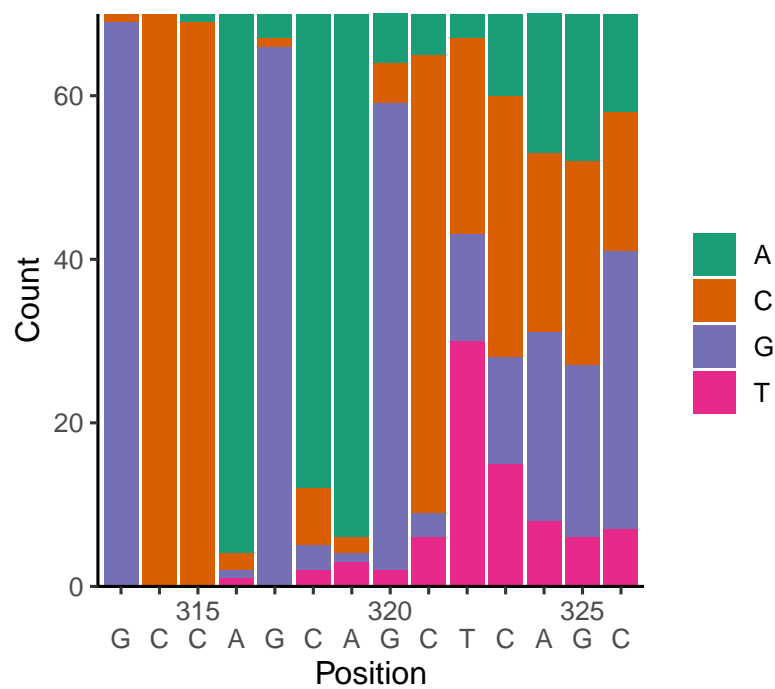
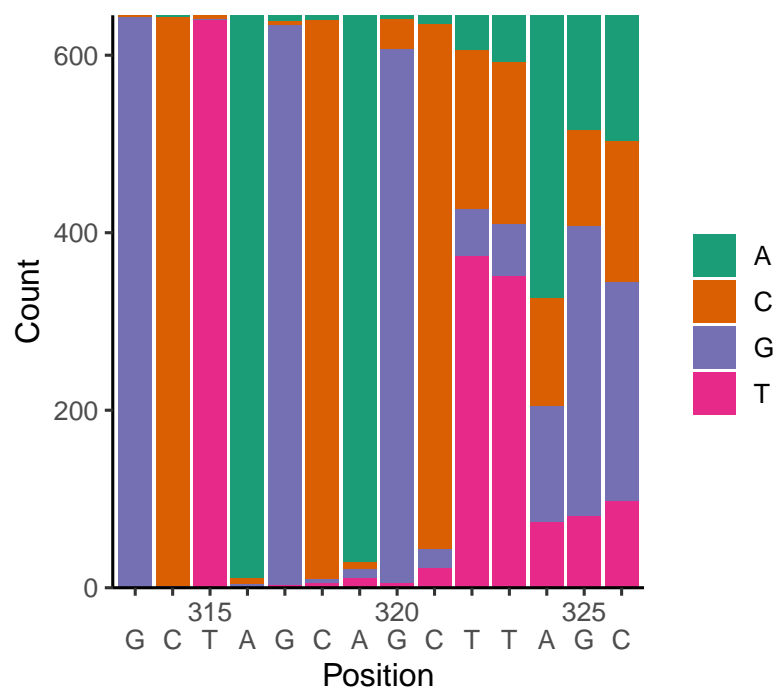


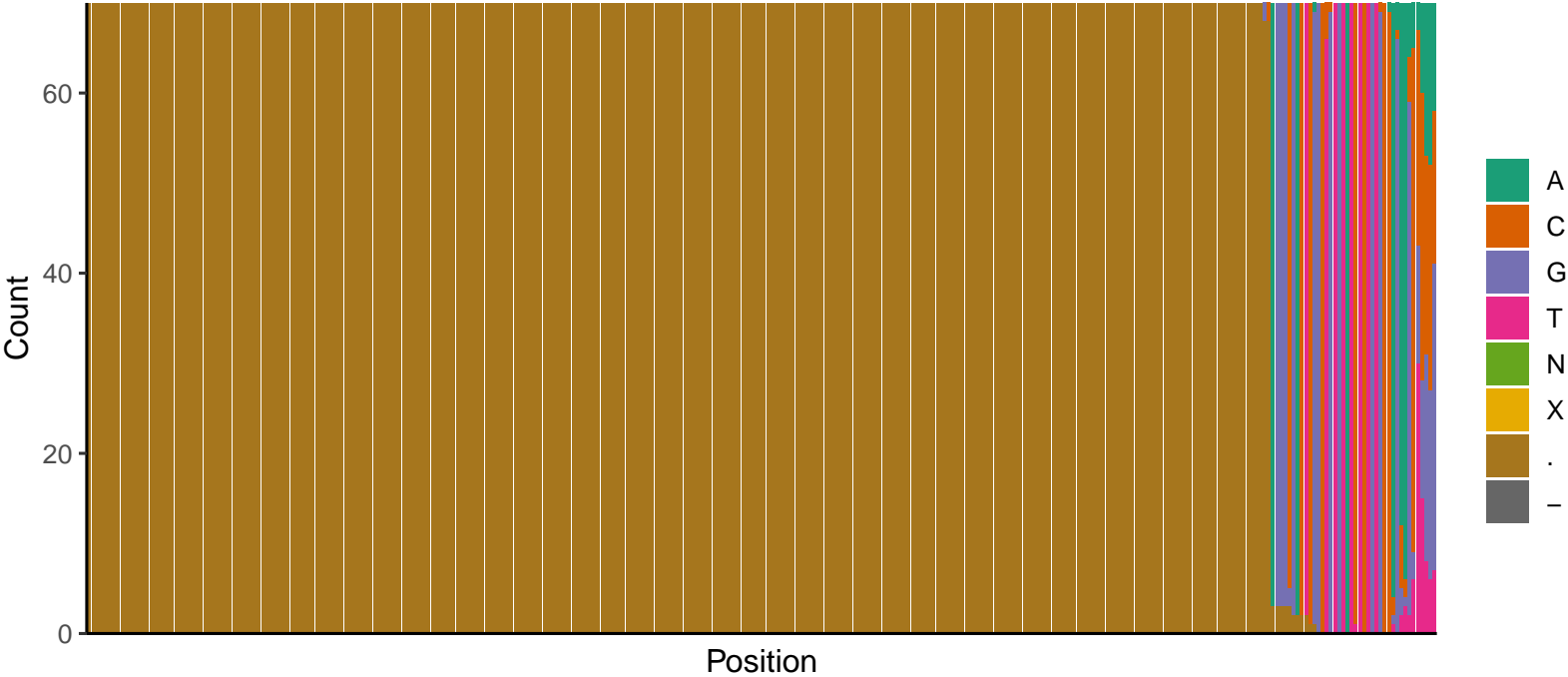
Gene TRBV7-1*ap01_T296C



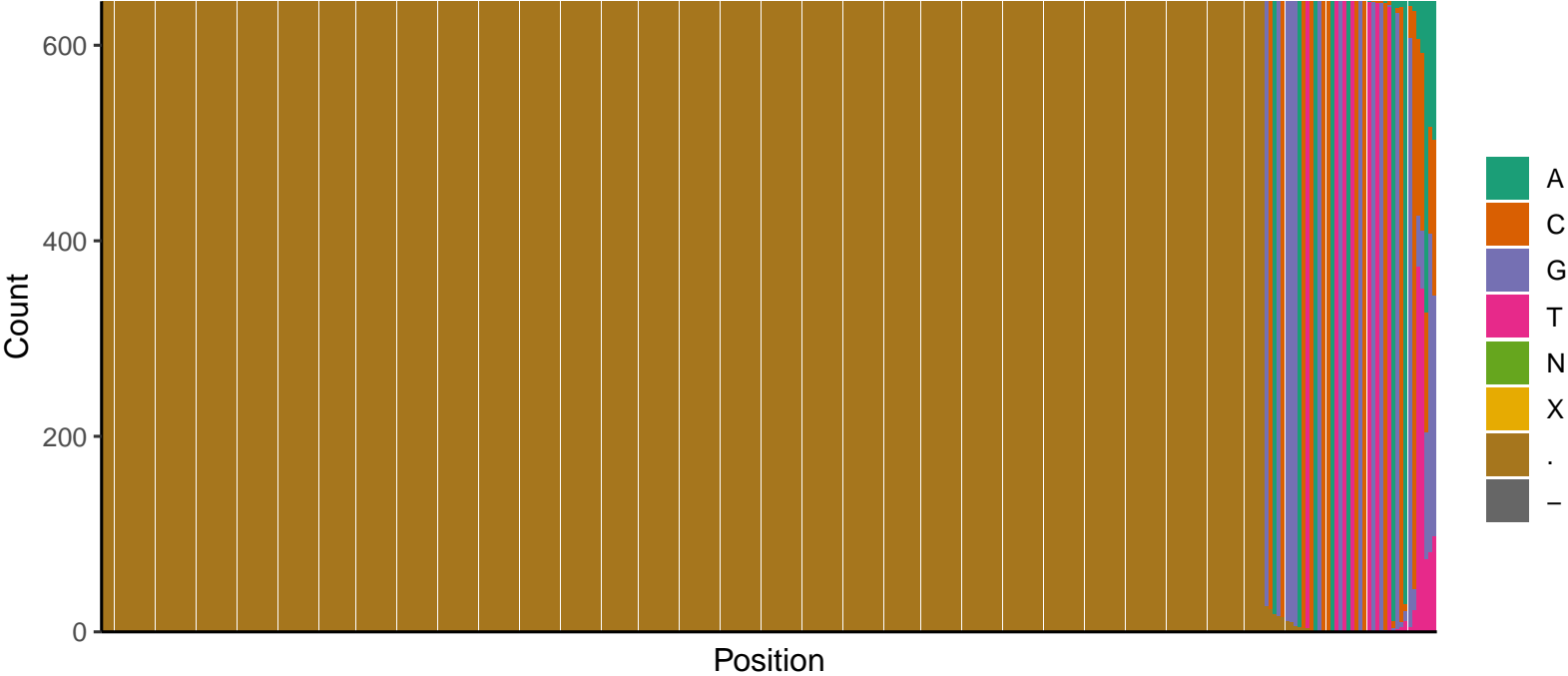
Gene TRBV7-7*ap01_C315T



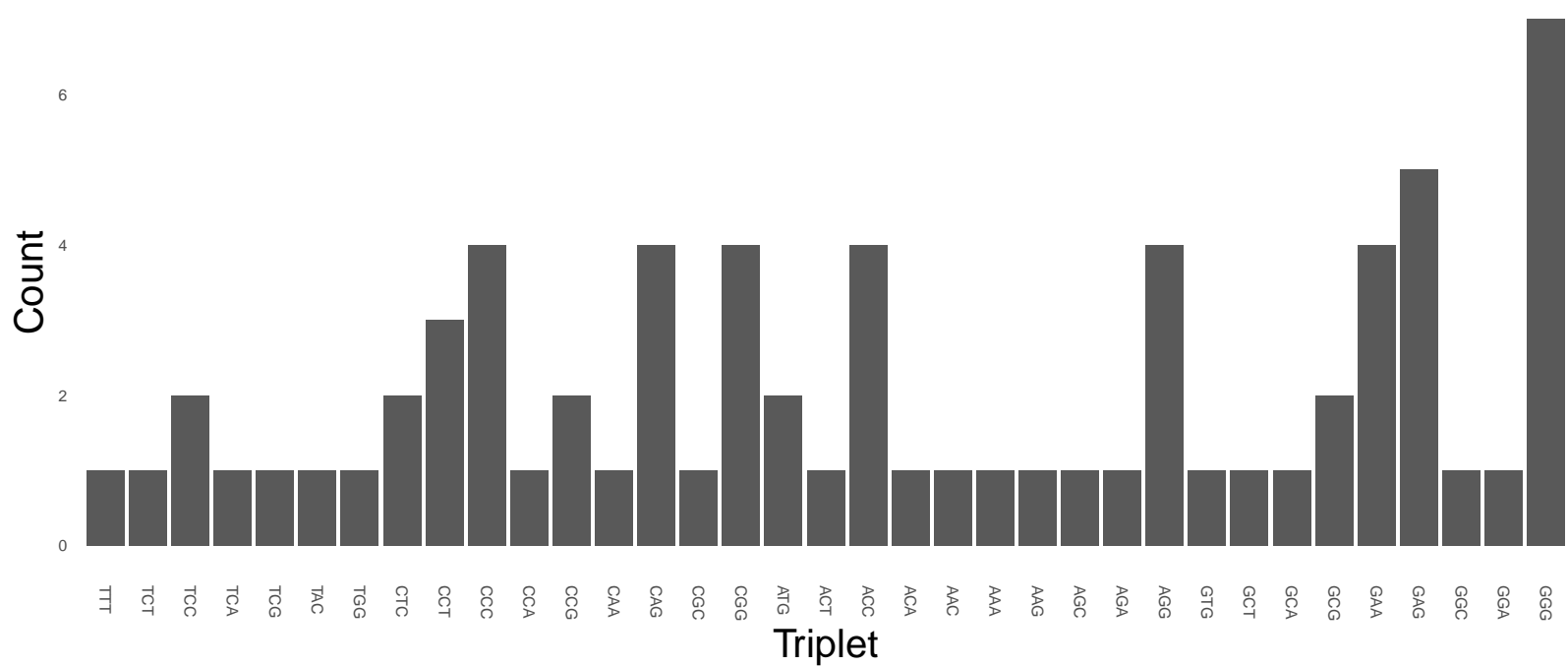
Gene TRBV7-1*ap01_T296C



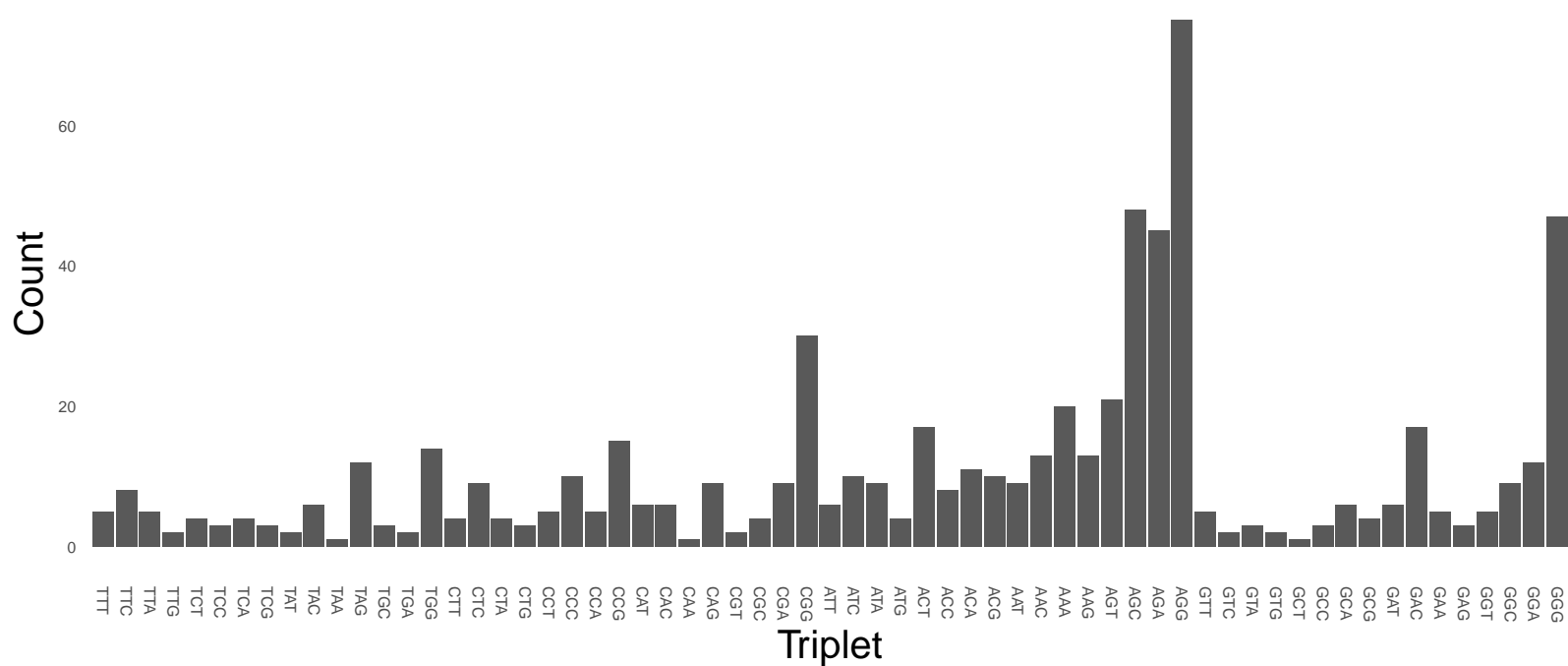
Gene TRBV7-7*ap01_C315T



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

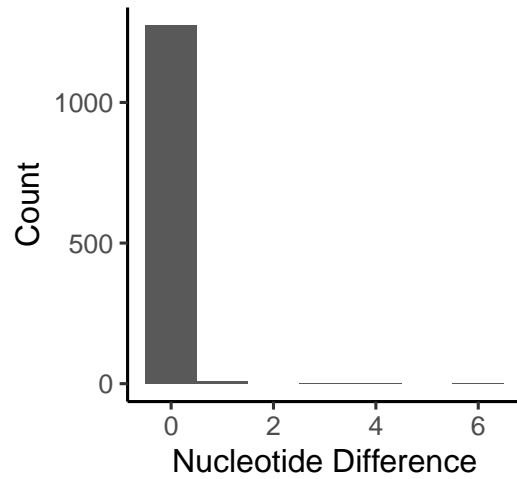


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



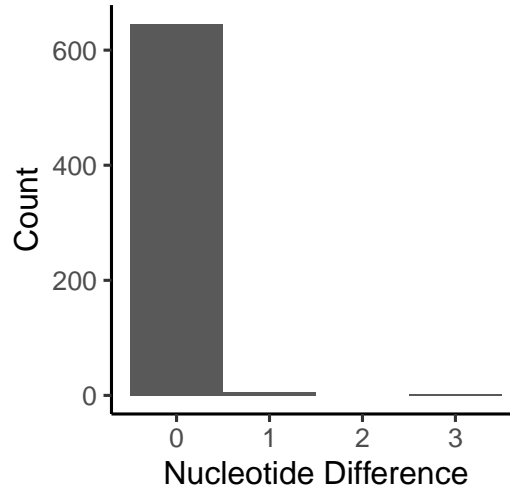
TRBV10-1*ap01

1287 sequences assigned
1274 (99%) exact matches, in which:
1250 unique CDR3
13 unique J



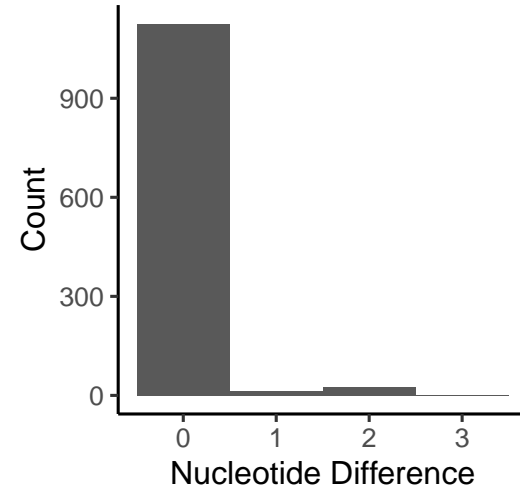
TRBV10-2*ap01

654 sequences assigned
646 (98.8%) exact matches, in which:
626 unique CDR3
13 unique J



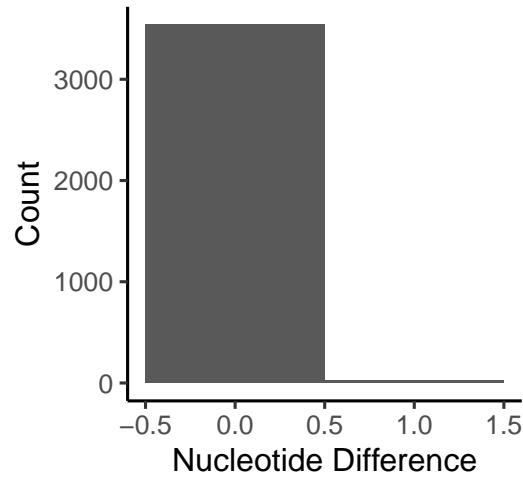
TRBV13*ap01

1167 sequences assigned
1126 (96.5%) exact matches, in which:
1085 unique CDR3
13 unique J



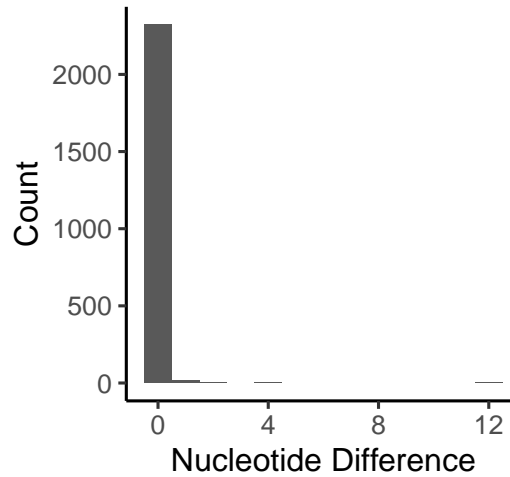
TRBV20-1*ap01

3564 sequences assigned
3539 (99.3%) exact matches, in which:
3505 unique CDR3
13 unique J



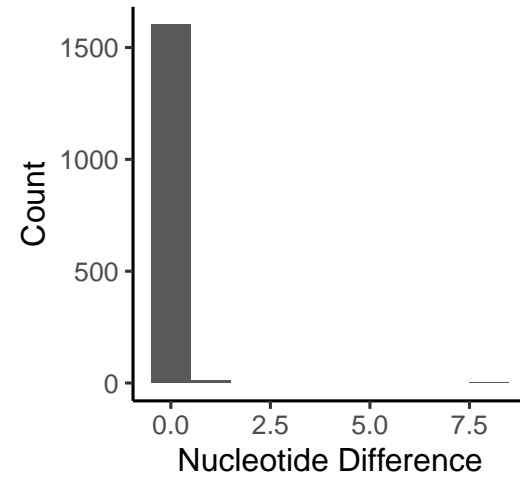
TRBV10-3*ap01

2348 sequences assigned
2322 (98.9%) exact matches, in which:
2271 unique CDR3
13 unique J



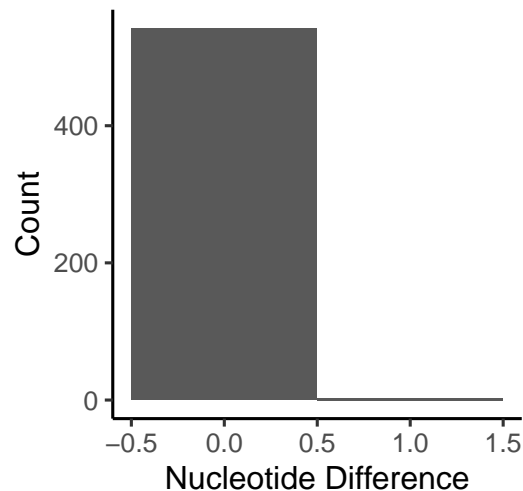
TRBV14*ap01

1614 sequences assigned
1602 (99.3%) exact matches, in which:
1579 unique CDR3
13 unique J



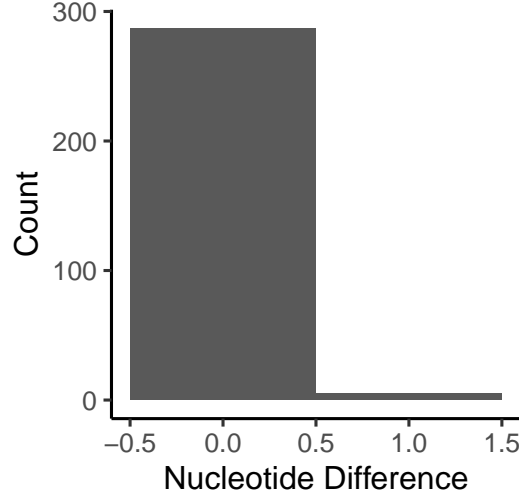
TRBV20-1*ap02

545 sequences assigned
542 (99.4%) exact matches, in which:
538 unique CDR3
13 unique J



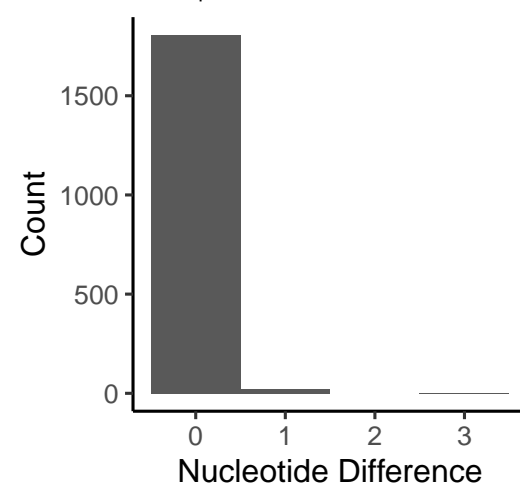
TRBV1*ap01

292 sequences assigned
287 (98.3%) exact matches, in which:
277 unique CDR3
13 unique J



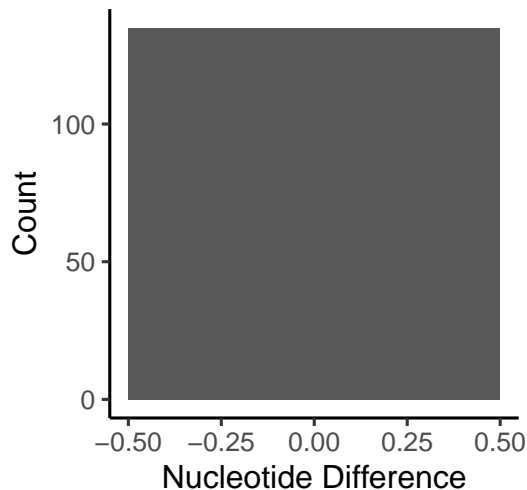
TRBV15*ap02

1829 sequences assigned
1806 (98.7%) exact matches, in which:
1757 unique CDR3
13 unique J



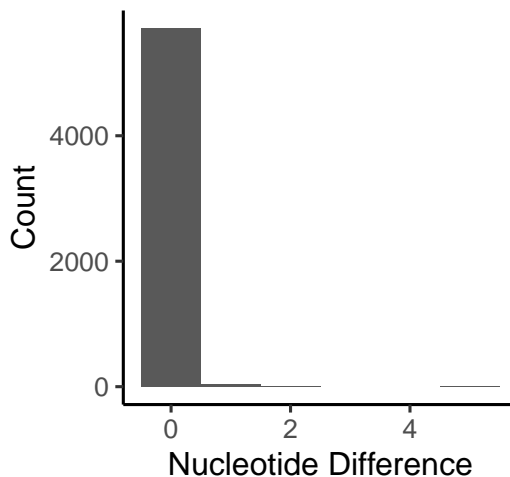
TRBV16*ap01

135 sequences assigned
135 (100%) exact matches, in which:
135 unique CDR3
12 unique J



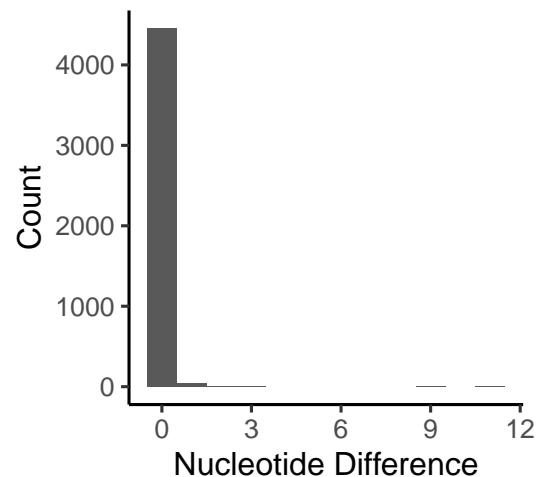
TRBV19*ap01

5751 sequences assigned
5711 (99.3%) exact matches, in which:
5650 unique CDR3
13 unique J



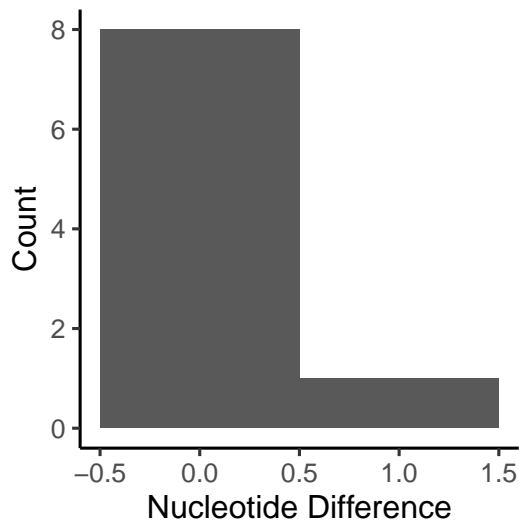
TRBV27*ap01

4507 sequences assigned
4454 (98.8%) exact matches, in which:
4368 unique CDR3
13 unique J



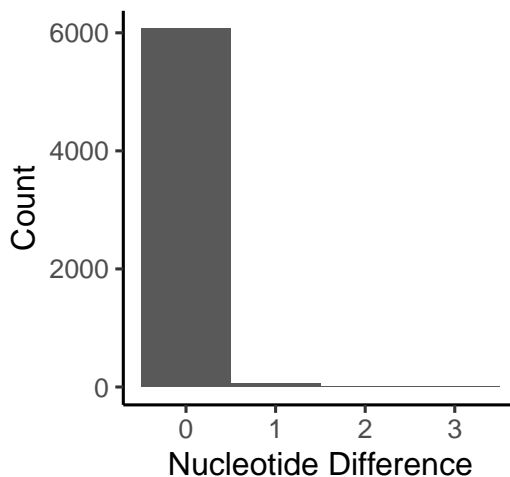
TRBV17*ap01

9 sequences assigned
8 (88.9%) exact matches, in which:
8 unique CDR3
6 unique J



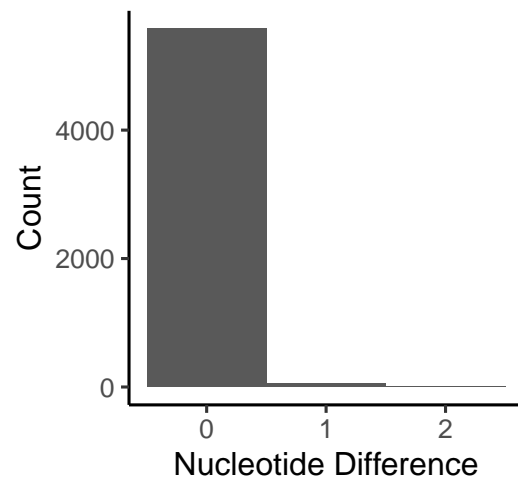
TRBV2*ap01

6133 sequences assigned
6069 (99%) exact matches, in which:
5930 unique CDR3
13 unique J



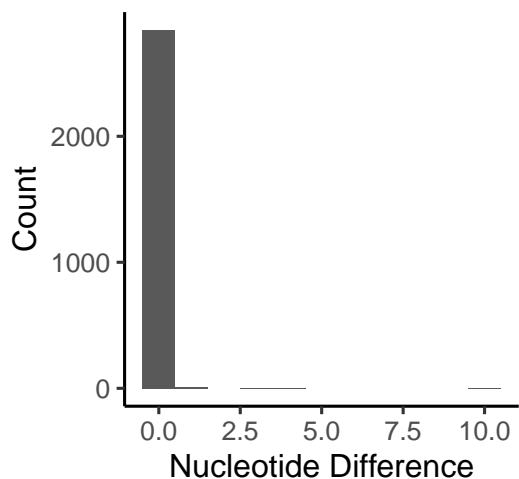
TRBV28*ap01

5638 sequences assigned
5579 (99%) exact matches, in which:
5487 unique CDR3
13 unique J



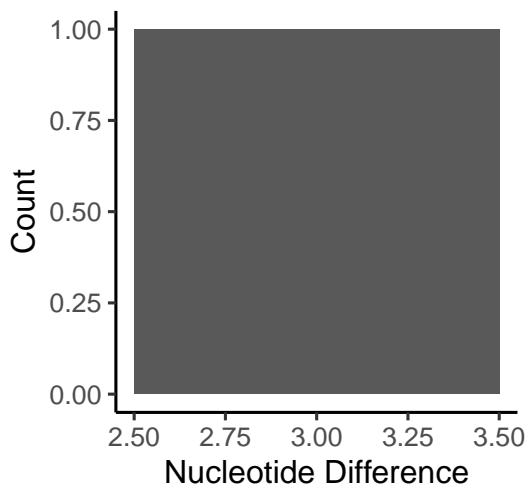
TRBV18*ap01

2859 sequences assigned
2843 (99.4%) exact matches, in which:
2809 unique CDR3
13 unique J



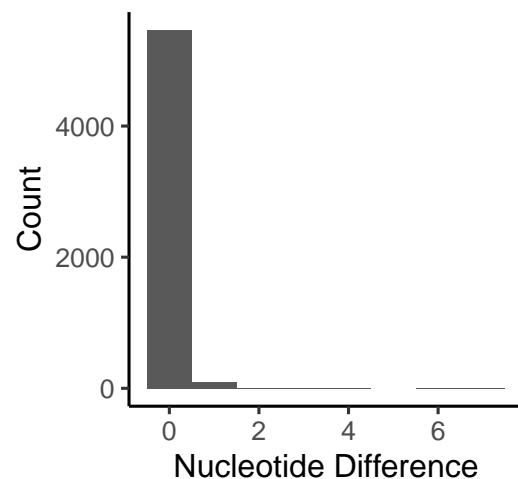
TRBV26*ap01

1 sequences assigned
No exact matches.



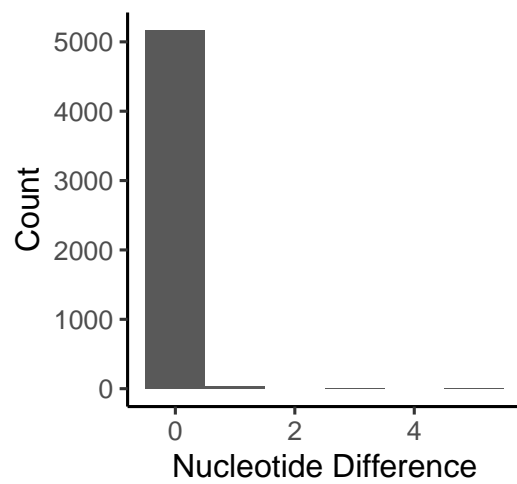
TRBV30*ap01

5567 sequences assigned
5464 (98.1%) exact matches, in which:
5244 unique CDR3
13 unique J



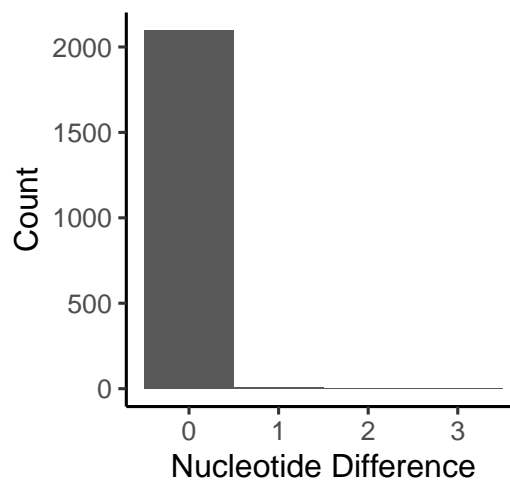
TRBV9*ap01

5210 sequences assigned
5165 (99.1%) exact matches, in which:
5098 unique CDR3
13 unique J



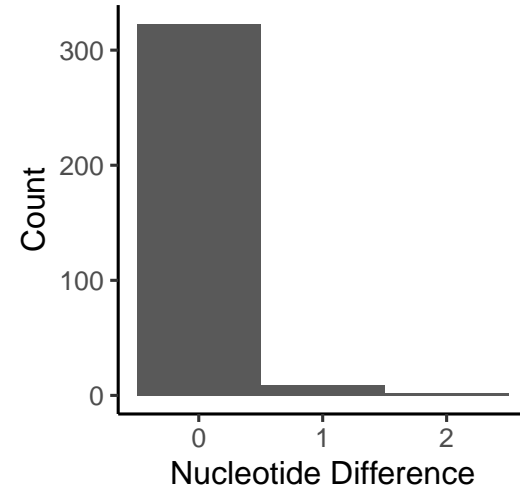
TRBV11-2*ap01

2105 sequences assigned
2097 (99.6%) exact matches, in which:
2079 unique CDR3
13 unique J



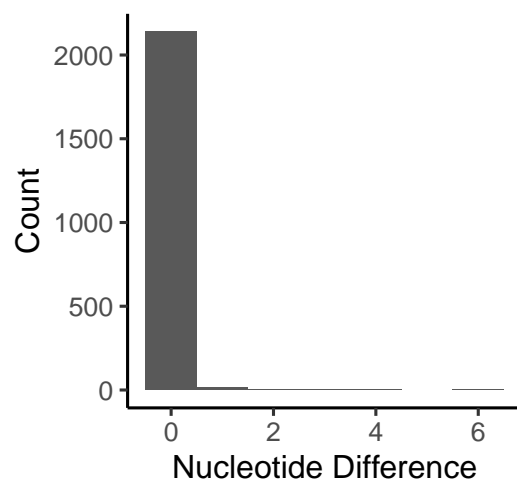
TRBV12-2*ap01

334 sequences assigned
323 (96.7%) exact matches, in which:
314 unique CDR3
13 unique J



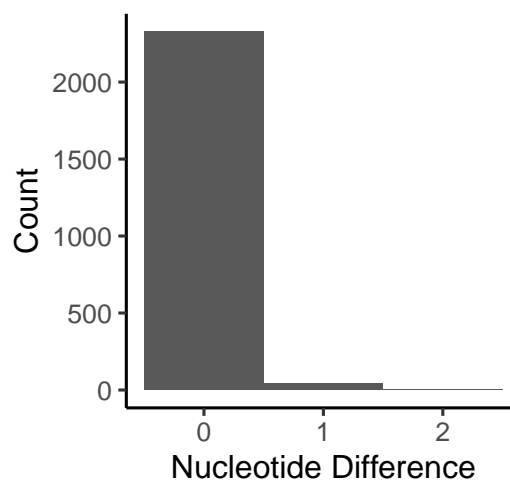
TRBV21-1*ap01

2160 sequences assigned
2139 (99%) exact matches, in which:
2123 unique CDR3
13 unique J



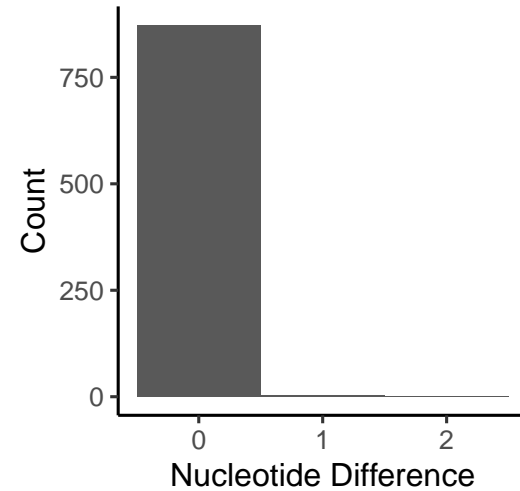
TRBV11-3*ap01

2369 sequences assigned
2327 (98.2%) exact matches, in which:
2298 unique CDR3
13 unique J



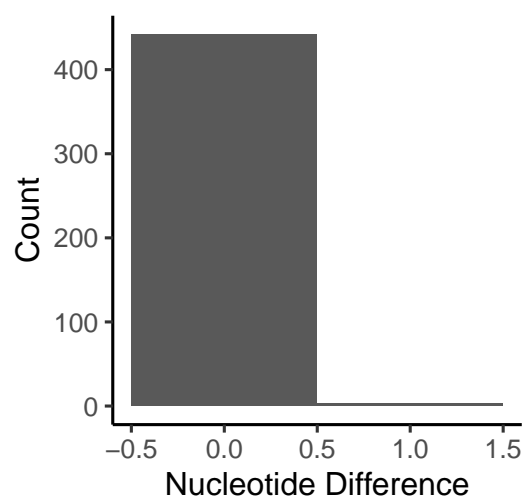
TRBV12-5*ap01

878 sequences assigned
873 (99.4%) exact matches, in which:
861 unique CDR3
13 unique J



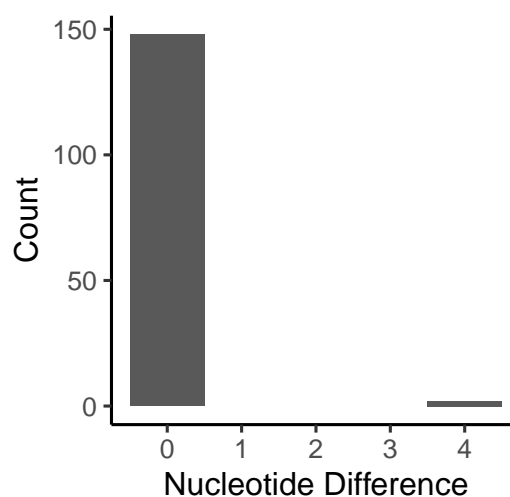
TRBV11-1*ap01

445 sequences assigned
442 (99.3%) exact matches, in which:
440 unique CDR3
13 unique J



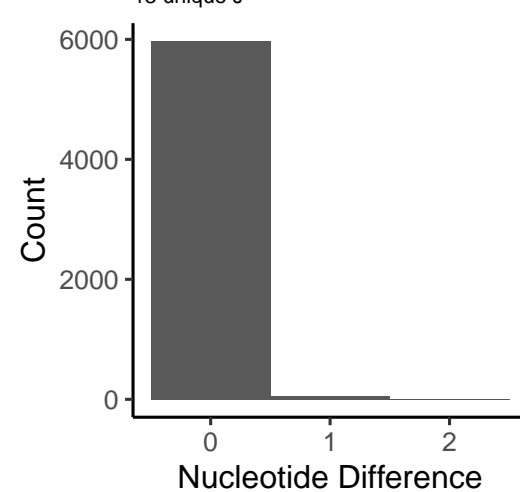
TRBV12-1*ap01

150 sequences assigned
148 (98.7%) exact matches, in which:
146 unique CDR3
13 unique J



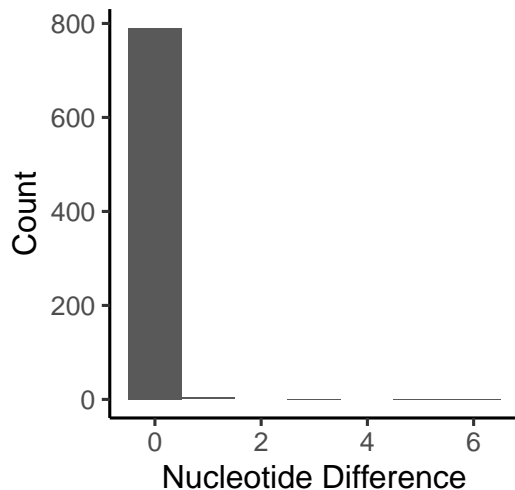
TRBV12-34*ap01

6032 sequences assigned
5972 (99%) exact matches, in which:
5874 unique CDR3
13 unique J



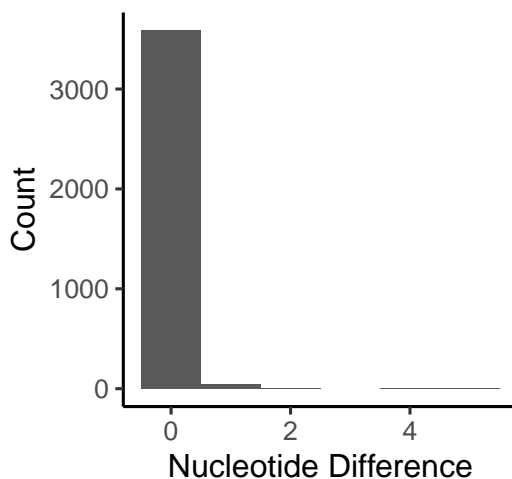
TRBV23–1*ap01

798 sequences assigned
791 (99.1%) exact matches, in which:
775 unique CDR3
13 unique J



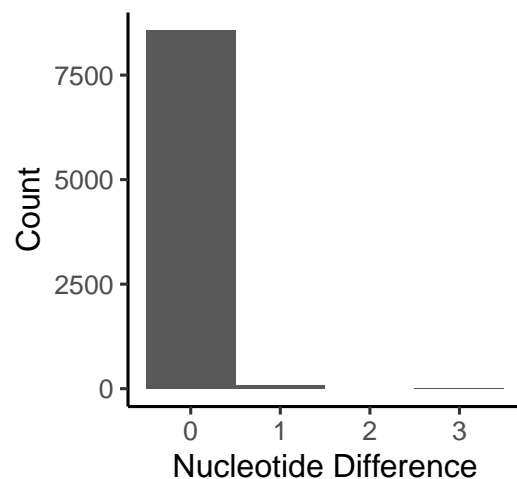
TRBV24–1*ap01

3641 sequences assigned
3587 (98.5%) exact matches, in which:
3496 unique CDR3
13 unique J



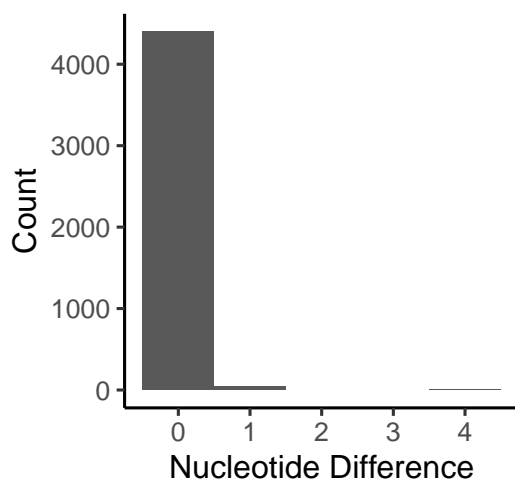
TRBV5–1*ap01

8662 sequences assigned
8568 (98.9%) exact matches, in which:
8345 unique CDR3
13 unique J



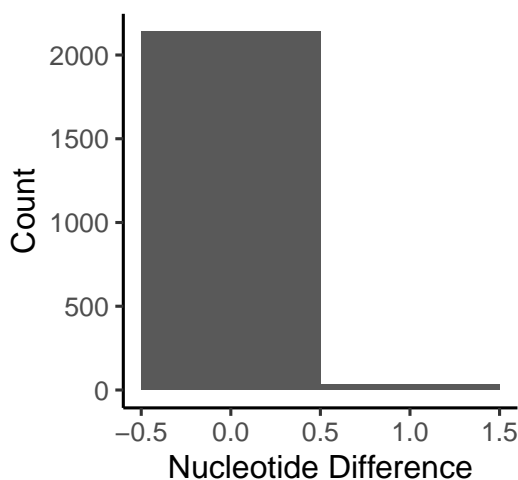
TRBV3–12*ap01

4441 sequences assigned
4399 (99.1%) exact matches, in which:
4332 unique CDR3
13 unique J



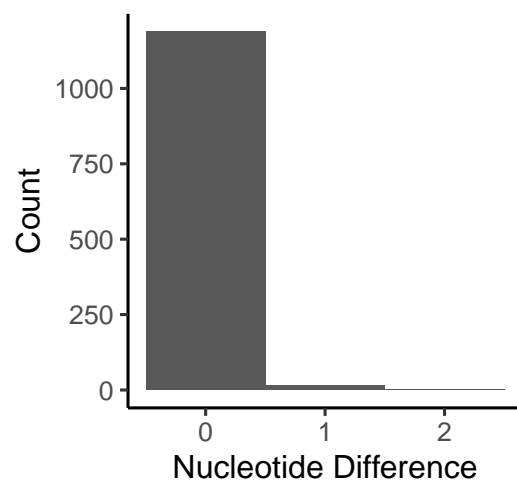
TRBV4–2*ap01

2171 sequences assigned
2139 (98.5%) exact matches, in which:
2087 unique CDR3
13 unique J



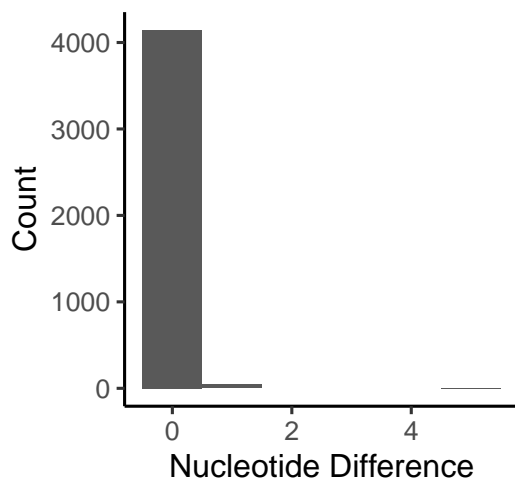
TRBV25–1*ap01

1205 sequences assigned
1188 (98.6%) exact matches, in which:
1143 unique CDR3
13 unique J



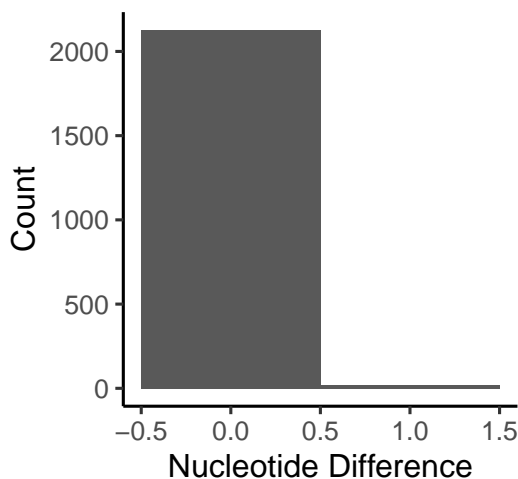
TRBV4–1*ap01

4189 sequences assigned
4144 (98.9%) exact matches, in which:
4044 unique CDR3
13 unique J



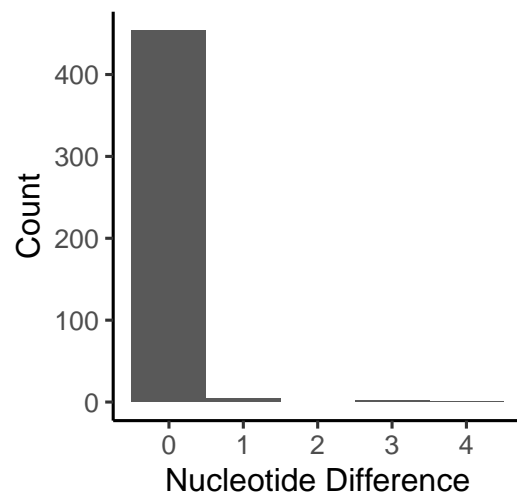
TRBV4–3*ap01

2145 sequences assigned
2127 (99.2%) exact matches, in which:
2092 unique CDR3
13 unique J



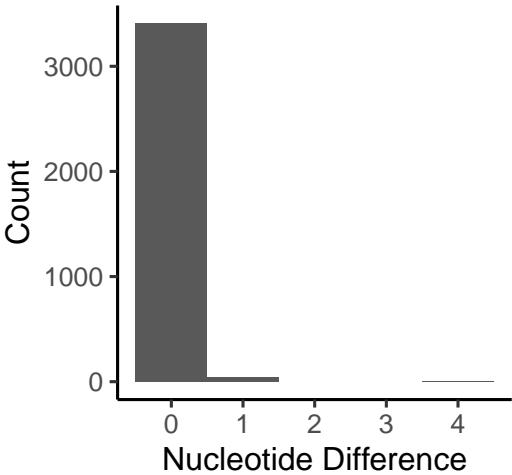
TRBV5–3*ap01

461 sequences assigned
454 (98.5%) exact matches, in which:
444 unique CDR3
13 unique J



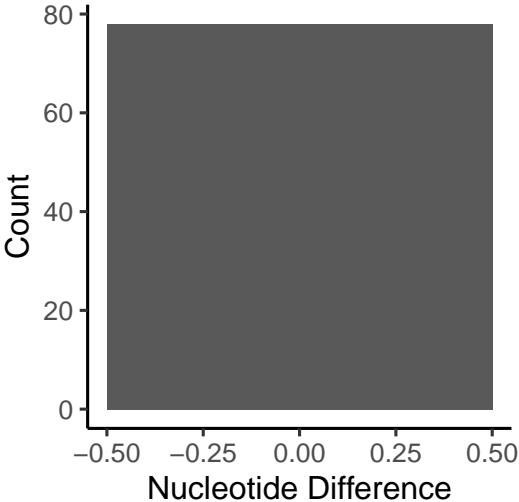
TRBV5-4*ap01

3453 sequences assigned
3408 (98.7%) exact matches, in which:
3339 unique CDR3
13 unique J



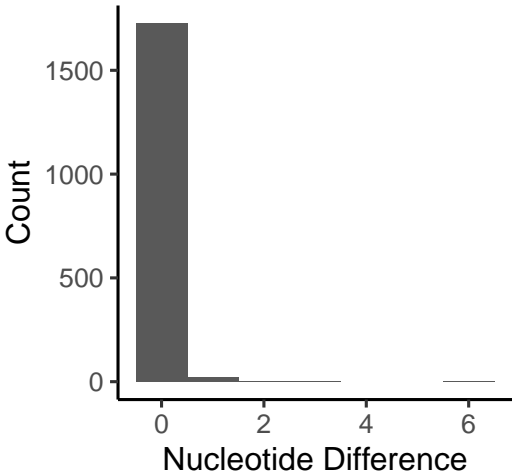
TRBV5-7*ap01

78 sequences assigned
78 (100%) exact matches, in which:
74 unique CDR3
12 unique J



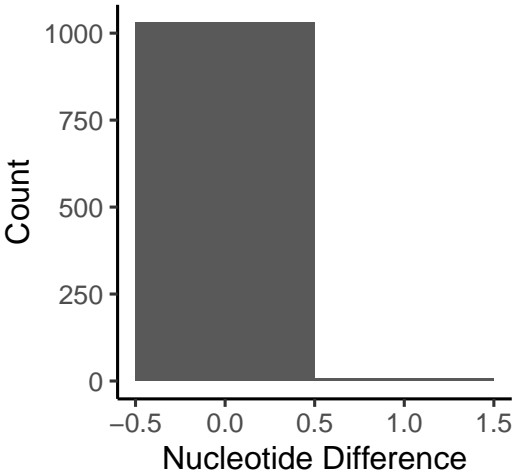
TRBV6-4*ap01

1753 sequences assigned
1726 (98.5%) exact matches, in which:
1701 unique CDR3
13 unique J



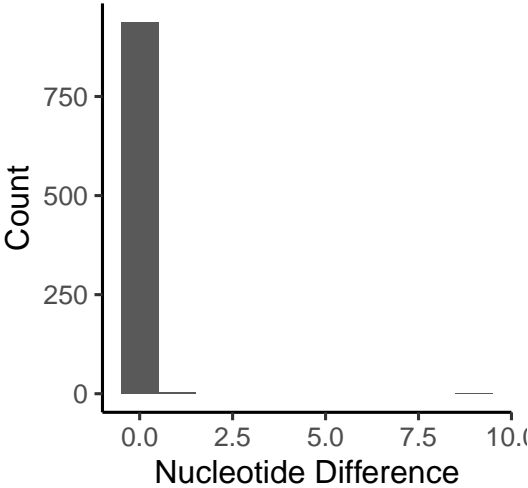
TRBV5-5*ap01

1037 sequences assigned
1030 (99.3%) exact matches, in which:
1022 unique CDR3
13 unique J



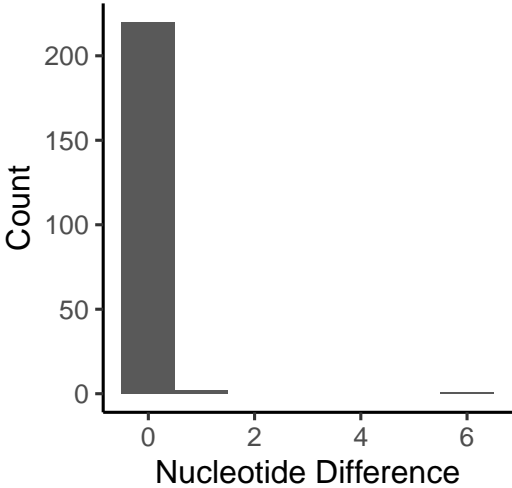
TRBV5-8*ap01

943 sequences assigned
938 (99.5%) exact matches, in which:
917 unique CDR3
13 unique J



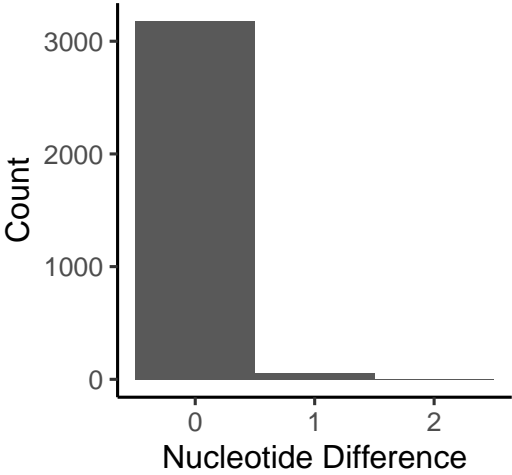
TRBV6-7*ap01

223 sequences assigned
220 (98.7%) exact matches, in which:
215 unique CDR3
13 unique J



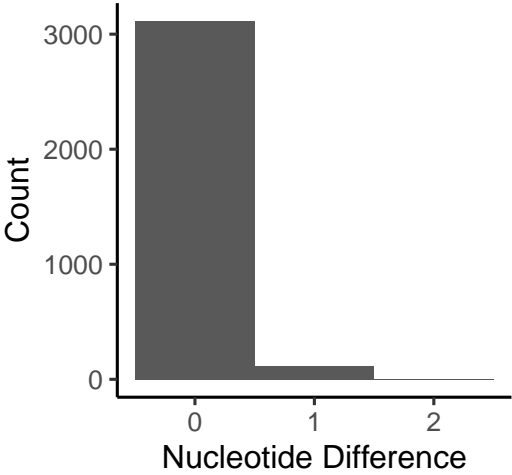
TRBV5-6*ap01

3234 sequences assigned
3179 (98.3%) exact matches, in which:
3069 unique CDR3
13 unique J



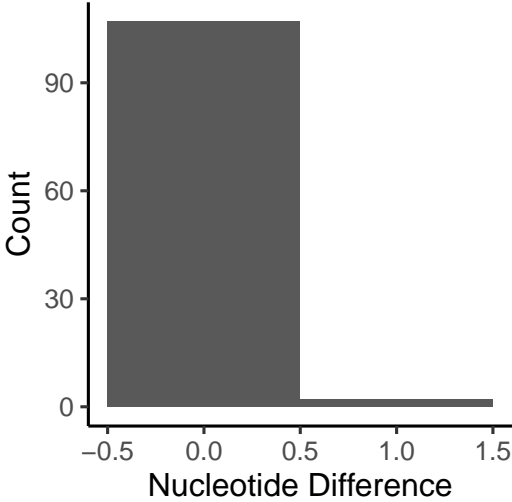
TRBV6-1*ap01

3229 sequences assigned
3114 (96.4%) exact matches, in which:
3027 unique CDR3
13 unique J



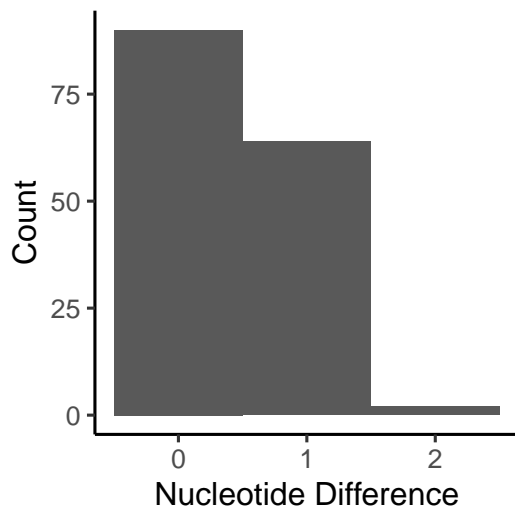
TRBV6-8*ap01

109 sequences assigned
107 (98.2%) exact matches, in which:
104 unique CDR3
13 unique J



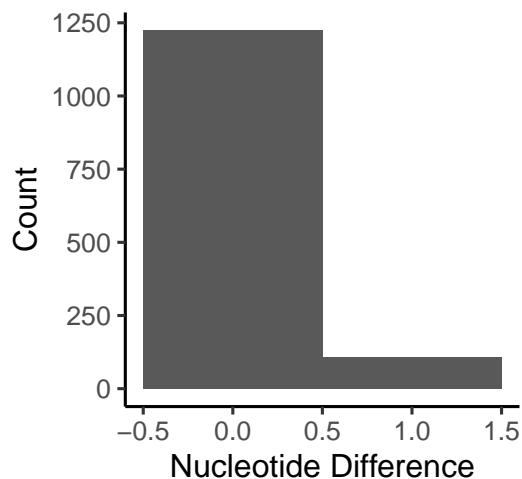
TRBV6-9*ap01

156 sequences assigned
90 (57.7%) exact matches, in which:
86 unique CDR3
13 unique J



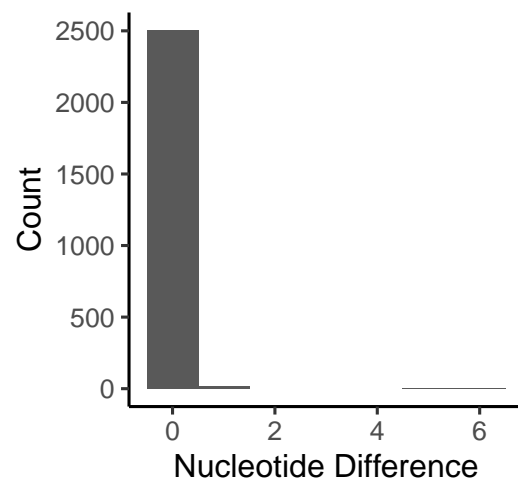
TRBV6-56*ap02

1332 sequences assigned
1224 (91.9%) exact matches, in which:
1200 unique CDR3
13 unique J



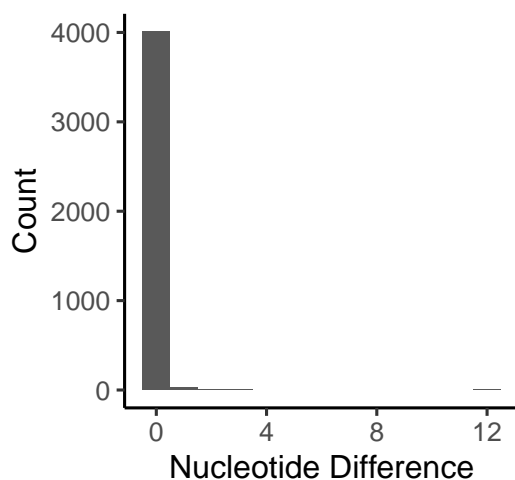
TRBV7-3*ap01

2522 sequences assigned
2503 (99.2%) exact matches, in which:
2479 unique CDR3
13 unique J



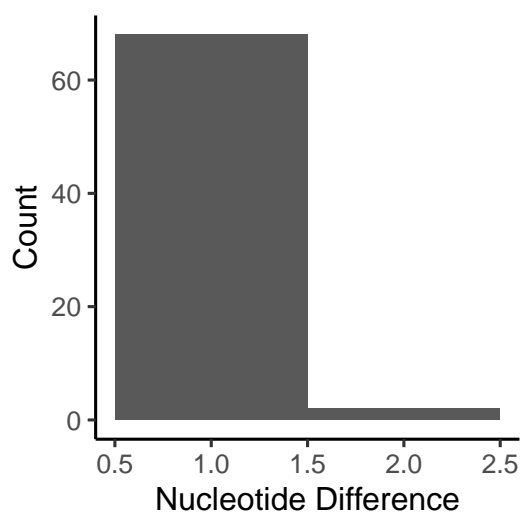
TRBV6-23*ap01

4048 sequences assigned
4008 (99%) exact matches, in which:
3854 unique CDR3
13 unique J



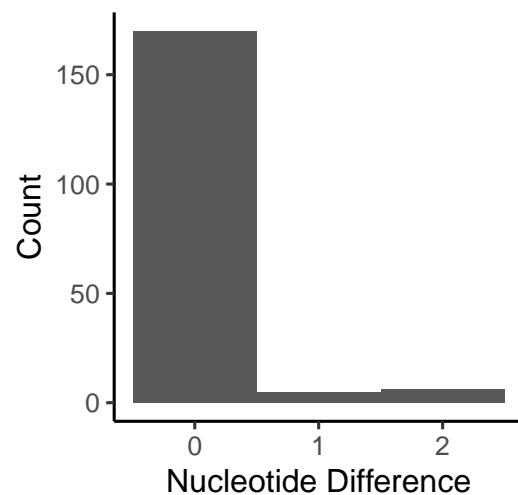
TRBV7-1*ap01_T296C

70 sequences assigned
No exact matches.



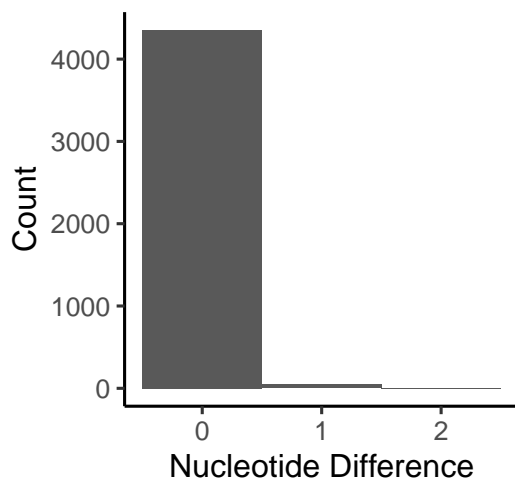
TRBV7-4*ap01

181 sequences assigned
170 (93.9%) exact matches, in which:
168 unique CDR3
13 unique J



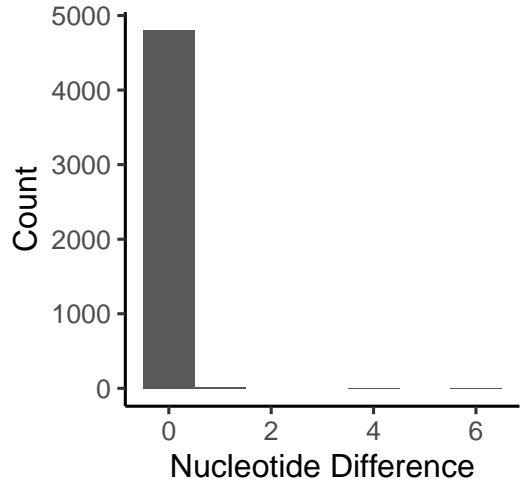
TRBV6-56*ap01

4402 sequences assigned
4353 (98.9%) exact matches, in which:
4197 unique CDR3
13 unique J



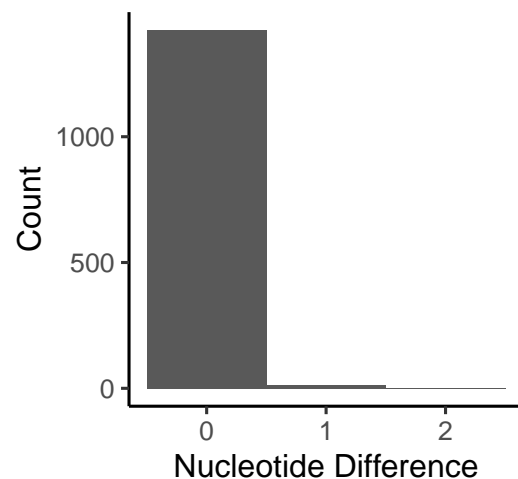
TRBV7-2*ap01

4828 sequences assigned
4805 (99.5%) exact matches, in which:
4735 unique CDR3
13 unique J



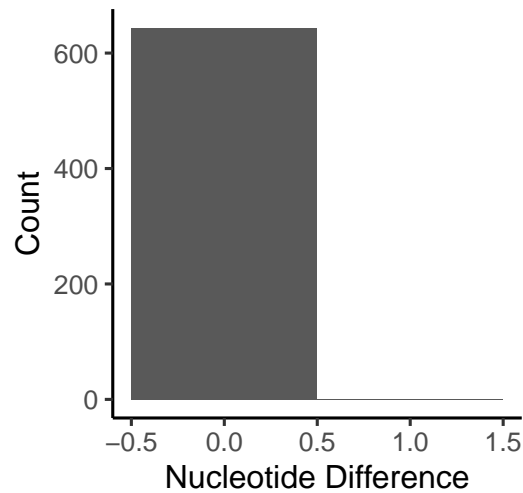
TRBV7-6*ap01

1437 sequences assigned
1424 (99.1%) exact matches, in which:
1391 unique CDR3
13 unique J



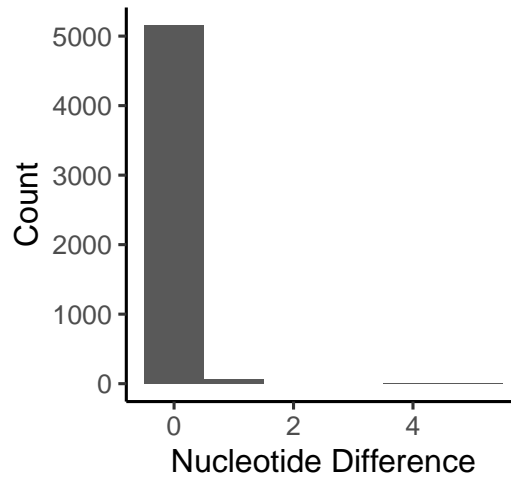
TRBV7-7*ap01_C315T

645 sequences assigned
644 (99.8%) exact matches, in which:
632 unique CDR3
13 unique J



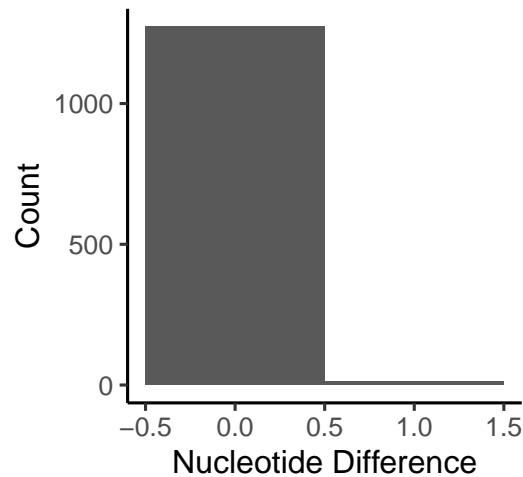
TRBV7-9*ap01

5214 sequences assigned
5154 (98.8%) exact matches, in which:
5054 unique CDR3
13 unique J



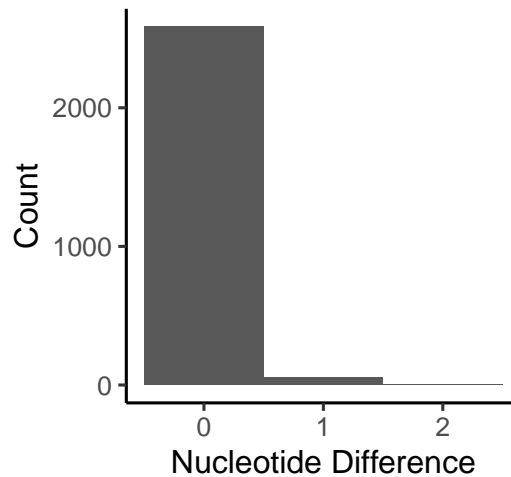
TRBV7-8*ap01

1287 sequences assigned
1273 (98.9%) exact matches, in which:
1245 unique CDR3
13 unique J



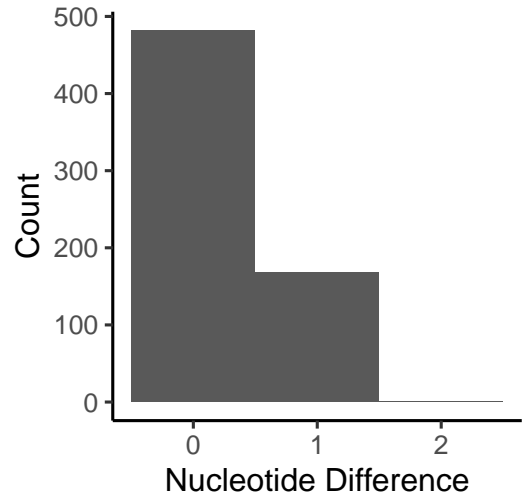
TRBV29-1*ap01

2641 sequences assigned
2585 (97.9%) exact matches, in which:
2474 unique CDR3
13 unique J



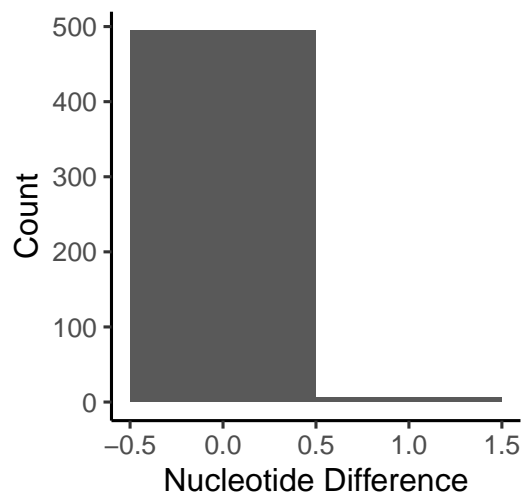
TRBV7-8*ap03

651 sequences assigned
482 (74%) exact matches, in which:
475 unique CDR3
13 unique J



TRBV29-1*ap02

501 sequences assigned
495 (98.8%) exact matches, in which:
469 unique CDR3
13 unique J



TRBV7-7*ap01_C315T

