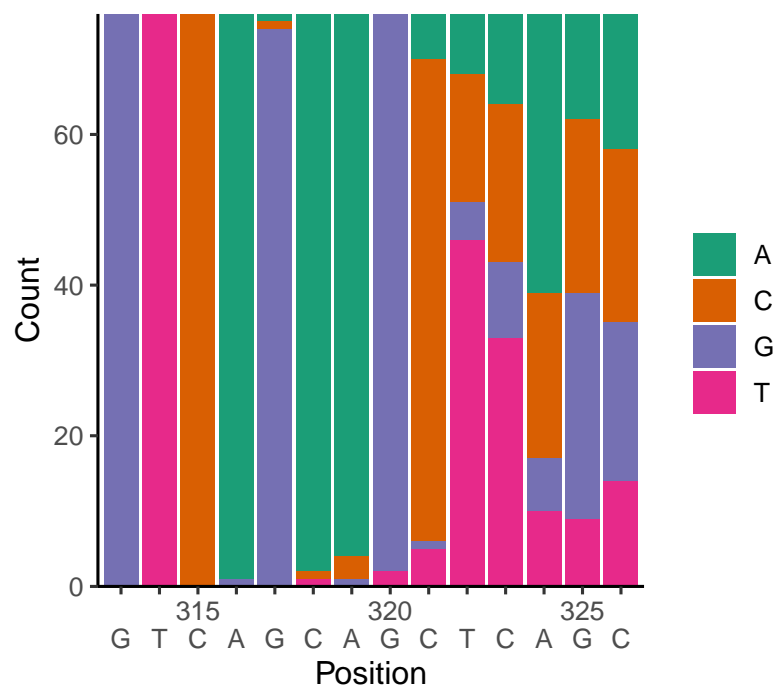
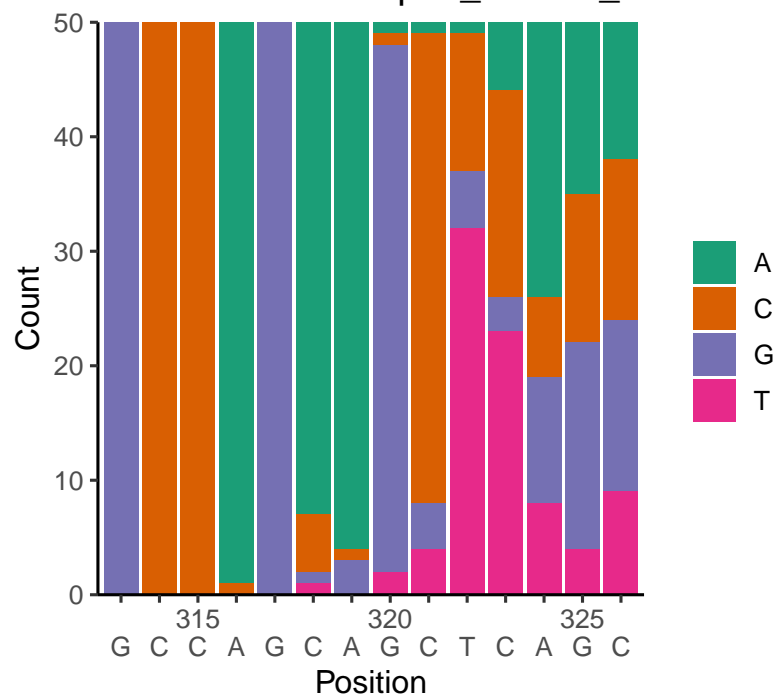


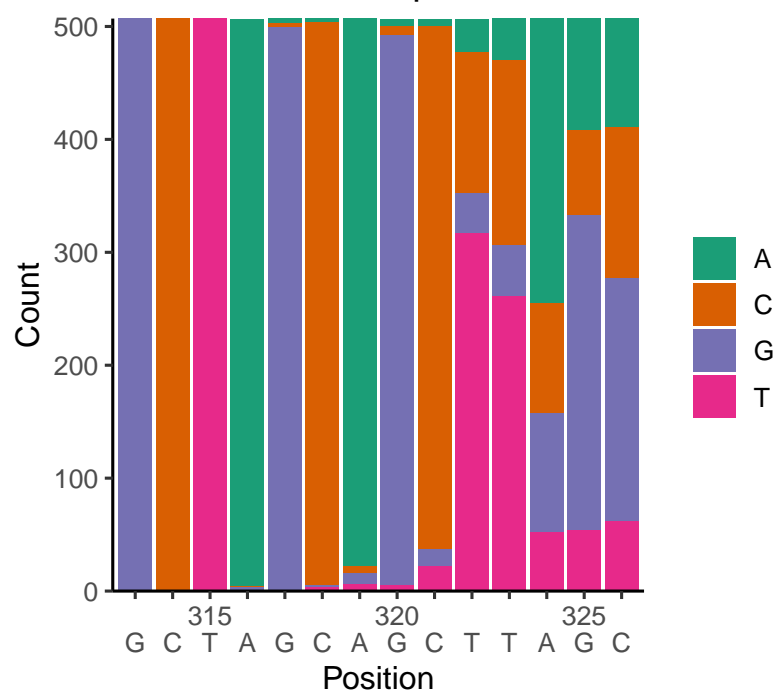
Gene TRBV7-1*ap01_G291C_T296C_C314T



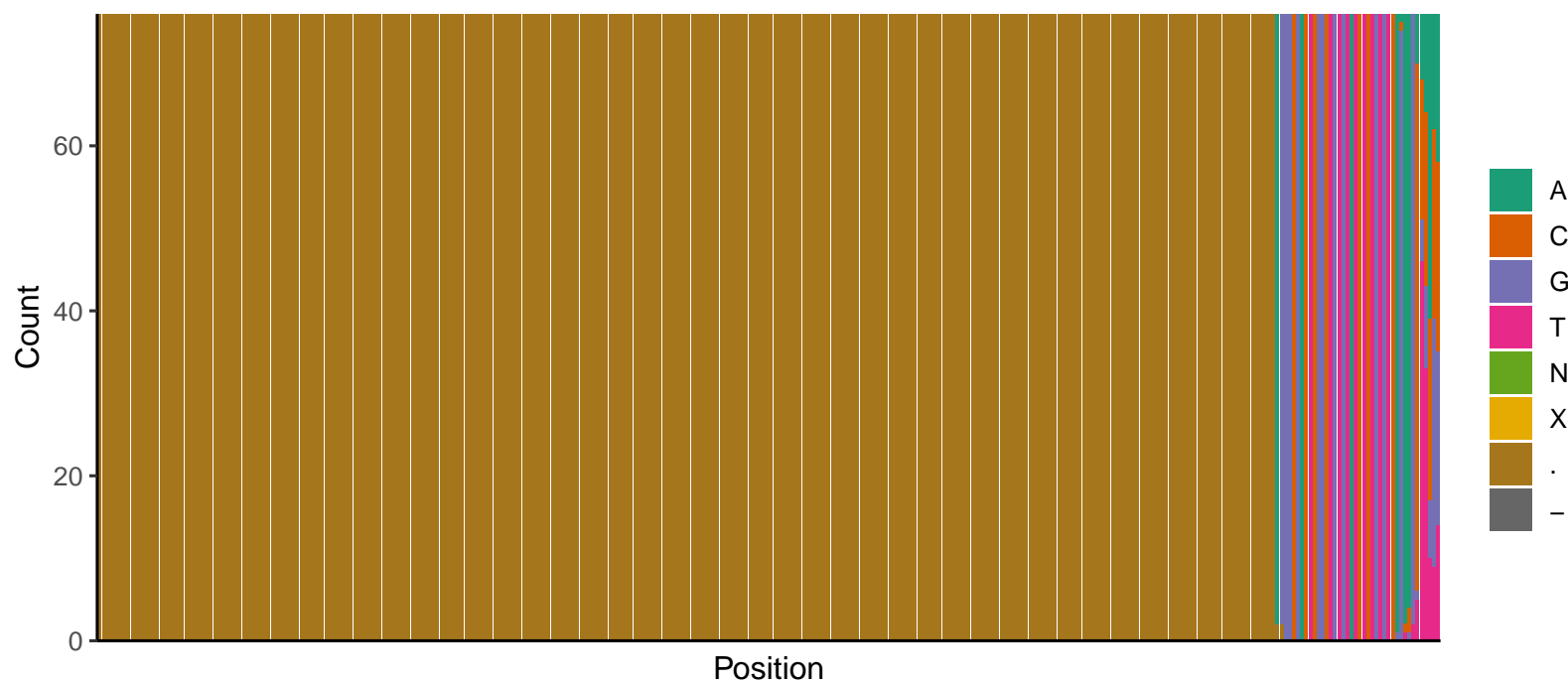
Gene TRBV7-1*ap01_G291C_T296C



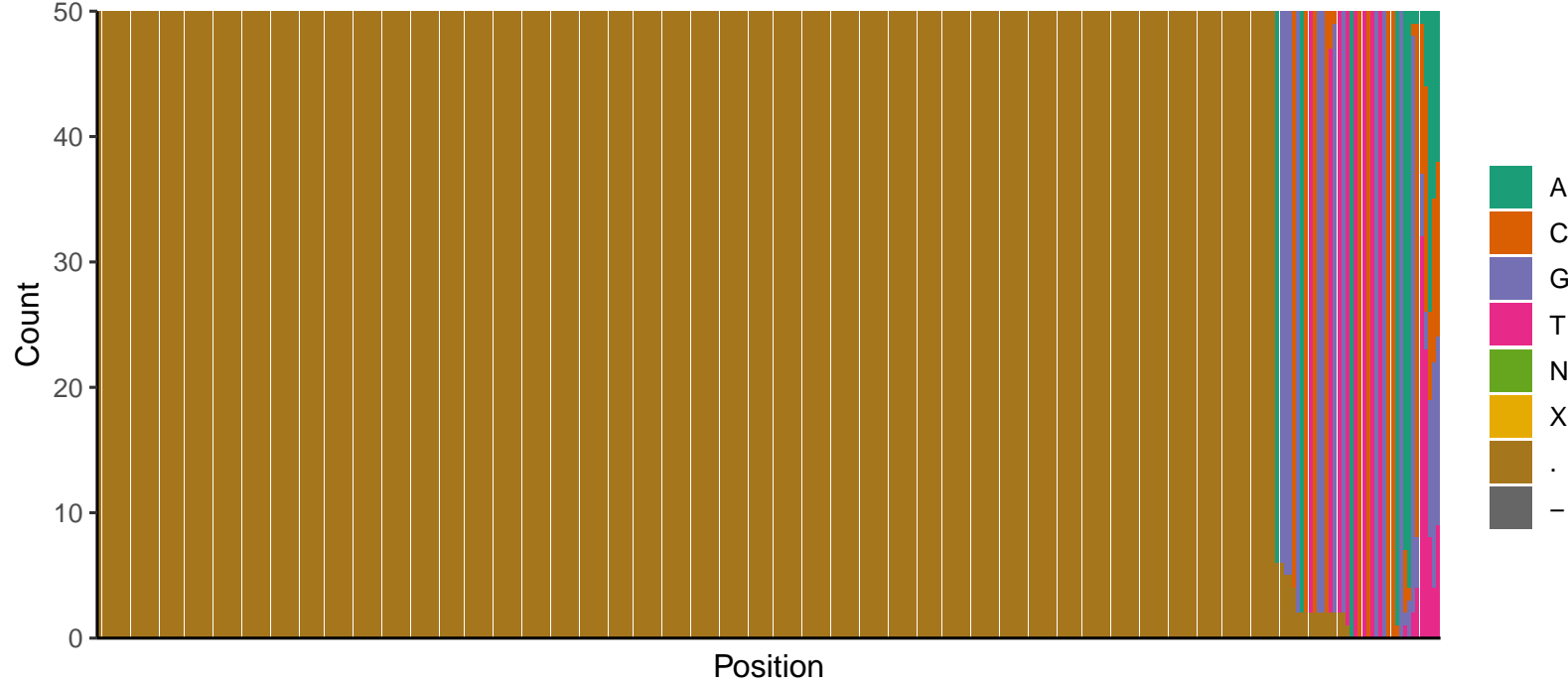
Gene TRBV7-7*ap01_C315T



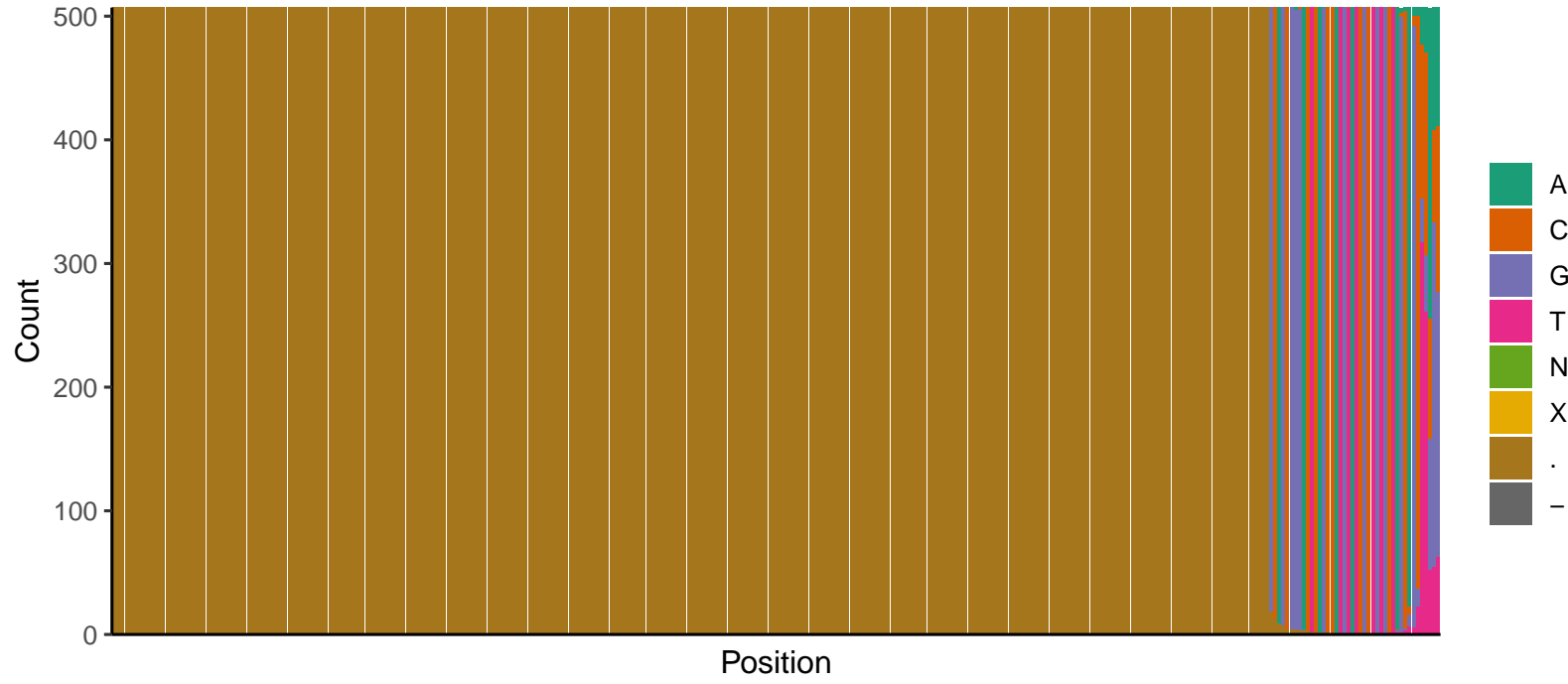
Gene TRBV7-1*ap01_G291C_T296C_C314T



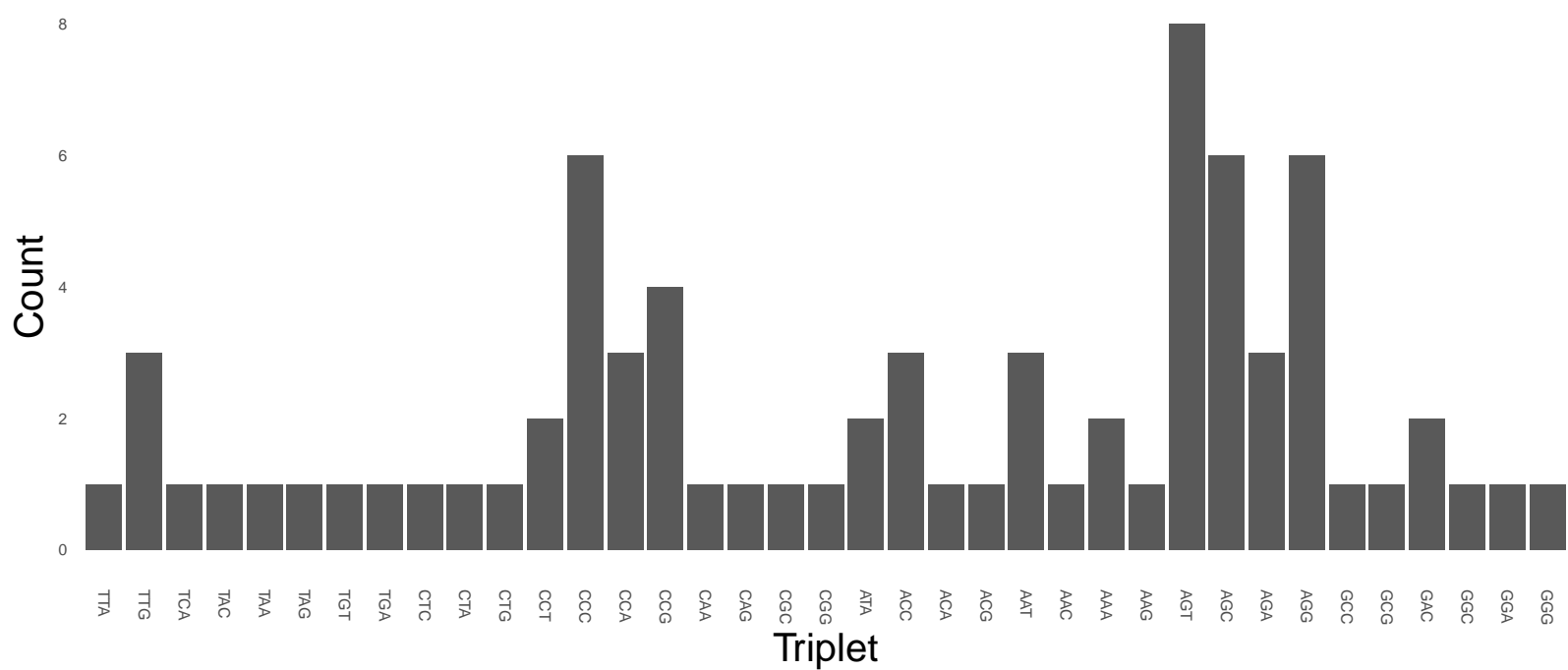
Gene TRBV7-1*ap01_G291C_T296C



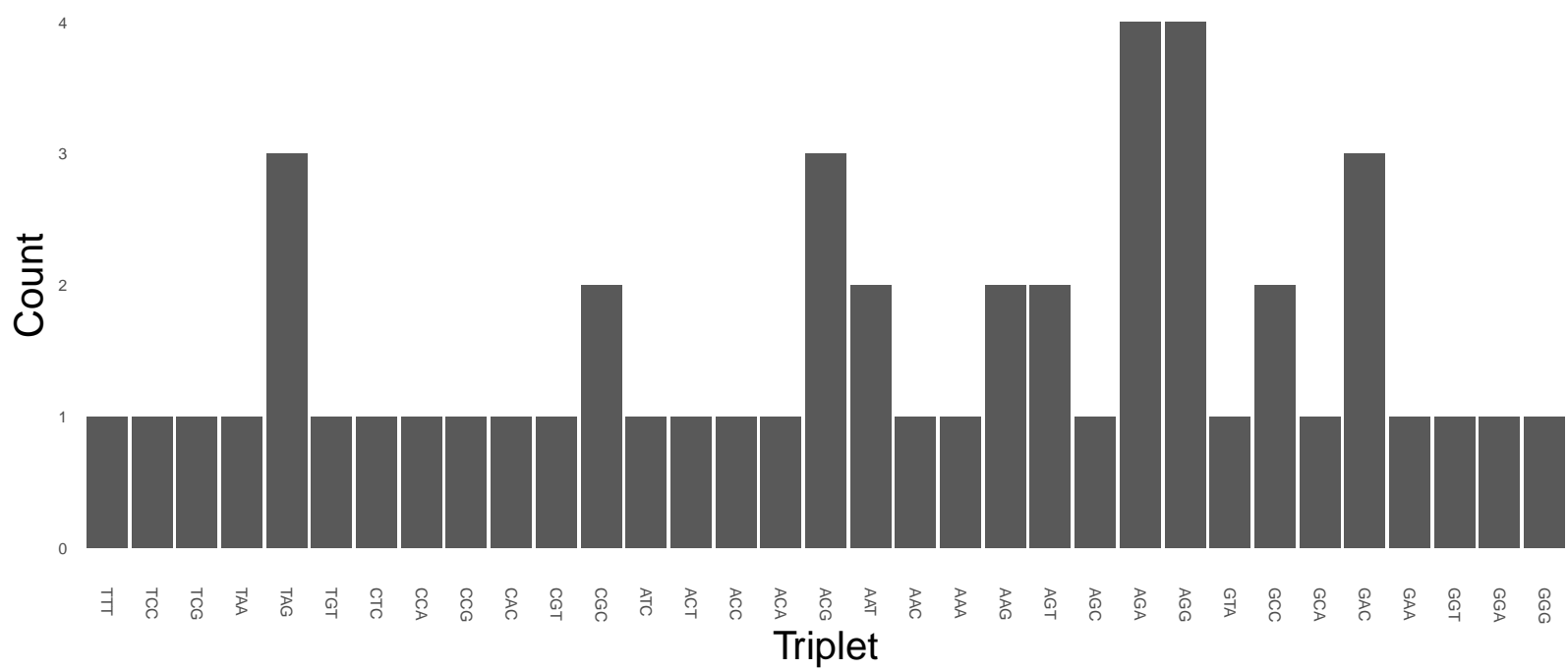
Gene TRBV7-7*ap01_C315T



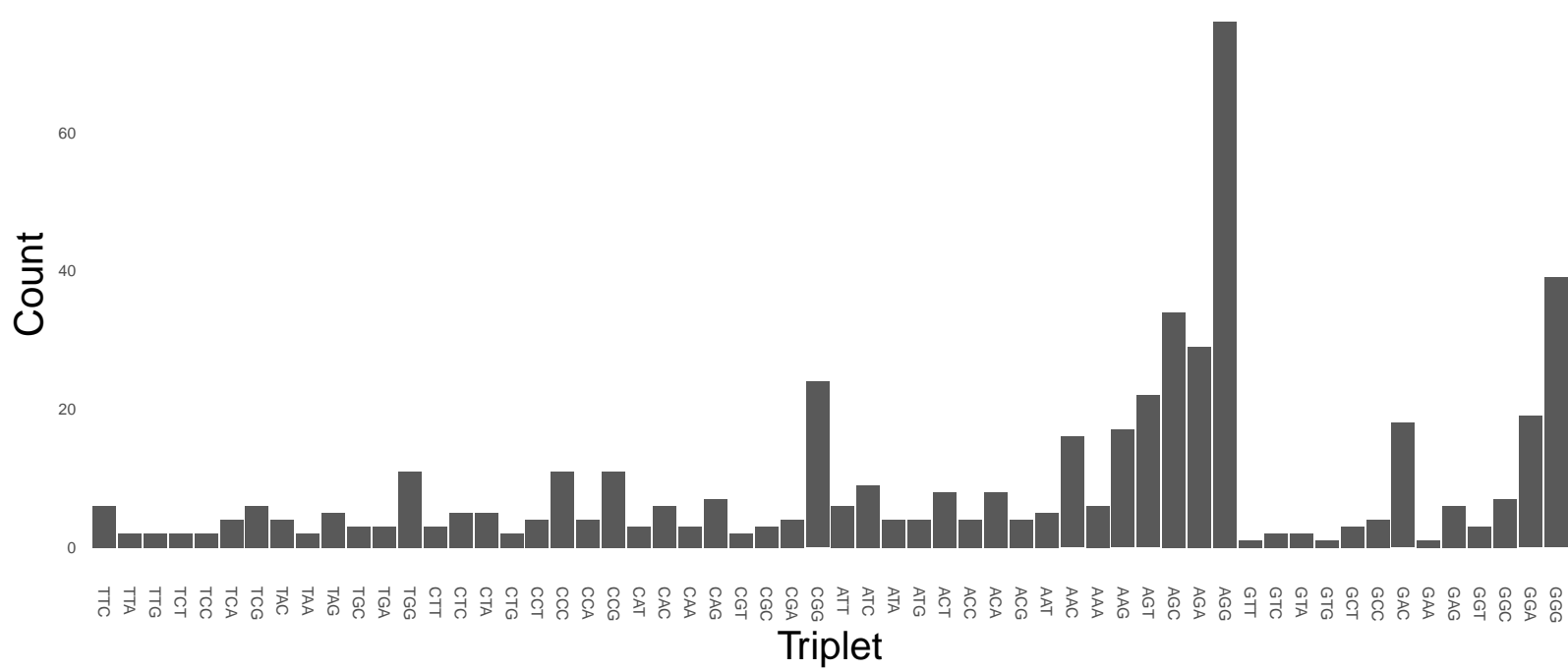
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

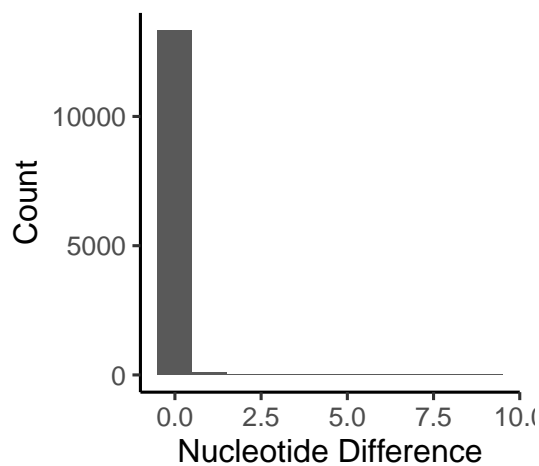


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



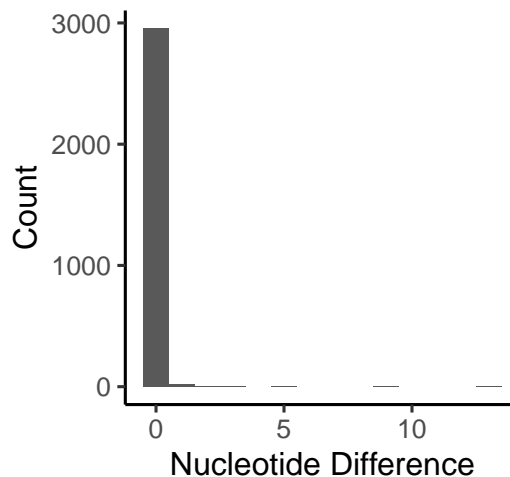
TRBV20-1*ap01

13476 sequences assigned
13339 (99%) exact matches, in which:
13191 unique CDR3
13 unique J



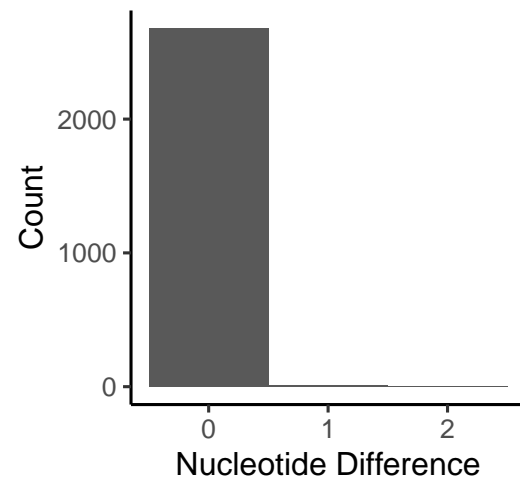
TRBV10-3*ap01

2981 sequences assigned
2955 (99.1%) exact matches, in which:
2918 unique CDR3
13 unique J



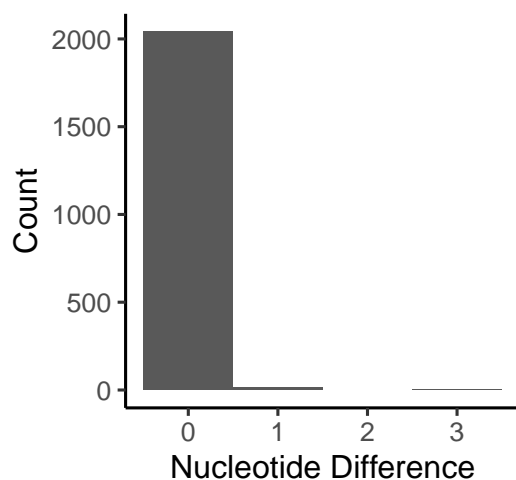
TRBV14*ap01

2692 sequences assigned
2678 (99.5%) exact matches, in which:
2642 unique CDR3
13 unique J



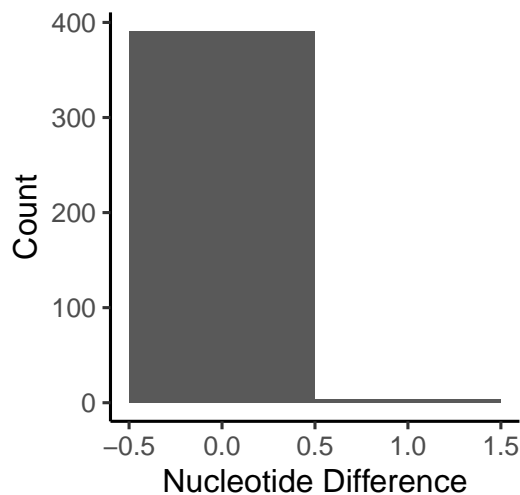
TRBV10-1*ap01

2058 sequences assigned
2041 (99.2%) exact matches, in which:
2018 unique CDR3
13 unique J



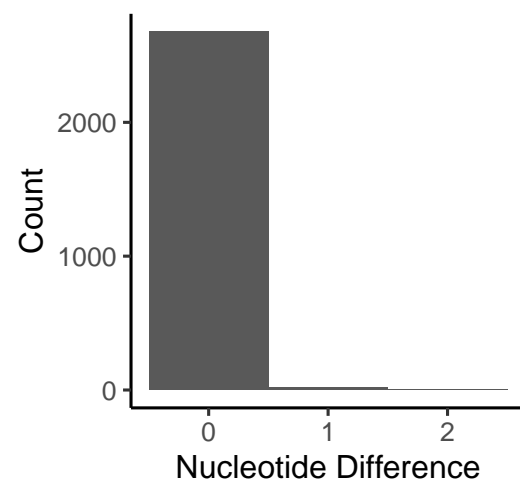
TRBV1*ap01

395 sequences assigned
391 (99%) exact matches, in which:
385 unique CDR3
13 unique J



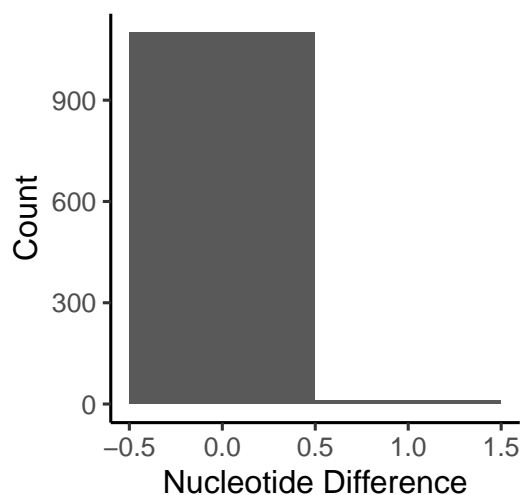
TRBV15*ap02

2696 sequences assigned
2677 (99.3%) exact matches, in which:
2630 unique CDR3
13 unique J



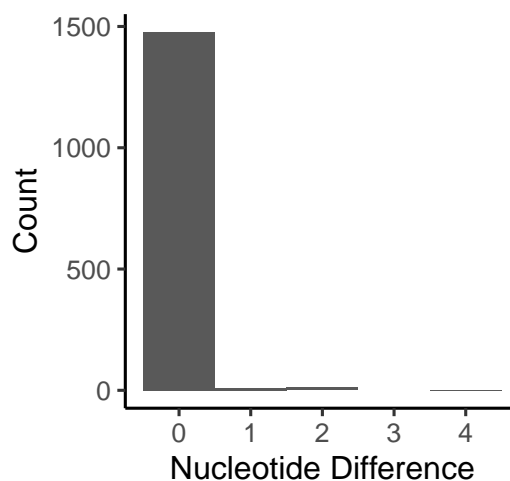
TRBV10-2*ap01

1112 sequences assigned
1101 (99%) exact matches, in which:
1089 unique CDR3
13 unique J



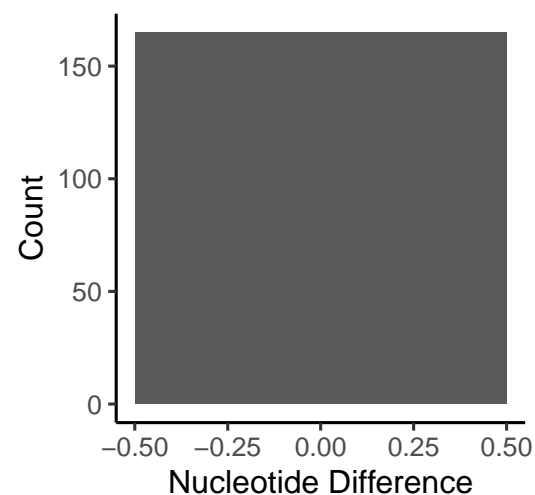
TRBV13*ap01

1500 sequences assigned
1477 (98.5%) exact matches, in which:
1445 unique CDR3
13 unique J



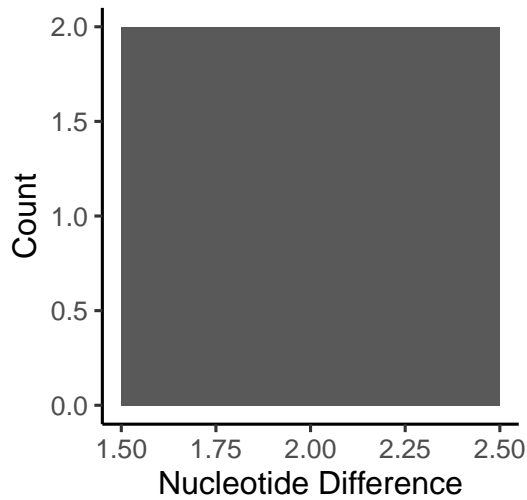
TRBV16*ap01

165 sequences assigned
165 (100%) exact matches, in which:
165 unique CDR3
12 unique J



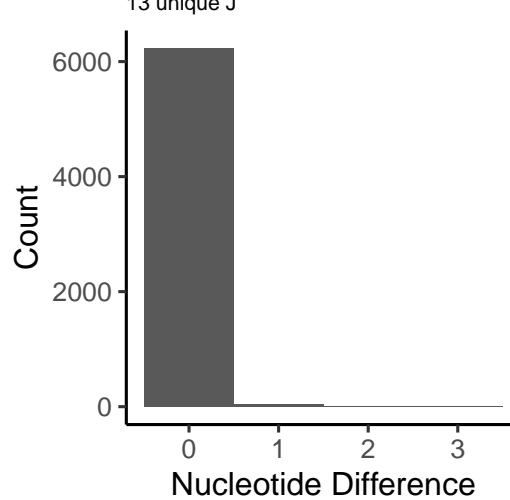
TRBV17*ap01

2 sequences assigned
No exact matches.



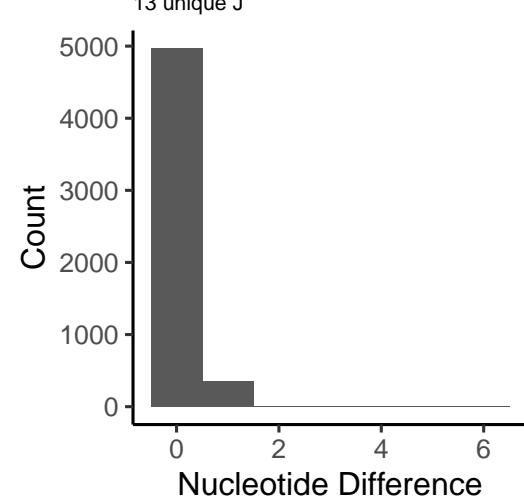
TRBV2*ap01

6285 sequences assigned
6229 (99.1%) exact matches, in which:
6140 unique CDR3
13 unique J



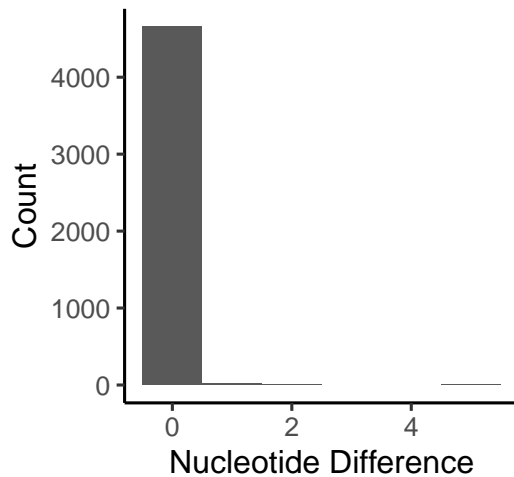
TRBV30*ap01

5341 sequences assigned
4968 (93%) exact matches, in which:
4860 unique CDR3
13 unique J



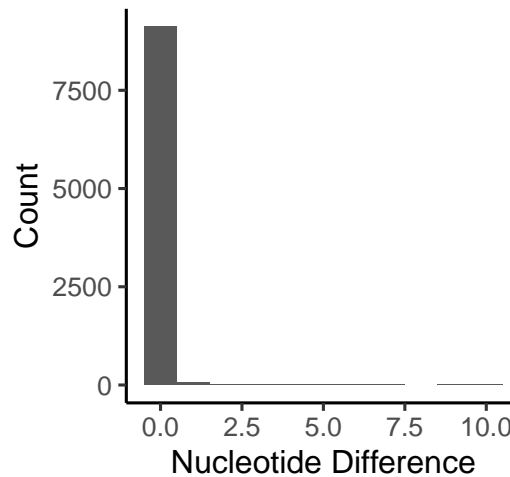
TRBV18*ap01

4672 sequences assigned
4656 (99.7%) exact matches, in which:
4625 unique CDR3
13 unique J



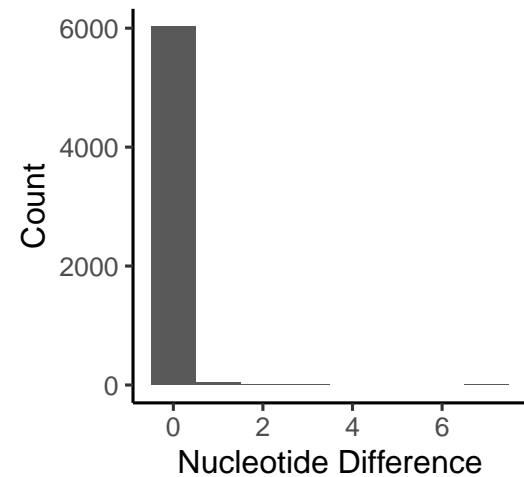
TRBV27*ap01

9196 sequences assigned
9118 (99.2%) exact matches, in which:
8986 unique CDR3
13 unique J



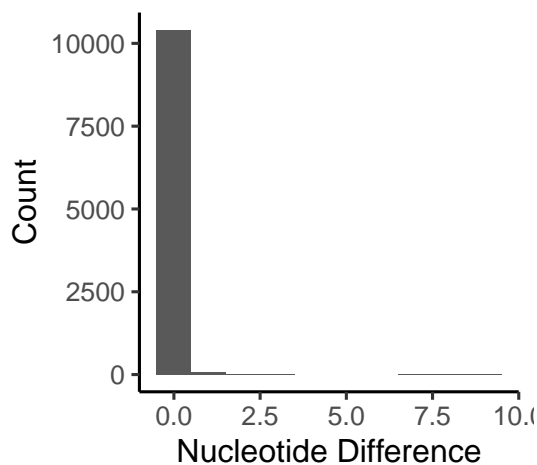
TRBV9*ap01

6066 sequences assigned
6024 (99.3%) exact matches, in which:
5971 unique CDR3
13 unique J



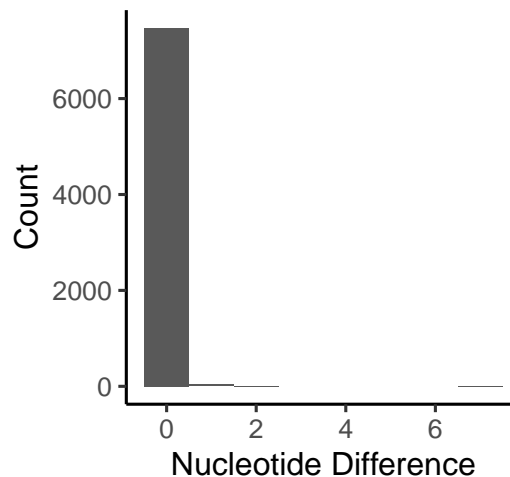
TRBV19*ap01

10495 sequences assigned
10410 (99.2%) exact matches, in which:
10324 unique CDR3
13 unique J



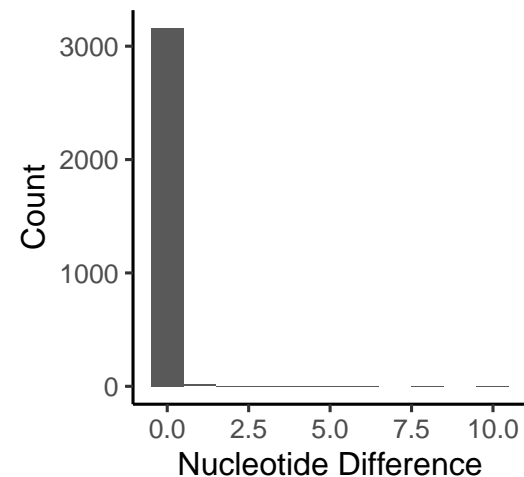
TRBV28*ap01

7513 sequences assigned
7471 (99.4%) exact matches, in which:
7402 unique CDR3
13 unique J



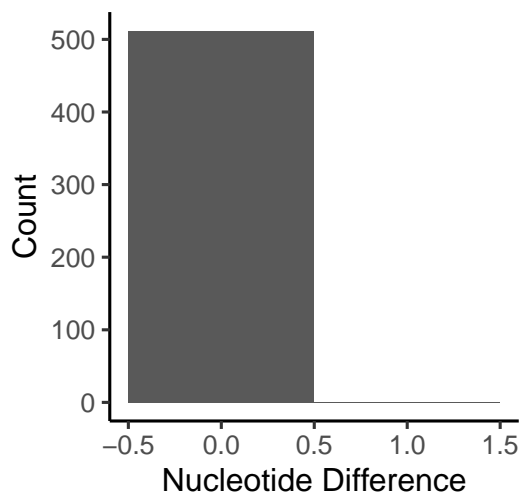
TRBV21-1*ap01

3192 sequences assigned
3160 (99%) exact matches, in which:
3144 unique CDR3
13 unique J



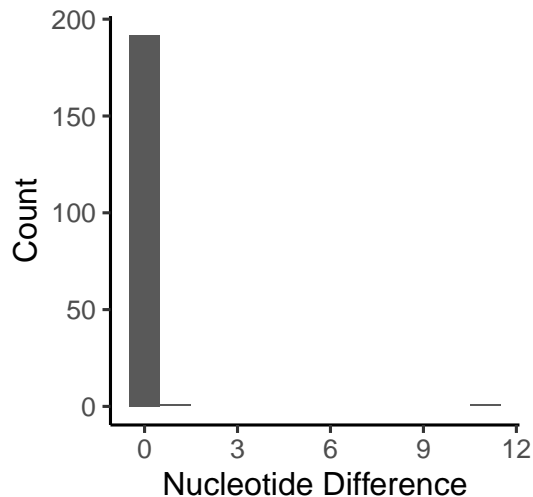
TRBV11-1*ap01

513 sequences assigned
512 (99.8%) exact matches, in which:
509 unique CDR3
13 unique J



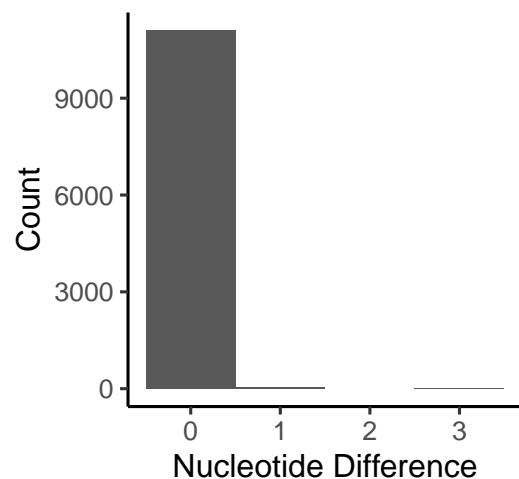
TRBV12-1*ap01

194 sequences assigned
192 (99%) exact matches, in which:
192 unique CDR3
13 unique J



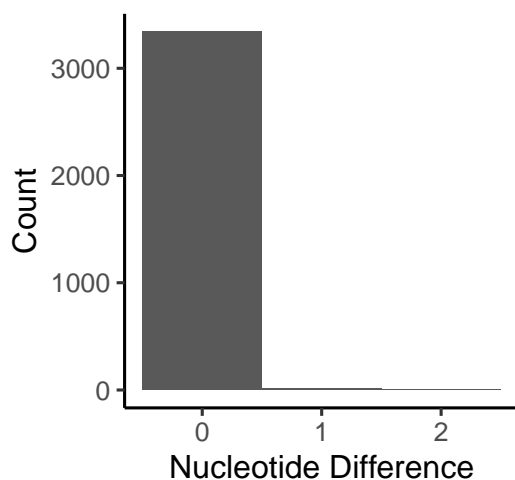
TRBV12-34*ap01

11162 sequences assigned
11100 (99.4%) exact matches, in which:
10959 unique CDR3
13 unique J



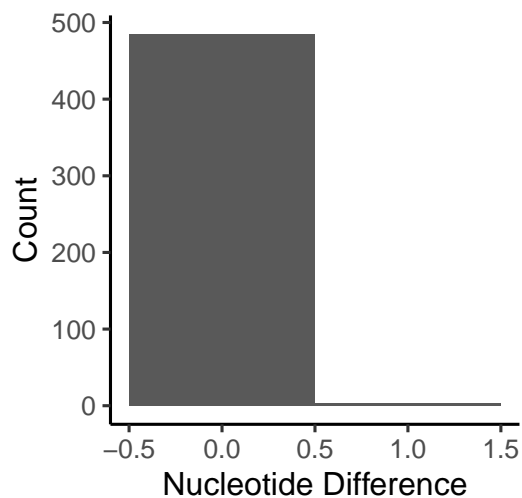
TRBV11-2*ap01

3358 sequences assigned
3341 (99.5%) exact matches, in which:
3320 unique CDR3
13 unique J



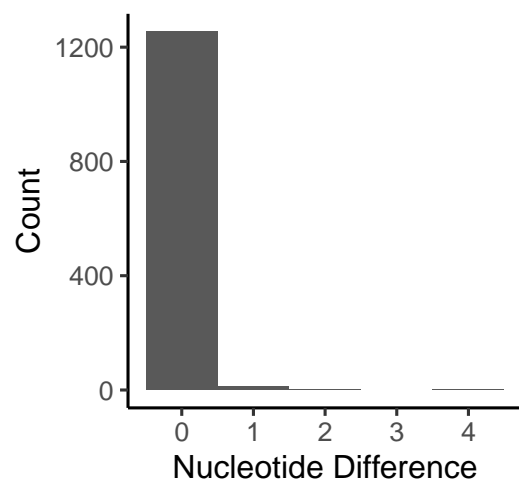
TRBV12-2*ap01

488 sequences assigned
485 (99.4%) exact matches, in which:
479 unique CDR3
13 unique J



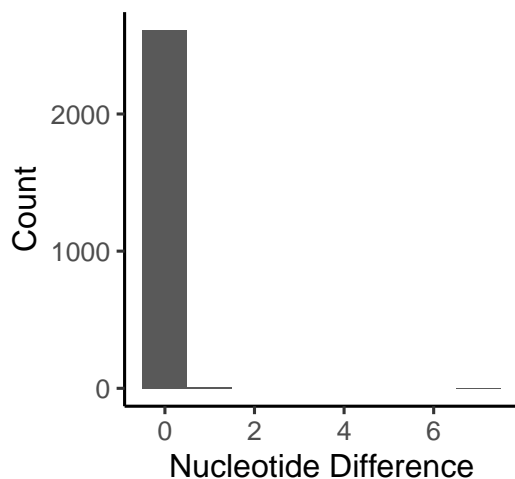
TRBV23-1*ap01

1270 sequences assigned
1254 (98.7%) exact matches, in which:
1240 unique CDR3
13 unique J



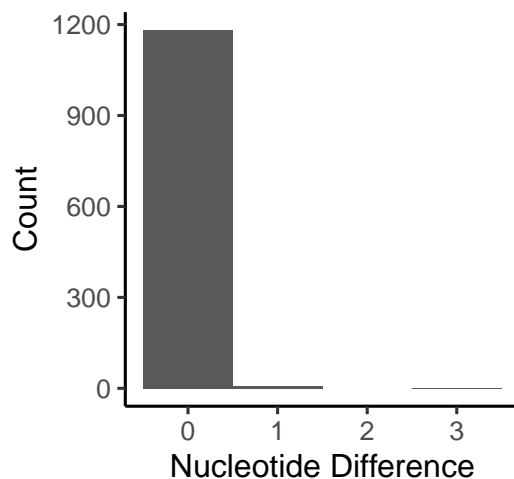
TRBV11-3*ap01

2624 sequences assigned
2612 (99.5%) exact matches, in which:
2606 unique CDR3
13 unique J



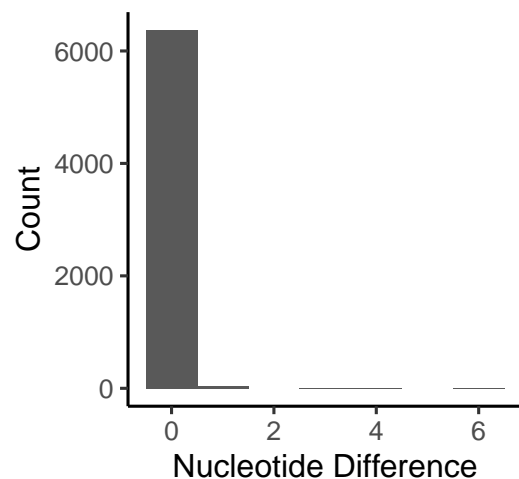
TRBV12-5*ap01

1191 sequences assigned
1182 (99.2%) exact matches, in which:
1168 unique CDR3
13 unique J



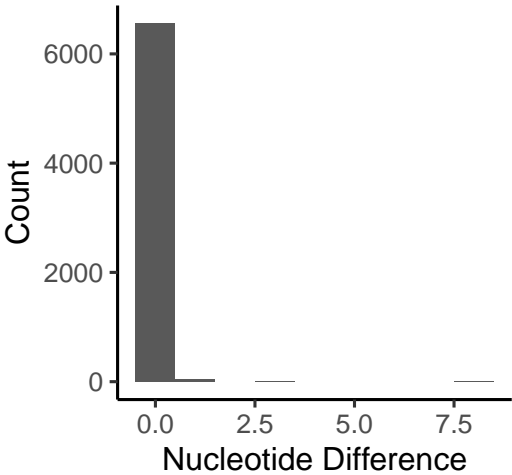
TRBV3-12*ap01

6411 sequences assigned
6372 (99.4%) exact matches, in which:
6320 unique CDR3
13 unique J



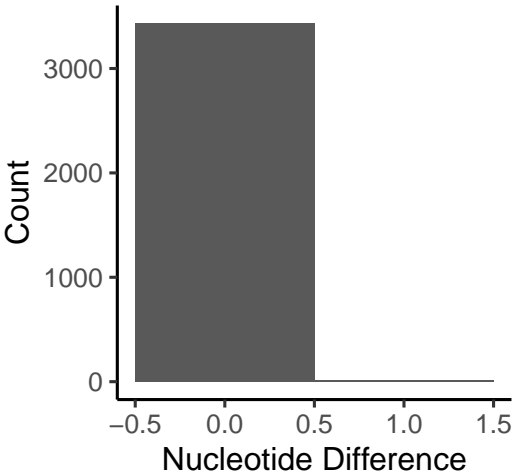
TRBV4-1*ap01

6611 sequences assigned
6558 (99.2%) exact matches, in which:
6449 unique CDR3
13 unique J



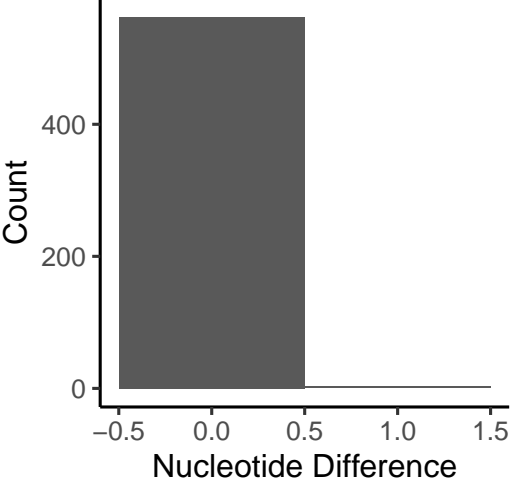
TRBV4-3*ap01

3450 sequences assigned
3432 (99.5%) exact matches, in which:
3390 unique CDR3
13 unique J



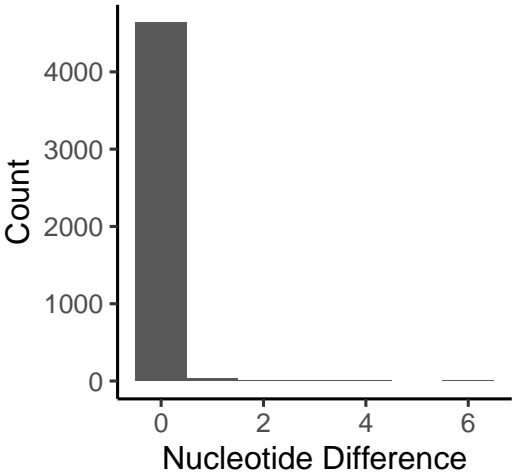
TRBV5-3*ap01

566 sequences assigned
563 (99.5%) exact matches, in which:
553 unique CDR3
13 unique J



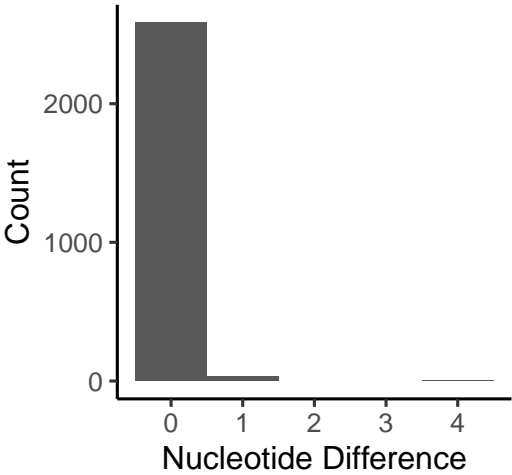
TRBV24-1*ap01

4672 sequences assigned
4636 (99.2%) exact matches, in which:
4575 unique CDR3
13 unique J



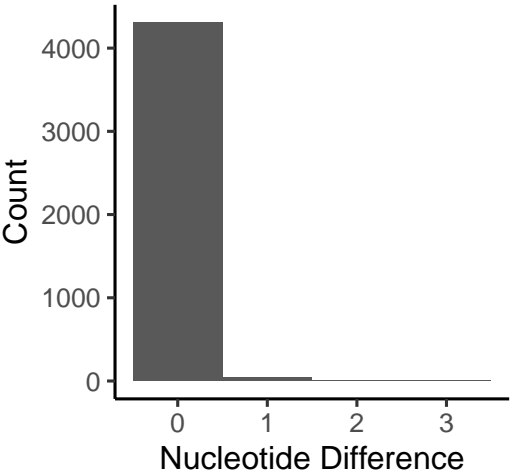
TRBV25-1*ap01

2617 sequences assigned
2584 (98.7%) exact matches, in which:
2519 unique CDR3
13 unique J



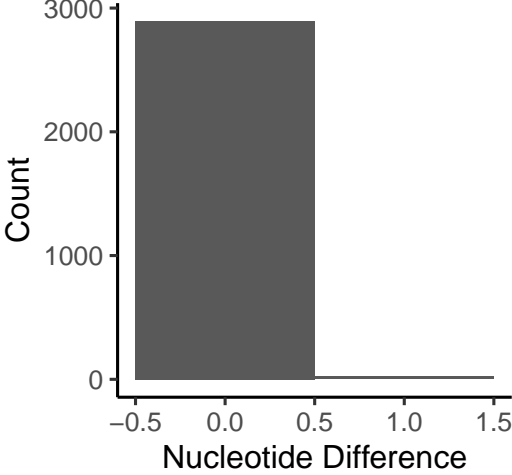
TRBV5-4*ap01

4344 sequences assigned
4305 (99.1%) exact matches, in which:
4222 unique CDR3
13 unique J



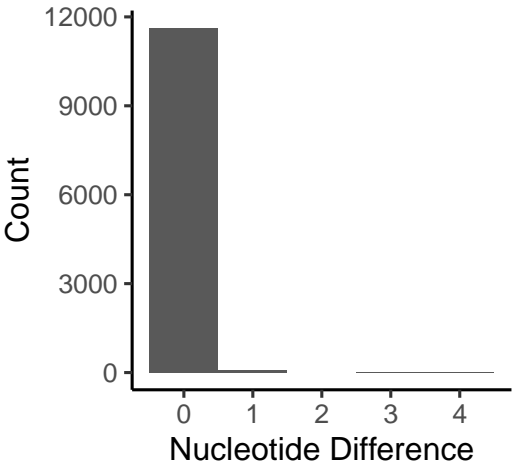
TRBV4-2*ap01

2919 sequences assigned
2895 (99.2%) exact matches, in which:
2846 unique CDR3
13 unique J



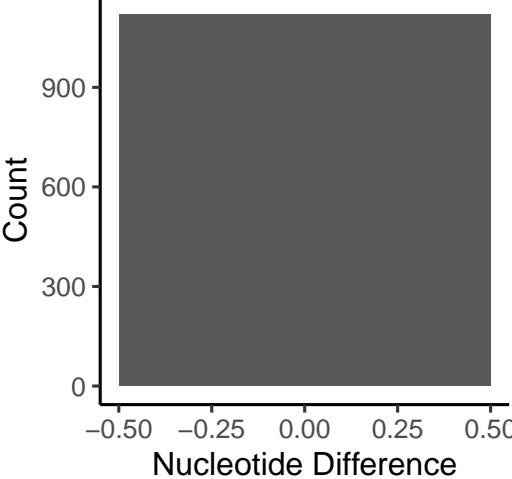
TRBV5-1*ap01

11717 sequences assigned
11632 (99.3%) exact matches, in which:
11410 unique CDR3
13 unique J



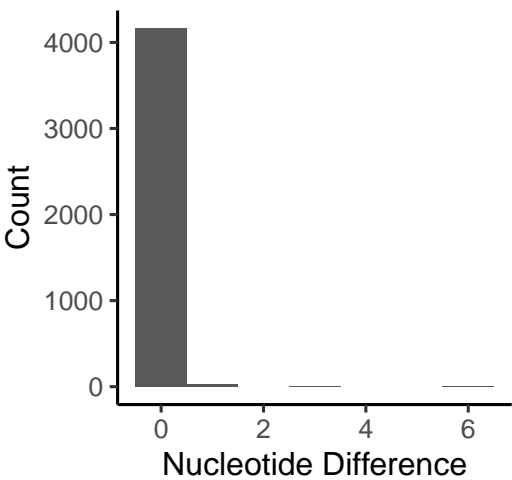
TRBV5-5*ap01

1120 sequences assigned
1120 (100%) exact matches, in which:
1115 unique CDR3
13 unique J



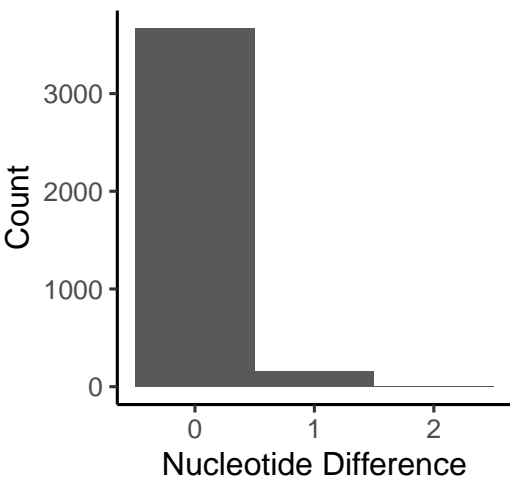
TRBV5-6*ap01

4190 sequences assigned
4163 (99.4%) exact matches, in which:
4062 unique CDR3
13 unique J



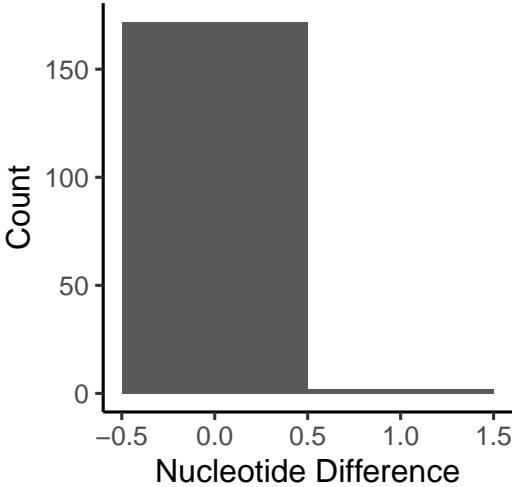
TRBV6-1*ap01

3825 sequences assigned
3667 (95.9%) exact matches, in which:
3596 unique CDR3
13 unique J



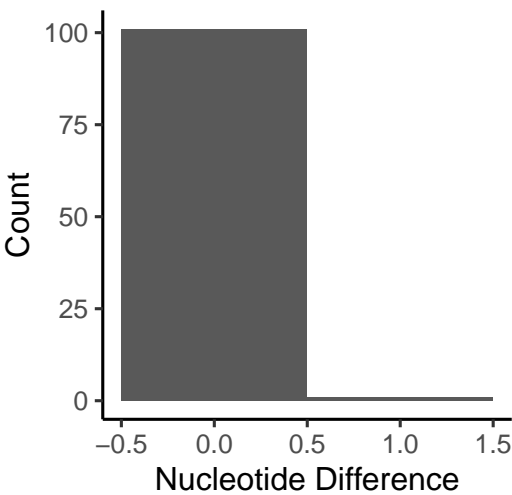
TRBV6-8*ap01

174 sequences assigned
172 (98.9%) exact matches, in which:
169 unique CDR3
13 unique J



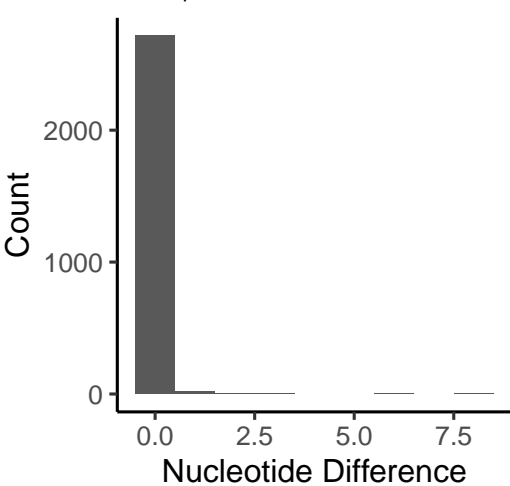
TRBV5-7*ap01

102 sequences assigned
101 (99%) exact matches, in which:
98 unique CDR3
12 unique J



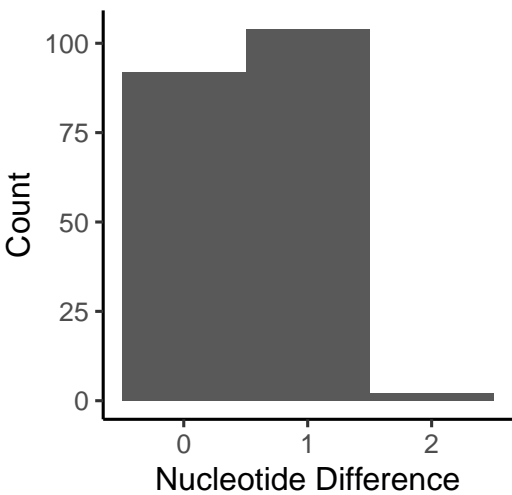
TRBV6-4*ap01

2744 sequences assigned
2716 (99%) exact matches, in which:
2690 unique CDR3
13 unique J



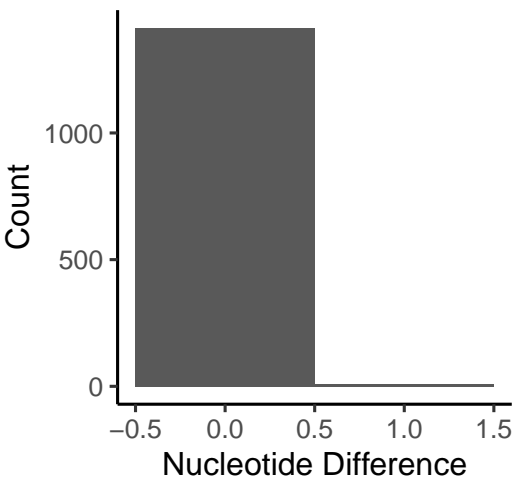
TRBV6-9*ap01

198 sequences assigned
92 (46.5%) exact matches, in which:
91 unique CDR3
12 unique J



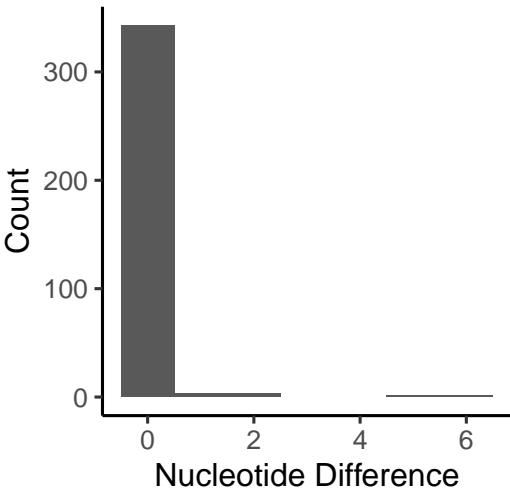
TRBV5-8*ap01

1422 sequences assigned
1414 (99.4%) exact matches, in which:
1397 unique CDR3
13 unique J



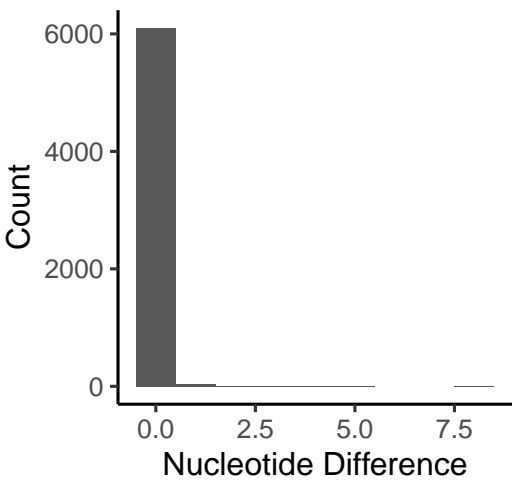
TRBV6-7*ap01

351 sequences assigned
343 (97.7%) exact matches, in which:
339 unique CDR3
13 unique J



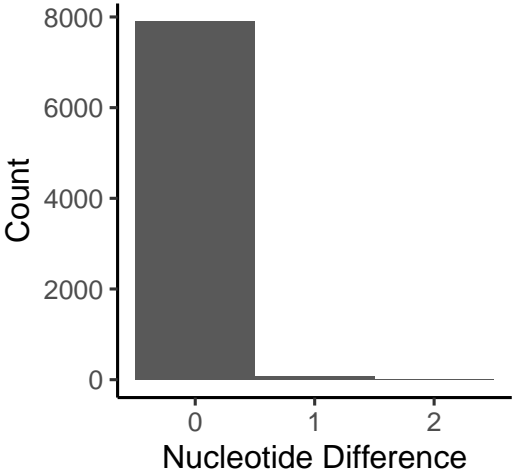
TRBV6-23*ap01

6152 sequences assigned
6100 (99.2%) exact matches, in which:
5961 unique CDR3
13 unique J



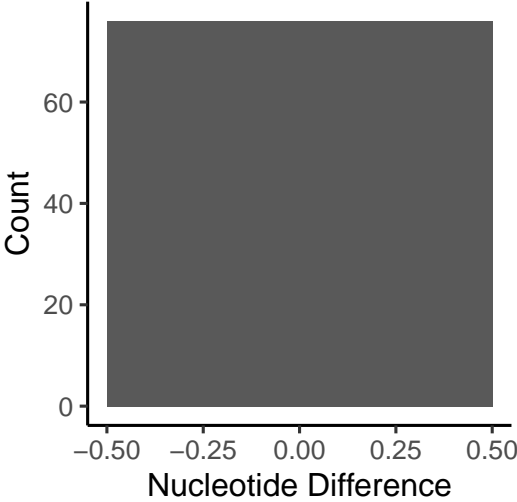
TRBV6-56*ap01

7977 sequences assigned
7902 (99.1%) exact matches, in which:
7732 unique CDR3
13 unique J



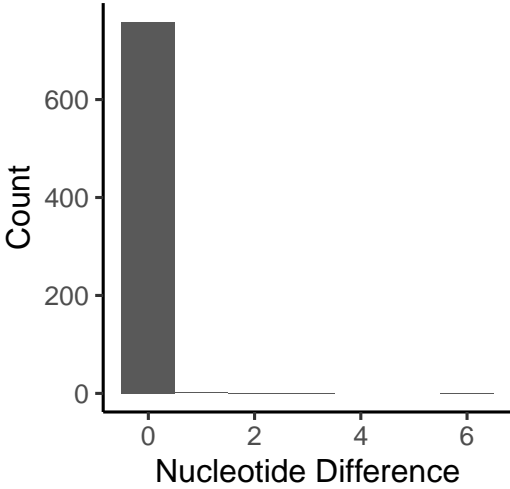
TRBV7-1*ap01_G291C_T

76 sequences assigned
76 (100%) exact matches, in which:
76 unique CDR3
11 unique J



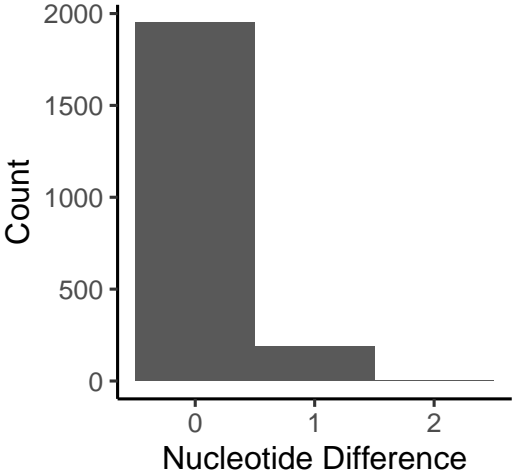
TRBV7-3*ap03

764 sequences assigned
759 (99.3%) exact matches, in which:
750 unique CDR3
13 unique J



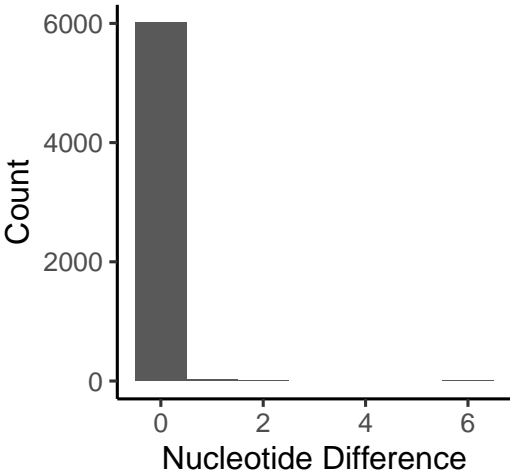
TRBV6-56*ap02

2141 sequences assigned
1950 (91.1%) exact matches, in which:
1908 unique CDR3
13 unique J



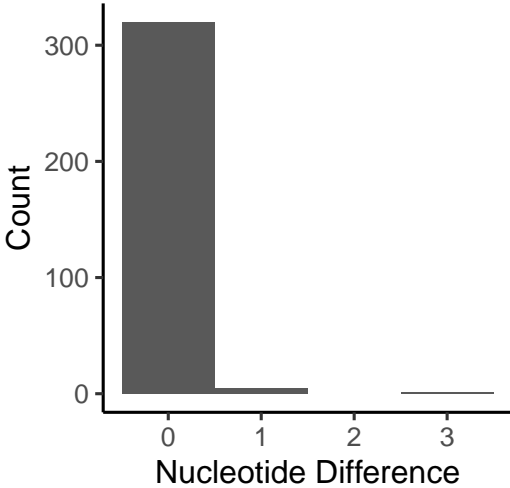
TRBV7-2*ap01

6034 sequences assigned
6011 (99.6%) exact matches, in which:
5941 unique CDR3
13 unique J



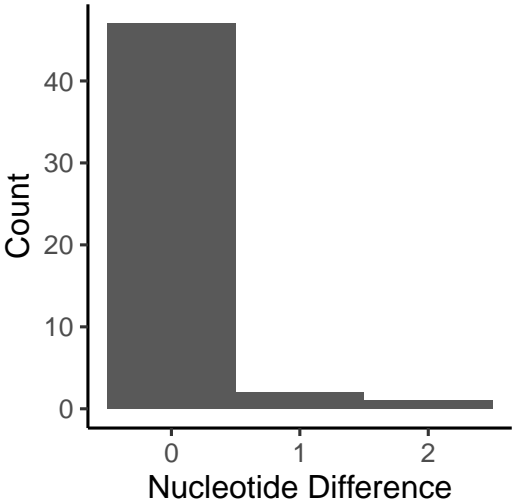
TRBV7-4*ap01

326 sequences assigned
320 (98.2%) exact matches, in which:
316 unique CDR3
13 unique J



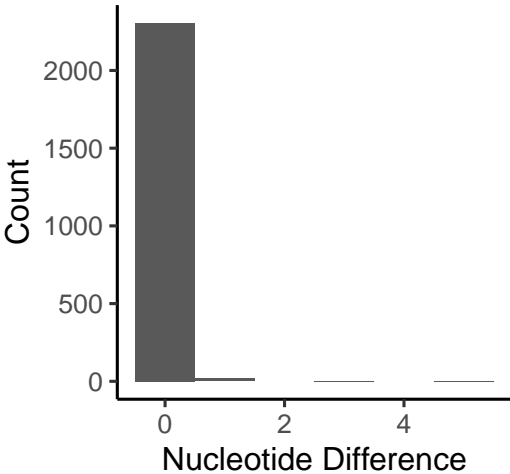
TRBV7-1*ap01_G291C_T

50 sequences assigned
47 (94%) exact matches, in which:
47 unique CDR3
12 unique J



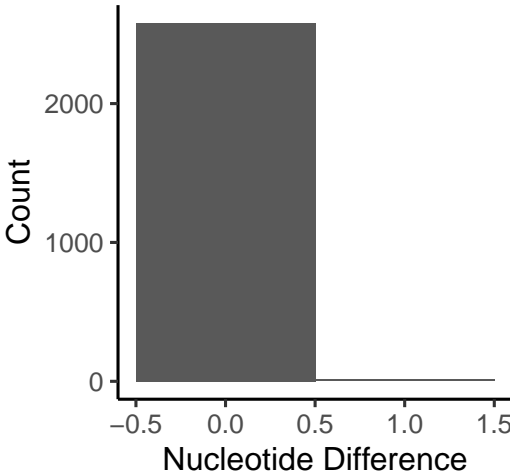
TRBV7-3*ap01

2324 sequences assigned
2305 (99.2%) exact matches, in which:
2288 unique CDR3
13 unique J



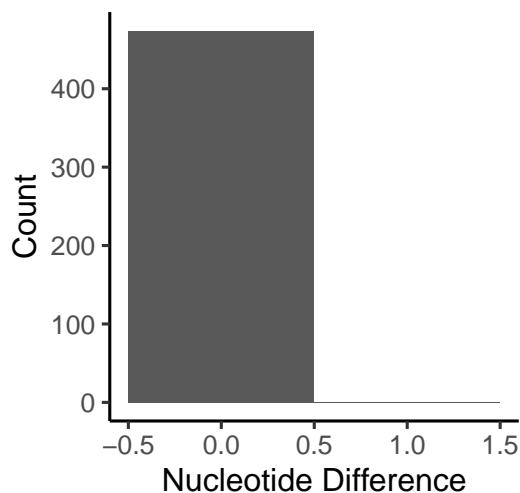
TRBV7-6*ap01

2594 sequences assigned
2580 (99.5%) exact matches, in which:
2551 unique CDR3
13 unique J



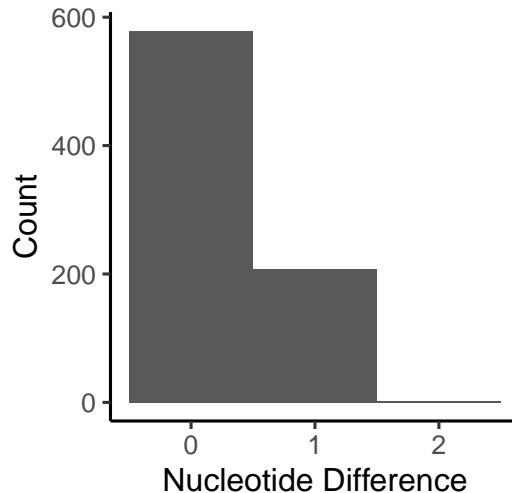
TRBV7-7*ap01

475 sequences assigned
474 (99.8%) exact matches, in which:
466 unique CDR3
13 unique J



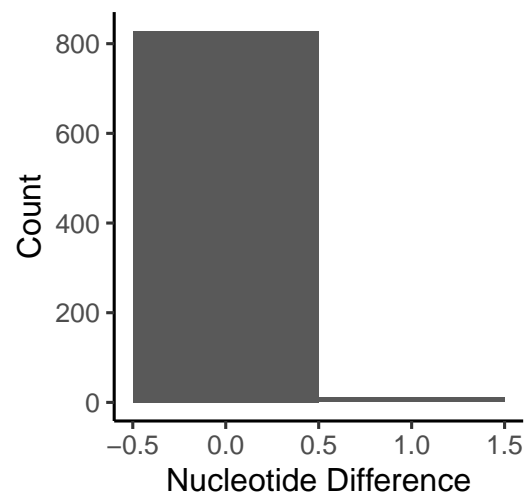
TRBV7-8*ap03

789 sequences assigned
579 (73.4%) exact matches, in which:
578 unique CDR3
13 unique J



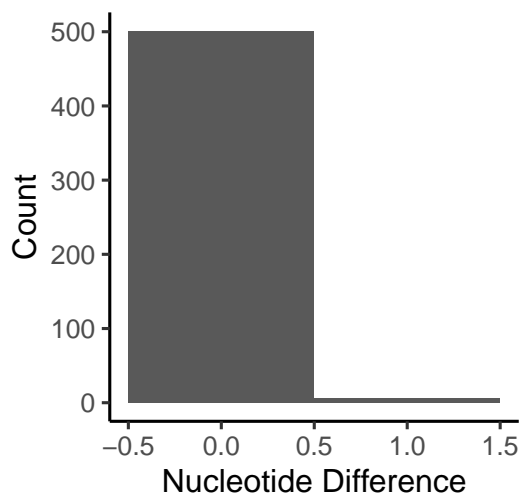
TRBV29-1*ap02

840 sequences assigned
829 (98.7%) exact matches, in which:
815 unique CDR3
13 unique J



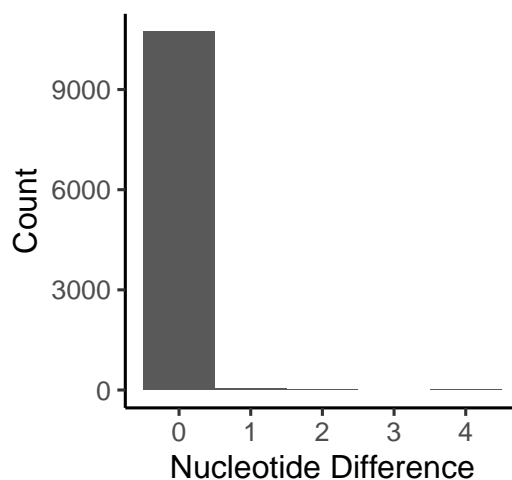
TRBV7-7*ap01_C315T

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



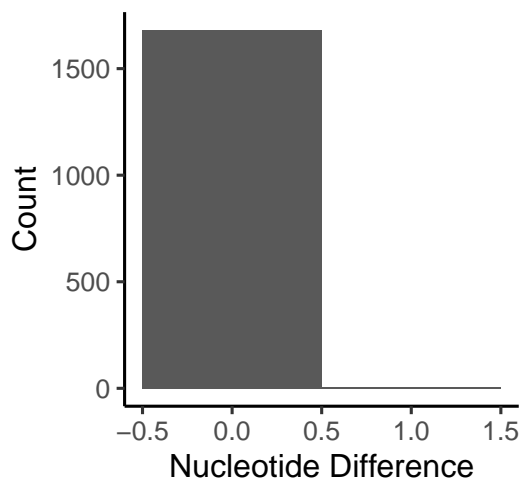
TRBV7-9*ap01

10784 sequences assigned
10731 (99.5%) exact matches, in which:
10618 unique CDR3
13 unique J



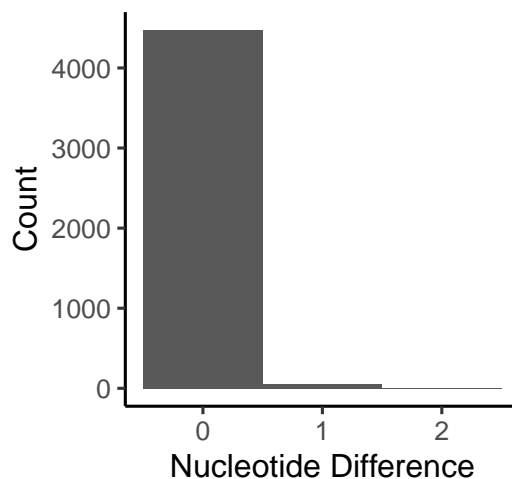
TRBV7-8*ap01

1688 sequences assigned
1681 (99.6%) exact matches, in which:
1665 unique CDR3
13 unique J

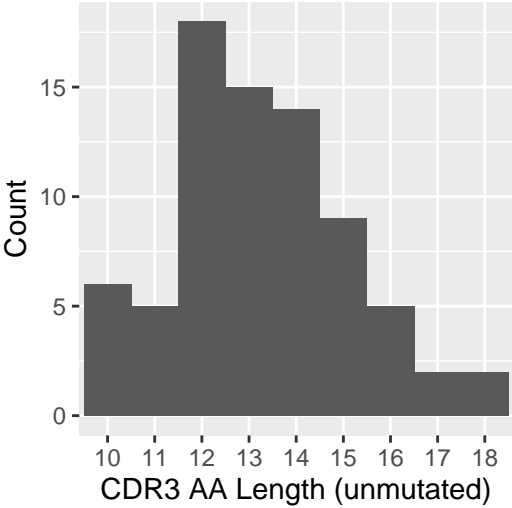


TRBV29-1*ap01

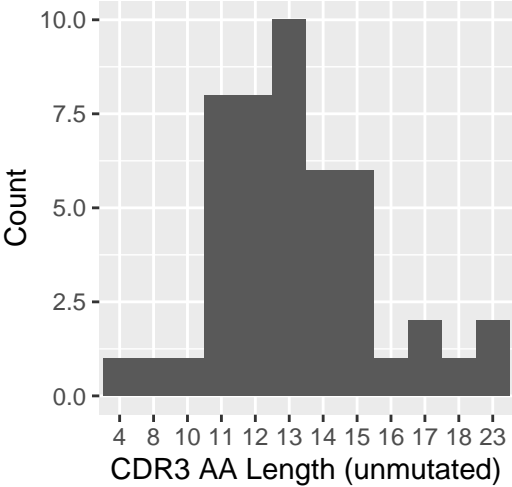
4525 sequences assigned
4473 (98.9%) exact matches, in which:
4332 unique CDR3
13 unique J



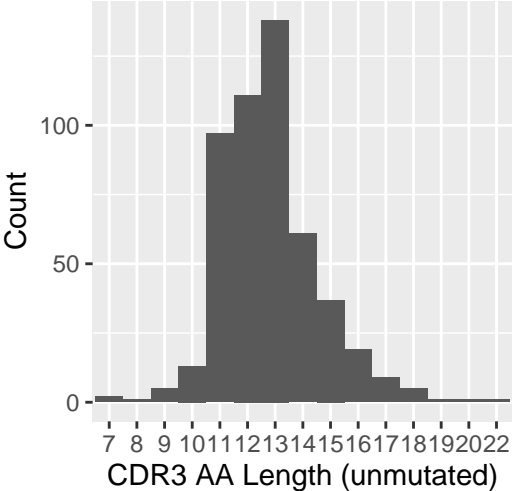
TRBV7-1*ap01_G291C_T296C_C314T

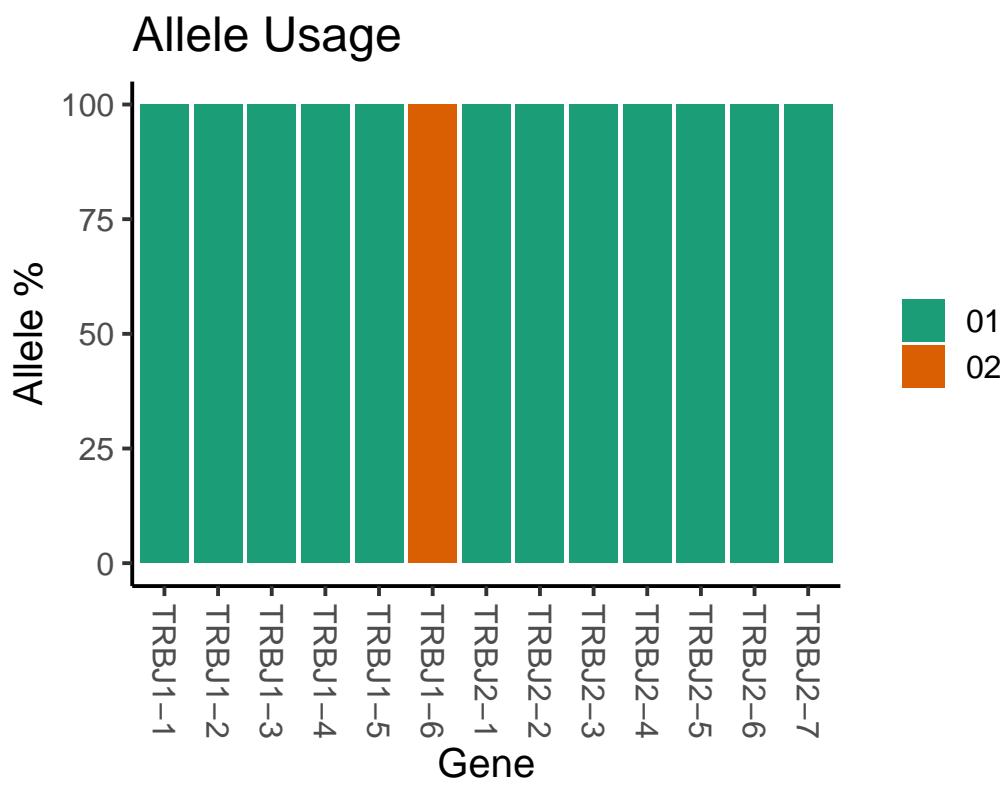


TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





[illegible]