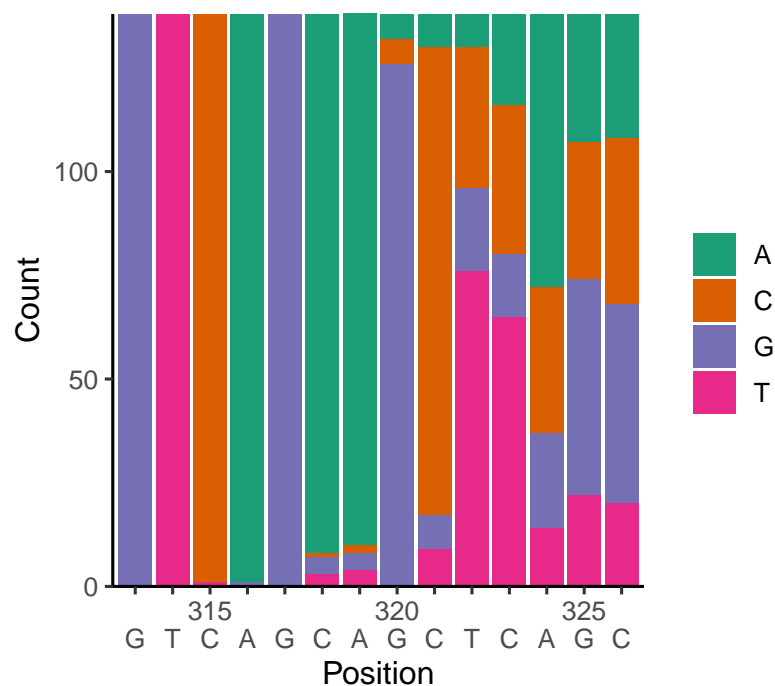
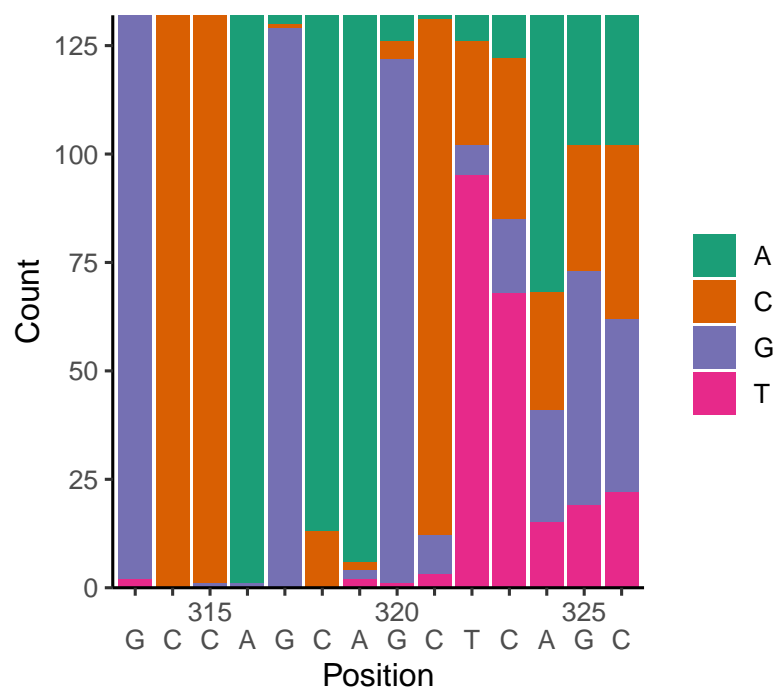


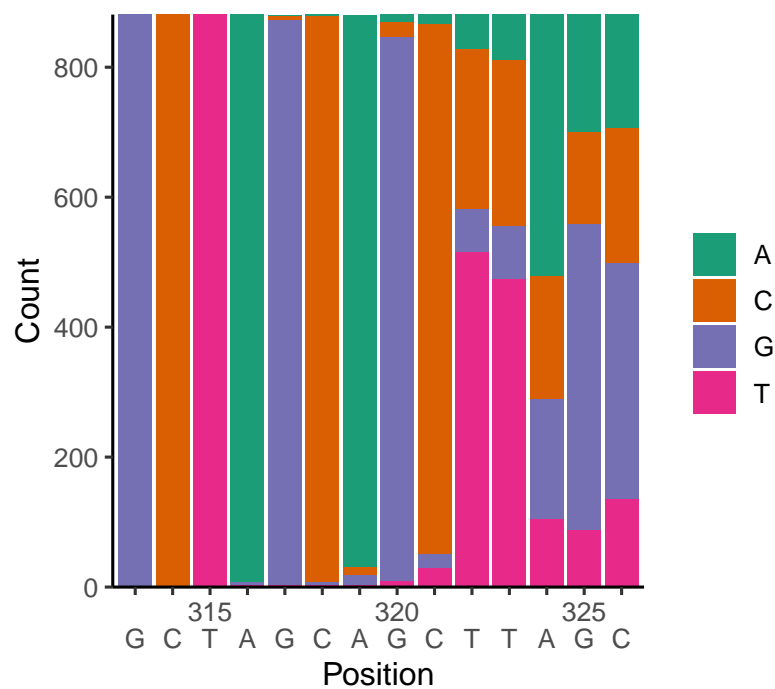
Gene TRBV7-1*ap01_G291C_T296C_C314T



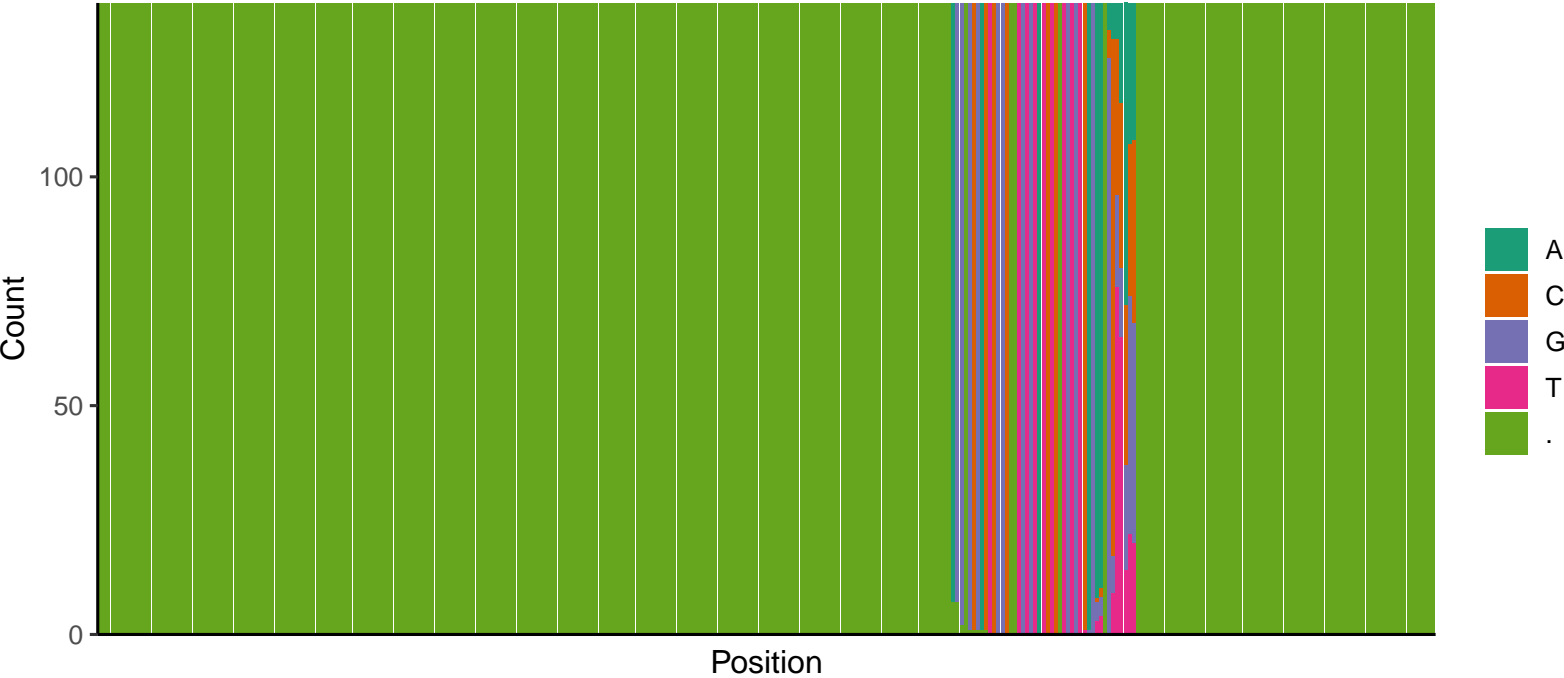
Gene TRBV7-1*ap01_G291C_T296C



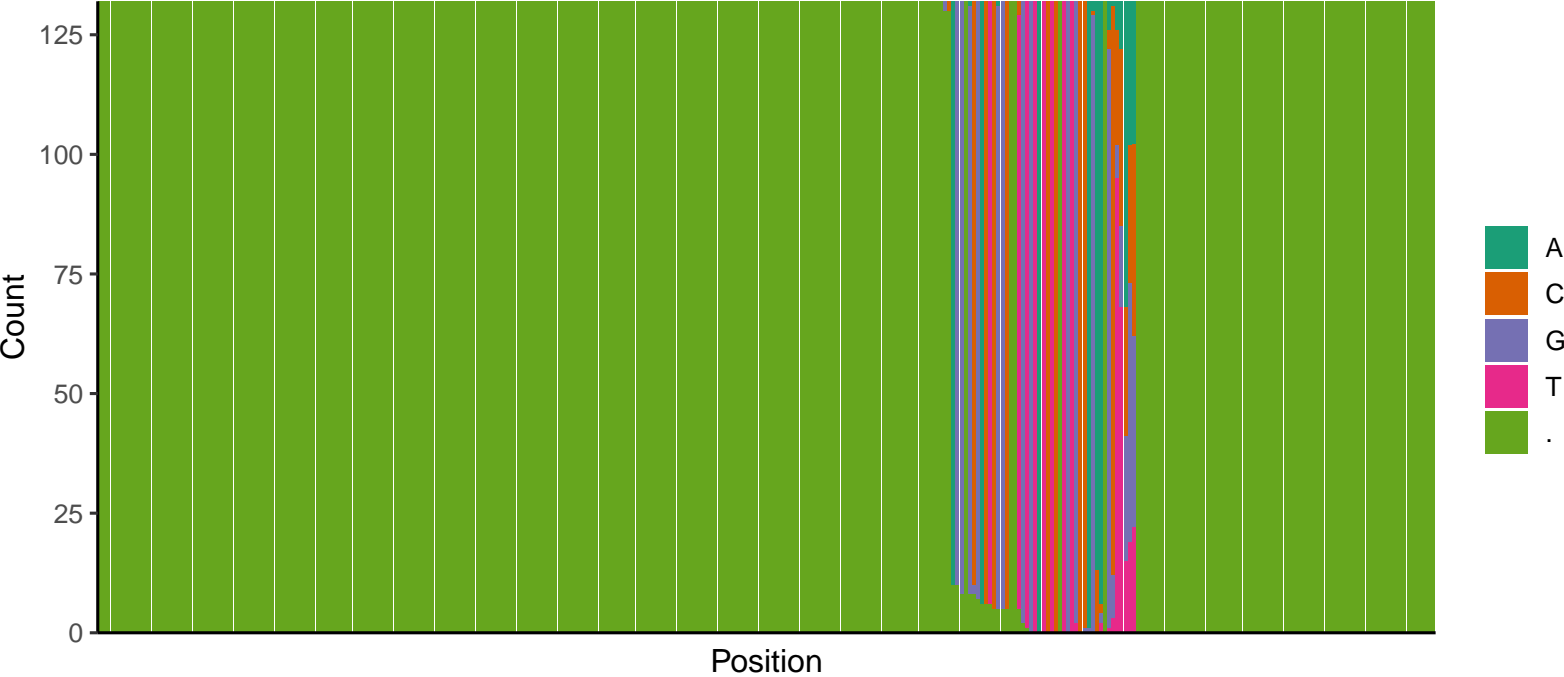
Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C_C314T



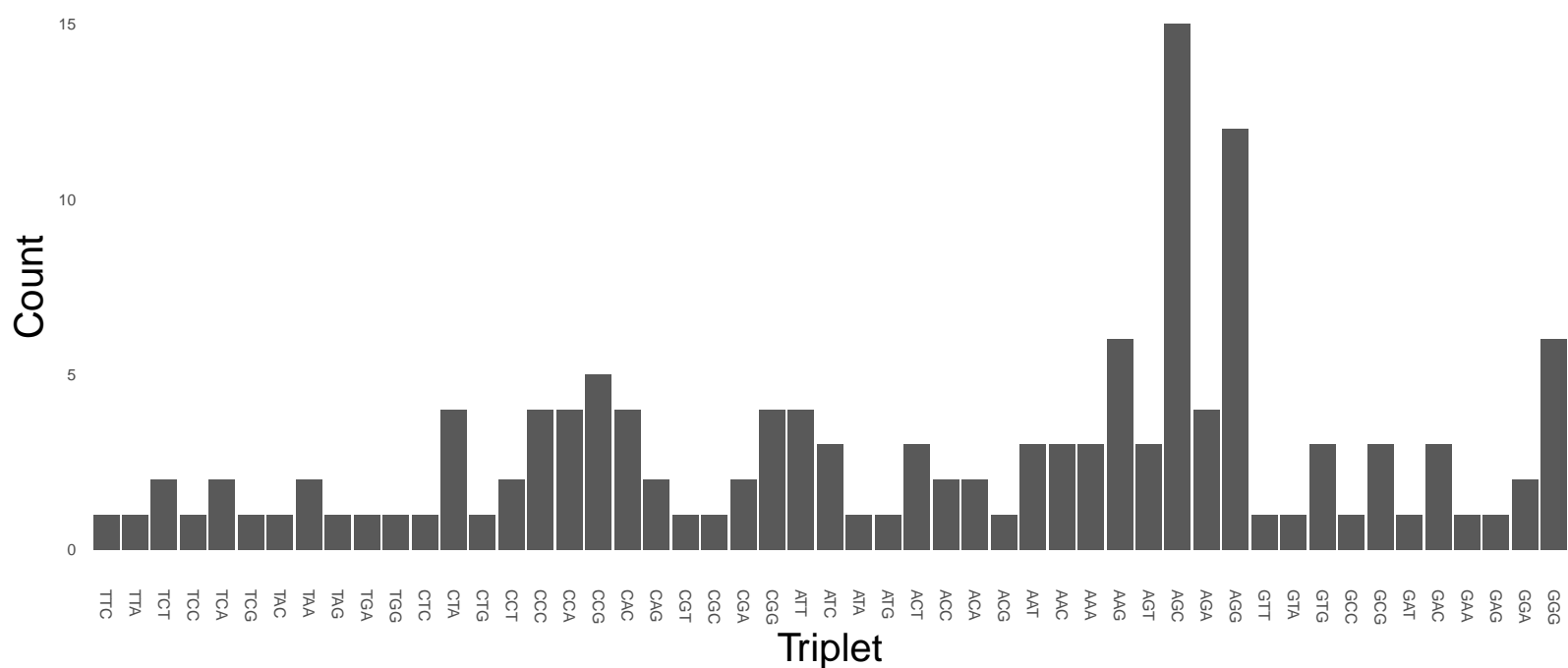
Gene TRBV7-1*ap01_G291C_T296C



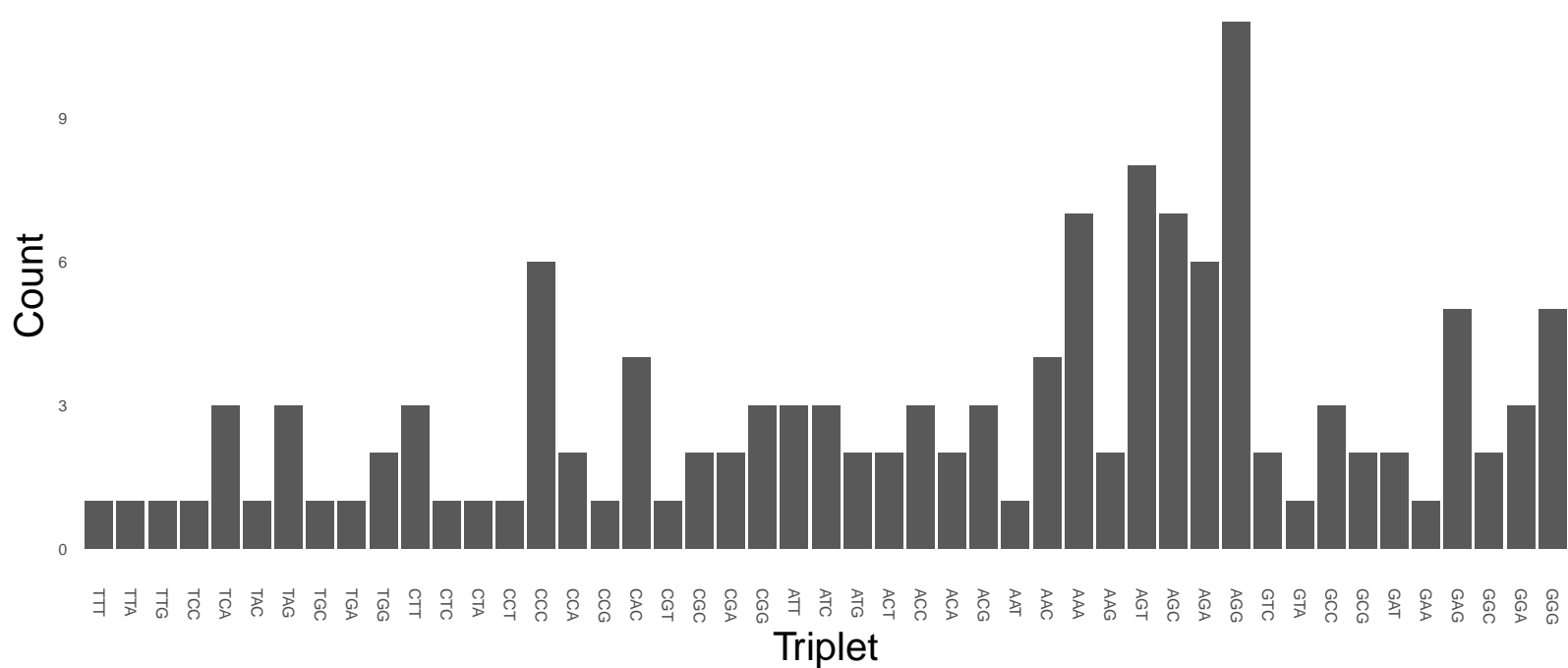
Gene TRBV7-7*ap01_C315T



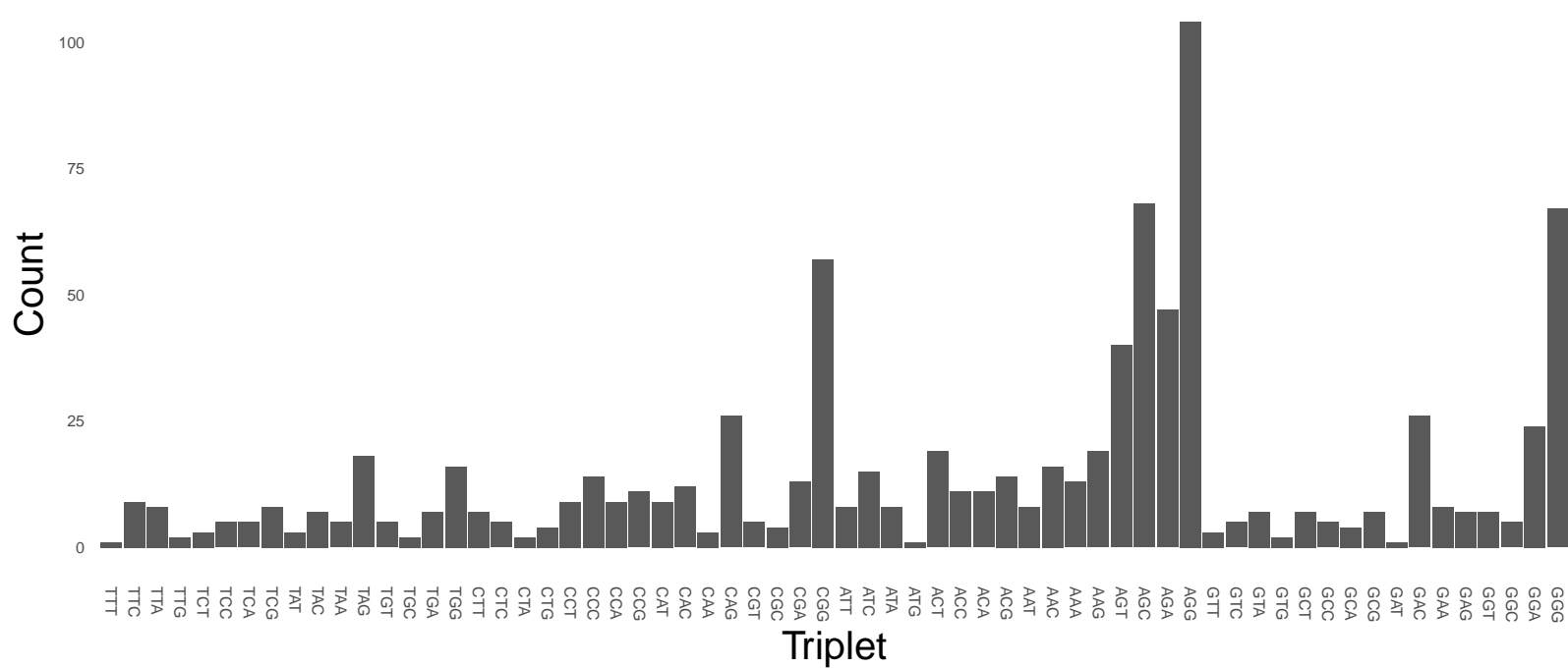
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

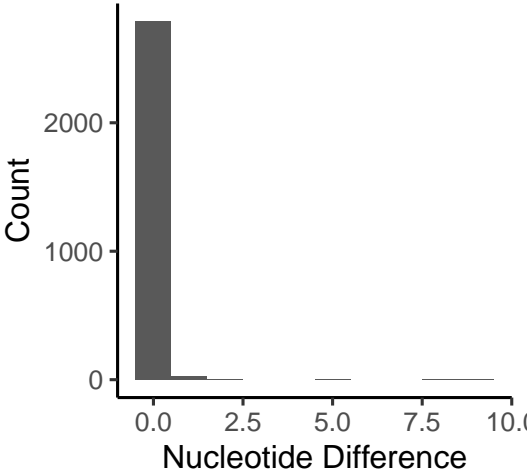


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



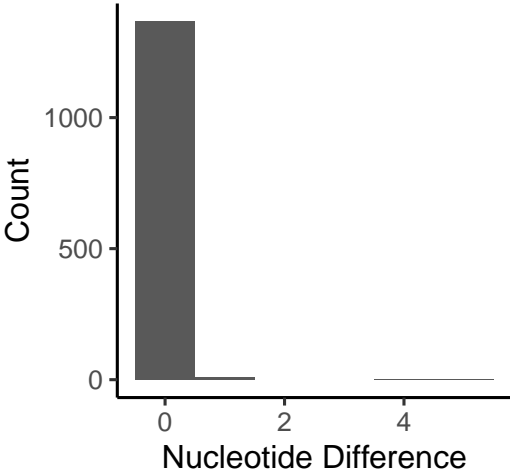
TRBV10-1*ap01

2818 sequences assigned
2789 (99%) exact matches, in which:
2709 unique CDR3
13 unique J



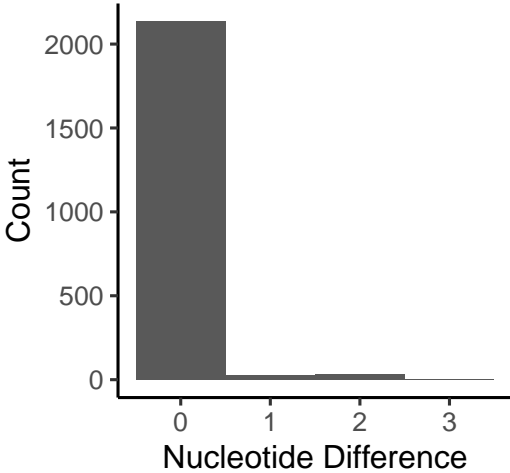
TRBV10-2*ap01

1380 sequences assigned
1367 (99.1%) exact matches, in which:
1319 unique CDR3
13 unique J



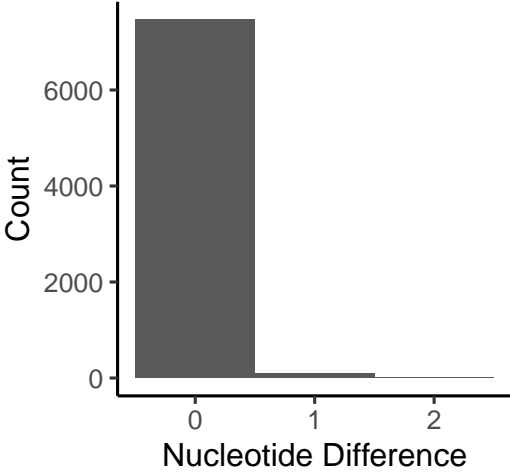
TRBV13*ap01

2194 sequences assigned
2135 (97.3%) exact matches, in which:
2078 unique CDR3
13 unique J



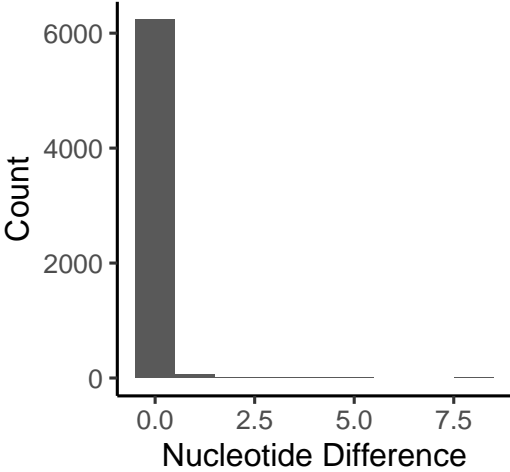
TRBV20-1*ap01

7549 sequences assigned
7463 (98.9%) exact matches, in which:
7288 unique CDR3
13 unique J



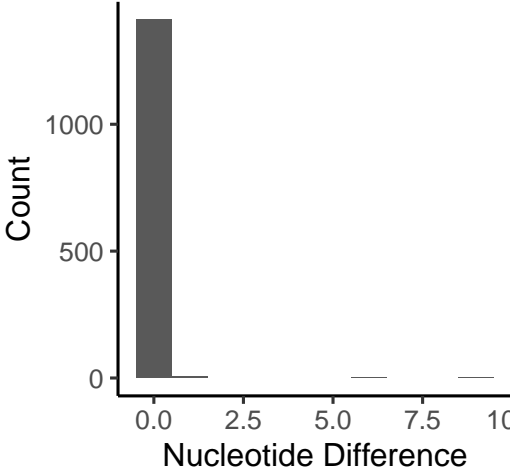
TRBV10-3*ap01

6303 sequences assigned
6234 (98.9%) exact matches, in which:
6064 unique CDR3
13 unique J



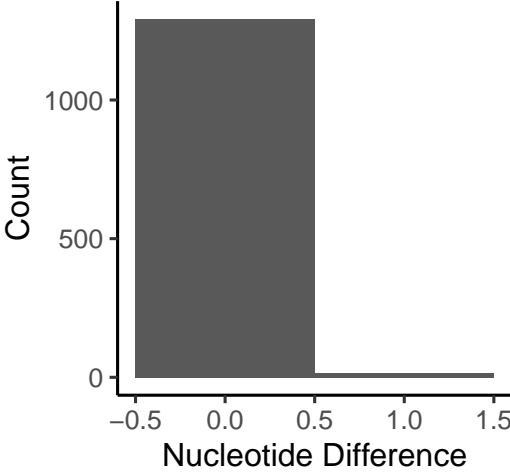
TRBV14*ap01

1419 sequences assigned
1412 (99.5%) exact matches, in which:
1373 unique CDR3
13 unique J



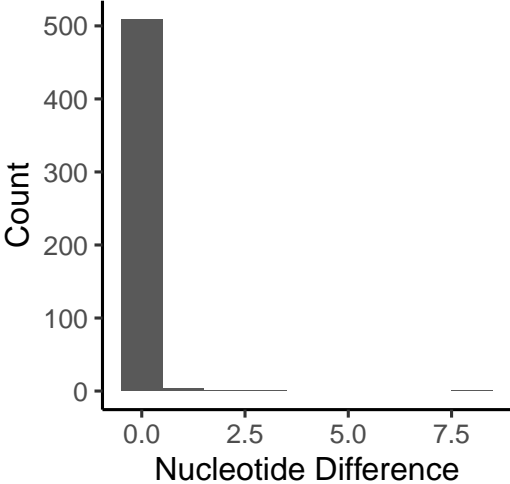
TRBV20-1*ap02

1307 sequences assigned
1292 (98.9%) exact matches, in which:
1267 unique CDR3
13 unique J



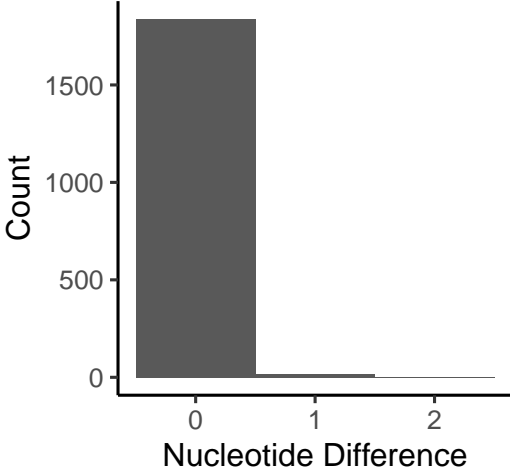
TRBV1*ap01

516 sequences assigned
509 (98.6%) exact matches, in which:
495 unique CDR3
13 unique J



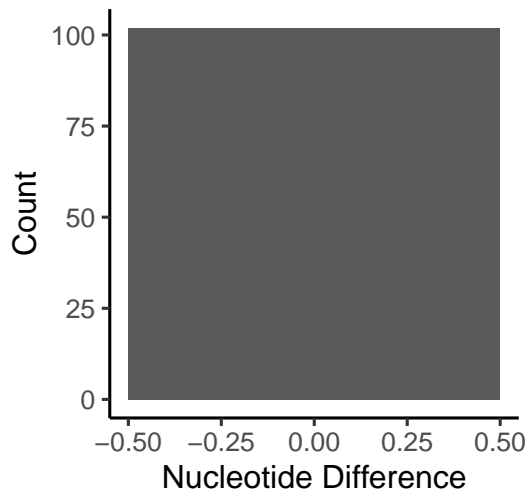
TRBV15*ap02

1857 sequences assigned
1838 (99%) exact matches, in which:
1795 unique CDR3
13 unique J



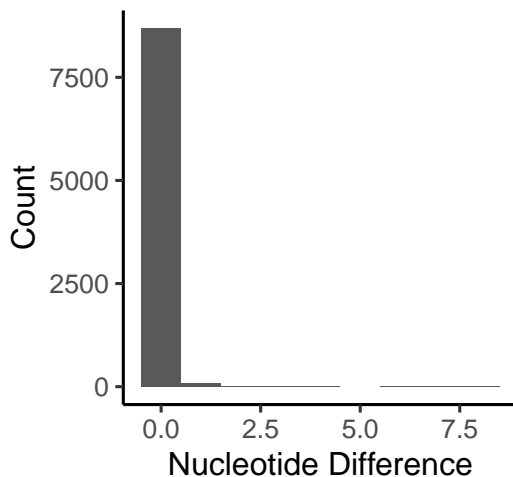
TRBV16*ap01

102 sequences assigned
102 (100%) exact matches, in which:
101 unique CDR3
13 unique J



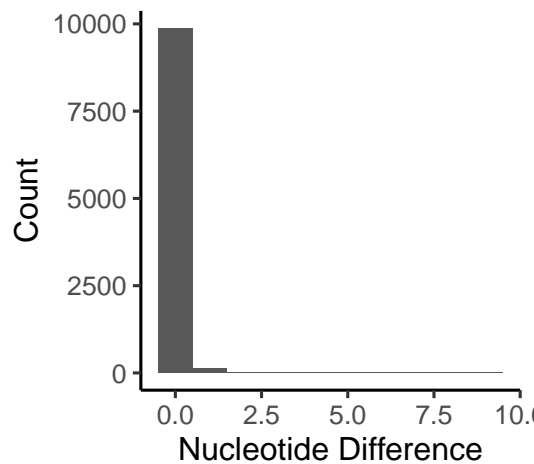
TRBV19*ap01

8789 sequences assigned
8686 (98.8%) exact matches, in which:
8494 unique CDR3
13 unique J



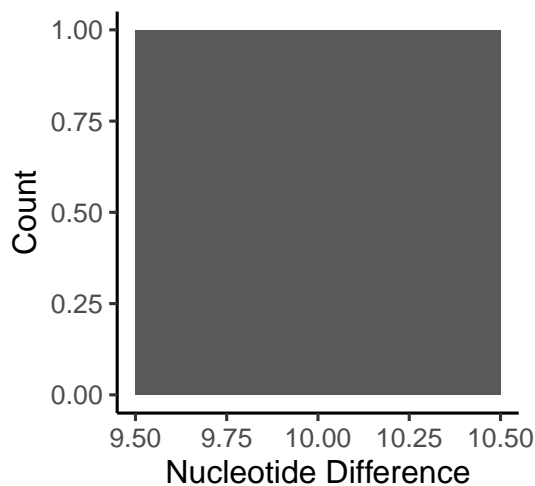
TRBV27*ap01

10021 sequences assigned
9878 (98.6%) exact matches, in which:
9585 unique CDR3
13 unique J



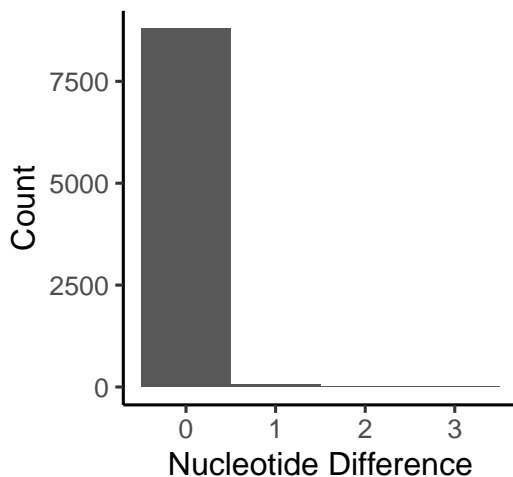
TRBV17*ap01

1 sequences assigned
No exact matches.



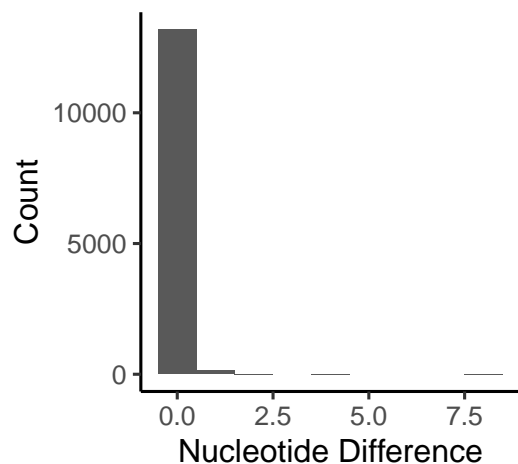
TRBV2*ap01

8870 sequences assigned
8791 (99.1%) exact matches, in which:
8605 unique CDR3
13 unique J



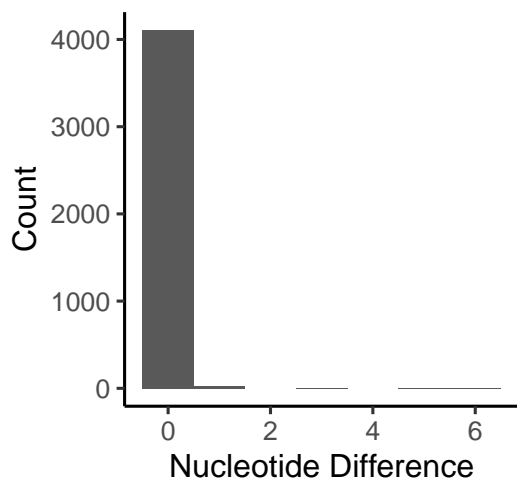
TRBV28*ap01

13334 sequences assigned
13187 (98.9%) exact matches, in which:
12823 unique CDR3
13 unique J



TRBV18*ap01

4140 sequences assigned
4108 (99.2%) exact matches, in which:
4005 unique CDR3
13 unique J



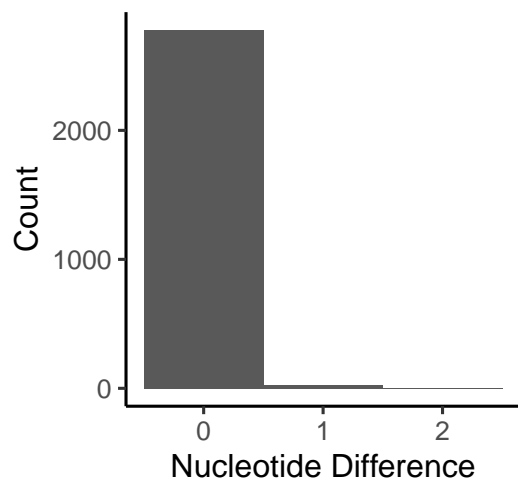
TRBV26*ap01

1 sequences assigned
No exact matches.



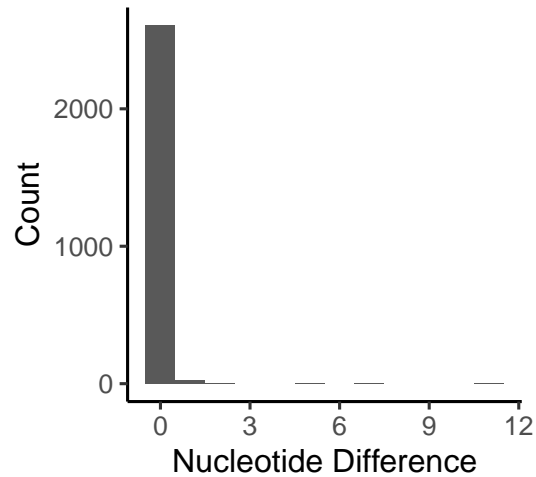
TRBV30*ap01

2807 sequences assigned
2778 (99%) exact matches, in which:
2743 unique CDR3
13 unique J



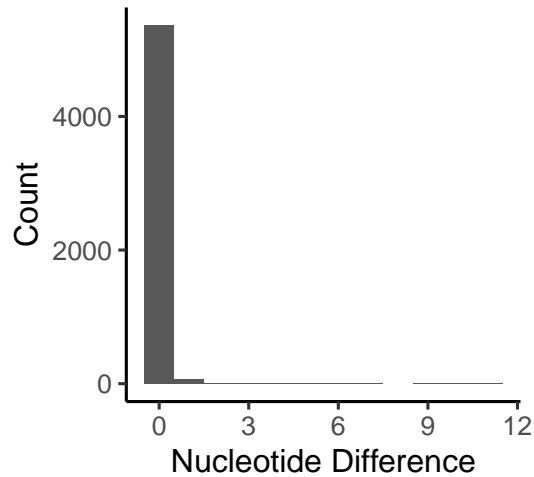
TRBV30*ap02

2640 sequences assigned
2607 (98.8%) exact matches, in which:
2589 unique CDR3
13 unique J



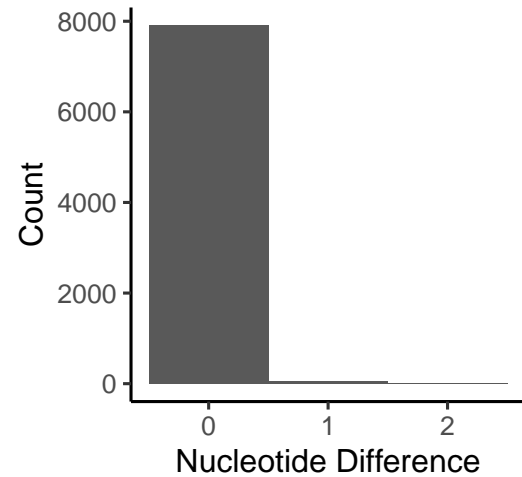
TRBV21-1*ap01

5453 sequences assigned
5362 (98.3%) exact matches, in which:
5218 unique CDR3
13 unique J



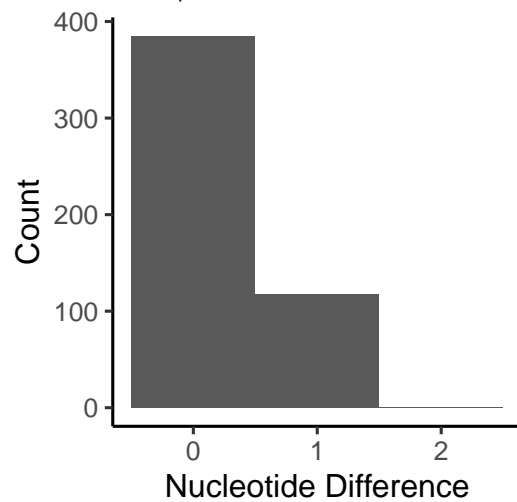
TRBV11-3*ap01

7971 sequences assigned
7908 (99.2%) exact matches, in which:
7732 unique CDR3
13 unique J



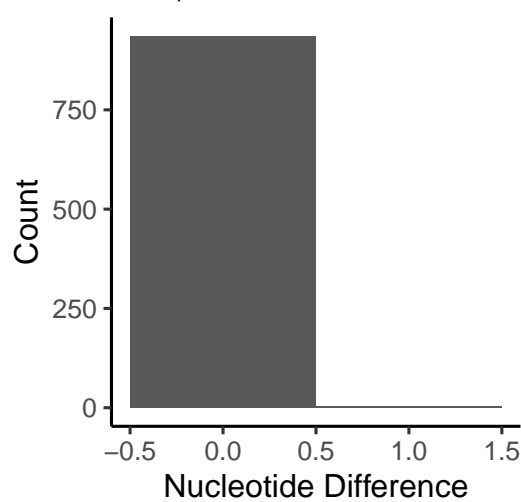
TRBV30*ap03

504 sequences assigned
385 (76.4%) exact matches, in which:
382 unique CDR3
13 unique J



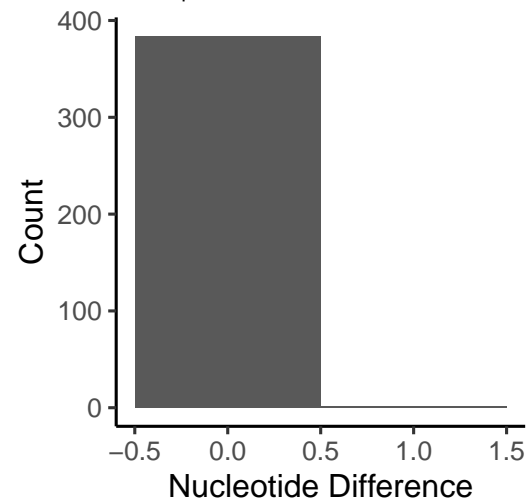
TRBV11-1*ap01

940 sequences assigned
936 (99.6%) exact matches, in which:
916 unique CDR3
13 unique J



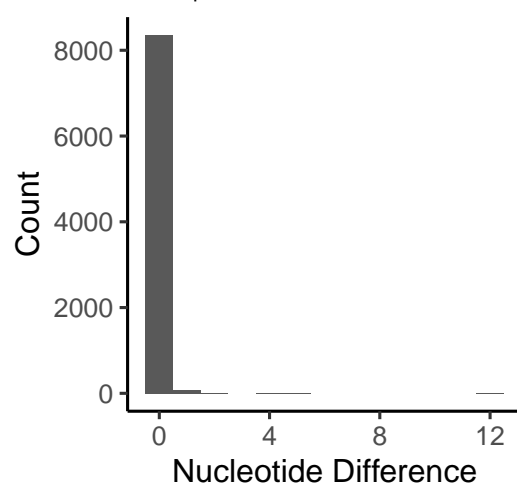
TRBV12-1*ap01

386 sequences assigned
384 (99.5%) exact matches, in which:
373 unique CDR3
13 unique J



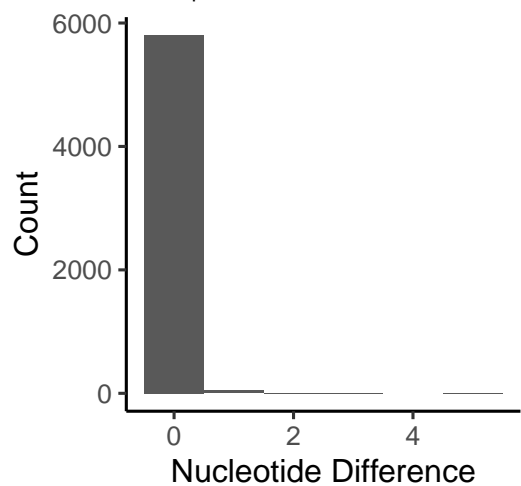
TRBV9*ap01

8435 sequences assigned
8355 (99.1%) exact matches, in which:
8168 unique CDR3
13 unique J



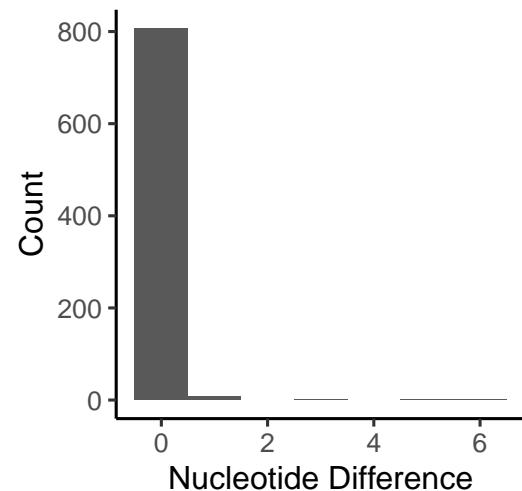
TRBV11-2*ap01

5851 sequences assigned
5805 (99.2%) exact matches, in which:
5656 unique CDR3
13 unique J



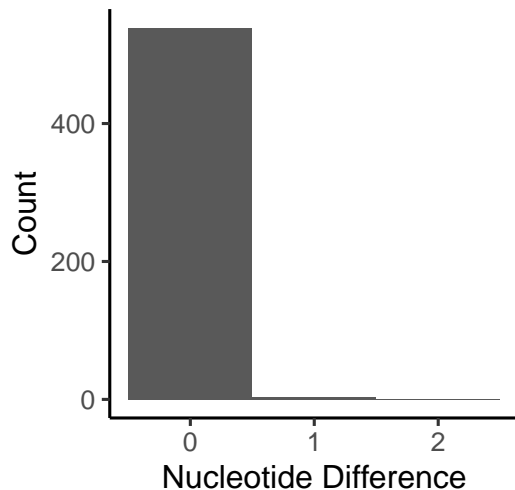
TRBV12-2*ap01

819 sequences assigned
807 (98.5%) exact matches, in which:
785 unique CDR3
13 unique J



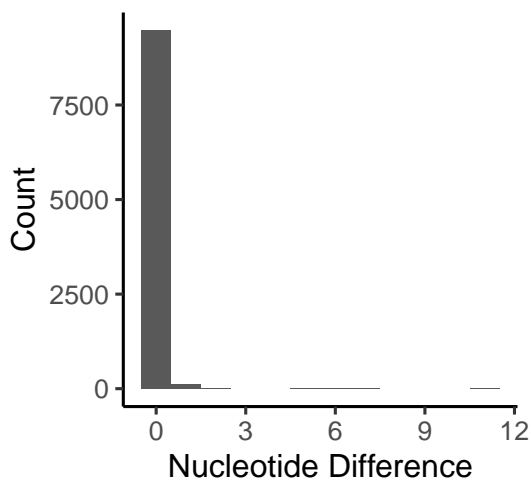
TRBV12–5*ap01

543 sequences assigned
539 (99.3%) exact matches, in which:
525 unique CDR3
13 unique J



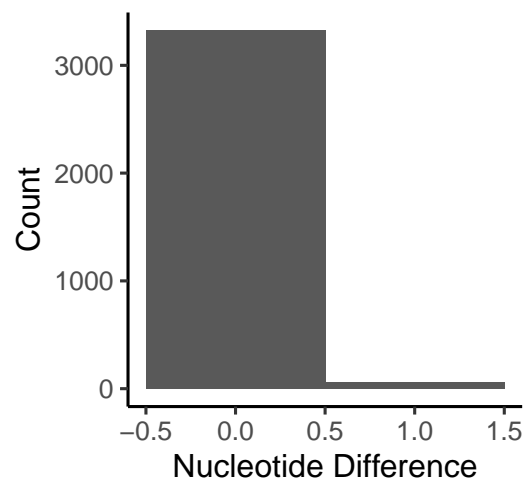
TRBV3–12*ap01

9605 sequences assigned
9472 (98.6%) exact matches, in which:
9201 unique CDR3
13 unique J



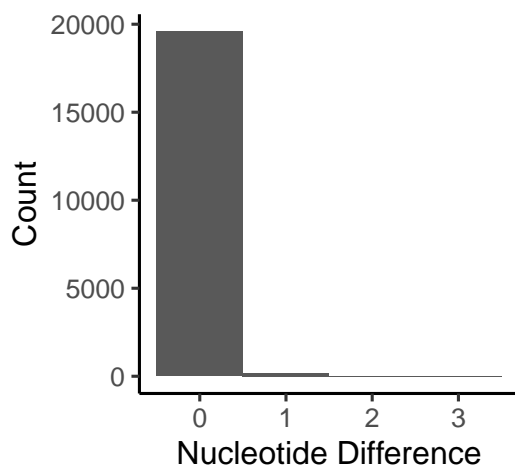
TRBV4–2*ap01

3386 sequences assigned
3324 (98.2%) exact matches, in which:
3250 unique CDR3
13 unique J



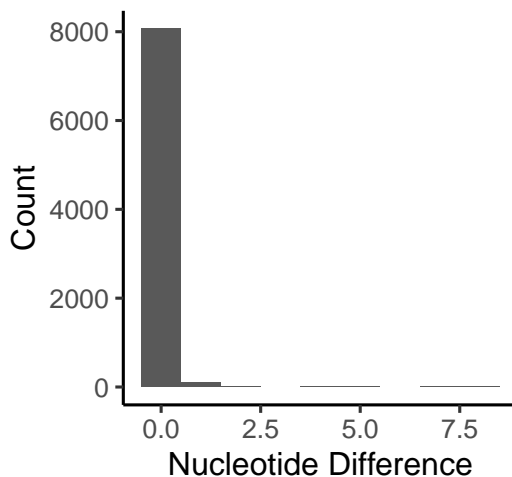
TRBV12–34*ap01

19782 sequences assigned
19588 (99%) exact matches, in which:
19139 unique CDR3
13 unique J



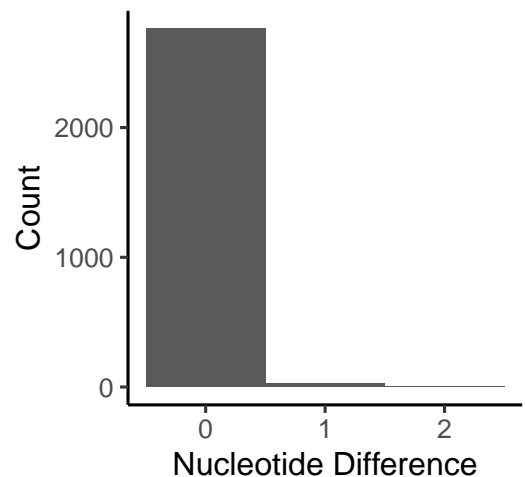
TRBV24–1*ap01

8174 sequences assigned
8067 (98.7%) exact matches, in which:
7948 unique CDR3
13 unique J



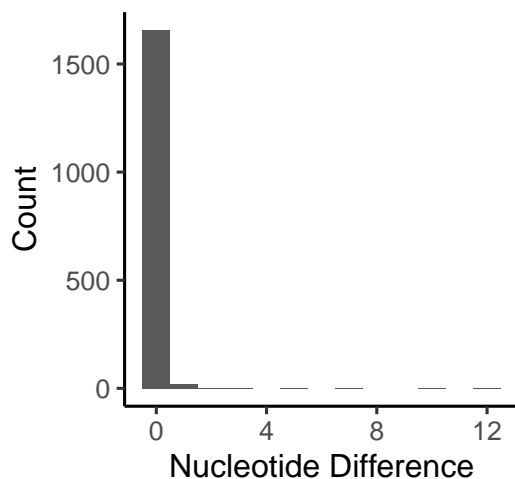
TRBV4–3*ap01

2788 sequences assigned
2762 (99.1%) exact matches, in which:
2719 unique CDR3
13 unique J



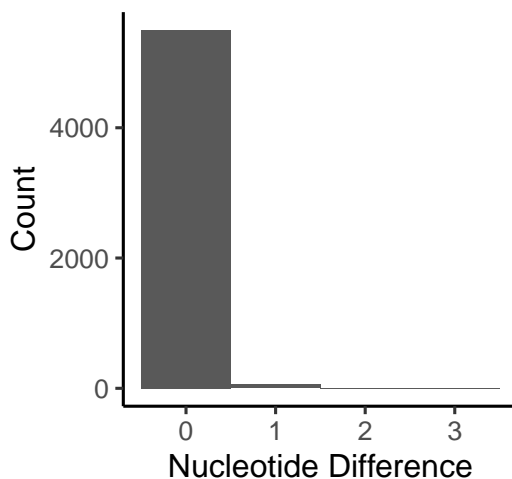
TRBV23–1*ap01

1684 sequences assigned
1657 (98.4%) exact matches, in which:
1612 unique CDR3
13 unique J



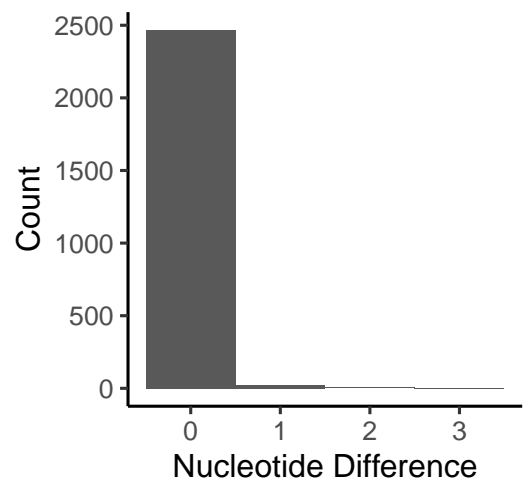
TRBV4–1*ap01

5558 sequences assigned
5500 (99%) exact matches, in which:
5376 unique CDR3
13 unique J



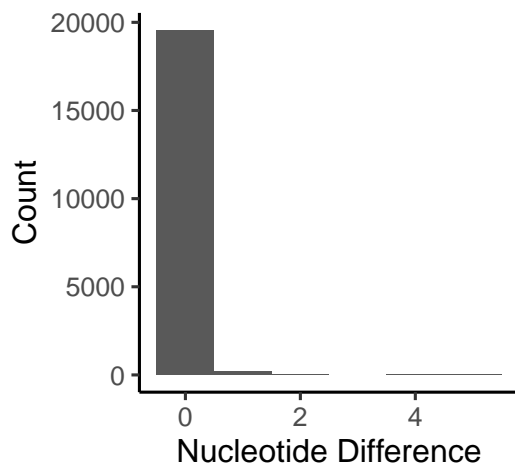
TRBV25–1*ap01

2497 sequences assigned
2467 (98.8%) exact matches, in which:
2411 unique CDR3
13 unique J



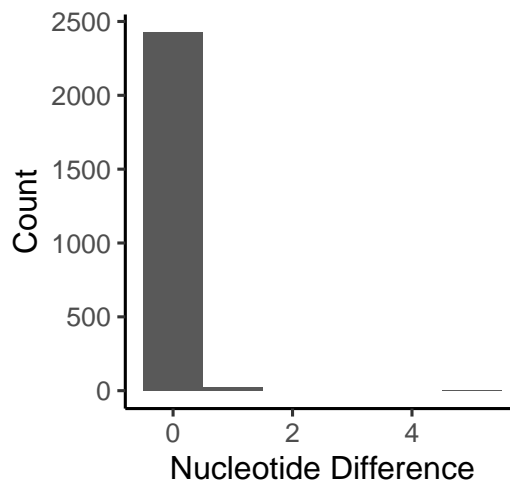
TRBV5-1*ap01

19759 sequences assigned
19557 (99%) exact matches, in which:
19069 unique CDR3
13 unique J



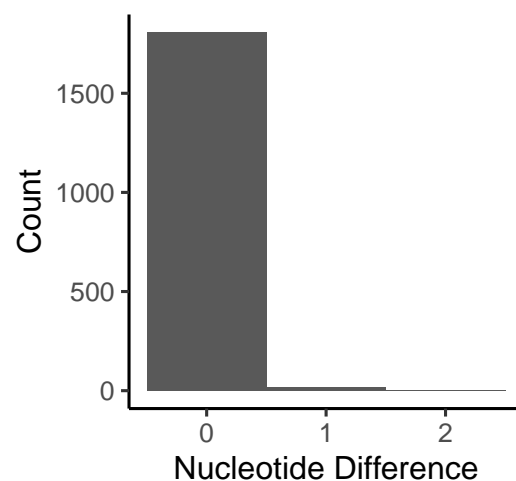
TRBV5-5*ap01

2448 sequences assigned
2426 (99.1%) exact matches, in which:
2387 unique CDR3
13 unique J



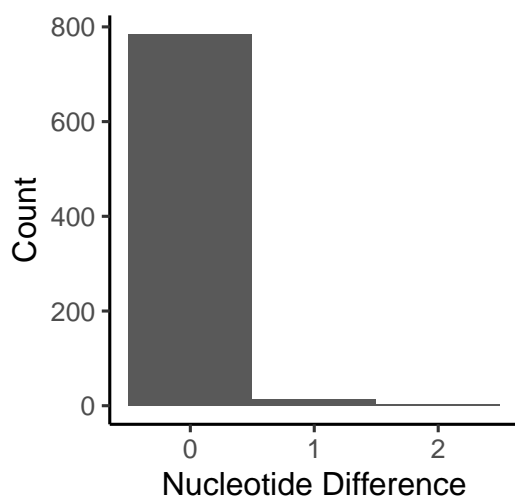
TRBV5-8*ap01

1830 sequences assigned
1807 (98.7%) exact matches, in which:
1752 unique CDR3
13 unique J



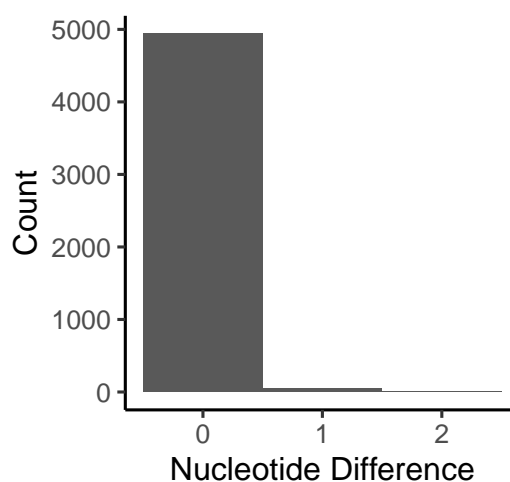
TRBV5-3*ap01

801 sequences assigned
785 (98%) exact matches, in which:
765 unique CDR3
13 unique J



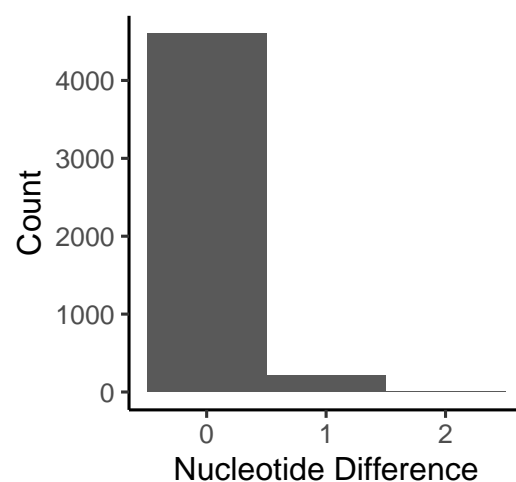
TRBV5-6*ap01

4993 sequences assigned
4940 (98.9%) exact matches, in which:
4805 unique CDR3
13 unique J



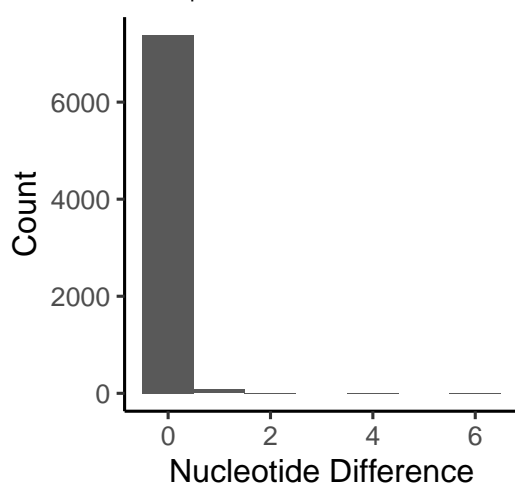
TRBV6-1*ap01

4807 sequences assigned
4600 (95.7%) exact matches, in which:
4483 unique CDR3
13 unique J



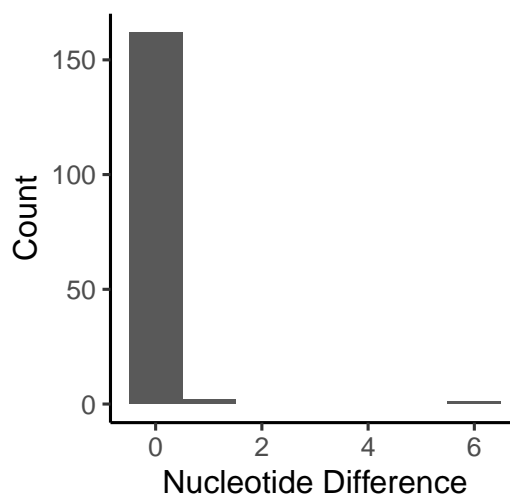
TRBV5-4*ap01

7470 sequences assigned
7382 (98.8%) exact matches, in which:
7189 unique CDR3
13 unique J



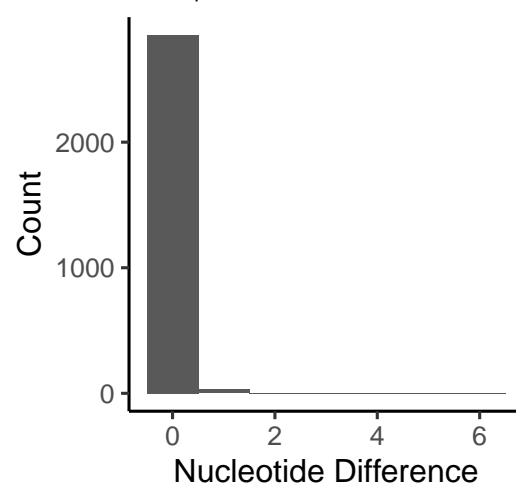
TRBV5-7*ap01

165 sequences assigned
162 (98.2%) exact matches, in which:
160 unique CDR3
13 unique J



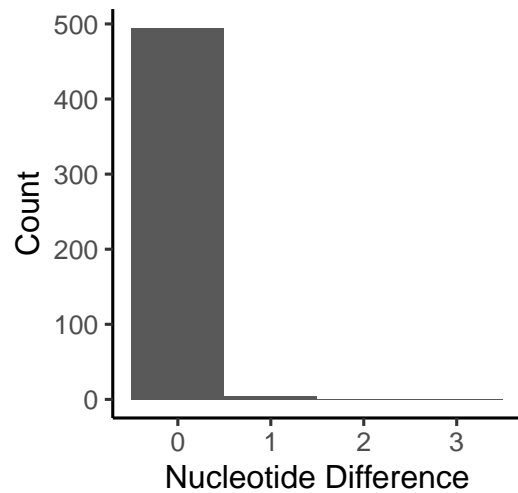
TRBV6-4*ap01

2892 sequences assigned
2853 (98.7%) exact matches, in which:
2768 unique CDR3
13 unique J



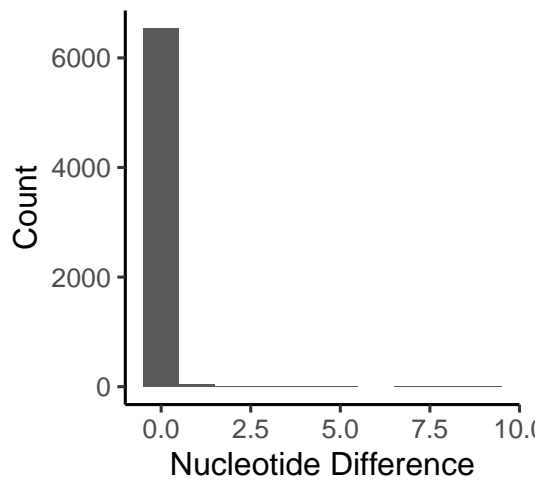
TRBV6-7*ap01

502 sequences assigned
495 (98.6%) exact matches, in which:
486 unique CDR3
13 unique J



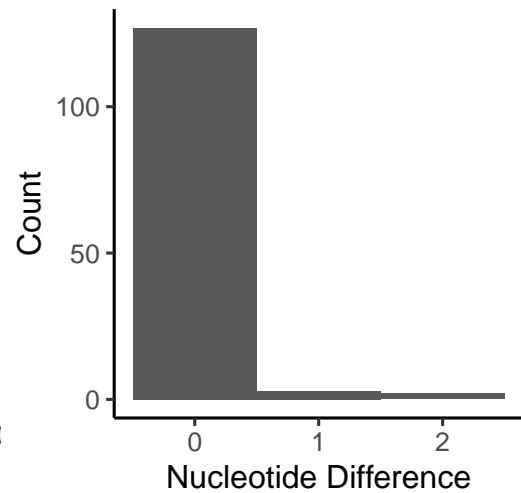
TRBV6-23*ap01

6594 sequences assigned
6538 (99.2%) exact matches, in which:
6402 unique CDR3
13 unique J



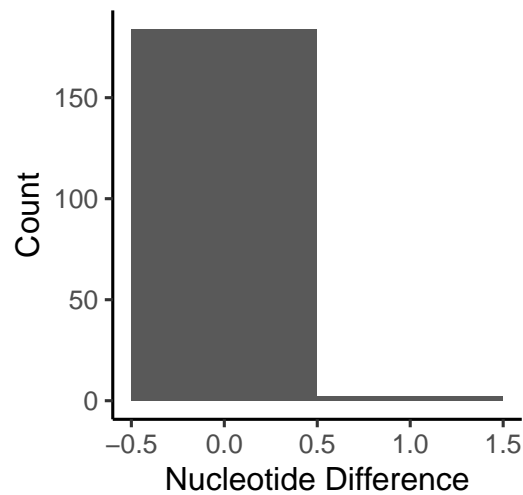
TRBV7-1*ap01_G291C_1

132 sequences assigned
127 (96.2%) exact matches, in which:
126 unique CDR3
13 unique J



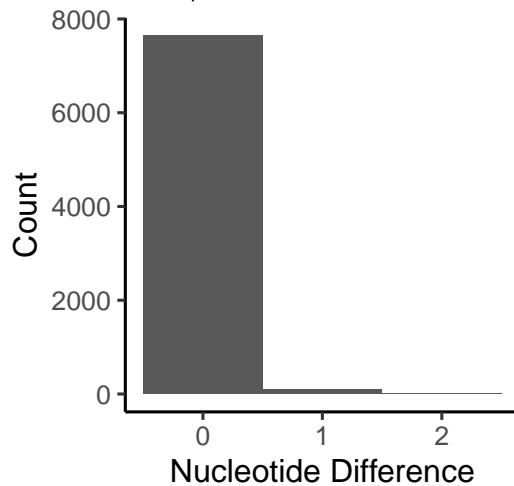
TRBV6-8*ap01

186 sequences assigned
184 (98.9%) exact matches, in which:
179 unique CDR3
12 unique J



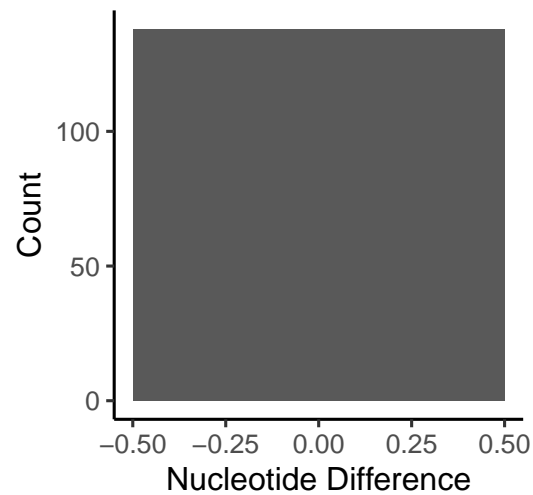
TRBV6-56*ap01

7734 sequences assigned
7642 (98.8%) exact matches, in which:
7451 unique CDR3
13 unique J



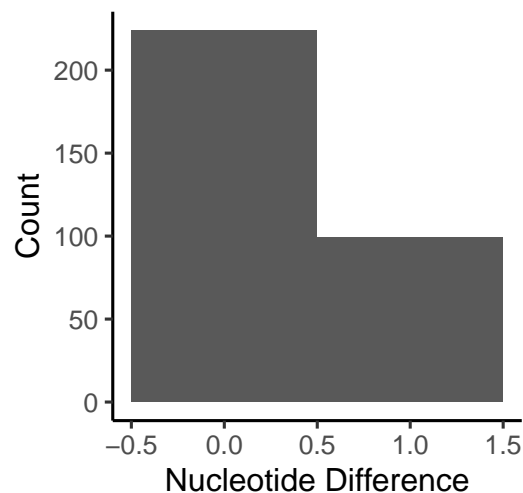
TRBV7-1*ap01_G291C_1

138 sequences assigned
138 (100%) exact matches, in which:
132 unique CDR3
13 unique J



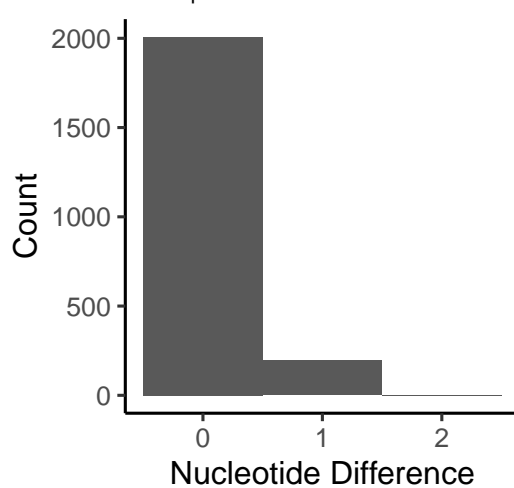
TRBV6-9*ap01

323 sequences assigned
224 (69.3%) exact matches, in which:
213 unique CDR3
13 unique J



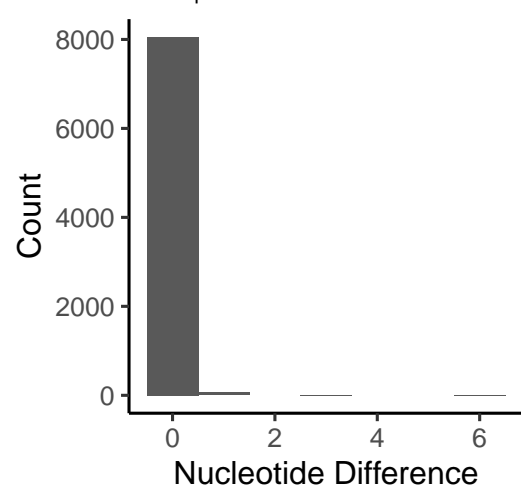
TRBV6-56*ap02

2204 sequences assigned
2007 (91.1%) exact matches, in which:
1956 unique CDR3
13 unique J



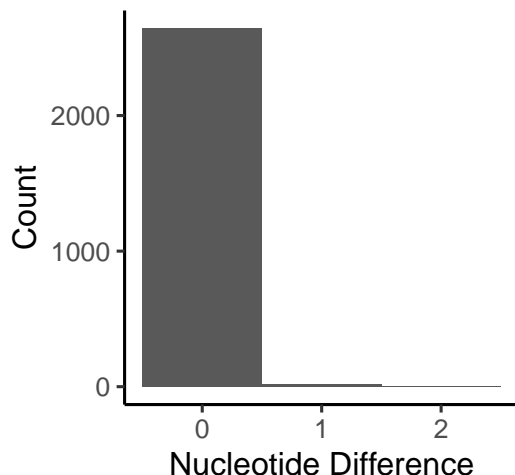
TRBV7-2*ap01

8119 sequences assigned
8054 (99.2%) exact matches, in which:
7827 unique CDR3
13 unique J



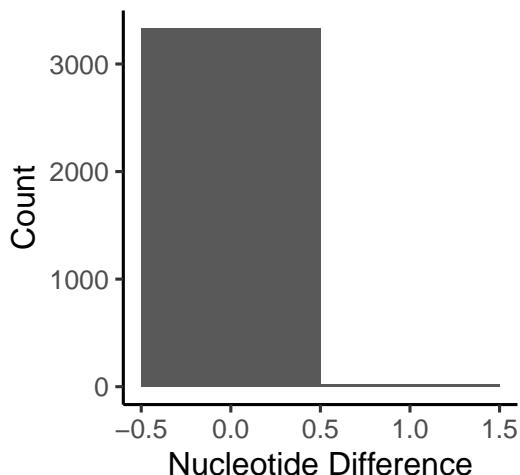
TRBV7-3*ap01

2661 sequences assigned
2643 (99.3%) exact matches, in which:
2582 unique CDR3
13 unique J



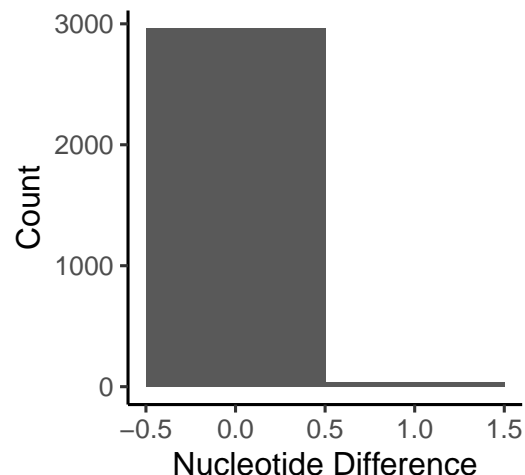
TRBV7-6*ap01

3358 sequences assigned
3331 (99.2%) exact matches, in which:
3244 unique CDR3
13 unique J



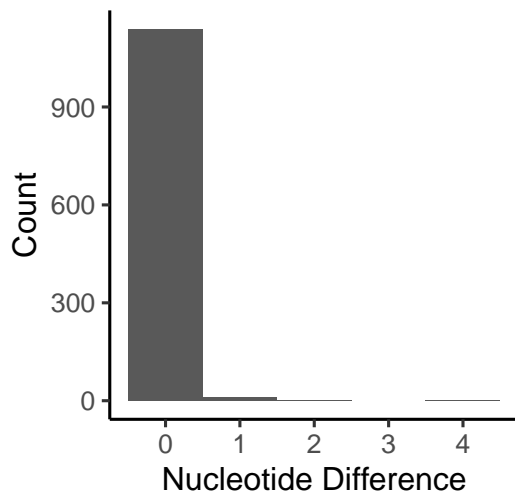
TRBV7-8*ap01

2997 sequences assigned
2962 (98.8%) exact matches, in which:
2881 unique CDR3
13 unique J



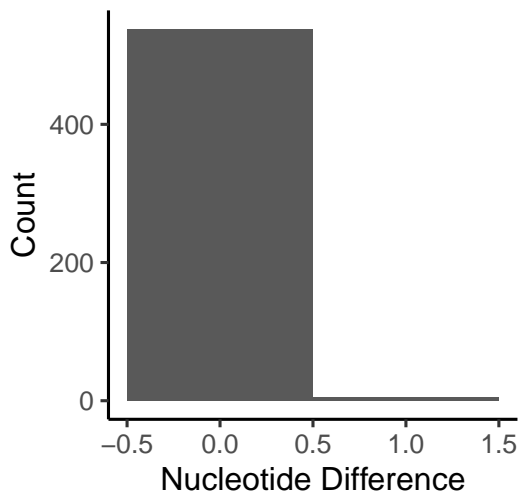
TRBV7-3*ap03

1151 sequences assigned
1139 (99%) exact matches, in which:
1102 unique CDR3
13 unique J



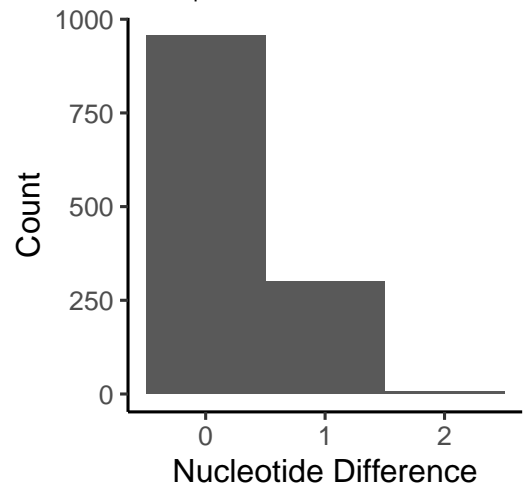
TRBV7-7*ap01

543 sequences assigned
538 (99.1%) exact matches, in which:
529 unique CDR3
13 unique J



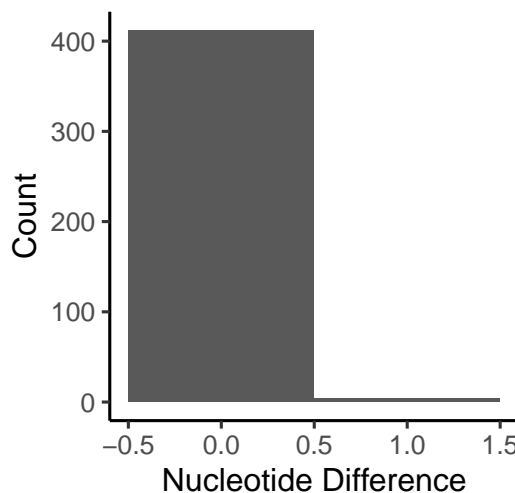
TRBV7-8*ap03

1262 sequences assigned
956 (75.8%) exact matches, in which:
935 unique CDR3
14 unique J



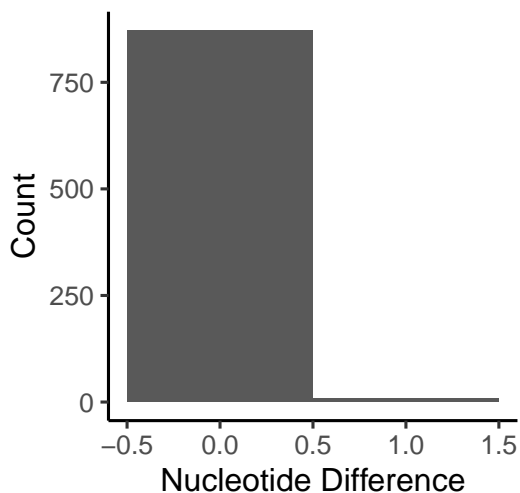
TRBV7-4*ap01

416 sequences assigned
412 (99%) exact matches, in which:
398 unique CDR3
13 unique J



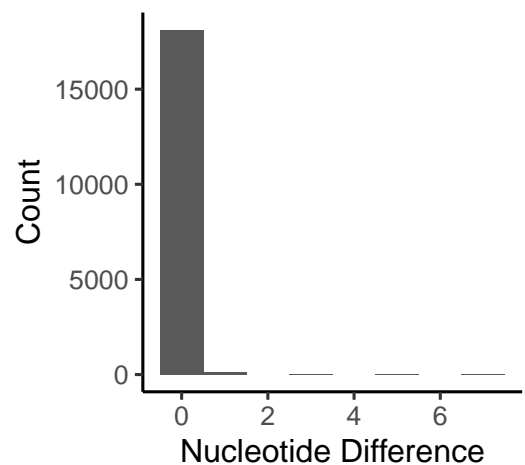
TRBV7-7*ap01_C315T

881 sequences assigned
872 (99%) exact matches, in which:
849 unique CDR3
13 unique J



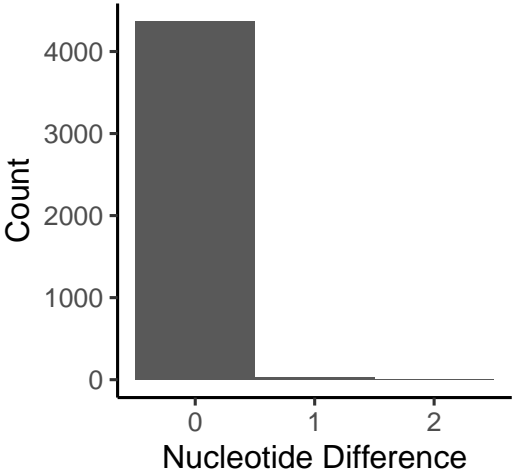
TRBV7-9*ap01

18267 sequences assigned
18121 (99.2%) exact matches, in which:
17772 unique CDR3
13 unique J



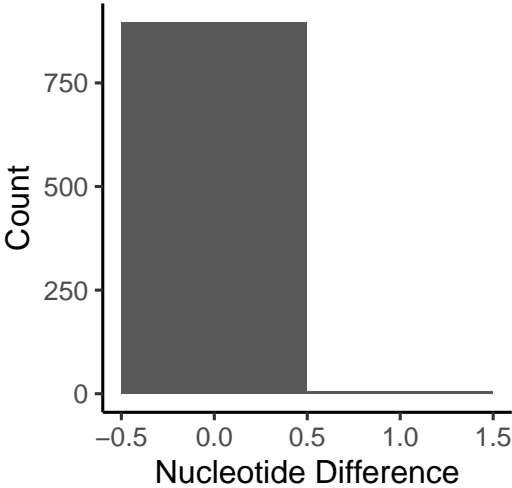
TRBV29-1*ap01

4404 sequences assigned
4367 (99.2%) exact matches, in which:
4294 unique CDR3
13 unique J

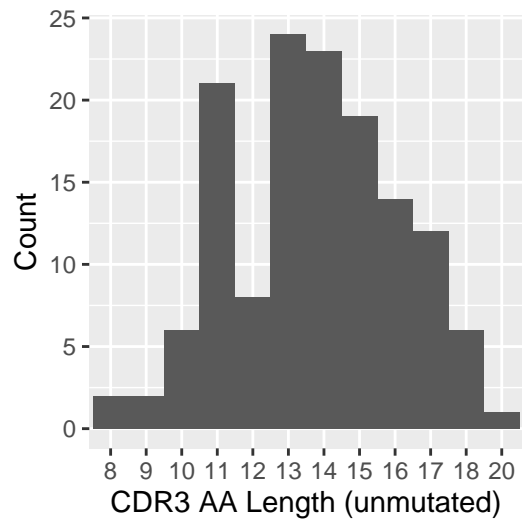


TRBV29-1*ap02

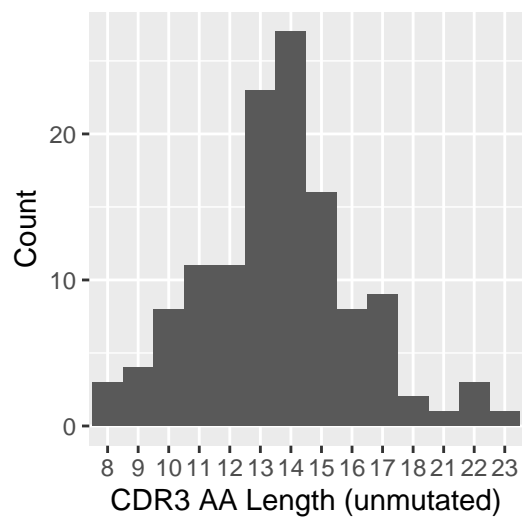
902 sequences assigned
897 (99.4%) exact matches, in which:
882 unique CDR3
13 unique J



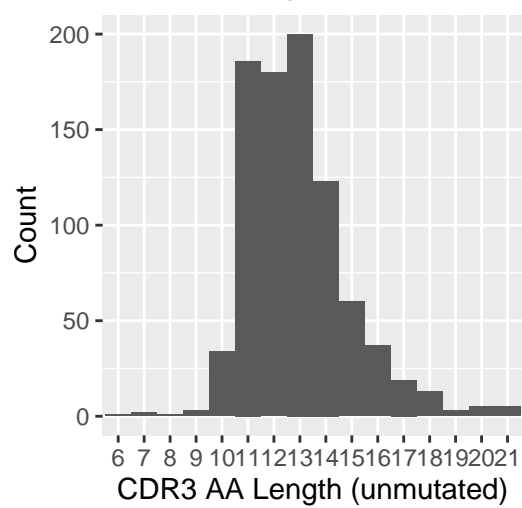
TRBV7-1*ap01_G291C_T296C_C314T

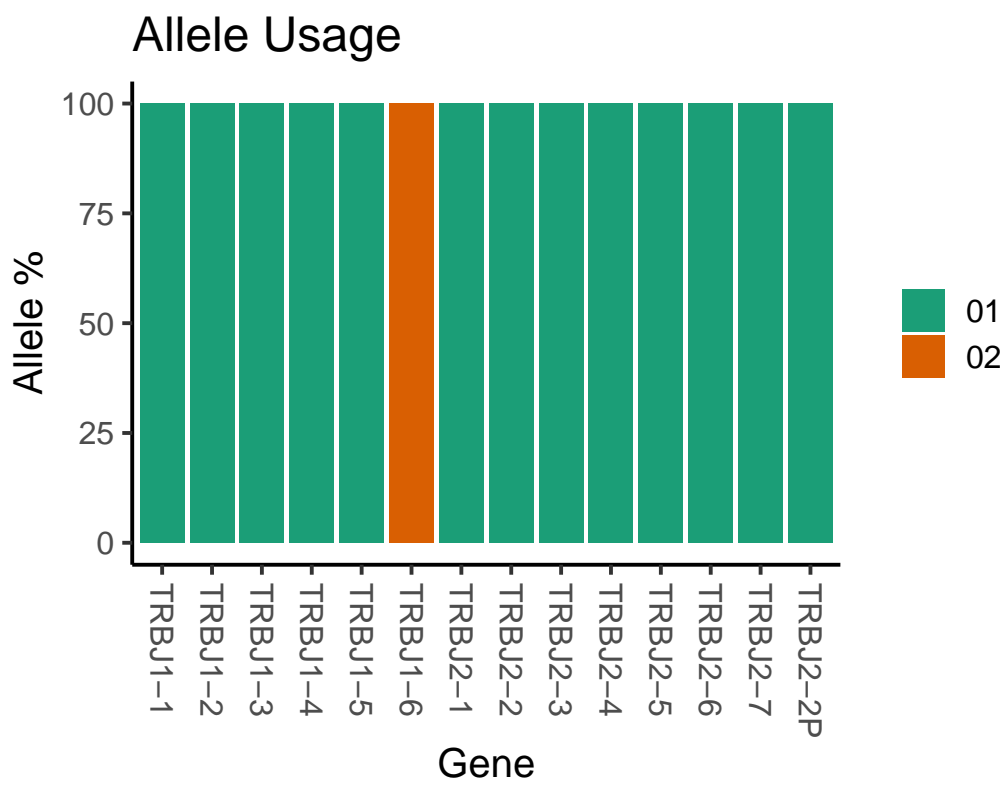


TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.