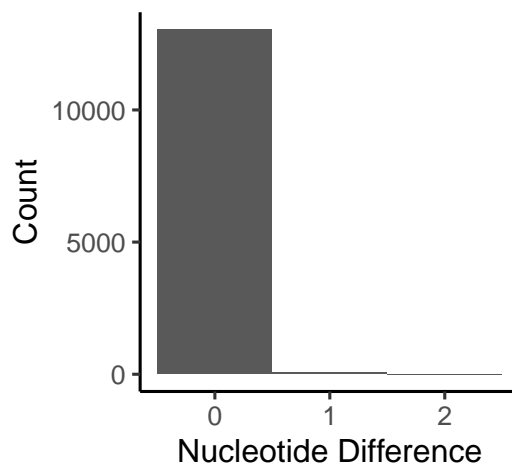
TRBV7-7*ap01_C315T

516 sequences assigned
514 (99.6%) exact matches, in which:
504 unique CDR3
13 unique J



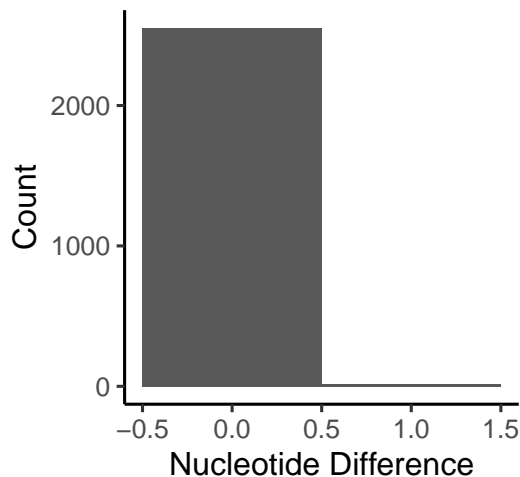
TRBV7-9*ap01

13103 sequences assigned
13044 (99.5%) exact matches, in which:
12856 unique CDR3
13 unique J



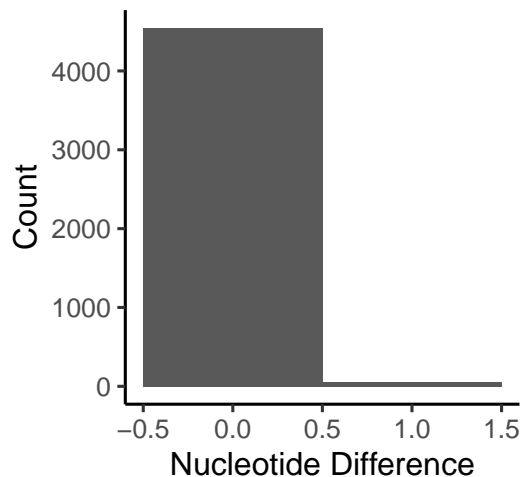
TRBV7-8*ap01

2567 sequences assigned
2552 (99.4%) exact matches, in which:
2508 unique CDR3
13 unique J

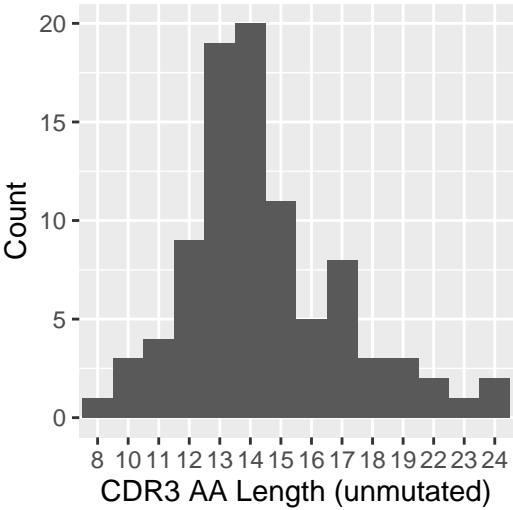


TRBV29-1*ap01

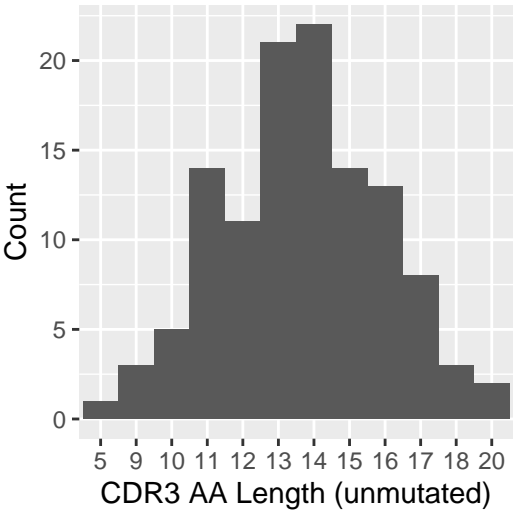
4597 sequences assigned
4544 (98.8%) exact matches, in which:
4391 unique CDR3
13 unique J



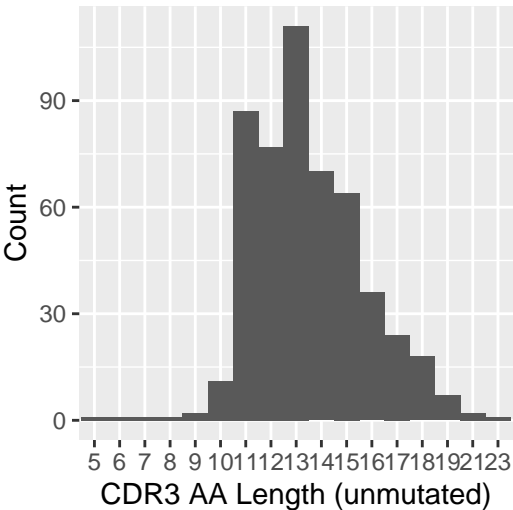
TRBV7-1*ap01_G291C_T296C



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.