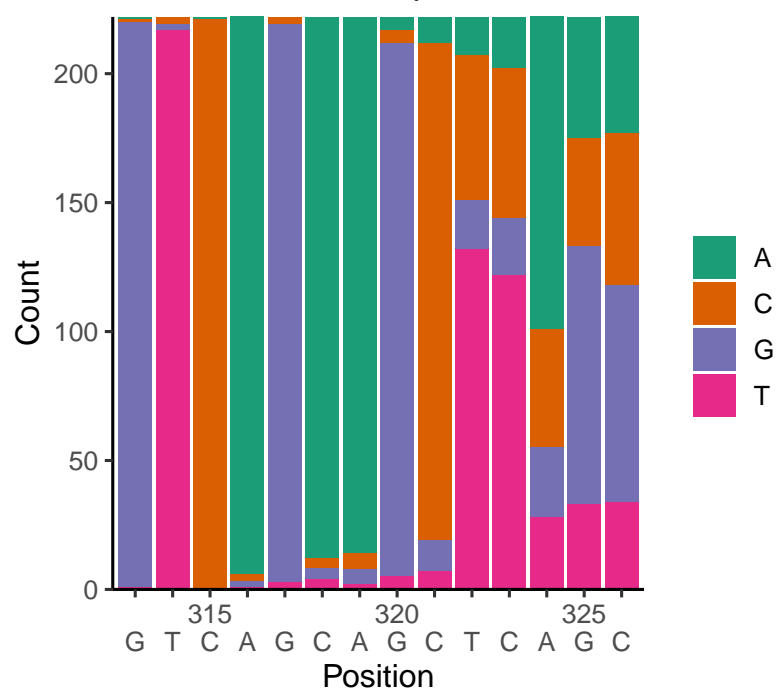
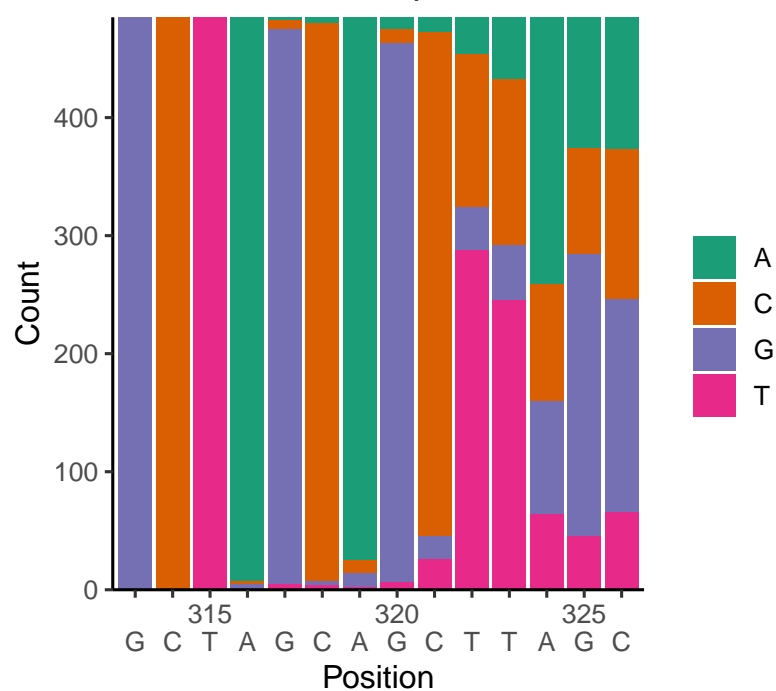


Gene TRBV7-1*ap01_G291C_T296C_C314T



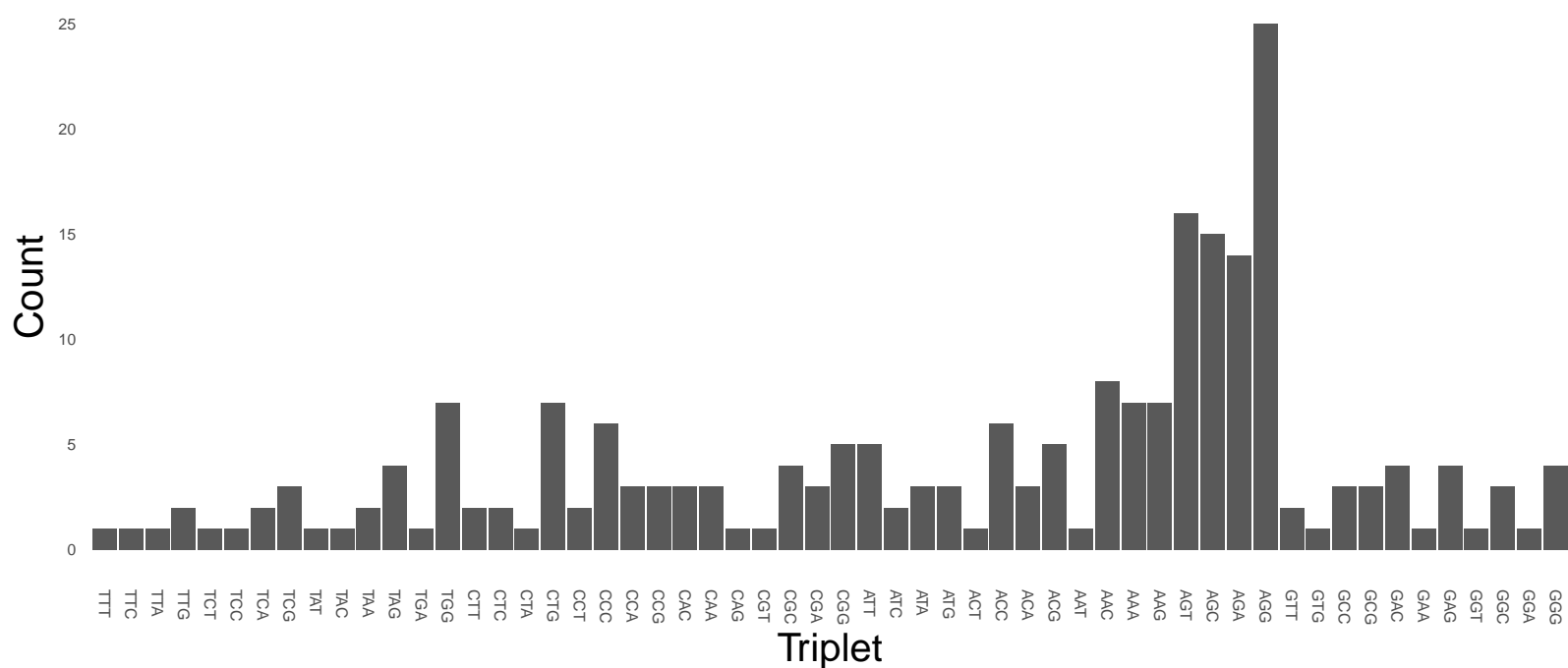
Gene TRBV7-7*ap01_C315T



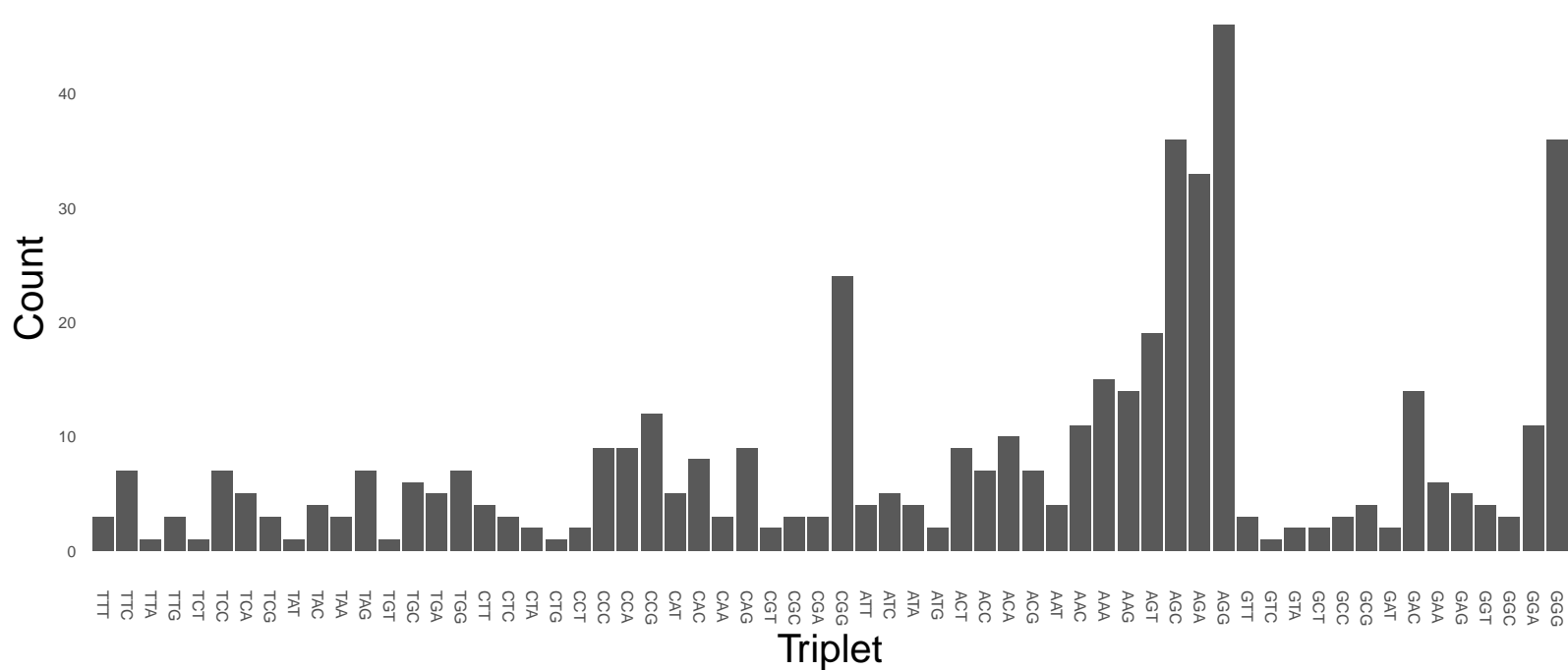
Gene TRBV7-1*ap01_G291C_T296C_C314T



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

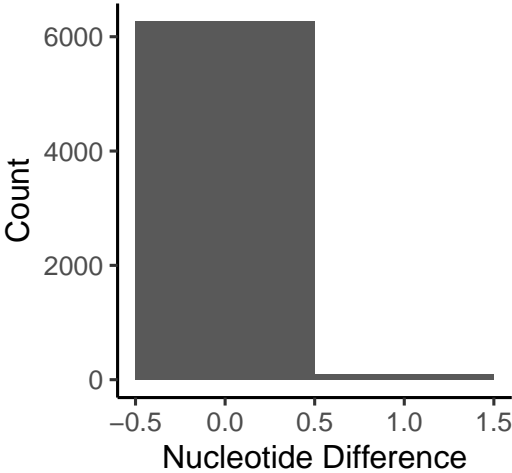


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



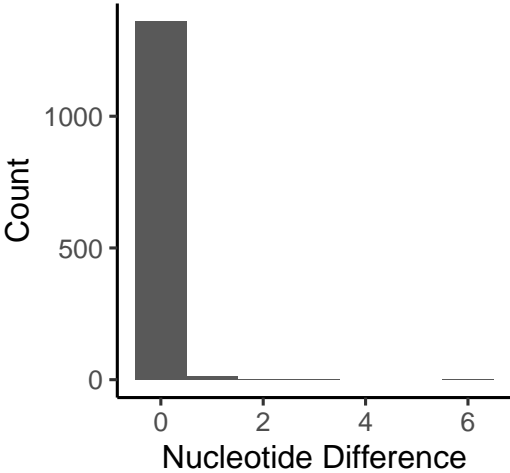
TRBV20-1*ap01

6359 sequences assigned
6268 (98.6%) exact matches, in which:
6174 unique CDR3
14 unique J



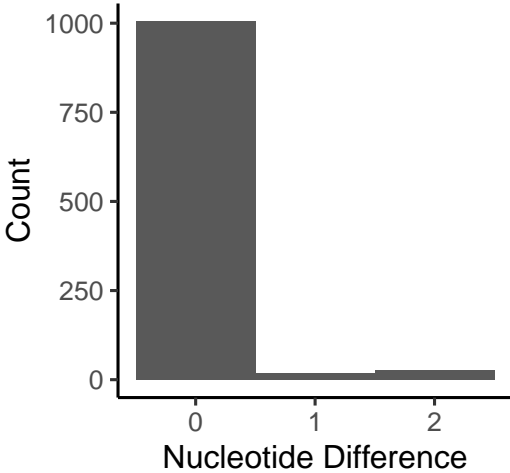
TRBV10-2*ap01

1376 sequences assigned
1360 (98.8%) exact matches, in which:
1330 unique CDR3
14 unique J



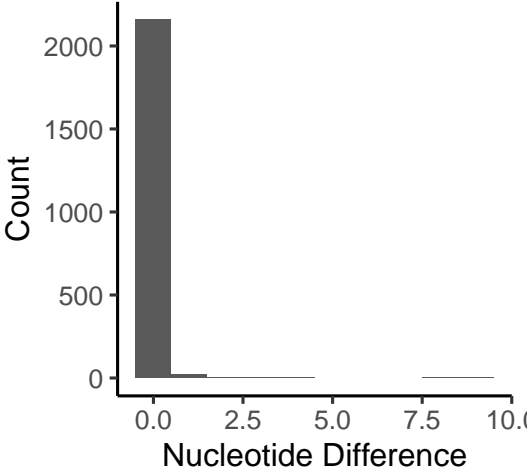
TRBV13*ap01

1049 sequences assigned
1005 (95.8%) exact matches, in which:
986 unique CDR3
14 unique J



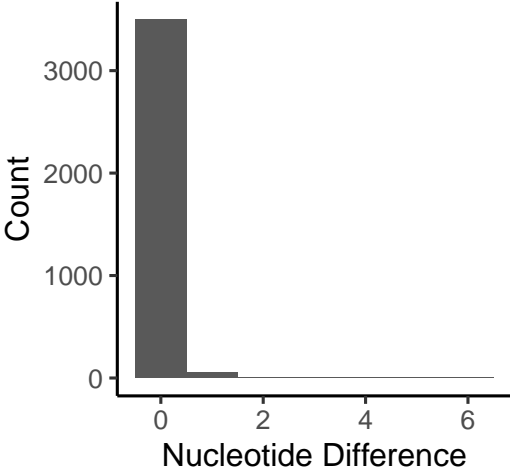
TRBV10-1*ap01

2186 sequences assigned
2158 (98.7%) exact matches, in which:
2100 unique CDR3
14 unique J



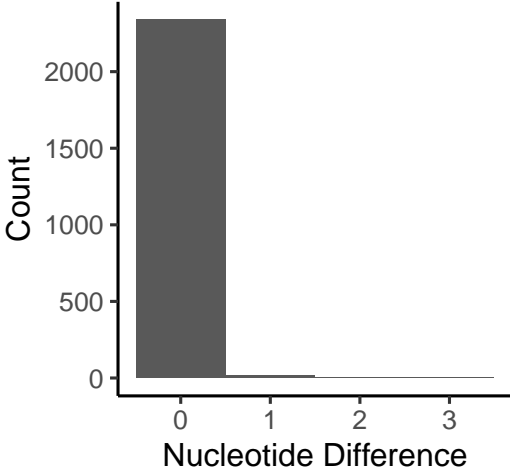
TRBV10-3*ap01

3561 sequences assigned
3497 (98.2%) exact matches, in which:
3435 unique CDR3
14 unique J



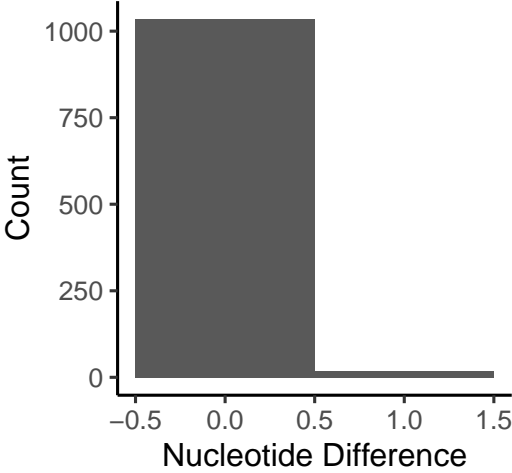
TRBV14*ap01

2357 sequences assigned
2339 (99.2%) exact matches, in which:
2292 unique CDR3
14 unique J



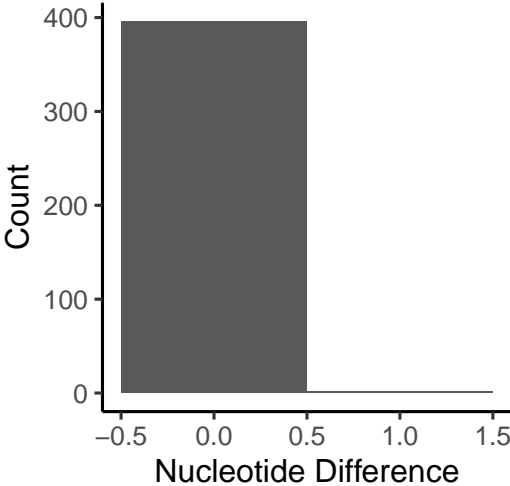
TRBV20-1*ap02

1053 sequences assigned
1035 (98.3%) exact matches, in which:
1015 unique CDR3
14 unique J



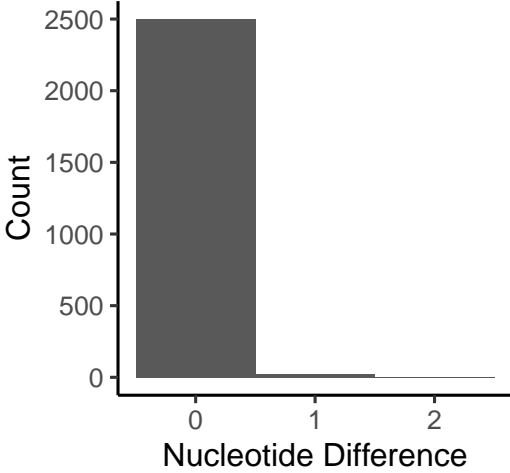
TRBV1*ap01

398 sequences assigned
396 (99.5%) exact matches, in which:
392 unique CDR3
14 unique J



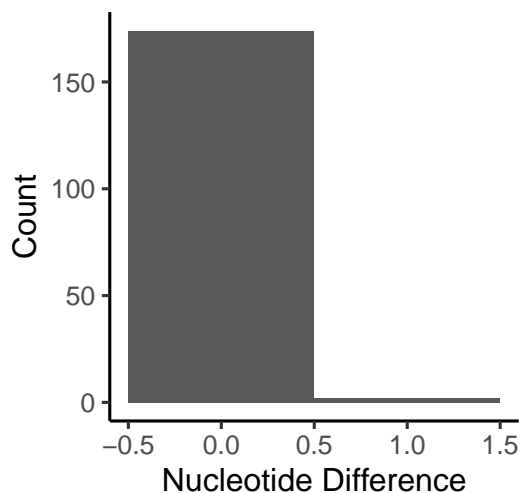
TRBV15*ap02

2526 sequences assigned
2500 (99%) exact matches, in which:
2463 unique CDR3
14 unique J



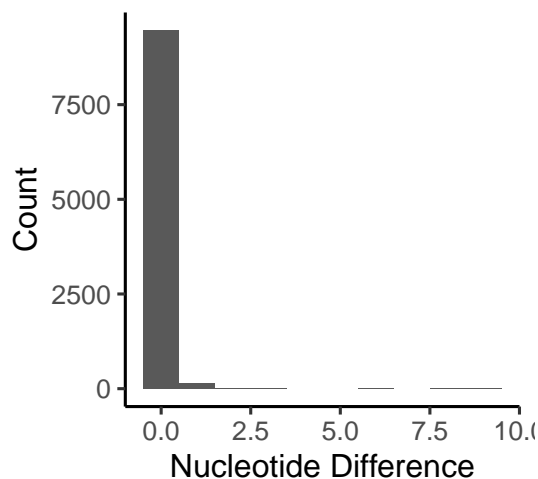
TRBV16*ap01

176 sequences assigned
174 (98.9%) exact matches, in which:
171 unique CDR3
14 unique J



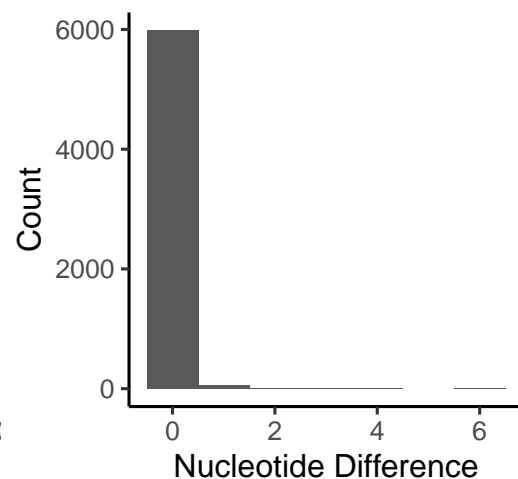
TRBV19*ap01

9608 sequences assigned
9460 (98.5%) exact matches, in which:
9332 unique CDR3
14 unique J



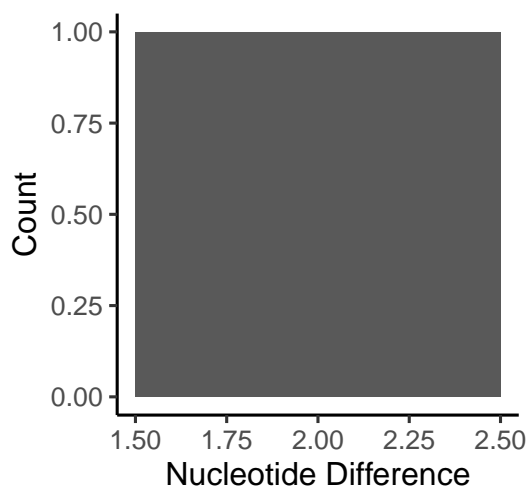
TRBV27*ap01

6055 sequences assigned
5984 (98.8%) exact matches, in which:
5861 unique CDR3
14 unique J



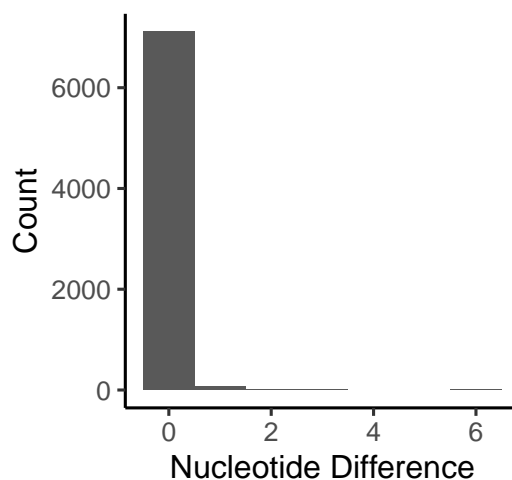
TRBV17*ap01

1 sequences assigned
No exact matches.



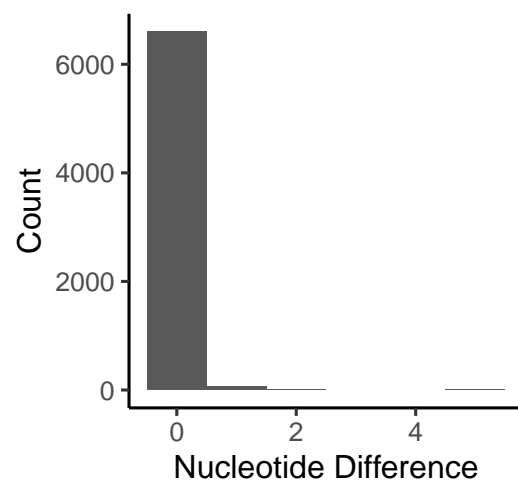
TRBV2*ap01

7191 sequences assigned
7111 (98.9%) exact matches, in which:
7010 unique CDR3
14 unique J



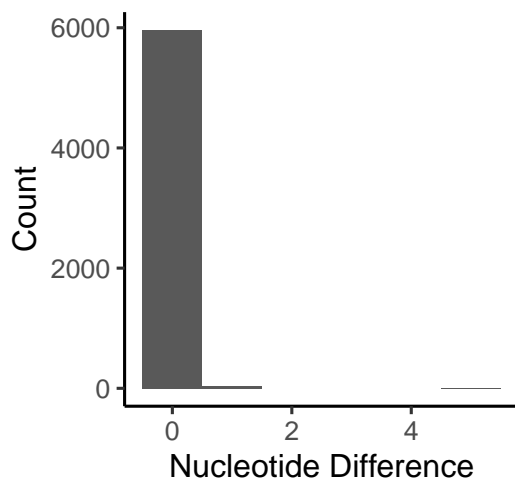
TRBV28*ap01

6672 sequences assigned
6600 (98.9%) exact matches, in which:
6484 unique CDR3
14 unique J



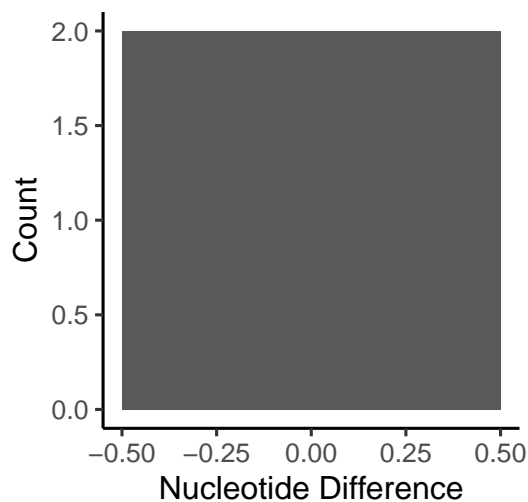
TRBV18*ap01

6005 sequences assigned
5962 (99.3%) exact matches, in which:
5845 unique CDR3
14 unique J



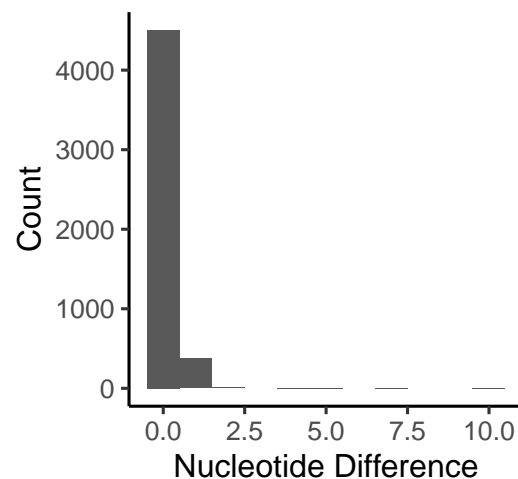
TRBV26*ap01

2 sequences assigned
2 (100%) exact matches, in which:
1 unique CDR3
1 unique J



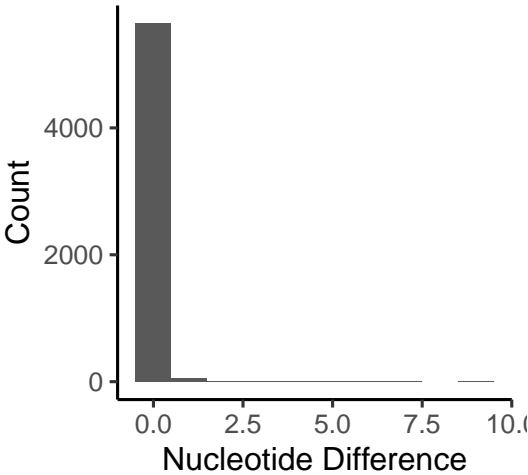
TRBV30*ap01

4893 sequences assigned
4504 (92%) exact matches, in which:
4443 unique CDR3
14 unique J



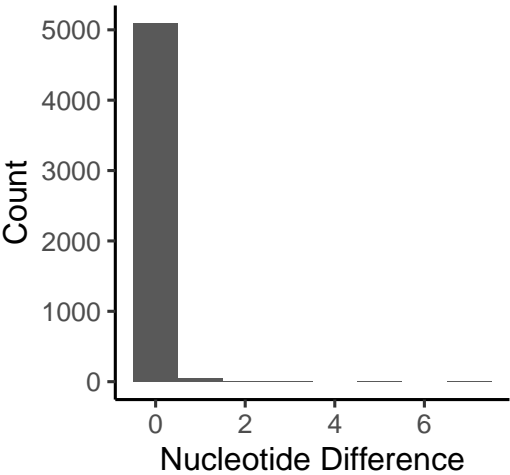
TRBV9*ap01

5722 sequences assigned
5647 (98.7%) exact matches, in which:
5545 unique CDR3
14 unique J



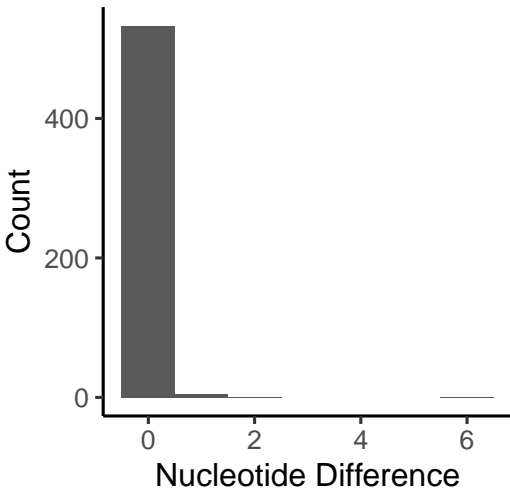
TRBV11-2*ap01

5147 sequences assigned
5091 (98.9%) exact matches, in which:
4995 unique CDR3
14 unique J



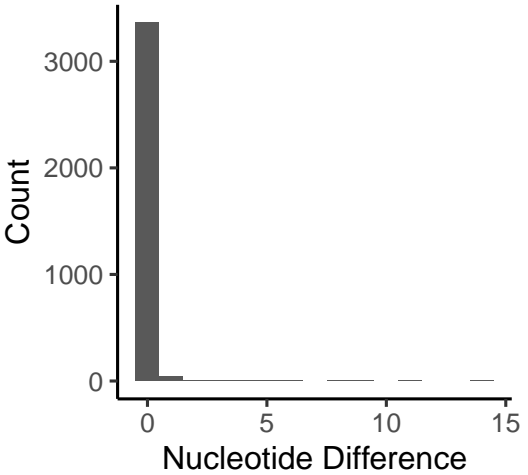
TRBV12-2*ap01

540 sequences assigned
533 (98.7%) exact matches, in which:
516 unique CDR3
14 unique J



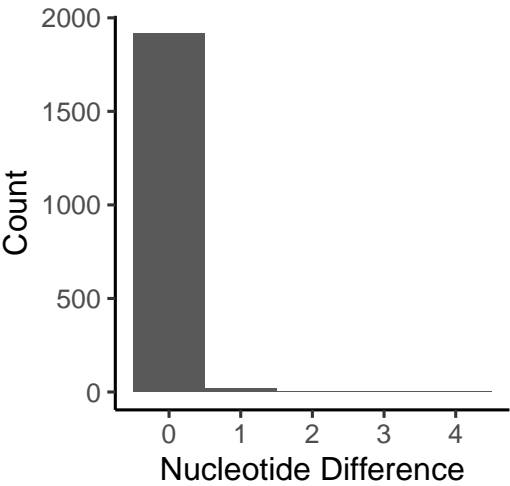
TRBV21-1*ap01

3425 sequences assigned
3362 (98.2%) exact matches, in which:
3292 unique CDR3
14 unique J



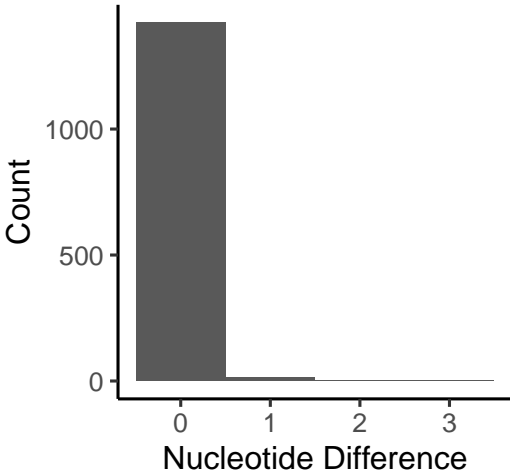
TRBV11-3*ap01

1935 sequences assigned
1915 (99%) exact matches, in which:
1885 unique CDR3
14 unique J



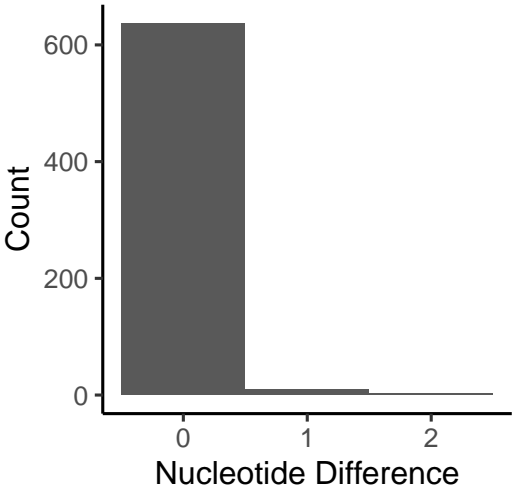
TRBV12-5*ap01

1441 sequences assigned
1422 (98.7%) exact matches, in which:
1389 unique CDR3
14 unique J



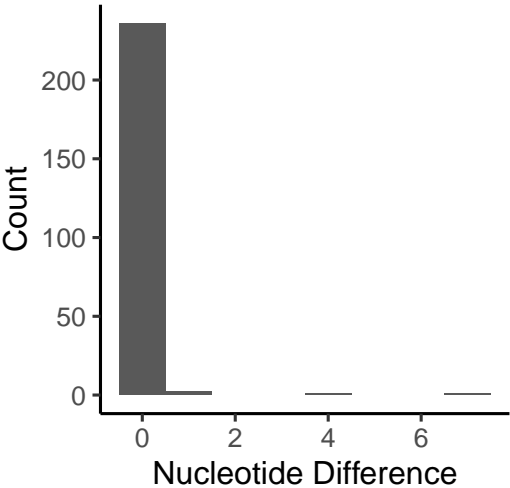
TRBV11-1*ap01

649 sequences assigned
637 (98.2%) exact matches, in which:
616 unique CDR3
14 unique J



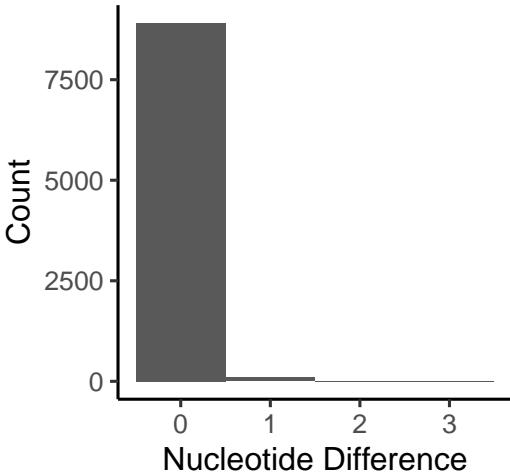
TRBV12-1*ap01

240 sequences assigned
236 (98.3%) exact matches, in which:
226 unique CDR3
14 unique J



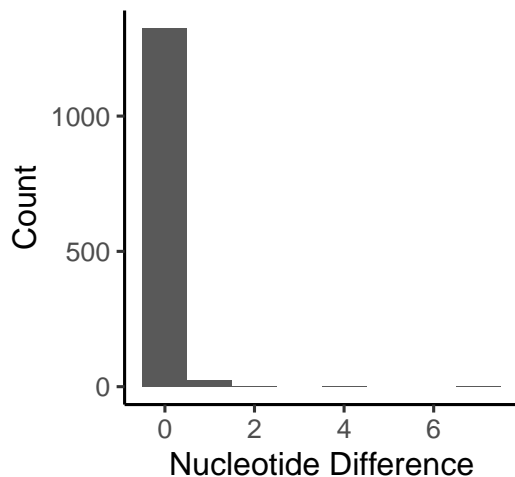
TRBV12-34*ap01

9007 sequences assigned
8908 (98.9%) exact matches, in which:
8770 unique CDR3
14 unique J



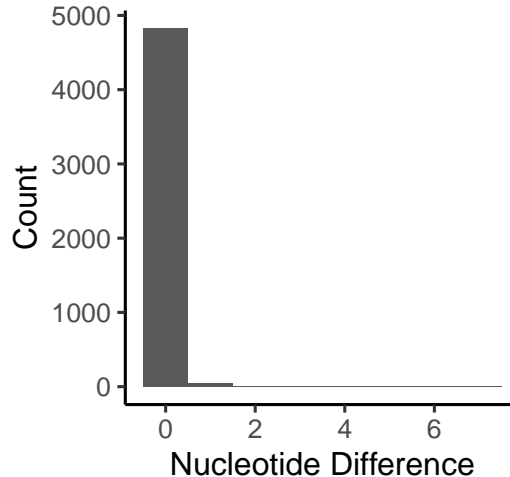
TRBV23-1*ap01

1351 sequences assigned
1324 (98%) exact matches, in which:
1280 unique CDR3
14 unique J



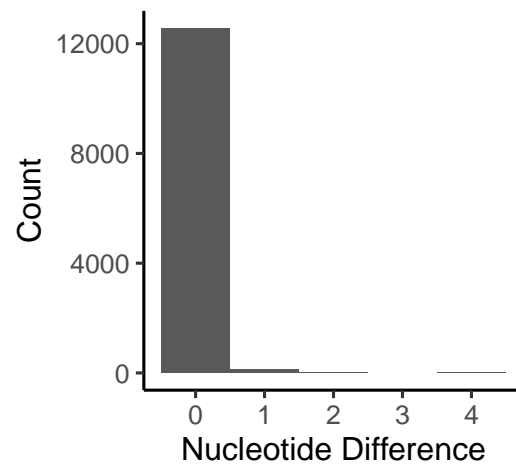
TRBV24-1*ap01

4882 sequences assigned
4825 (98.8%) exact matches, in which:
4762 unique CDR3
14 unique J



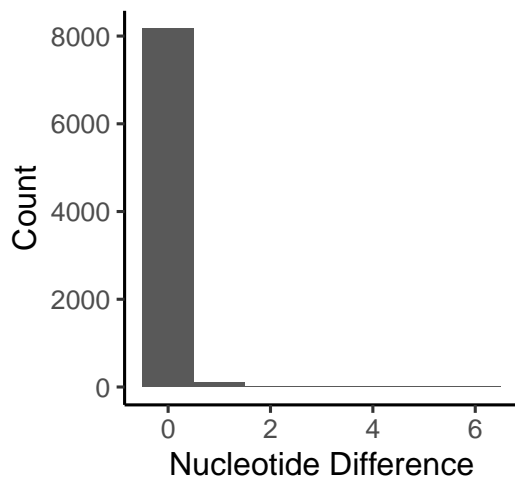
TRBV5-1*ap01

12699 sequences assigned
12566 (99%) exact matches, in which:
12314 unique CDR3
14 unique J



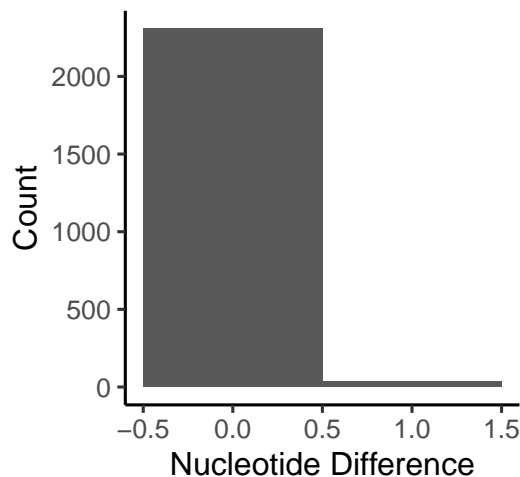
TRBV3-12*ap01

8271 sequences assigned
8167 (98.7%) exact matches, in which:
8059 unique CDR3
14 unique J



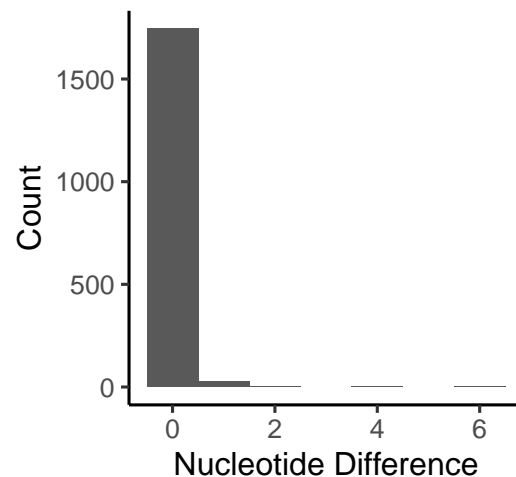
TRBV4-2*ap01

2340 sequences assigned
2307 (98.6%) exact matches, in which:
2274 unique CDR3
14 unique J



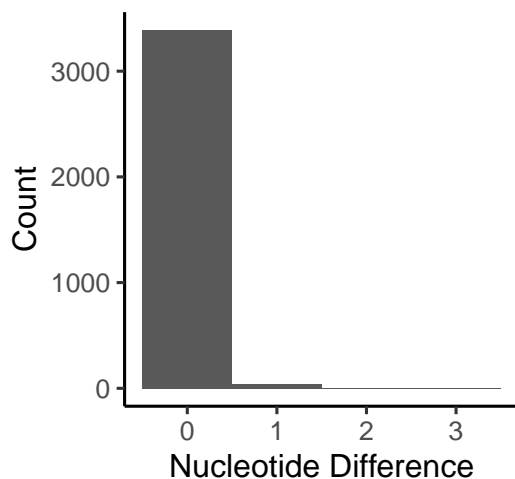
TRBV25-1*ap01

1777 sequences assigned
1745 (98.2%) exact matches, in which:
1719 unique CDR3
14 unique J



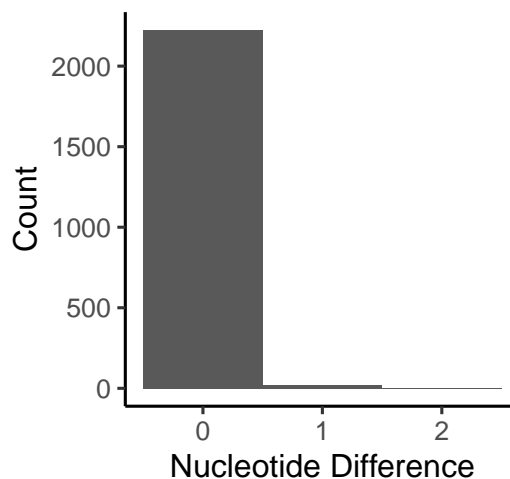
TRBV4-1*ap01

3431 sequences assigned
3389 (98.8%) exact matches, in which:
3324 unique CDR3
14 unique J



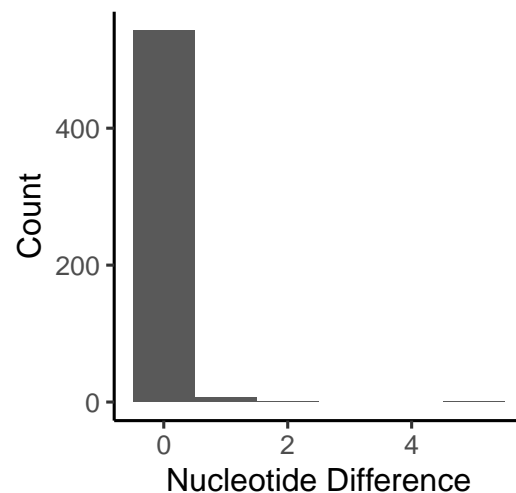
TRBV4-3*ap01

2249 sequences assigned
2224 (98.9%) exact matches, in which:
2205 unique CDR3
14 unique J



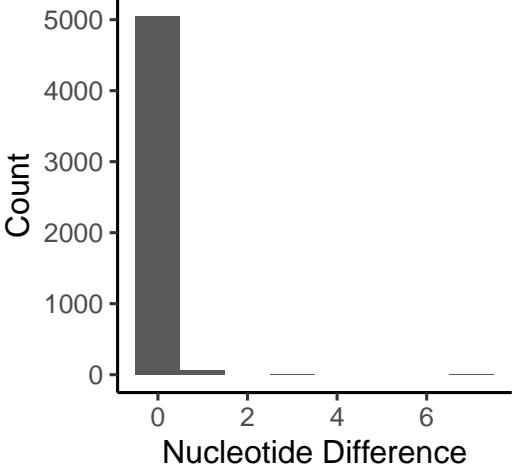
TRBV5-3*ap01

551 sequences assigned
543 (98.5%) exact matches, in which:
528 unique CDR3
14 unique J



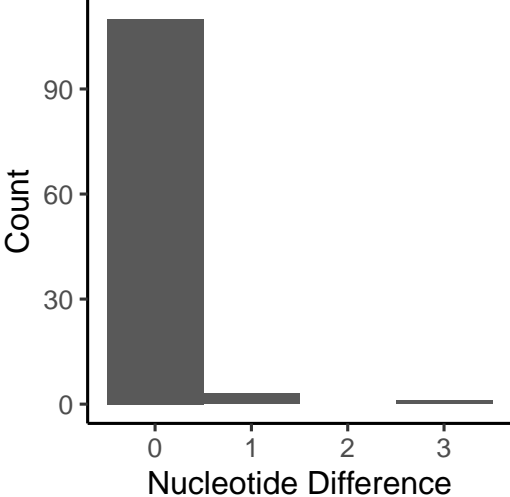
TRBV5-4*ap01

5119 sequences assigned
5046 (98.6%) exact matches, in which:
4952 unique CDR3
14 unique J



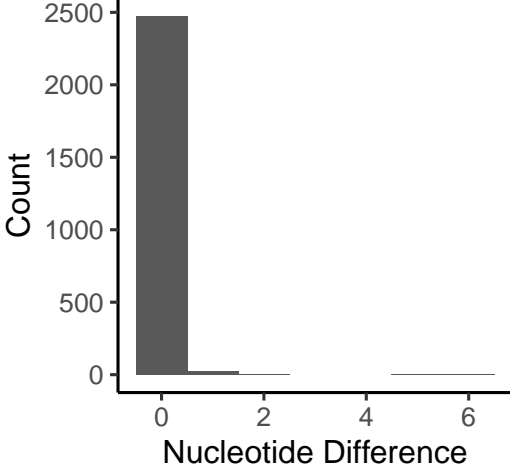
TRBV5-7*ap01

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



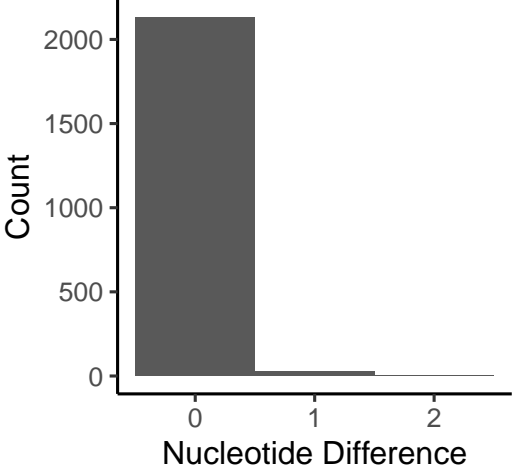
TRBV6-4*ap01

2501 sequences assigned
2472 (98.8%) exact matches, in which:
2433 unique CDR3
14 unique J



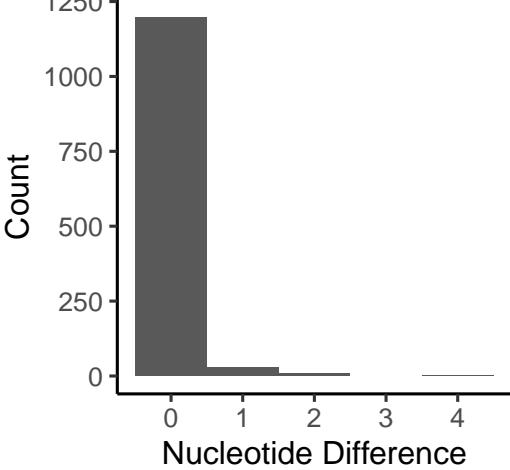
TRBV5-5*ap01

2155 sequences assigned
2129 (98.8%) exact matches, in which:
2094 unique CDR3
14 unique J



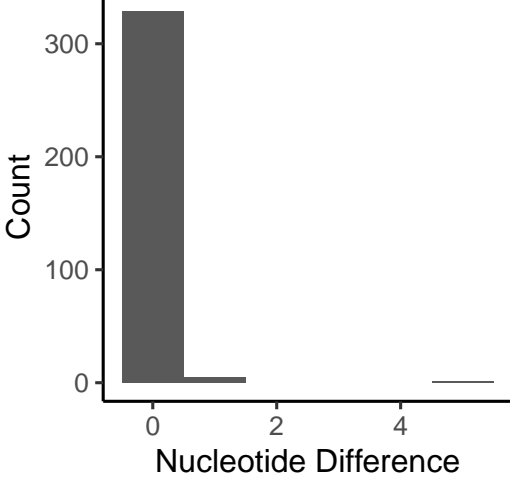
TRBV5-8*ap01

1234 sequences assigned
1196 (96.9%) exact matches, in which:
1169 unique CDR3
14 unique J



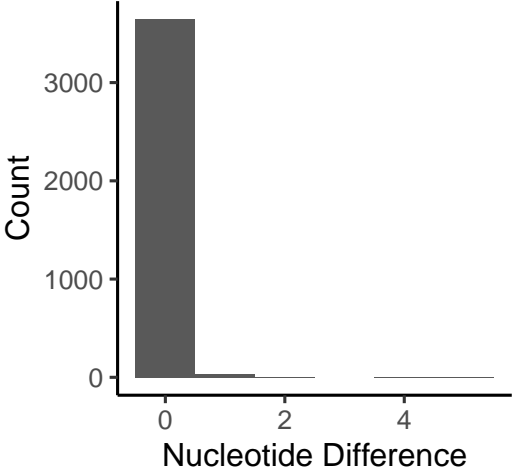
TRBV6-7*ap01

335 sequences assigned
329 (98.2%) exact matches, in which:
323 unique CDR3
14 unique J



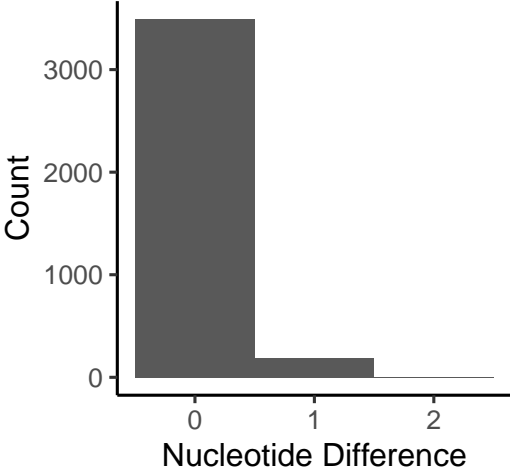
TRBV5-6*ap01

3682 sequences assigned
3647 (99%) exact matches, in which:
3564 unique CDR3
14 unique J



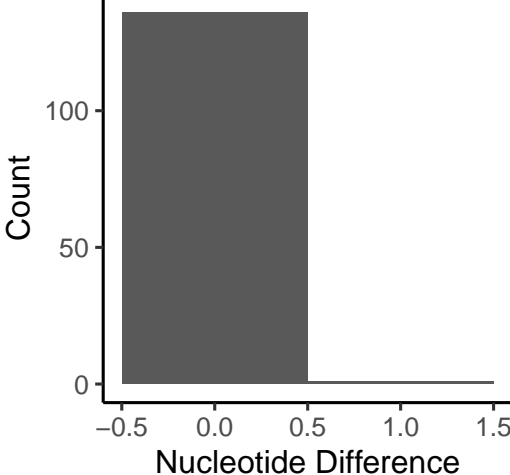
TRBV6-1*ap01

3683 sequences assigned
3493 (94.8%) exact matches, in which:
3424 unique CDR3
14 unique J



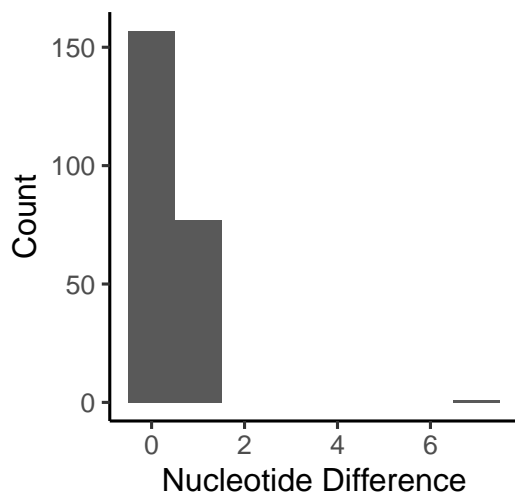
TRBV6-8*ap01

137 sequences assigned
136 (99.3%) exact matches, in which:
130 unique CDR3
14 unique J



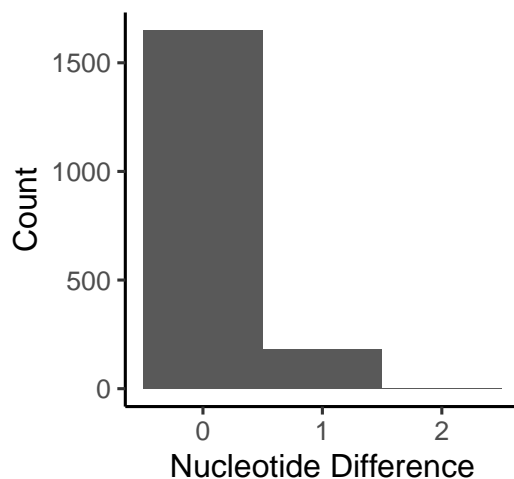
TRBV6–9*ap01

235 sequences assigned
157 (66.8%) exact matches, in which:
150 unique CDR3
14 unique J



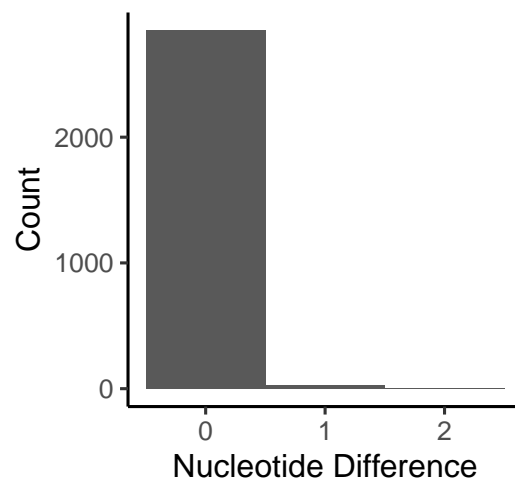
TRBV6–56*ap02

1832 sequences assigned
1649 (90%) exact matches, in which:
1617 unique CDR3
14 unique J



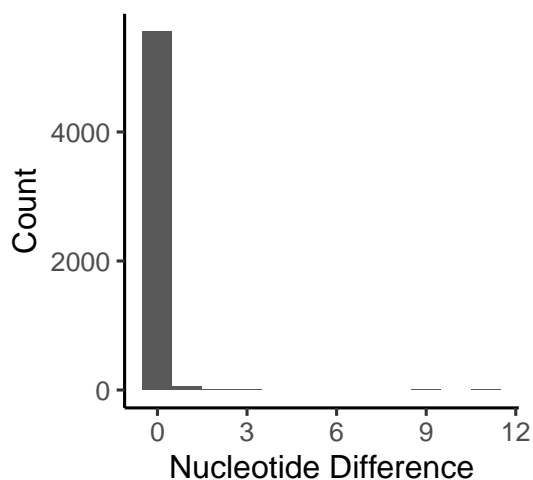
TRBV7–3*ap01

2880 sequences assigned
2849 (98.9%) exact matches, in which:
2801 unique CDR3
14 unique J



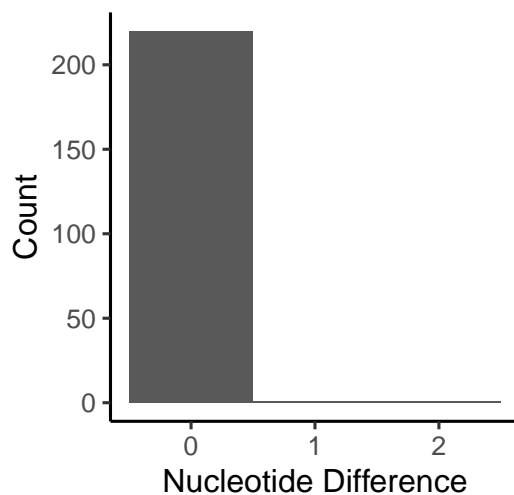
TRBV6–23*ap01

5608 sequences assigned
5554 (99%) exact matches, in which:
5468 unique CDR3
14 unique J



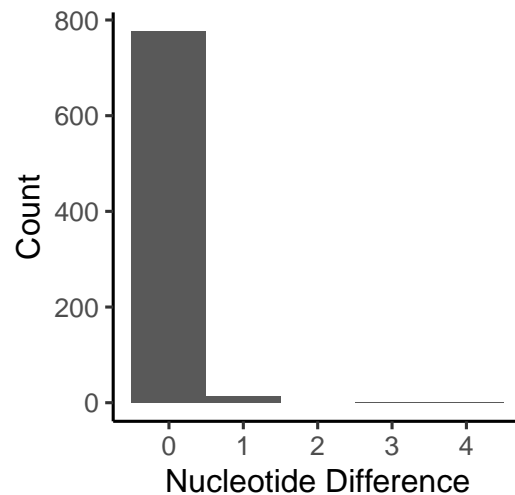
TRBV7–1*ap01_G291C_

222 sequences assigned
220 (99.1%) exact matches, in which:
215 unique CDR3
14 unique J



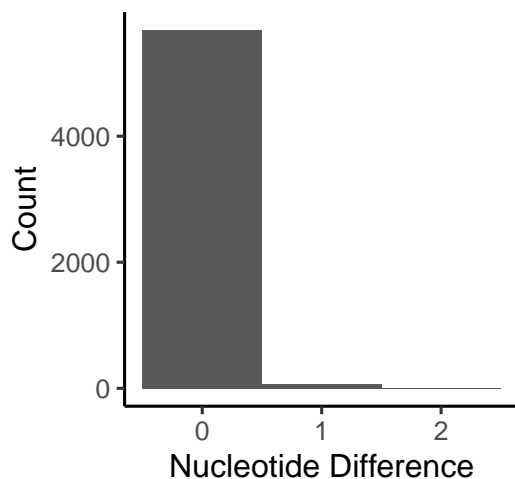
TRBV7–3*ap03

792 sequences assigned
777 (98.1%) exact matches, in which:
758 unique CDR3
13 unique J



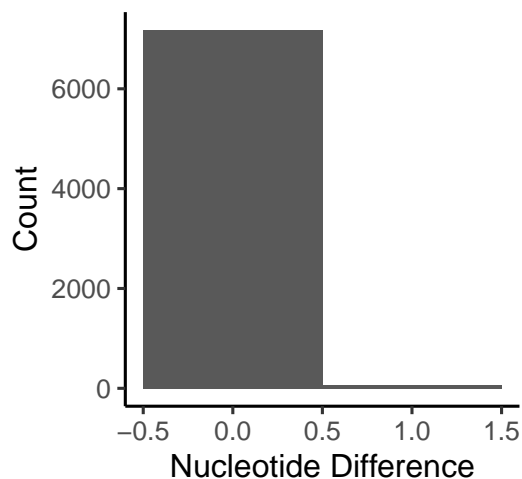
TRBV6–56*ap01

5757 sequences assigned
5684 (98.7%) exact matches, in which:
5587 unique CDR3
14 unique J



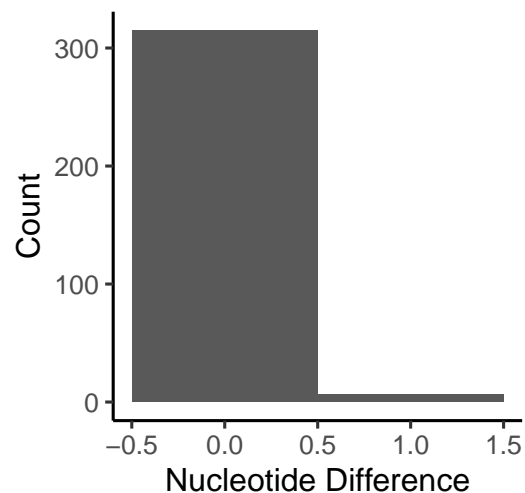
TRBV7–2*ap01

7239 sequences assigned
7177 (99.1%) exact matches, in which:
7056 unique CDR3
14 unique J



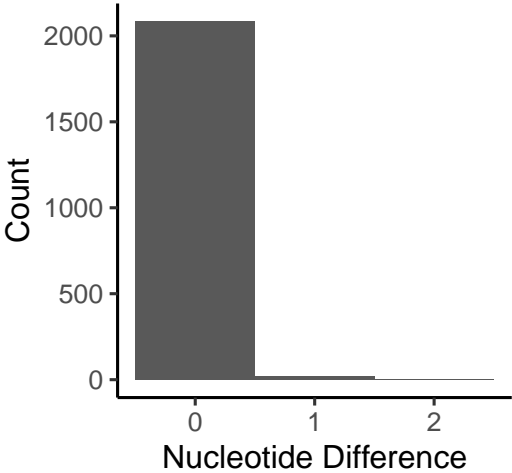
TRBV7–4*ap01

321 sequences assigned
315 (98.1%) exact matches, in which:
306 unique CDR3
14 unique J



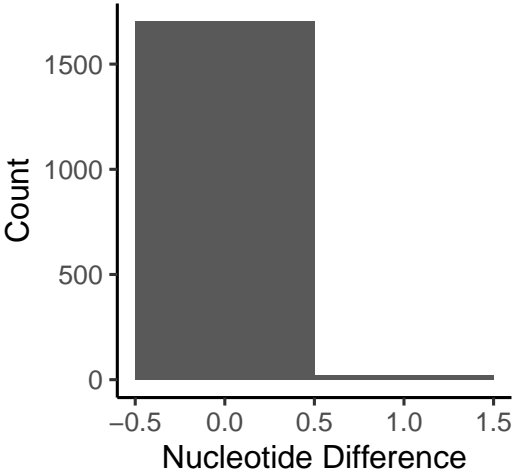
TRBV7-6*ap01

2108 sequences assigned
2084 (98.9%) exact matches, in which:
2056 unique CDR3
14 unique J



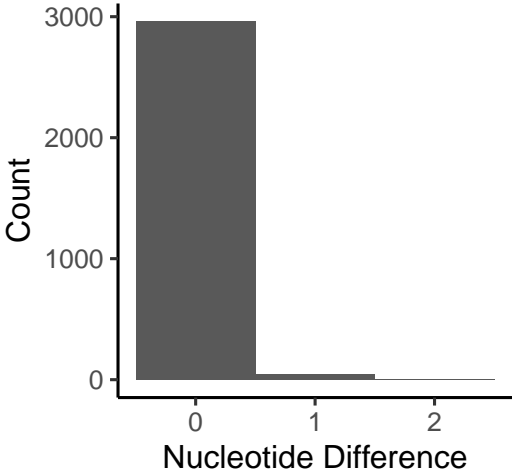
TRBV7-8*ap01

1723 sequences assigned
1703 (98.8%) exact matches, in which:
1680 unique CDR3
14 unique J



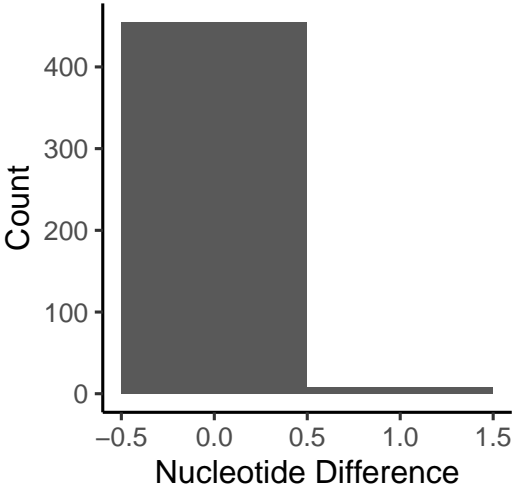
TRBV29-1*ap01

3006 sequences assigned
2961 (98.5%) exact matches, in which:
2914 unique CDR3
14 unique J



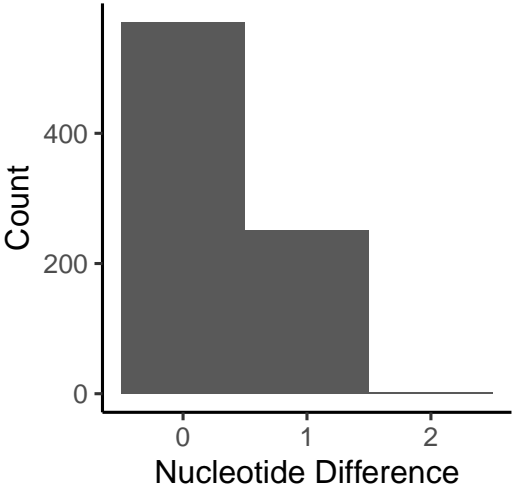
TRBV7-7*ap01

463 sequences assigned
455 (98.3%) exact matches, in which:
444 unique CDR3
13 unique J



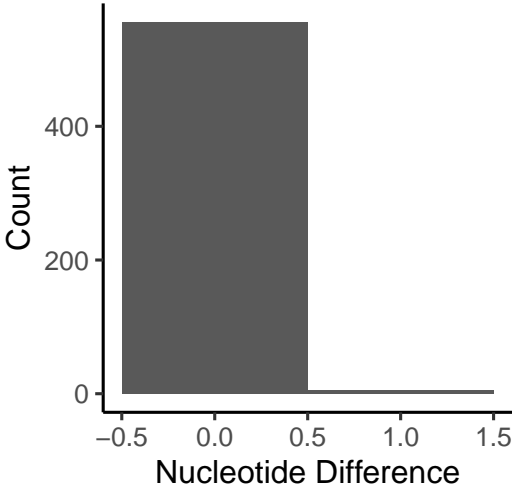
TRBV7-8*ap03

825 sequences assigned
571 (69.2%) exact matches, in which:
560 unique CDR3
14 unique J



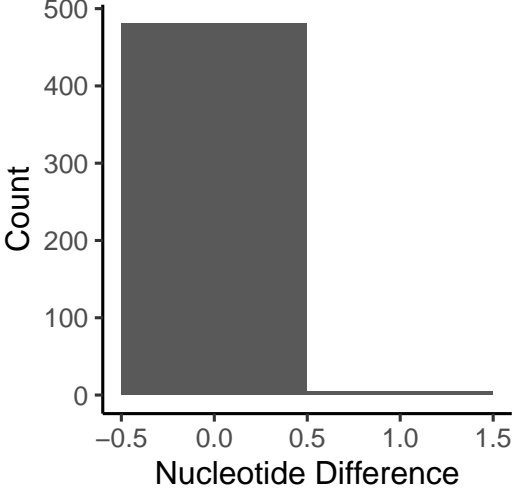
TRBV29-1*ap02

562 sequences assigned
556 (98.9%) exact matches, in which:
550 unique CDR3
14 unique J



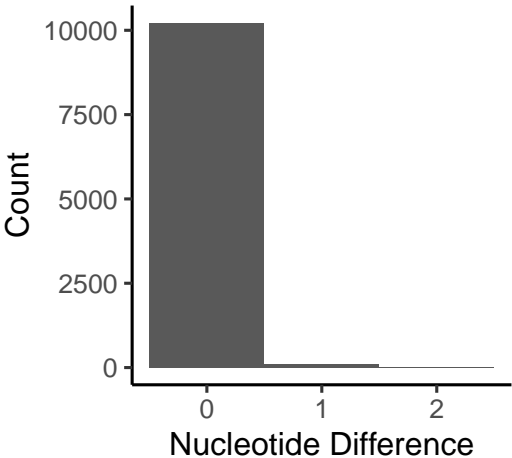
TRBV7-7*ap01_C315T

485 sequences assigned
481 (99.2%) exact matches, in which:
476 unique CDR3
13 unique J

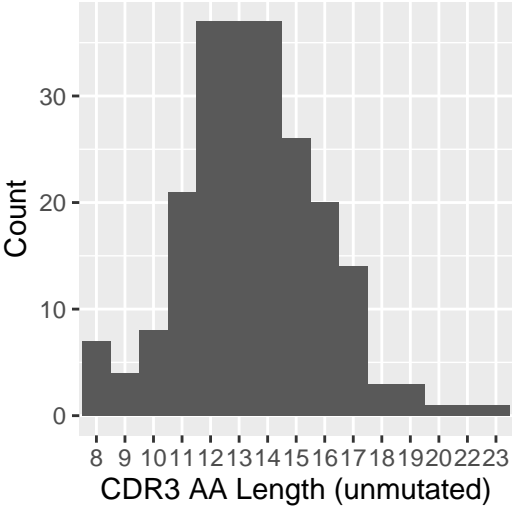


TRBV7-9*ap01

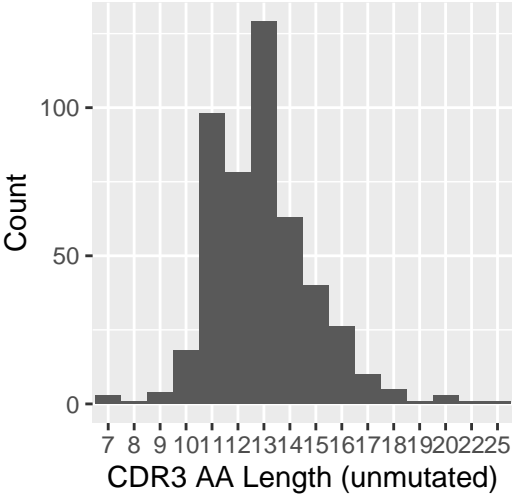
10336 sequences assigned
10222 (98.9%) exact matches, in which:
10096 unique CDR3
14 unique J

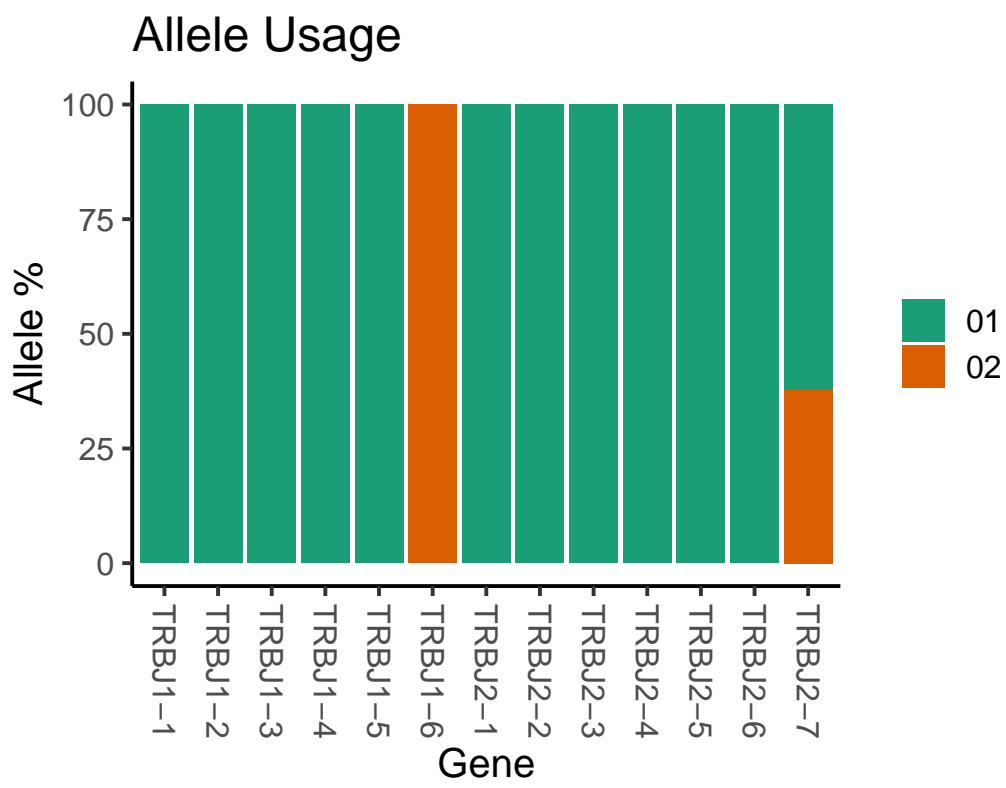


TRBV7-1*ap01_G291C_T296C_C314T

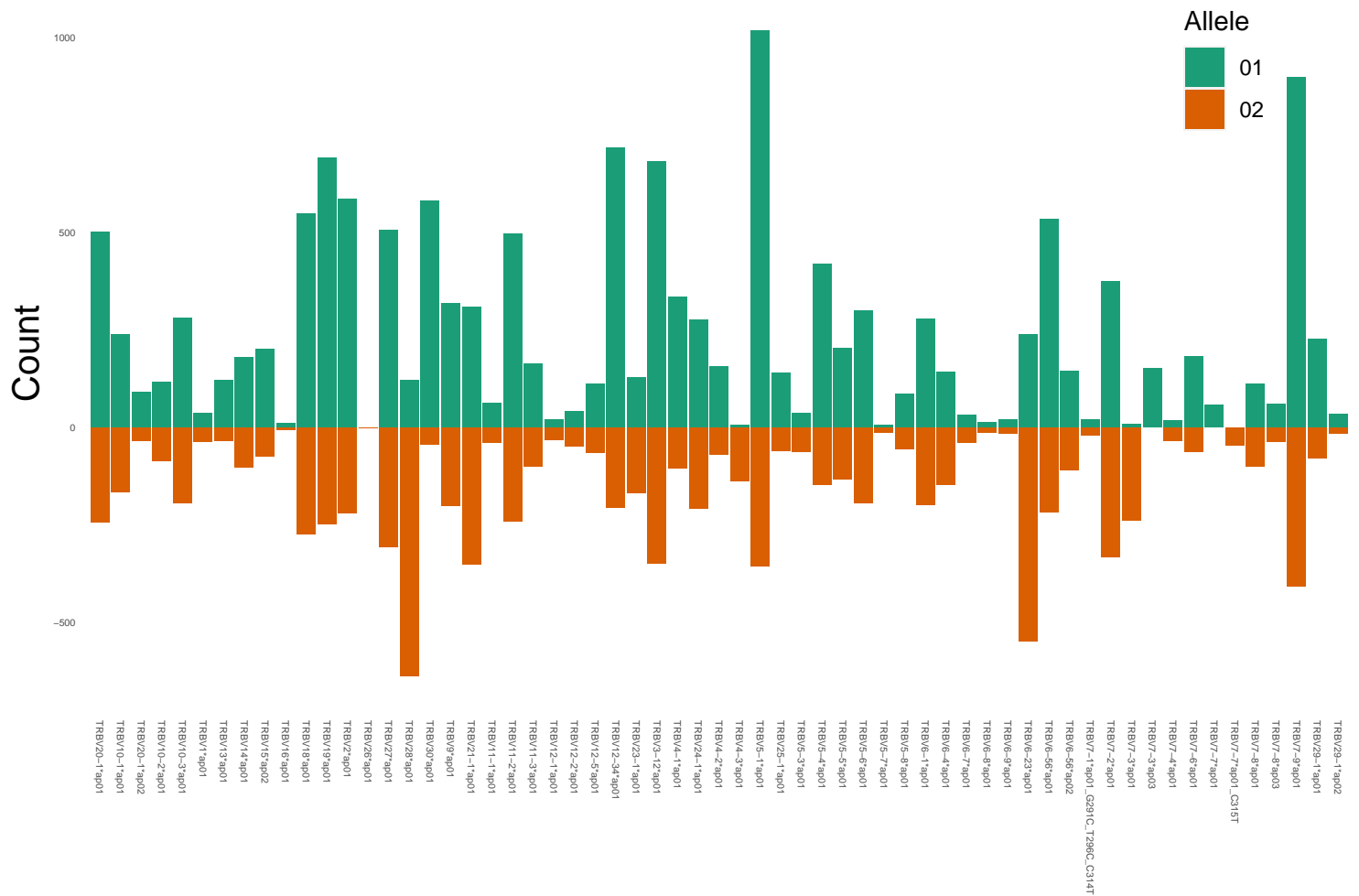


TRBV7-7*ap01_C315T





Sequence Count by TRBJ2-7 allele usage



[illegible]