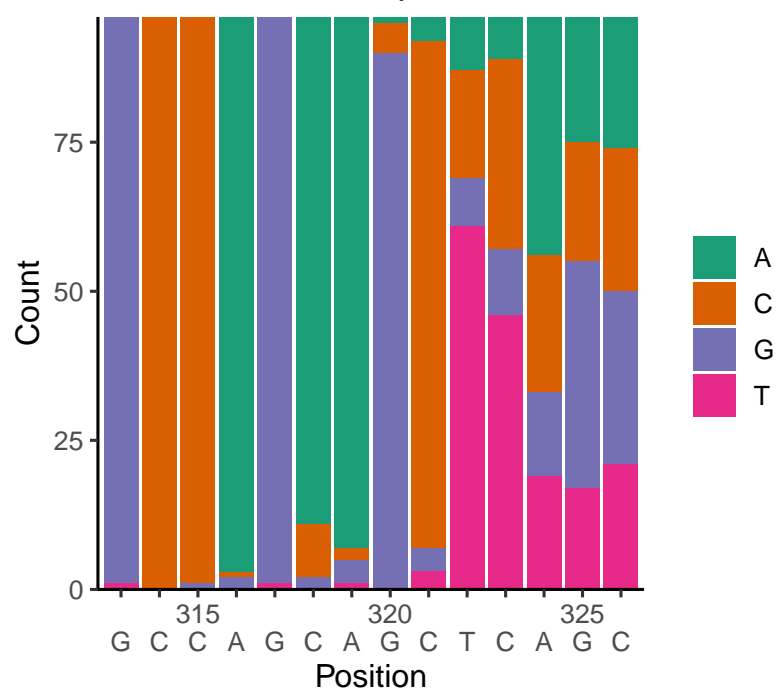
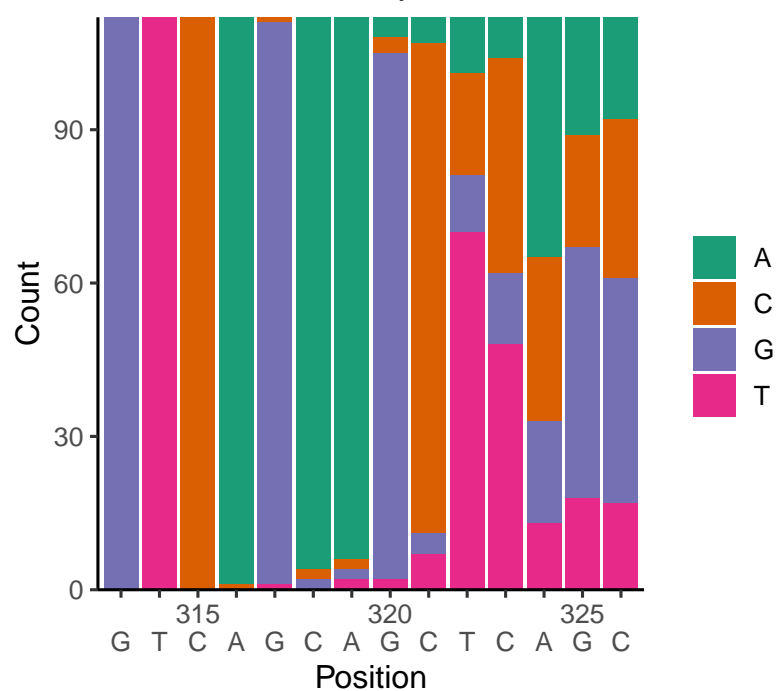


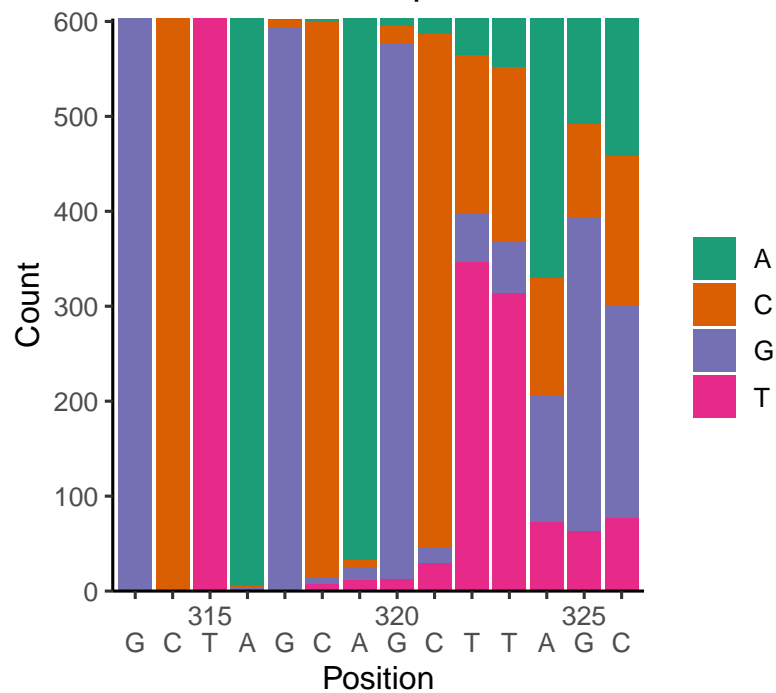
Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-1*ap01_G291C_T296C_C314T



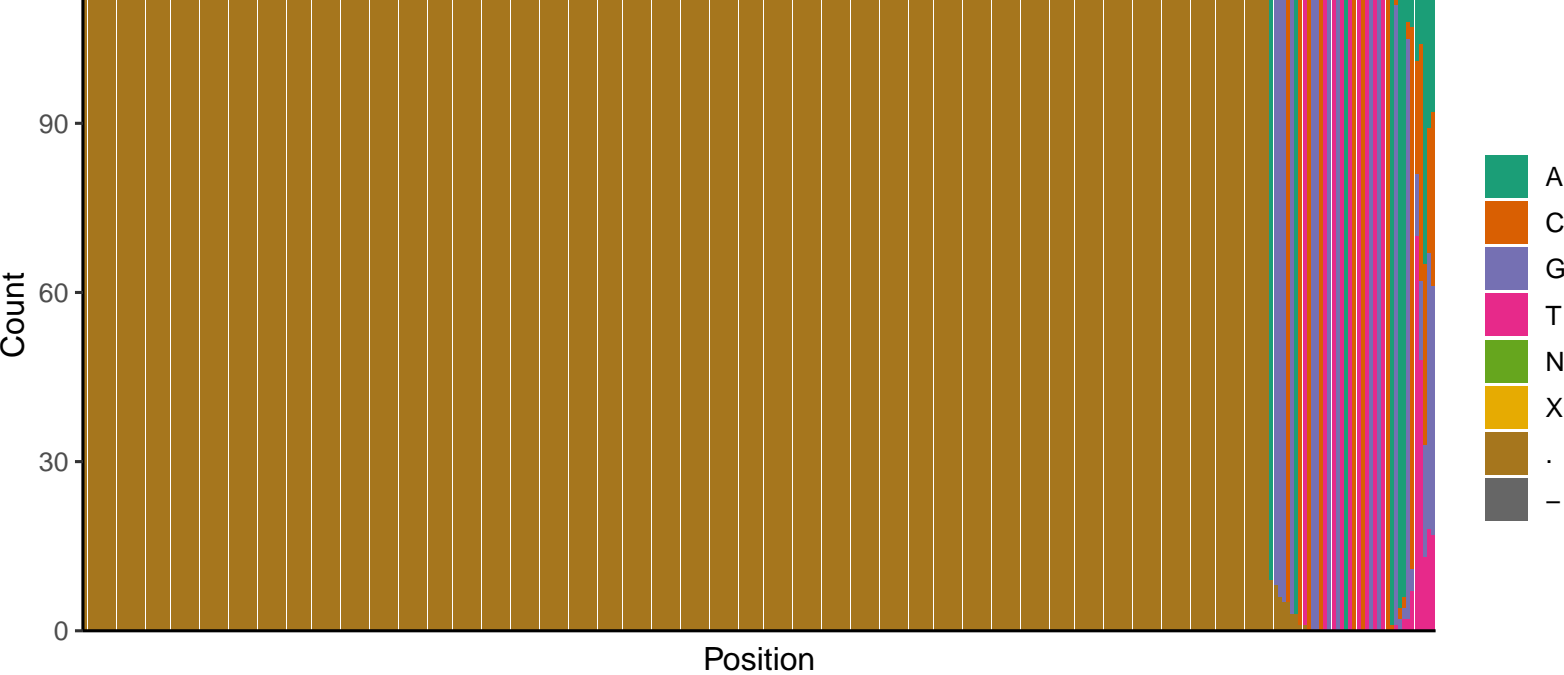
Gene TRBV7-7*ap01_C315T



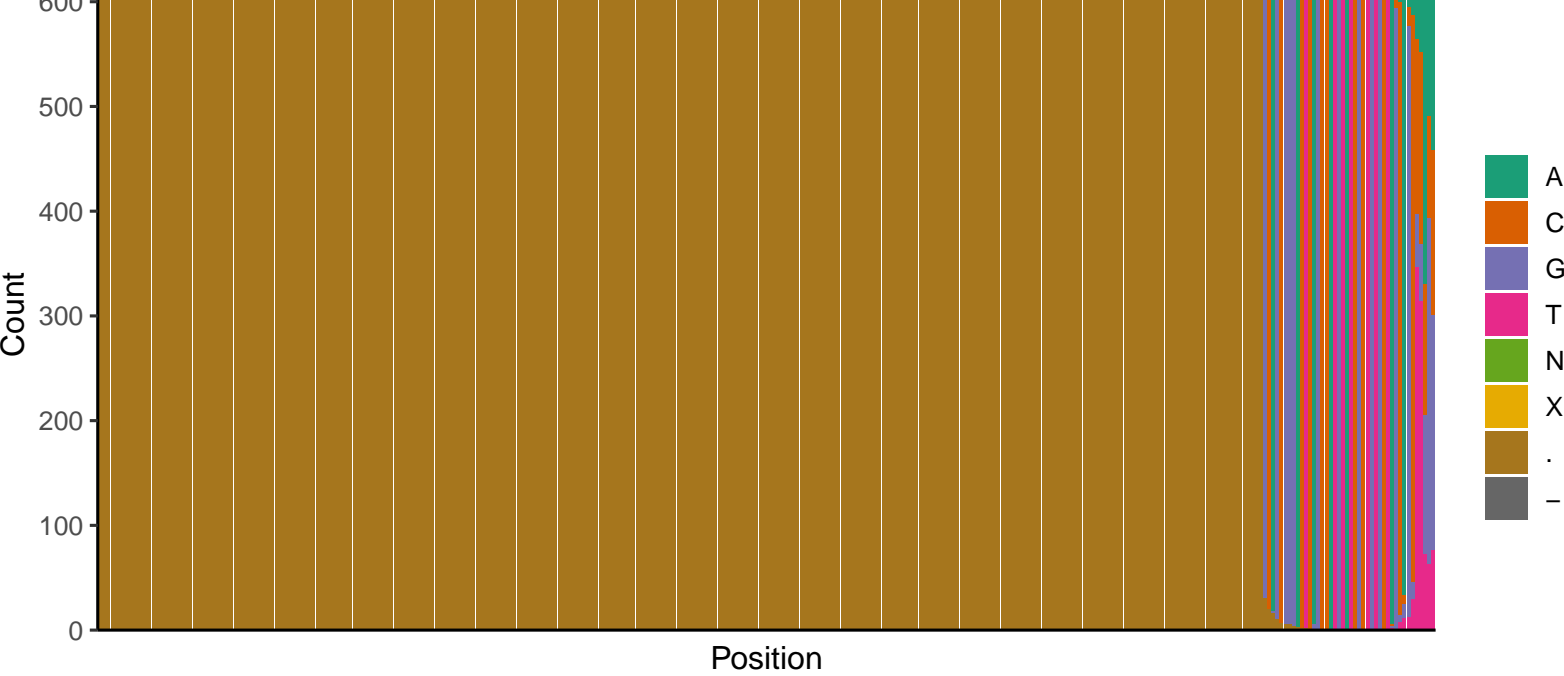
Gene TRBV7-1*ap01_G291C_T296C



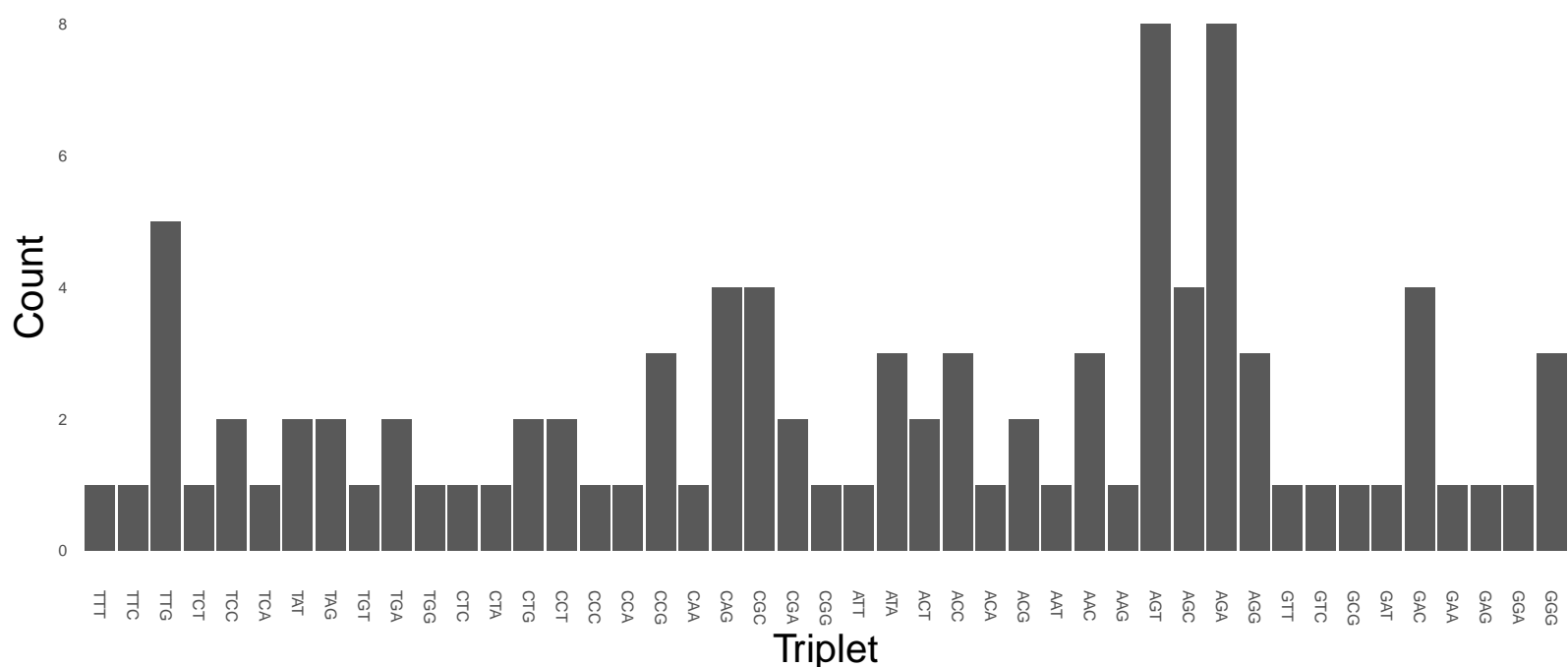
Gene TRBV7-1*ap01_G291C_T296C_C314T



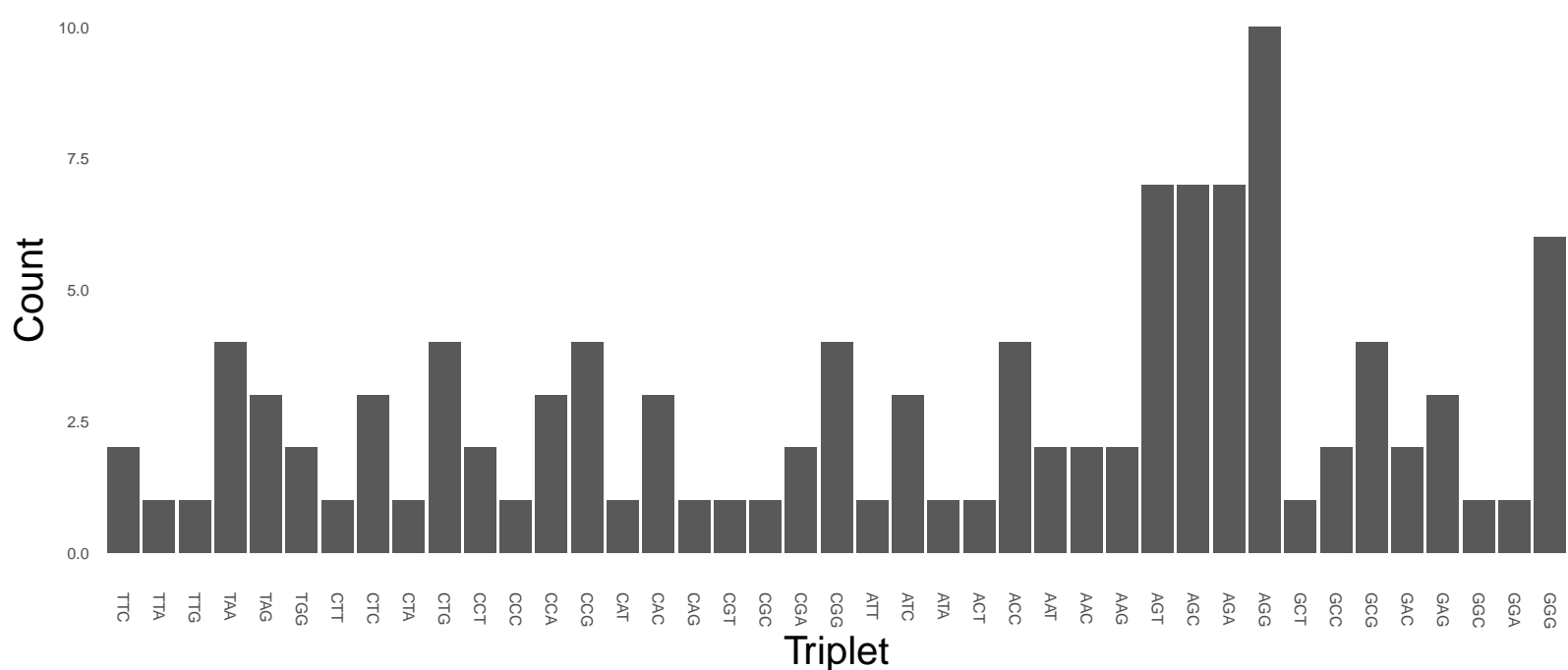
Gene TRBV7-7*ap01_C315T



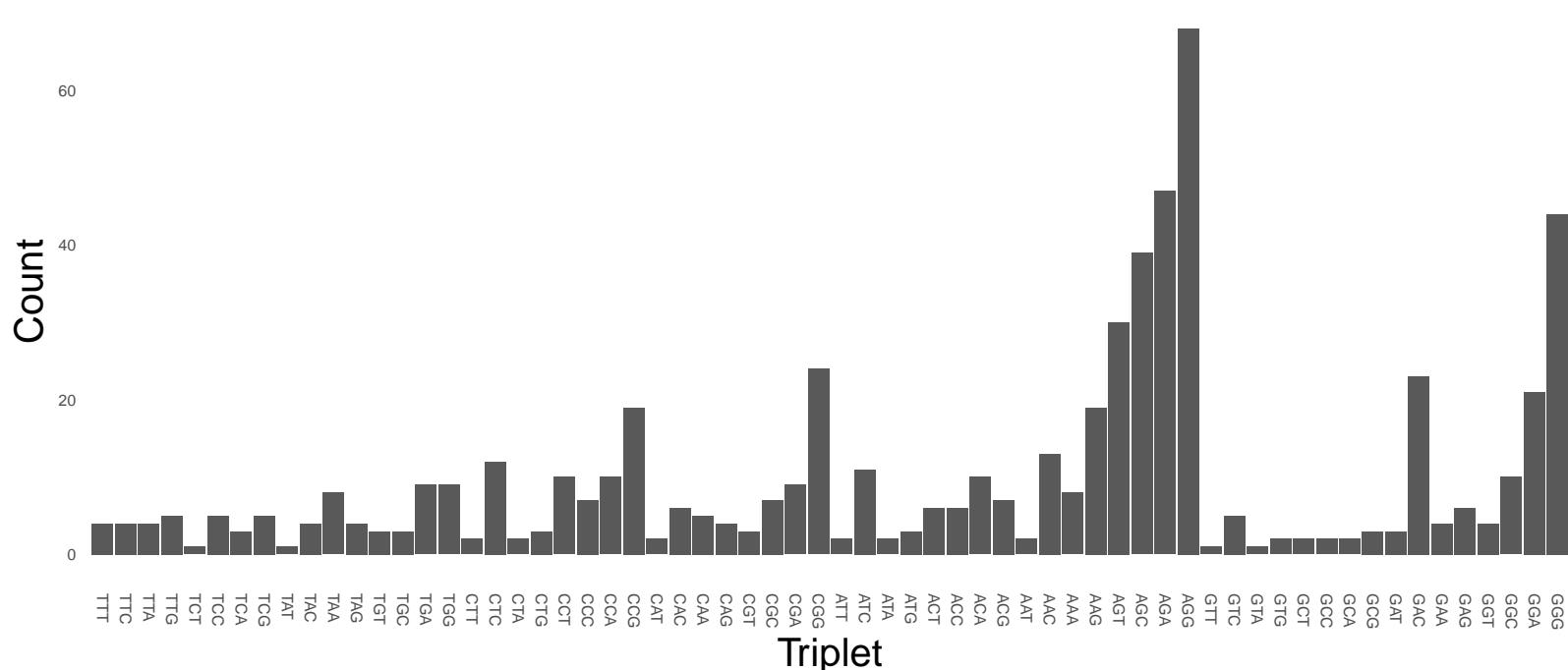
TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



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

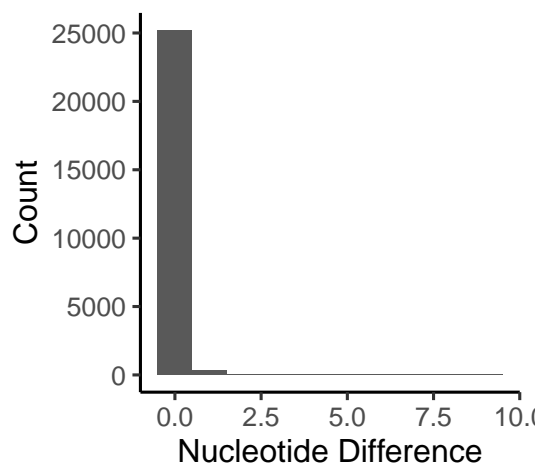


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



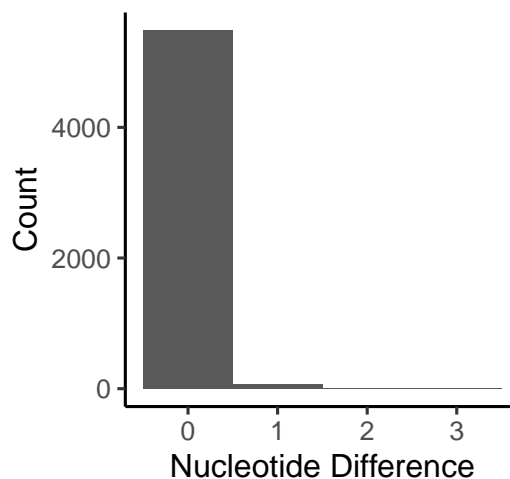
TRBV20-1*ap01

25546 sequences assigned
25207 (98.7%) exact matches, in which:
24792 unique CDR3
13 unique J



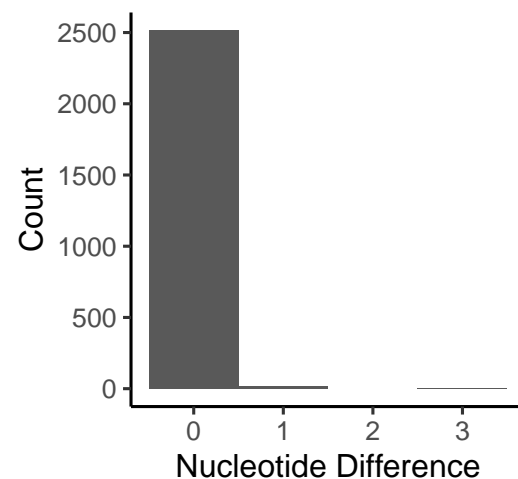
TRBV10-3*ap01

5549 sequences assigned
5484 (98.8%) exact matches, in which:
5384 unique CDR3
13 unique J



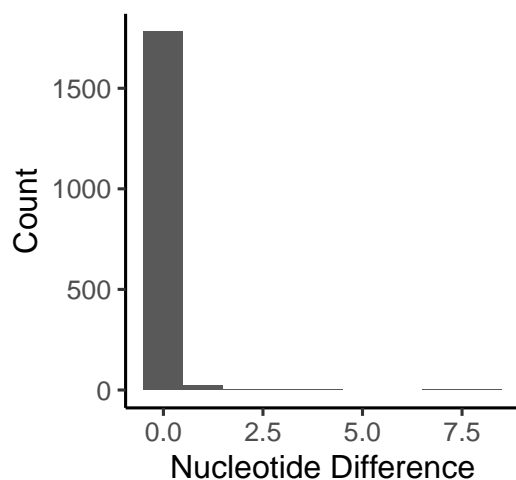
TRBV14*ap01

2533 sequences assigned
2515 (99.3%) exact matches, in which:
2465 unique CDR3
13 unique J



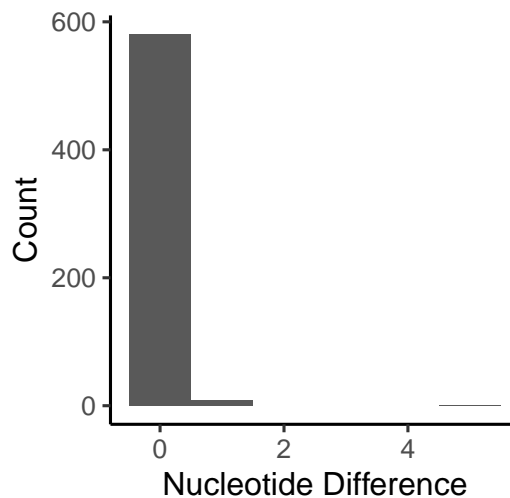
TRBV10-1*ap01

1811 sequences assigned
1781 (98.3%) exact matches, in which:
1747 unique CDR3
13 unique J



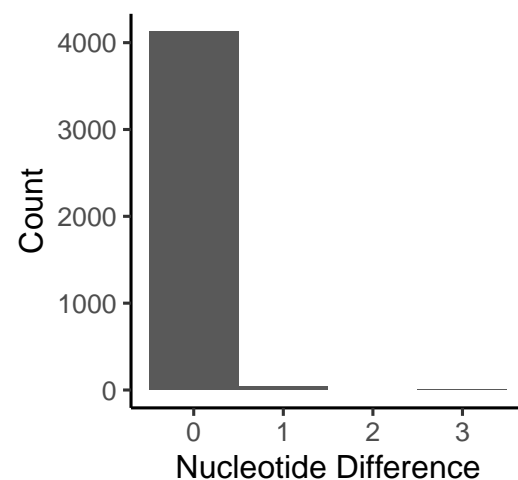
TRBV1*ap01

591 sequences assigned
581 (98.3%) exact matches, in which:
572 unique CDR3
13 unique J



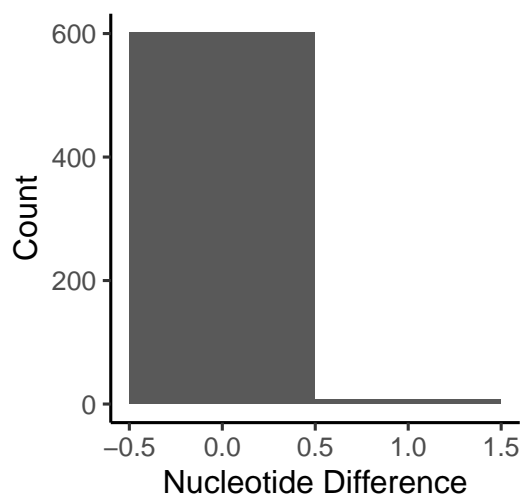
TRBV15*ap02

4168 sequences assigned
4126 (99%) exact matches, in which:
4038 unique CDR3
13 unique J



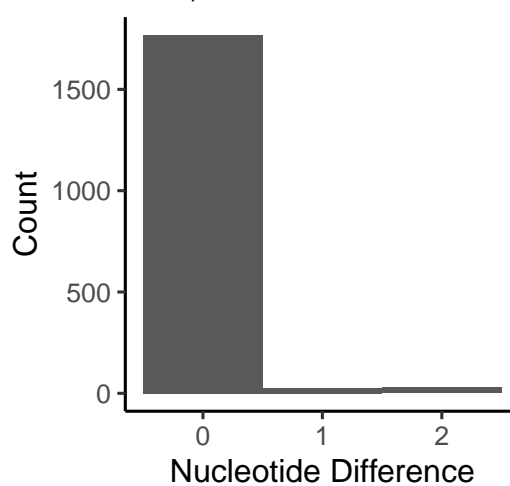
TRBV10-2*ap01

610 sequences assigned
602 (98.7%) exact matches, in which:
585 unique CDR3
13 unique J



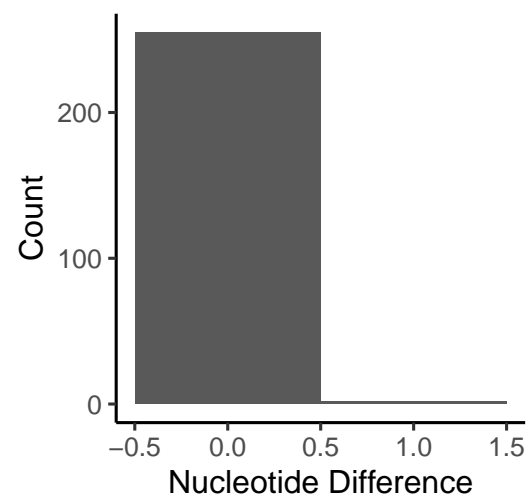
TRBV13*ap01

1823 sequences assigned
1768 (97%) exact matches, in which:
1722 unique CDR3
13 unique J



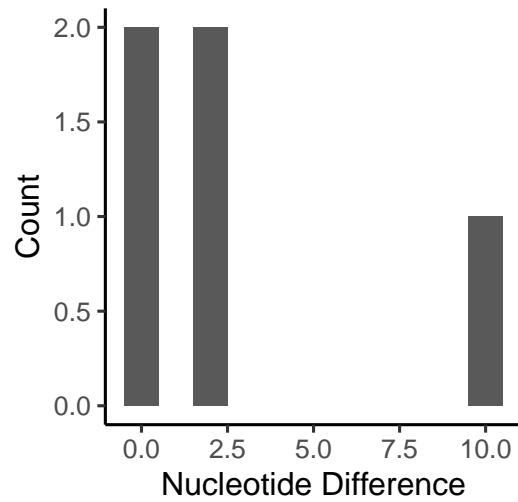
TRBV16*ap01

257 sequences assigned
255 (99.2%) exact matches, in which:
255 unique CDR3
13 unique J



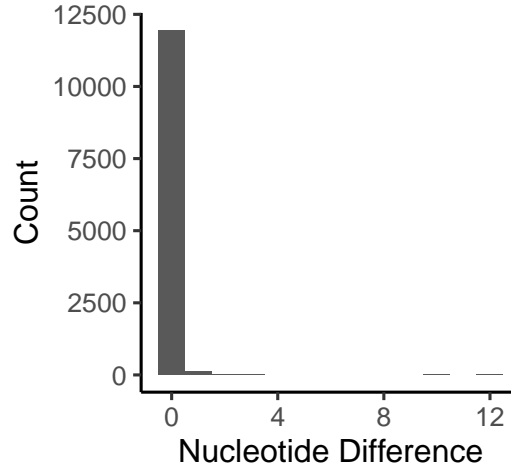
TRBV17*ap01

5 sequences assigned
2 (40%) exact matches, in which:
1 unique CDR3
1 unique J



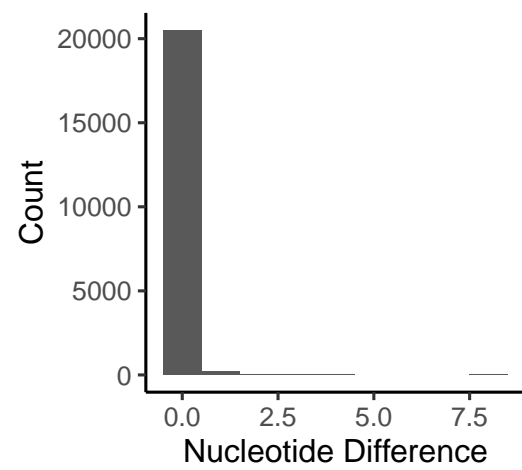
TRBV2*ap01

12068 sequences assigned
11952 (99%) exact matches, in which:
11738 unique CDR3
13 unique J



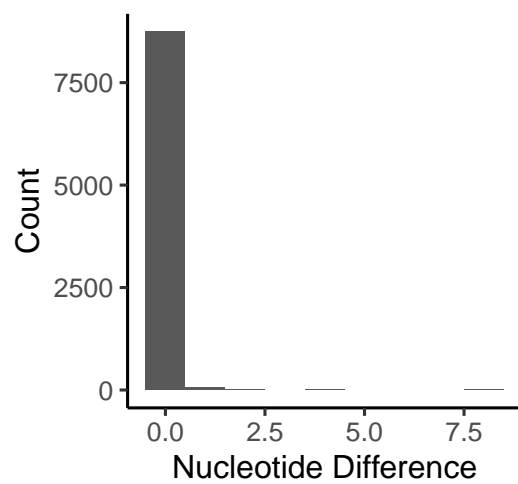
TRBV28*ap01

20701 sequences assigned
20508 (99.1%) exact matches, in which:
20114 unique CDR3
13 unique J



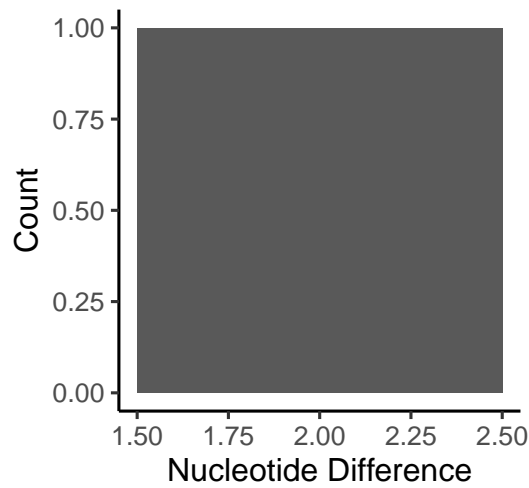
TRBV18*ap01

8798 sequences assigned
8742 (99.4%) exact matches, in which:
8634 unique CDR3
13 unique J



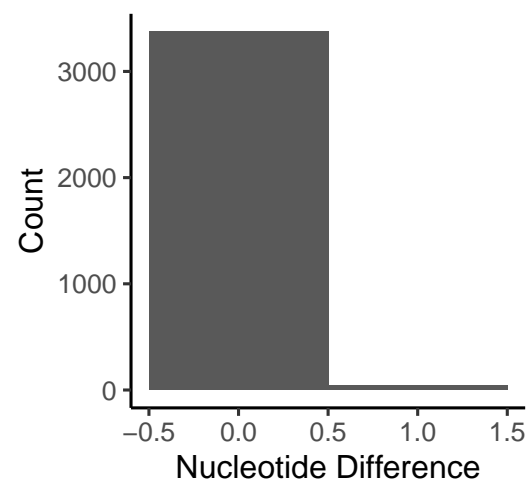
TRBV26*ap01

1 sequences assigned
No exact matches.



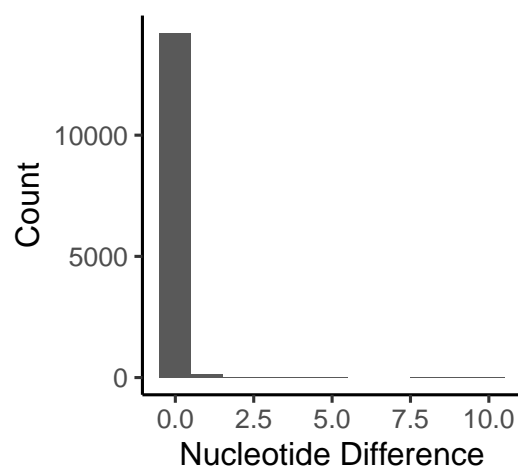
TRBV30*ap01

3416 sequences assigned
3374 (98.8%) exact matches, in which:
3324 unique CDR3
13 unique J



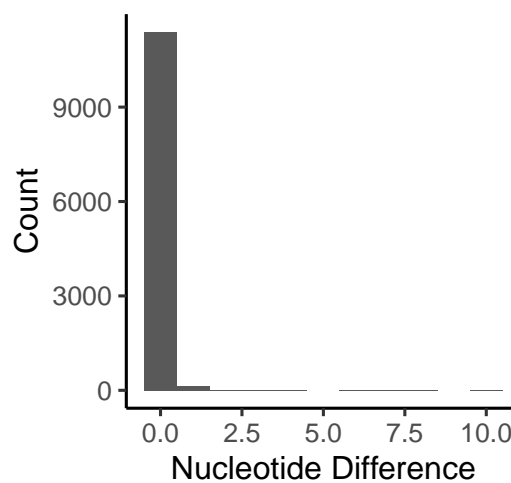
TRBV19*ap01

14391 sequences assigned
14223 (98.8%) exact matches, in which:
14069 unique CDR3
13 unique J



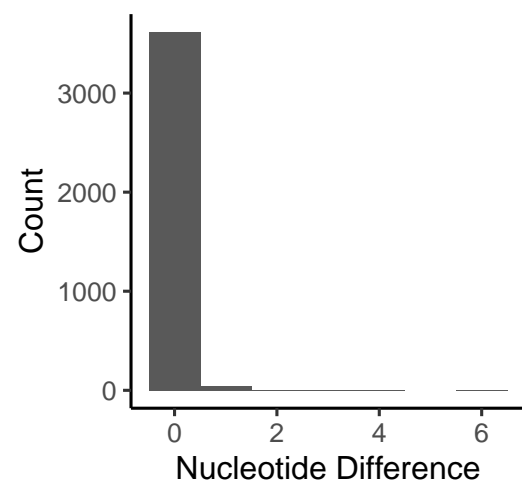
TRBV27*ap01

11535 sequences assigned
11386 (98.7%) exact matches, in which:
11123 unique CDR3
13 unique J



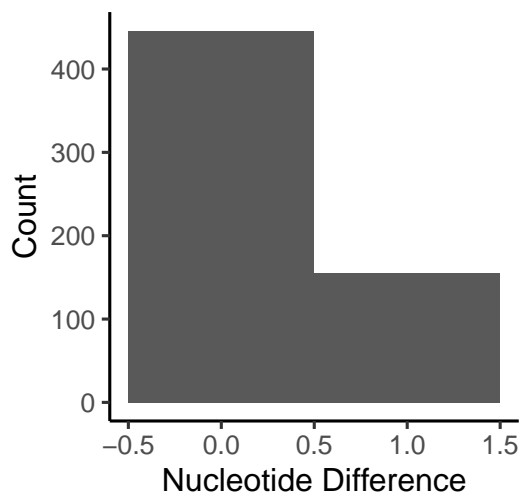
TRBV30*ap02

3671 sequences assigned
3616 (98.5%) exact matches, in which:
3580 unique CDR3
13 unique J



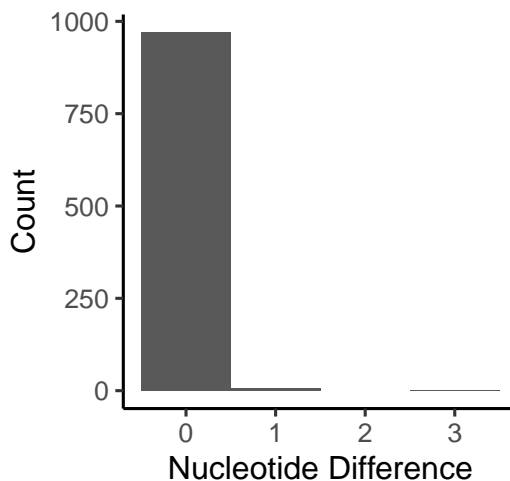
TRBV30*ap03

601 sequences assigned
446 (74.2%) exact matches, in which:
437 unique CDR3
13 unique J



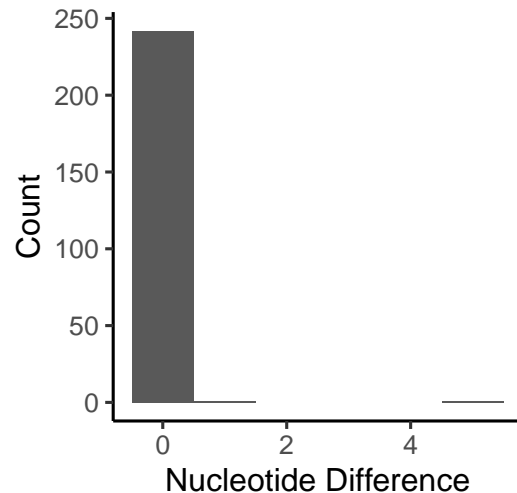
TRBV11-1*ap01

979 sequences assigned
970 (99.1%) exact matches, in which:
938 unique CDR3
13 unique J



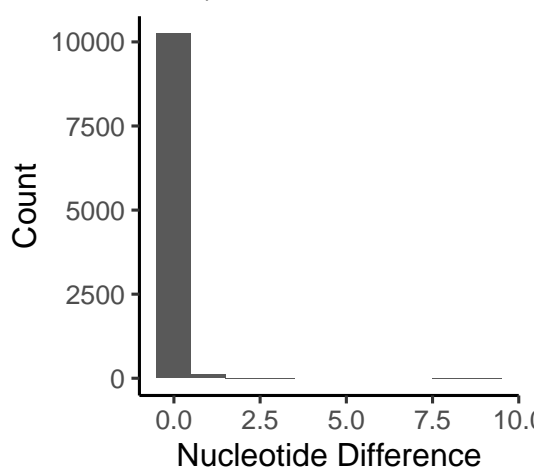
TRBV12-1*ap01

244 sequences assigned
242 (99.2%) exact matches, in which:
239 unique CDR3
13 unique J



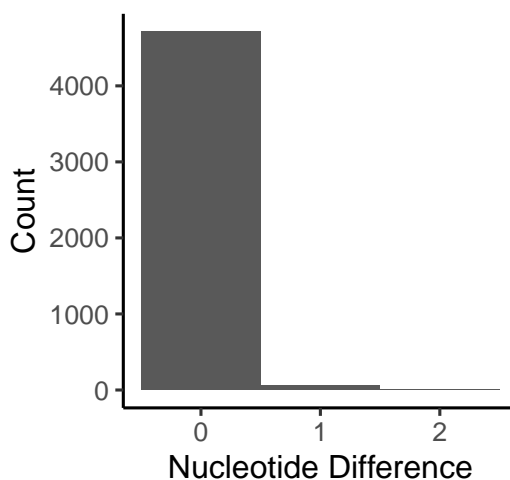
TRBV9*ap01

10375 sequences assigned
10251 (98.8%) exact matches, in which:
10053 unique CDR3
13 unique J



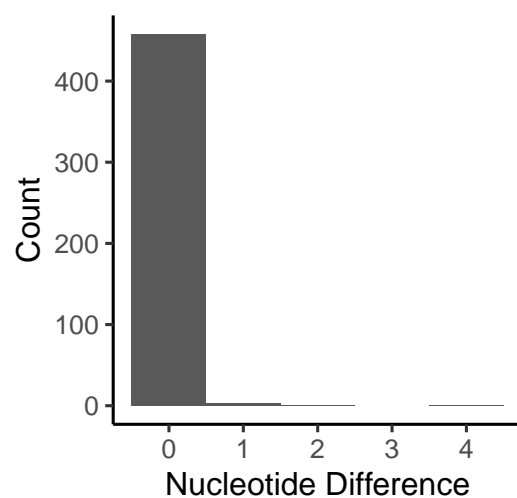
TRBV11-2*ap01

4766 sequences assigned
4712 (98.9%) exact matches, in which:
4628 unique CDR3
13 unique J



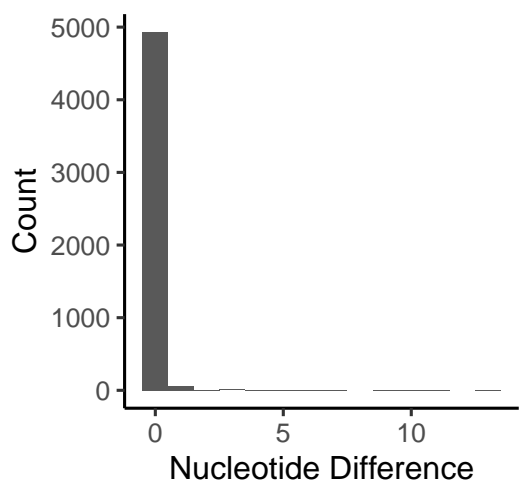
TRBV12-2*ap01

463 sequences assigned
458 (98.9%) exact matches, in which:
446 unique CDR3
13 unique J



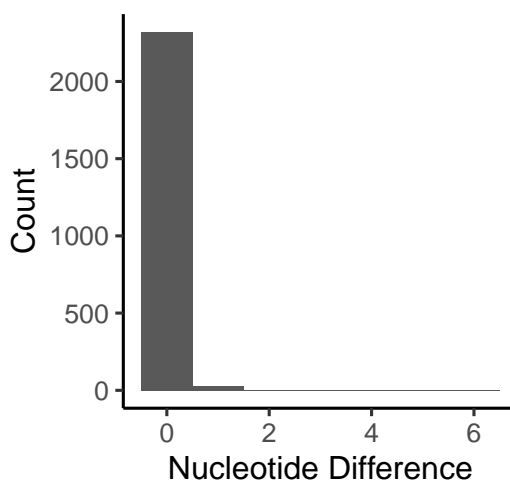
TRBV21-1*ap01

5024 sequences assigned
4932 (98.2%) exact matches, in which:
4863 unique CDR3
13 unique J



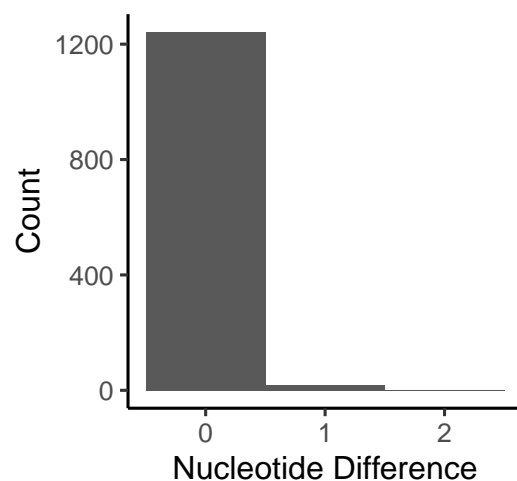
TRBV11-3*ap01

2354 sequences assigned
2320 (98.6%) exact matches, in which:
2283 unique CDR3
13 unique J



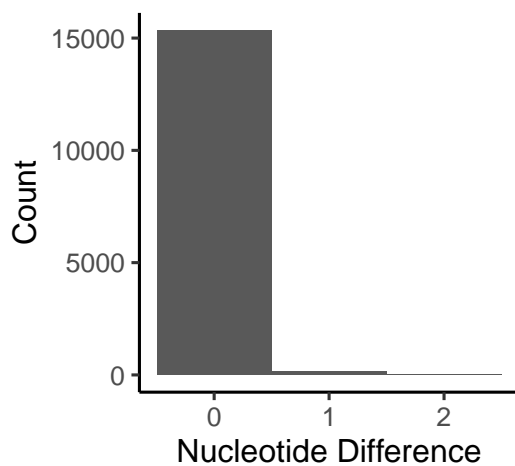
TRBV12-5*ap01

1262 sequences assigned
1242 (98.4%) exact matches, in which:
1212 unique CDR3
13 unique J



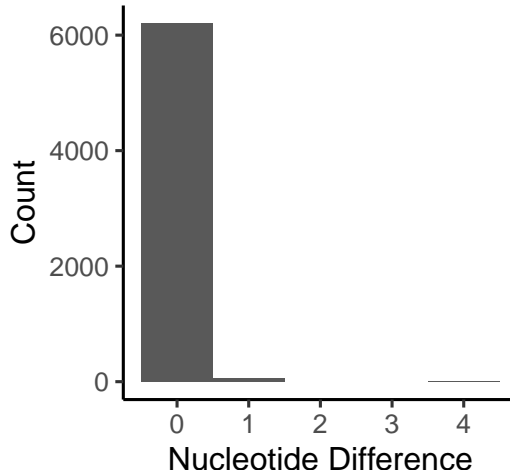
TRBV12-34*ap01

15522 sequences assigned
15353 (98.9%) exact matches, in which:
15066 unique CDR3
13 unique J



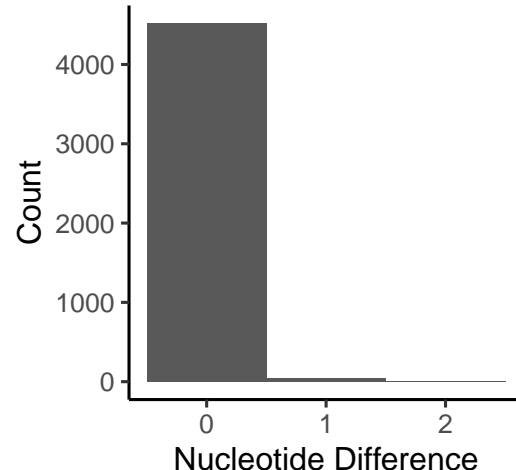
TRBV4-1*ap01

6261 sequences assigned
6203 (99.1%) exact matches, in which:
6079 unique CDR3
13 unique J



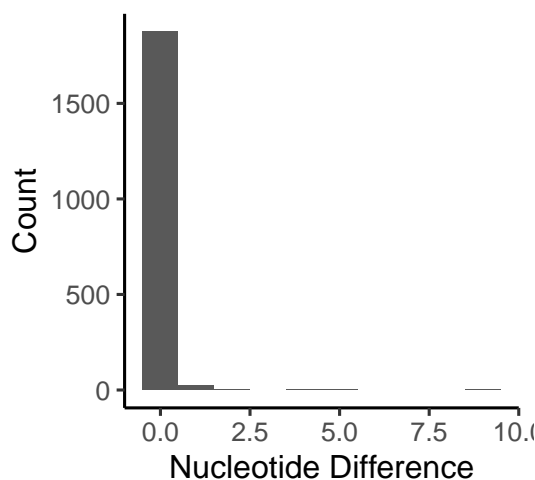
TRBV4-3*ap01

4568 sequences assigned
4518 (98.9%) exact matches, in which:
4418 unique CDR3
13 unique J



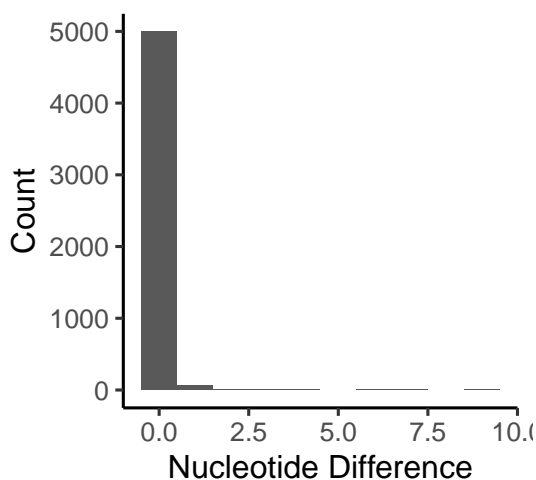
TRBV23-1*ap01

1902 sequences assigned
1875 (98.6%) exact matches, in which:
1838 unique CDR3
13 unique J



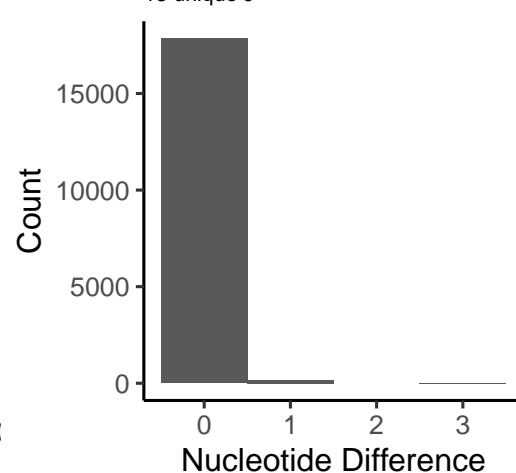
TRBV24-1*ap01

5063 sequences assigned
4995 (98.7%) exact matches, in which:
4928 unique CDR3
13 unique J



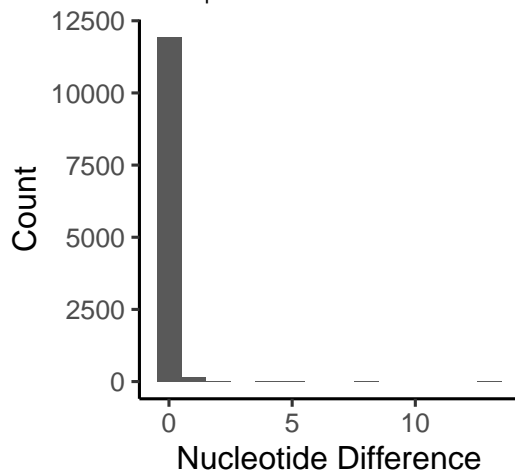
TRBV5-1*ap01

18022 sequences assigned
17848 (99%) exact matches, in which:
17431 unique CDR3
13 unique J



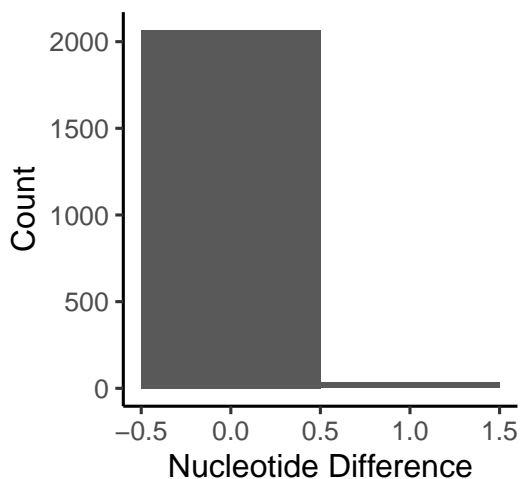
TRBV3-12*ap01

12103 sequences assigned
11945 (98.7%) exact matches, in which:
11741 unique CDR3
13 unique J



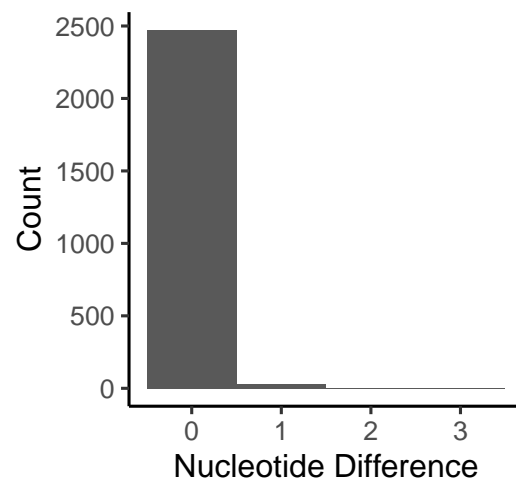
TRBV4-2*ap01

2101 sequences assigned
2067 (98.4%) exact matches, in which:
2030 unique CDR3
13 unique J



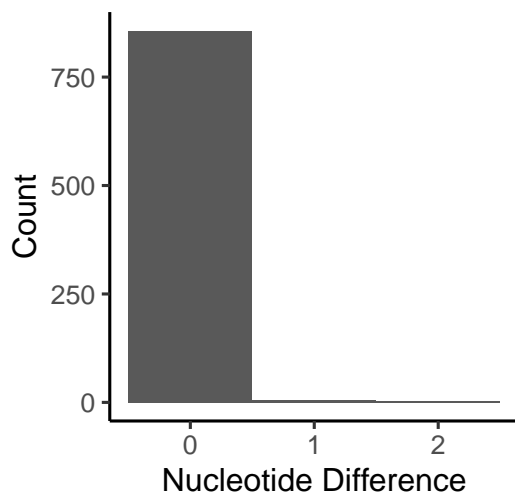
TRBV25-1*ap01

2506 sequences assigned
2472 (98.6%) exact matches, in which:
2438 unique CDR3
13 unique J



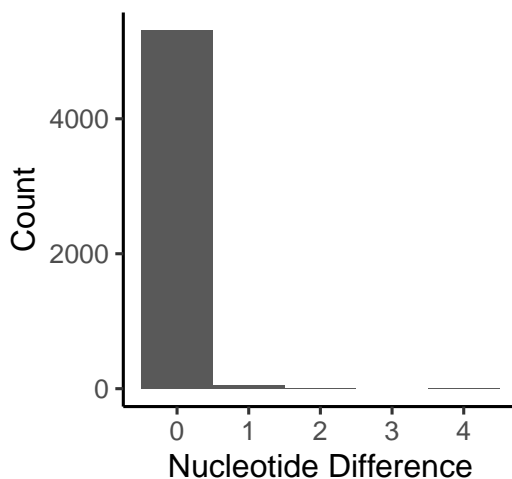
TRBV5-3*ap01

865 sequences assigned
857 (99.1%) exact matches, in which:
838 unique CDR3
13 unique J



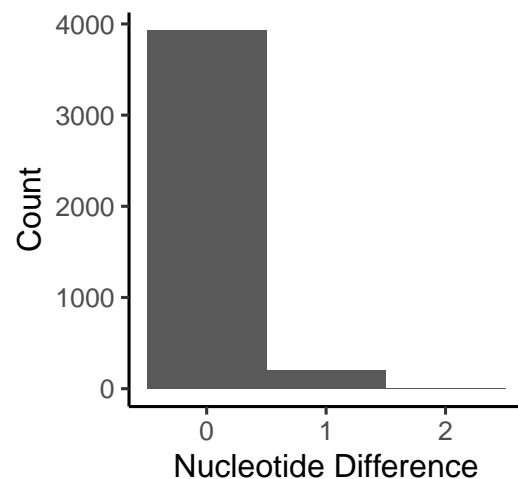
TRBV5-6*ap01

5365 sequences assigned
5310 (99%) exact matches, in which:
5215 unique CDR3
13 unique J



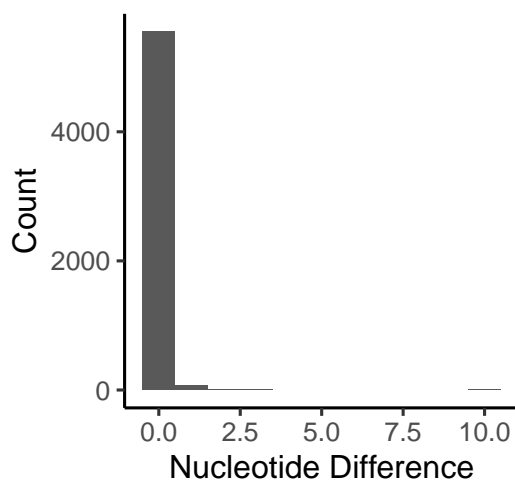
TRBV6-1*ap01

4136 sequences assigned
3929 (95%) exact matches, in which:
3843 unique CDR3
13 unique J



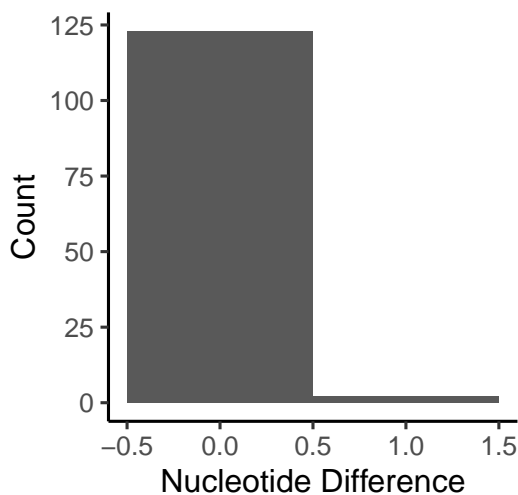
TRBV5-4*ap01

5620 sequences assigned
5550 (98.8%) exact matches, in which:
5443 unique CDR3
13 unique J



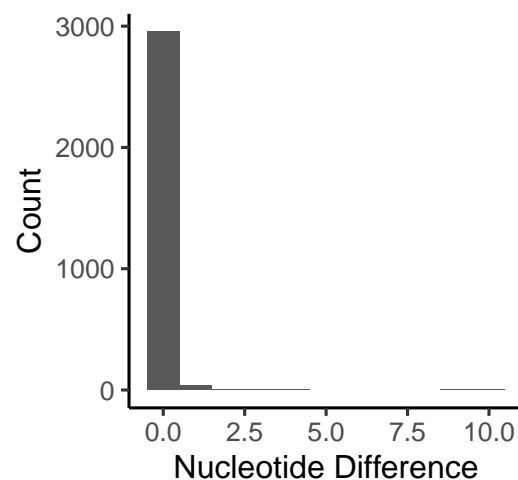
TRBV5-7*ap01

125 sequences assigned
123 (98.4%) exact matches, in which:
121 unique CDR3
13 unique J



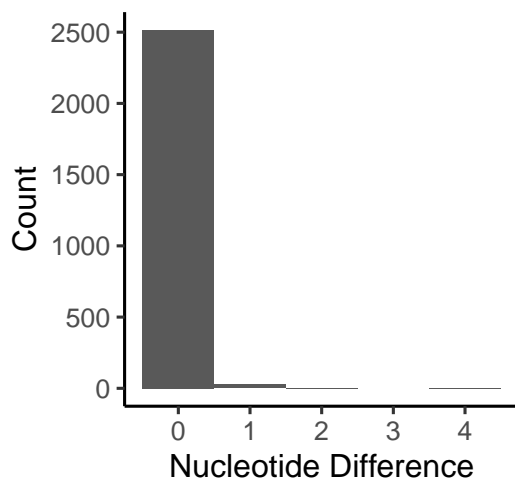
TRBV6-4*ap01

3002 sequences assigned
2954 (98.4%) exact matches, in which:
2912 unique CDR3
13 unique J



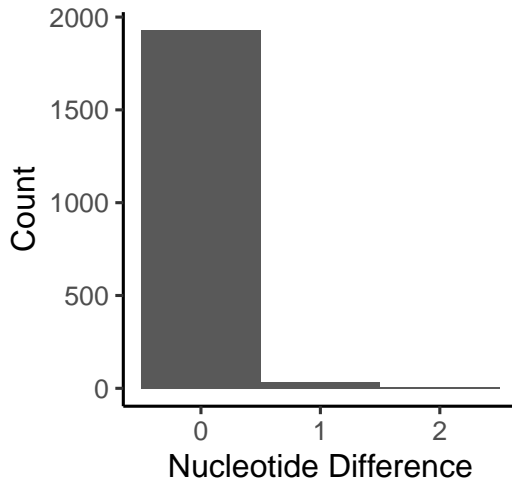
TRBV5-5*ap01

2544 sequences assigned
2515 (98.9%) exact matches, in which:
2477 unique CDR3
13 unique J



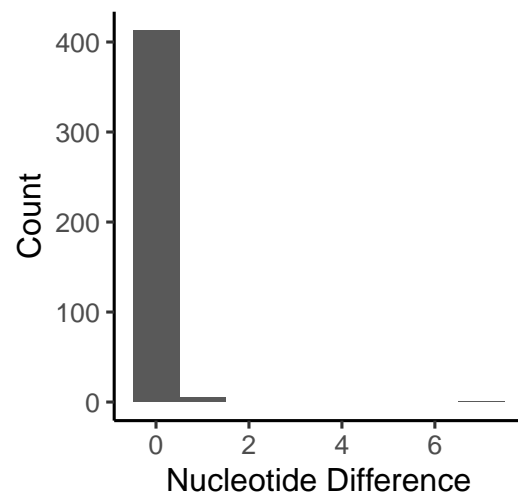
TRBV5-8*ap01

1970 sequences assigned
1930 (98%) exact matches, in which:
1886 unique CDR3
13 unique J



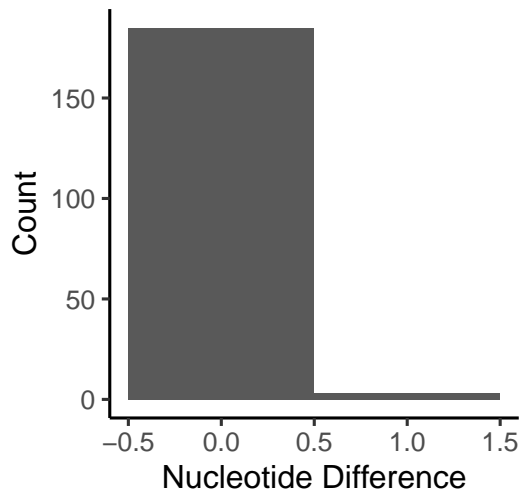
TRBV6-7*ap01

419 sequences assigned
413 (98.6%) exact matches, in which:
405 unique CDR3
13 unique J



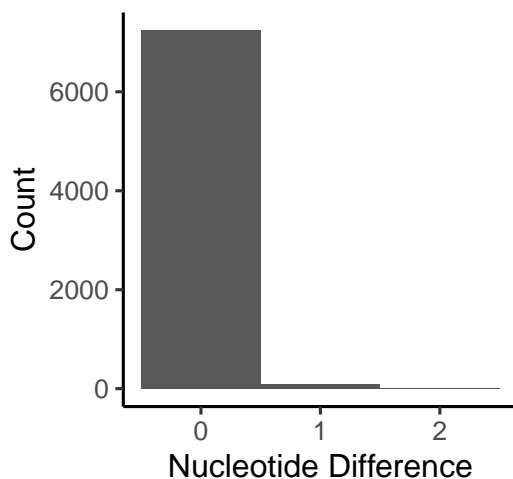
TRBV6–8*ap01

188 sequences assigned
185 (98.4%) exact matches, in which:
179 unique CDR3
13 unique J



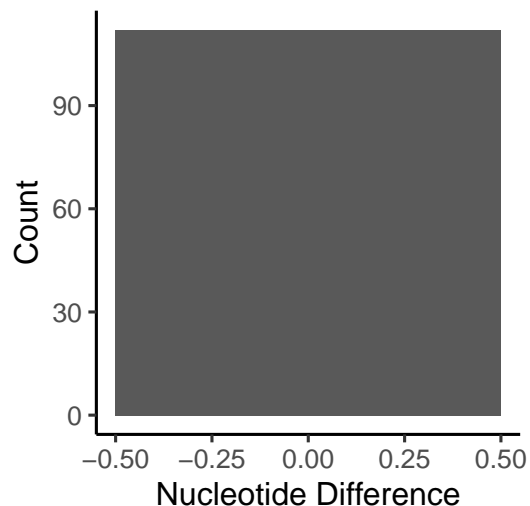
TRBV6–56*ap01

7343 sequences assigned
7241 (98.6%) exact matches, in which:
7098 unique CDR3
13 unique J



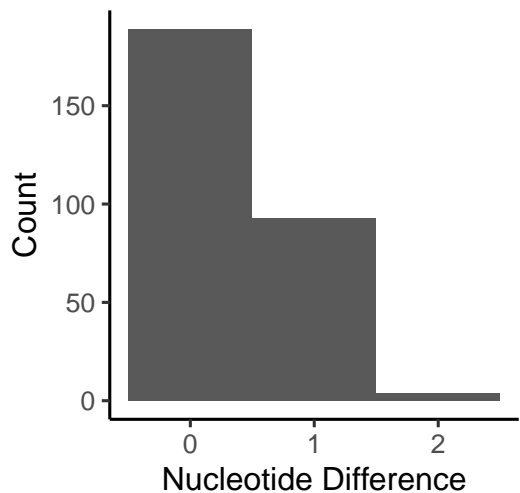
TRBV7–1*ap01_G291C_T

112 sequences assigned
112 (100%) exact matches, in which:
110 unique CDR3
12 unique J



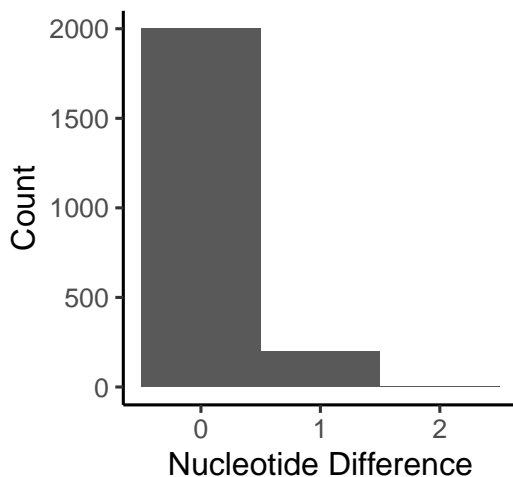
TRBV6–9*ap01

286 sequences assigned
189 (66.1%) exact matches, in which:
187 unique CDR3
13 unique J



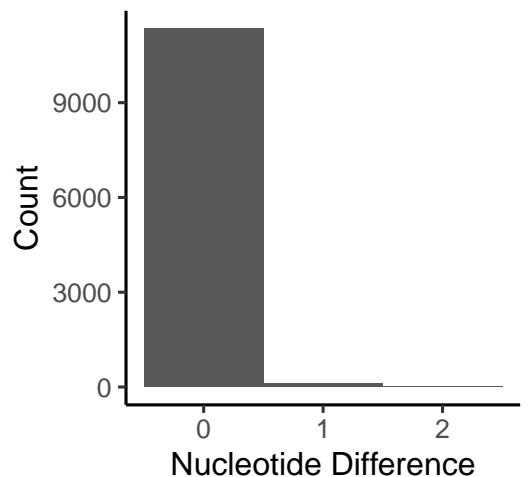
TRBV6–56*ap02

2204 sequences assigned
2000 (90.7%) exact matches, in which:
1957 unique CDR3
13 unique J



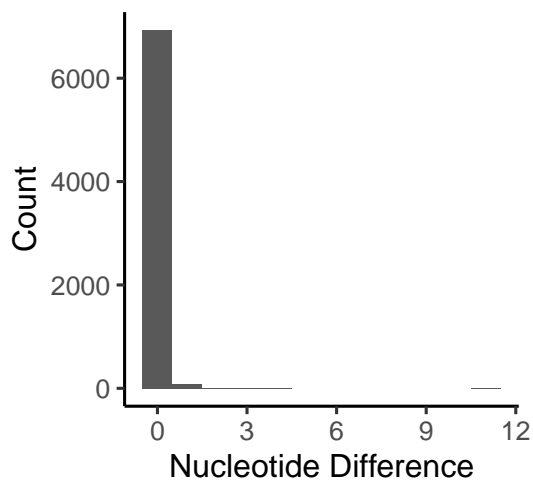
TRBV7–2*ap01

11441 sequences assigned
11341 (99.1%) exact matches, in which:
11125 unique CDR3
13 unique J



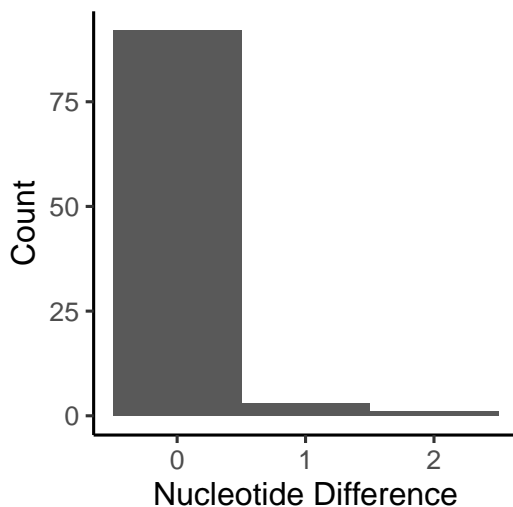
TRBV6–23*ap01

7019 sequences assigned
6932 (98.8%) exact matches, in which:
6789 unique CDR3
13 unique J



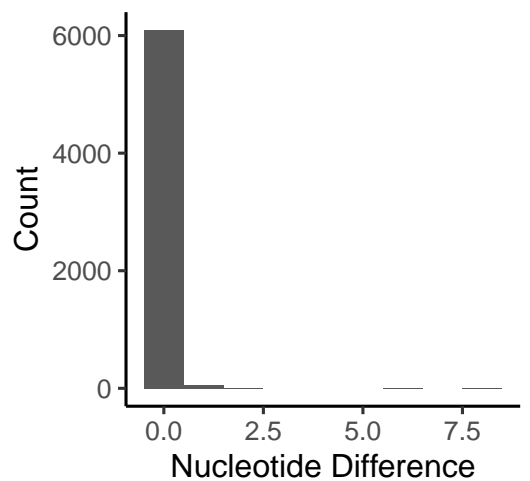
TRBV7–1*ap01_G291C_T

96 sequences assigned
92 (95.8%) exact matches, in which:
91 unique CDR3
11 unique J



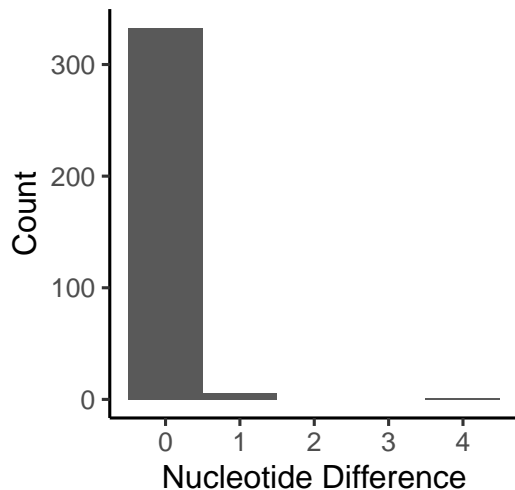
TRBV7–3*ap01

6160 sequences assigned
6094 (98.9%) exact matches, in which:
6017 unique CDR3
13 unique J



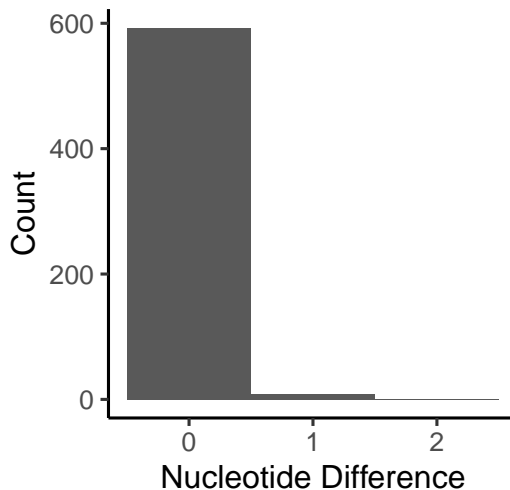
TRBV7-4*ap01

340 sequences assigned
333 (97.9%) exact matches, in which:
323 unique CDR3
13 unique J



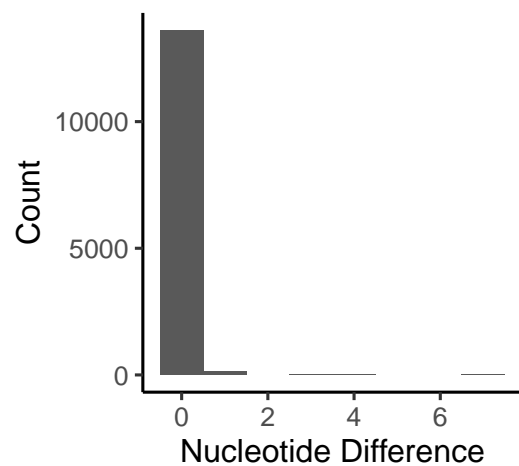
TRBV7-7*ap01_C315T

603 sequences assigned
593 (98.3%) exact matches, in which:
585 unique CDR3
13 unique J



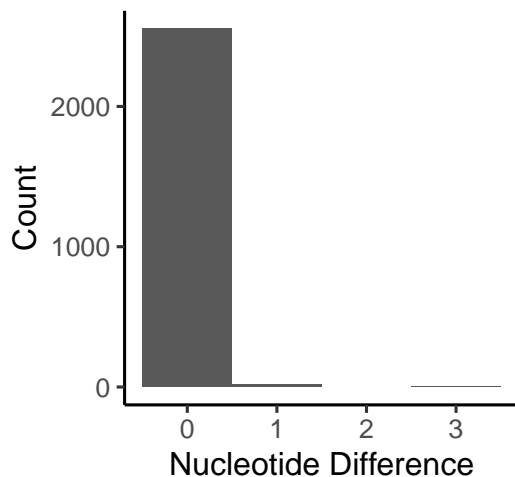
TRBV7-9*ap01

13745 sequences assigned
13611 (99%) exact matches, in which:
13413 unique CDR3
13 unique J



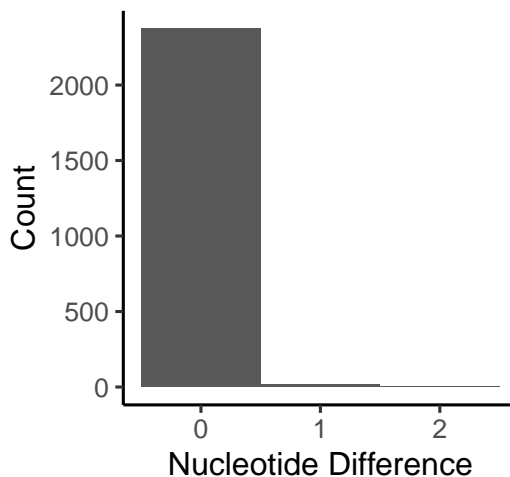
TRBV7-6*ap01

2574 sequences assigned
2554 (99.2%) exact matches, in which:
2513 unique CDR3
13 unique J



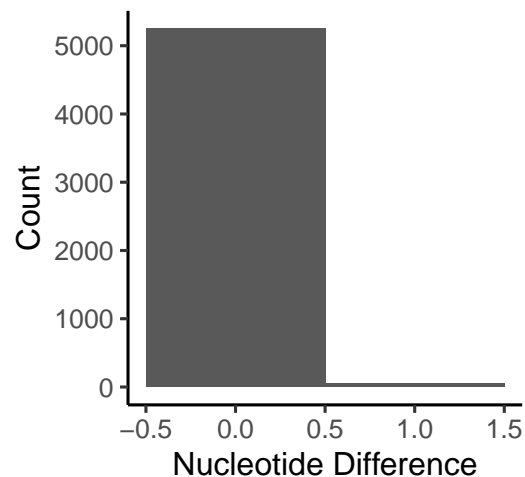
TRBV7-8*ap01

2393 sequences assigned
2373 (99.2%) exact matches, in which:
2328 unique CDR3
13 unique J



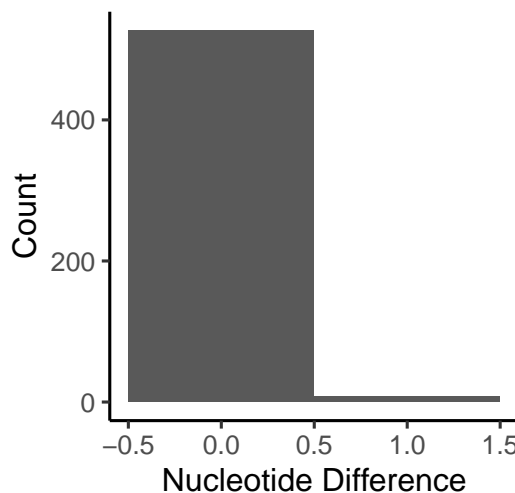
TRBV29-1*ap01

5300 sequences assigned
5249 (99%) exact matches, in which:
5160 unique CDR3
13 unique J



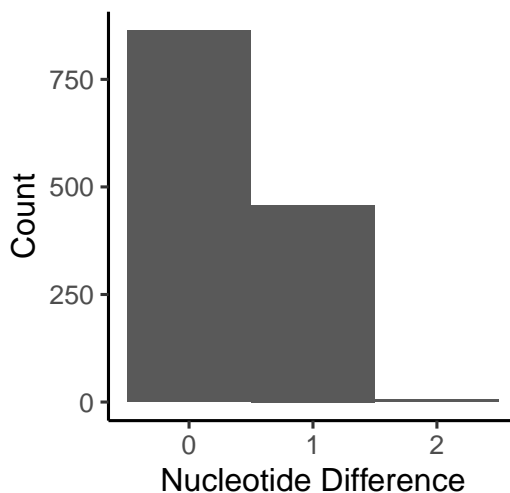
TRBV7-7*ap01

535 sequences assigned
527 (98.5%) exact matches, in which:
522 unique CDR3
13 unique J



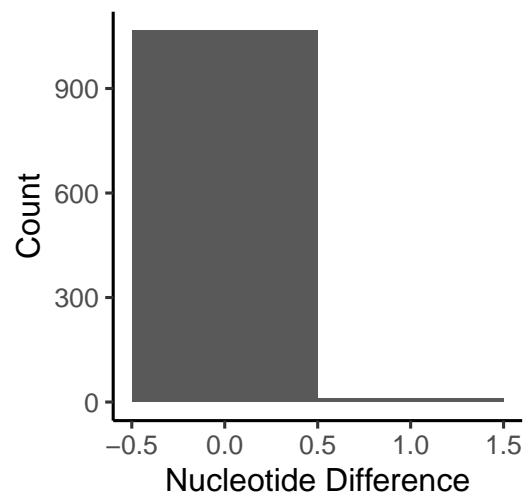
TRBV7-8*ap03

1327 sequences assigned
864 (65.1%) exact matches, in which:
844 unique CDR3
13 unique J

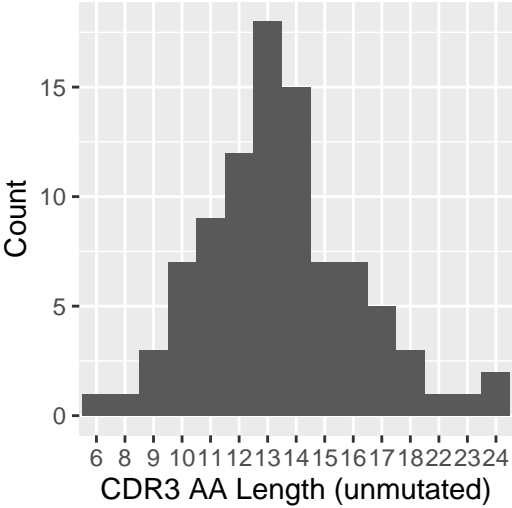


TRBV29-1*ap02

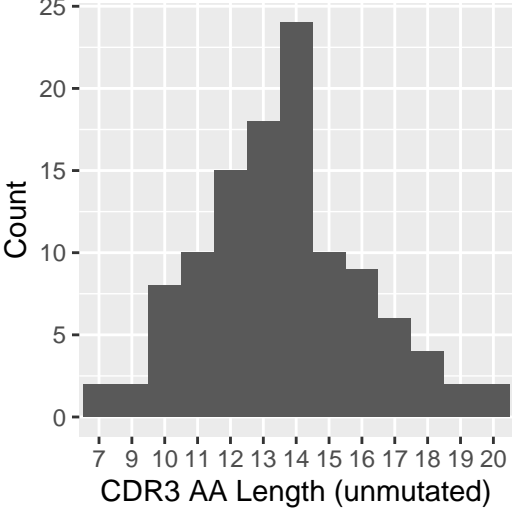
1077 sequences assigned
1067 (99.1%) exact matches, in which:
1056 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-7*ap01_C315T

