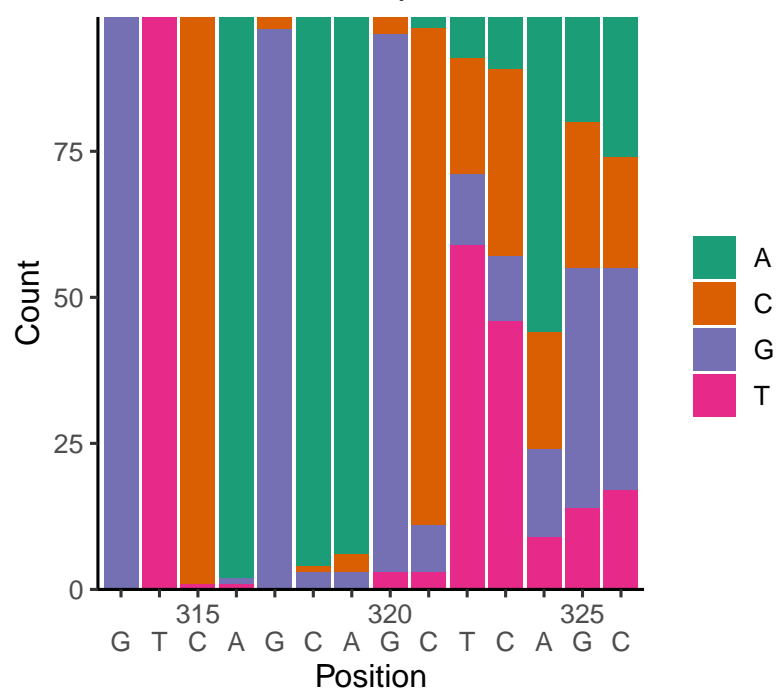
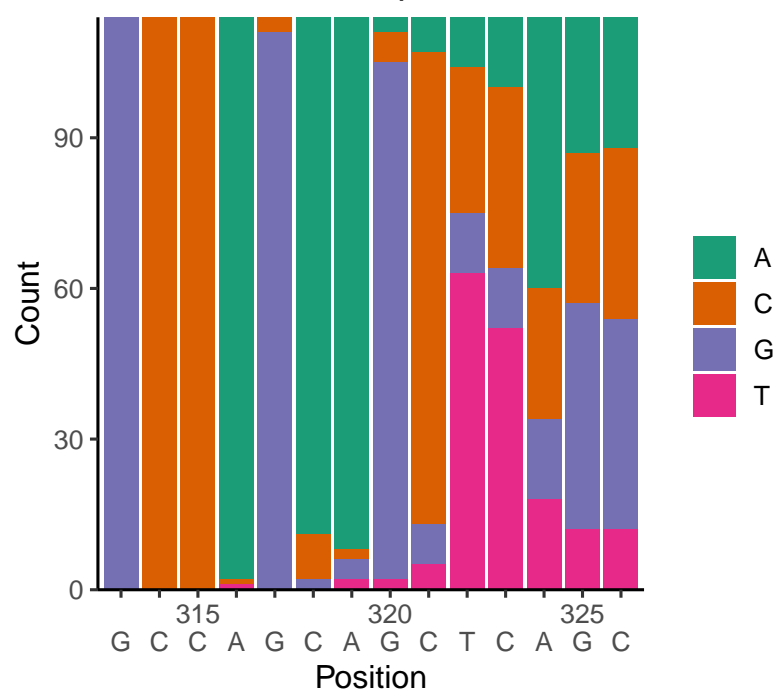


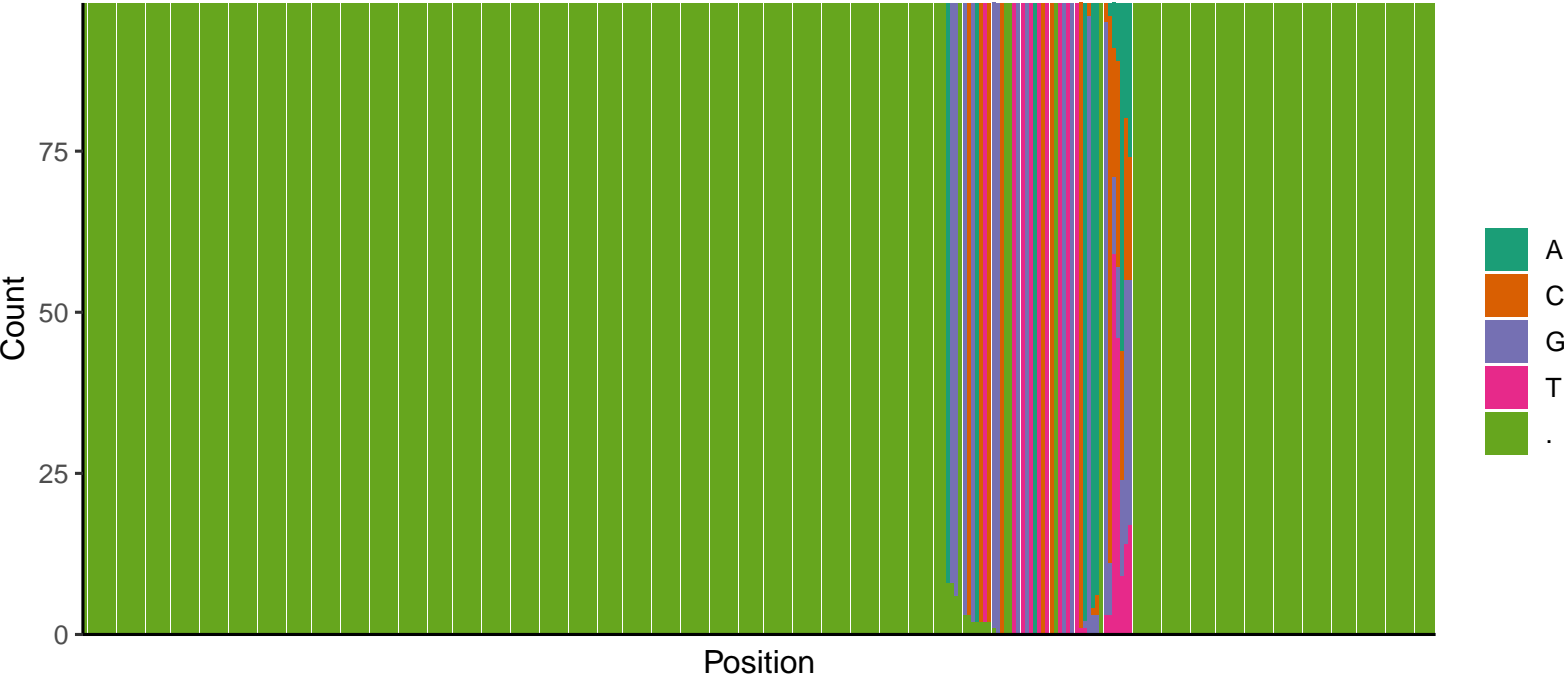
Gene TRBV7-1*ap01_G291C_T296C_C314T



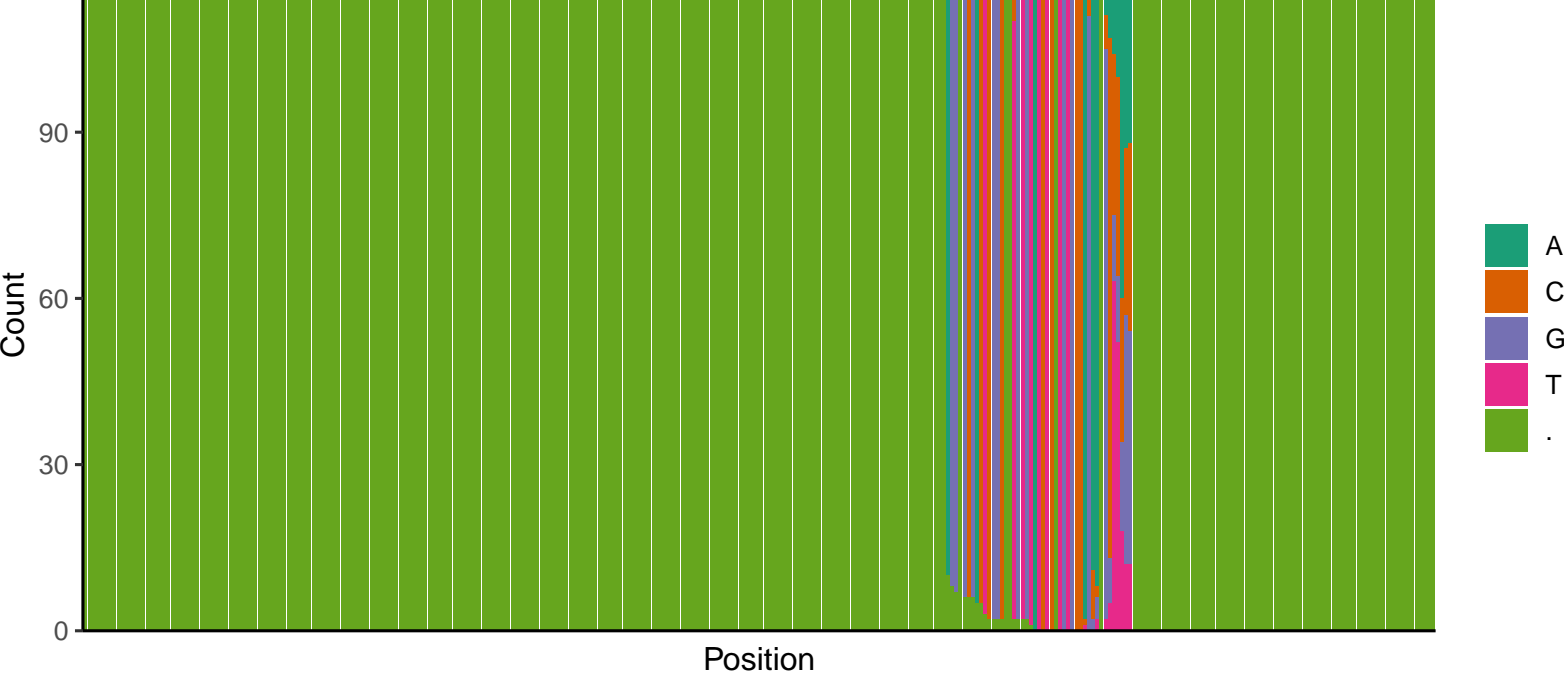
Gene TRBV7-1*ap01_G291C_T296C



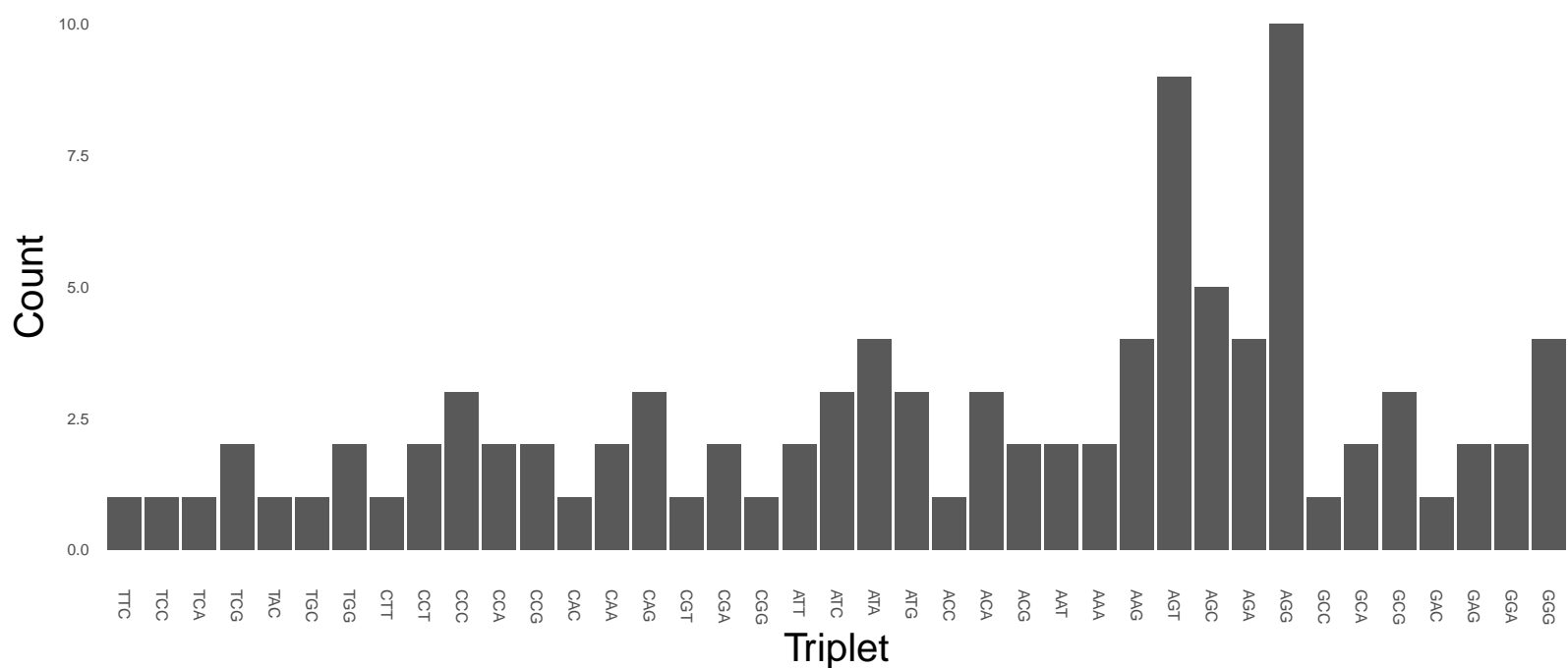
Gene TRBV7-1*ap01_G291C_T296C_C314T



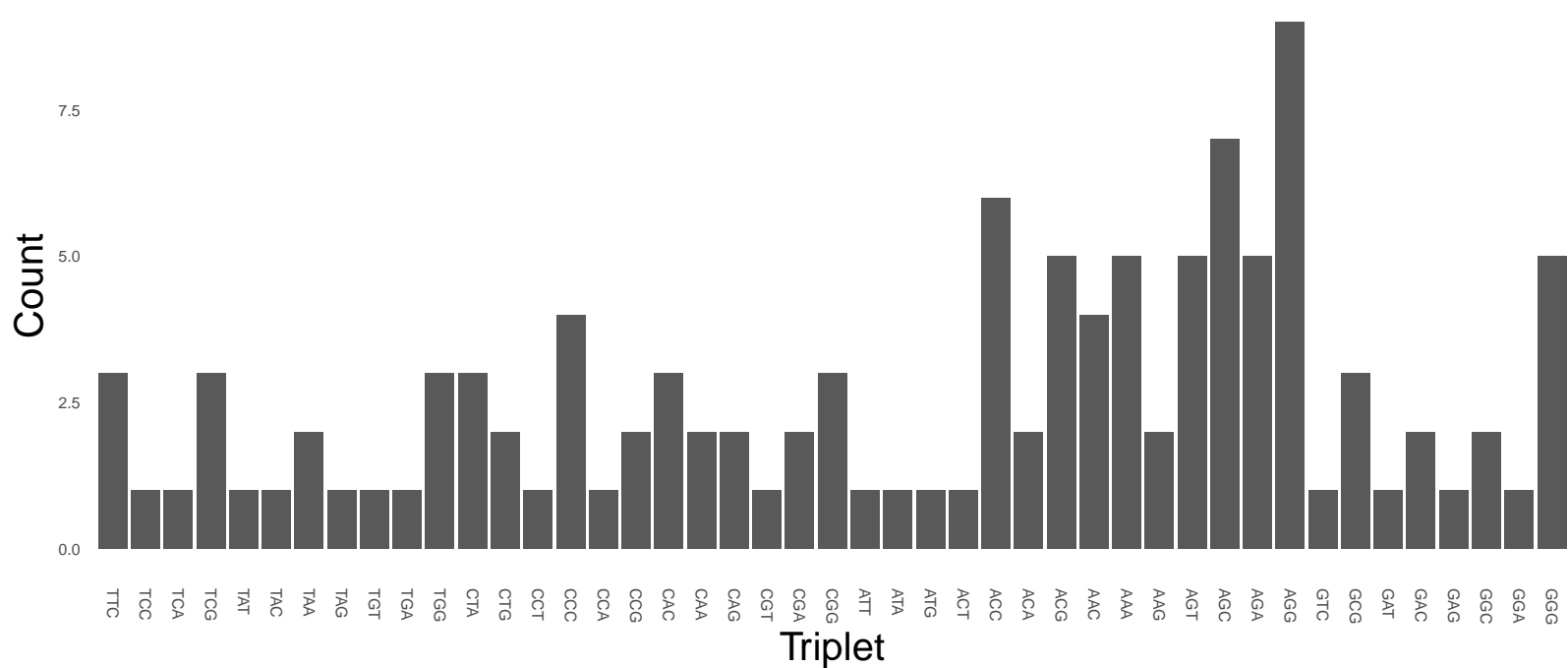
Gene TRBV7-1*ap01_G291C_T296C



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

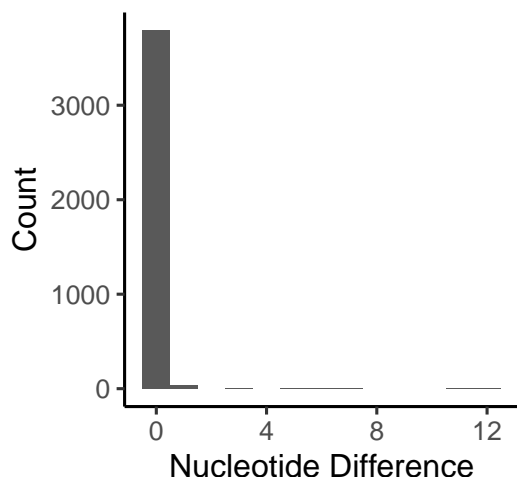


TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



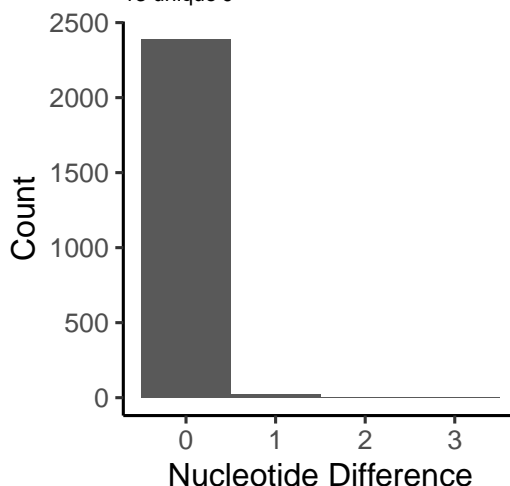
TRBV10-1*ap01

3839 sequences assigned
3792 (98.8%) exact matches, in which:
3663 unique CDR3
13 unique J



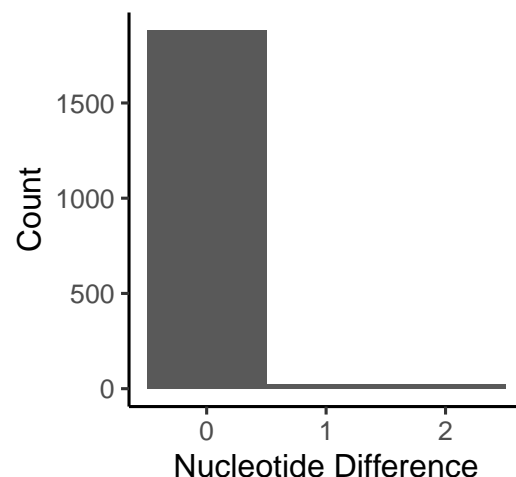
TRBV10-2*ap01

2412 sequences assigned
2388 (99%) exact matches, in which:
2313 unique CDR3
13 unique J



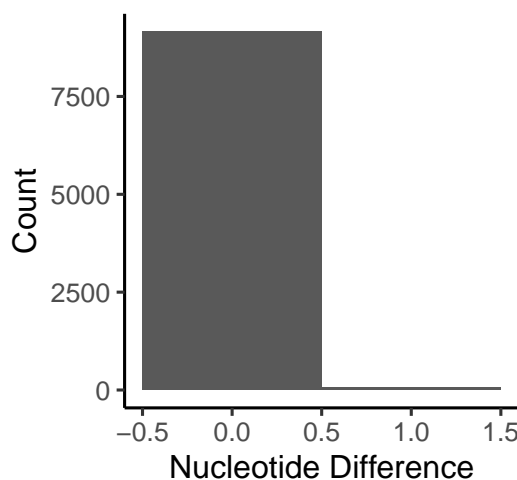
TRBV13*ap01

1926 sequences assigned
1881 (97.7%) exact matches, in which:
1788 unique CDR3
13 unique J



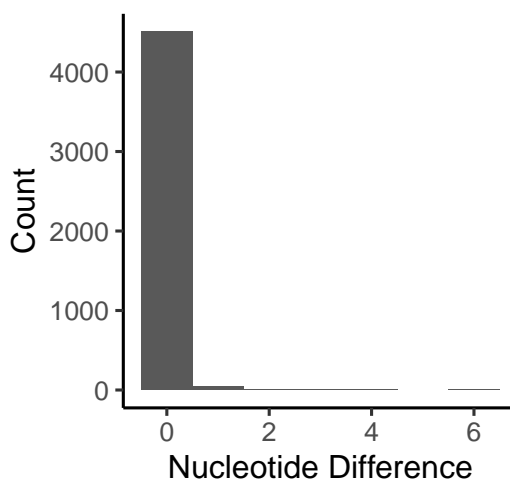
TRBV20-1*ap01

9210 sequences assigned
9154 (99.4%) exact matches, in which:
9010 unique CDR3
13 unique J



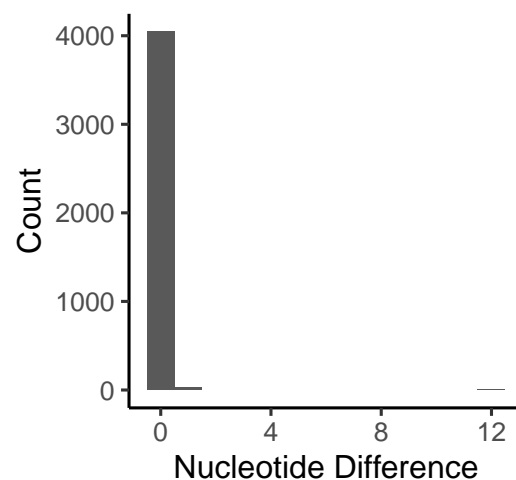
TRBV10-3*ap01

4560 sequences assigned
4507 (98.8%) exact matches, in which:
4339 unique CDR3
13 unique J



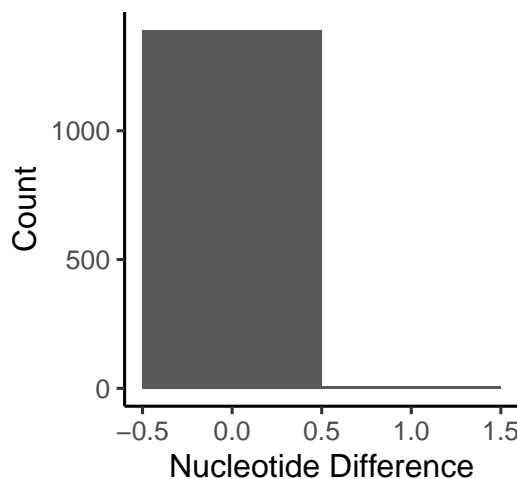
TRBV14*ap01

4072 sequences assigned
4045 (99.3%) exact matches, in which:
3947 unique CDR3
13 unique J



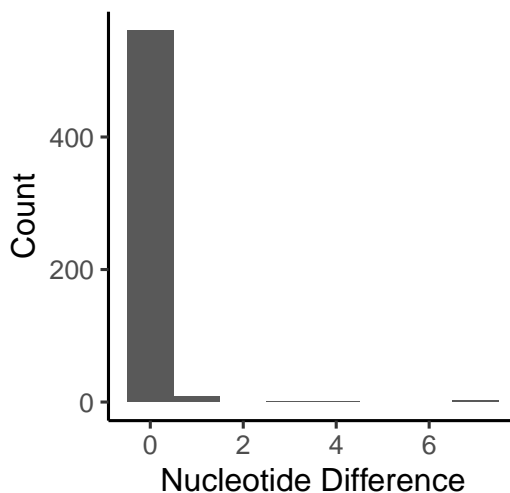
TRBV20-1*ap02

1401 sequences assigned
1391 (99.3%) exact matches, in which:
1371 unique CDR3
13 unique J



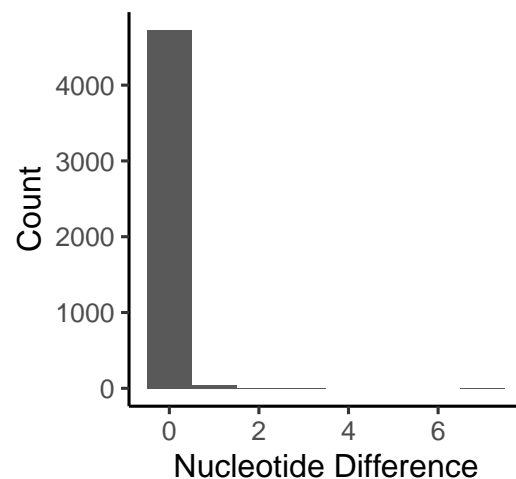
TRBV1*ap01

573 sequences assigned
561 (97.9%) exact matches, in which:
534 unique CDR3
13 unique J



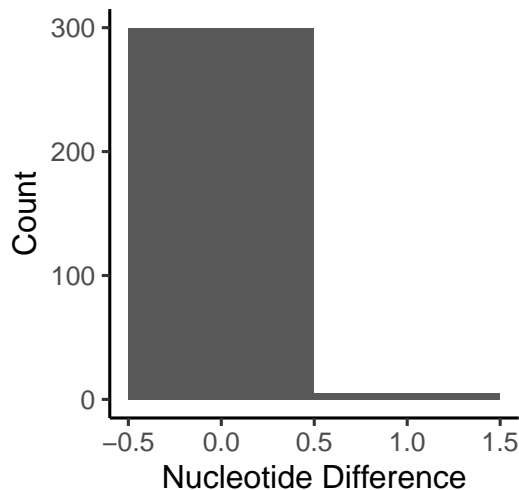
TRBV15*ap02

4776 sequences assigned
4727 (99%) exact matches, in which:
4568 unique CDR3
13 unique J



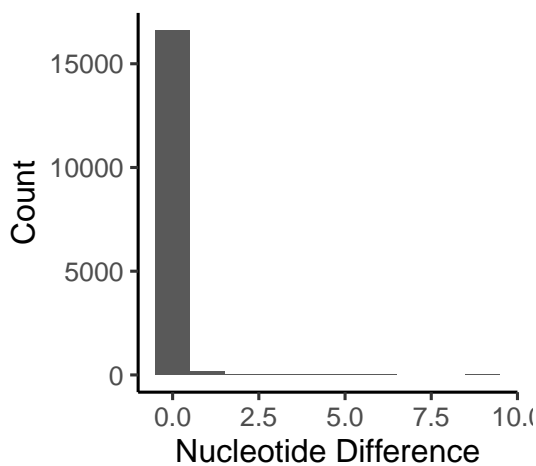
TRBV16*ap01

305 sequences assigned
300 (98.4%) exact matches, in which:
295 unique CDR3
13 unique J



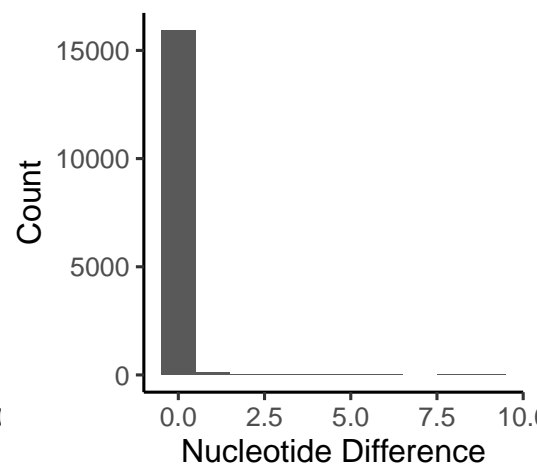
TRBV19*ap01

16795 sequences assigned
16620 (99%) exact matches, in which:
16363 unique CDR3
13 unique J



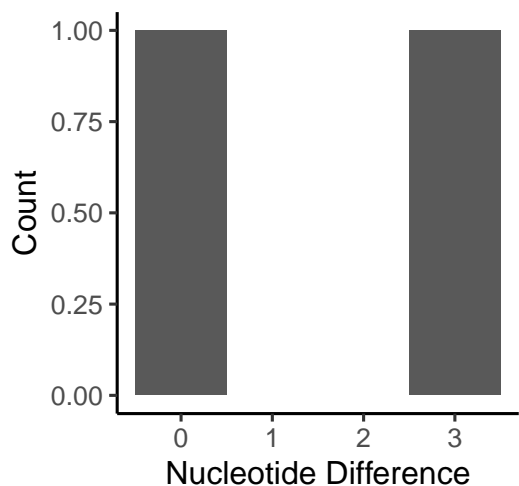
TRBV27*ap01

16084 sequences assigned
15937 (99.1%) exact matches, in which:
15519 unique CDR3
13 unique J



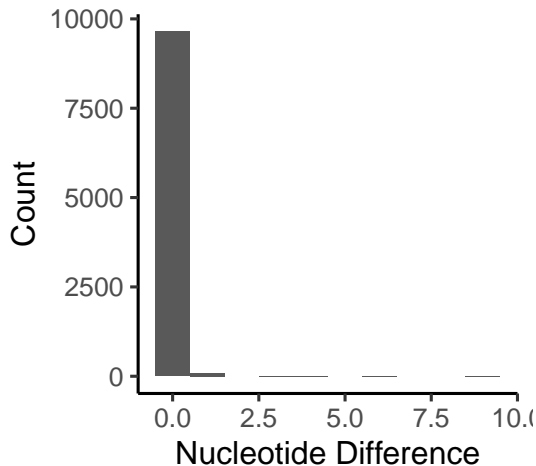
TRBV17*ap01

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



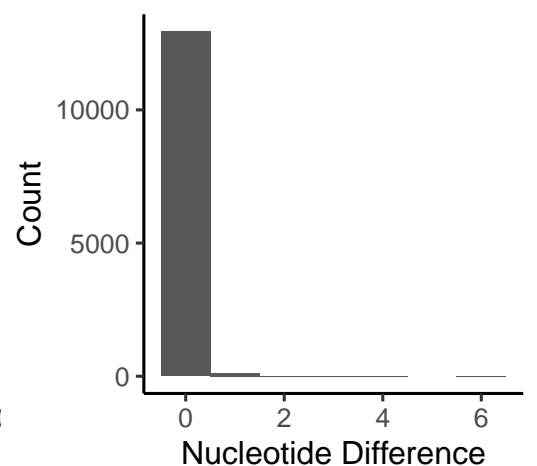
TRBV2*ap01

9748 sequences assigned
9648 (99%) exact matches, in which:
9331 unique CDR3
13 unique J



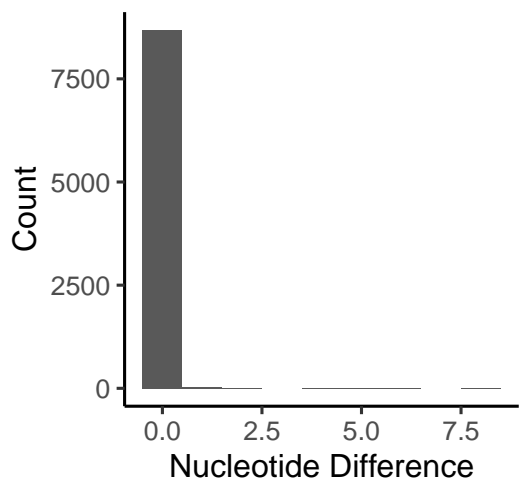
TRBV28*ap01

13066 sequences assigned
12944 (99.1%) exact matches, in which:
12612 unique CDR3
13 unique J



TRBV18*ap01

8723 sequences assigned
8683 (99.5%) exact matches, in which:
8555 unique CDR3
13 unique J



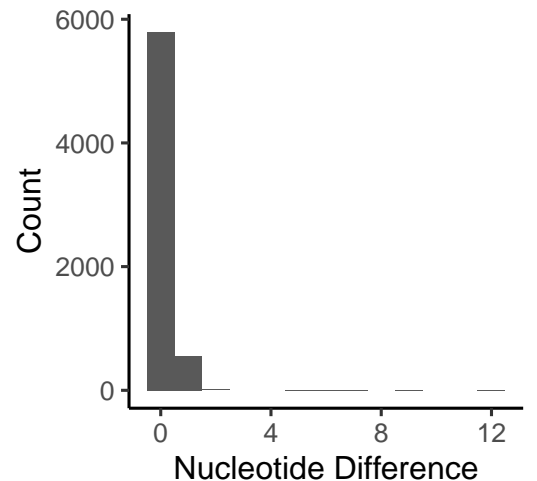
TRBV26*ap01

1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J



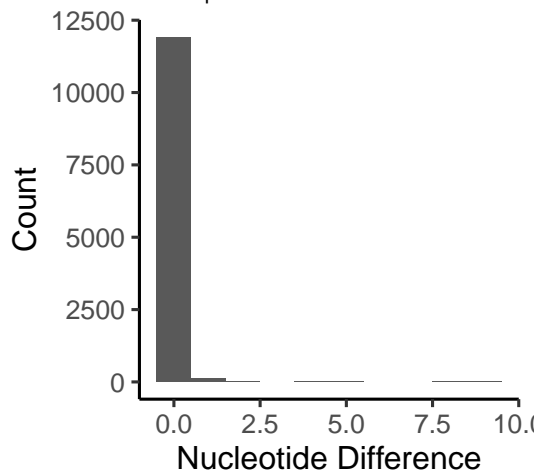
TRBV30*ap01

6373 sequences assigned
5793 (90.9%) exact matches, in which:
5506 unique CDR3
14 unique J



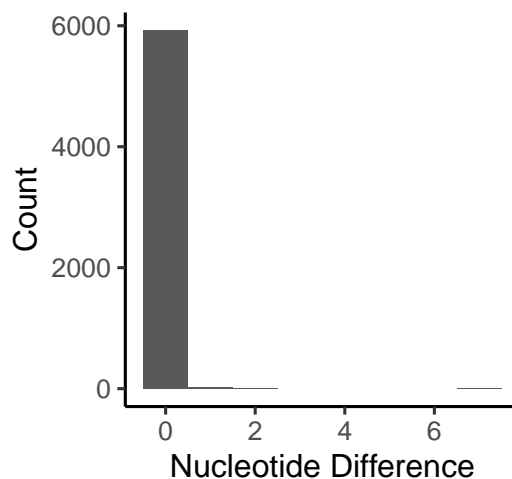
TRBV9*ap01

12032 sequences assigned
11914 (99%) exact matches, in which:
11699 unique CDR3
13 unique J



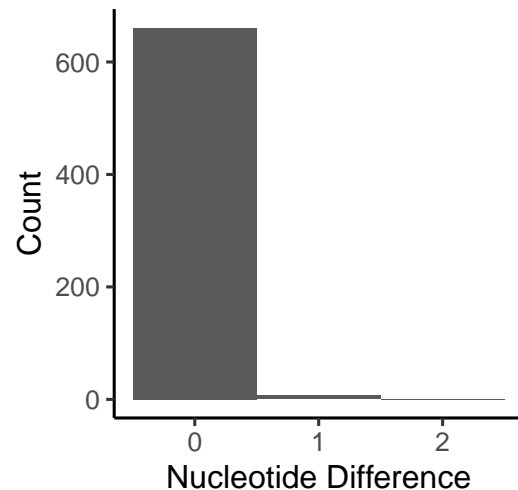
TRBV11-2*ap01

5943 sequences assigned
5923 (99.7%) exact matches, in which:
5864 unique CDR3
13 unique J



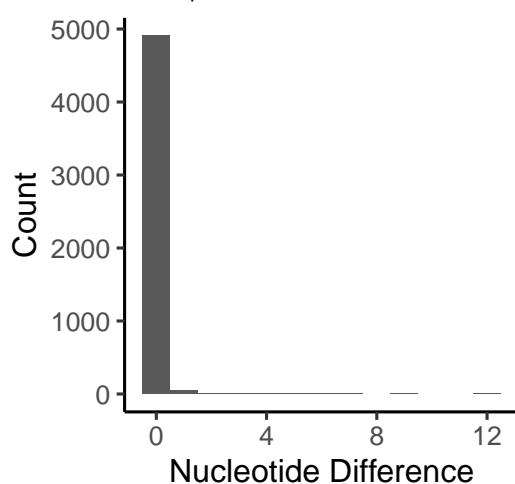
TRBV12-2*ap01

669 sequences assigned
661 (98.8%) exact matches, in which:
645 unique CDR3
13 unique J



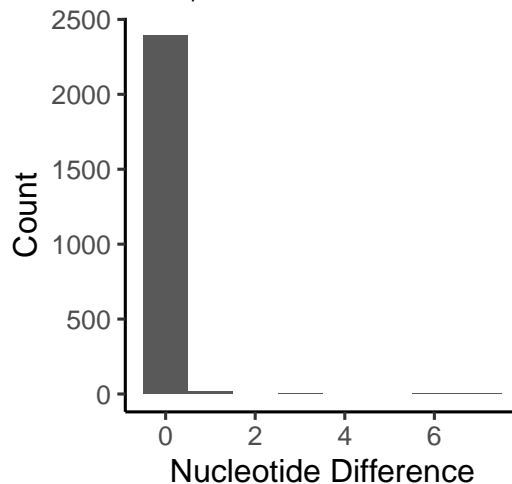
TRBV21-1*ap01

4970 sequences assigned
4908 (98.8%) exact matches, in which:
4844 unique CDR3
14 unique J



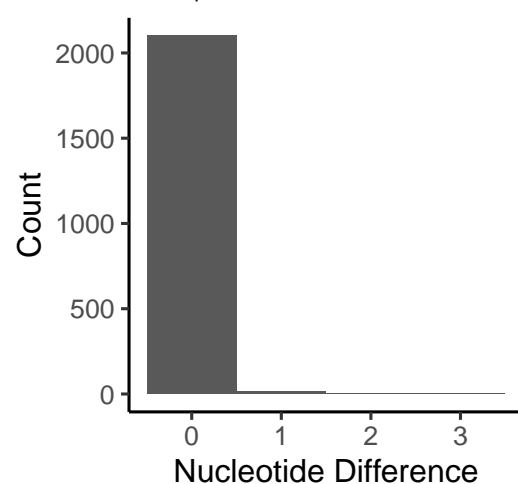
TRBV11-3*ap01

2408 sequences assigned
2391 (99.3%) exact matches, in which:
2370 unique CDR3
13 unique J



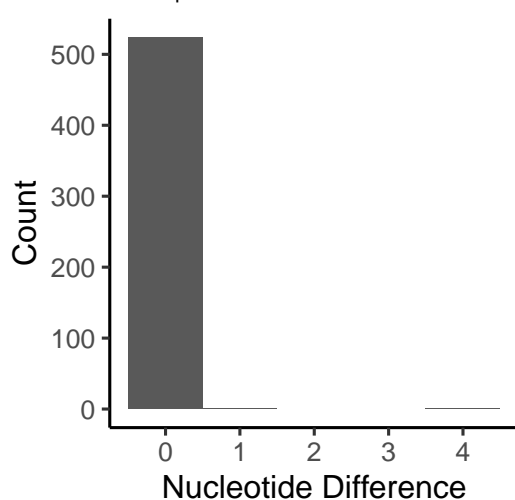
TRBV12-5*ap01

2118 sequences assigned
2101 (99.2%) exact matches, in which:
2049 unique CDR3
13 unique J



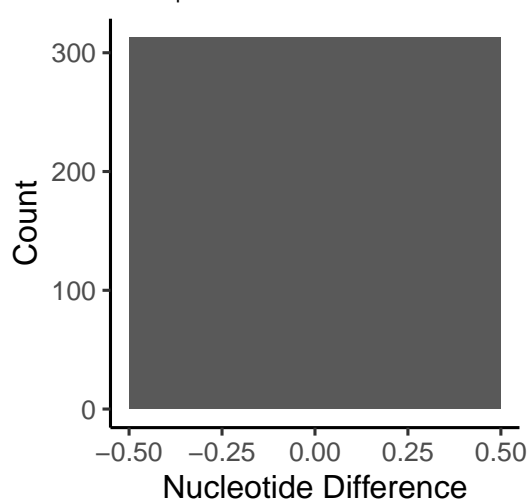
TRBV11-1*ap01

526 sequences assigned
524 (99.6%) exact matches, in which:
517 unique CDR3
13 unique J



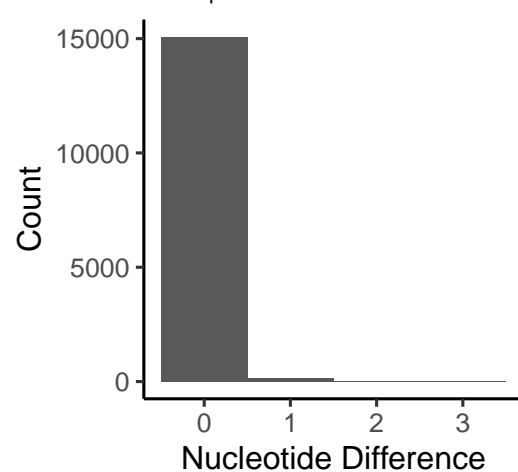
TRBV12-1*ap01

313 sequences assigned
313 (100%) exact matches, in which:
309 unique CDR3
13 unique J



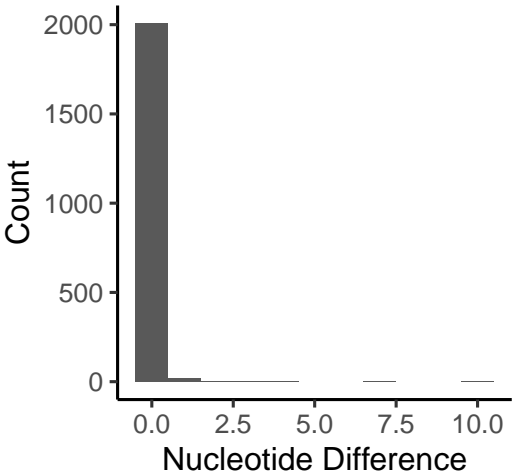
TRBV12-34*ap01

15240 sequences assigned
15079 (98.9%) exact matches, in which:
14631 unique CDR3
13 unique J



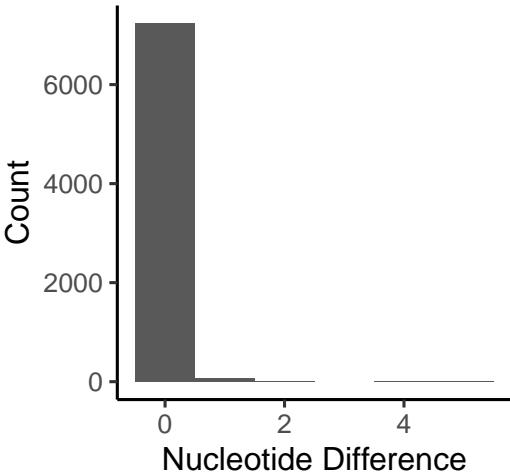
TRBV23-1*ap01

2036 sequences assigned
2007 (98.6%) exact matches, in which:
1958 unique CDR3
13 unique J



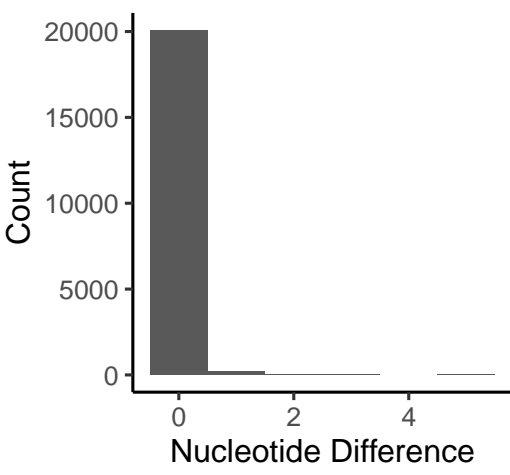
TRBV4-1*ap01

7313 sequences assigned
7236 (98.9%) exact matches, in which:
6898 unique CDR3
13 unique J



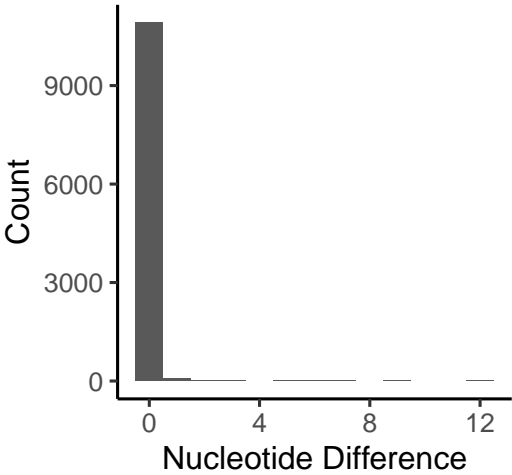
TRBV5-1*ap01

20281 sequences assigned
20081 (99%) exact matches, in which:
19371 unique CDR3
13 unique J



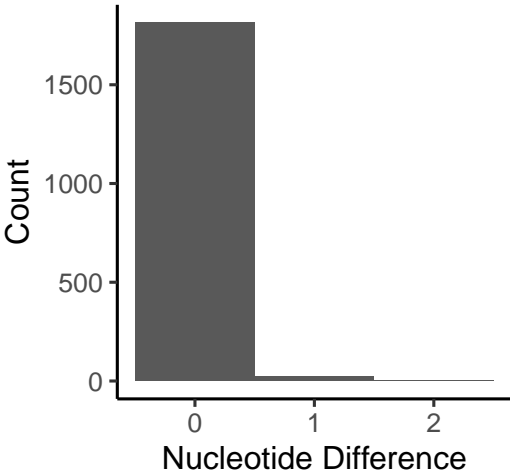
TRBV3-12*ap01

10993 sequences assigned
10915 (99.3%) exact matches, in which:
10723 unique CDR3
13 unique J



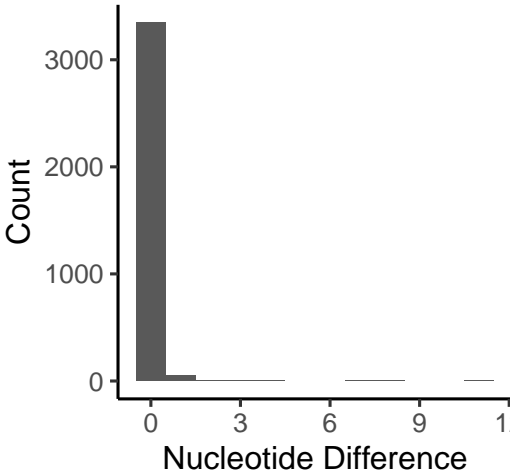
TRBV4-2*ap01

1838 sequences assigned
1814 (98.7%) exact matches, in which:
1729 unique CDR3
13 unique J



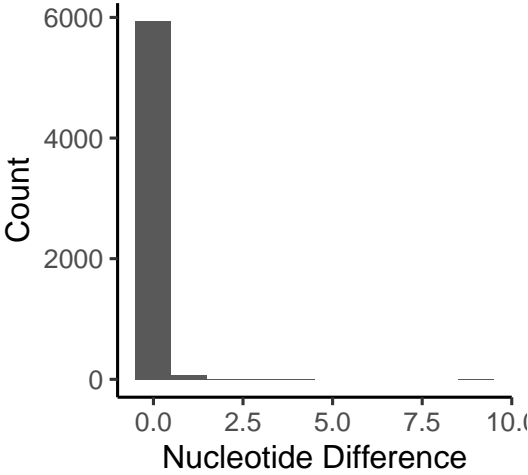
TRBV25-1*ap01

3410 sequences assigned
3346 (98.1%) exact matches, in which:
3197 unique CDR3
13 unique J



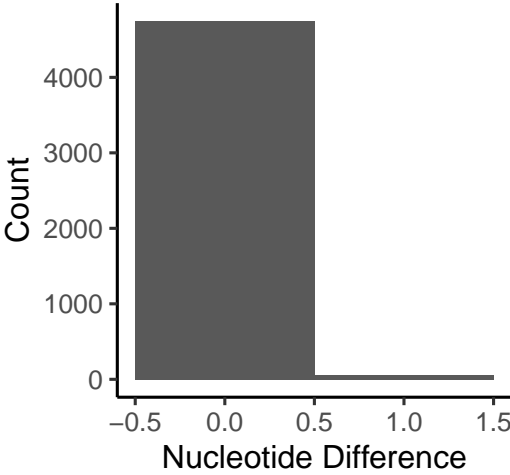
TRBV24-1*ap01

6028 sequences assigned
5940 (98.5%) exact matches, in which:
5748 unique CDR3
13 unique J



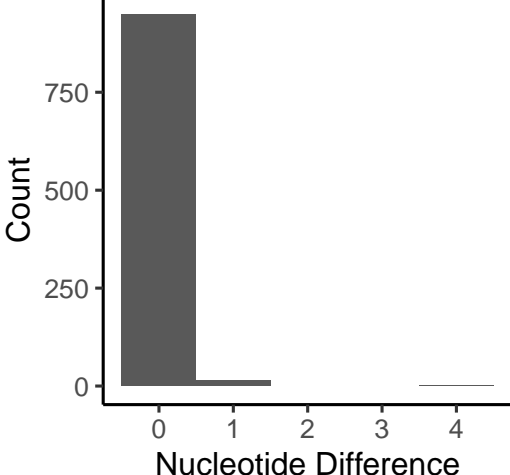
TRBV4-3*ap01

4800 sequences assigned
4746 (98.9%) exact matches, in which:
4597 unique CDR3
13 unique J



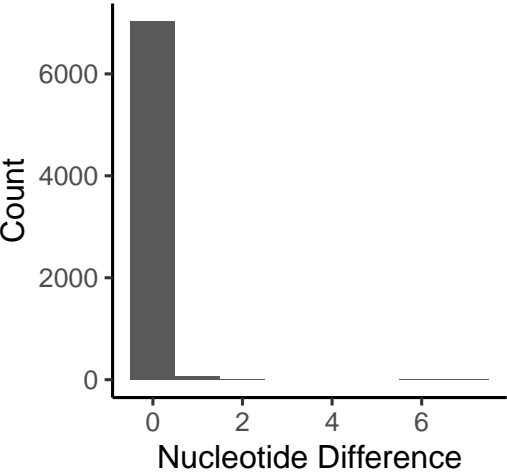
TRBV5-3*ap01

964 sequences assigned
949 (98.4%) exact matches, in which:
928 unique CDR3
13 unique J



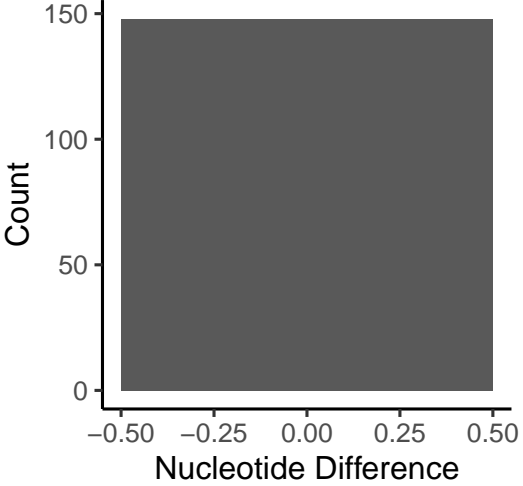
TRBV5-4*ap01

7108 sequences assigned
7030 (98.9%) exact matches, in which:
6807 unique CDR3
13 unique J



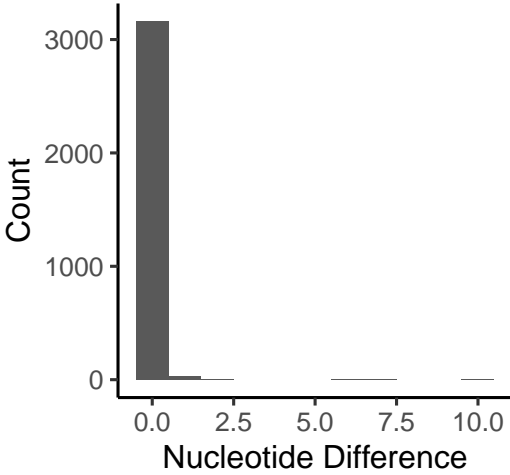
TRBV5-7*ap01

148 sequences assigned
148 (100%) exact matches, in which:
141 unique CDR3
13 unique J



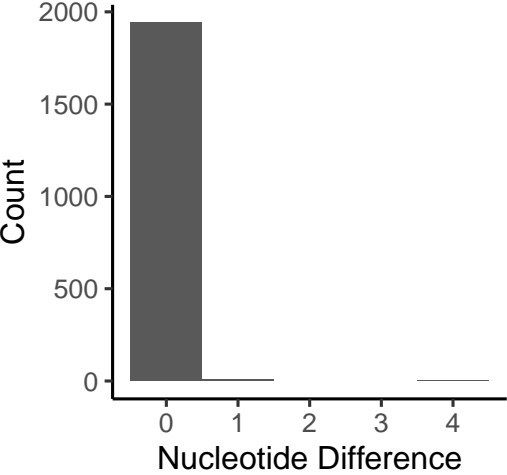
TRBV6-4*ap01

3200 sequences assigned
3160 (98.8%) exact matches, in which:
3077 unique CDR3
13 unique J



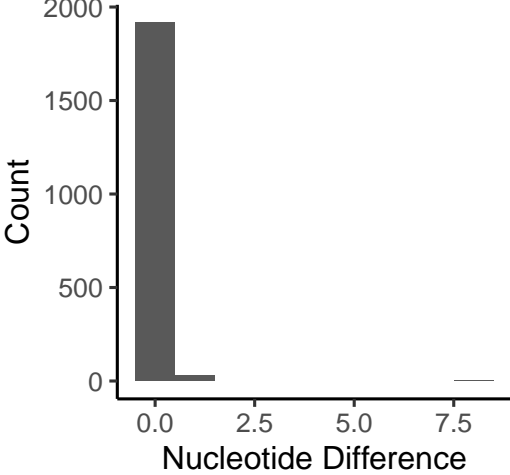
TRBV5-5*ap01

1950 sequences assigned
1941 (99.5%) exact matches, in which:
1925 unique CDR3
13 unique J



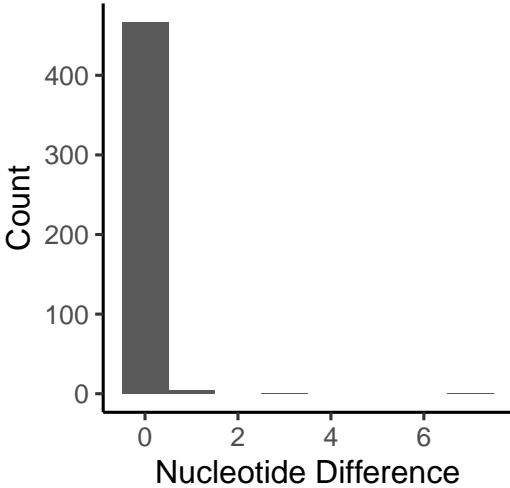
TRBV5-8*ap01

1950 sequences assigned
1916 (98.3%) exact matches, in which:
1872 unique CDR3
13 unique J



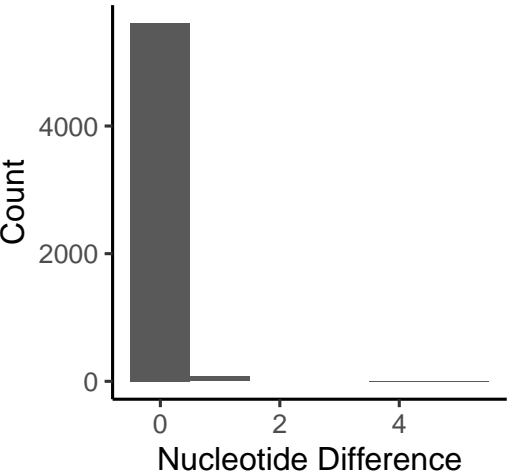
TRBV6-7*ap01

473 sequences assigned
467 (98.7%) exact matches, in which:
445 unique CDR3
13 unique J



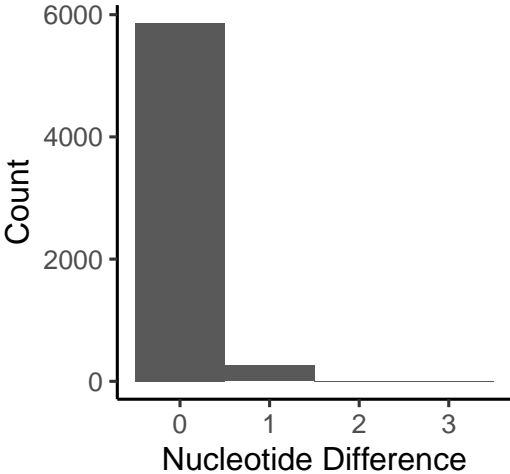
TRBV5-6*ap01

5692 sequences assigned
5613 (98.6%) exact matches, in which:
5337 unique CDR3
13 unique J



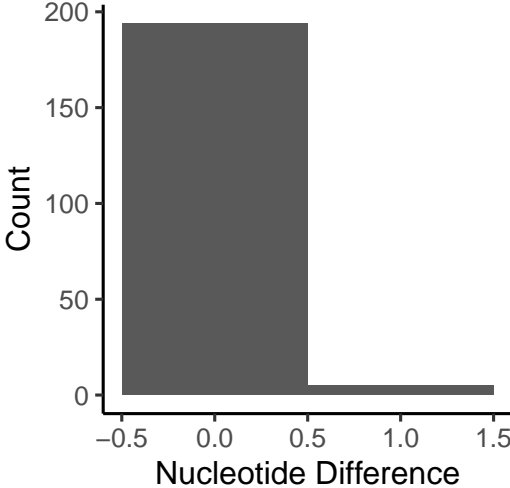
TRBV6-1*ap01

6131 sequences assigned
5863 (95.6%) exact matches, in which:
5635 unique CDR3
13 unique J



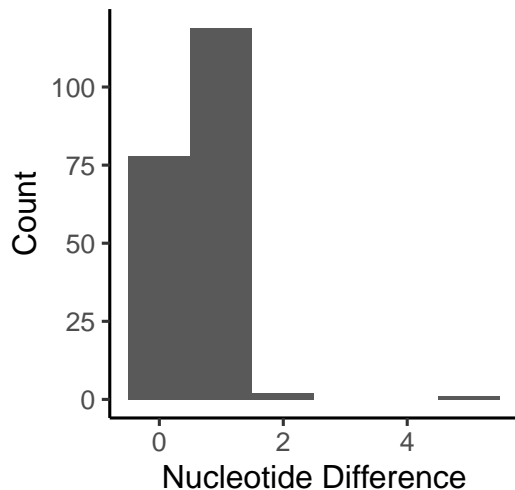
TRBV6-8*ap01

199 sequences assigned
194 (97.5%) exact matches, in which:
180 unique CDR3
13 unique J



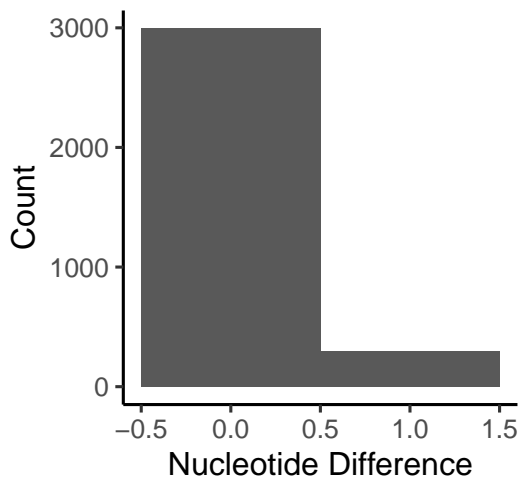
TRBV6-9*ap01

200 sequences assigned
78 (39%) exact matches, in which:
75 unique CDR3
12 unique J



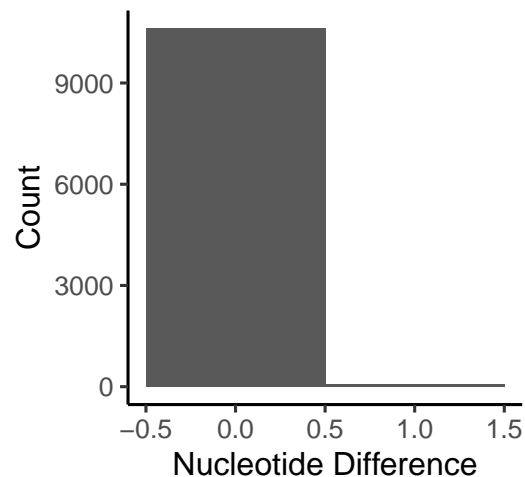
TRBV6-56*ap02

3292 sequences assigned
2995 (91%) exact matches, in which:
2860 unique CDR3
13 unique J



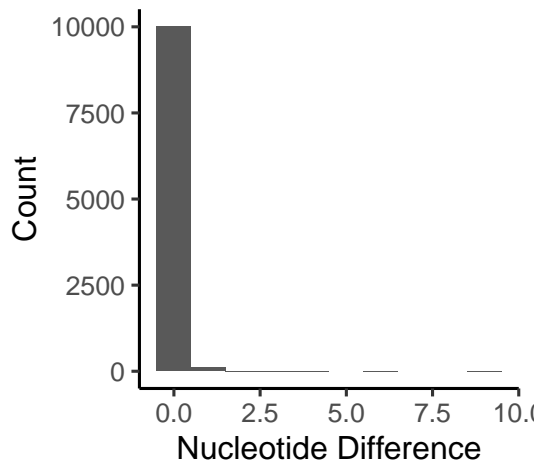
TRBV7-2*ap01

10679 sequences assigned
10618 (99.4%) exact matches, in which:
10384 unique CDR3
13 unique J



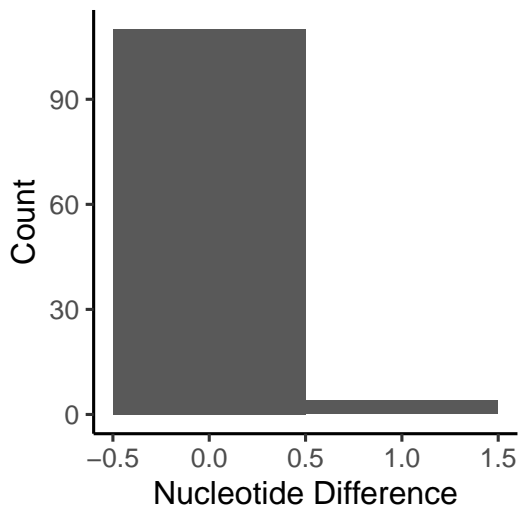
TRBV6-23*ap01

10123 sequences assigned
10010 (98.9%) exact matches, in which:
9513 unique CDR3
13 unique J



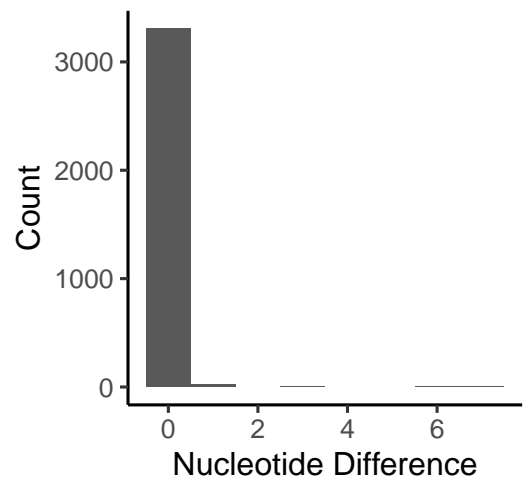
TRBV7-1*ap01_G291C_T

114 sequences assigned
110 (96.5%) exact matches, in which:
108 unique CDR3
12 unique J



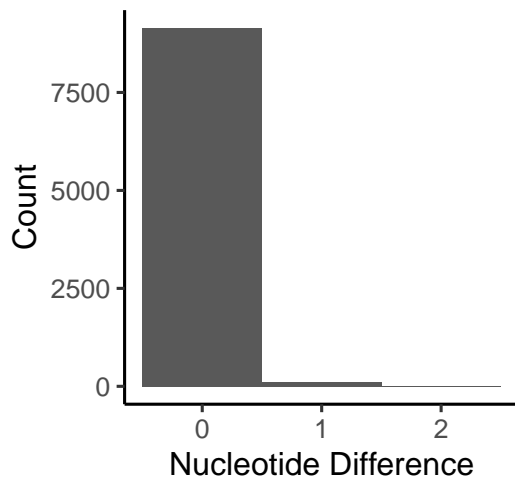
TRBV7-3*ap01

3330 sequences assigned
3306 (99.3%) exact matches, in which:
3249 unique CDR3
13 unique J



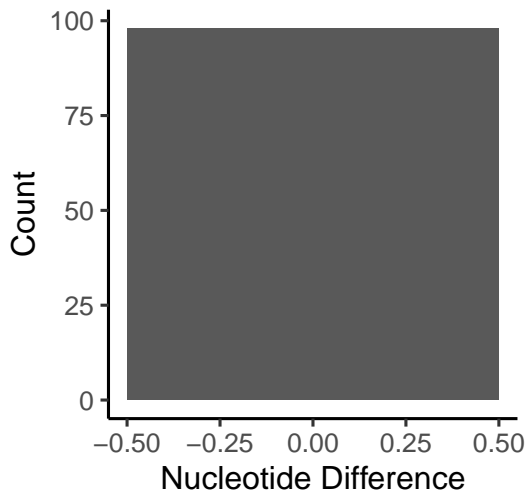
TRBV6-56*ap01

9256 sequences assigned
9144 (98.8%) exact matches, in which:
8737 unique CDR3
13 unique J



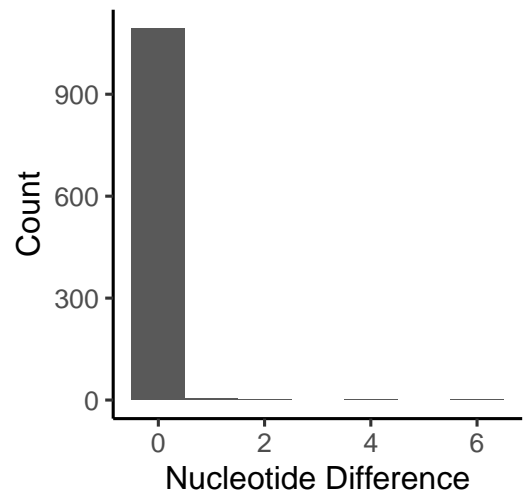
TRBV7-1*ap01_G291C_

98 sequences assigned
98 (100%) exact matches, in which:
97 unique CDR3
12 unique J



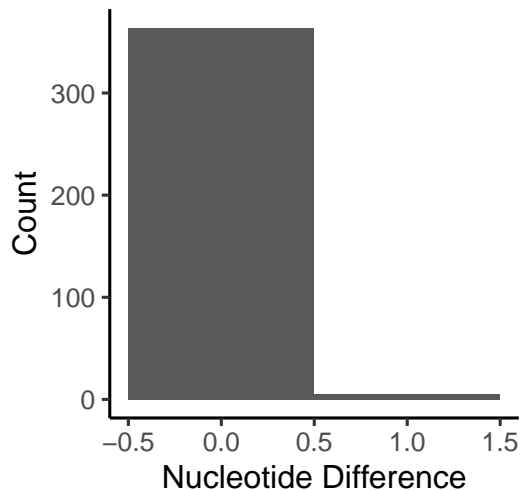
TRBV7-3*ap02

1102 sequences assigned
1094 (99.3%) exact matches, in which:
1077 unique CDR3
13 unique J



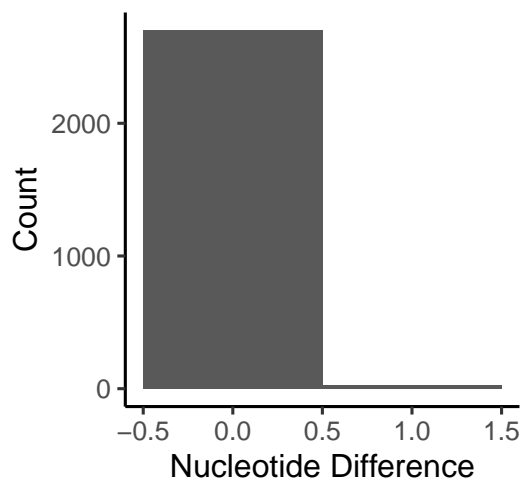
TRBV7-4*ap01

369 sequences assigned
364 (98.6%) exact matches, in which:
353 unique CDR3
13 unique J



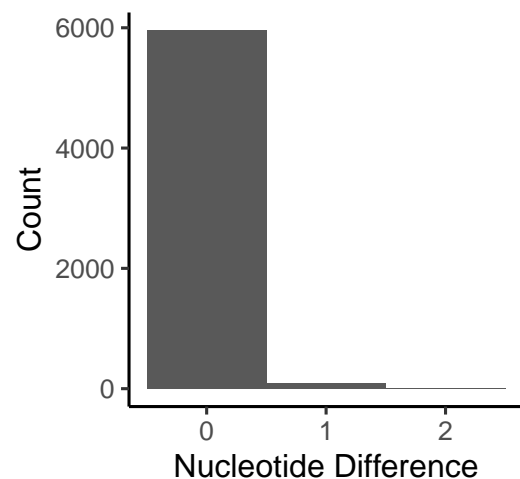
TRBV7-8*ap01

2727 sequences assigned
2700 (99%) exact matches, in which:
2618 unique CDR3
13 unique J



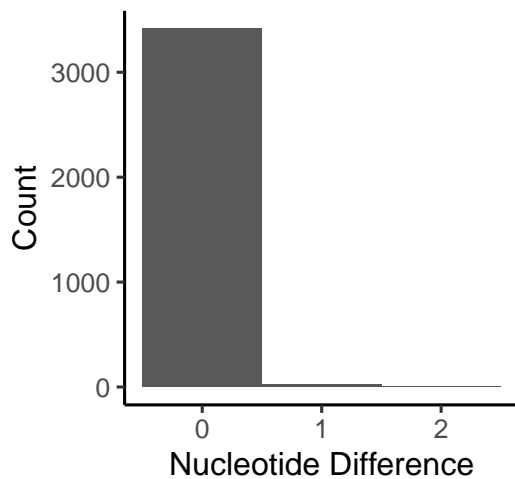
TRBV29-1*ap01

6045 sequences assigned
5956 (98.5%) exact matches, in which:
5590 unique CDR3
13 unique J



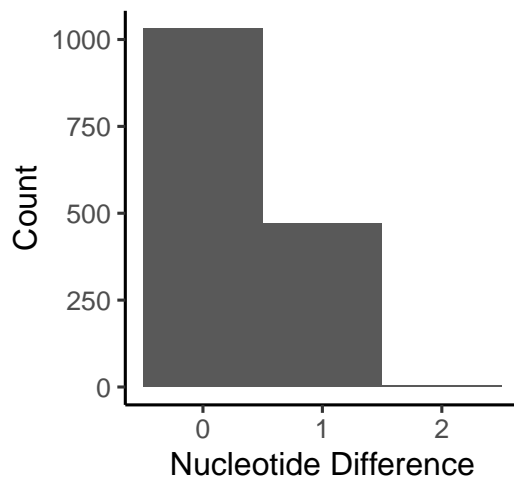
TRBV7-6*ap01

3443 sequences assigned
3415 (99.2%) exact matches, in which:
3310 unique CDR3
13 unique J



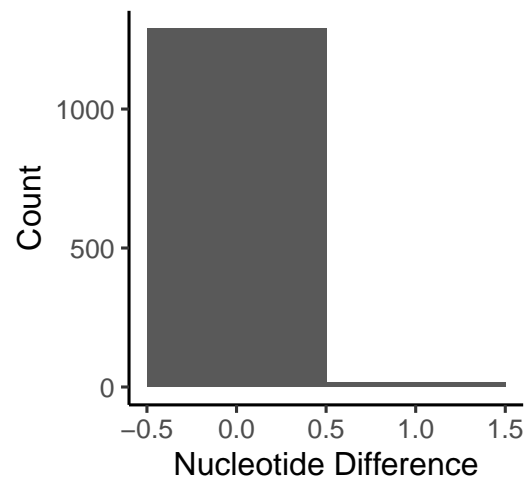
TRBV7-8*ap03

1507 sequences assigned
1031 (68.4%) exact matches, in which:
1006 unique CDR3
13 unique J



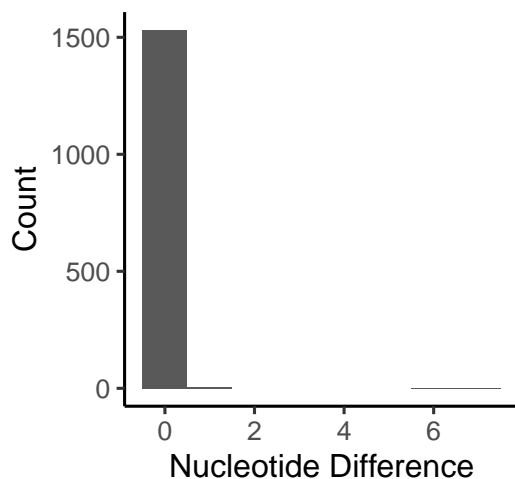
TRBV29-1*ap02

1306 sequences assigned
1289 (98.7%) exact matches, in which:
1214 unique CDR3
13 unique J



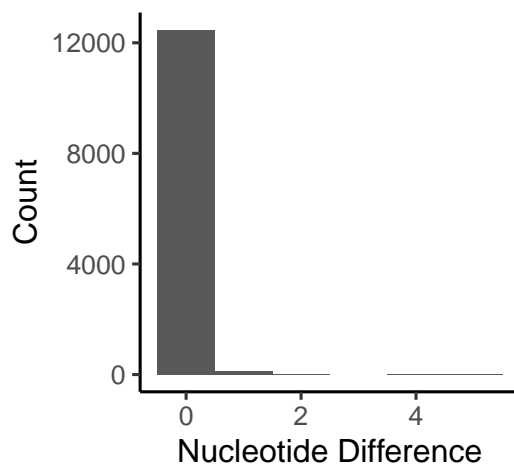
TRBV7-7*ap01

1539 sequences assigned
1531 (99.5%) exact matches, in which:
1484 unique CDR3
13 unique J

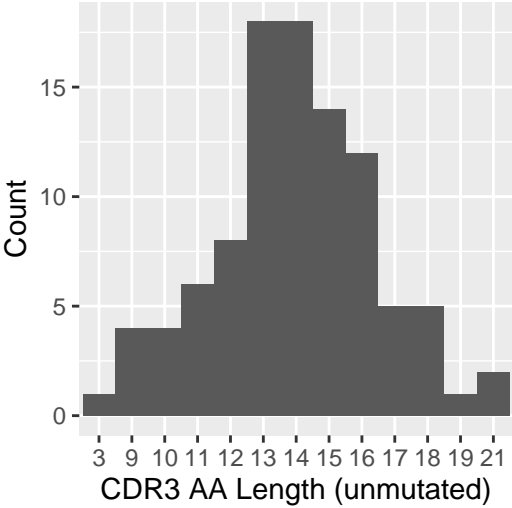


TRBV7-9*ap01

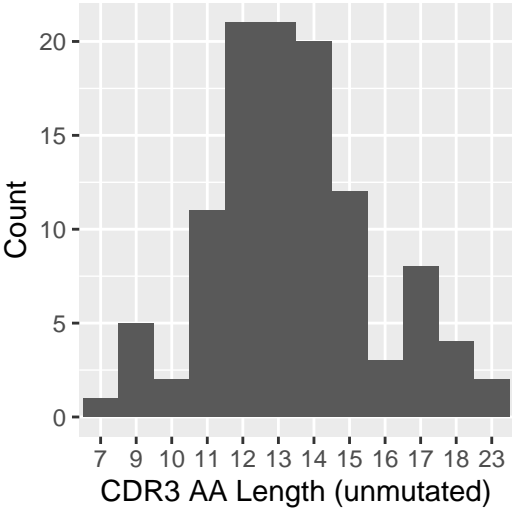
12590 sequences assigned
12470 (99%) exact matches, in which:
12154 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C





Warning – no inferred sequences found.

Warning – no inferred sequences found.