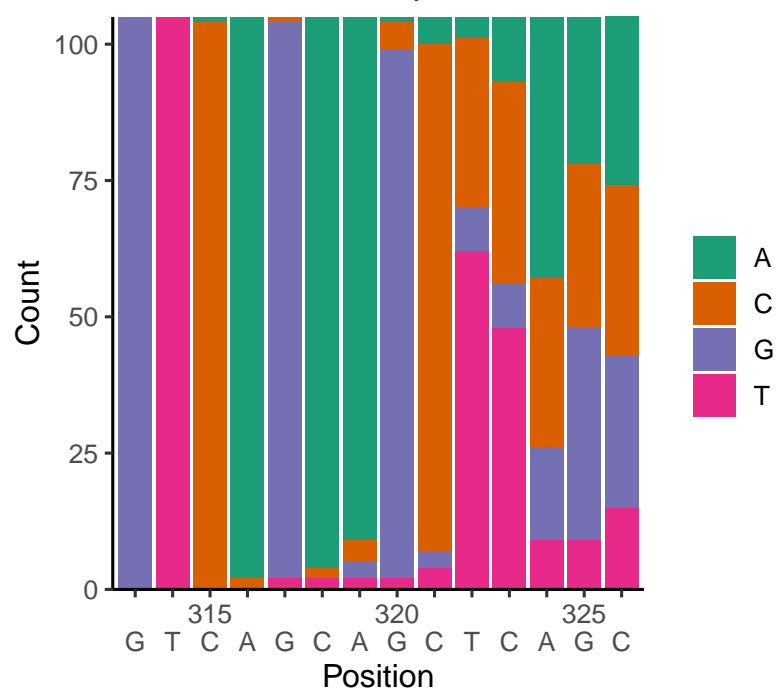
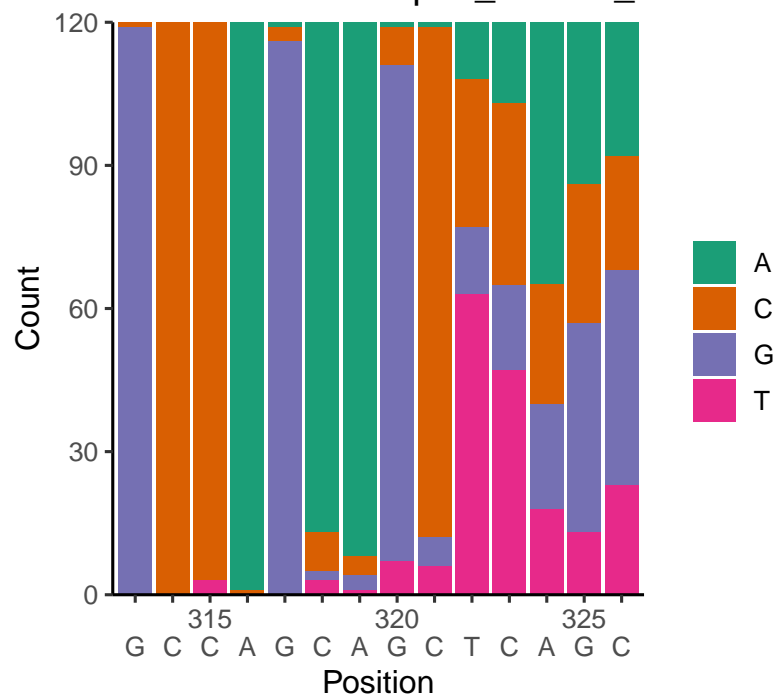


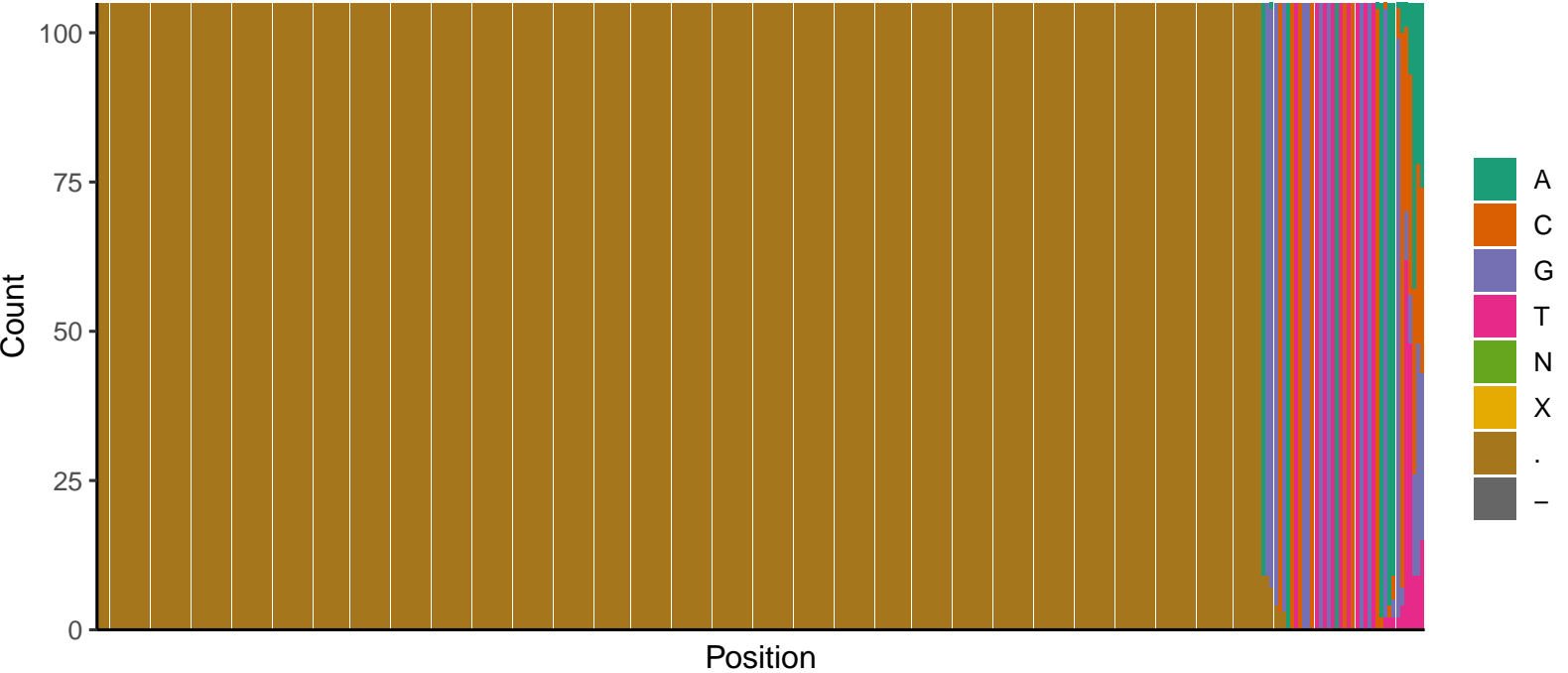
Gene TRBV7-1*ap01_G291C_T296C_C314T



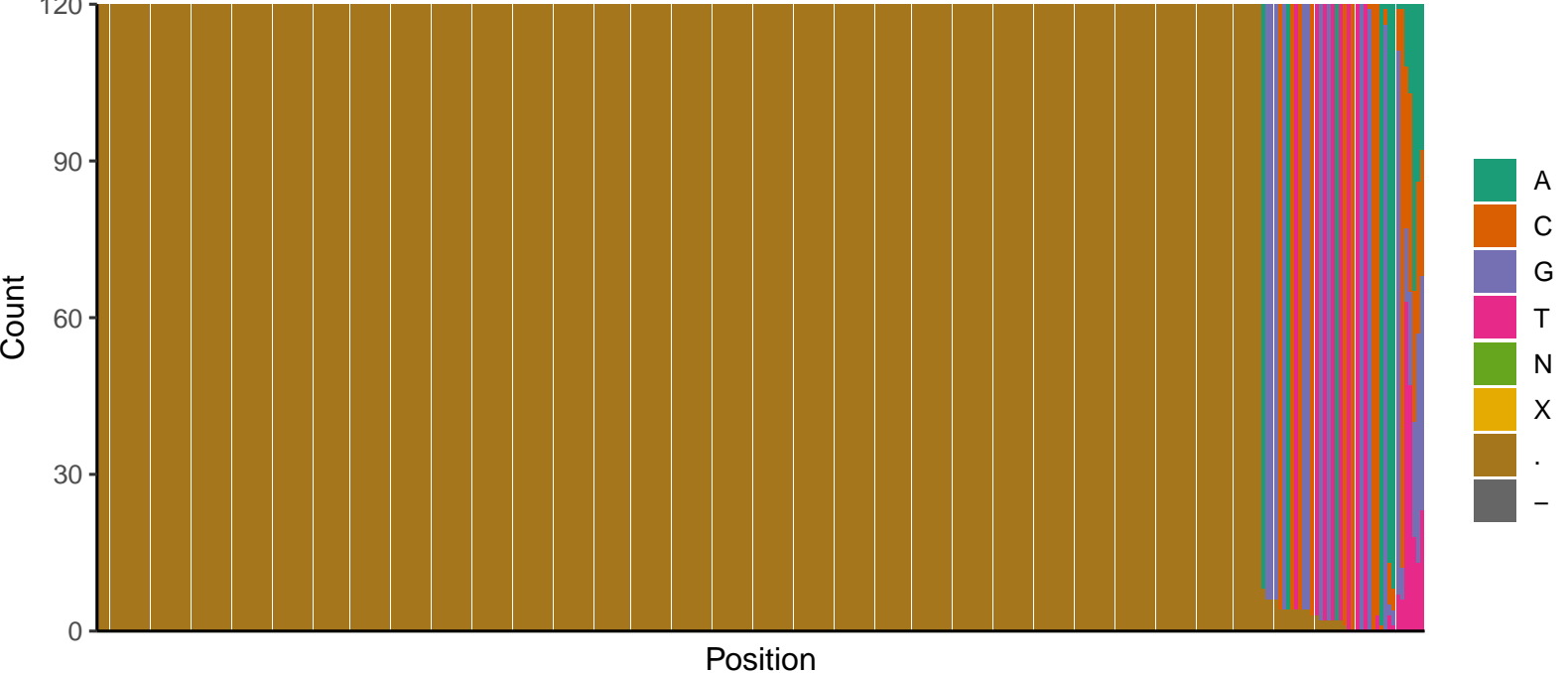
Gene TRBV7-1*ap01_G291C_T296C



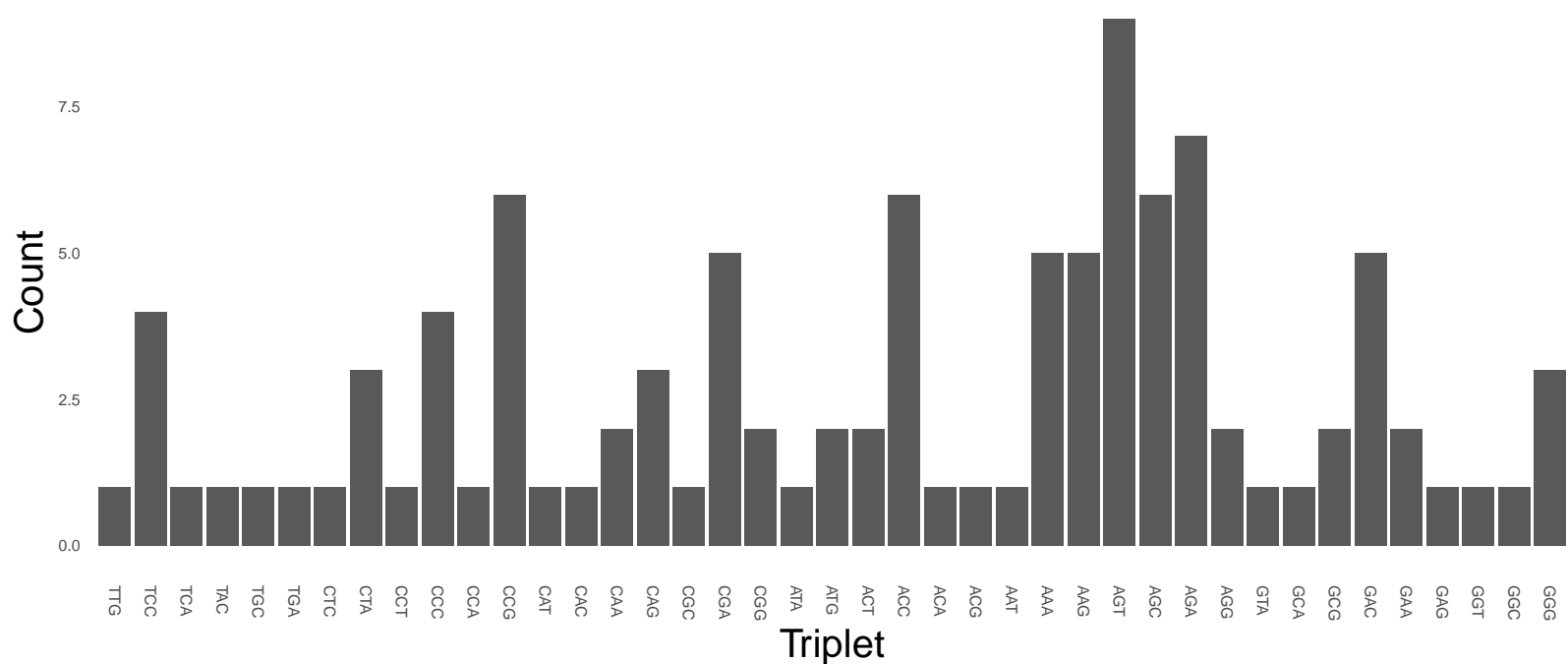
Gene TRBV7-1*ap01_G291C_T296C_C314T



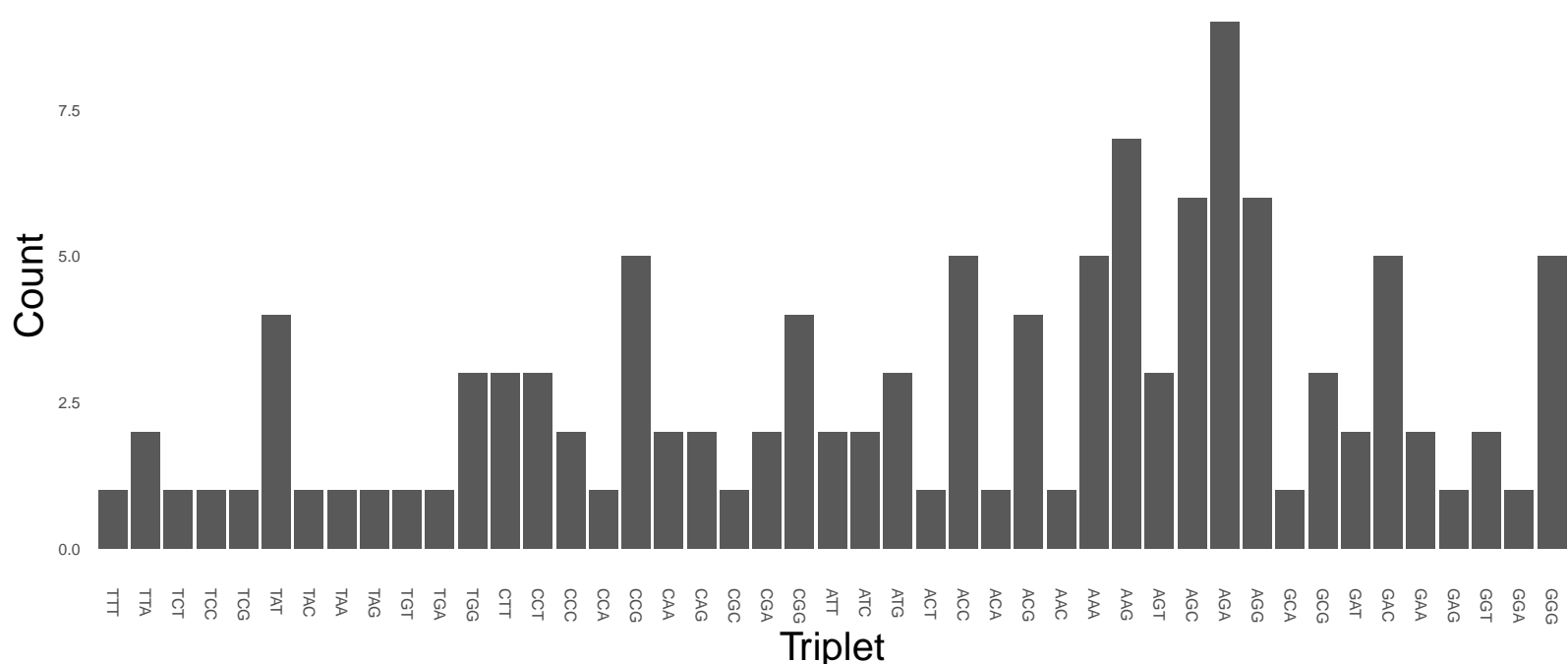
Gene TRBV7-1*ap01_G291C_T296C



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

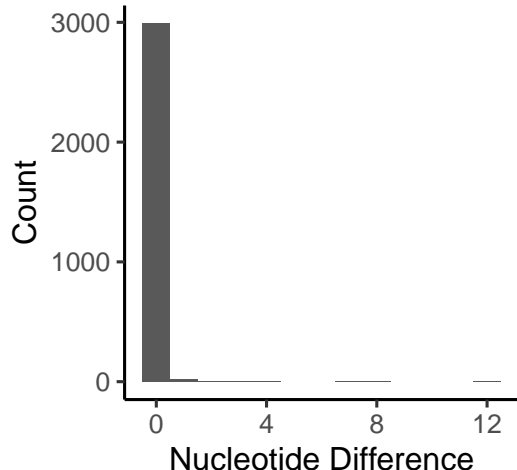


TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



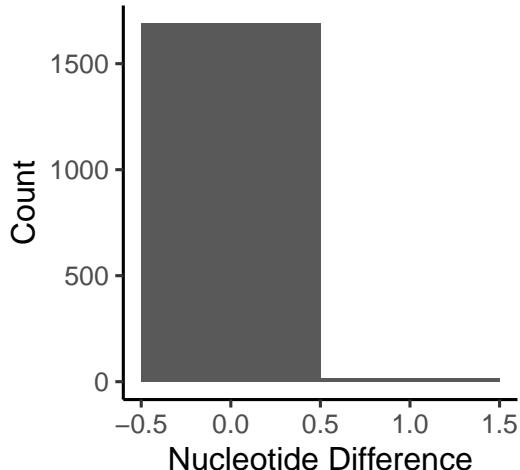
TRBV10-1*ap01

3019 sequences assigned
2991 (99.1%) exact matches, in which:
2961 unique CDR3
13 unique J



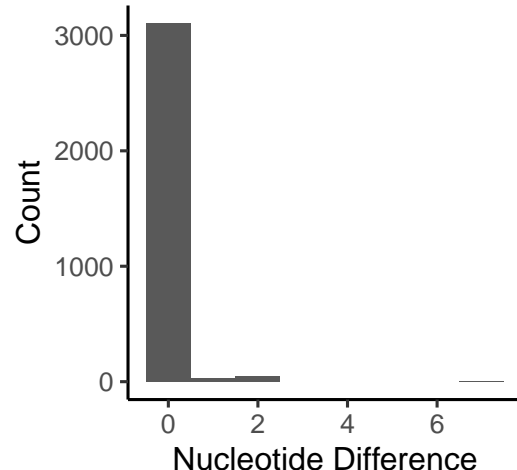
TRBV10-2*ap01

1708 sequences assigned
1690 (98.9%) exact matches, in which:
1672 unique CDR3
13 unique J



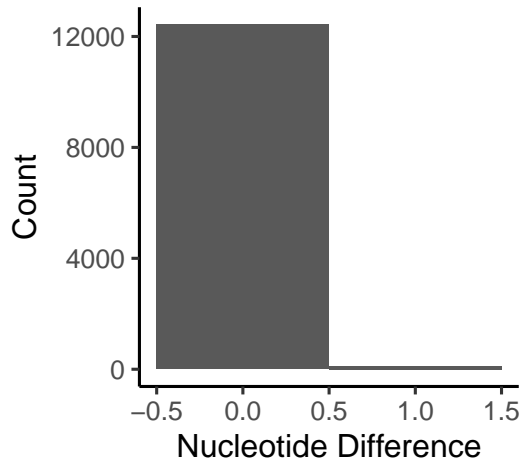
TRBV13*ap01

3189 sequences assigned
3104 (97.3%) exact matches, in which:
3059 unique CDR3
13 unique J



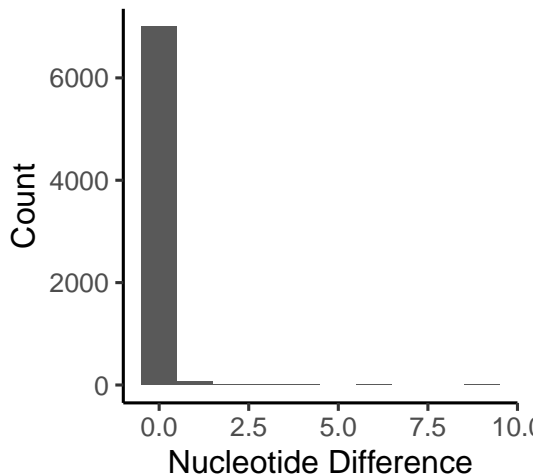
TRBV20-1*ap01

12554 sequences assigned
12433 (99%) exact matches, in which:
12332 unique CDR3
13 unique J



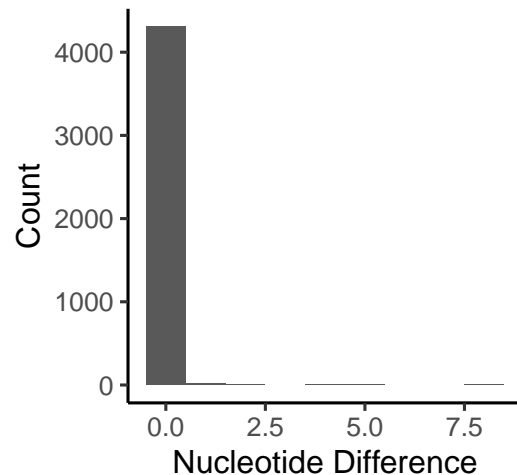
TRBV10-3*ap01

7073 sequences assigned
6999 (99%) exact matches, in which:
6903 unique CDR3
13 unique J



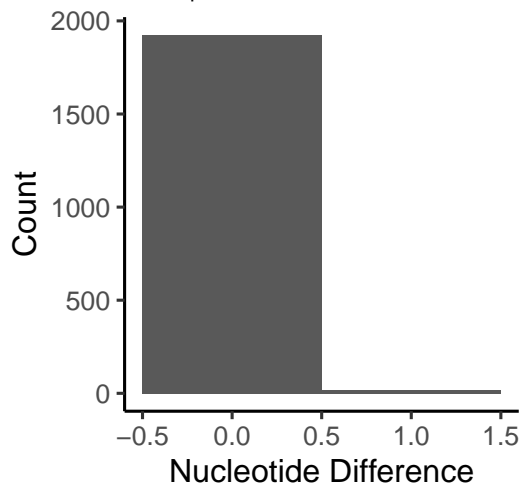
TRBV14*ap01

4334 sequences assigned
4306 (99.4%) exact matches, in which:
4266 unique CDR3
13 unique J



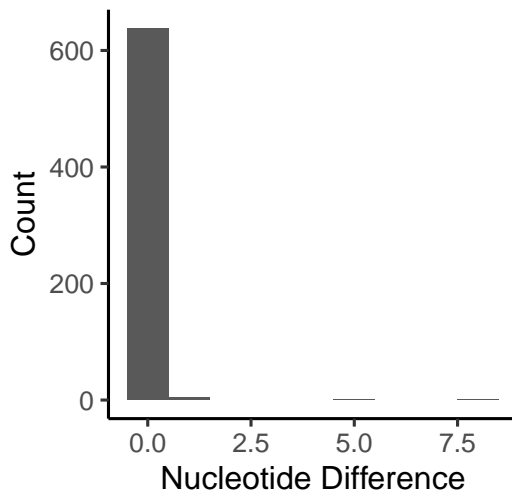
TRBV20-1*ap02

1943 sequences assigned
1924 (99%) exact matches, in which:
1899 unique CDR3
13 unique J



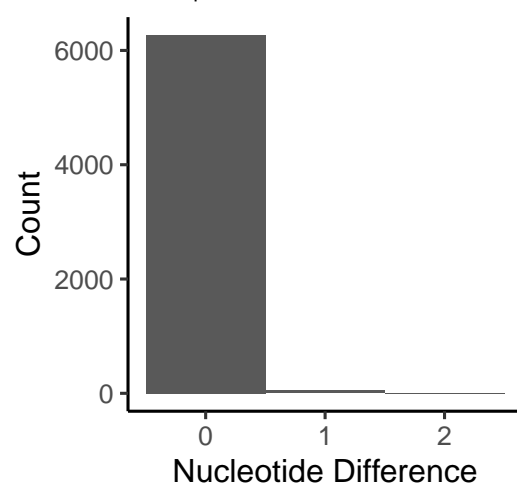
TRBV1*ap01

644 sequences assigned
638 (99.1%) exact matches, in which:
624 unique CDR3
14 unique J



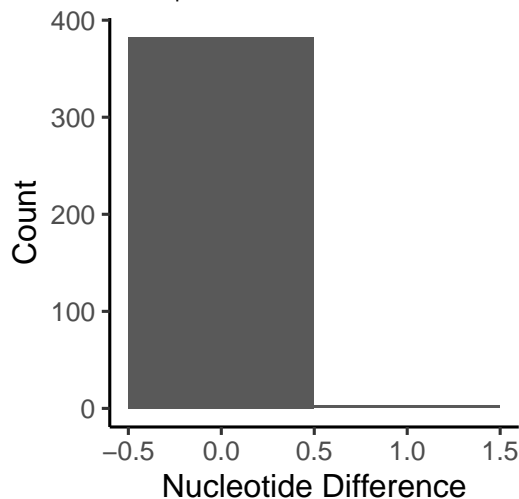
TRBV15*ap02

6320 sequences assigned
6269 (99.2%) exact matches, in which:
6177 unique CDR3
13 unique J



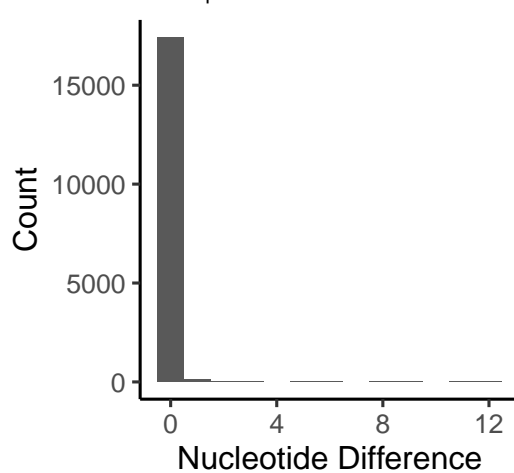
TRBV16*ap01

386 sequences assigned
383 (99.2%) exact matches, in which:
380 unique CDR3
13 unique J



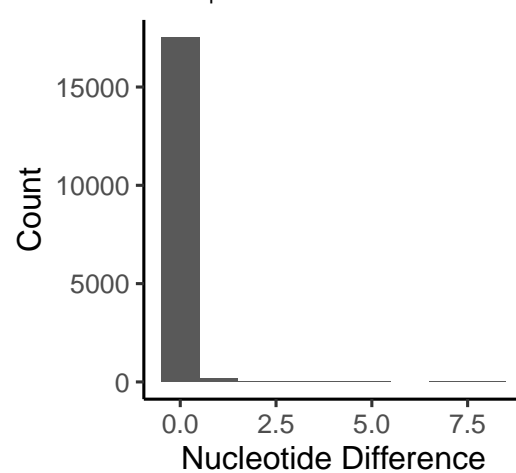
TRBV19*ap01

17581 sequences assigned
17429 (99.1%) exact matches, in which:
17313 unique CDR3
13 unique J



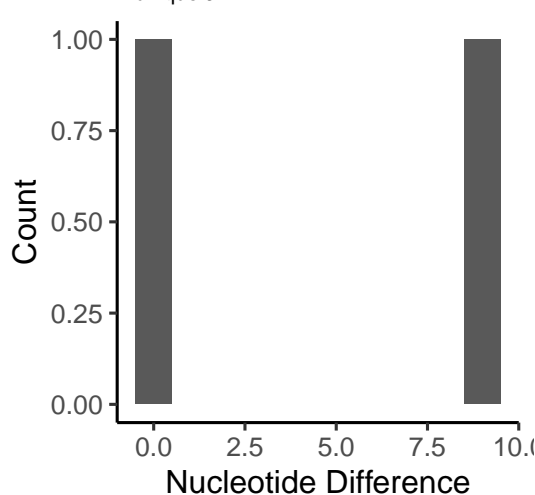
TRBV27*ap01

17717 sequences assigned
17537 (99%) exact matches, in which:
17293 unique CDR3
13 unique J



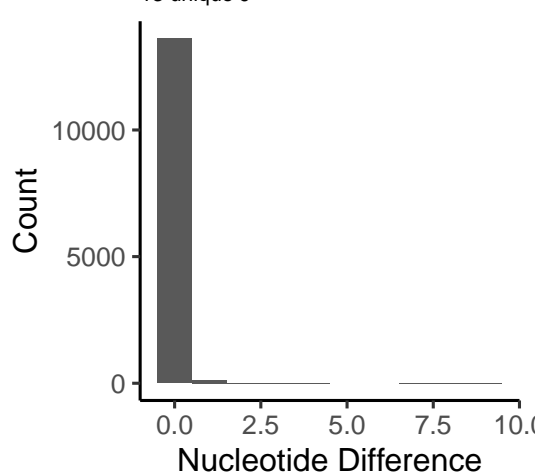
TRBV17*ap01

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



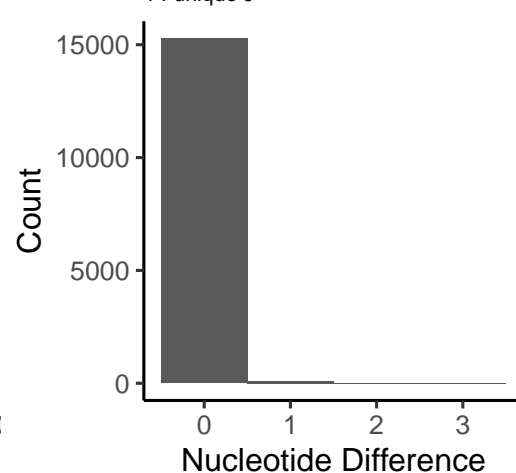
TRBV2*ap01

13750 sequences assigned
13613 (99%) exact matches, in which:
13442 unique CDR3
13 unique J



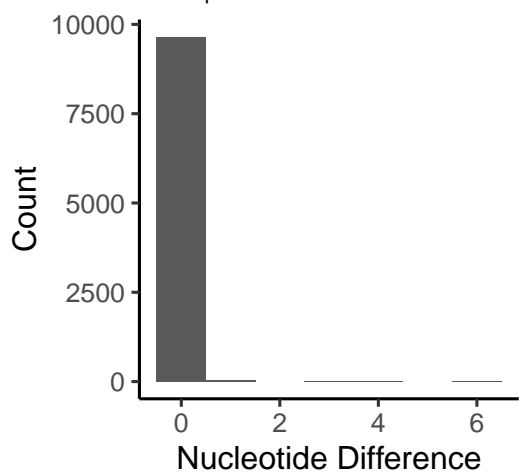
TRBV28*ap01

15382 sequences assigned
15277 (99.3%) exact matches, in which:
15128 unique CDR3
14 unique J



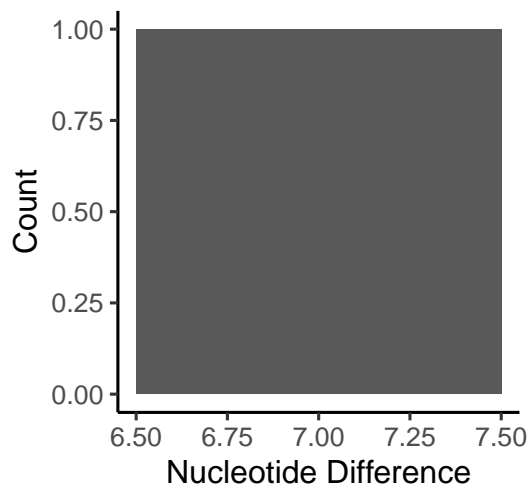
TRBV18*ap01

9709 sequences assigned
9653 (99.4%) exact matches, in which:
9590 unique CDR3
13 unique J



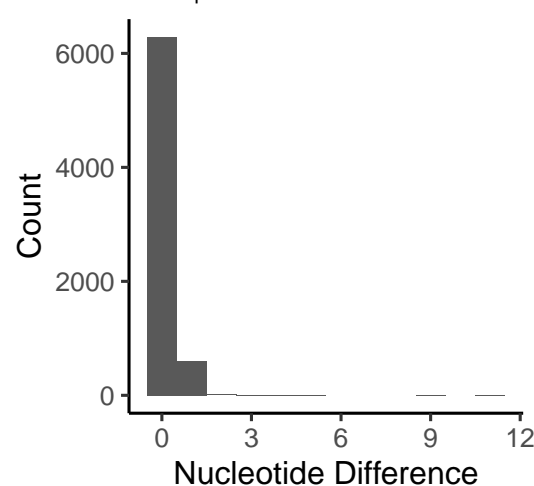
TRBV26*ap01

1 sequences assigned
No exact matches.



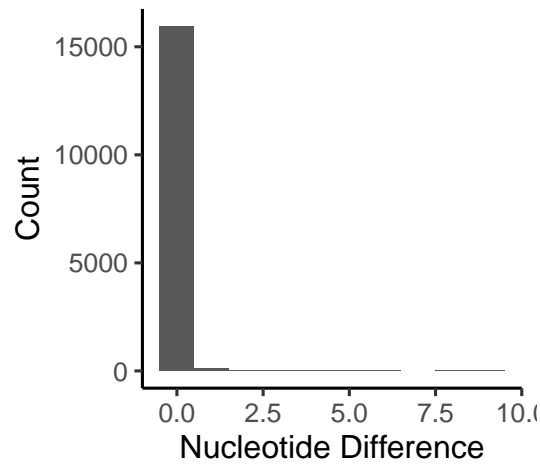
TRBV30*ap01

6918 sequences assigned
6287 (90.9%) exact matches, in which:
6135 unique CDR3
13 unique J



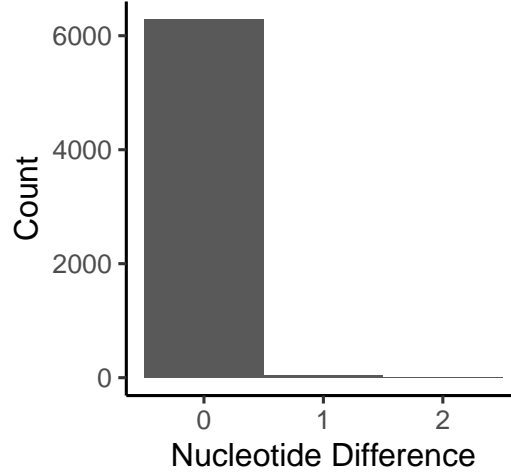
TRBV9*ap01

16080 sequences assigned
15954 (99.2%) exact matches, in which:
15812 unique CDR3
13 unique J



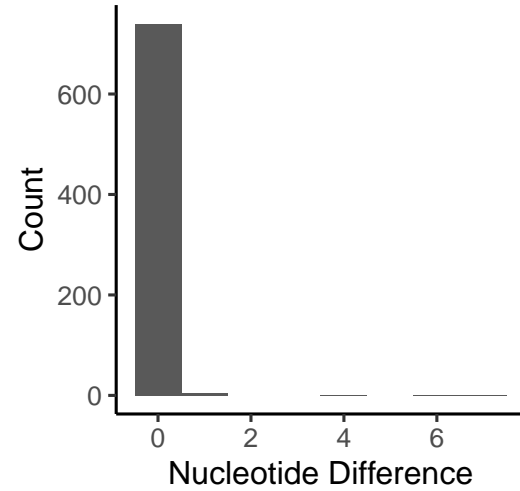
TRBV11-2*ap01

6323 sequences assigned
6286 (99.4%) exact matches, in which:
6246 unique CDR3
13 unique J



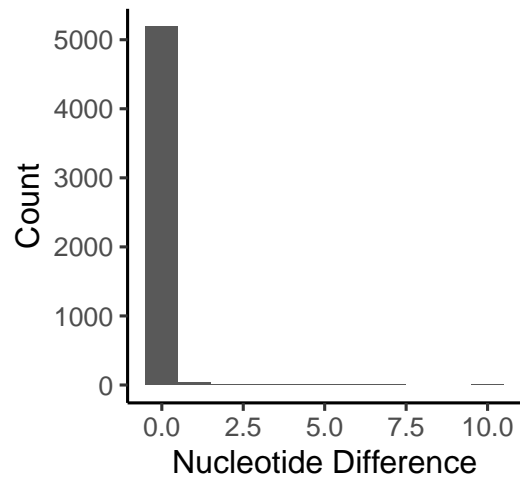
TRBV12-2*ap01

748 sequences assigned
740 (98.9%) exact matches, in which:
729 unique CDR3
13 unique J



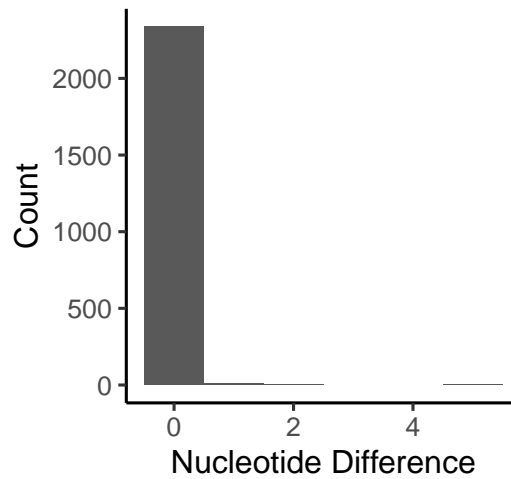
TRBV21-1*ap01

5260 sequences assigned
5188 (98.6%) exact matches, in which:
5157 unique CDR3
13 unique J



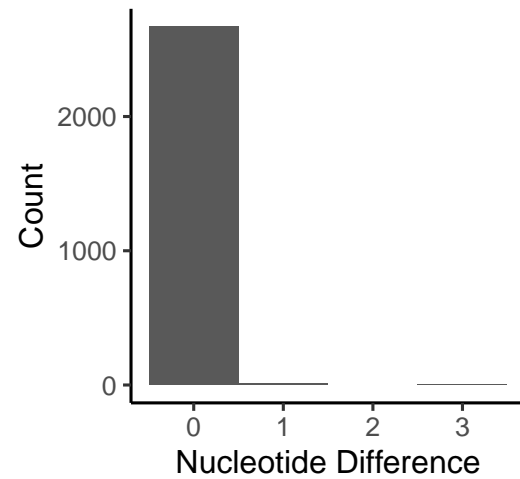
TRBV11-3*ap01

2351 sequences assigned
2337 (99.4%) exact matches, in which:
2320 unique CDR3
13 unique J



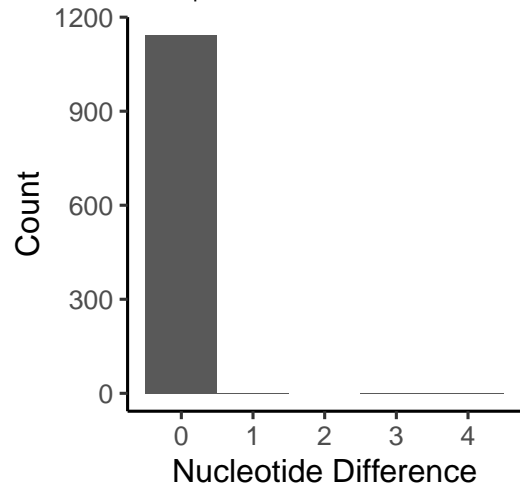
TRBV12-5*ap01

2680 sequences assigned
2669 (99.6%) exact matches, in which:
2640 unique CDR3
13 unique J



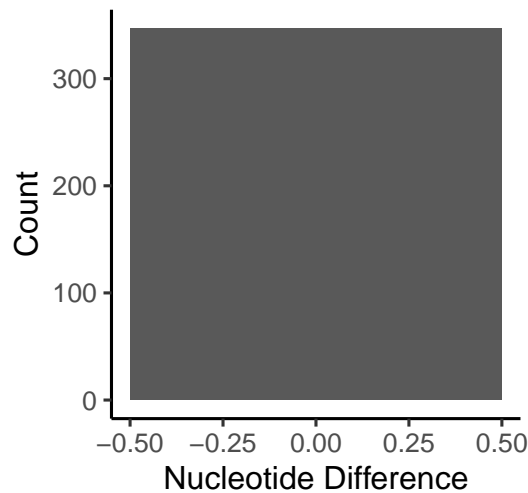
TRBV11-1*ap01

1146 sequences assigned
1143 (99.7%) exact matches, in which:
1138 unique CDR3
13 unique J



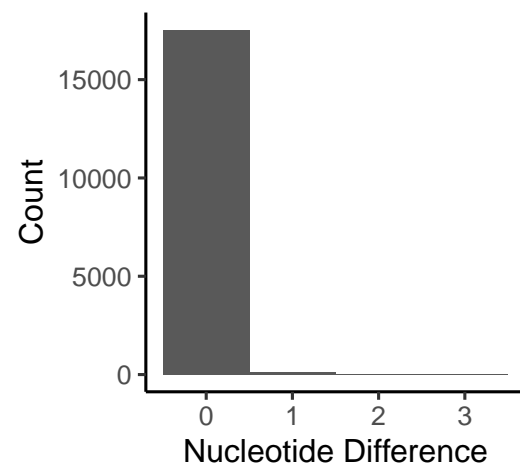
TRBV12-1*ap01

347 sequences assigned
347 (100%) exact matches, in which:
344 unique CDR3
13 unique J



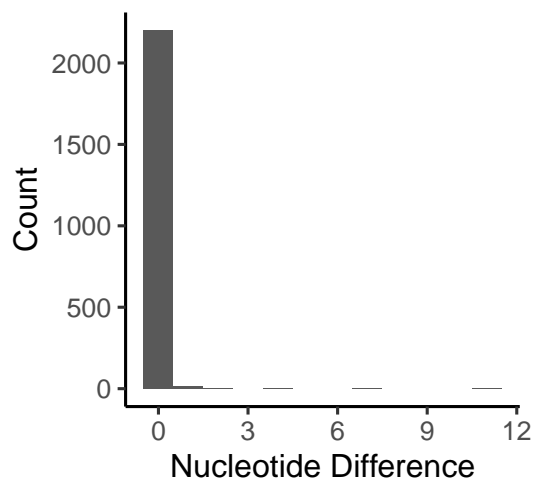
TRBV12-34*ap01

17694 sequences assigned
17535 (99.1%) exact matches, in which:
17307 unique CDR3
13 unique J



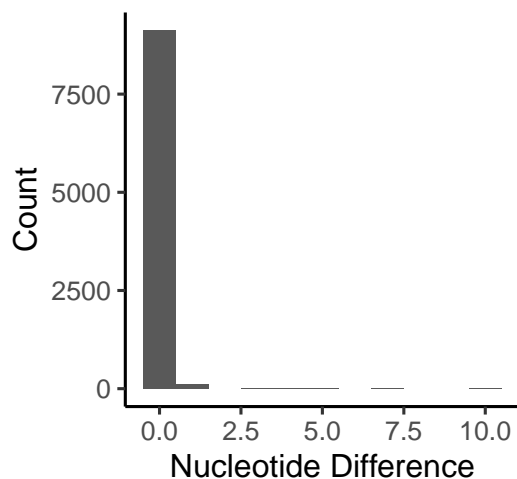
TRBV23-1*ap01

2220 sequences assigned
2200 (99.1%) exact matches, in which:
2187 unique CDR3
13 unique J



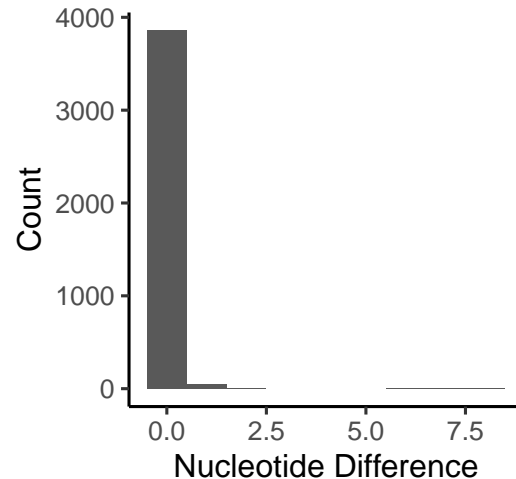
TRBV24-1*ap01

9246 sequences assigned
9122 (98.7%) exact matches, in which:
8992 unique CDR3
13 unique J



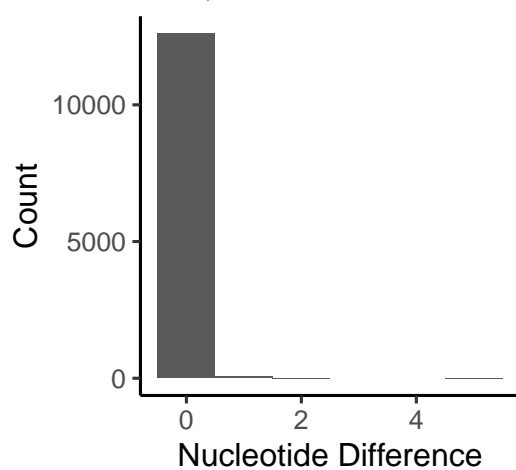
TRBV25-1*ap01

3911 sequences assigned
3859 (98.7%) exact matches, in which:
3765 unique CDR3
13 unique J



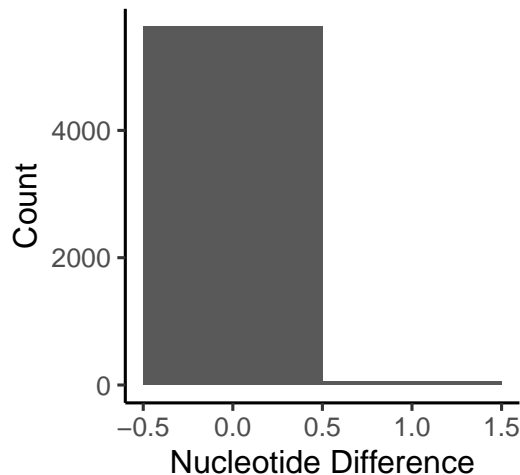
TRBV3-12*ap01

12672 sequences assigned
12610 (99.5%) exact matches, in which:
12518 unique CDR3
13 unique J



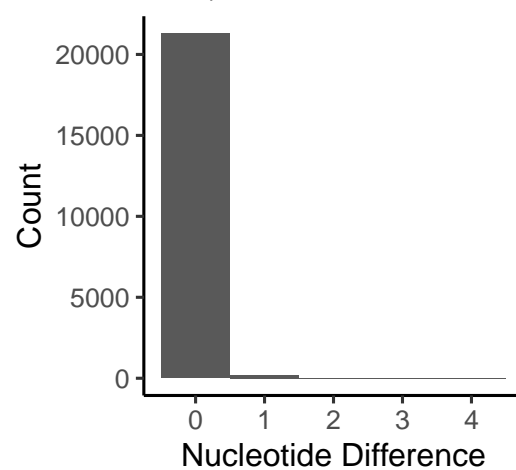
TRBV4-2*ap01

5683 sequences assigned
5629 (99%) exact matches, in which:
5548 unique CDR3
13 unique J



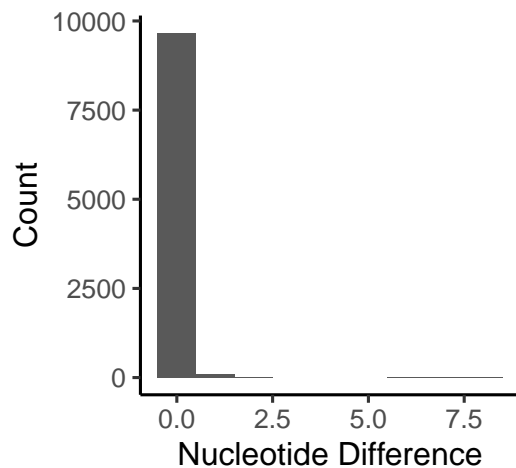
TRBV5-1*ap01

21510 sequences assigned
21295 (99%) exact matches, in which:
20959 unique CDR3
13 unique J



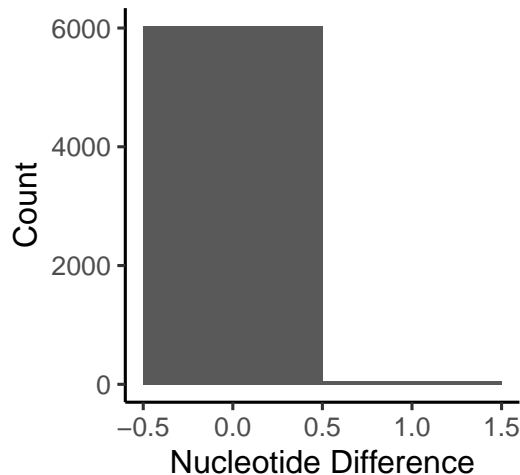
TRBV4-1*ap01

9758 sequences assigned
9668 (99.1%) exact matches, in which:
9475 unique CDR3
13 unique J



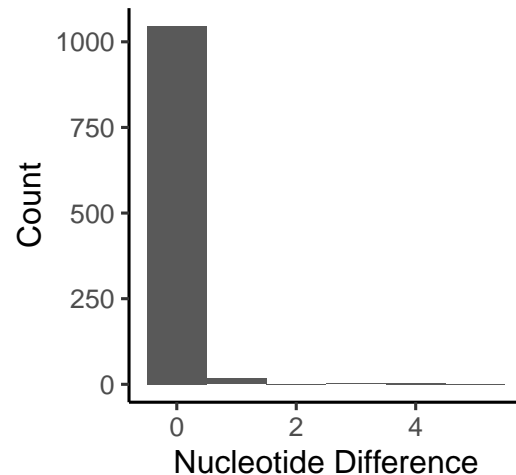
TRBV4-3*ap01

6091 sequences assigned
6033 (99%) exact matches, in which:
5964 unique CDR3
13 unique J



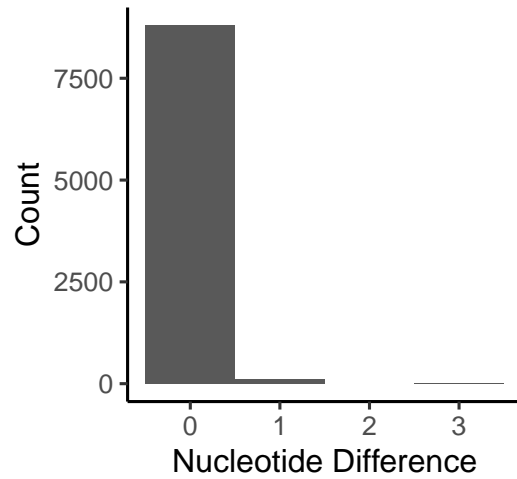
TRBV5-3*ap01

1070 sequences assigned
1046 (97.8%) exact matches, in which:
1034 unique CDR3
13 unique J



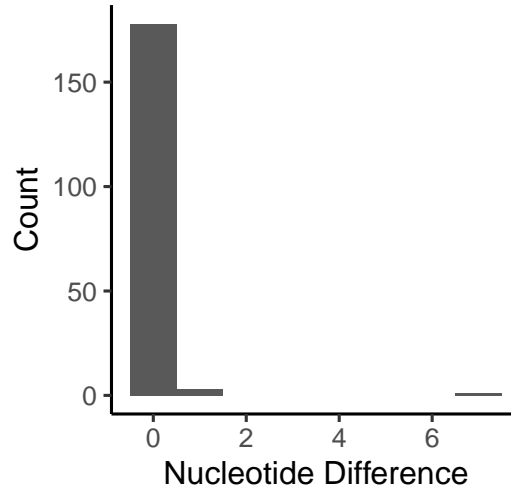
TRBV5-4*ap01

8901 sequences assigned
8798 (98.8%) exact matches, in which:
8657 unique CDR3
13 unique J



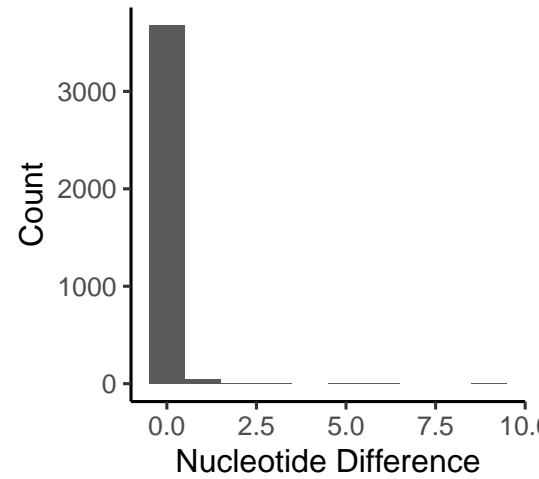
TRBV5-7*ap01

182 sequences assigned
178 (97.8%) exact matches, in which:
169 unique CDR3
13 unique J



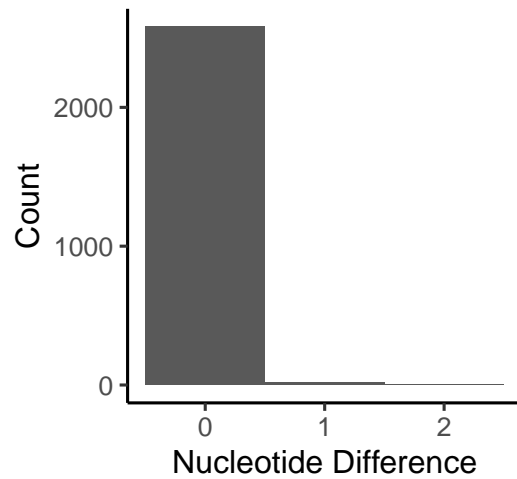
TRBV6-4*ap01

3732 sequences assigned
3677 (98.5%) exact matches, in which:
3644 unique CDR3
13 unique J



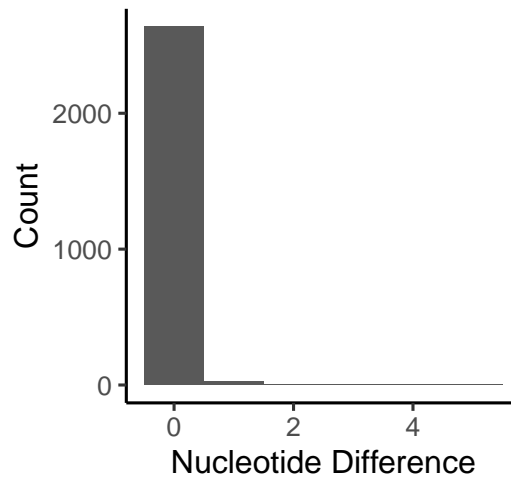
TRBV5-5*ap01

2602 sequences assigned
2581 (99.2%) exact matches, in which:
2568 unique CDR3
13 unique J



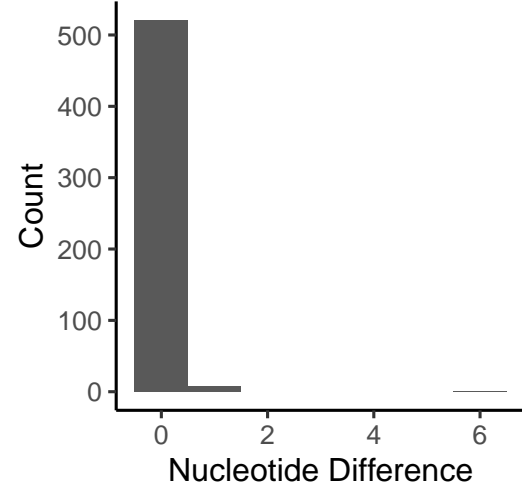
TRBV5-8*ap01

2669 sequences assigned
2637 (98.8%) exact matches, in which:
2608 unique CDR3
13 unique J



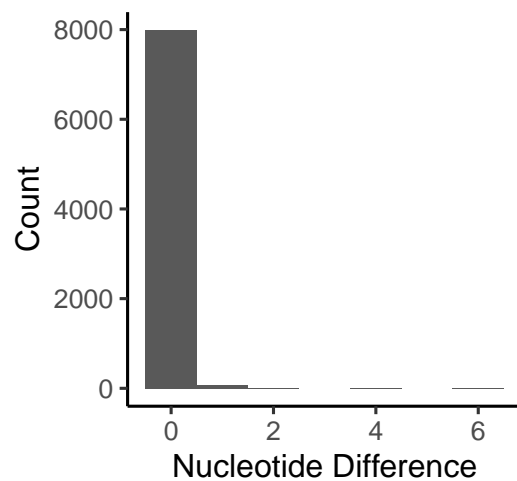
TRBV6-7*ap01

530 sequences assigned
521 (98.3%) exact matches, in which:
511 unique CDR3
13 unique J



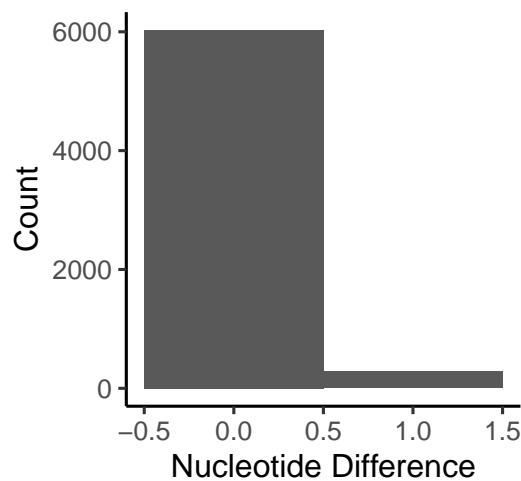
TRBV5-6*ap01

8068 sequences assigned
7990 (99%) exact matches, in which:
7757 unique CDR3
13 unique J



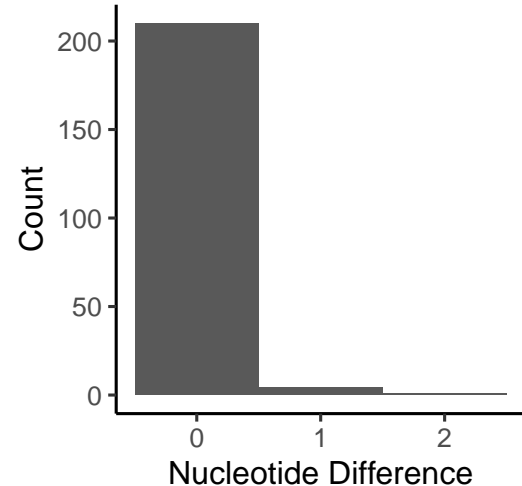
TRBV6-1*ap01

6315 sequences assigned
6029 (95.5%) exact matches, in which:
5919 unique CDR3
13 unique J



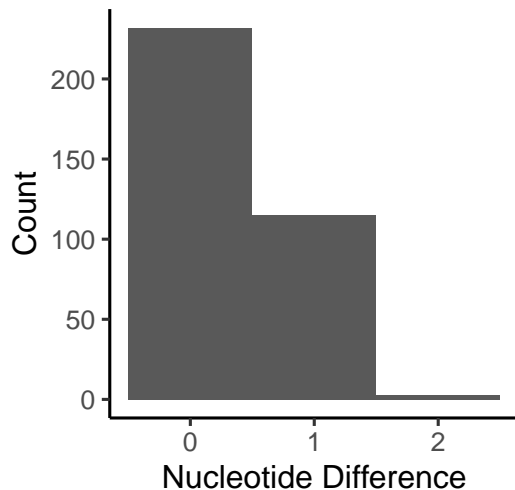
TRBV6-8*ap01

215 sequences assigned
210 (97.7%) exact matches, in which:
207 unique CDR3
13 unique J



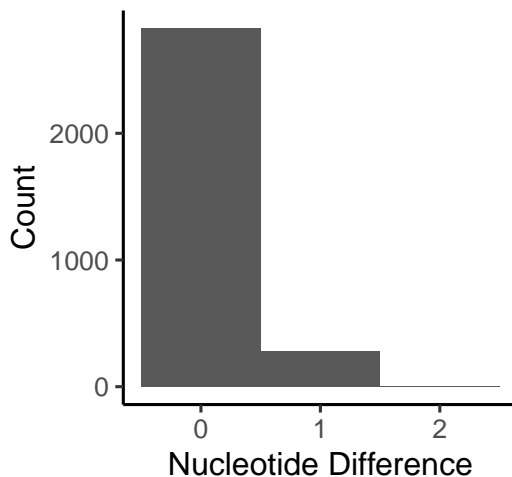
TRBV6–9*ap01

350 sequences assigned
232 (66.3%) exact matches, in which:
226 unique CDR3
13 unique J



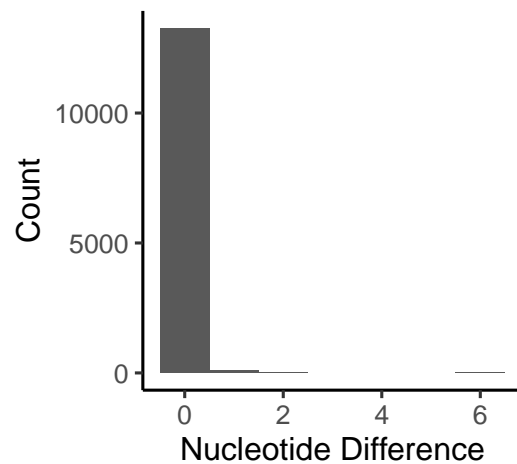
TRBV6–56*ap02

3112 sequences assigned
2828 (90.9%) exact matches, in which:
2772 unique CDR3
13 unique J



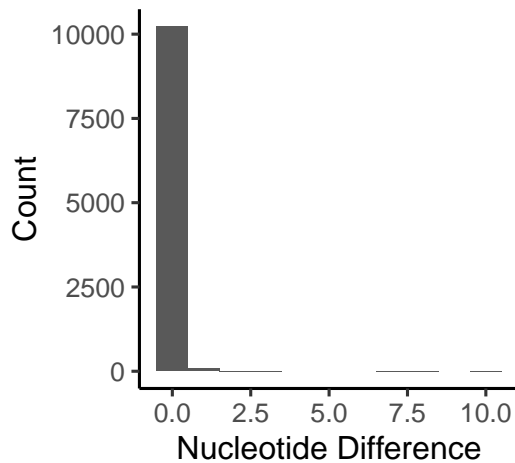
TRBV7–2*ap01

13353 sequences assigned
13266 (99.3%) exact matches, in which:
13143 unique CDR3
13 unique J



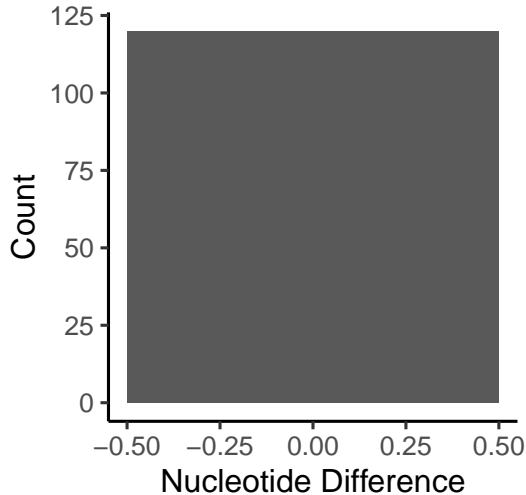
TRBV6–23*ap01

10324 sequences assigned
10228 (99.1%) exact matches, in which:
10033 unique CDR3
13 unique J



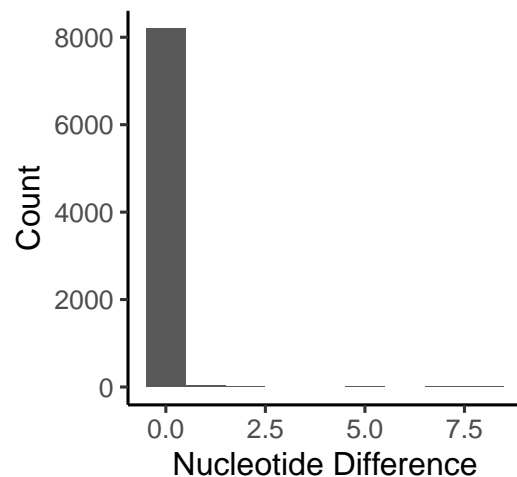
TRBV7–1*ap01_G291C_

120 sequences assigned
120 (100%) exact matches, in which:
119 unique CDR3
13 unique J



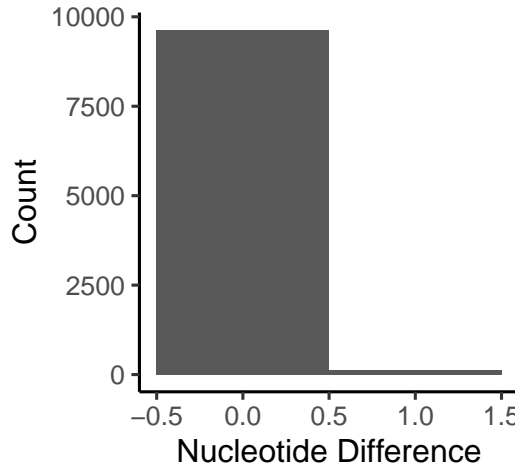
TRBV7–3*ap01

8246 sequences assigned
8195 (99.4%) exact matches, in which:
8139 unique CDR3
13 unique J



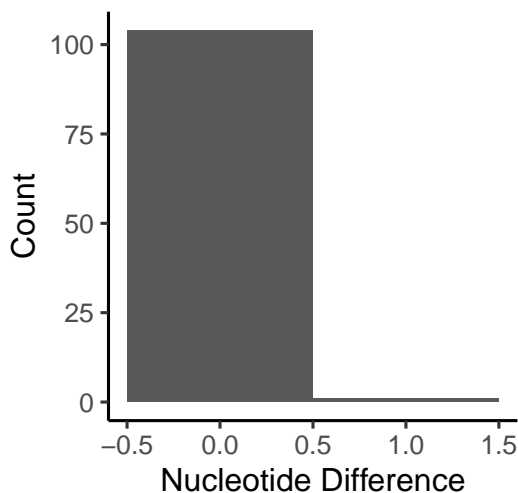
TRBV6–56*ap01

9763 sequences assigned
9637 (98.7%) exact matches, in which:
9459 unique CDR3
13 unique J



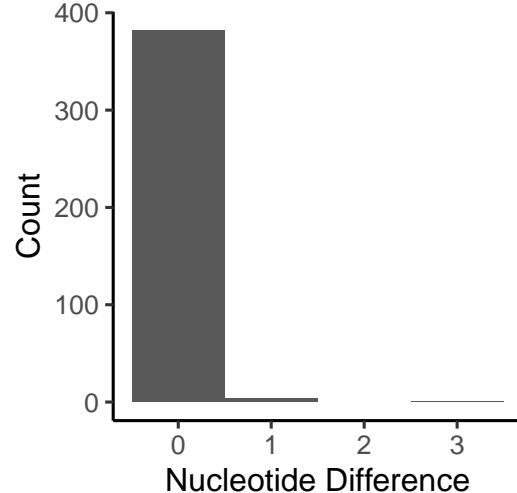
TRBV7–1*ap01_G291C_

105 sequences assigned
104 (99%) exact matches, in which:
104 unique CDR3
11 unique J



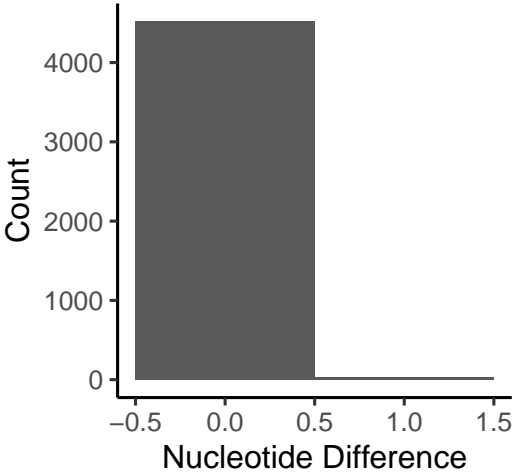
TRBV7–4*ap01

387 sequences assigned
382 (98.7%) exact matches, in which:
375 unique CDR3
13 unique J



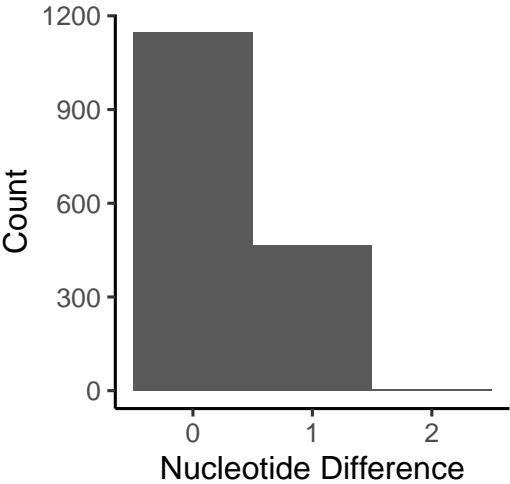
TRBV7-6*ap01

4555 sequences assigned
4519 (99.2%) exact matches, in which:
4466 unique CDR3
13 unique J



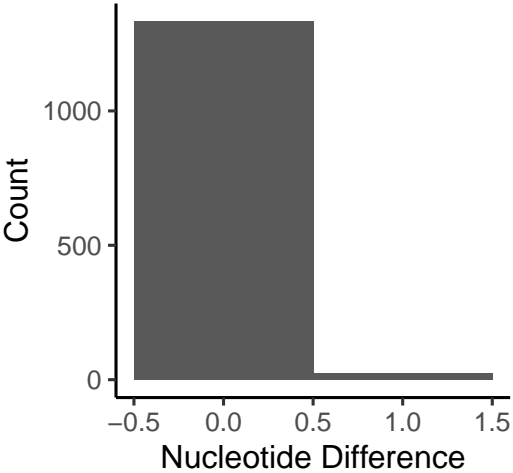
TRBV7-8*ap03

1617 sequences assigned
1147 (70.9%) exact matches, in which:
1133 unique CDR3
13 unique J



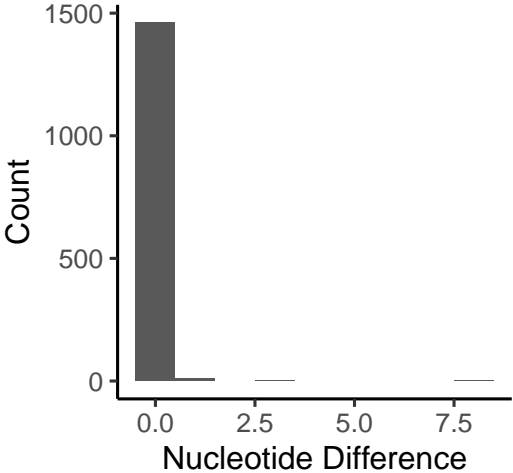
TRBV29-1*ap02

1358 sequences assigned
1333 (98.2%) exact matches, in which:
1296 unique CDR3
13 unique J



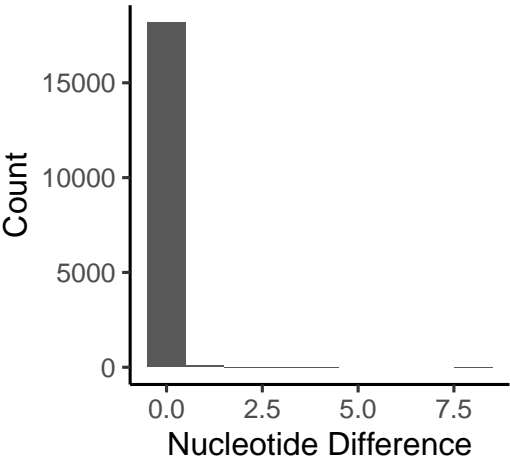
TRBV7-7*ap01

1474 sequences assigned
1461 (99.1%) exact matches, in which:
1439 unique CDR3
13 unique J



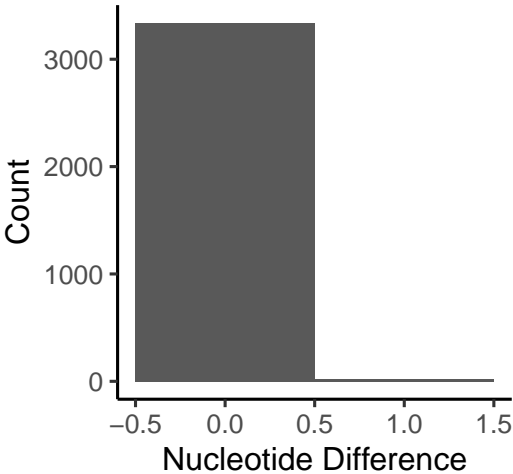
TRBV7-9*ap01

18294 sequences assigned
18182 (99.4%) exact matches, in which:
17993 unique CDR3
13 unique J



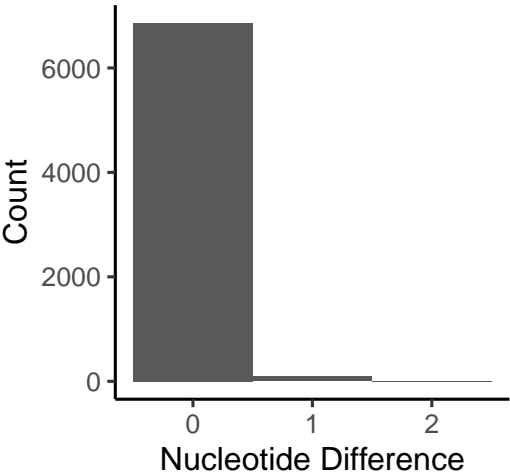
TRBV7-8*ap01

3356 sequences assigned
3337 (99.4%) exact matches, in which:
3297 unique CDR3
13 unique J

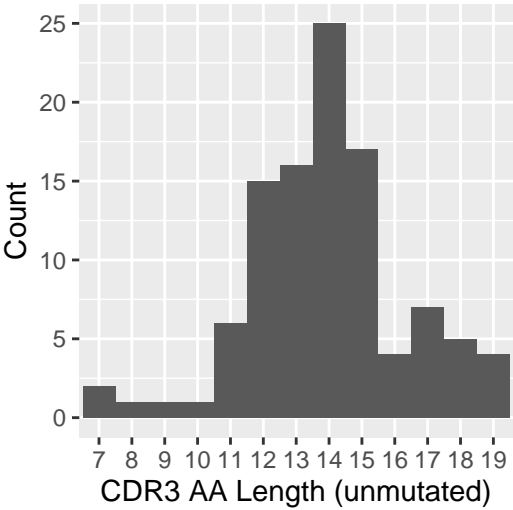


TRBV29-1*ap01

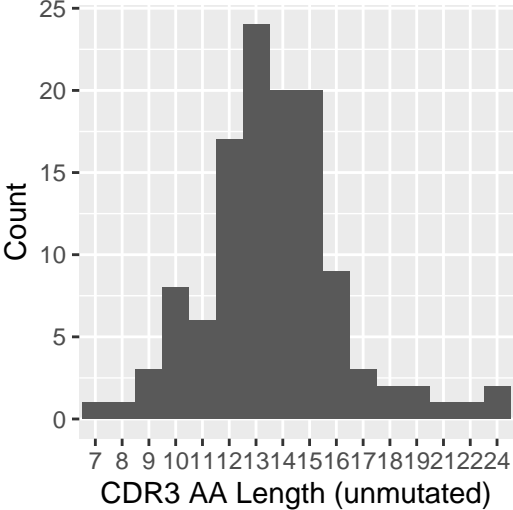
6955 sequences assigned
6859 (98.6%) exact matches, in which:
6663 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C





[illegible]