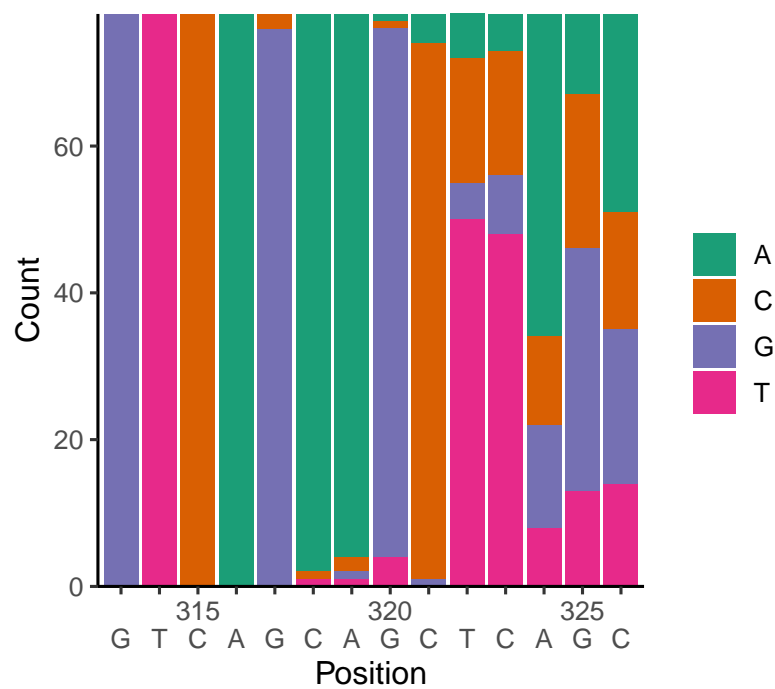
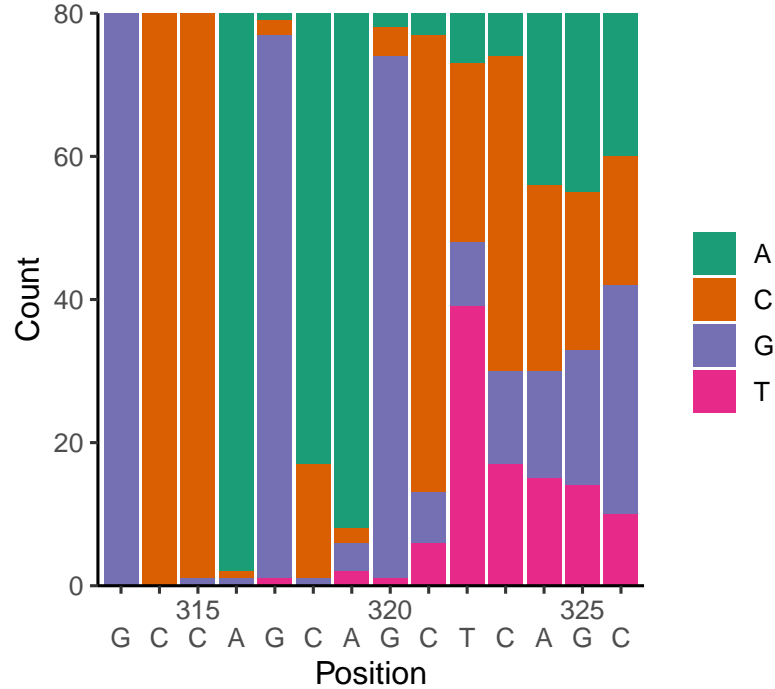


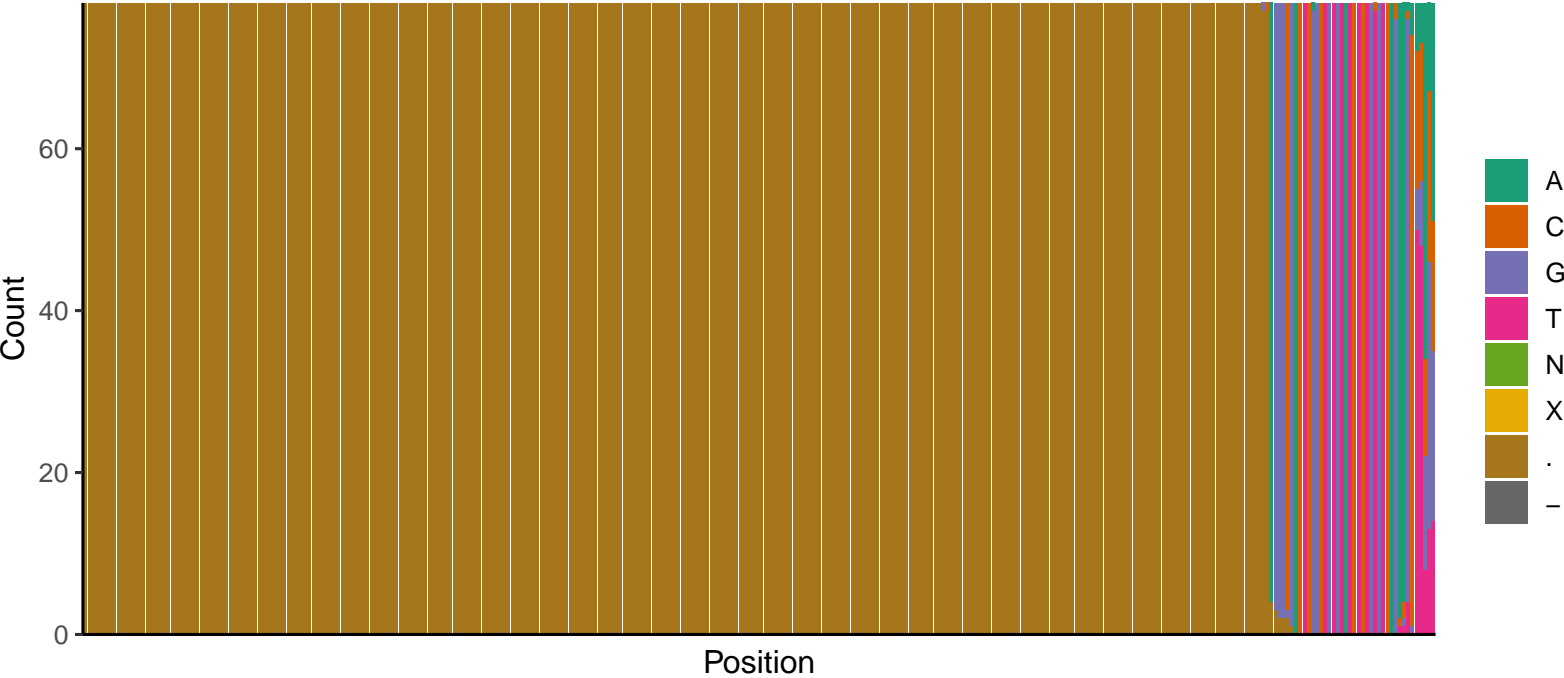
Gene TRBV7-1*ap01_T296C_C314T



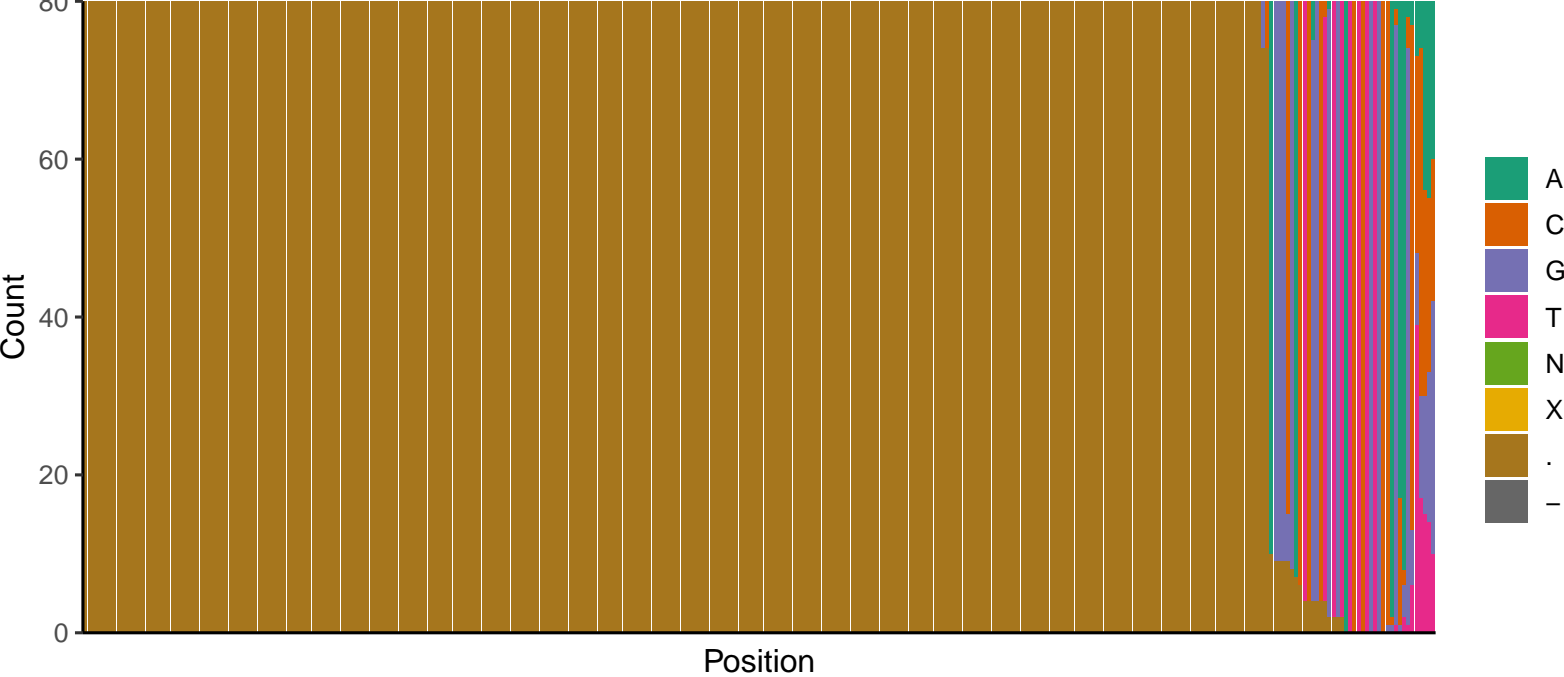
Gene TRBV7-1*ap01_T296C



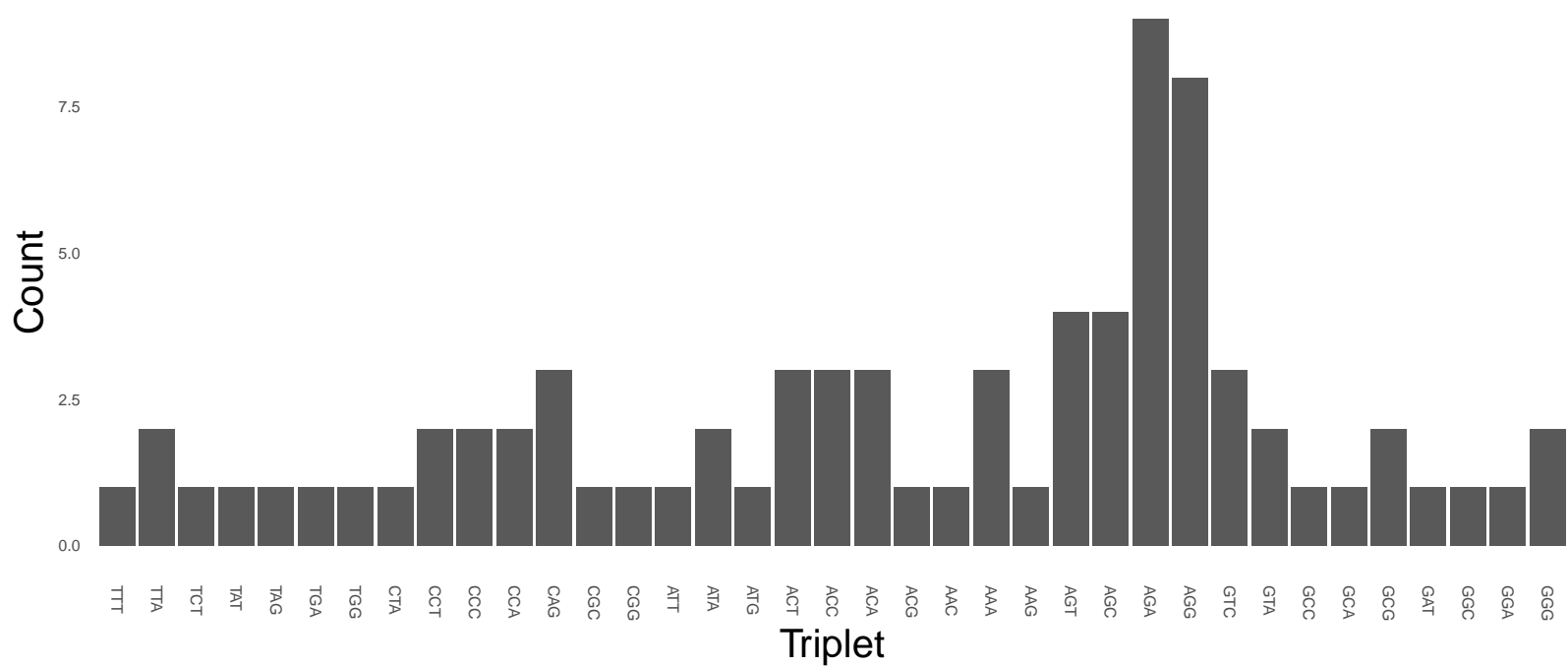
Gene TRBV7-1*ap01_T296C_C314T



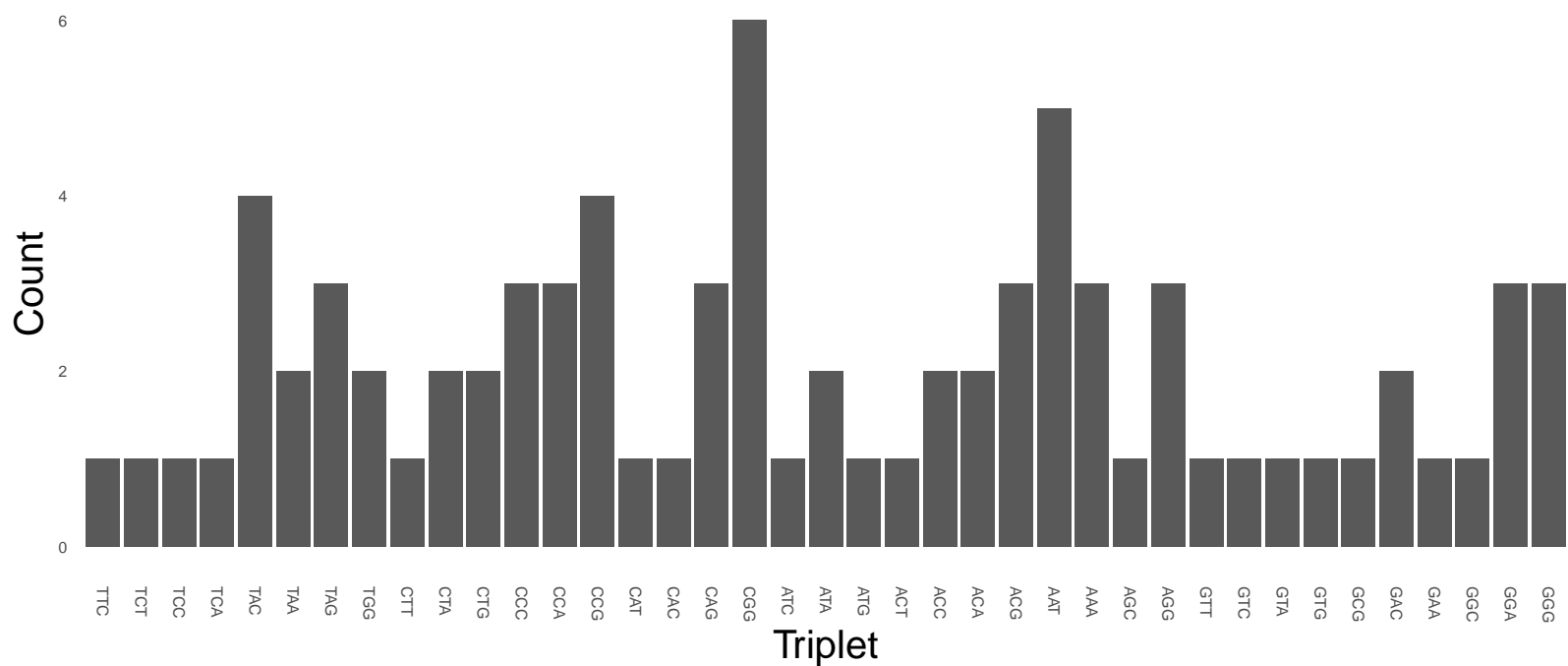
Gene TRBV7-1*ap01_T296C



TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet

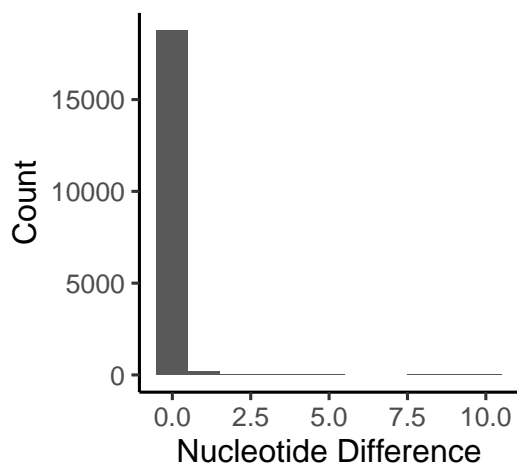


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



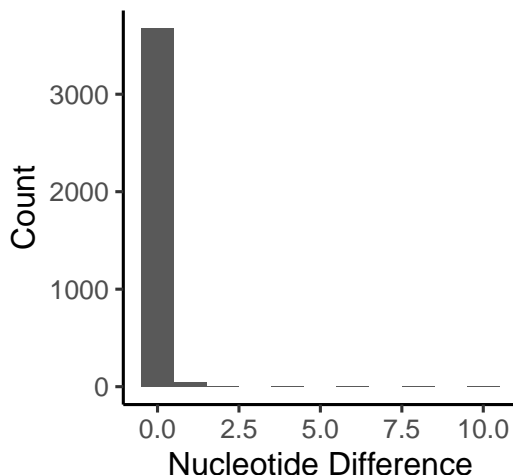
TRBV20-1*ap01

18983 sequences assigned
18782 (98.9%) exact matches, in which:
18419 unique CDR3
13 unique J



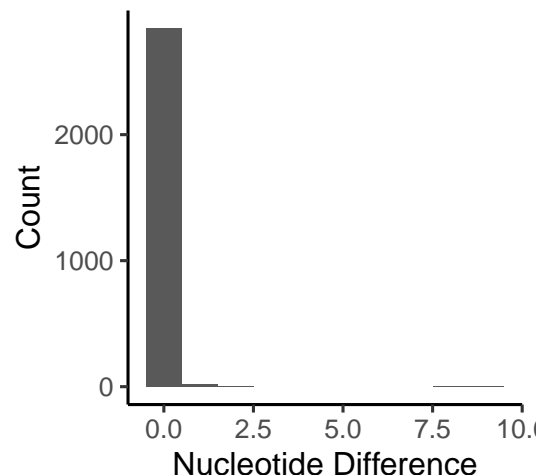
TRBV10-3*ap01

3726 sequences assigned
3675 (98.6%) exact matches, in which:
3567 unique CDR3
13 unique J



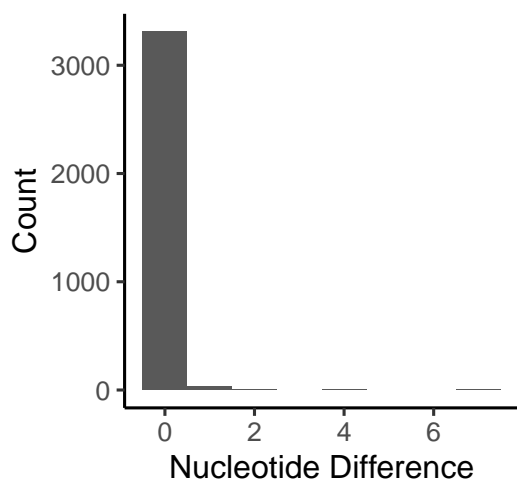
TRBV14*ap01

2863 sequences assigned
2843 (99.3%) exact matches, in which:
2790 unique CDR3
13 unique J



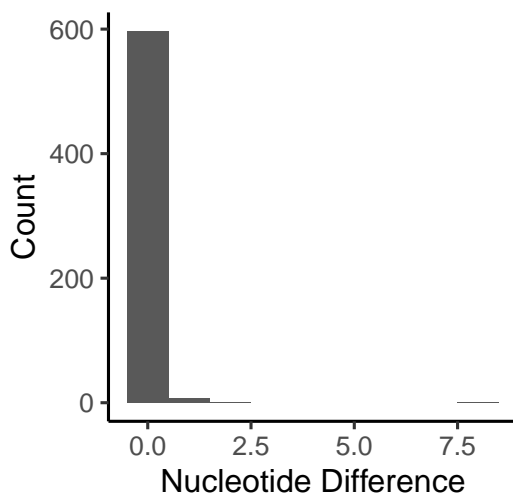
TRBV10-1*ap01

3343 sequences assigned
3310 (99%) exact matches, in which:
3189 unique CDR3
13 unique J



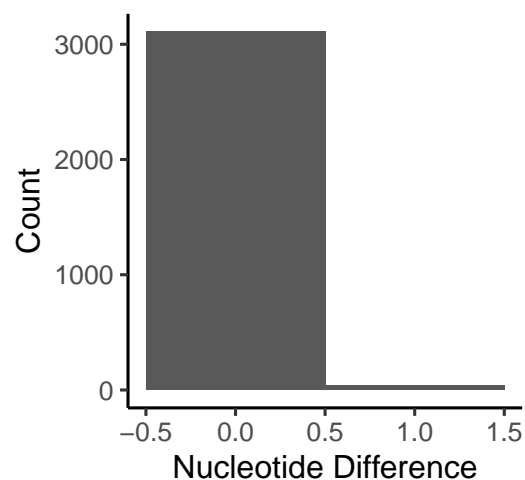
TRBV1*ap01

607 sequences assigned
597 (98.4%) exact matches, in which:
575 unique CDR3
13 unique J



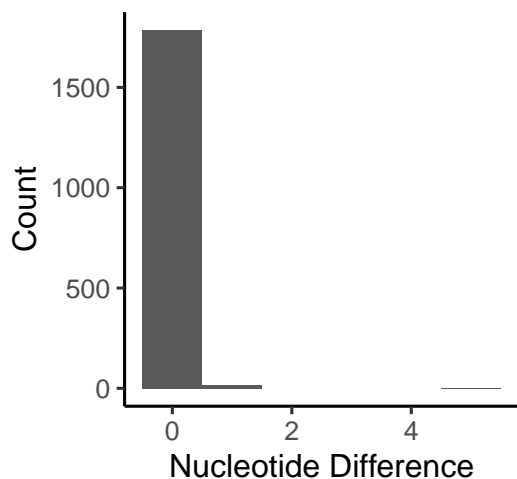
TRBV15*ap02

3151 sequences assigned
3109 (98.7%) exact matches, in which:
3002 unique CDR3
13 unique J



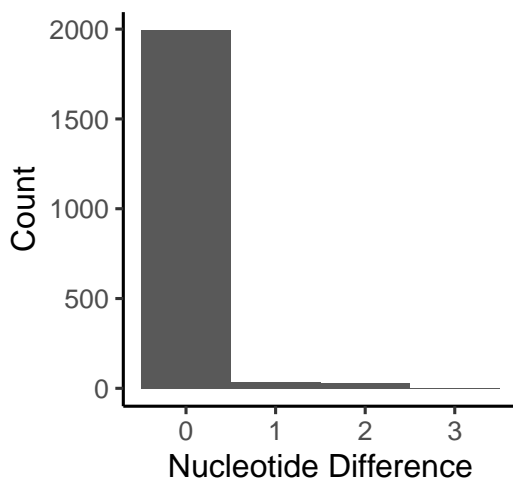
TRBV10-2*ap01

1805 sequences assigned
1786 (98.9%) exact matches, in which:
1727 unique CDR3
13 unique J



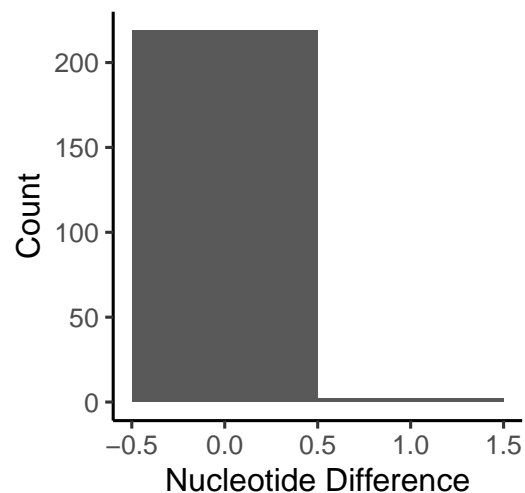
TRBV13*ap01

2063 sequences assigned
1995 (96.7%) exact matches, in which:
1898 unique CDR3
13 unique J



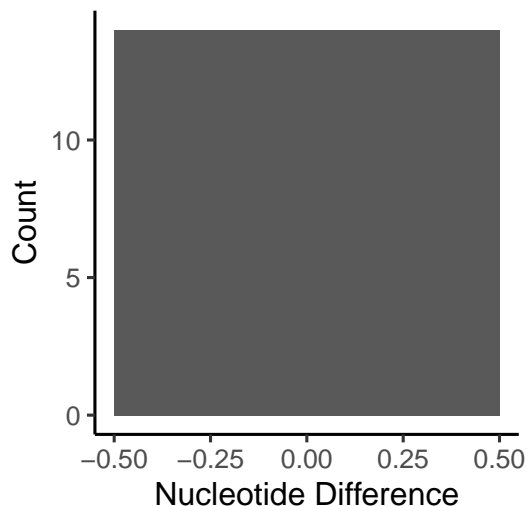
TRBV16*ap01

221 sequences assigned
219 (99.1%) exact matches, in which:
214 unique CDR3
13 unique J



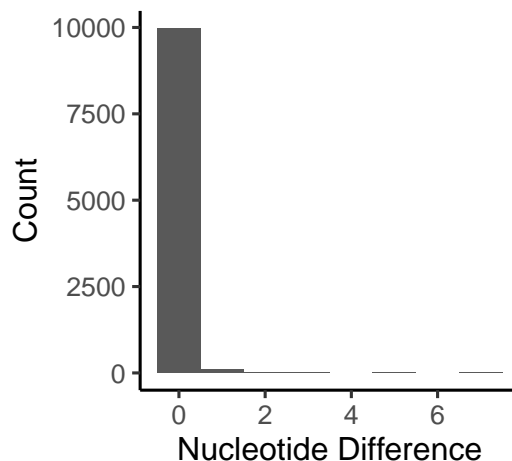
TRBV17*ap01

14 sequences assigned
14 (100%) exact matches, in which:
14 unique CDR3
5 unique J



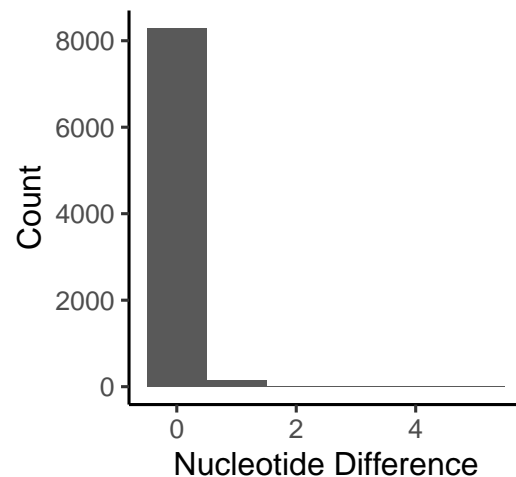
TRBV2*ap01

10100 sequences assigned
9980 (98.8%) exact matches, in which:
9667 unique CDR3
13 unique J



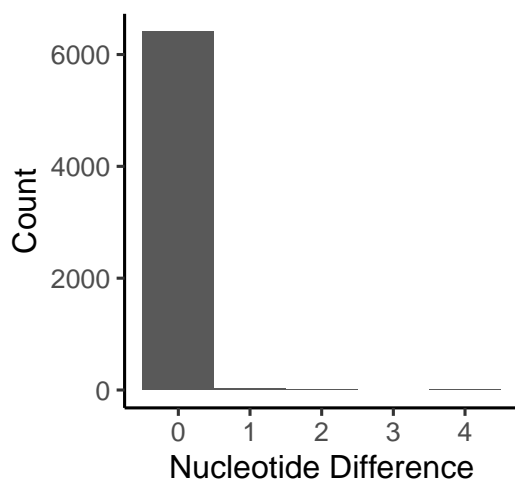
TRBV30*ap01

8444 sequences assigned
8285 (98.1%) exact matches, in which:
7867 unique CDR3
13 unique J



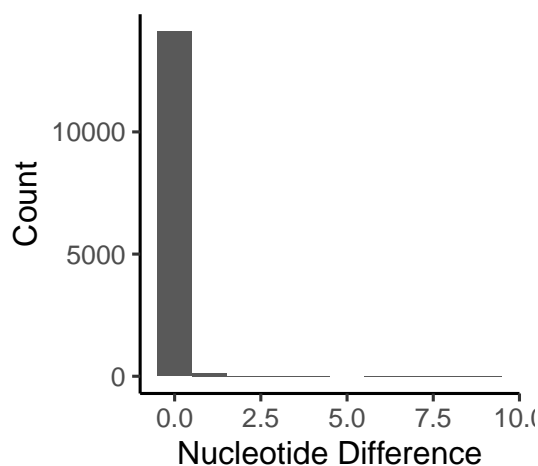
TRBV18*ap01

6445 sequences assigned
6408 (99.4%) exact matches, in which:
6337 unique CDR3
13 unique J



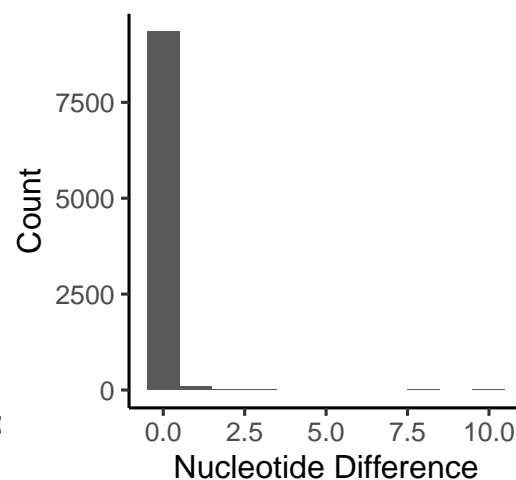
TRBV27*ap01

14269 sequences assigned
14111 (98.9%) exact matches, in which:
13665 unique CDR3
13 unique J



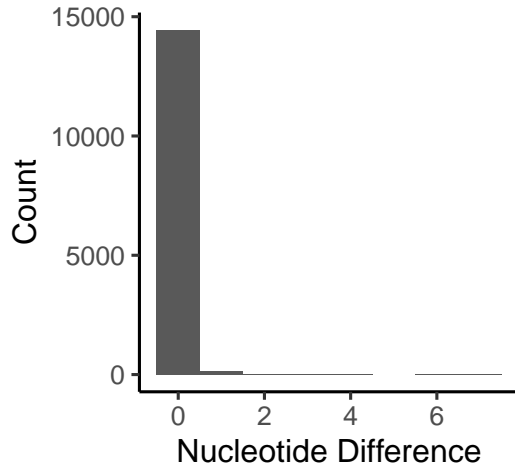
TRBV9*ap01

9438 sequences assigned
9342 (99%) exact matches, in which:
9155 unique CDR3
13 unique J



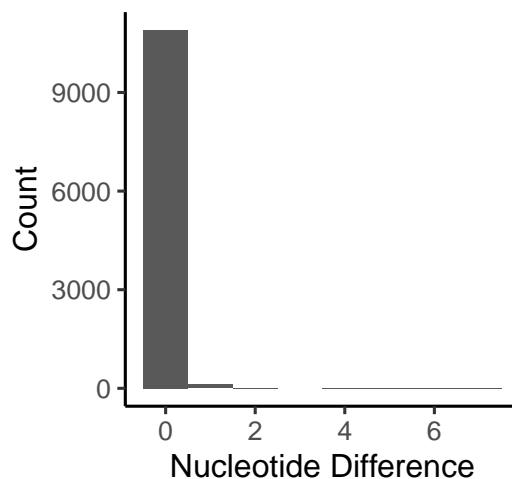
TRBV19*ap01

14593 sequences assigned
14451 (99%) exact matches, in which:
14264 unique CDR3
13 unique J



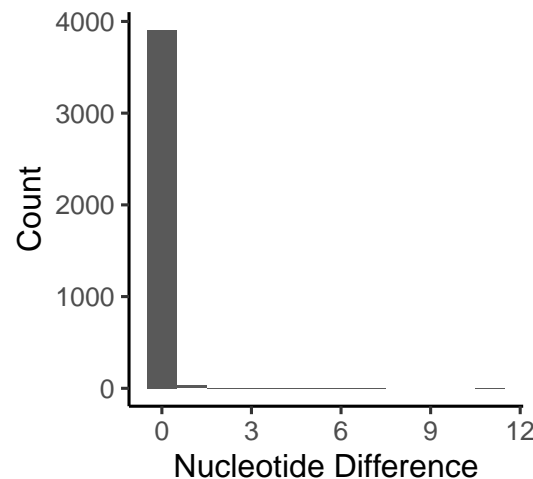
TRBV28*ap01

11019 sequences assigned
10899 (98.9%) exact matches, in which:
10628 unique CDR3
13 unique J



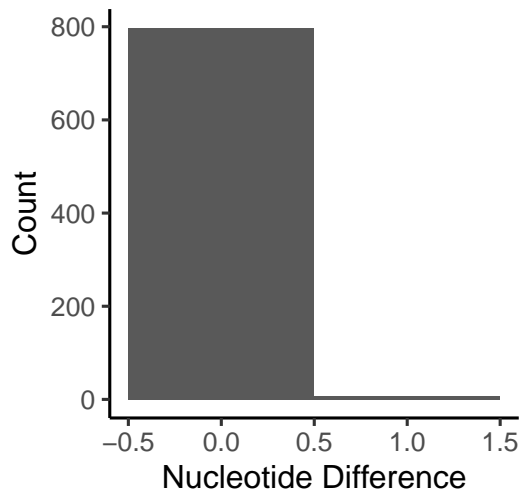
TRBV21-1*ap01

3955 sequences assigned
3906 (98.8%) exact matches, in which:
3863 unique CDR3
13 unique J



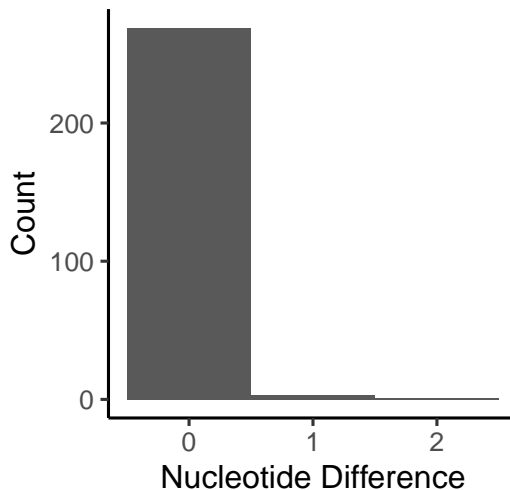
TRBV11-1*ap01

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



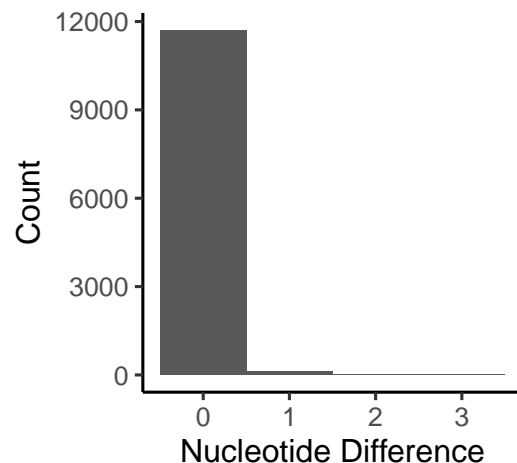
TRBV12-1*ap01

273 sequences assigned
269 (98.5%) exact matches, in which:
265 unique CDR3
13 unique J



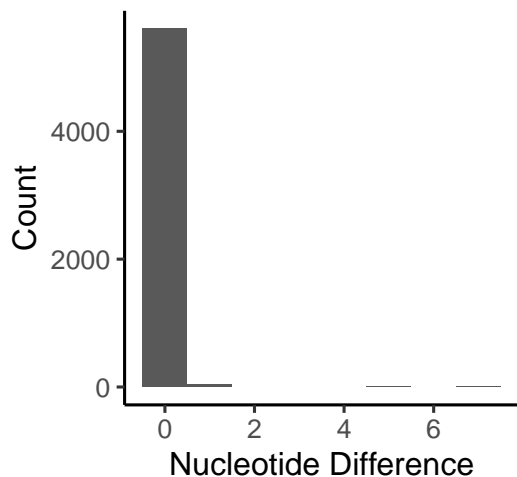
TRBV12-34*ap01

11834 sequences assigned
11708 (98.9%) exact matches, in which:
11394 unique CDR3
13 unique J



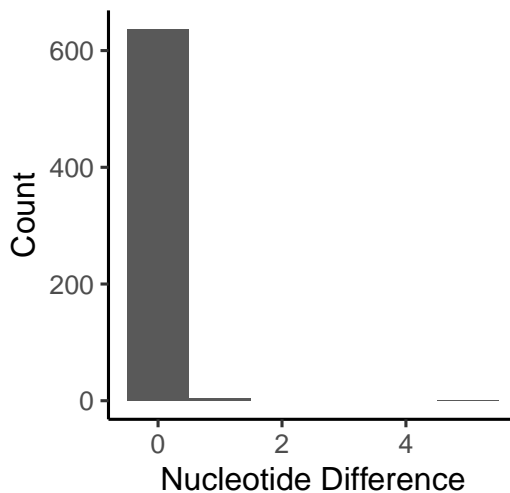
TRBV11-2*ap01

5643 sequences assigned
5605 (99.3%) exact matches, in which:
5522 unique CDR3
13 unique J



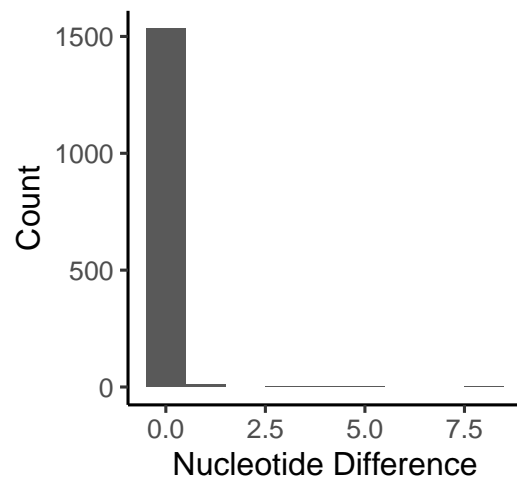
TRBV12-2*ap01

643 sequences assigned
637 (99.1%) exact matches, in which:
621 unique CDR3
13 unique J



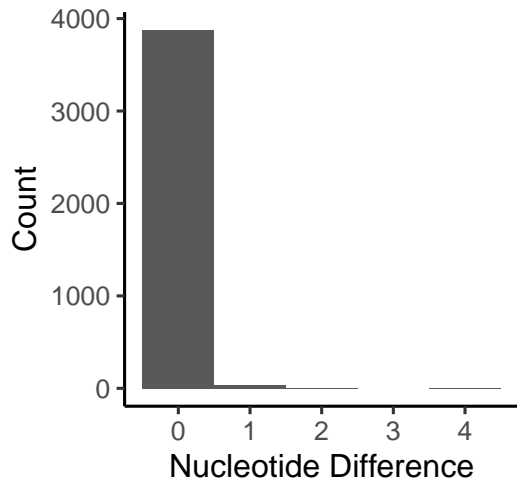
TRBV23-1*ap01

1550 sequences assigned
1533 (98.9%) exact matches, in which:
1508 unique CDR3
13 unique J



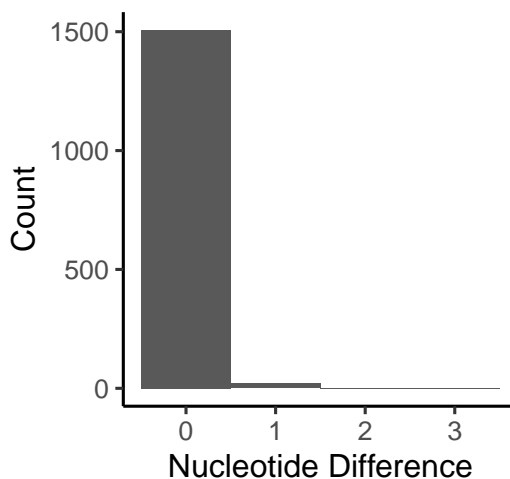
TRBV11-3*ap01

3913 sequences assigned
3876 (99.1%) exact matches, in which:
3821 unique CDR3
13 unique J



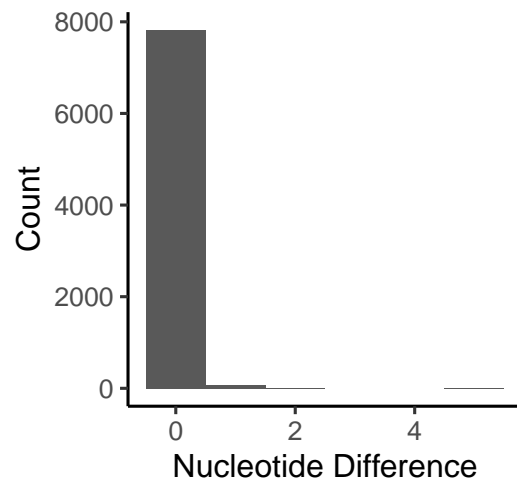
TRBV12-5*ap01

1531 sequences assigned
1507 (98.4%) exact matches, in which:
1466 unique CDR3
13 unique J



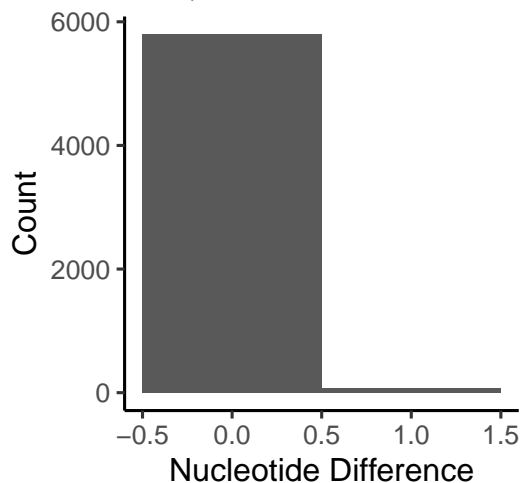
TRBV3-12*ap01

7890 sequences assigned
7820 (99.1%) exact matches, in which:
7678 unique CDR3
13 unique J



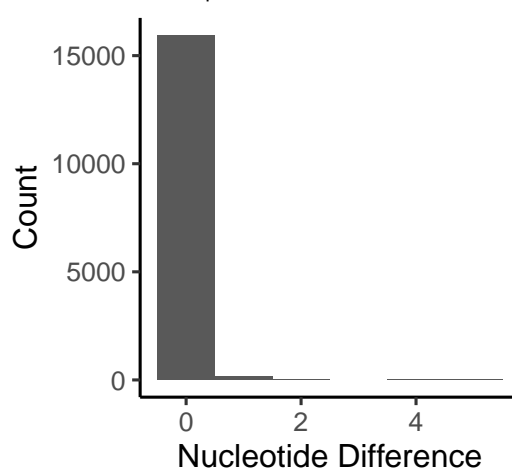
TRBV4-1*ap01

5866 sequences assigned
5796 (98.8%) exact matches, in which:
5602 unique CDR3
13 unique J



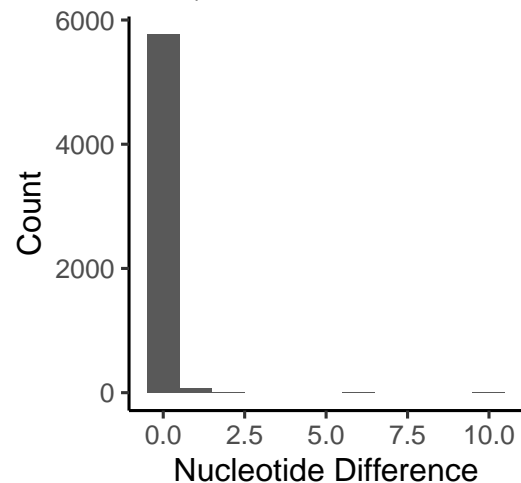
TRBV5-1*ap01

16101 sequences assigned
15947 (99%) exact matches, in which:
15361 unique CDR3
13 unique J



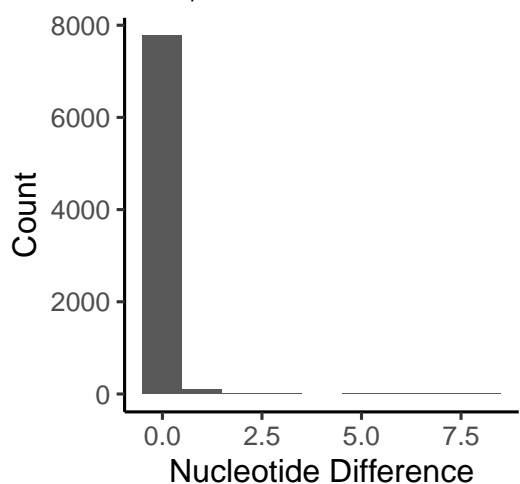
TRBV5-4*ap01

5849 sequences assigned
5768 (98.6%) exact matches, in which:
5559 unique CDR3
13 unique J



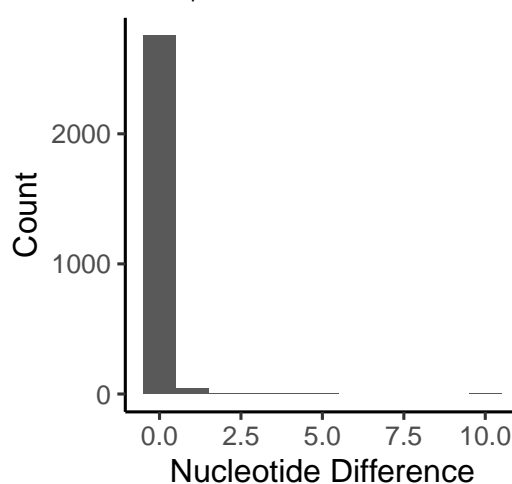
TRBV24-1*ap01

7880 sequences assigned
7772 (98.6%) exact matches, in which:
7508 unique CDR3
13 unique J



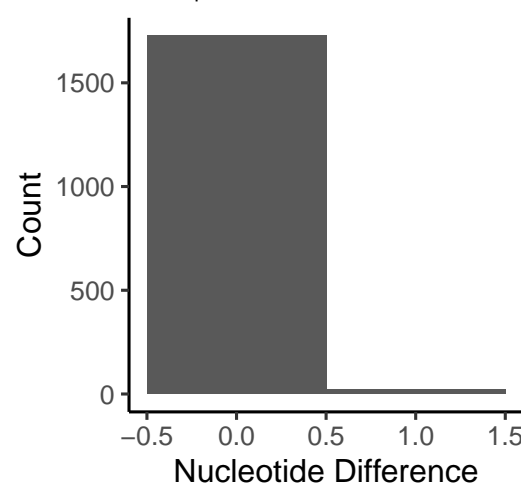
TRBV25-1*ap01

2800 sequences assigned
2754 (98.4%) exact matches, in which:
2619 unique CDR3
13 unique J



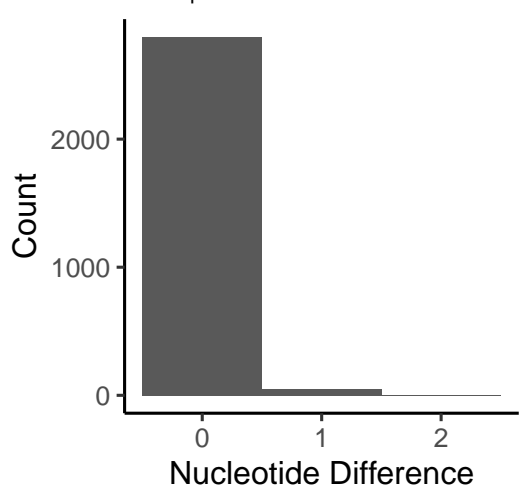
TRBV5-5*ap01

1748 sequences assigned
1727 (98.8%) exact matches, in which:
1708 unique CDR3
13 unique J



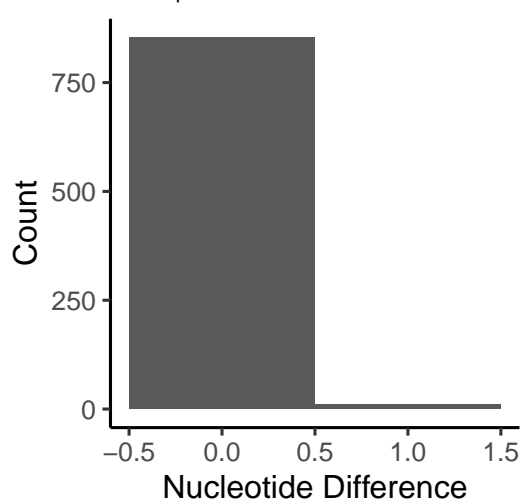
TRBV4-2*ap01

2847 sequences assigned
2797 (98.2%) exact matches, in which:
2710 unique CDR3
13 unique J



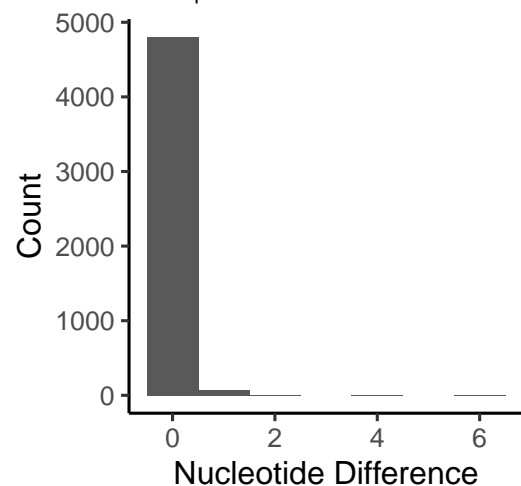
TRBV5-3*ap01

864 sequences assigned
854 (98.8%) exact matches, in which:
831 unique CDR3
13 unique J



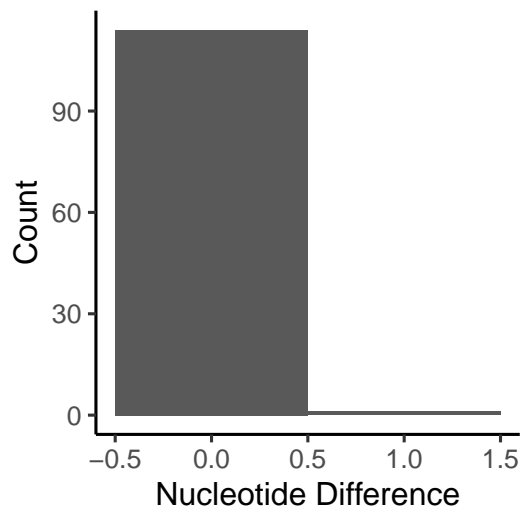
TRBV5-6*ap01

4877 sequences assigned
4802 (98.5%) exact matches, in which:
4580 unique CDR3
13 unique J



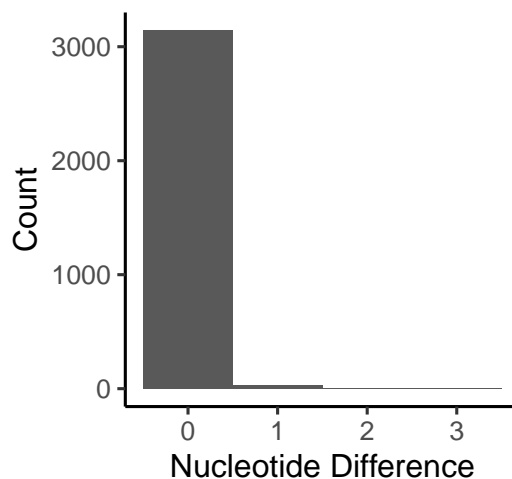
TRBV5-7*ap01

115 sequences assigned
114 (99.1%) exact matches, in which:
110 unique CDR3
13 unique J



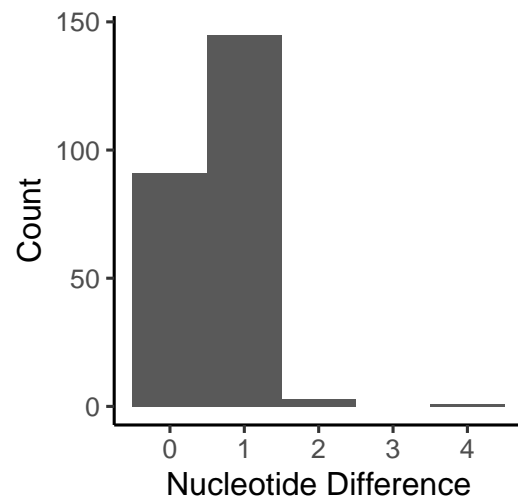
TRBV6-4*ap01

3173 sequences assigned
3143 (99.1%) exact matches, in which:
3091 unique CDR3
13 unique J



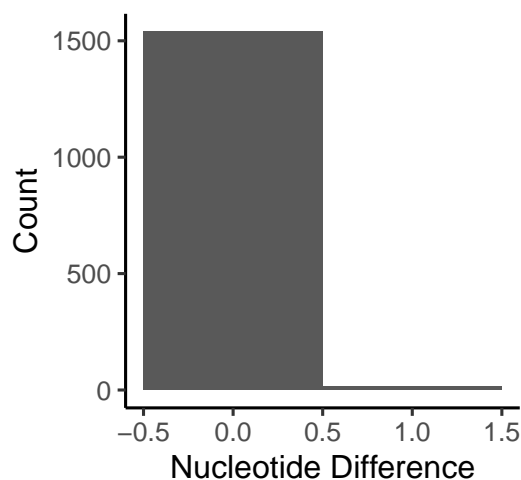
TRBV6-9*ap01

240 sequences assigned
91 (37.9%) exact matches, in which:
85 unique CDR3
12 unique J



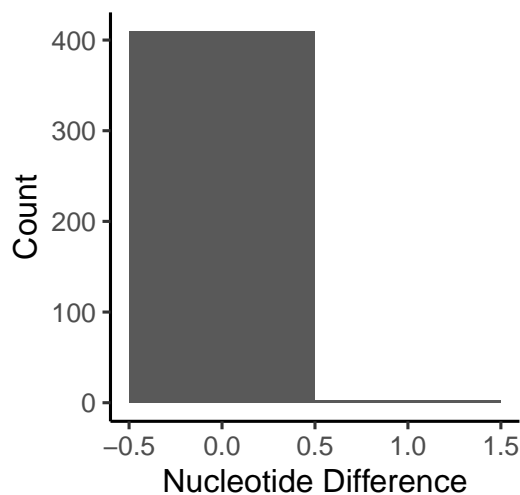
TRBV5-8*ap01

1553 sequences assigned
1539 (99.1%) exact matches, in which:
1503 unique CDR3
13 unique J



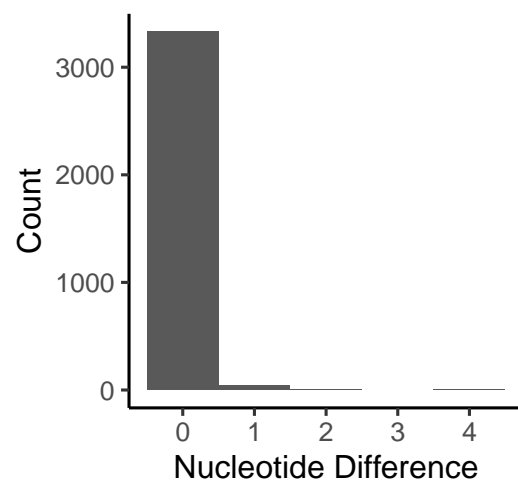
TRBV6-7*ap01

413 sequences assigned
410 (99.3%) exact matches, in which:
394 unique CDR3
13 unique J



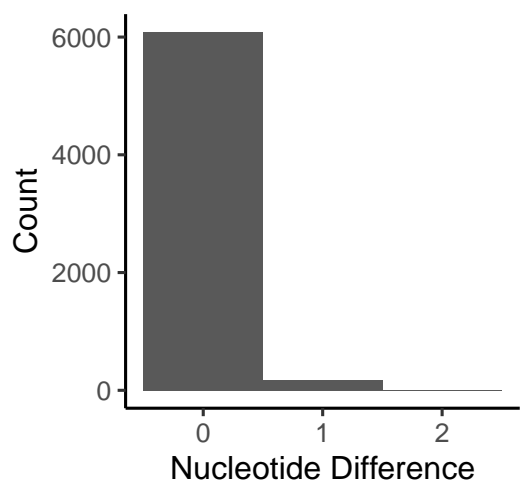
TRBV6-23*ap01

3376 sequences assigned
3330 (98.6%) exact matches, in which:
3174 unique CDR3
14 unique J



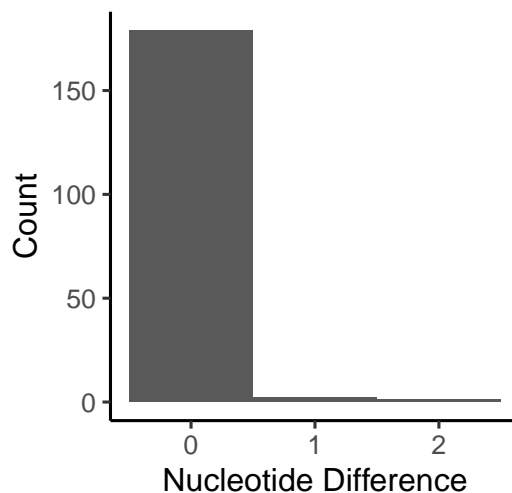
TRBV6-1*ap01

6265 sequences assigned
6085 (97.1%) exact matches, in which:
5809 unique CDR3
13 unique J



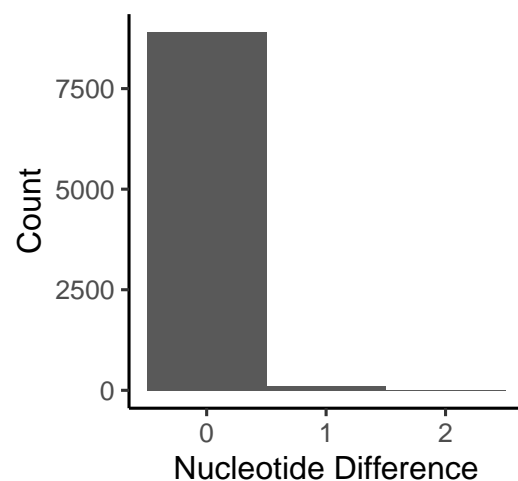
TRBV6-8*ap01

182 sequences assigned
179 (98.4%) exact matches, in which:
171 unique CDR3
13 unique J



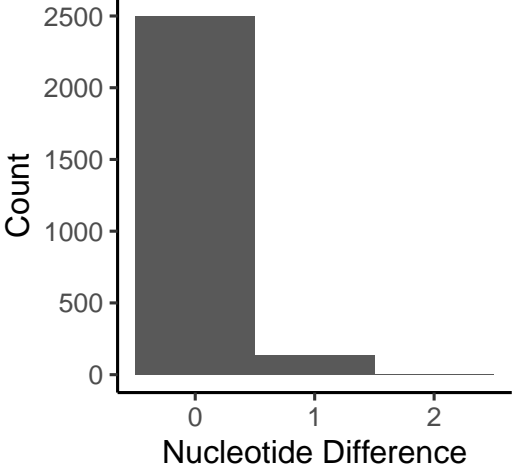
TRBV6-56*ap01

9019 sequences assigned
8906 (98.7%) exact matches, in which:
8515 unique CDR3
13 unique J



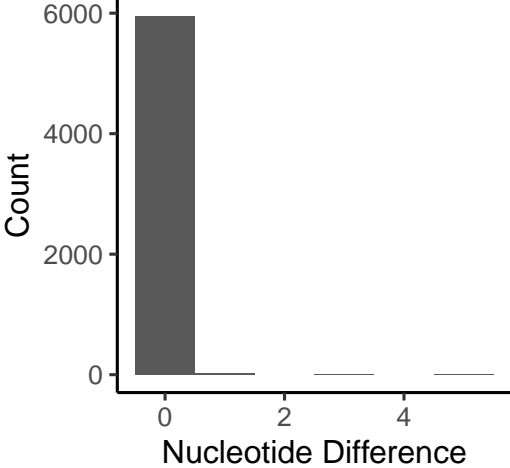
TRBV6-56*ap02

2635 sequences assigned
2497 (94.8%) exact matches, in which:
2385 unique CDR3
13 unique J



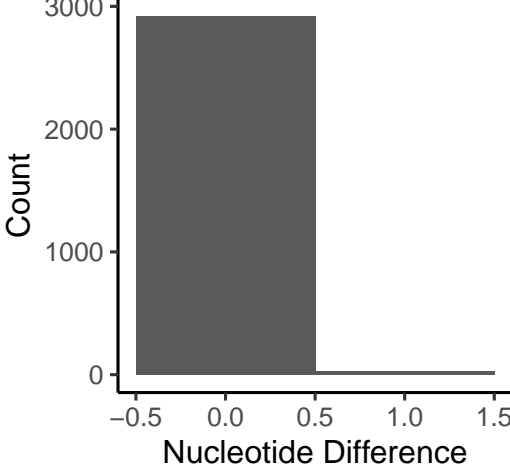
TRBV7-2*ap01

5979 sequences assigned
5946 (99.4%) exact matches, in which:
5797 unique CDR3
13 unique J



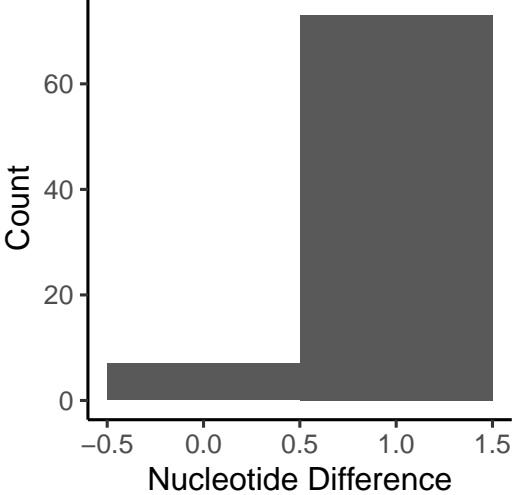
TRBV7-6*ap01

2945 sequences assigned
2918 (99.1%) exact matches, in which:
2841 unique CDR3
13 unique J



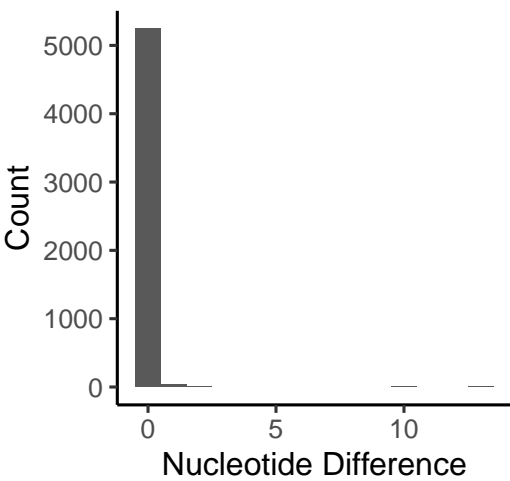
TRBV7-1*ap01_T296C

80 sequences assigned
7 (8.8%) exact matches, in which:
6 unique CDR3
6 unique J



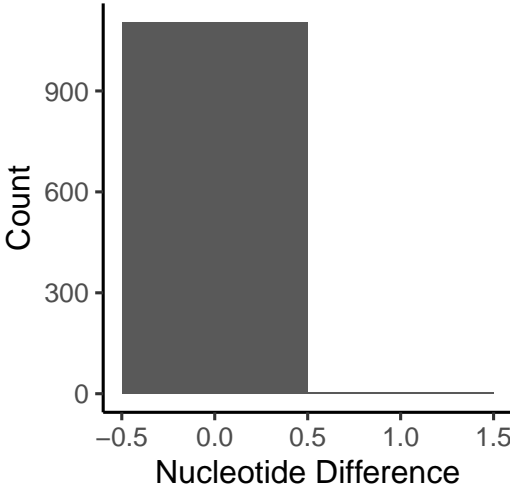
TRBV7-3*ap01

5289 sequences assigned
5244 (99.1%) exact matches, in which:
5165 unique CDR3
13 unique J



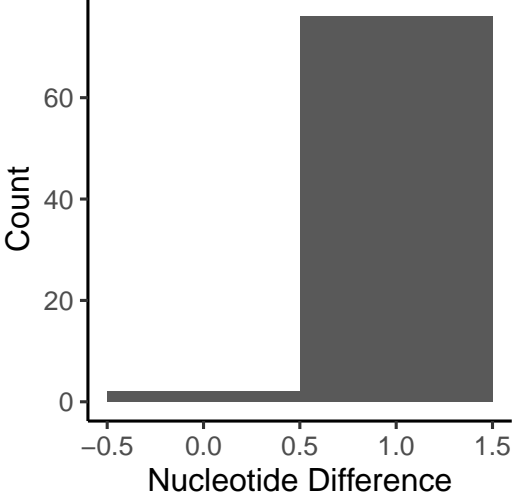
TRBV7-7*ap01

1110 sequences assigned
1105 (99.5%) exact matches, in which:
1075 unique CDR3
13 unique J



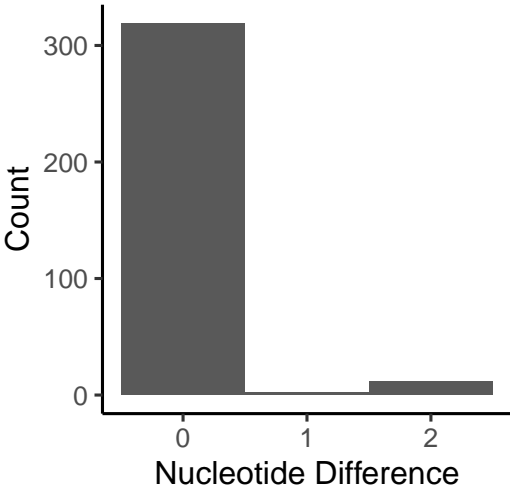
TRBV7-1*ap01_T296C_C

78 sequences assigned
2 (2.6%) exact matches, in which:
2 unique CDR3
2 unique J



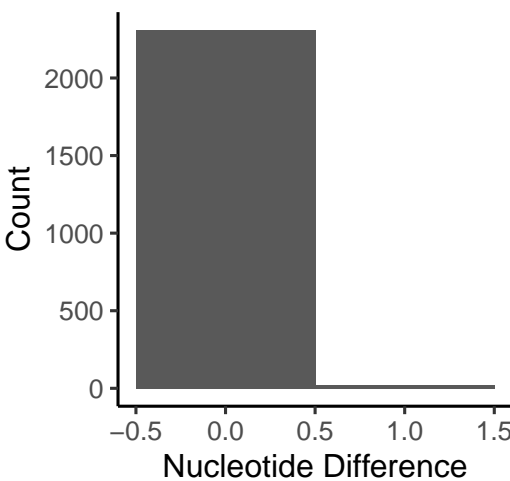
TRBV7-4*ap01

333 sequences assigned
319 (95.8%) exact matches, in which:
310 unique CDR3
13 unique J



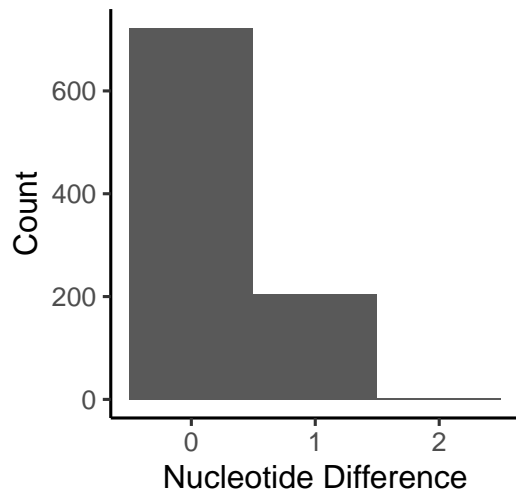
TRBV7-8*ap01

2332 sequences assigned
2309 (99%) exact matches, in which:
2250 unique CDR3
13 unique J



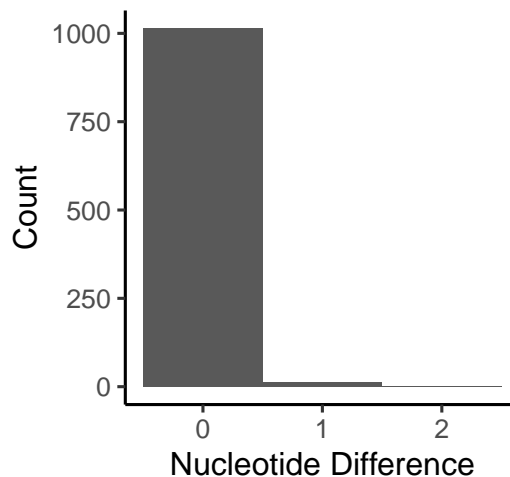
TRBV7-8*ap03

930 sequences assigned
723 (77.7%) exact matches, in which:
700 unique CDR3
13 unique J



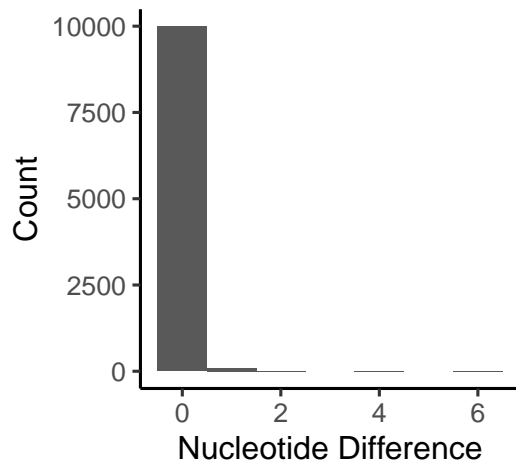
TRBV29-1*ap02

1028 sequences assigned
1014 (98.6%) exact matches, in which:
954 unique CDR3
13 unique J



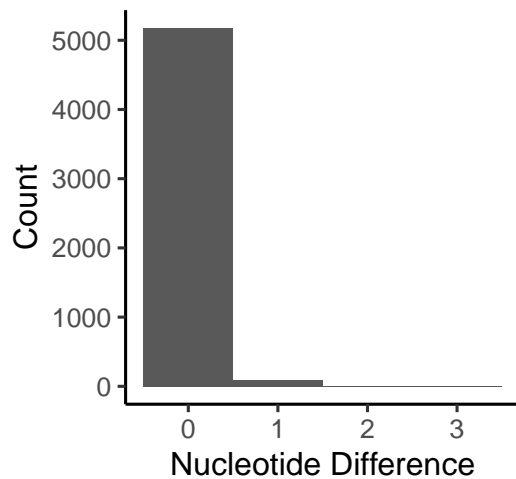
TRBV7-9*ap01

10093 sequences assigned
9992 (99%) exact matches, in which:
9746 unique CDR3
13 unique J

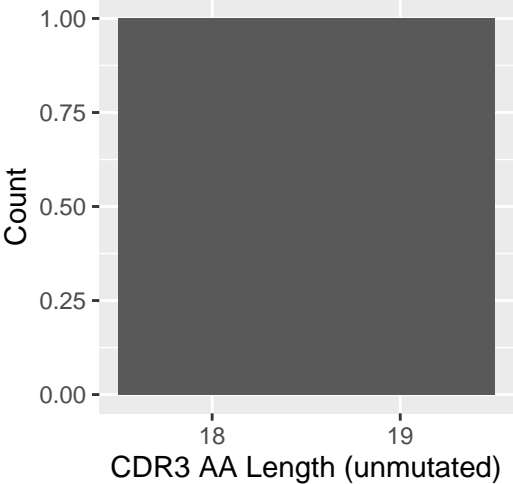


TRBV29-1*ap01

5275 sequences assigned
5177 (98.1%) exact matches, in which:
4872 unique CDR3
13 unique J



TRBV7-1*ap01_T296C_C314T



TRBV7-1*ap01_T296C

