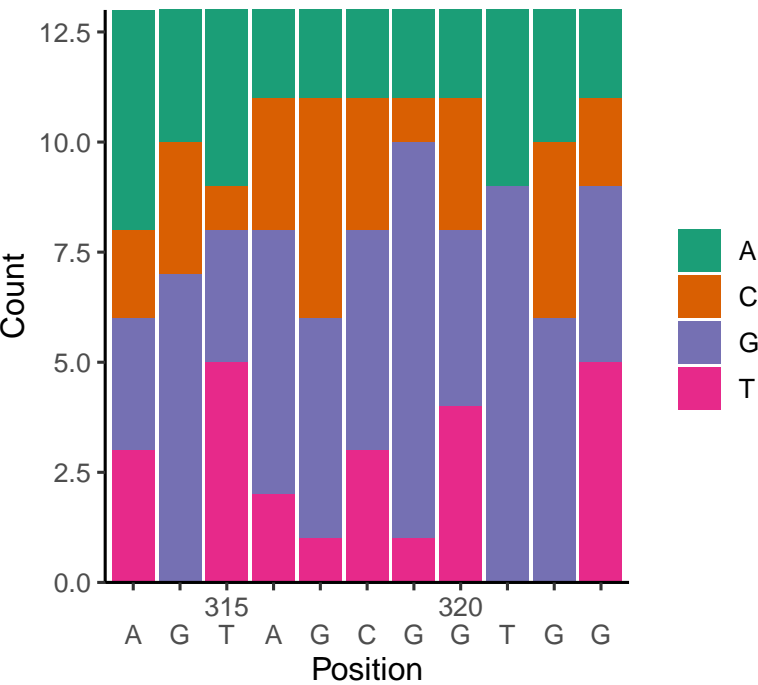
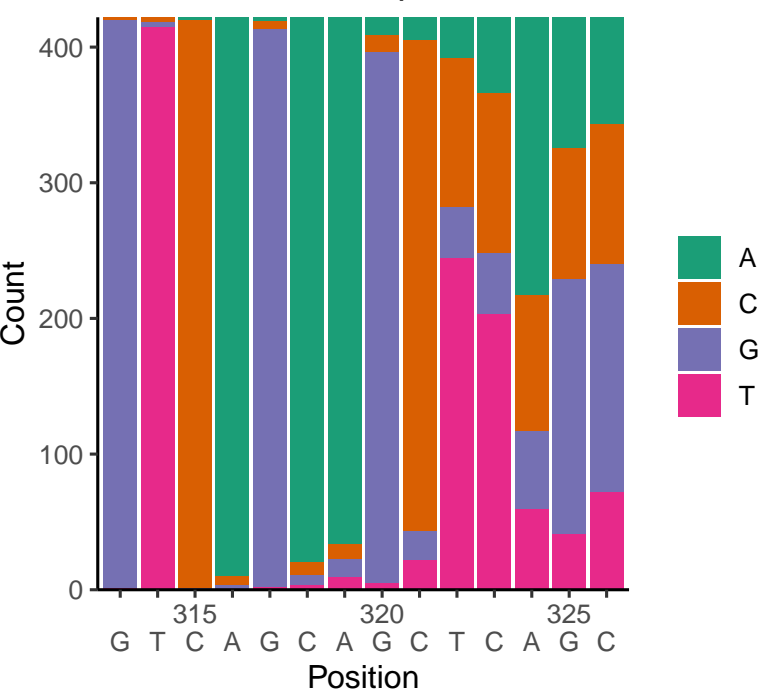


Gene TRBV17*ap01_A289G



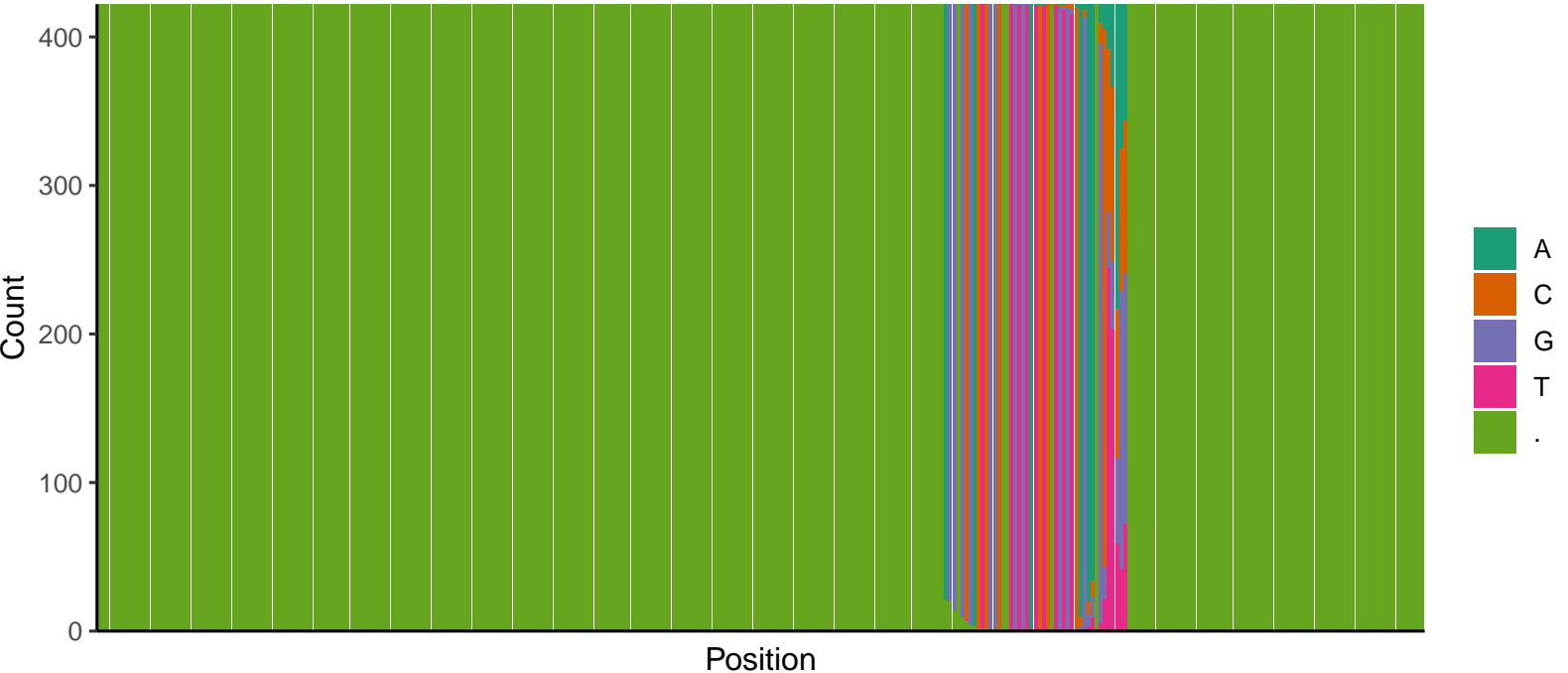
Gene TRBV7-1*ap01_G291C_T296C_C314T



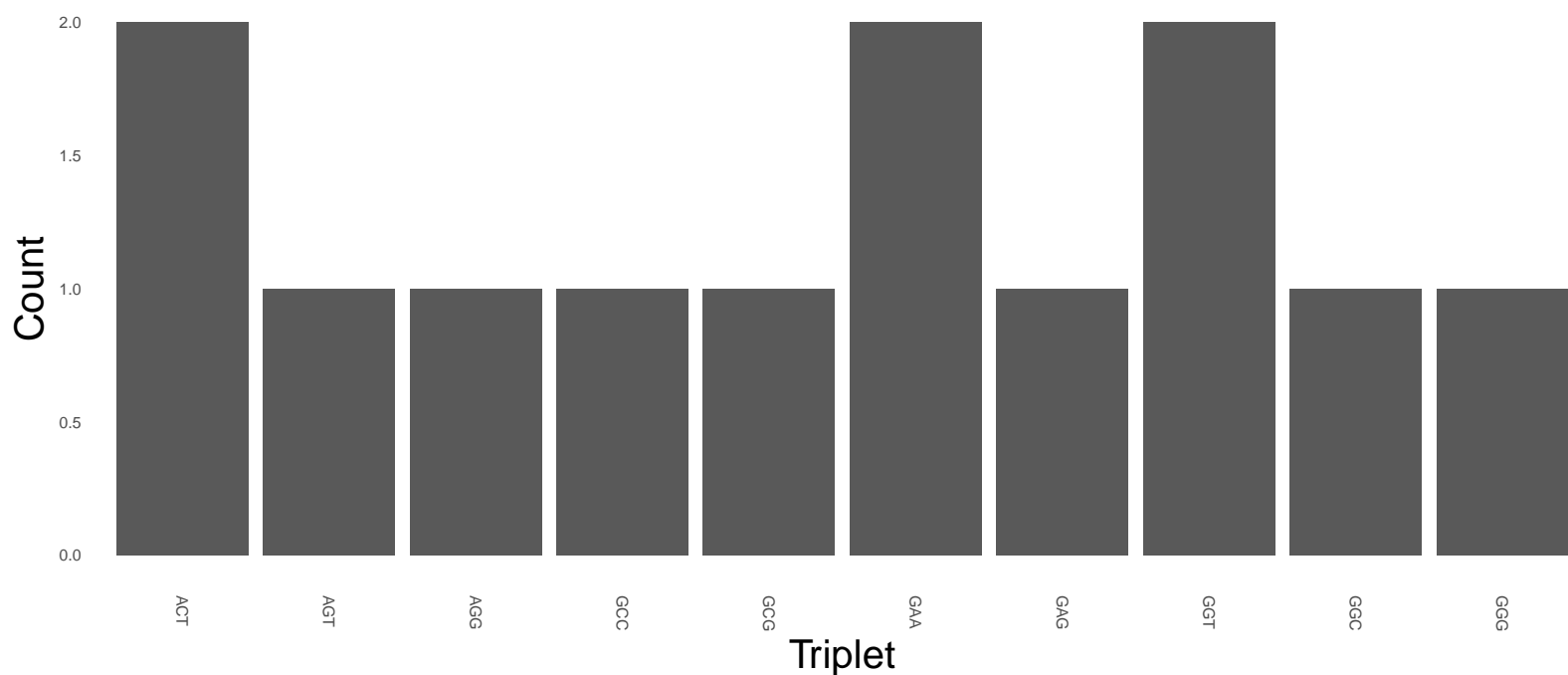
Gene TRBV17*ap01_A289G



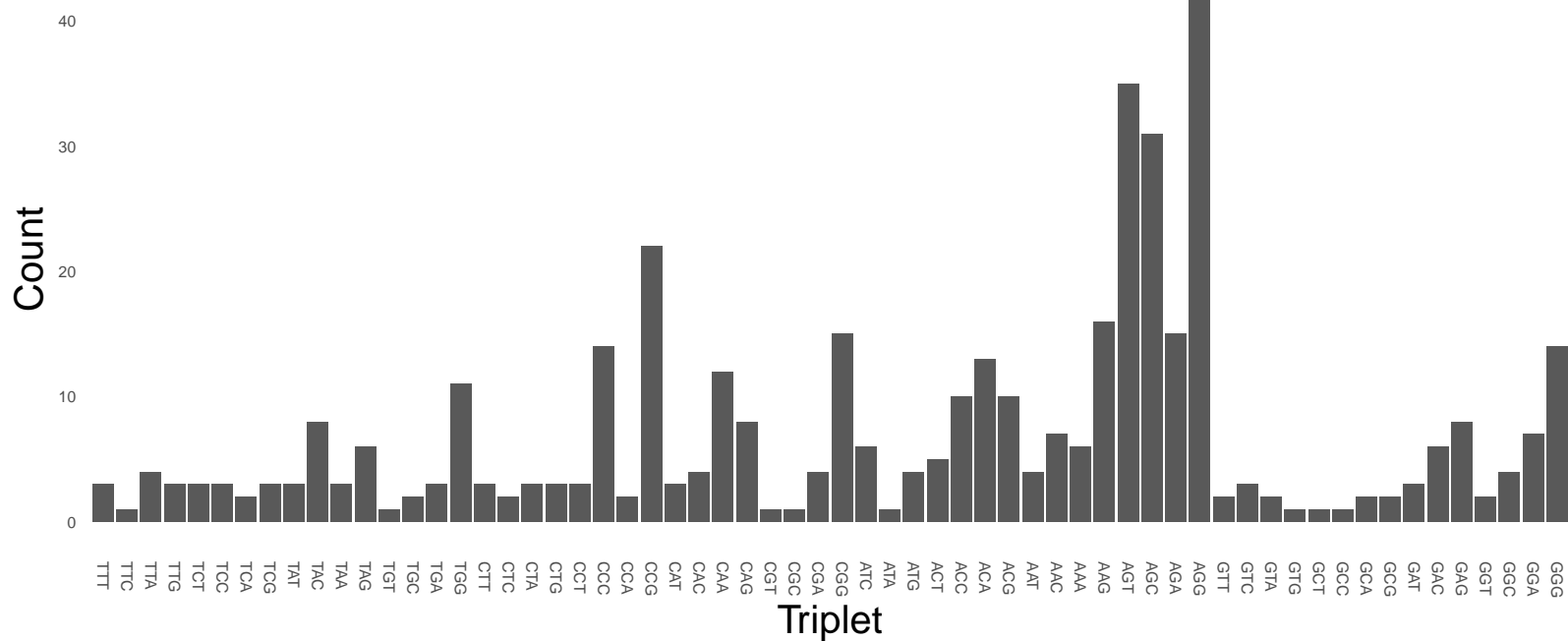
Gene TRBV7-1*ap01_G291C_T296C_C314T



TRBV17*ap01_A289G– Final 3 nucleotides as a triplet

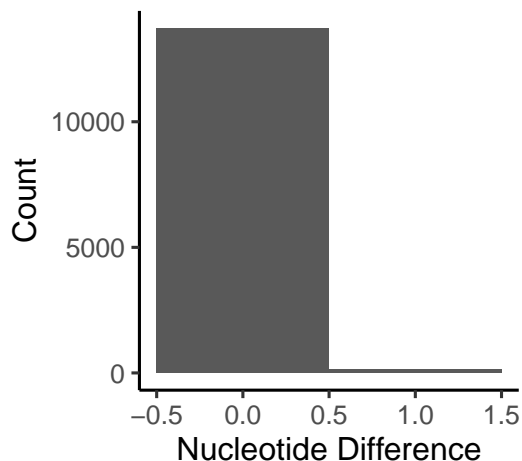


TRBV7-1*ap01_G291C_T296C_C314T– Final 3 nucleotides as a triplet



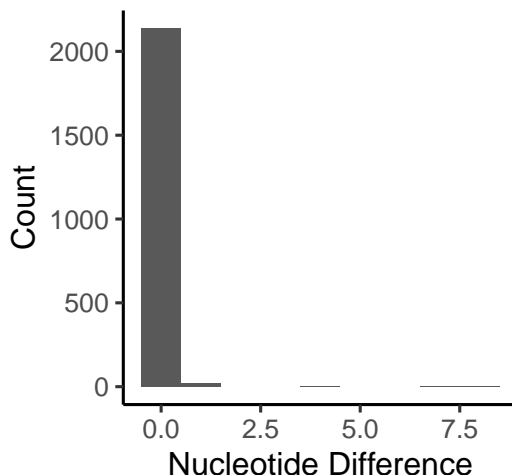
TRBV20-1*ap01

13874 sequences assigned
13727 (98.9%) exact matches, in which:
13524 unique CDR3
13 unique J



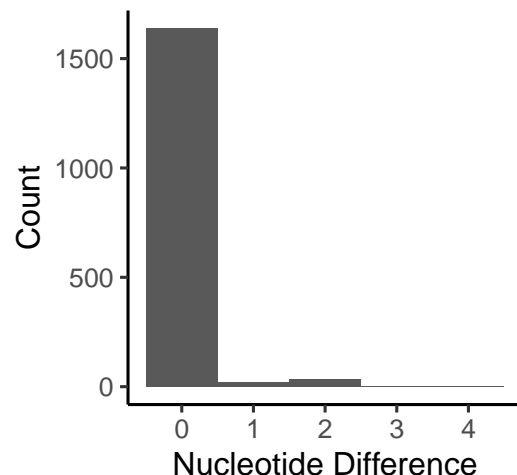
TRBV10-2*ap01

2159 sequences assigned
2137 (99%) exact matches, in which:
2095 unique CDR3
13 unique J



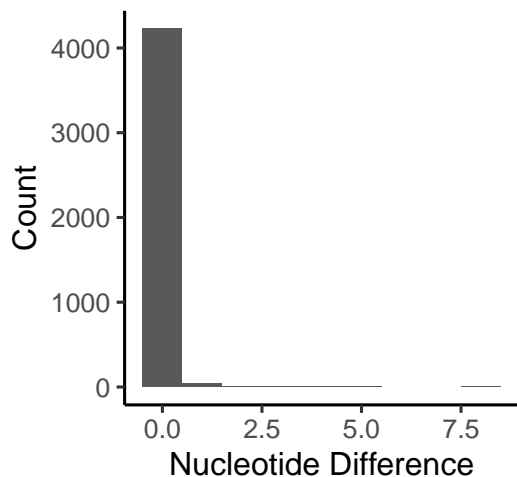
TRBV13*ap01

1694 sequences assigned
1638 (96.7%) exact matches, in which:
1587 unique CDR3
13 unique J



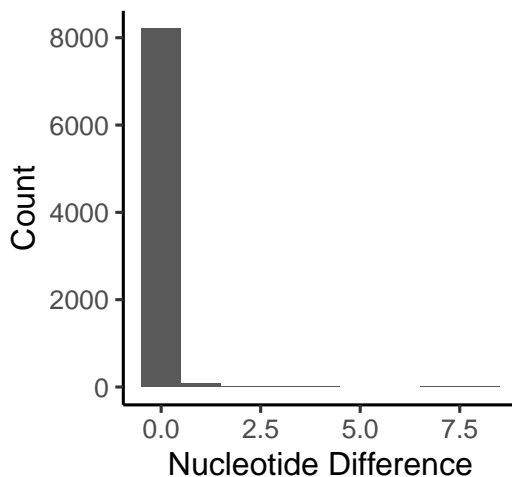
TRBV10-1*ap01

4274 sequences assigned
4227 (98.9%) exact matches, in which:
4128 unique CDR3
13 unique J



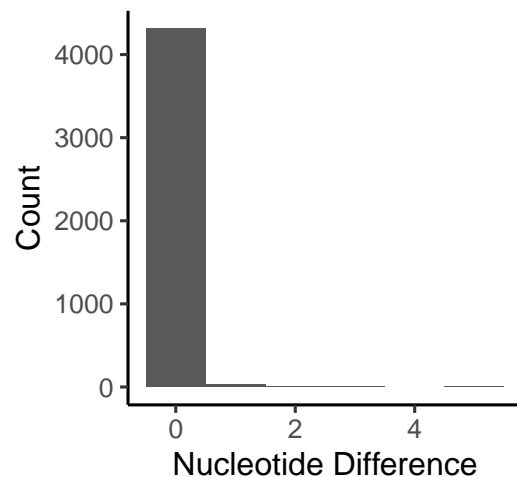
TRBV10-3*ap01

8297 sequences assigned
8206 (98.9%) exact matches, in which:
8053 unique CDR3
13 unique J



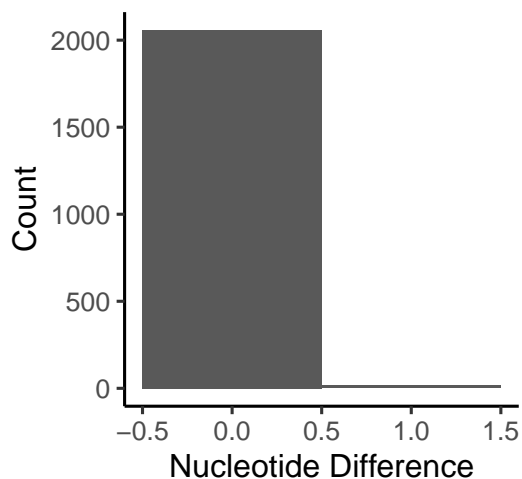
TRBV14*ap01

4341 sequences assigned
4311 (99.3%) exact matches, in which:
4242 unique CDR3
13 unique J



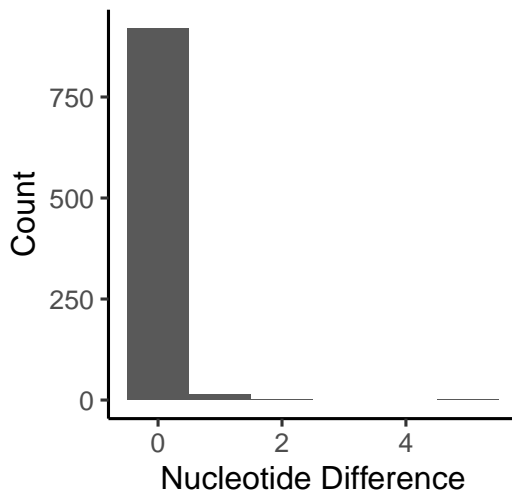
TRBV20-1*ap02

2075 sequences assigned
2058 (99.2%) exact matches, in which:
2026 unique CDR3
13 unique J



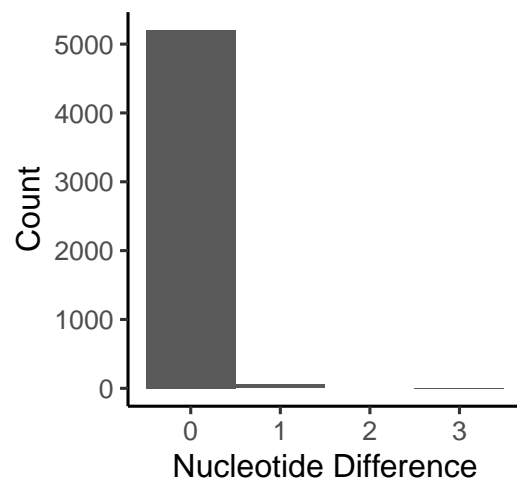
TRBV1*ap01

936 sequences assigned
920 (98.3%) exact matches, in which:
899 unique CDR3
13 unique J



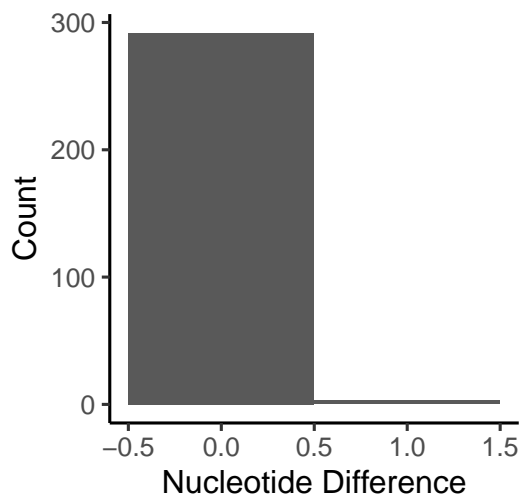
TRBV15*ap02

5264 sequences assigned
5204 (98.9%) exact matches, in which:
5091 unique CDR3
13 unique J



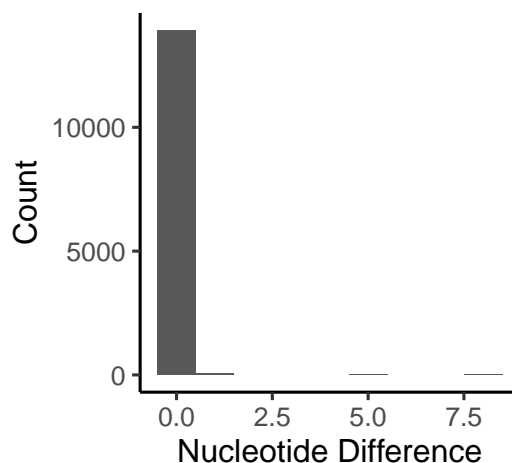
TRBV16*ap01

295 sequences assigned
292 (99%) exact matches, in which:
288 unique CDR3
13 unique J



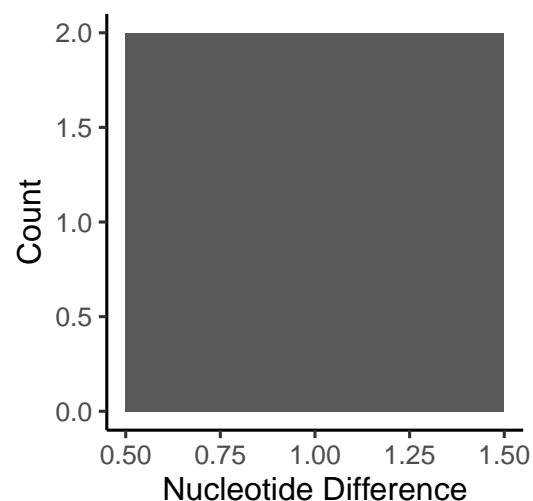
TRBV18*ap01

13991 sequences assigned
13924 (99.5%) exact matches, in which:
13789 unique CDR3
13 unique J



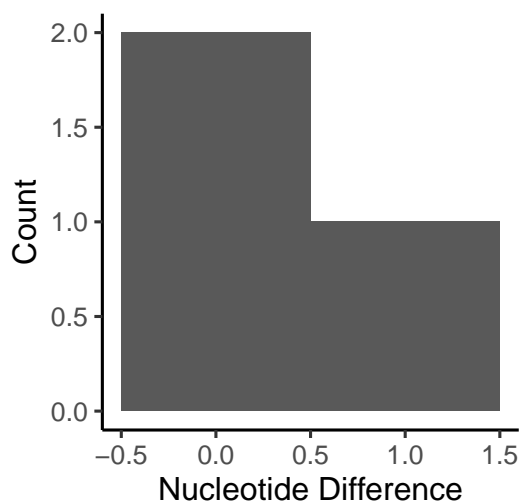
TRBV26*ap01

2 sequences assigned
No exact matches.



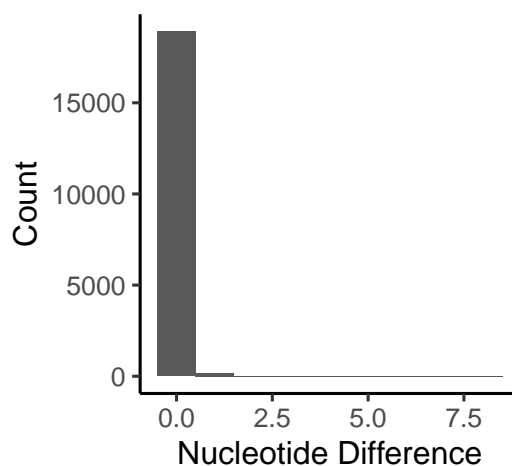
TRBV17*ap01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
2 unique J



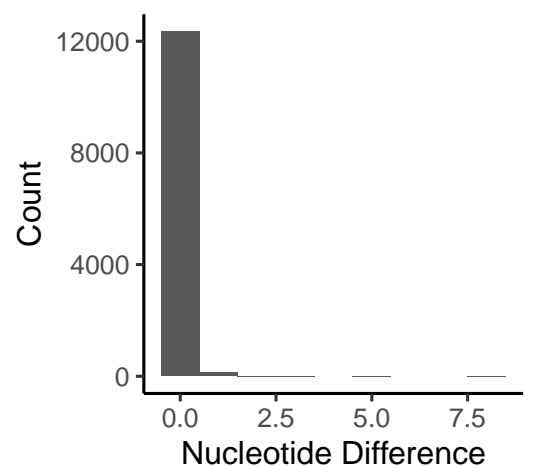
TRBV19*ap01

19094 sequences assigned
18911 (99%) exact matches, in which:
18724 unique CDR3
13 unique J



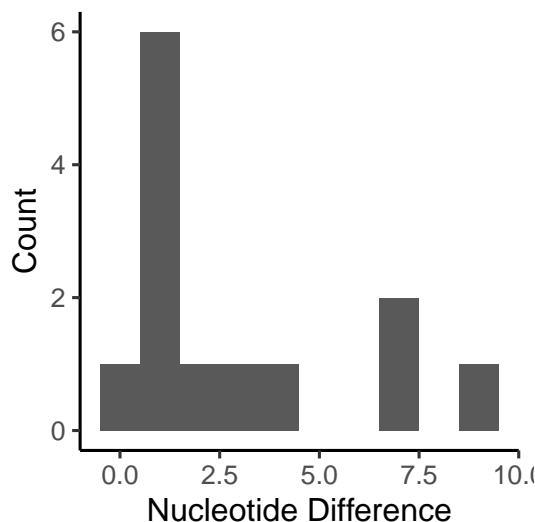
TRBV27*ap01

12505 sequences assigned
12350 (98.8%) exact matches, in which:
12077 unique CDR3
13 unique J



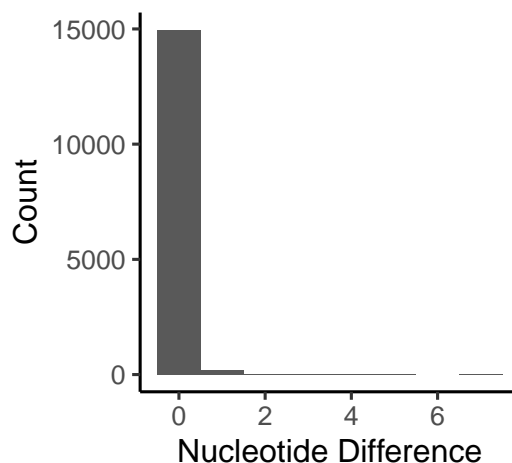
TRBV17*ap01_A289G

13 sequences assigned
1 (7.7%) exact matches, in which:
1 unique CDR3
1 unique J



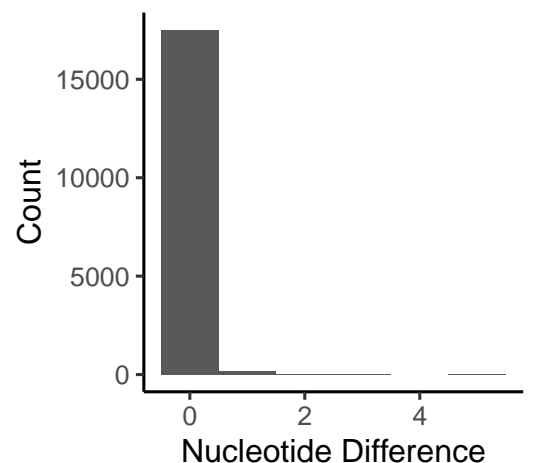
TRBV2*ap01

15150 sequences assigned
14963 (98.8%) exact matches, in which:
14666 unique CDR3
13 unique J



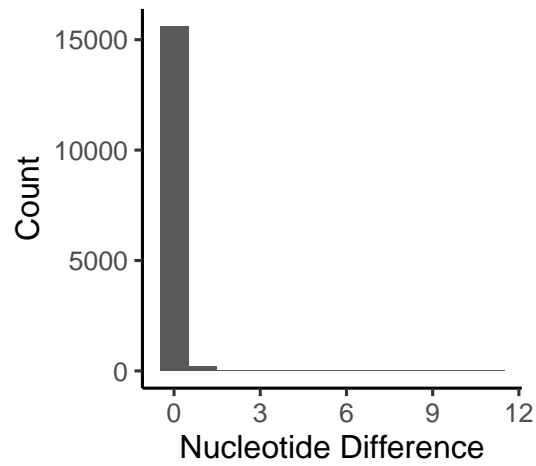
TRBV28*ap01

17693 sequences assigned
17516 (99%) exact matches, in which:
17245 unique CDR3
13 unique J



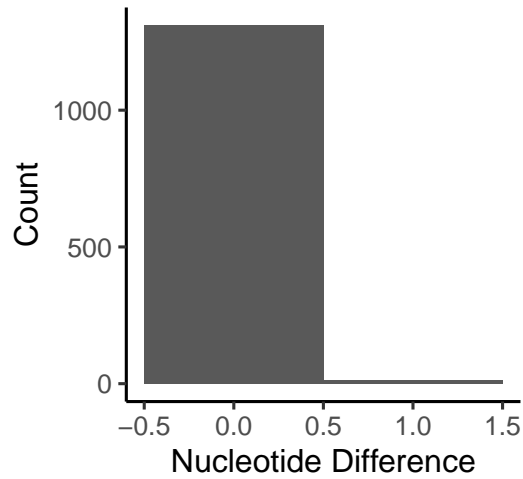
TRBV30*ap01

15863 sequences assigned
15612 (98.4%) exact matches, in which:
15368 unique CDR3
13 unique J



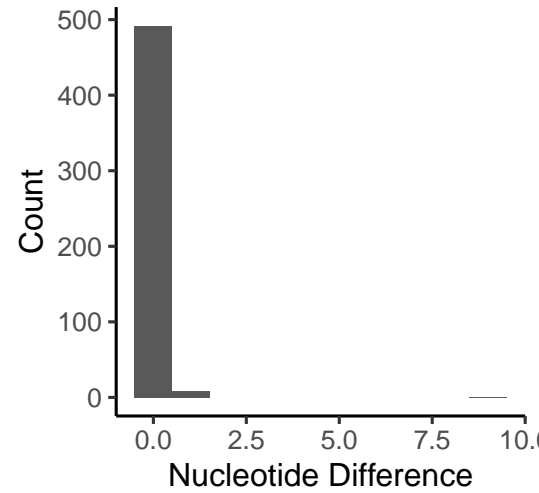
TRBV11-1*ap01

1324 sequences assigned
1310 (98.9%) exact matches, in which:
1294 unique CDR3
13 unique J



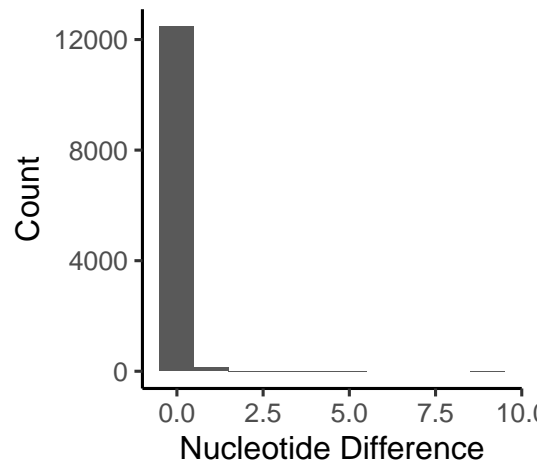
TRBV12-1*ap01

502 sequences assigned
492 (98%) exact matches, in which:
480 unique CDR3
13 unique J



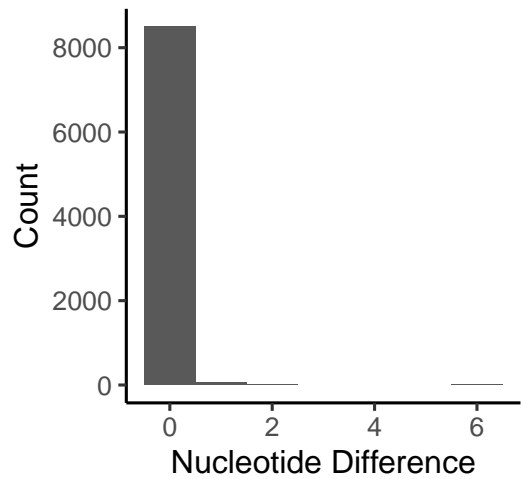
TRBV9*ap01

12616 sequences assigned
12473 (98.9%) exact matches, in which:
12268 unique CDR3
13 unique J



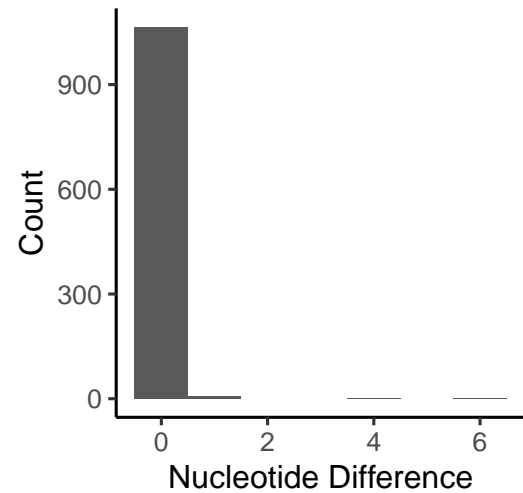
TRBV11-2*ap01

8568 sequences assigned
8497 (99.2%) exact matches, in which:
8335 unique CDR3
13 unique J



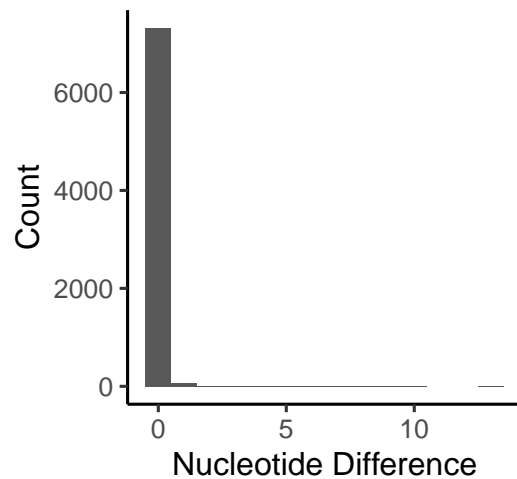
TRBV12-2*ap01

1075 sequences assigned
1065 (99.1%) exact matches, in which:
1046 unique CDR3
13 unique J



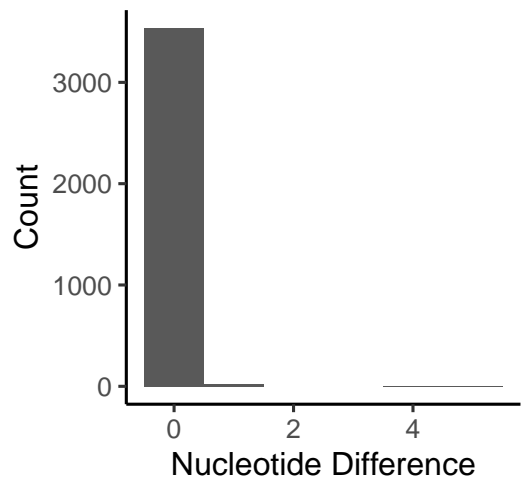
TRBV21-1*ap01

7424 sequences assigned
7316 (98.5%) exact matches, in which:
7212 unique CDR3
13 unique J



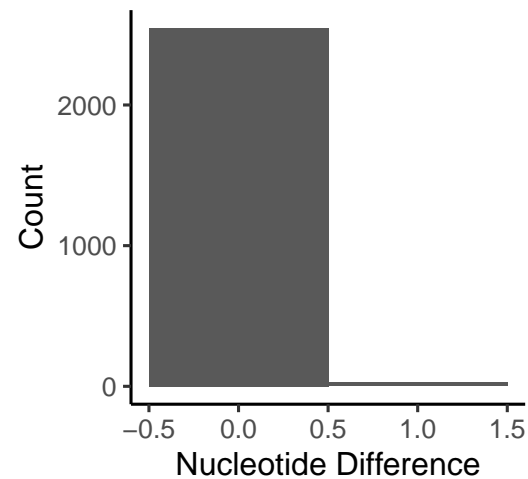
TRBV11-3*ap01

3563 sequences assigned
3536 (99.2%) exact matches, in which:
3464 unique CDR3
13 unique J



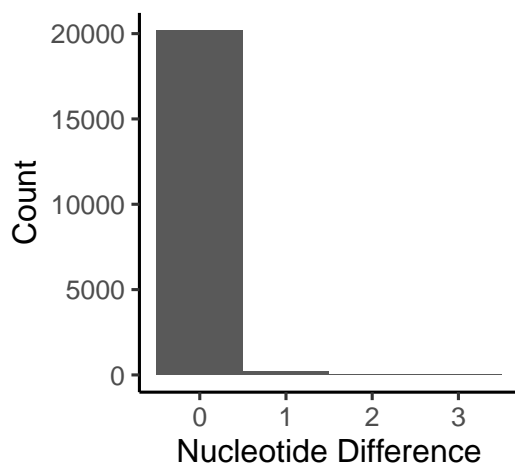
TRBV12-5*ap01

2573 sequences assigned
2547 (99%) exact matches, in which:
2500 unique CDR3
13 unique J



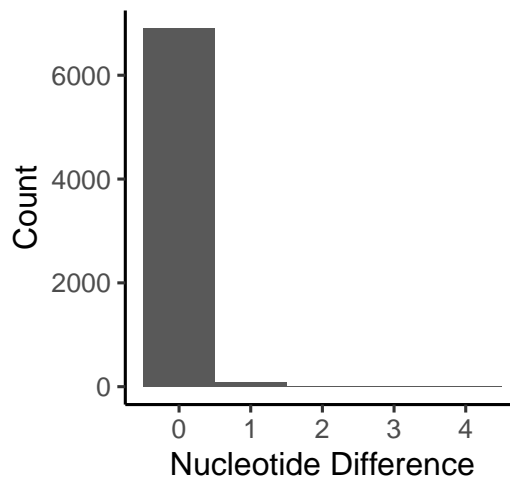
TRBV12–34*ap01

20426 sequences assigned
20203 (98.9%) exact matches, in which:
19803 unique CDR3
13 unique J



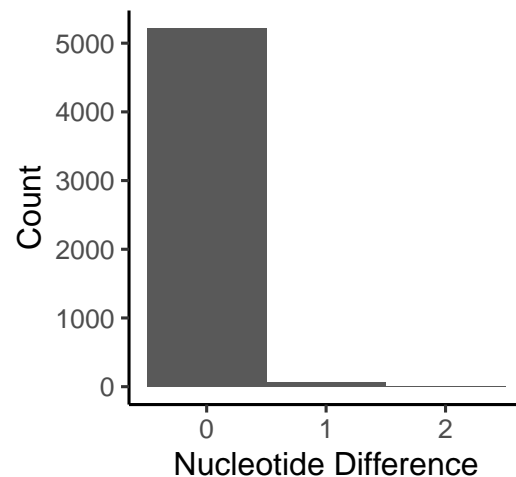
TRBV24–1*ap01

6985 sequences assigned
6902 (98.8%) exact matches, in which:
6784 unique CDR3
13 unique J



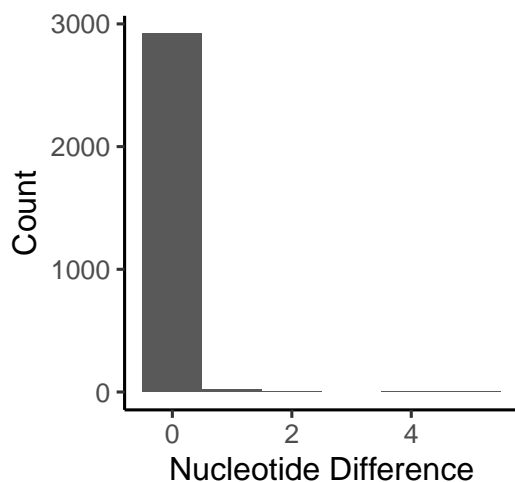
TRBV4–3*ap01

5277 sequences assigned
5215 (98.8%) exact matches, in which:
5127 unique CDR3
13 unique J



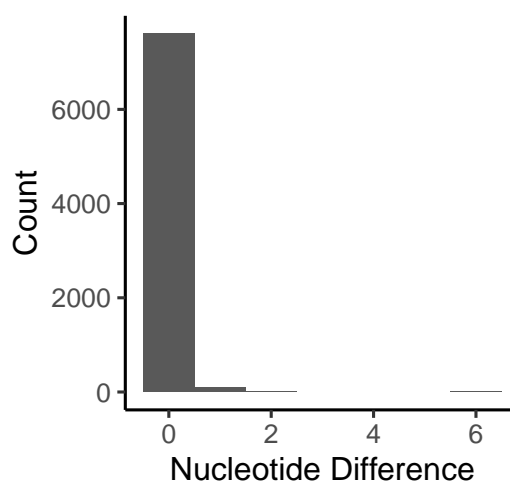
TRBV23–1*ap01

2949 sequences assigned
2920 (99%) exact matches, in which:
2878 unique CDR3
13 unique J



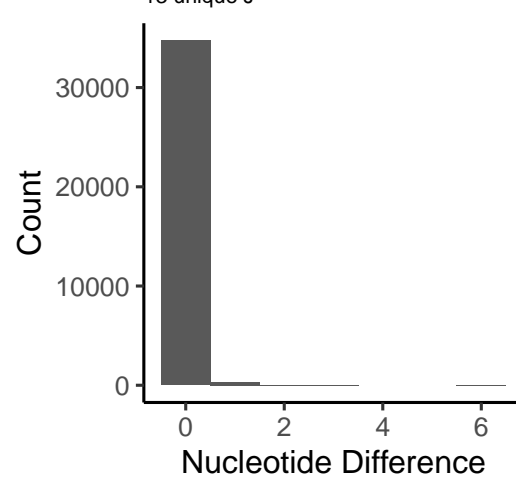
TRBV4–1*ap01

7699 sequences assigned
7606 (98.8%) exact matches, in which:
7461 unique CDR3
13 unique J



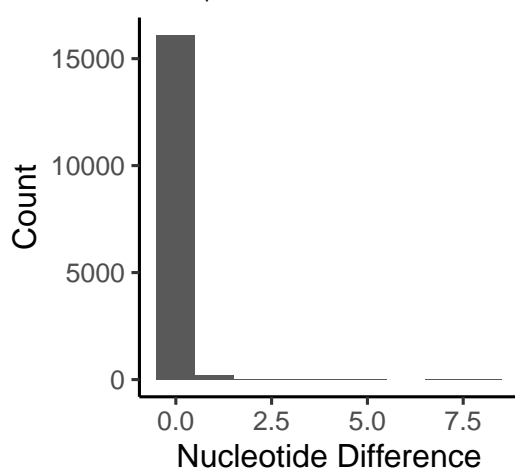
TRBV5–1*ap01

35109 sequences assigned
34748 (99%) exact matches, in which:
33994 unique CDR3
13 unique J



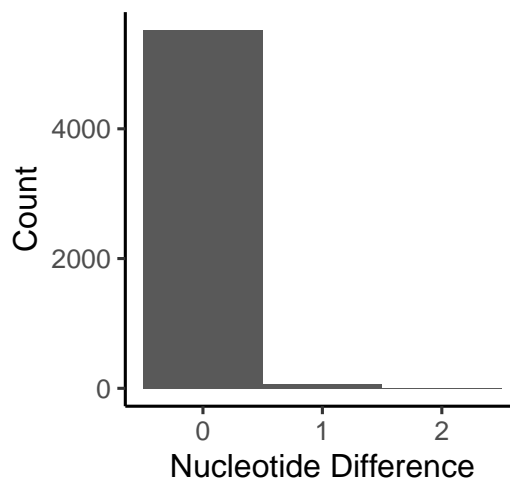
TRBV3–12*ap01

16334 sequences assigned
16114 (98.7%) exact matches, in which:
15814 unique CDR3
13 unique J



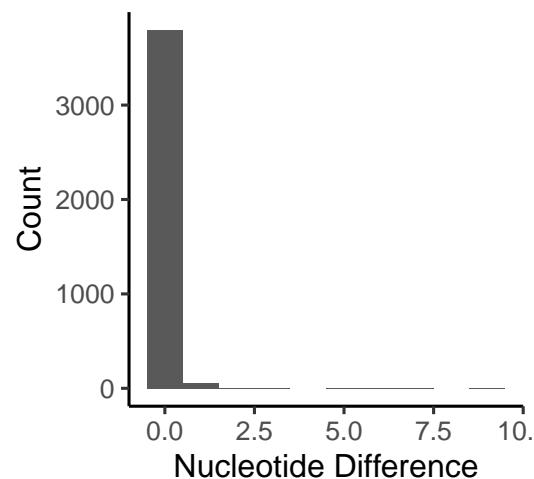
TRBV4–2*ap01

5594 sequences assigned
5522 (98.7%) exact matches, in which:
5399 unique CDR3
13 unique J



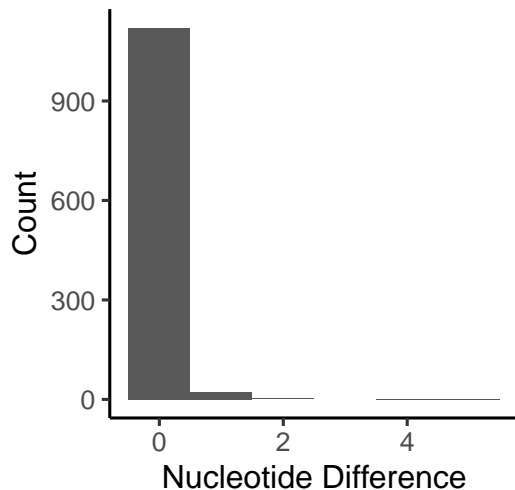
TRBV25–1*ap01

3858 sequences assigned
3795 (98.4%) exact matches, in which:
3724 unique CDR3
13 unique J



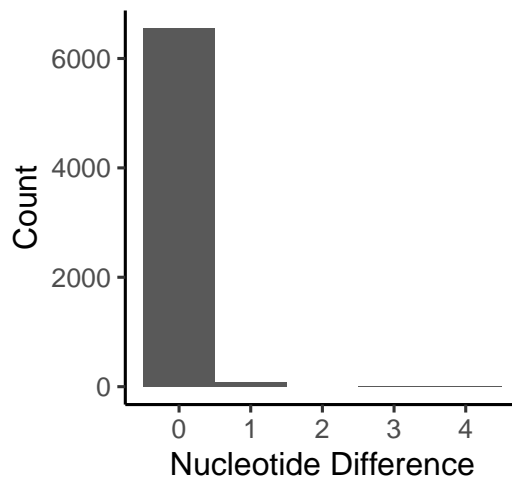
TRBV5-3*ap01

1148 sequences assigned
1121 (97.6%) exact matches, in which:
1098 unique CDR3
13 unique J



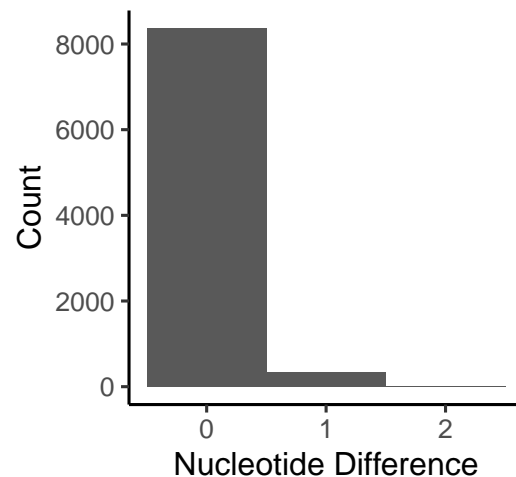
TRBV5-6*ap01

6630 sequences assigned
6550 (98.8%) exact matches, in which:
6417 unique CDR3
13 unique J



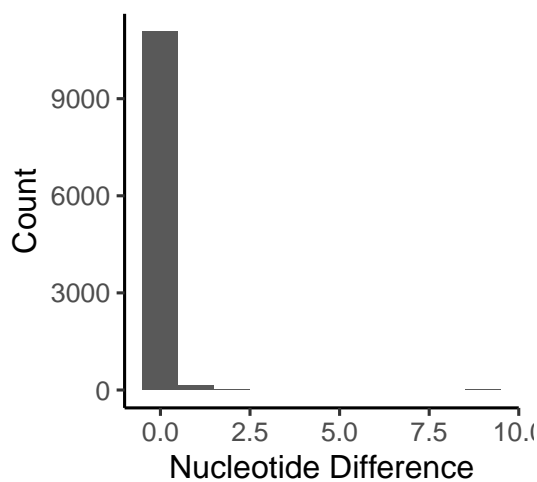
TRBV6-1*ap01

8701 sequences assigned
8364 (96.1%) exact matches, in which:
8202 unique CDR3
13 unique J



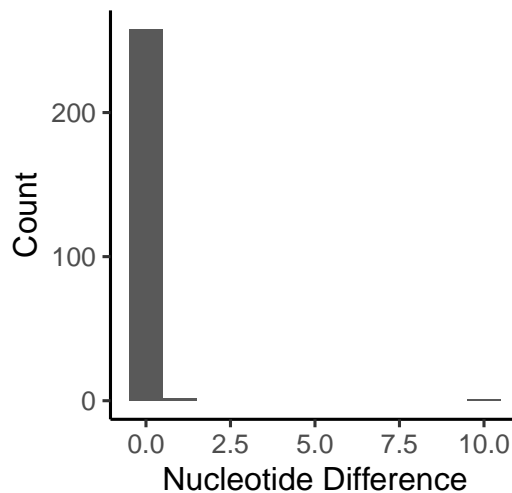
TRBV5-4*ap01

11209 sequences assigned
11069 (98.8%) exact matches, in which:
10831 unique CDR3
13 unique J



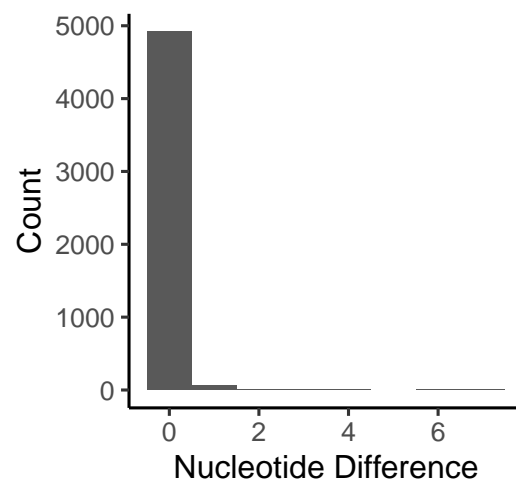
TRBV5-7*ap01

261 sequences assigned
258 (98.9%) exact matches, in which:
249 unique CDR3
13 unique J



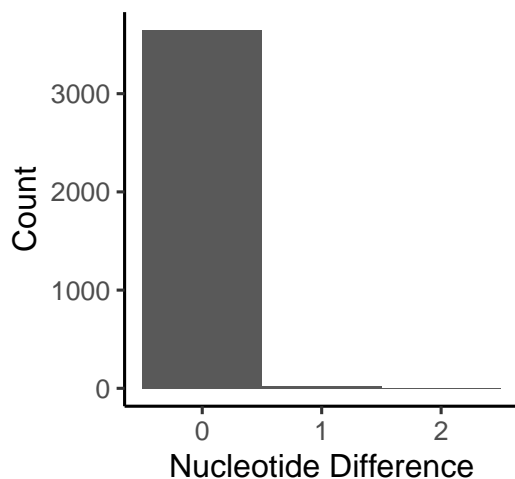
TRBV6-4*ap01

4986 sequences assigned
4918 (98.6%) exact matches, in which:
4853 unique CDR3
13 unique J



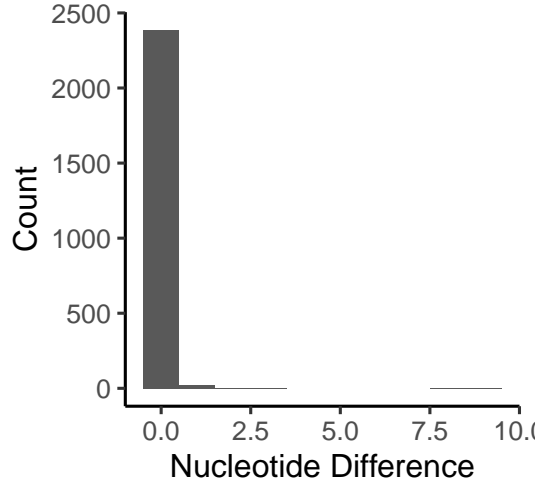
TRBV5-5*ap01

3674 sequences assigned
3648 (99.3%) exact matches, in which:
3622 unique CDR3
13 unique J



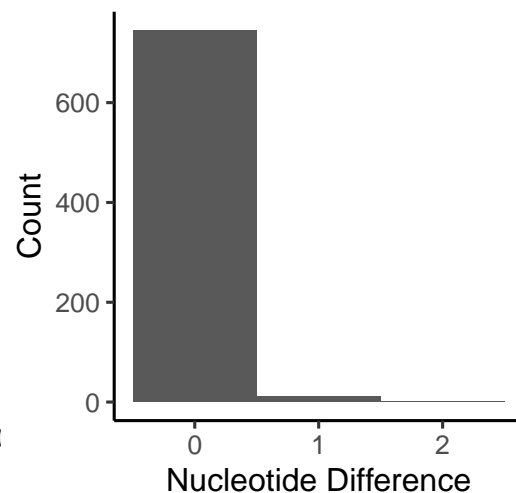
TRBV5-8*ap01

2414 sequences assigned
2386 (98.8%) exact matches, in which:
2351 unique CDR3
13 unique J



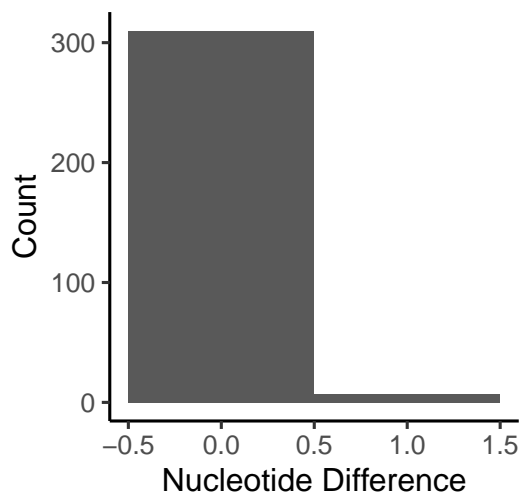
TRBV6-7*ap01

757 sequences assigned
745 (98.4%) exact matches, in which:
725 unique CDR3
13 unique J



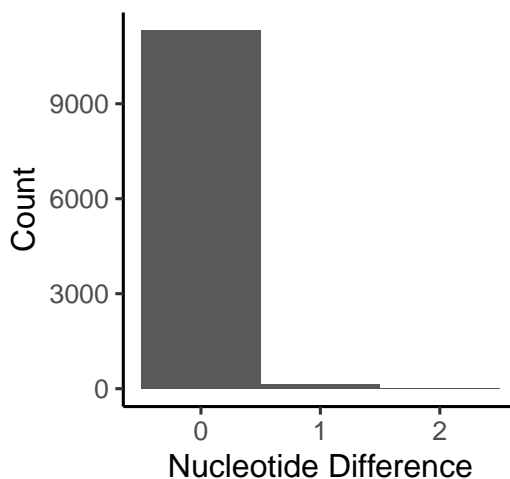
TRBV6-8*ap01

317 sequences assigned
310 (97.8%) exact matches, in which:
303 unique CDR3
13 unique J



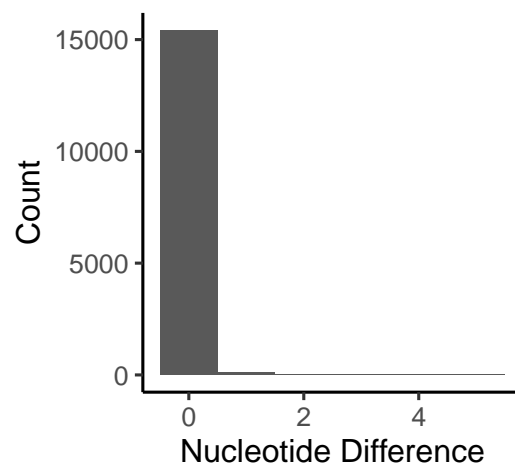
TRBV6-56*ap01

11456 sequences assigned
11316 (98.8%) exact matches, in which:
11024 unique CDR3
13 unique J



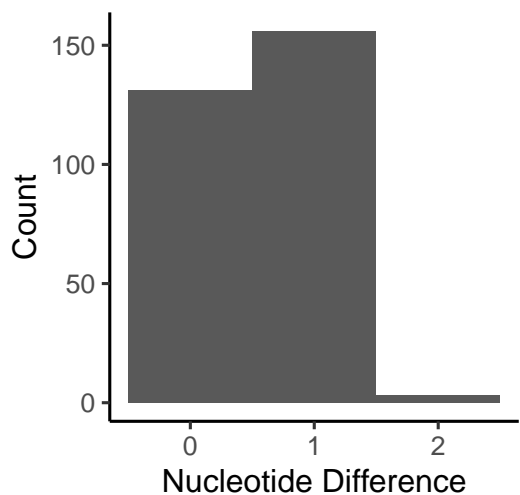
TRBV7-2*ap01

15544 sequences assigned
15423 (99.2%) exact matches, in which:
15211 unique CDR3
13 unique J



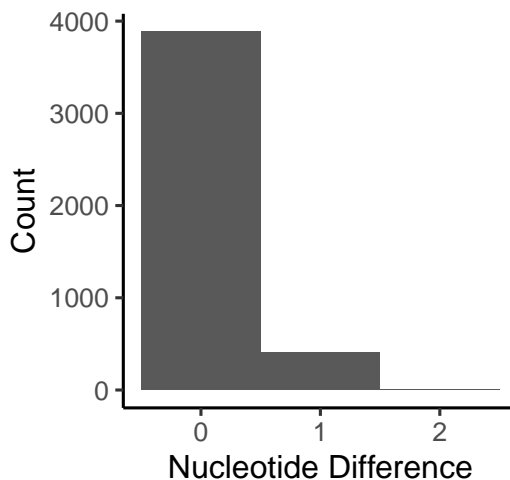
TRBV6-9*ap01

290 sequences assigned
131 (45.2%) exact matches, in which:
130 unique CDR3
13 unique J



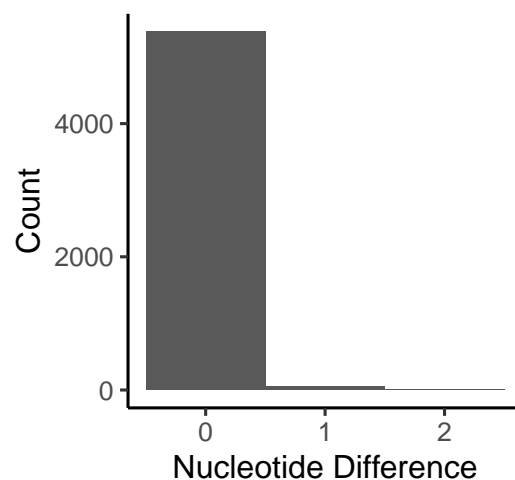
TRBV6-56*ap02

4295 sequences assigned
3885 (90.5%) exact matches, in which:
3791 unique CDR3
13 unique J



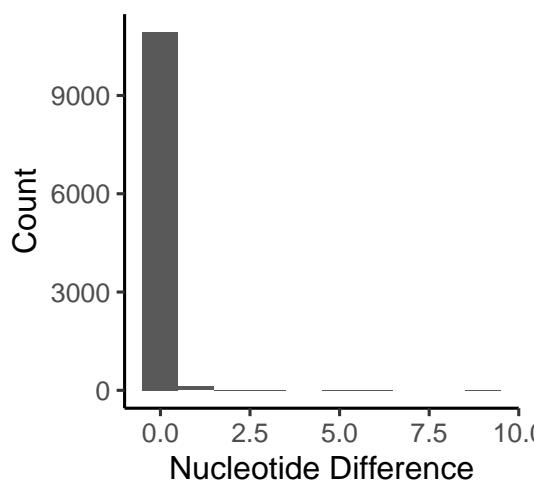
TRBV7-3*ap01

5428 sequences assigned
5380 (99.1%) exact matches, in which:
5304 unique CDR3
13 unique J



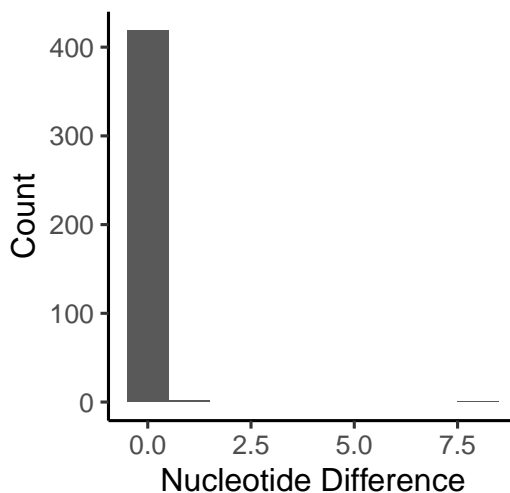
TRBV6-23*ap01

11062 sequences assigned
10937 (98.9%) exact matches, in which:
10698 unique CDR3
13 unique J



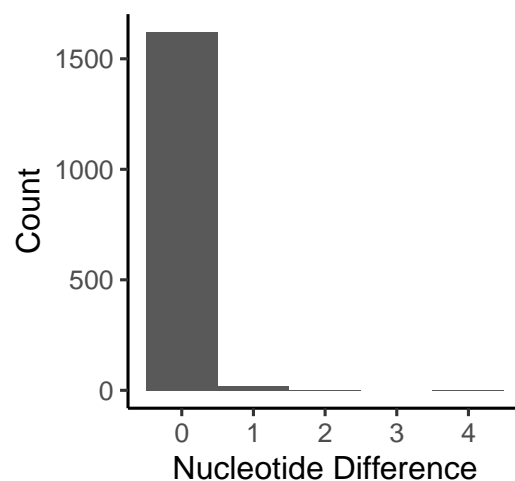
TRBV7-1*ap01_G291C_

422 sequences assigned
419 (99.3%) exact matches, in which:
406 unique CDR3
13 unique J



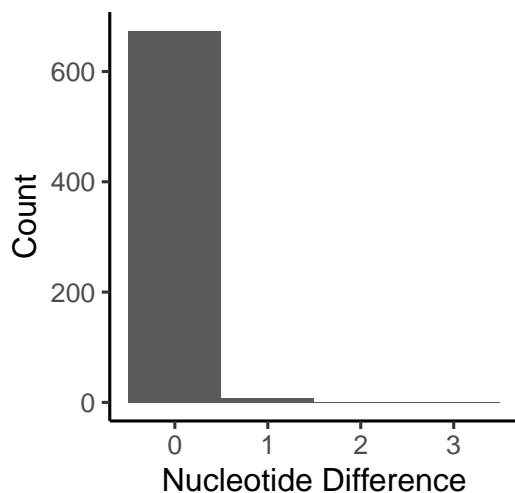
TRBV7-3*ap03

1643 sequences assigned
1621 (98.7%) exact matches, in which:
1582 unique CDR3
13 unique J



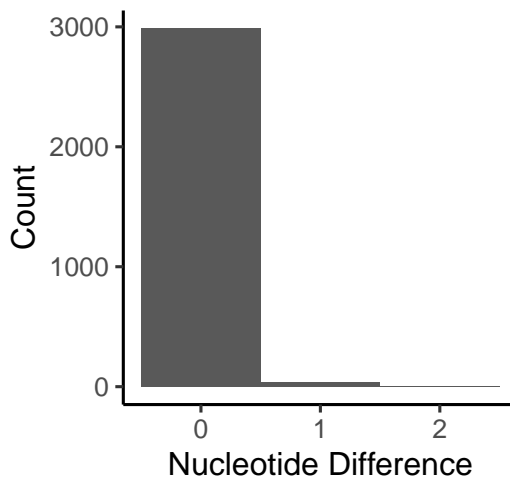
TRBV7-4*ap01

684 sequences assigned
674 (98.5%) exact matches, in which:
657 unique CDR3
13 unique J



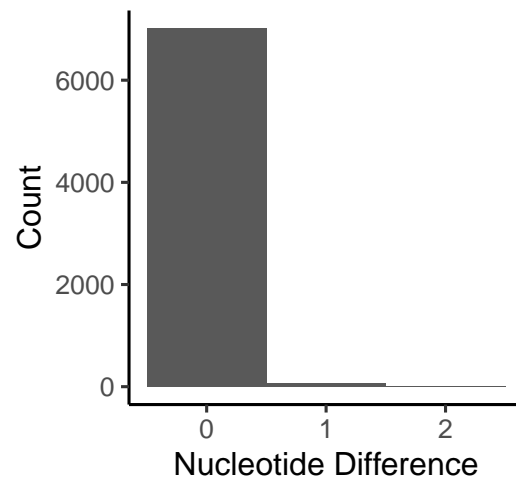
TRBV7-8*ap01

3025 sequences assigned
2987 (98.7%) exact matches, in which:
2925 unique CDR3
13 unique J



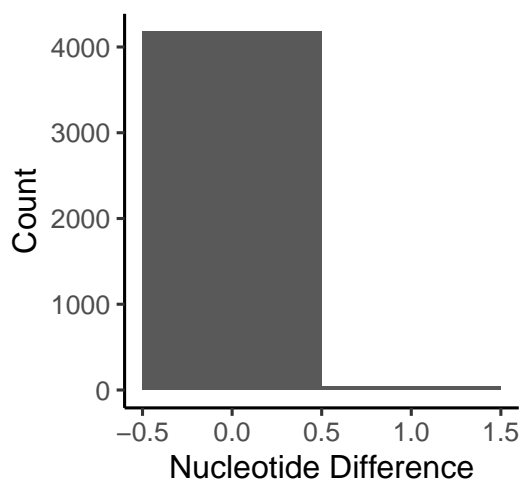
TRBV29-1*ap01

7093 sequences assigned
7014 (98.9%) exact matches, in which:
6908 unique CDR3
13 unique J



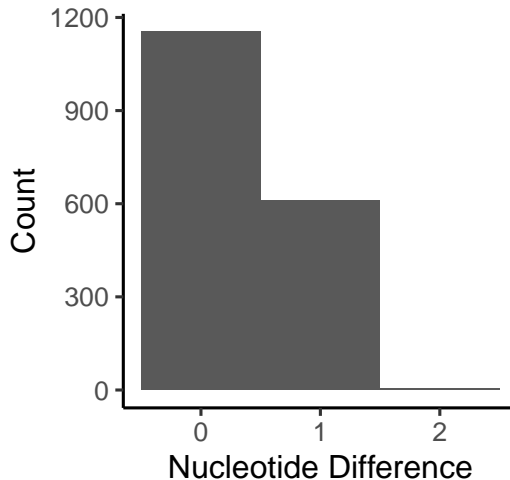
TRBV7-6*ap01

4218 sequences assigned
4178 (99.1%) exact matches, in which:
4099 unique CDR3
13 unique J



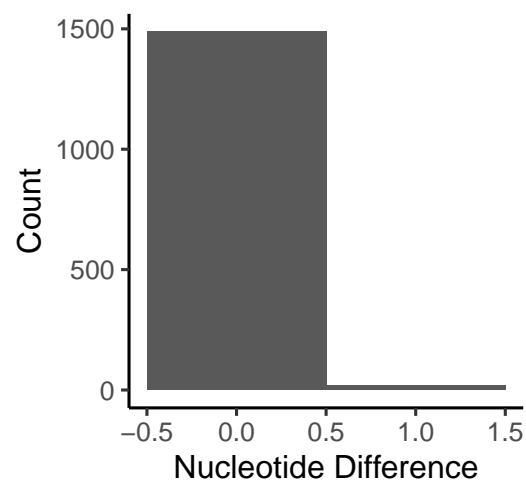
TRBV7-8*ap03

1771 sequences assigned
1154 (65.2%) exact matches, in which:
1134 unique CDR3
13 unique J



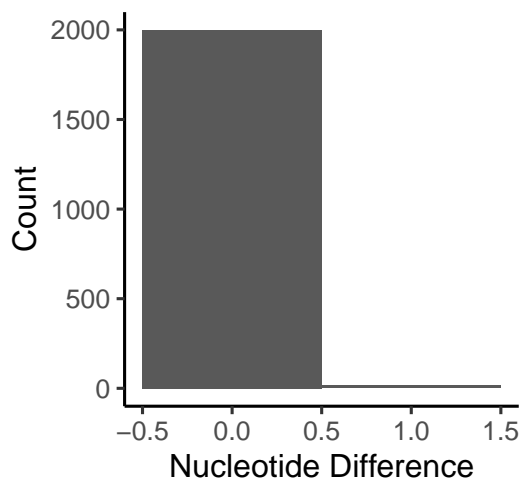
TRBV29-1*ap02

1505 sequences assigned
1488 (98.9%) exact matches, in which:
1458 unique CDR3
13 unique J



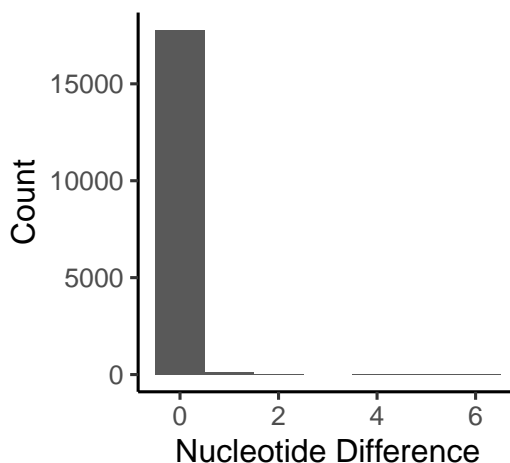
TRBV7-7*ap01

2014 sequences assigned
1999 (99.3%) exact matches, in which:
1961 unique CDR3
13 unique J

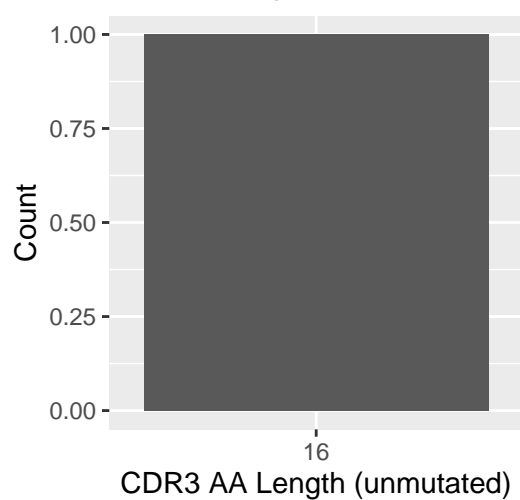


TRBV7-9*ap01

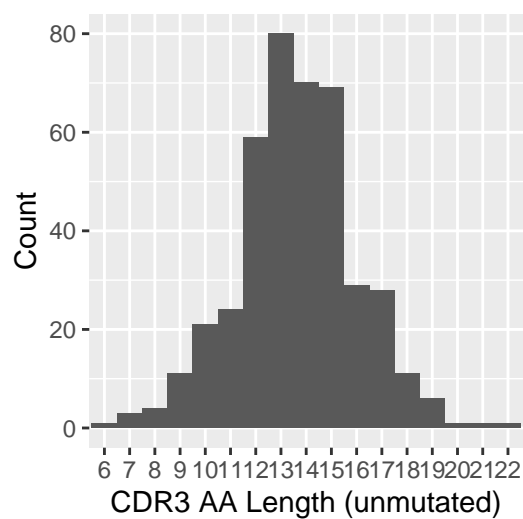
17919 sequences assigned
17787 (99.3%) exact matches, in which:
17539 unique CDR3
13 unique J



TRBV17*ap01_A289G



TRBV7-1*ap01_G291C_T296C_C314T





Warning – no inferred sequences found.