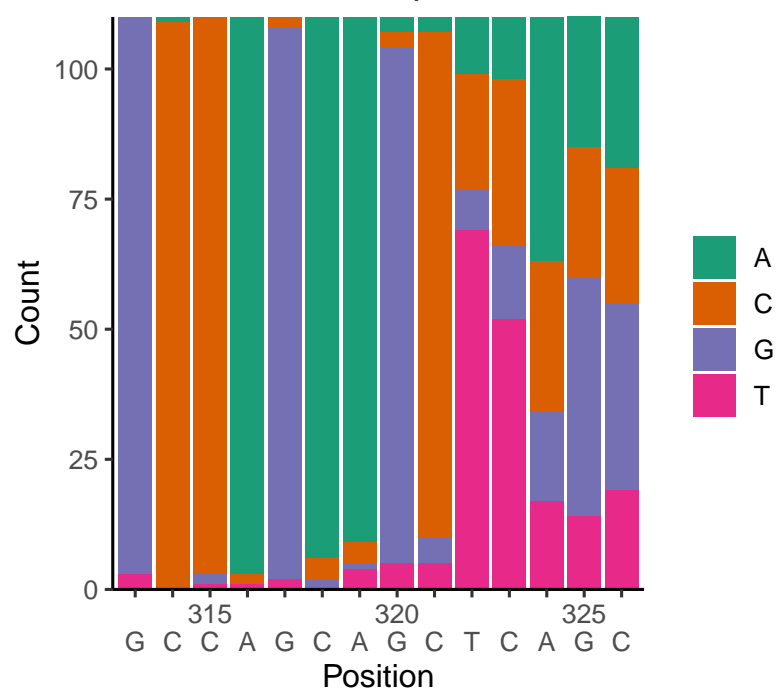
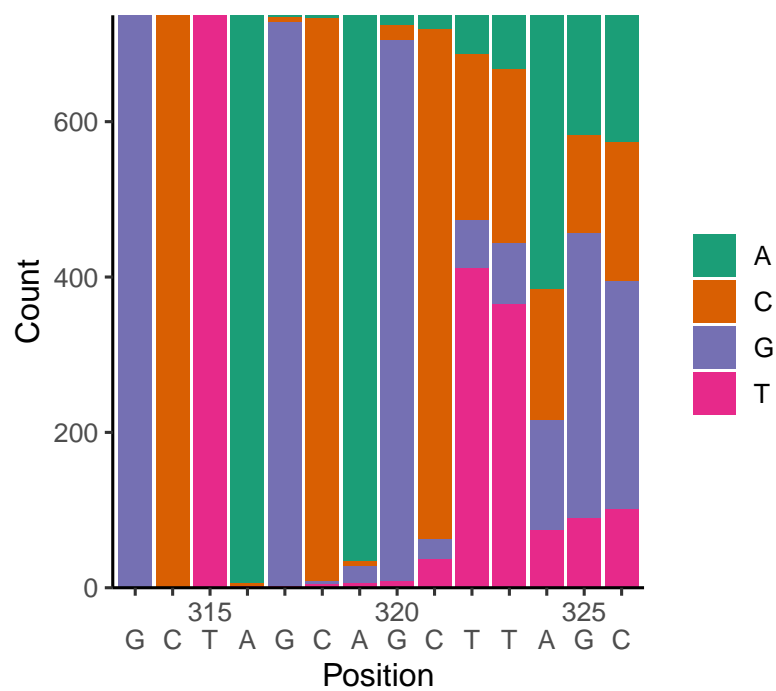


Gene TRBV7-1*ap01_G291C_T296C



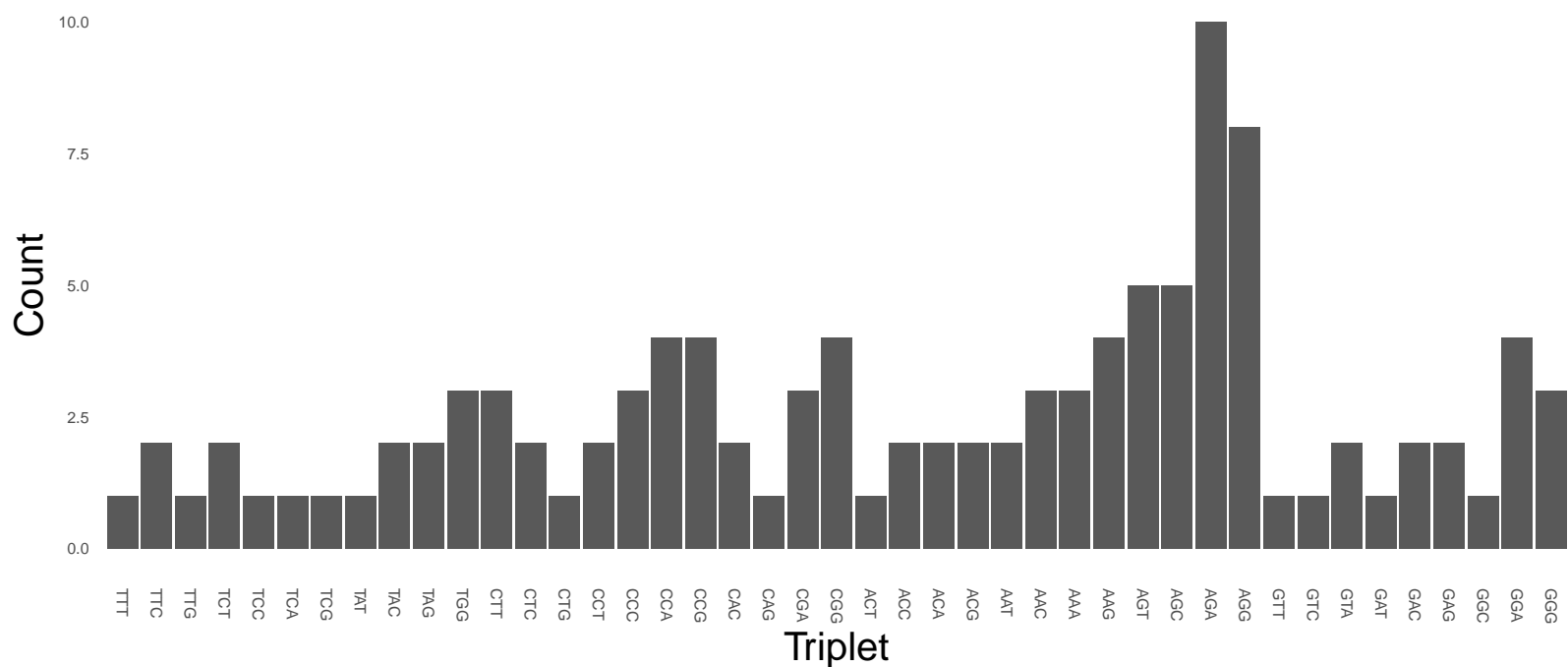
Gene TRBV7-7*ap01_C315T



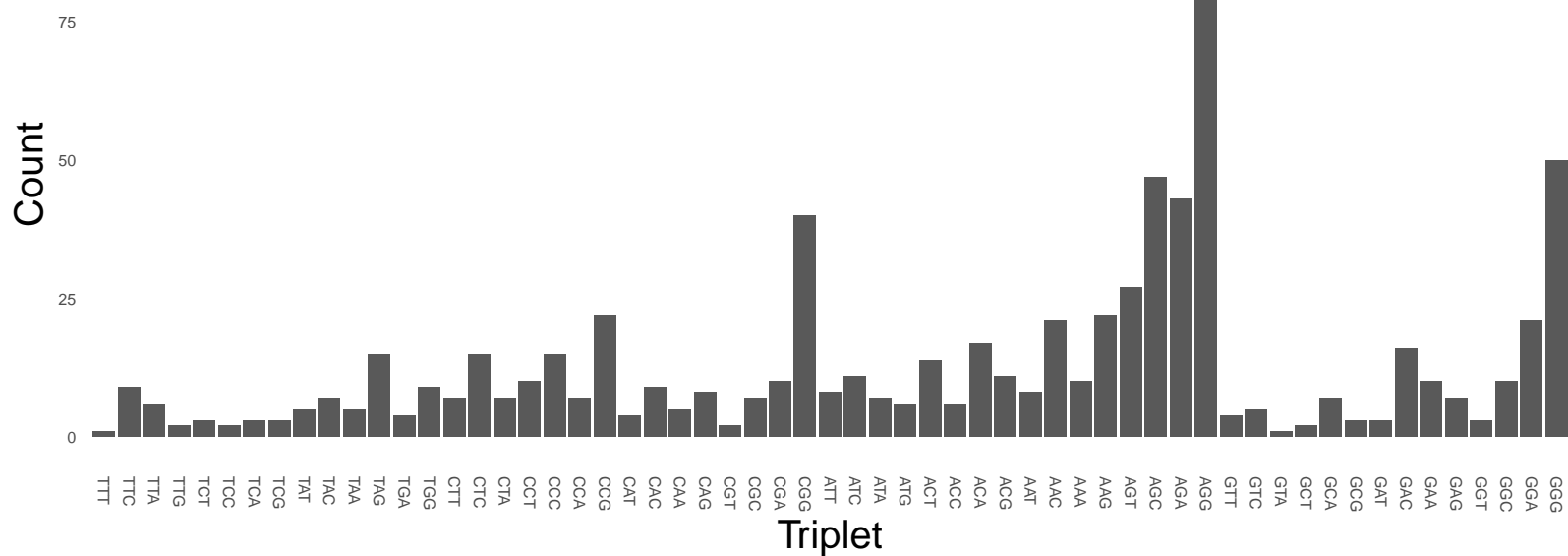
Gene TRBV7-1*ap01_G291C_T296C



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

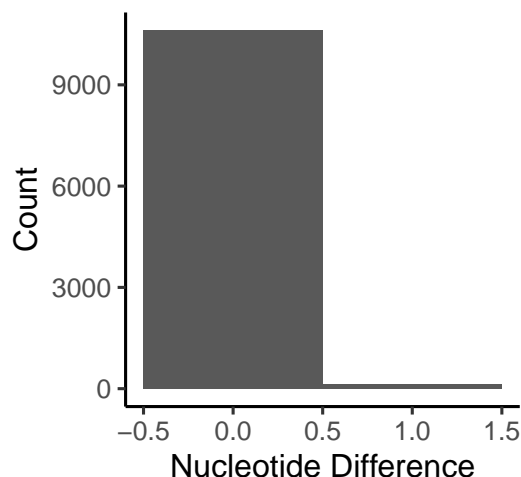


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



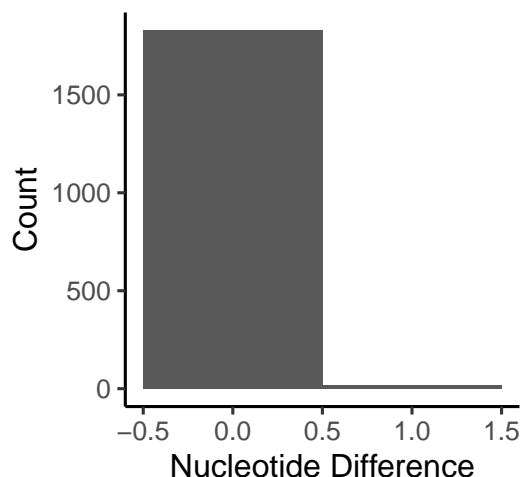
TRBV20-1*ap01

10745 sequences assigned
10612 (98.8%) exact matches, in which:
10430 unique CDR3
13 unique J



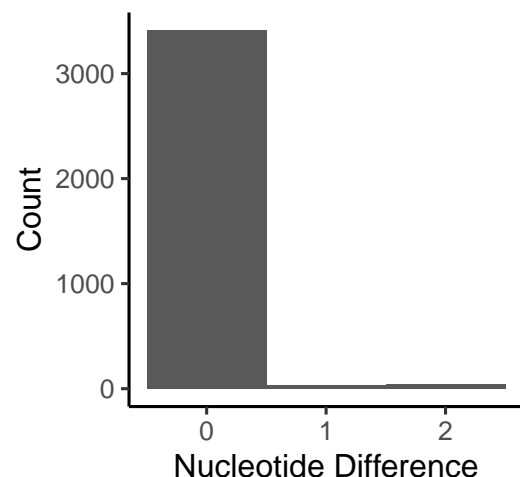
TRBV10-2*ap01

1849 sequences assigned
1829 (98.9%) exact matches, in which:
1793 unique CDR3
13 unique J



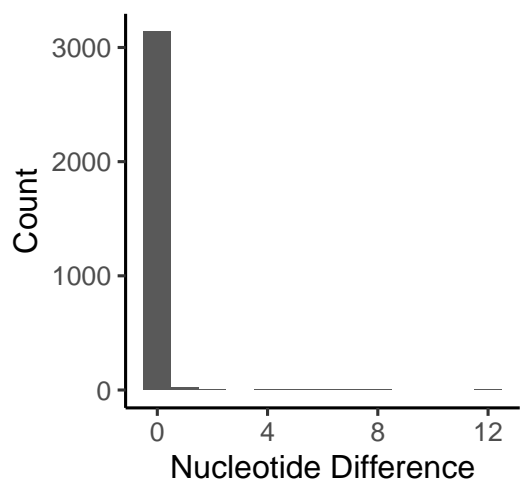
TRBV13*ap01

3492 sequences assigned
3411 (97.7%) exact matches, in which:
3329 unique CDR3
13 unique J



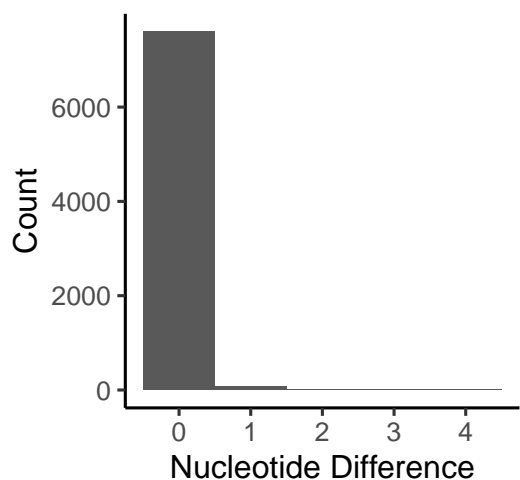
TRBV10-1*ap01

3173 sequences assigned
3138 (98.9%) exact matches, in which:
3079 unique CDR3
13 unique J



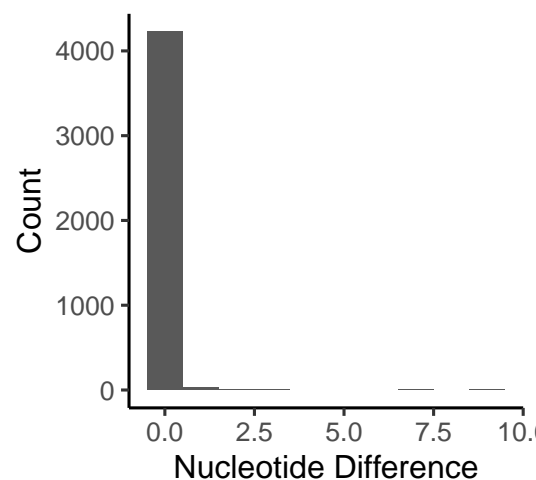
TRBV10-3*ap01

7688 sequences assigned
7598 (98.8%) exact matches, in which:
7465 unique CDR3
13 unique J



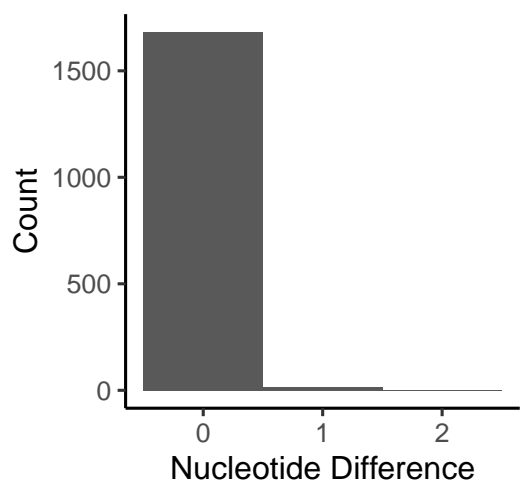
TRBV14*ap01

4267 sequences assigned
4226 (99%) exact matches, in which:
4157 unique CDR3
13 unique J



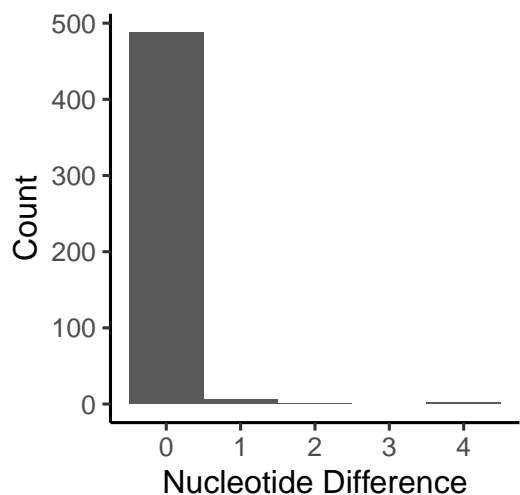
TRBV20-1*ap02

1698 sequences assigned
1682 (99.1%) exact matches, in which:
1651 unique CDR3
13 unique J



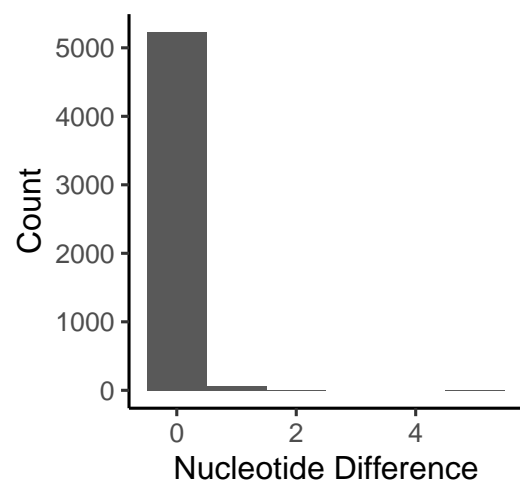
TRBV1*ap01

497 sequences assigned
488 (98.2%) exact matches, in which:
483 unique CDR3
13 unique J



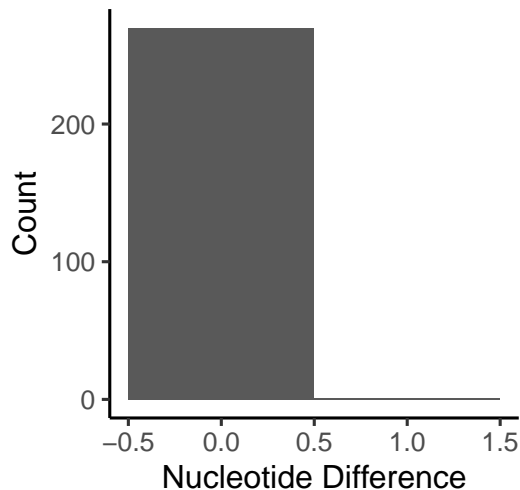
TRBV15*ap02

5297 sequences assigned
5230 (98.7%) exact matches, in which:
5133 unique CDR3
13 unique J



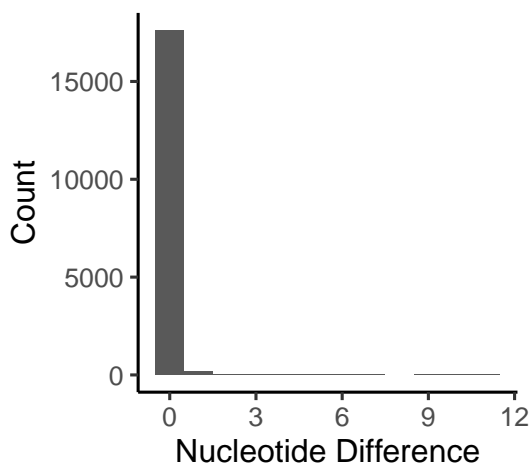
TRBV16*ap01

271 sequences assigned
270 (99.6%) exact matches, in which:
269 unique CDR3
13 unique J



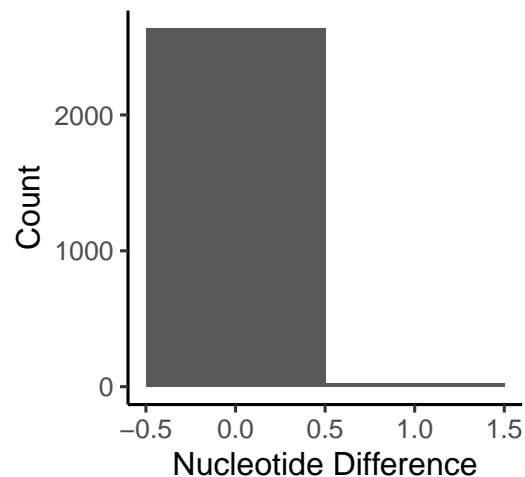
TRBV19*ap01

17844 sequences assigned
17623 (98.8%) exact matches, in which:
17432 unique CDR3
13 unique J



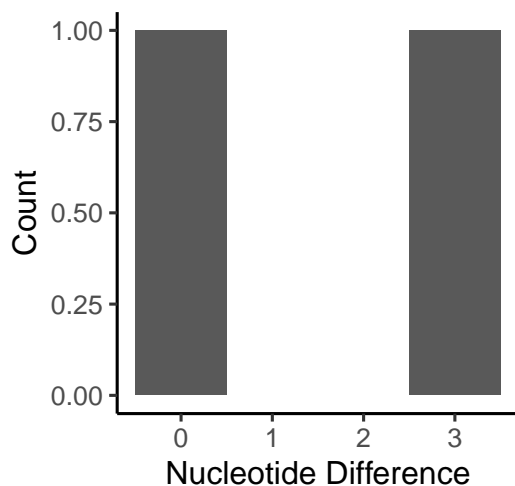
TRBV28*ap01

2662 sequences assigned
2637 (99.1%) exact matches, in which:
2597 unique CDR3
13 unique J



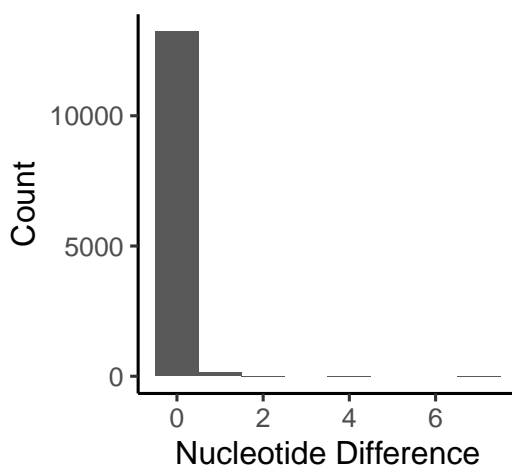
TRBV17*ap01

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



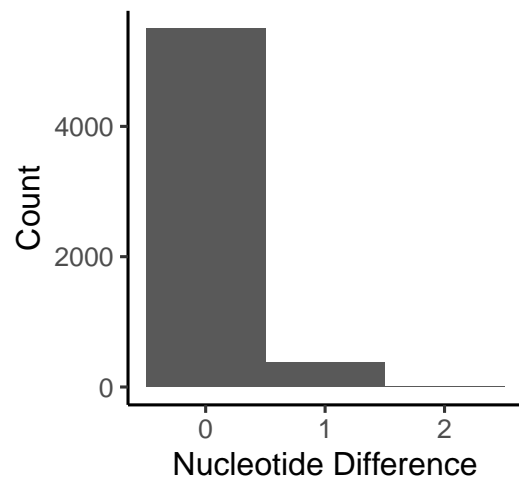
TRBV2*ap01

13399 sequences assigned
13236 (98.8%) exact matches, in which:
12982 unique CDR3
13 unique J



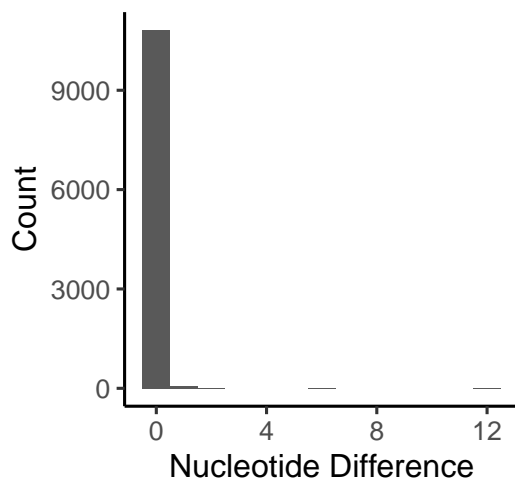
TRBV30*ap01

5889 sequences assigned
5499 (93.4%) exact matches, in which:
5430 unique CDR3
13 unique J



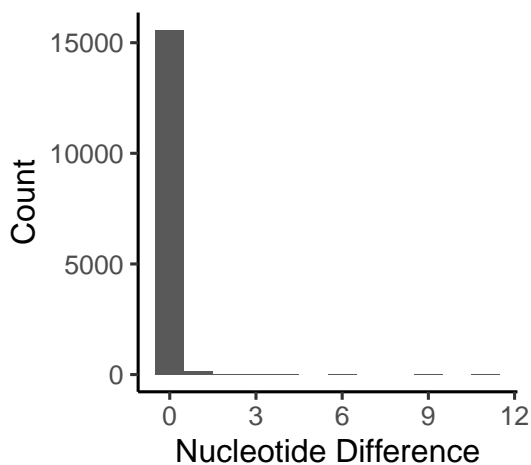
TRBV18*ap01

10887 sequences assigned
10818 (99.4%) exact matches, in which:
10684 unique CDR3
13 unique J



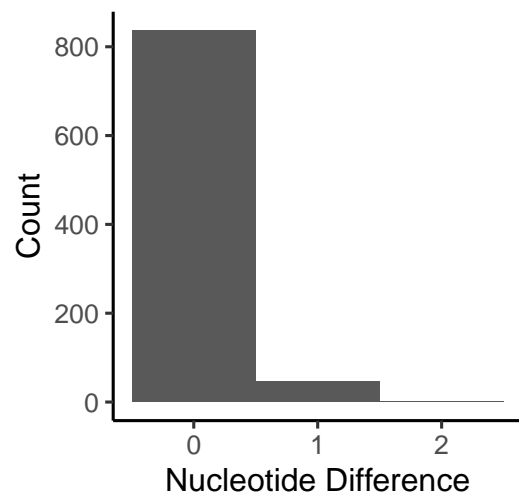
TRBV27*ap01

15771 sequences assigned
15584 (98.8%) exact matches, in which:
15206 unique CDR3
13 unique J



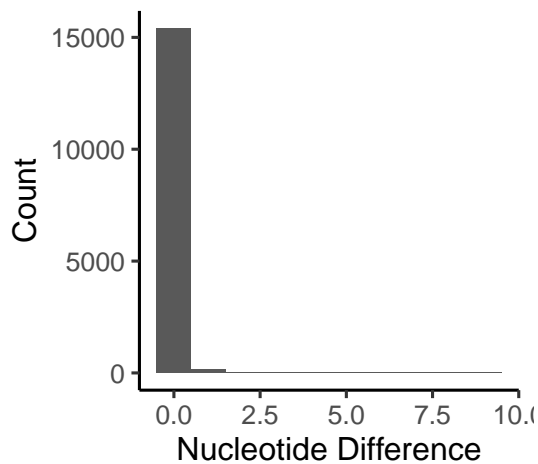
TRBV30*ap03

886 sequences assigned
837 (94.5%) exact matches, in which:
827 unique CDR3
13 unique J



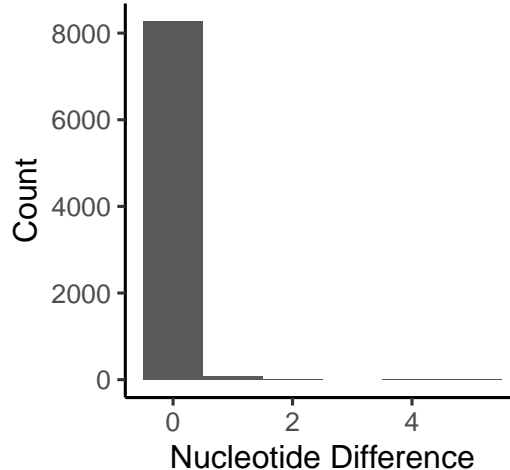
TRBV9*ap01

15574 sequences assigned
15413 (99%) exact matches, in which:
15143 unique CDR3
13 unique J



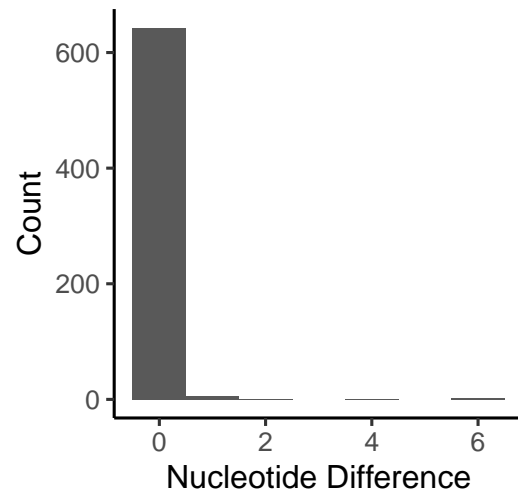
TRBV11-2*ap01

8345 sequences assigned
8270 (99.1%) exact matches, in which:
8139 unique CDR3
13 unique J



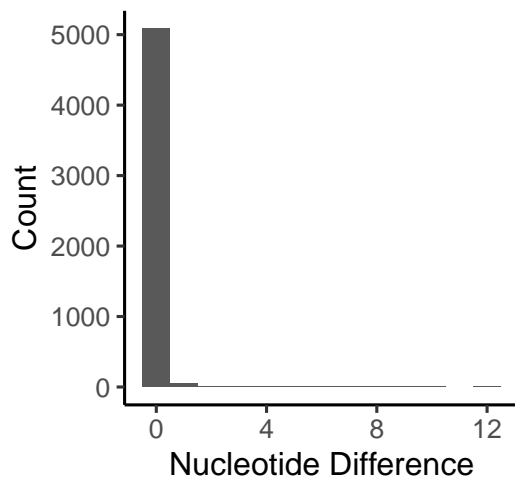
TRBV12-2*ap01

653 sequences assigned
643 (98.5%) exact matches, in which:
632 unique CDR3
13 unique J



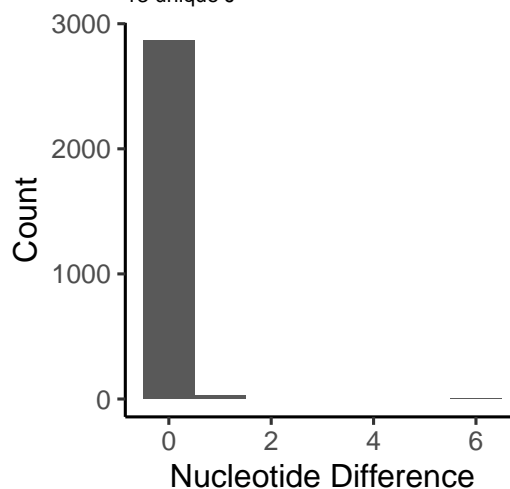
TRBV21-1*ap01

5166 sequences assigned
5084 (98.4%) exact matches, in which:
5007 unique CDR3
13 unique J



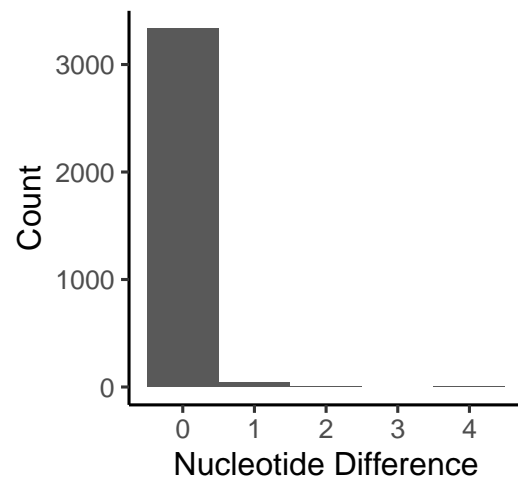
TRBV11-3*ap01

2890 sequences assigned
2864 (99.1%) exact matches, in which:
2814 unique CDR3
13 unique J



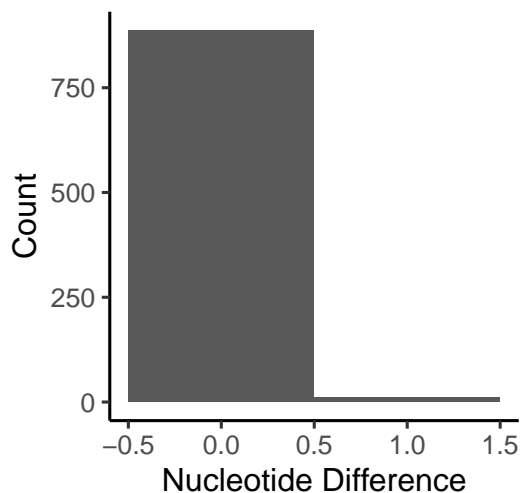
TRBV12-5*ap01

3376 sequences assigned
3333 (98.7%) exact matches, in which:
3274 unique CDR3
13 unique J



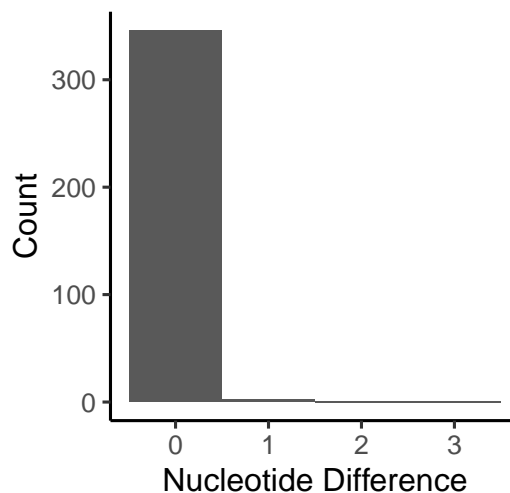
TRBV11-1*ap01

897 sequences assigned
887 (98.9%) exact matches, in which:
878 unique CDR3
13 unique J



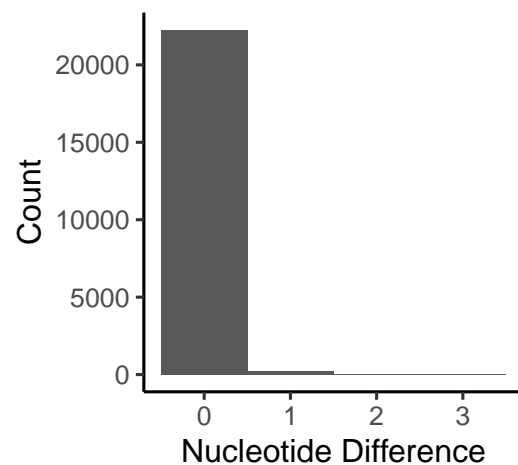
TRBV12-1*ap01

350 sequences assigned
346 (98.9%) exact matches, in which:
340 unique CDR3
13 unique J



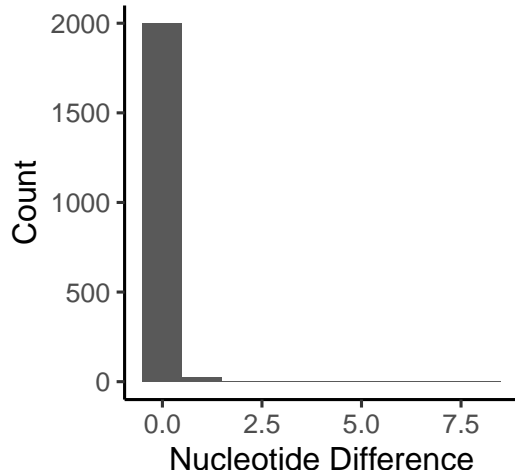
TRBV12-34*ap01

22512 sequences assigned
22267 (98.9%) exact matches, in which:
21858 unique CDR3
13 unique J



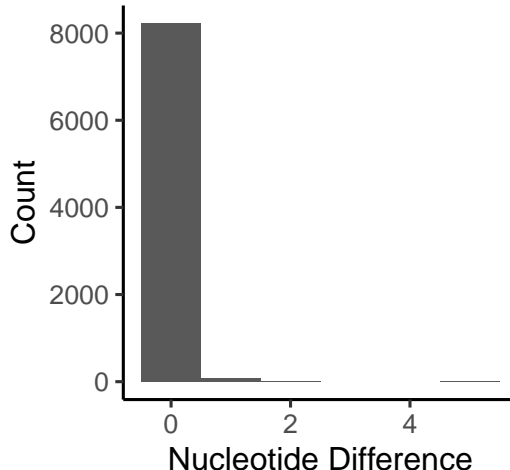
TRBV23-1*ap01

2039 sequences assigned
1999 (98%) exact matches, in which:
1967 unique CDR3
13 unique J



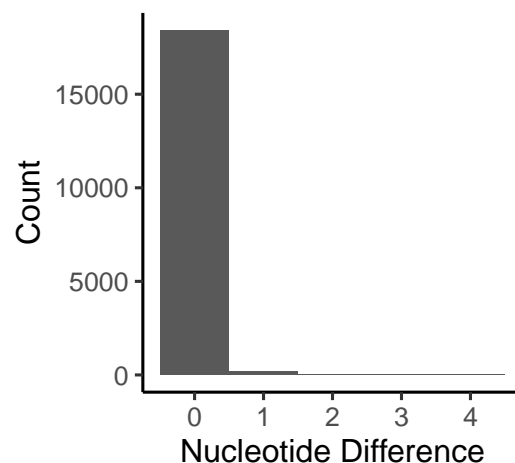
TRBV4-1*ap01

8311 sequences assigned
8223 (98.9%) exact matches, in which:
8052 unique CDR3
13 unique J



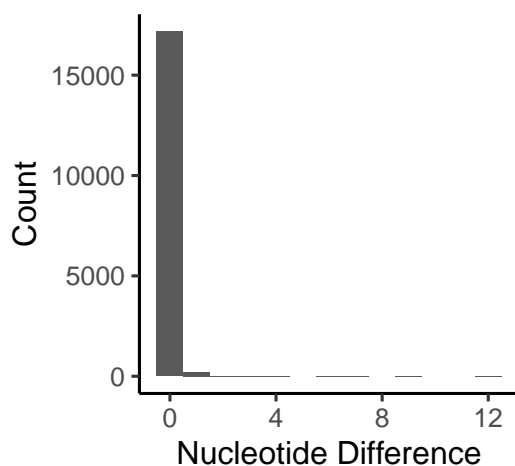
TRBV5-1*ap01

18641 sequences assigned
18423 (98.8%) exact matches, in which:
17957 unique CDR3
13 unique J



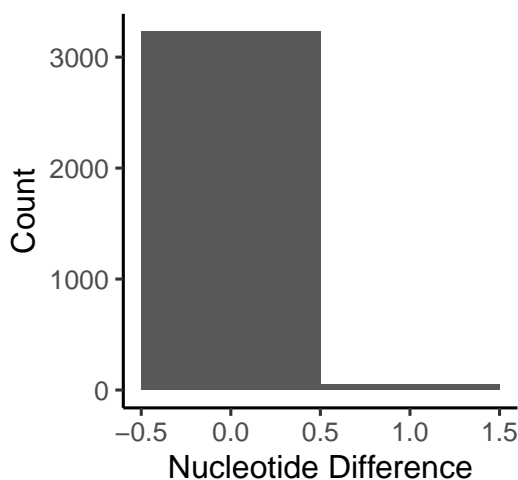
TRBV3-12*ap01

17405 sequences assigned
17177 (98.7%) exact matches, in which:
16840 unique CDR3
13 unique J



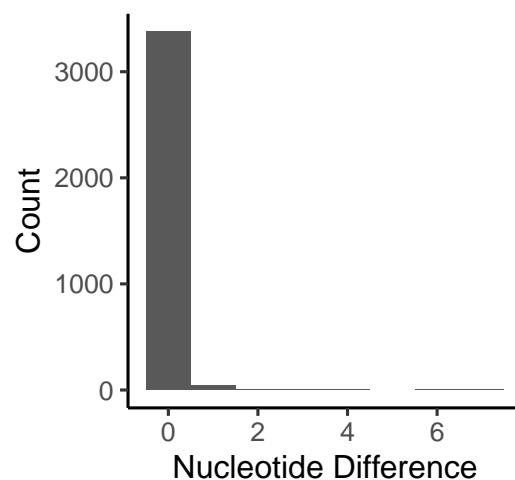
TRBV4-2*ap01

3279 sequences assigned
3229 (98.5%) exact matches, in which:
3180 unique CDR3
13 unique J



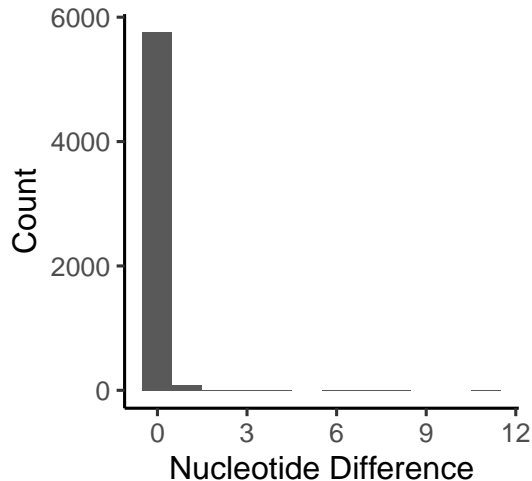
TRBV25-1*ap01

3422 sequences assigned
3377 (98.7%) exact matches, in which:
3304 unique CDR3
13 unique J



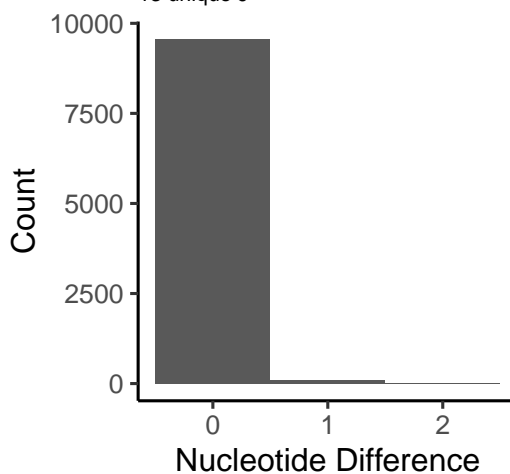
TRBV24-1*ap01

5862 sequences assigned
5761 (98.3%) exact matches, in which:
5678 unique CDR3
13 unique J



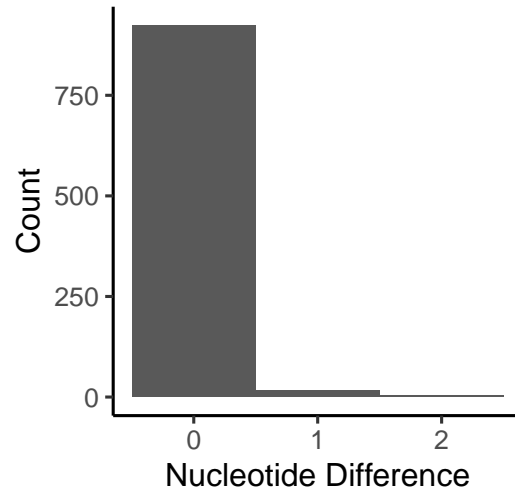
TRBV4-3*ap01

9683 sequences assigned
9571 (98.8%) exact matches, in which:
9404 unique CDR3
13 unique J



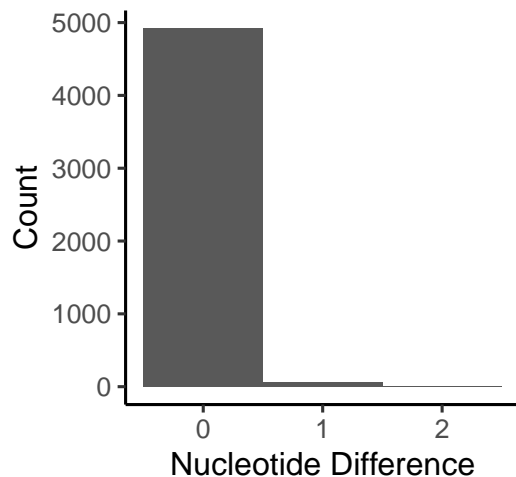
TRBV5-3*ap01

945 sequences assigned
924 (97.8%) exact matches, in which:
907 unique CDR3
13 unique J



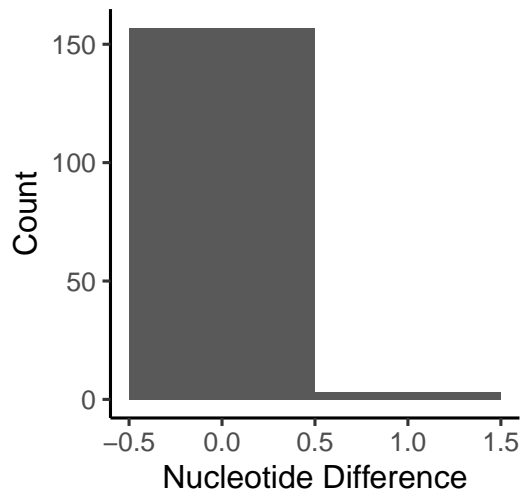
TRBV5-4*ap01

4981 sequences assigned
4920 (98.8%) exact matches, in which:
4815 unique CDR3
13 unique J



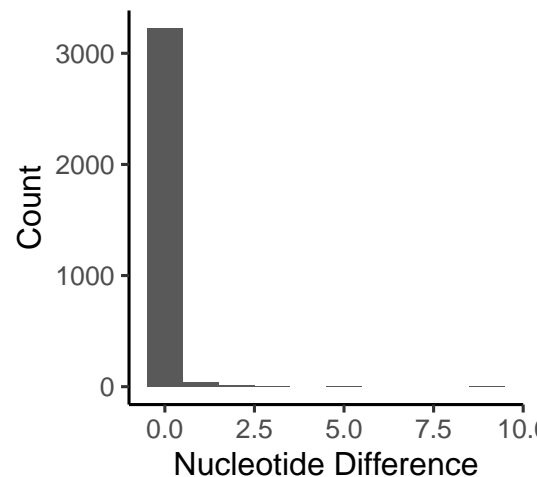
TRBV5-7*ap01

160 sequences assigned
157 (98.1%) exact matches, in which:
156 unique CDR3
13 unique J



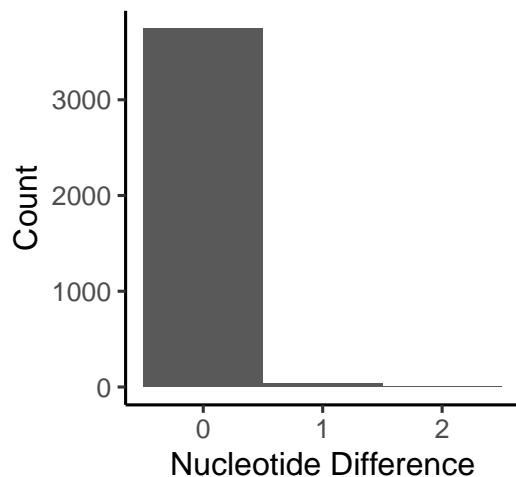
TRBV6-4*ap01

3278 sequences assigned
3224 (98.4%) exact matches, in which:
3174 unique CDR3
13 unique J



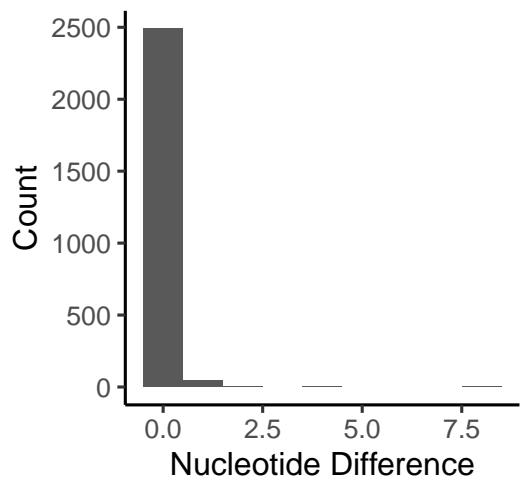
TRBV5-5*ap01

3776 sequences assigned
3742 (99.1%) exact matches, in which:
3703 unique CDR3
13 unique J



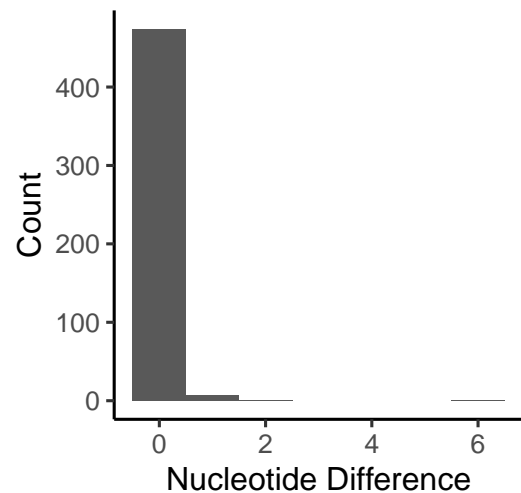
TRBV5-8*ap01

2540 sequences assigned
2490 (98%) exact matches, in which:
2454 unique CDR3
13 unique J



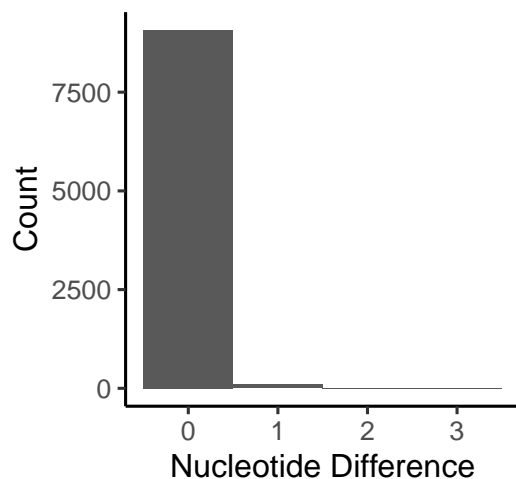
TRBV6-7*ap01

483 sequences assigned
474 (98.1%) exact matches, in which:
469 unique CDR3
13 unique J



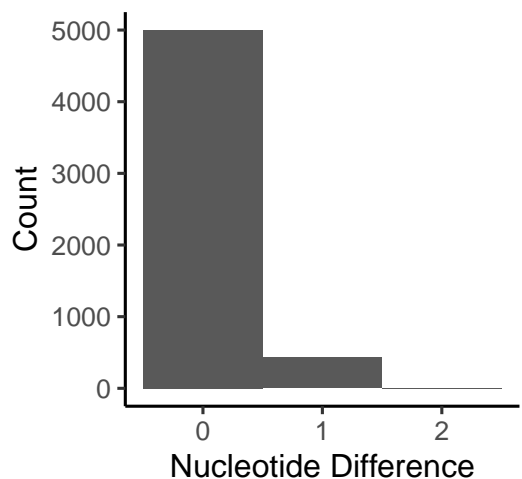
TRBV5-6*ap01

9174 sequences assigned
9074 (98.9%) exact matches, in which:
8857 unique CDR3
13 unique J



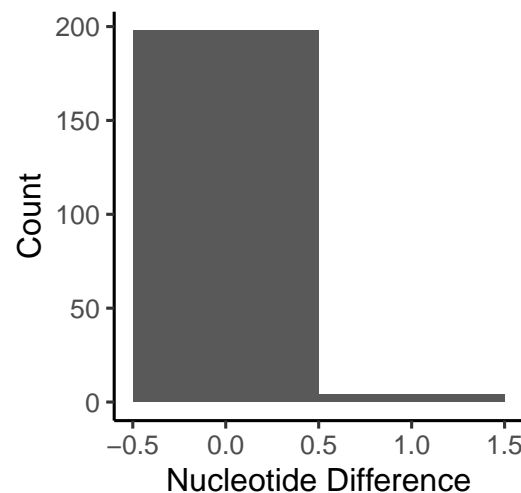
TRBV6-1*ap01

5435 sequences assigned
5000 (92%) exact matches, in which:
4892 unique CDR3
13 unique J



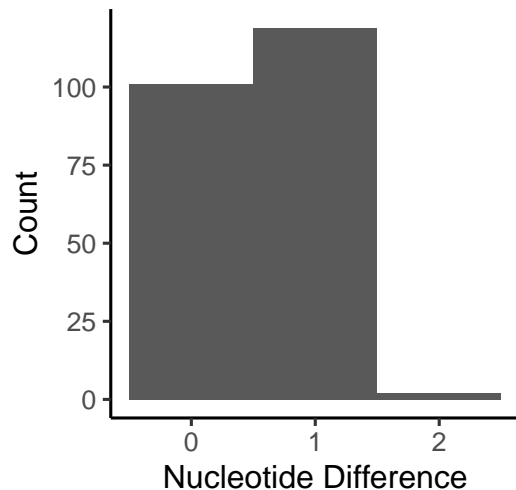
TRBV6-8*ap01

202 sequences assigned
198 (98%) exact matches, in which:
193 unique CDR3
13 unique J



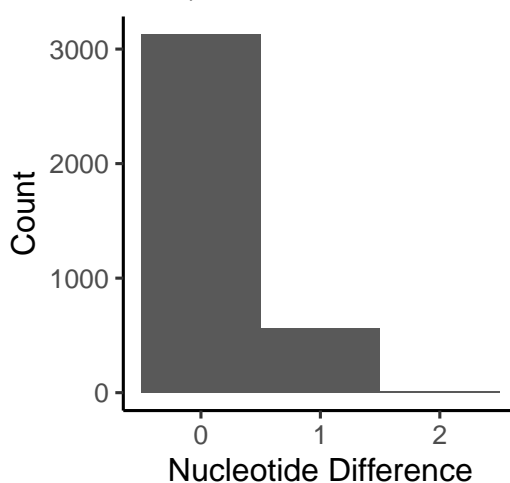
TRBV6-9*ap01

222 sequences assigned
101 (45.5%) exact matches, in which:
98 unique CDR3
13 unique J



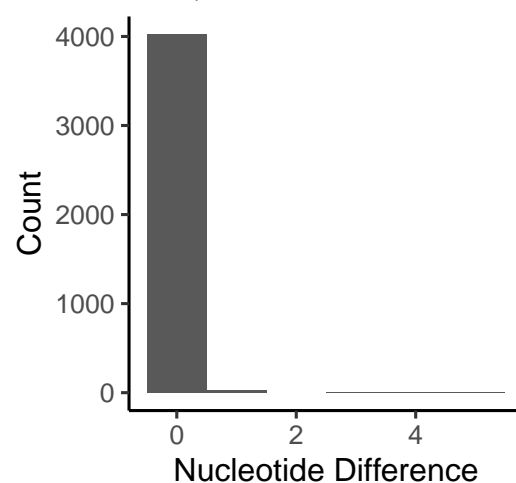
TRBV6-56*ap02

3703 sequences assigned
3128 (84.5%) exact matches, in which:
3072 unique CDR3
13 unique J



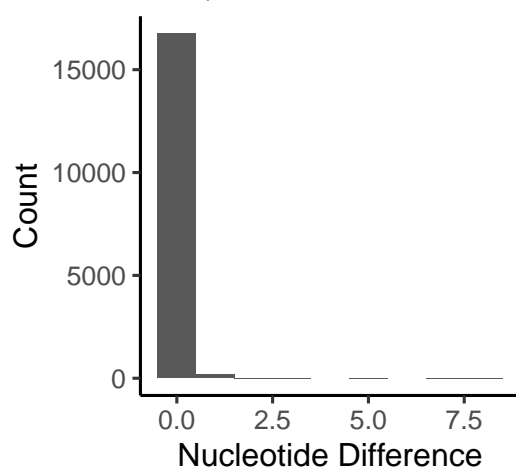
TRBV7-3*ap01

4055 sequences assigned
4023 (99.2%) exact matches, in which:
3979 unique CDR3
13 unique J



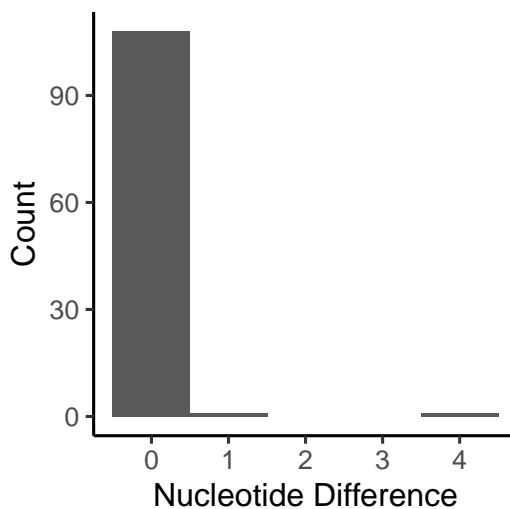
TRBV6-23*ap01

16951 sequences assigned
16760 (98.9%) exact matches, in which:
16411 unique CDR3
13 unique J



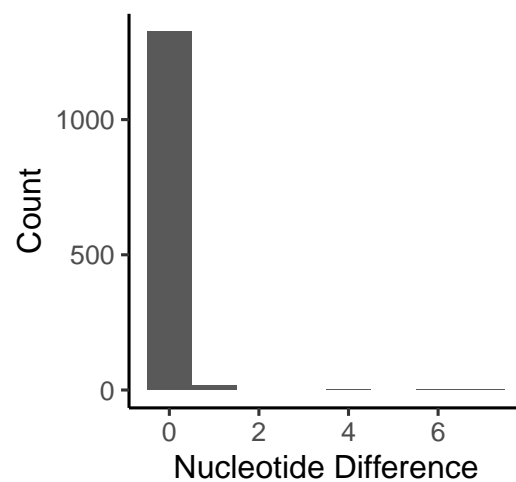
TRBV7-1*ap01_G291C_T

110 sequences assigned
108 (98.2%) exact matches, in which:
107 unique CDR3
13 unique J



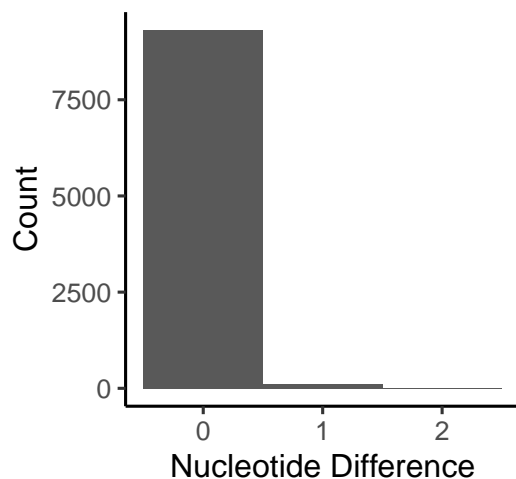
TRBV7-3*ap02

1344 sequences assigned
1325 (98.6%) exact matches, in which:
1305 unique CDR3
13 unique J



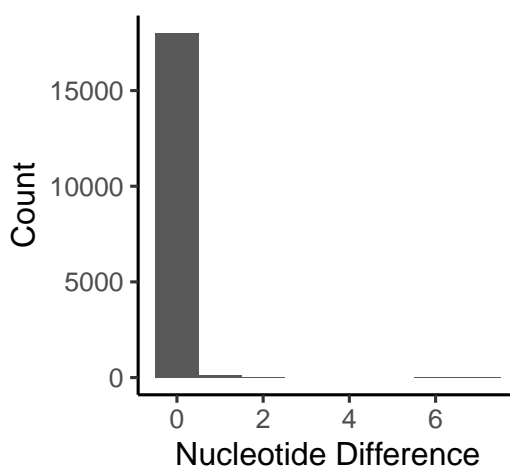
TRBV6-56*ap01

9421 sequences assigned
9312 (98.8%) exact matches, in which:
9091 unique CDR3
13 unique J



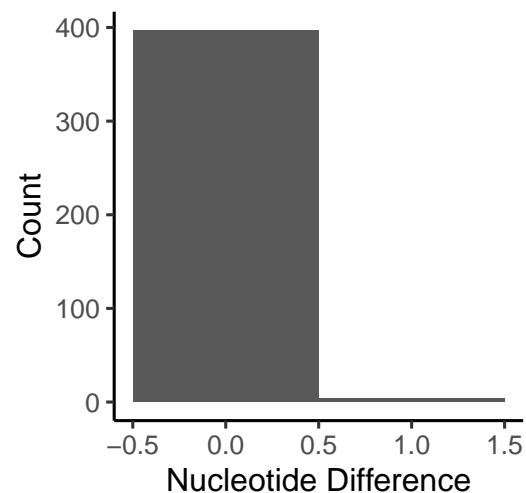
TRBV7-2*ap01

18158 sequences assigned
18020 (99.2%) exact matches, in which:
17727 unique CDR3
13 unique J



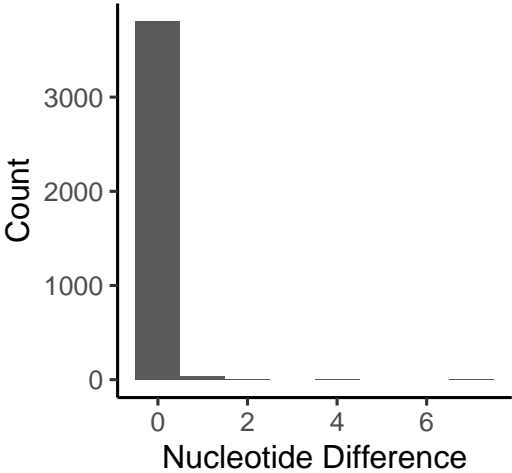
TRBV7-4*ap01

401 sequences assigned
397 (99%) exact matches, in which:
392 unique CDR3
13 unique J



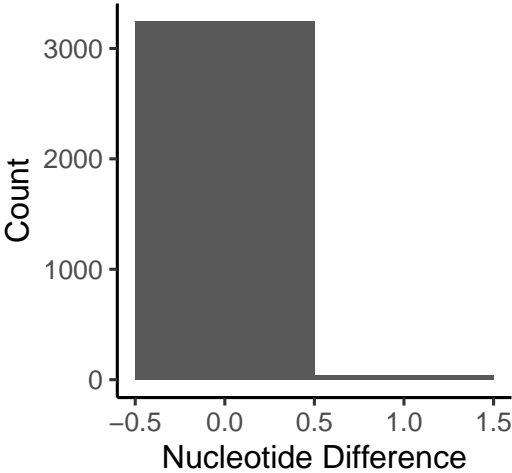
TRBV7-6*ap01

3840 sequences assigned
3804 (99.1%) exact matches, in which:
3721 unique CDR3
13 unique J



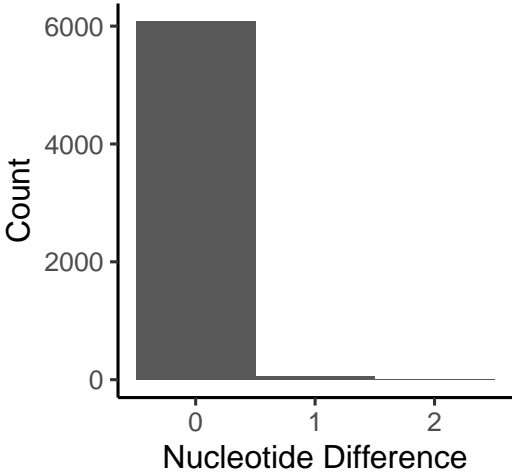
TRBV7-8*ap01

3284 sequences assigned
3245 (98.8%) exact matches, in which:
3182 unique CDR3
13 unique J



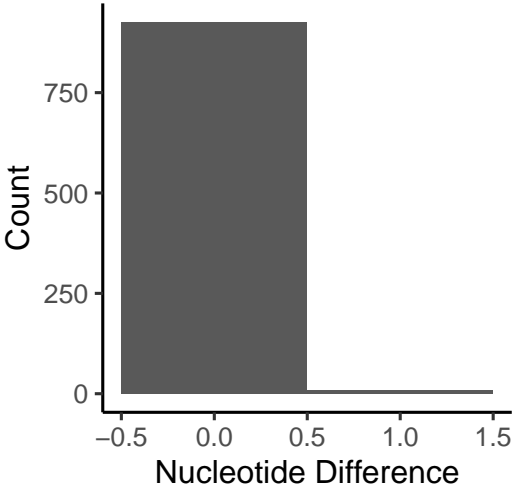
TRBV29-1*ap01

6142 sequences assigned
6080 (99%) exact matches, in which:
5984 unique CDR3
13 unique J



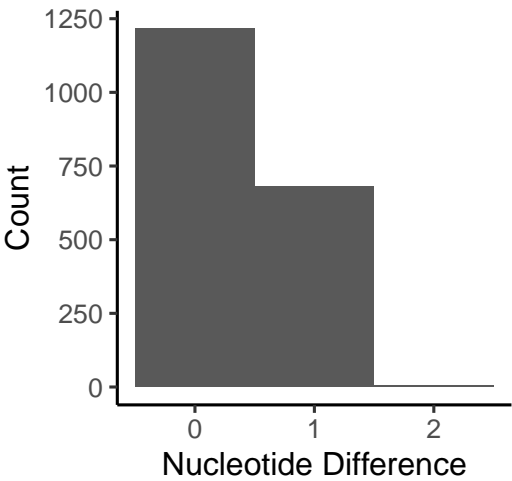
TRBV7-7*ap01

934 sequences assigned
926 (99.1%) exact matches, in which:
915 unique CDR3
13 unique J



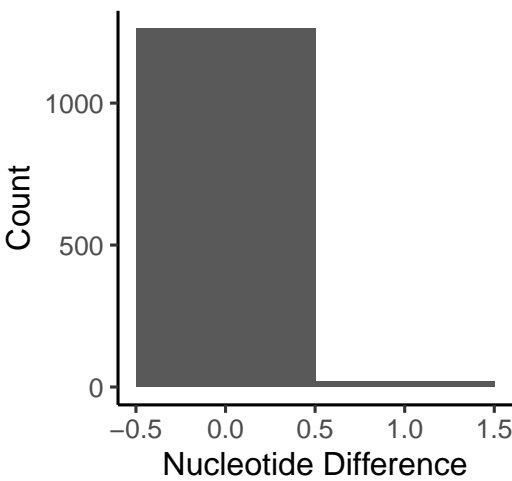
TRBV7-8*ap03

1902 sequences assigned
1216 (63.9%) exact matches, in which:
1190 unique CDR3
13 unique J



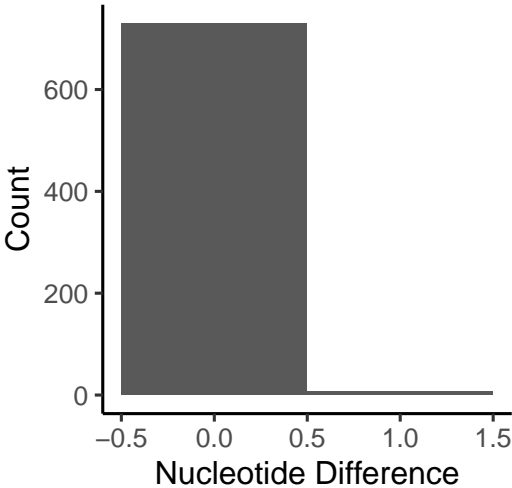
TRBV29-1*ap02

1281 sequences assigned
1262 (98.5%) exact matches, in which:
1242 unique CDR3
13 unique J



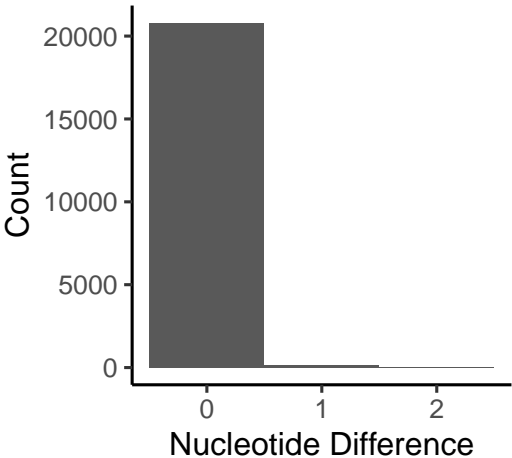
TRBV7-7*ap01_C315T

737 sequences assigned
730 (99.1%) exact matches, in which:
715 unique CDR3
13 unique J

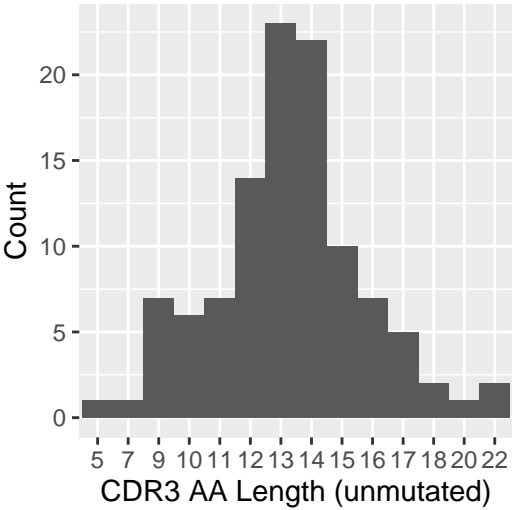


TRBV7-9*ap01

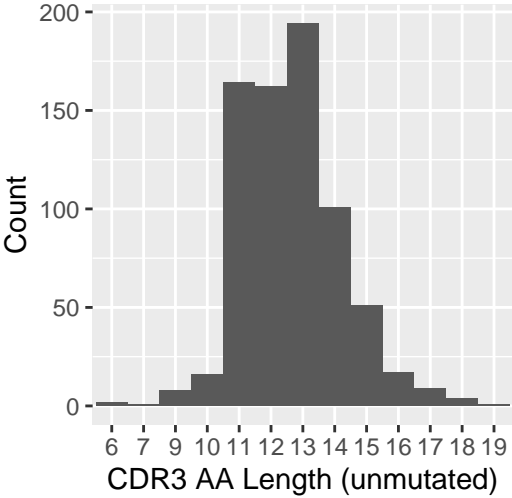
20959 sequences assigned
20802 (99.3%) exact matches, in which:
20556 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.