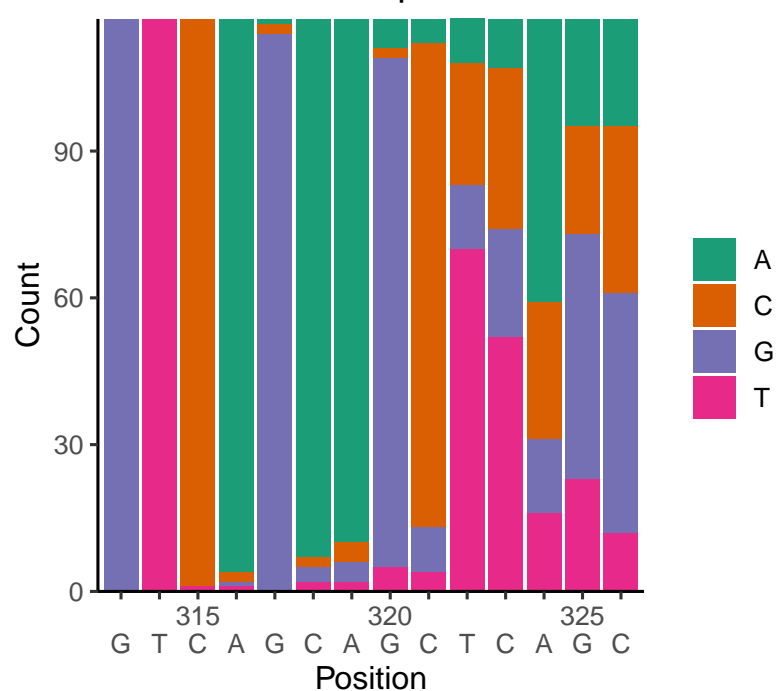
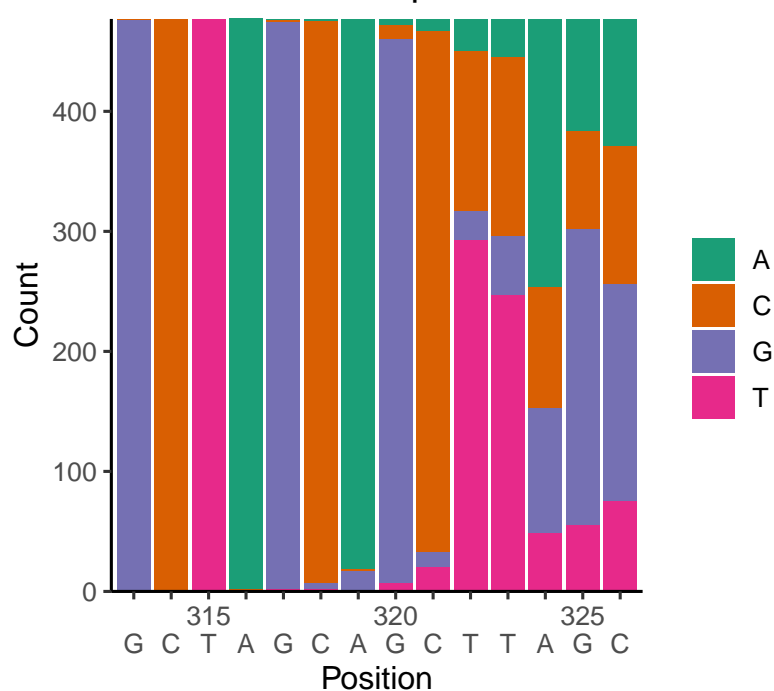


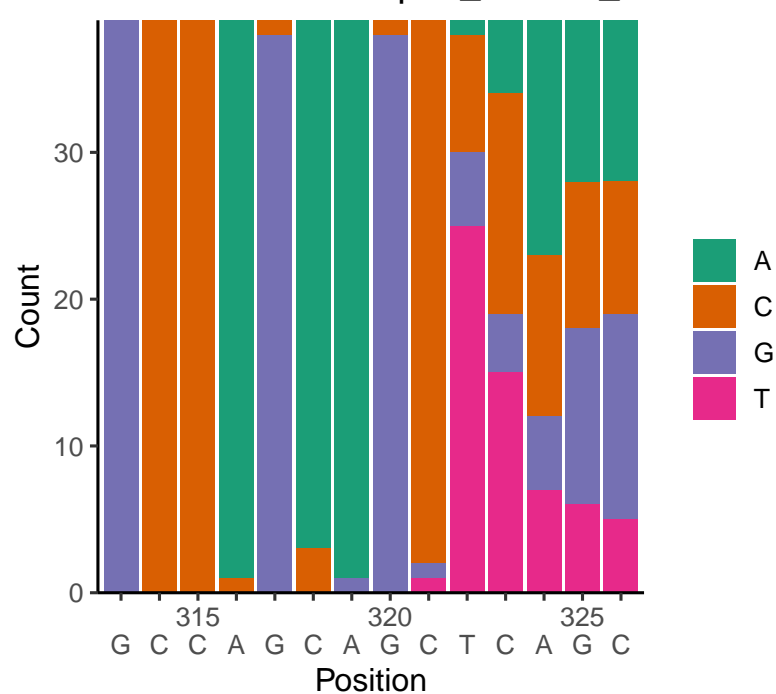
Gene TRBV7-1*ap01_G291C_T296C_C3



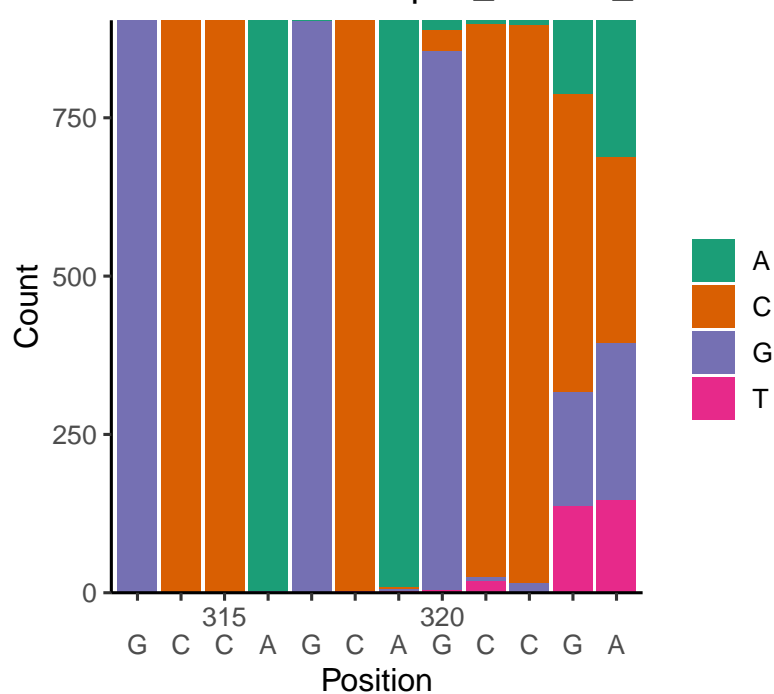
Gene TRBV7-7*ap01_C315T



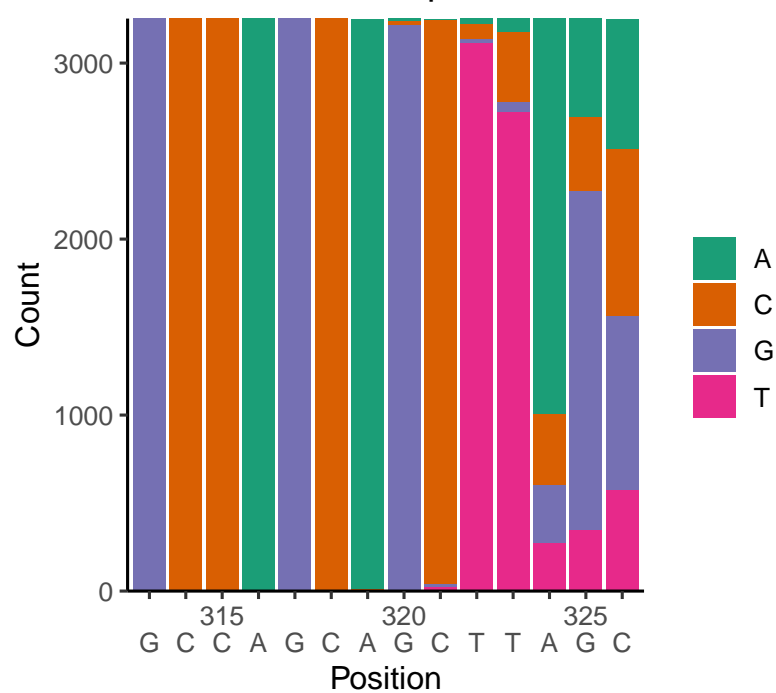
Gene TRBV7-1*ap01_G291C_T296C



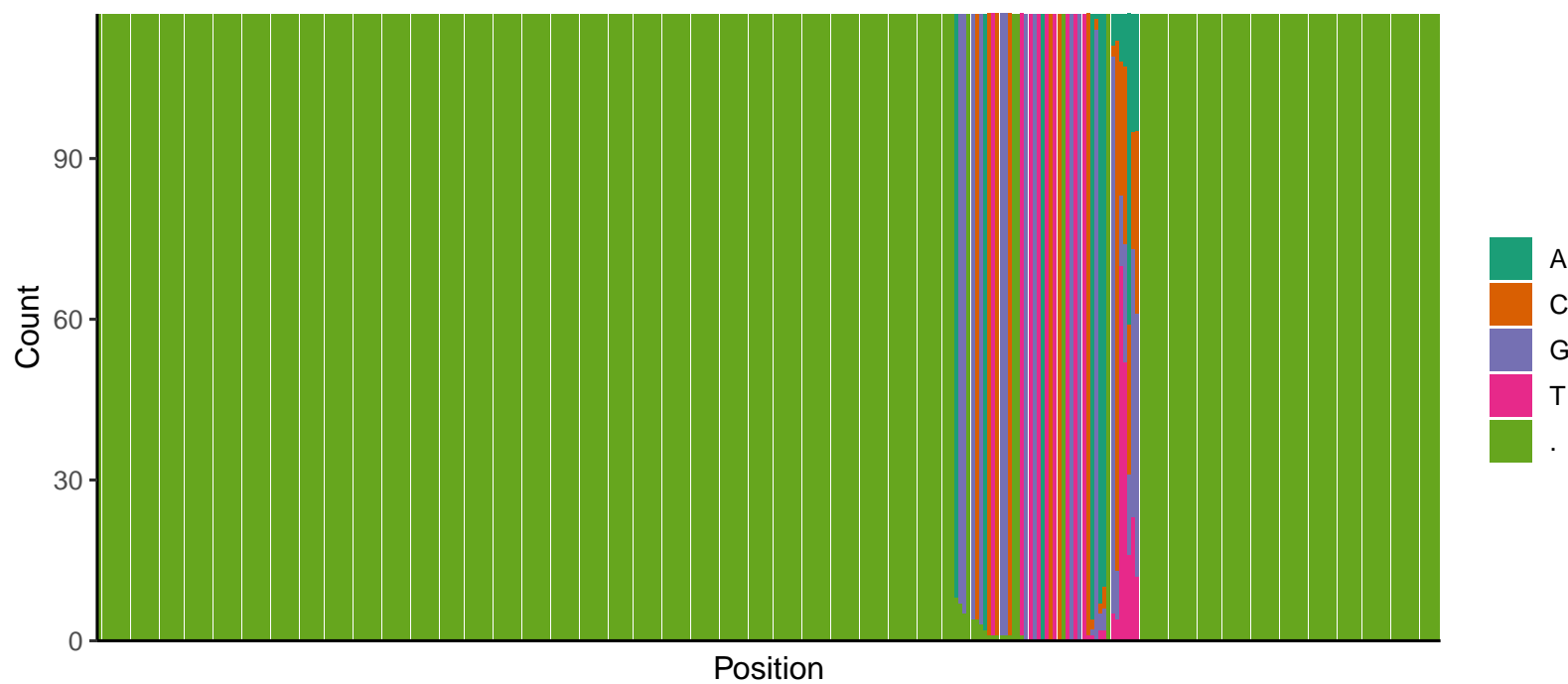
Gene TRBV7-8*ap03_C297G_G303T



Gene TRBV7-2*ap01_G303T



Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-2*ap01_G303T



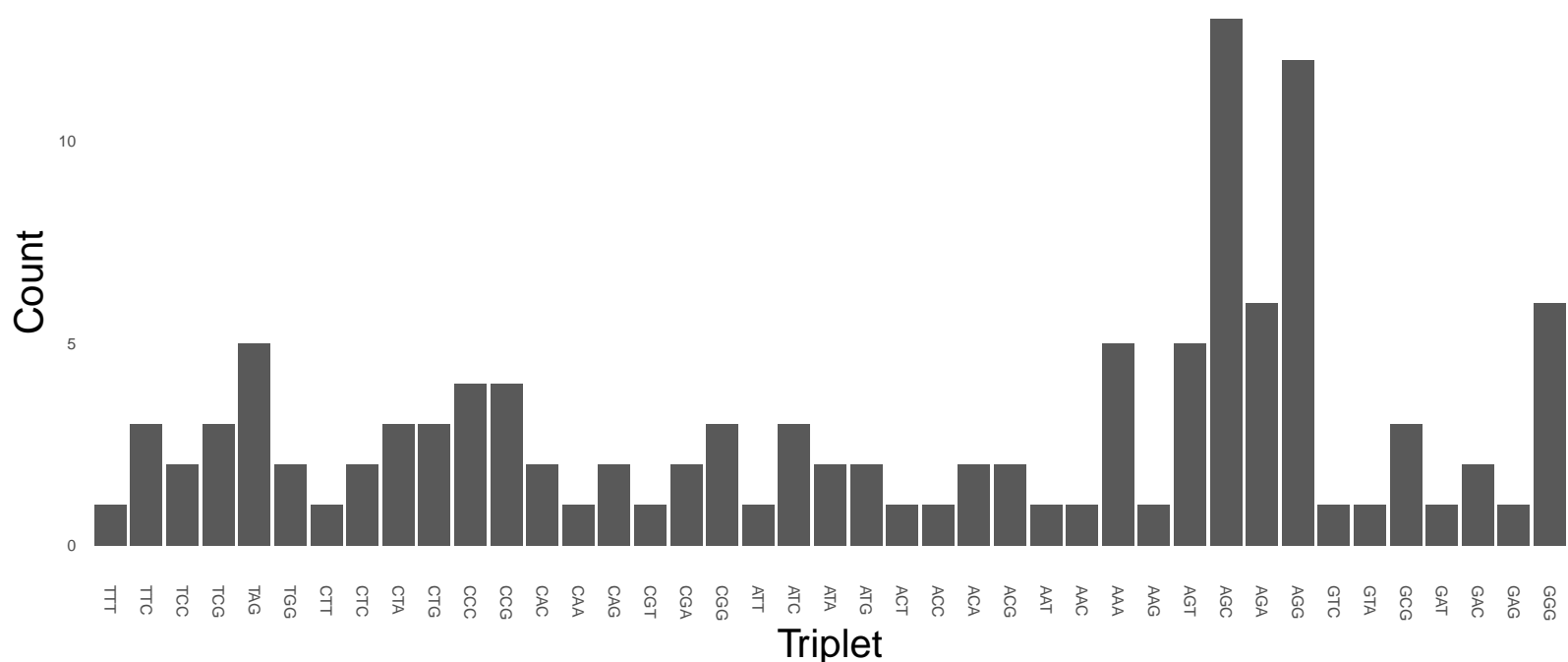
Gene TRBV7-7*ap01_C315T



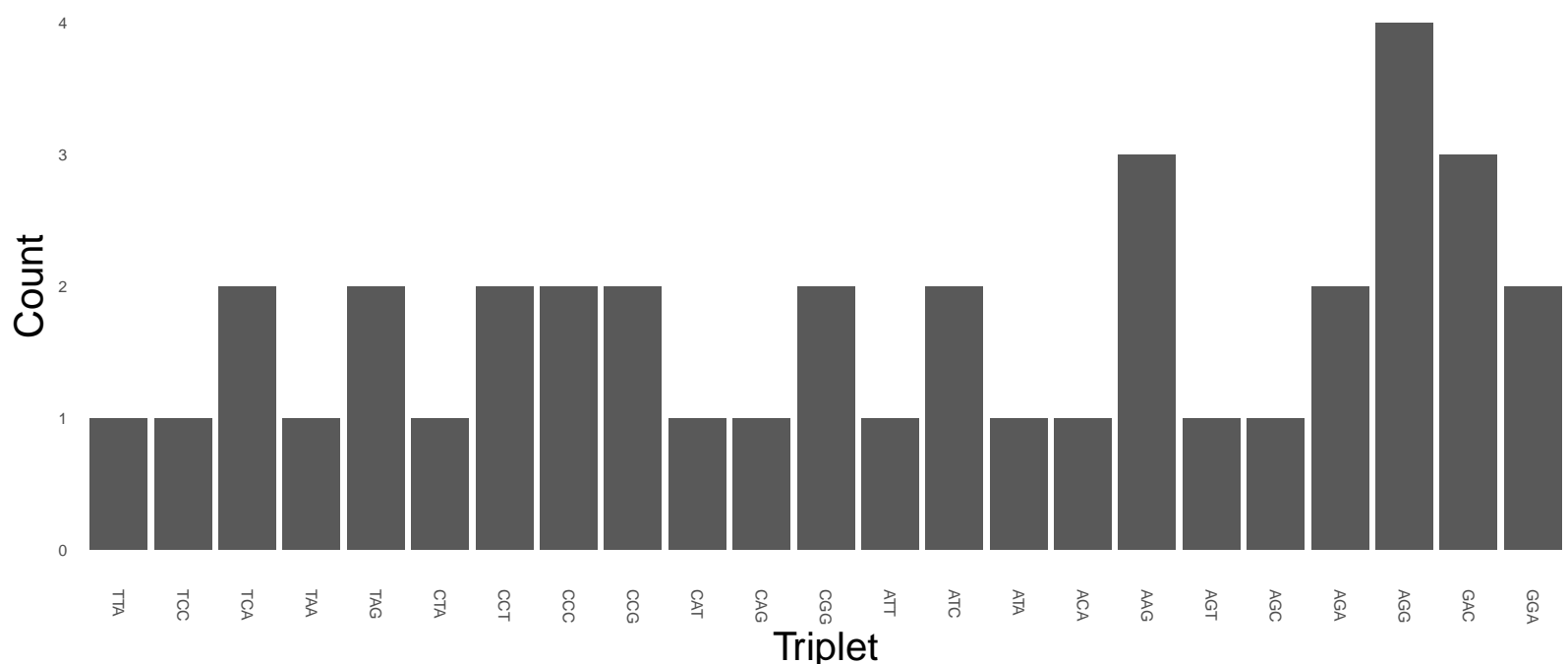
Gene TRBV7-8*ap03_C297G_G303T



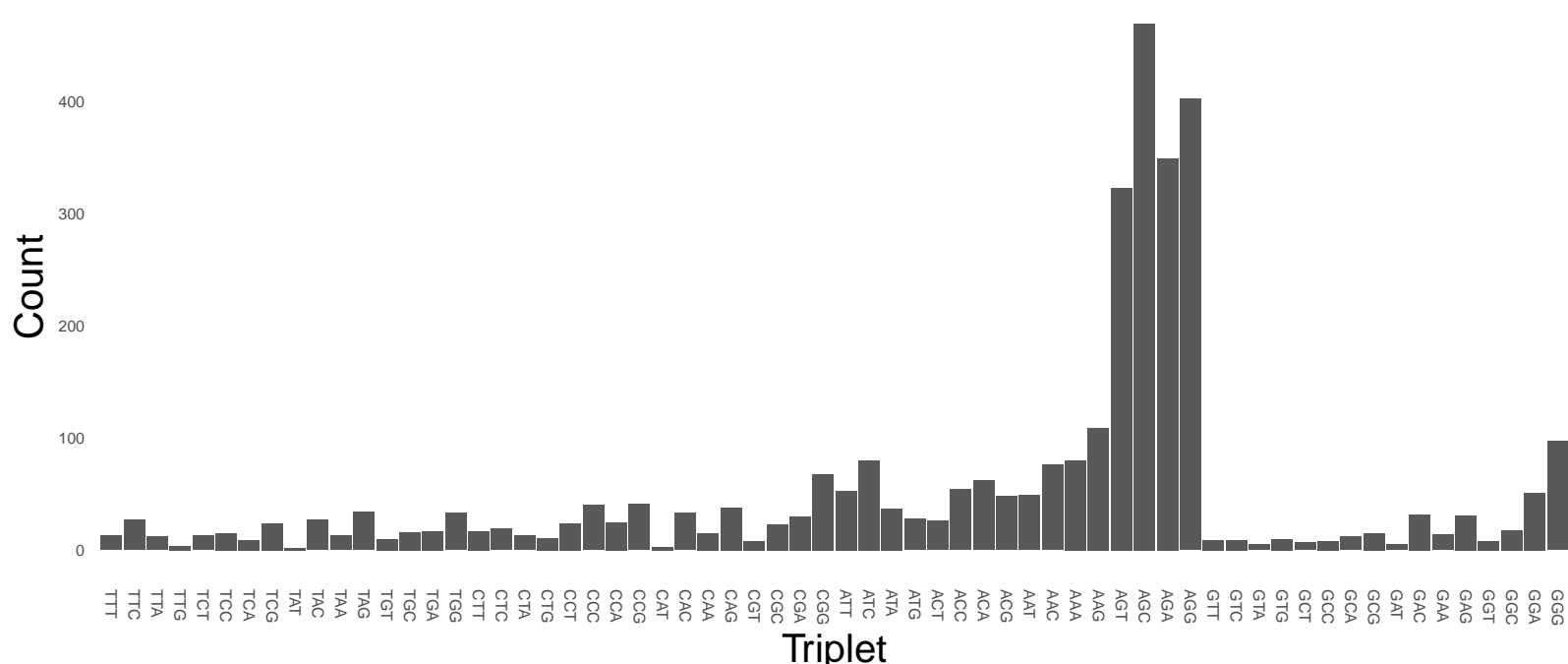
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



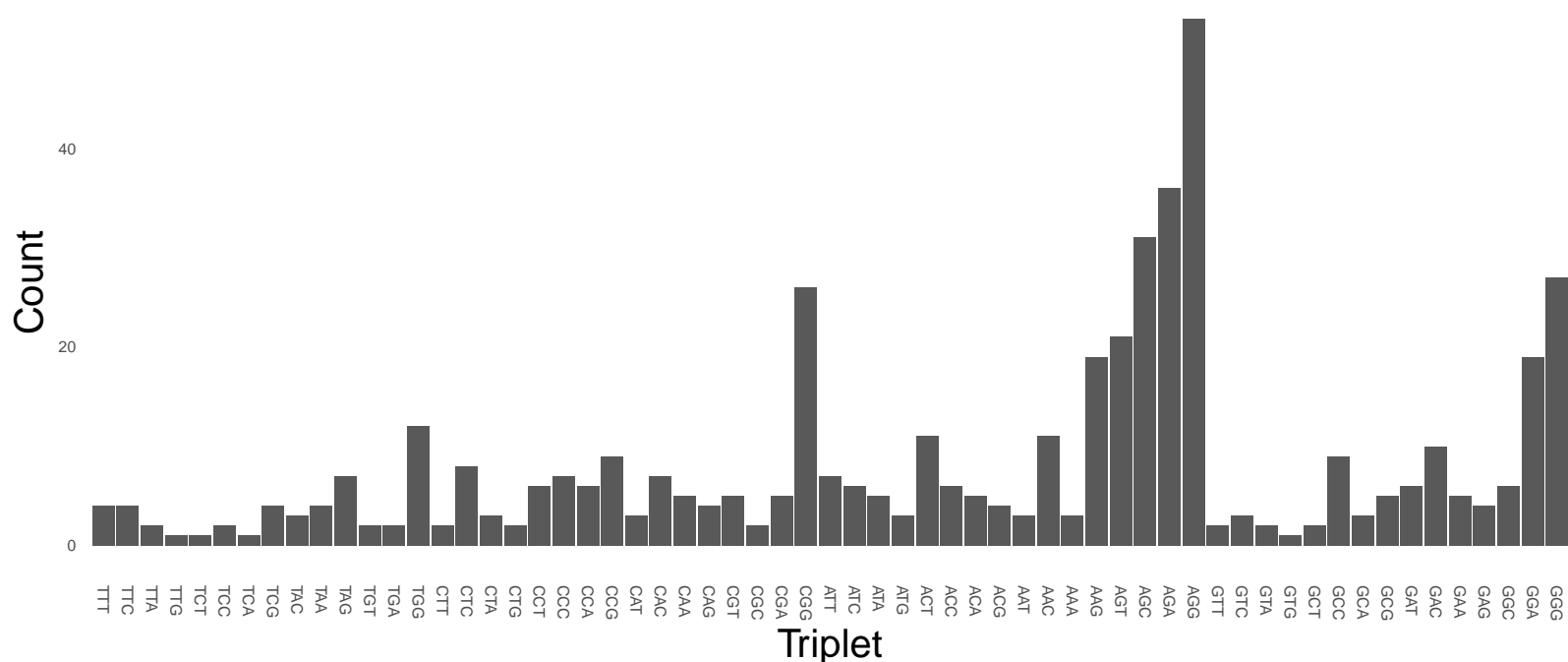
TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



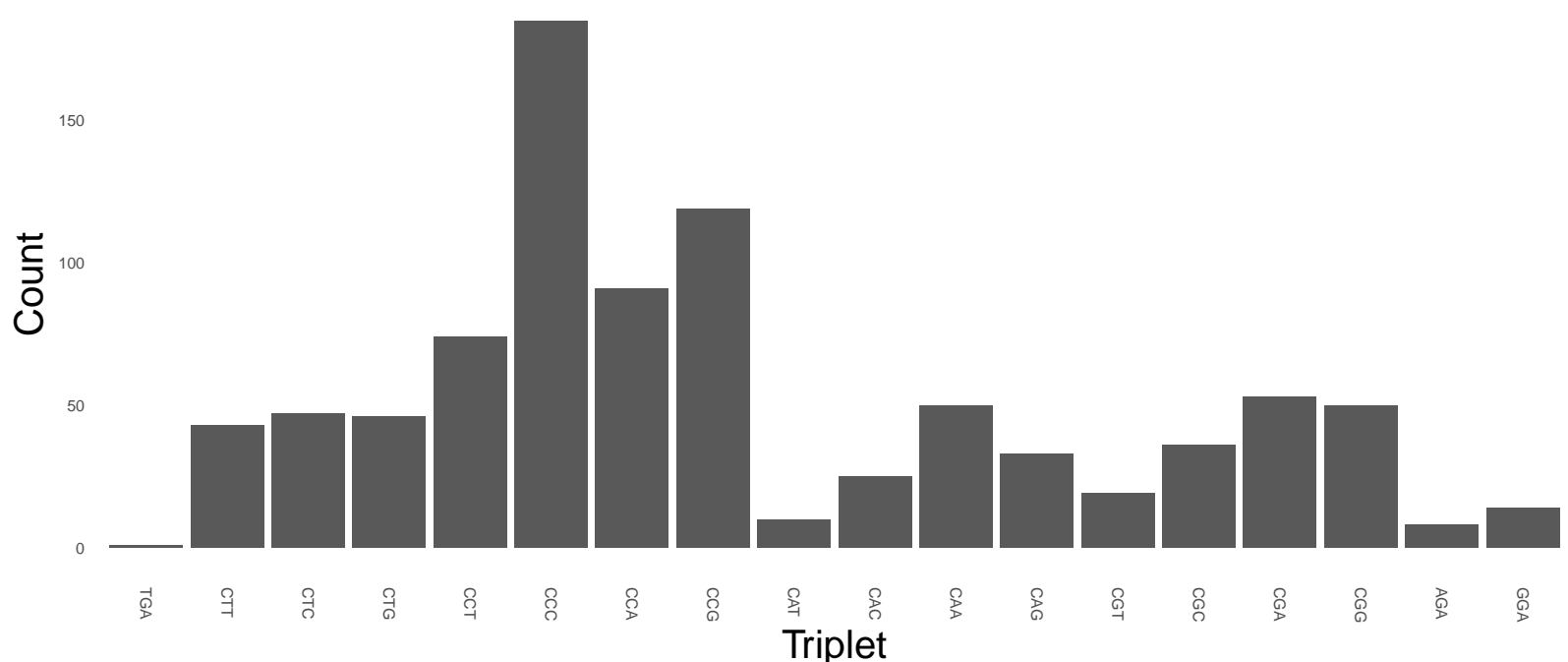
TRBV7-2*ap01_G303T- Final 3 nucleotides as a triplet



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

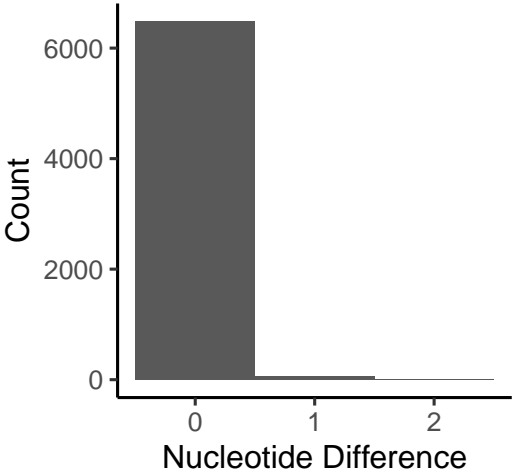


TRBV7-8*ap03_C297G_G303T- Final 3 nucleotides as a triplet



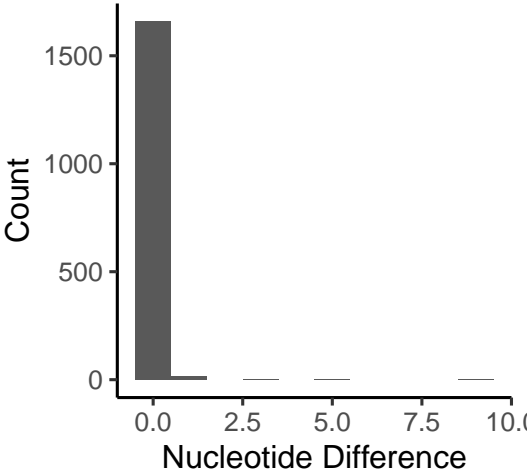
TRBV20-1*ap01

6547 sequences assigned
6483 (99%) exact matches, in which:
6348 unique CDR3
13 unique J



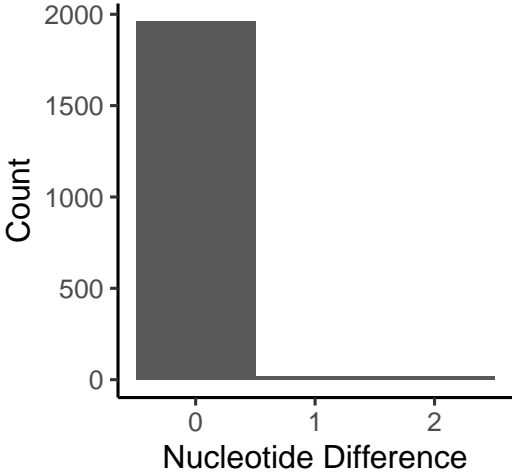
TRBV10-2*ap01

1680 sequences assigned
1659 (98.8%) exact matches, in which:
1624 unique CDR3
13 unique J



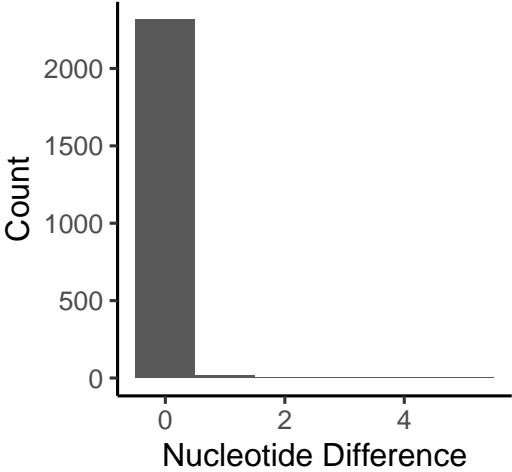
TRBV13*ap01

2000 sequences assigned
1961 (98%) exact matches, in which:
1902 unique CDR3
13 unique J



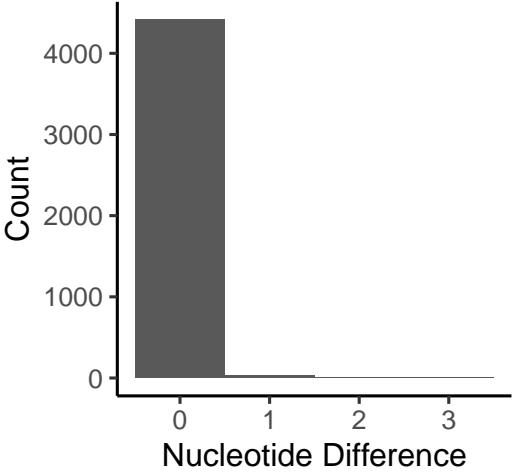
TRBV10-1*ap01

2336 sequences assigned
2315 (99.1%) exact matches, in which:
2264 unique CDR3
13 unique J



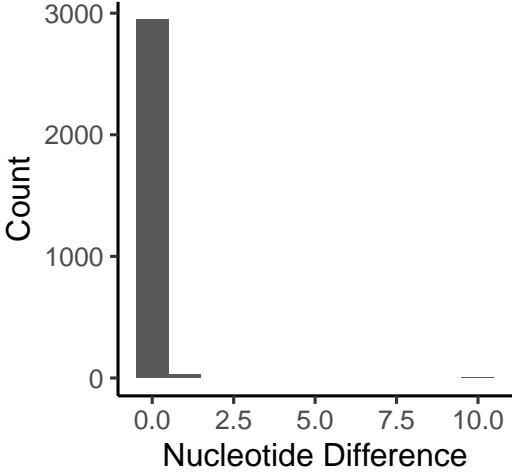
TRBV10-3*ap01

4454 sequences assigned
4414 (99.1%) exact matches, in which:
4299 unique CDR3
13 unique J



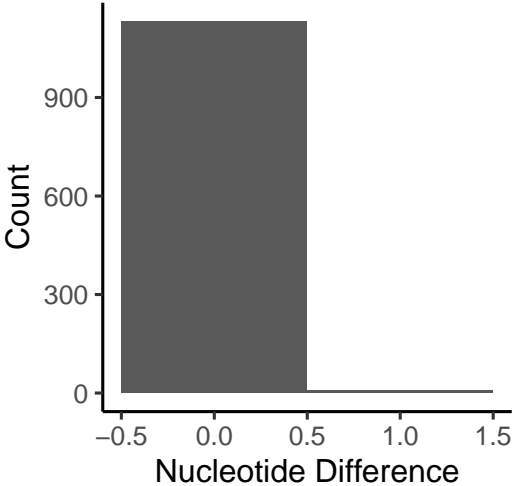
TRBV14*ap01

2977 sequences assigned
2946 (99%) exact matches, in which:
2867 unique CDR3
13 unique J



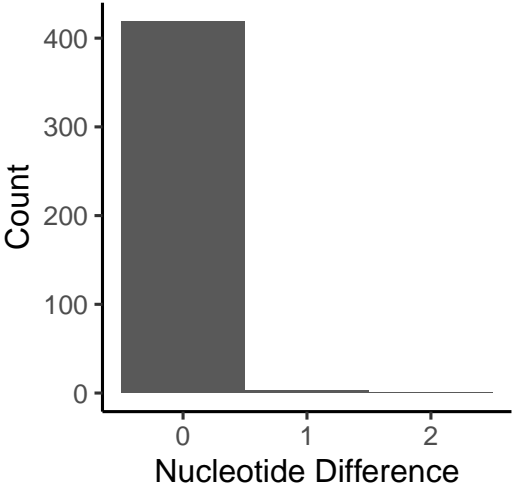
TRBV20-1*ap02

1140 sequences assigned
1132 (99.3%) exact matches, in which:
1102 unique CDR3
13 unique J



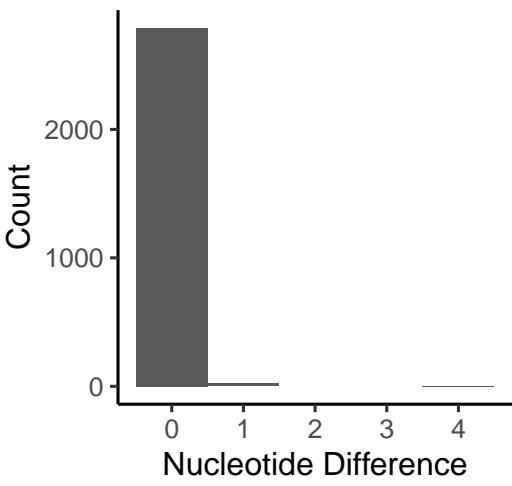
TRBV1*ap01

423 sequences assigned
419 (99.1%) exact matches, in which:
409 unique CDR3
13 unique J



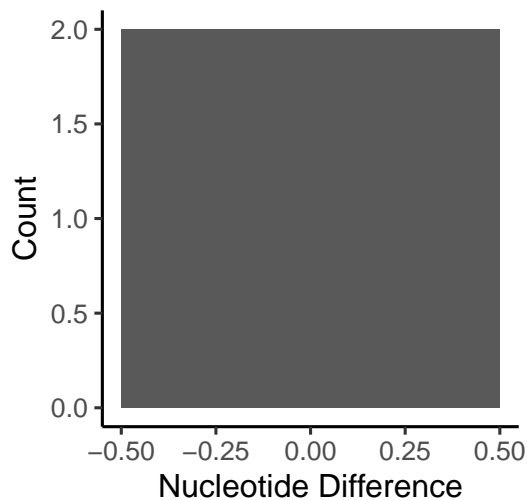
TRBV15*ap02

2811 sequences assigned
2789 (99.2%) exact matches, in which:
2694 unique CDR3
13 unique J



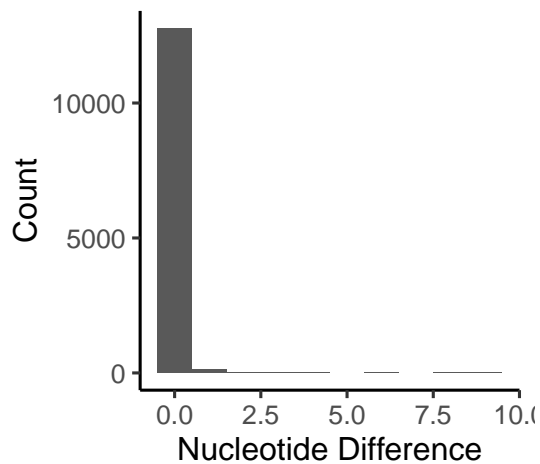
TRBV16*ap01

2 sequences assigned
2 (100%) exact matches, in which:
2 unique CDR3
2 unique J



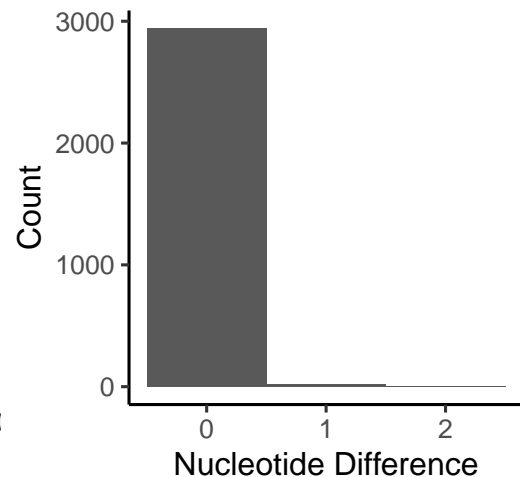
TRBV19*ap01

12907 sequences assigned
12774 (99%) exact matches, in which:
12594 unique CDR3
13 unique J



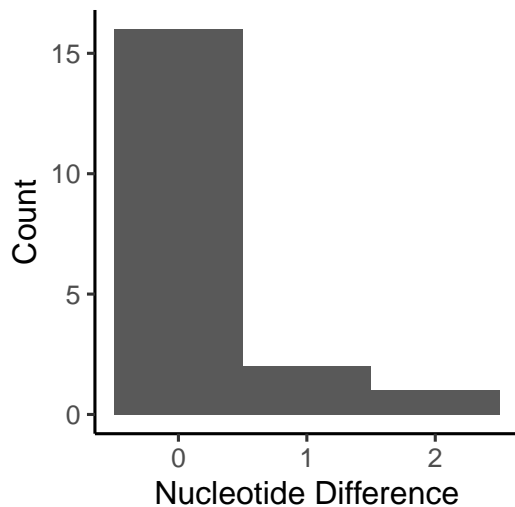
TRBV28*ap01

2964 sequences assigned
2941 (99.2%) exact matches, in which:
2874 unique CDR3
13 unique J



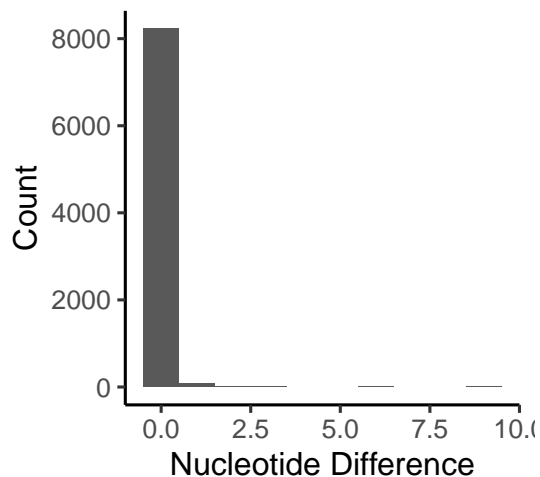
TRBV17*ap01

19 sequences assigned
16 (84.2%) exact matches, in which:
16 unique CDR3
9 unique J



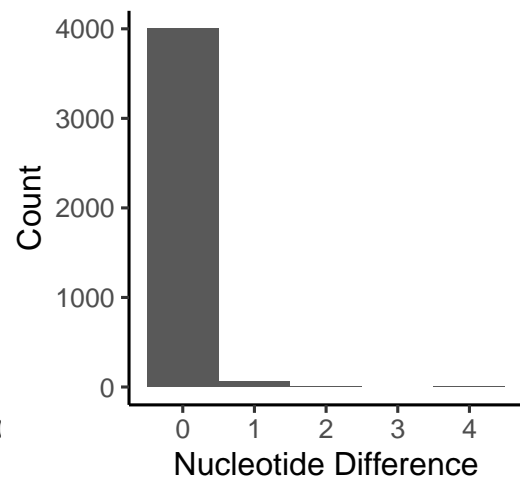
TRBV2*ap01

8315 sequences assigned
8228 (99%) exact matches, in which:
8027 unique CDR3
13 unique J



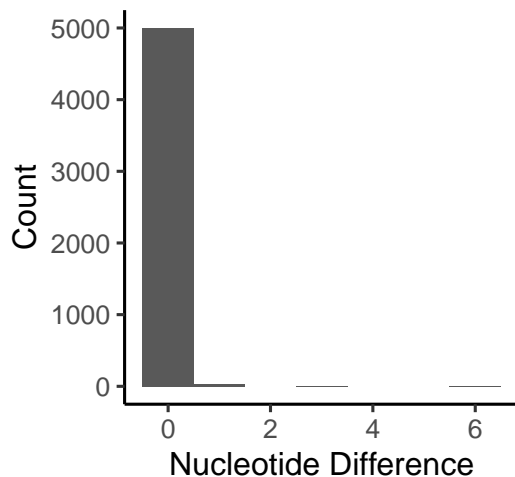
TRBV30*ap01

4067 sequences assigned
4001 (98.4%) exact matches, in which:
3903 unique CDR3
13 unique J



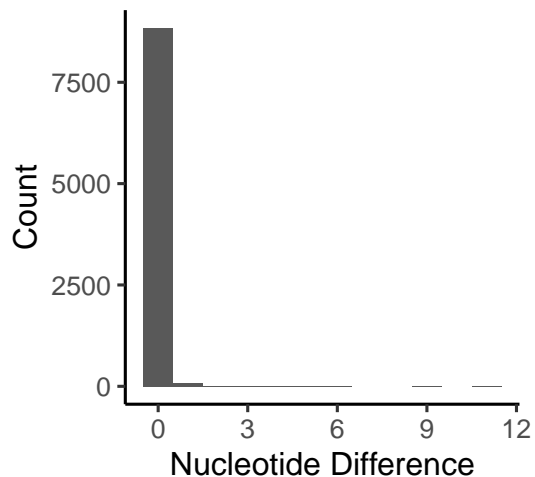
TRBV18*ap01

5032 sequences assigned
4999 (99.3%) exact matches, in which:
4899 unique CDR3
13 unique J



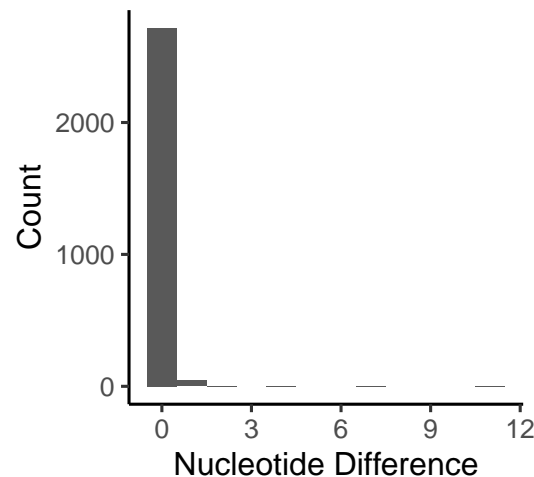
TRBV27*ap01

8933 sequences assigned
8838 (98.9%) exact matches, in which:
8586 unique CDR3
13 unique J



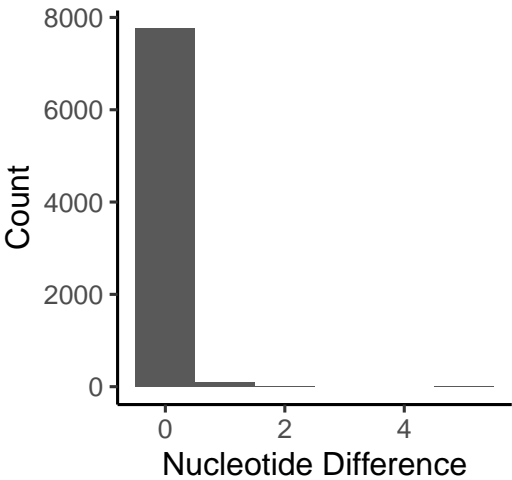
TRBV30*ap02

2765 sequences assigned
2716 (98.2%) exact matches, in which:
2655 unique CDR3
13 unique J



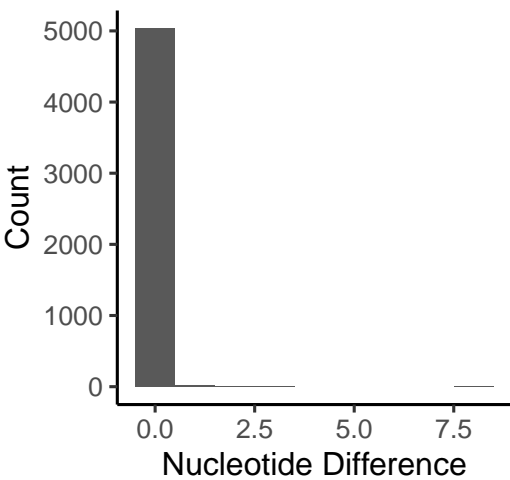
TRBV9*ap01

7852 sequences assigned
7762 (98.9%) exact matches, in which:
7585 unique CDR3
13 unique J



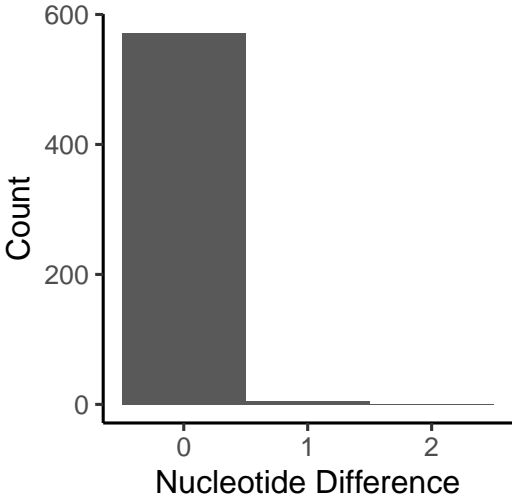
TRBV11-2*ap01

5062 sequences assigned
5035 (99.5%) exact matches, in which:
4950 unique CDR3
13 unique J



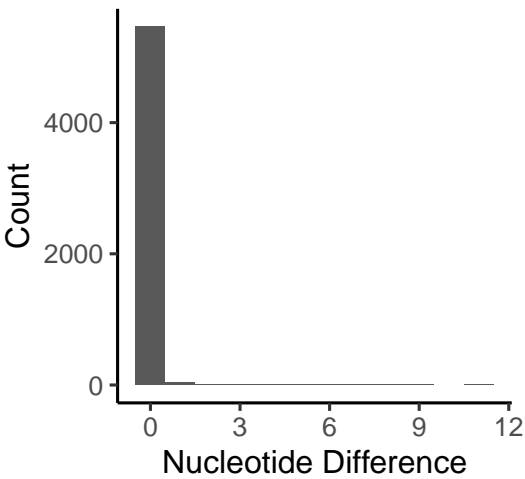
TRBV12-2*ap01

578 sequences assigned
572 (99%) exact matches, in which:
563 unique CDR3
13 unique J



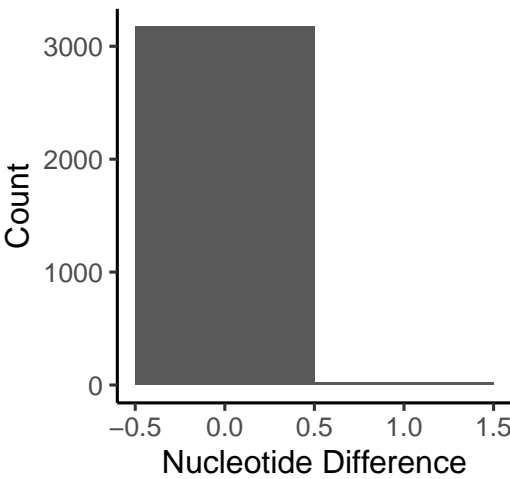
TRBV21-1*ap01

5549 sequences assigned
5462 (98.4%) exact matches, in which:
5358 unique CDR3
13 unique J



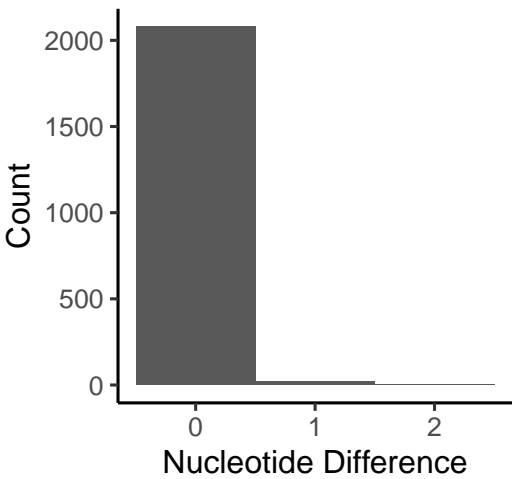
TRBV11-3*ap01

3194 sequences assigned
3173 (99.3%) exact matches, in which:
3130 unique CDR3
13 unique J



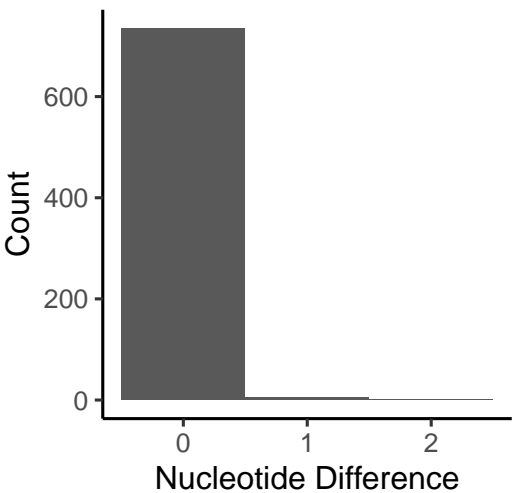
TRBV12-5*ap01

2100 sequences assigned
2079 (99%) exact matches, in which:
2024 unique CDR3
13 unique J



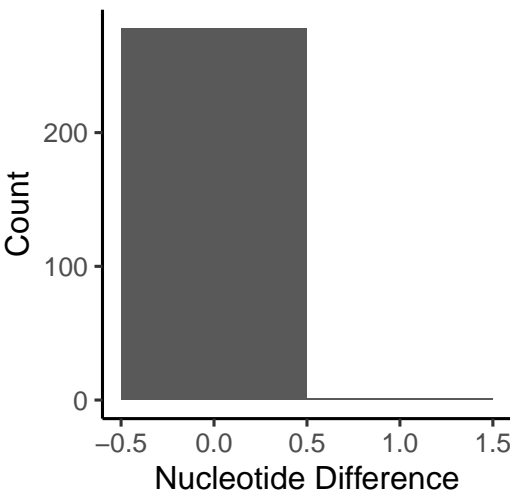
TRBV11-1*ap01

741 sequences assigned
735 (99.2%) exact matches, in which:
725 unique CDR3
13 unique J



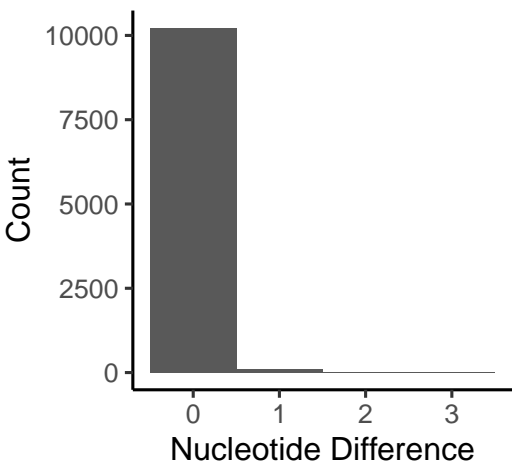
TRBV12-1*ap01

279 sequences assigned
278 (99.6%) exact matches, in which:
269 unique CDR3
13 unique J



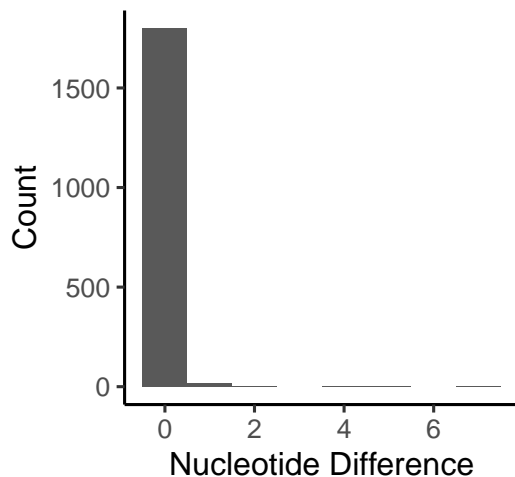
TRBV12-34*ap01

10332 sequences assigned
10226 (99%) exact matches, in which:
9980 unique CDR3
13 unique J



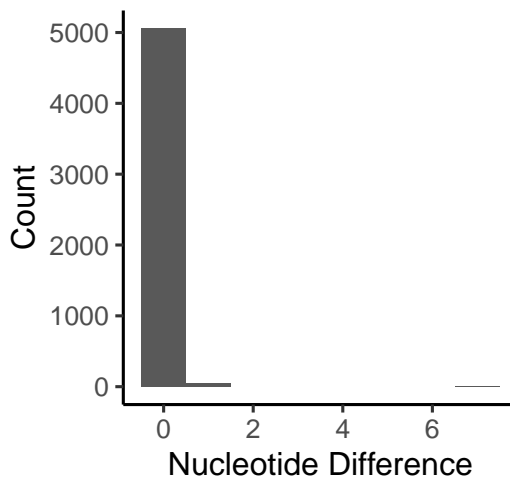
TRBV23-1*ap01

1824 sequences assigned
1799 (98.6%) exact matches, in which:
1751 unique CDR3
13 unique J



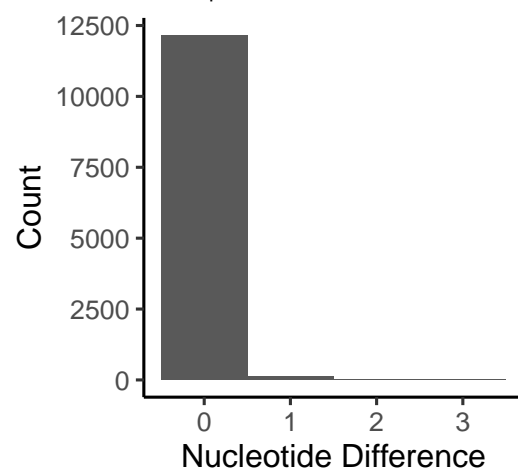
TRBV4-1*ap01

5112 sequences assigned
5058 (98.9%) exact matches, in which:
4903 unique CDR3
13 unique J



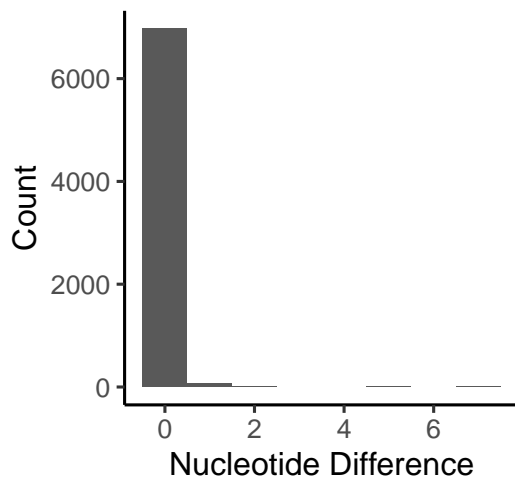
TRBV5-1*ap01

12303 sequences assigned
12160 (98.8%) exact matches, in which:
11783 unique CDR3
13 unique J



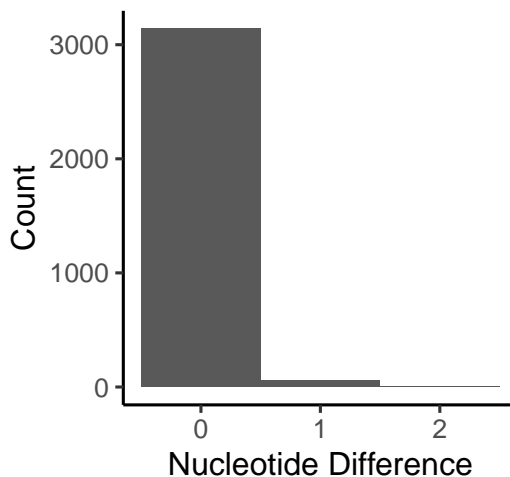
TRBV3-12*ap01

7035 sequences assigned
6971 (99.1%) exact matches, in which:
6846 unique CDR3
13 unique J



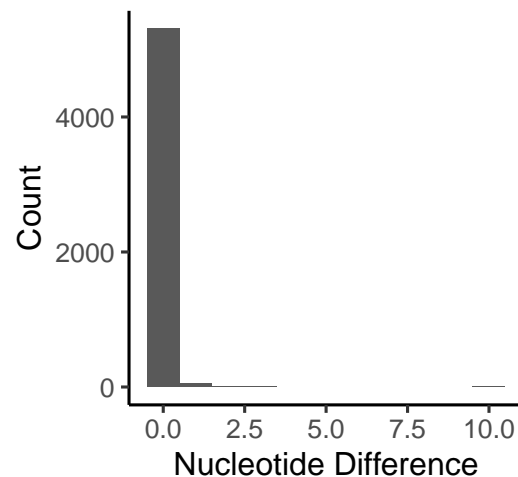
TRBV4-2*ap01

3197 sequences assigned
3140 (98.2%) exact matches, in which:
3054 unique CDR3
13 unique J



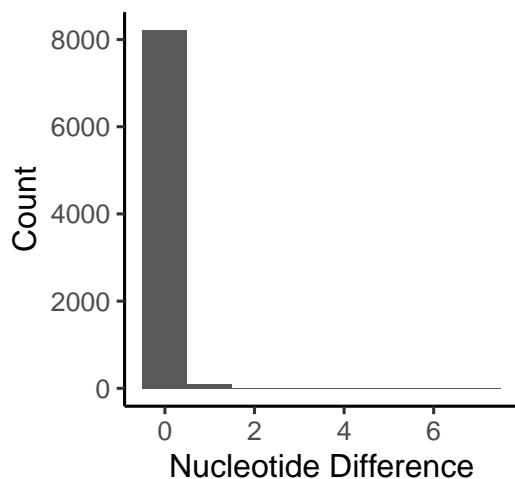
TRBV25-1*ap01

5370 sequences assigned
5307 (98.8%) exact matches, in which:
5146 unique CDR3
13 unique J



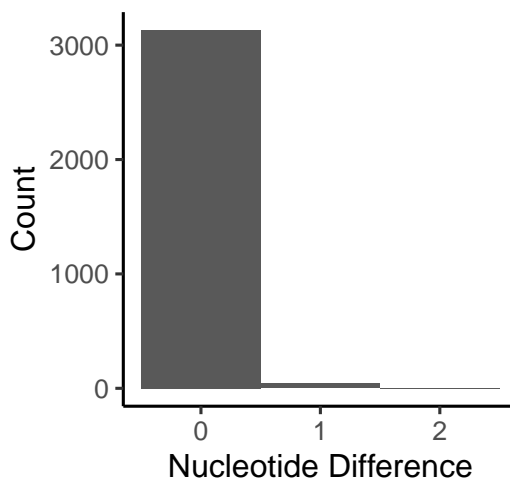
TRBV24-1*ap01

8339 sequences assigned
8217 (98.5%) exact matches, in which:
8015 unique CDR3
13 unique J



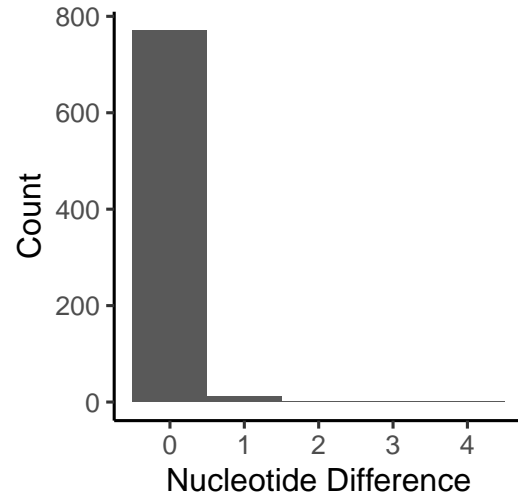
TRBV4-3*ap01

3176 sequences assigned
3132 (98.6%) exact matches, in which:
3031 unique CDR3
13 unique J



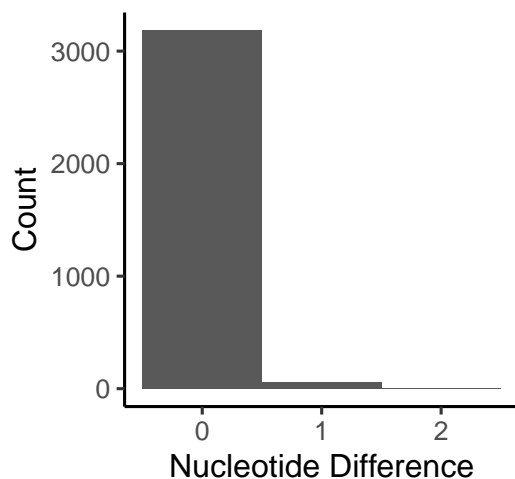
TRBV5-3*ap01

786 sequences assigned
771 (98.1%) exact matches, in which:
757 unique CDR3
13 unique J



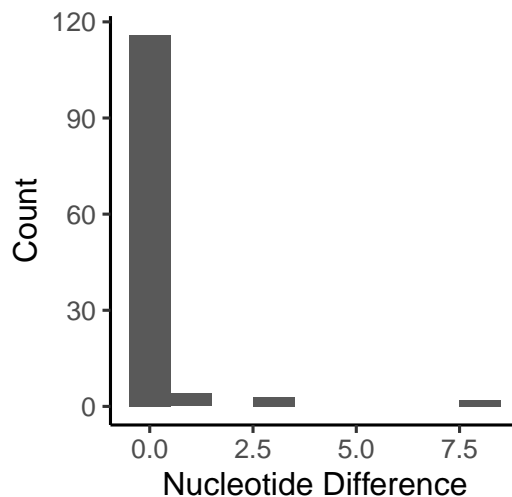
TRBV5-4*ap01

3242 sequences assigned
3184 (98.2%) exact matches, in which:
3123 unique CDR3
13 unique J



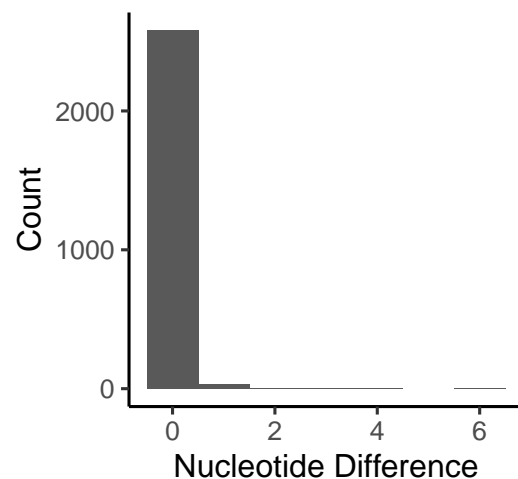
TRBV5-7*ap01

125 sequences assigned
116 (92.8%) exact matches, in which:
114 unique CDR3
12 unique J



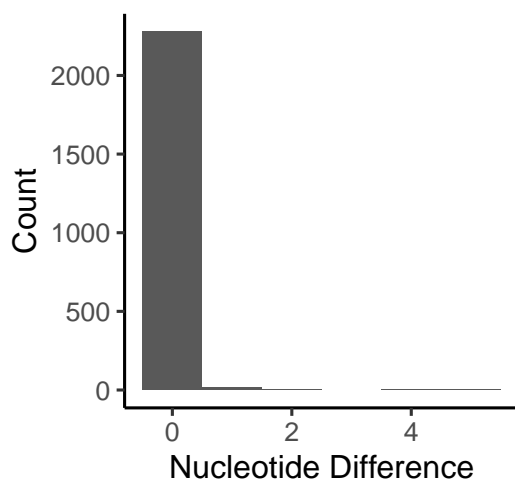
TRBV6-4*ap01

2623 sequences assigned
2580 (98.4%) exact matches, in which:
2524 unique CDR3
13 unique J



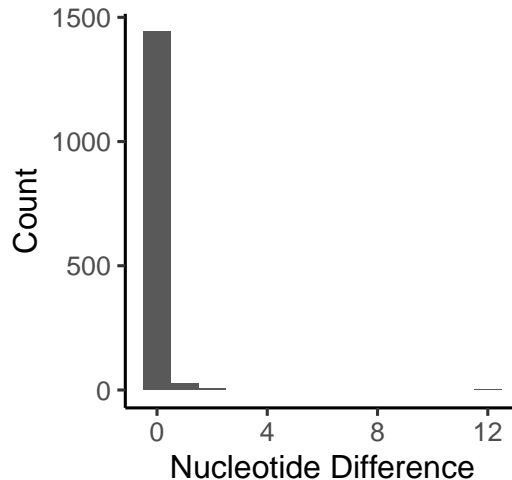
TRBV5-5*ap01

2300 sequences assigned
2278 (99%) exact matches, in which:
2251 unique CDR3
13 unique J



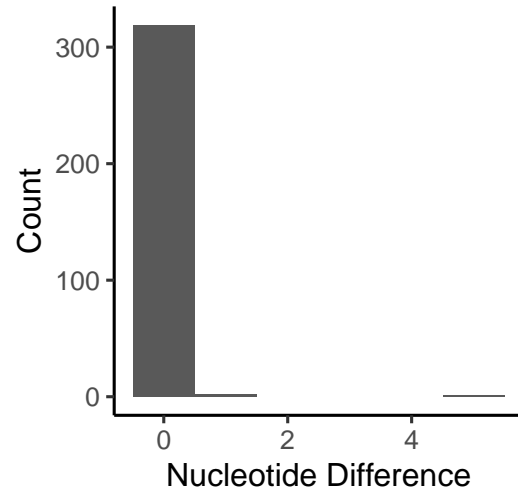
TRBV5-8*ap01

1476 sequences assigned
1442 (97.7%) exact matches, in which:
1422 unique CDR3
13 unique J



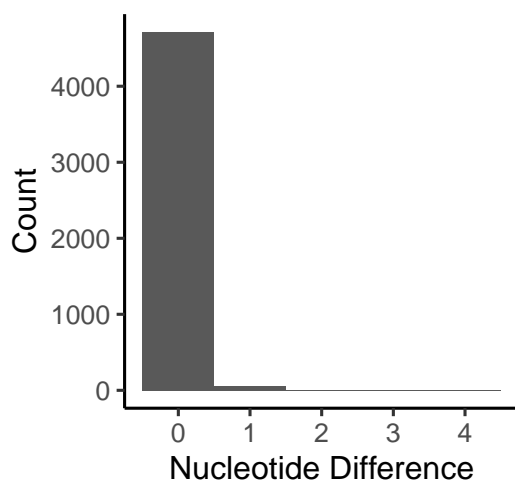
TRBV6-7*ap01

322 sequences assigned
319 (99.1%) exact matches, in which:
307 unique CDR3
13 unique J



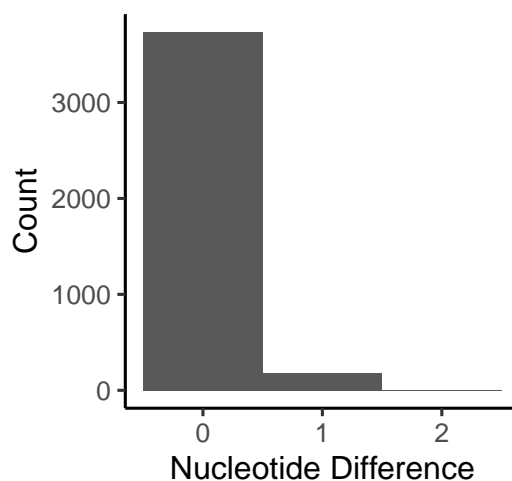
TRBV5-6*ap01

4774 sequences assigned
4713 (98.7%) exact matches, in which:
4562 unique CDR3
13 unique J



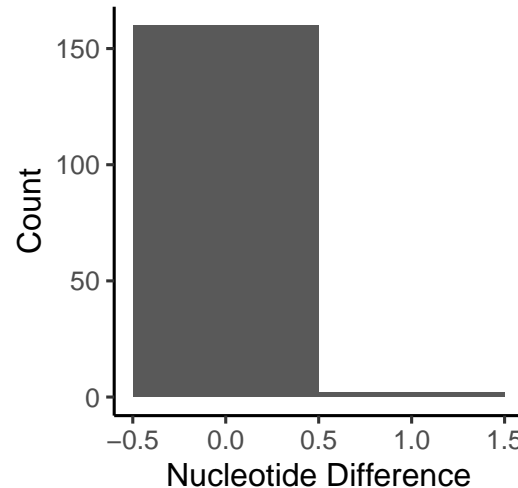
TRBV6-1*ap01

3918 sequences assigned
3734 (95.3%) exact matches, in which:
3625 unique CDR3
13 unique J



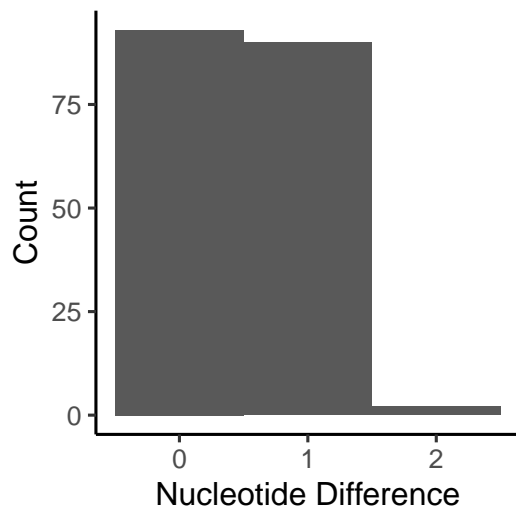
TRBV6-8*ap01

162 sequences assigned
160 (98.8%) exact matches, in which:
151 unique CDR3
12 unique J



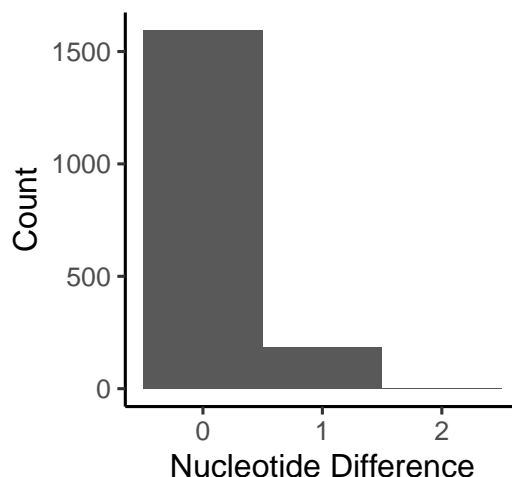
TRBV6-9*ap01

185 sequences assigned
93 (50.3%) exact matches, in which:
92 unique CDR3
12 unique J



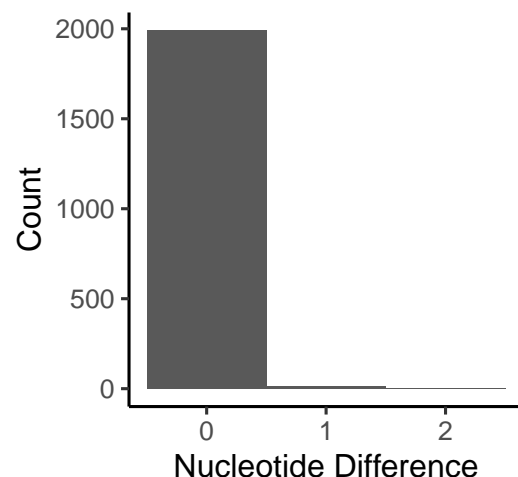
TRBV6-56*ap02

1782 sequences assigned
1594 (89.5%) exact matches, in which:
1540 unique CDR3
13 unique J



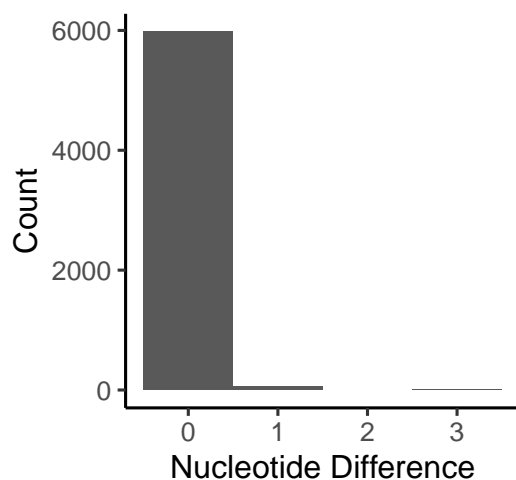
TRBV7-2*ap01

2005 sequences assigned
1991 (99.3%) exact matches, in which:
1950 unique CDR3
13 unique J



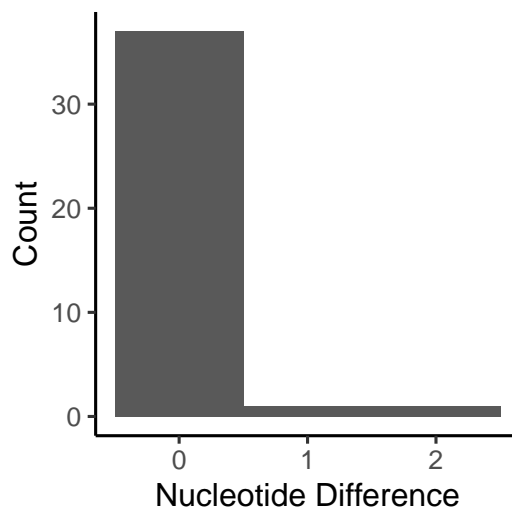
TRBV6-23*ap01

6032 sequences assigned
5978 (99.1%) exact matches, in which:
5785 unique CDR3
13 unique J



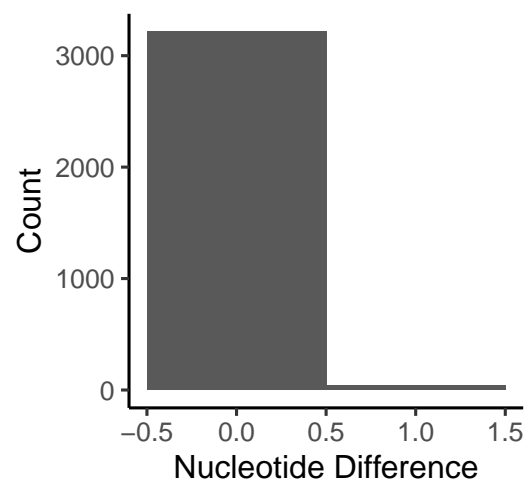
TRBV7-1*ap01_G291C_T

39 sequences assigned
37 (94.9%) exact matches, in which:
37 unique CDR3
10 unique J



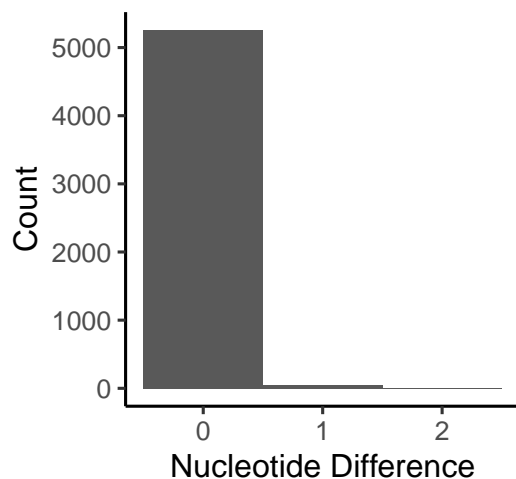
TRBV7-2*ap01_G303T

3253 sequences assigned
3215 (98.8%) exact matches, in which:
3132 unique CDR3
13 unique J



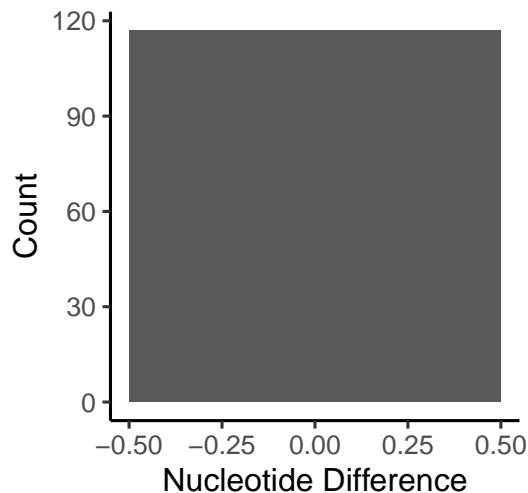
TRBV6-56*ap01

5311 sequences assigned
5257 (99%) exact matches, in which:
5093 unique CDR3
13 unique J



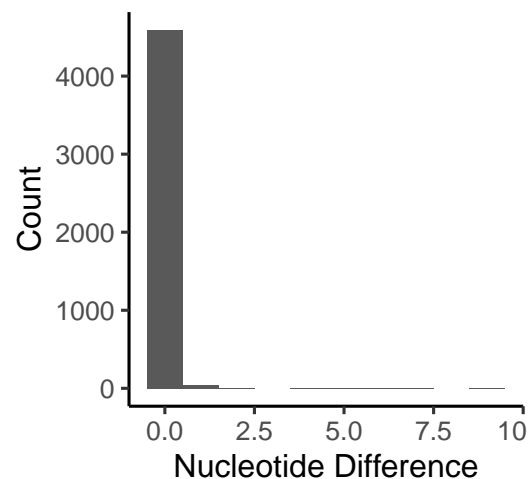
TRBV7-1*ap01_G291C_

117 sequences assigned
117 (100%) exact matches, in which:
113 unique CDR3
12 unique J



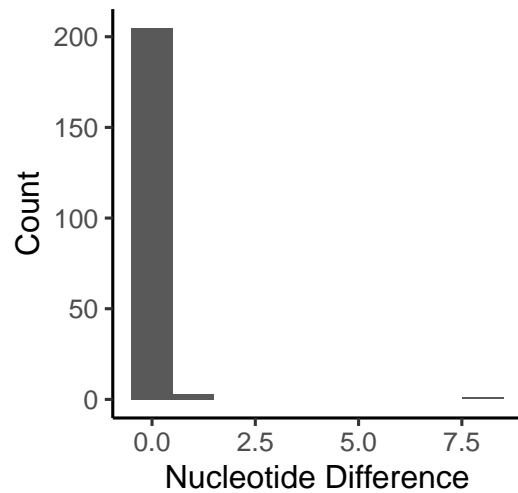
TRBV7-3*ap01

4640 sequences assigned
4590 (98.9%) exact matches, in which:
4489 unique CDR3
13 unique J



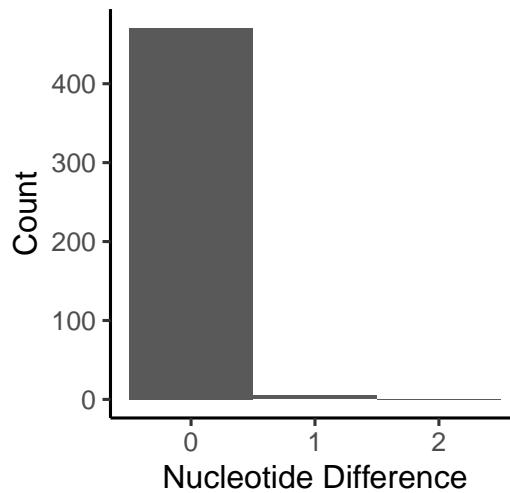
TRBV7-4*ap01

209 sequences assigned
205 (98.1%) exact matches, in which:
199 unique CDR3
13 unique J



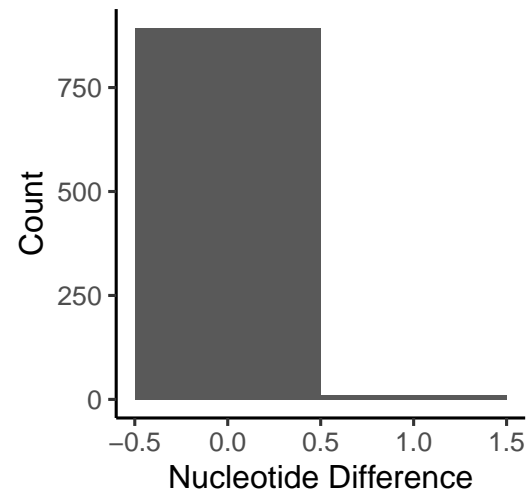
TRBV7-7*ap01_C315T

477 sequences assigned
471 (98.7%) exact matches, in which:
461 unique CDR3
13 unique J



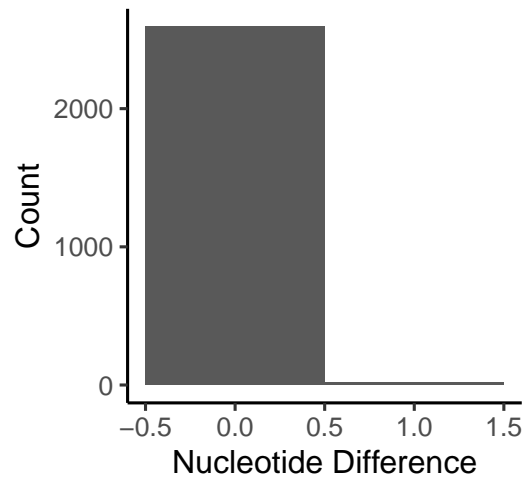
TRBV7-8*ap03_C297G_

904 sequences assigned
894 (98.9%) exact matches, in which:
867 unique CDR3
13 unique J



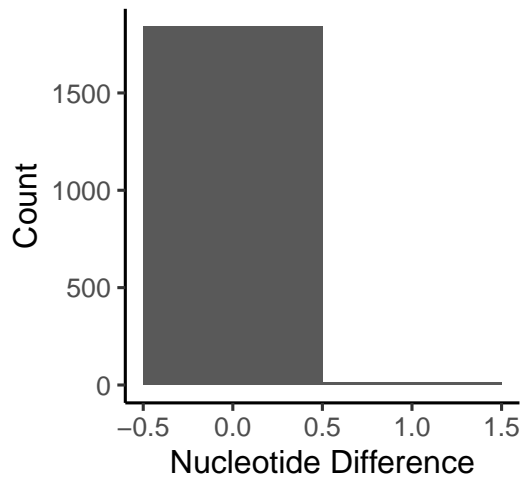
TRBV7-6*ap01

2609 sequences assigned
2593 (99.4%) exact matches, in which:
2520 unique CDR3
13 unique J



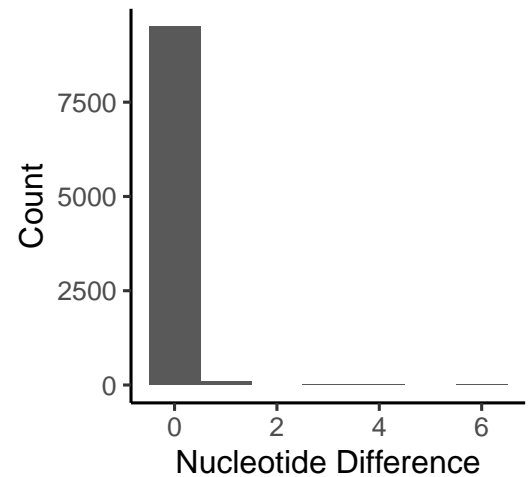
TRBV7-8*ap01

1851 sequences assigned
1840 (99.4%) exact matches, in which:
1790 unique CDR3
13 unique J



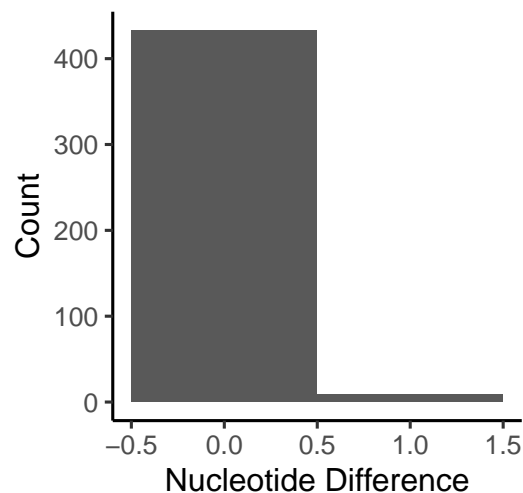
TRBV7-9*ap01

9588 sequences assigned
9501 (99.1%) exact matches, in which:
9258 unique CDR3
13 unique J



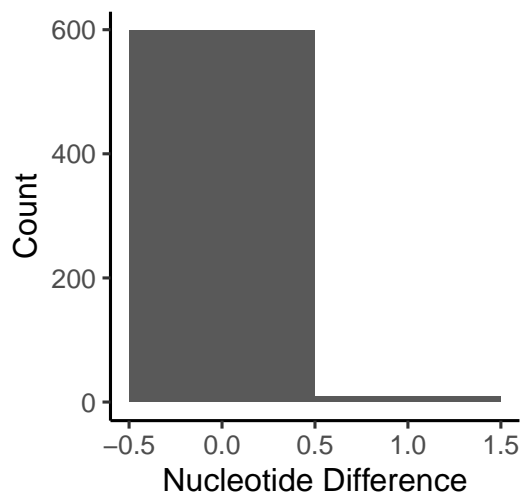
TRBV7-7*ap01

442 sequences assigned
433 (98%) exact matches, in which:
421 unique CDR3
13 unique J



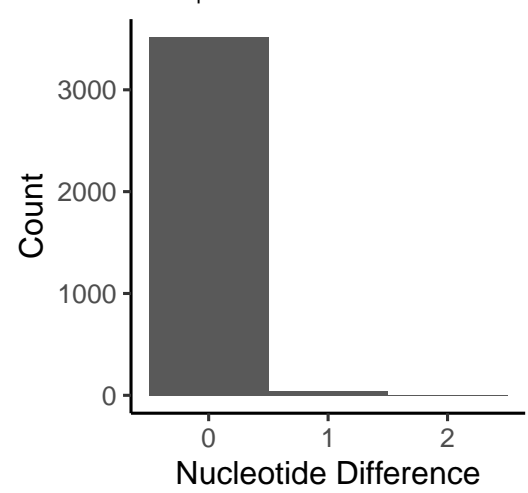
TRBV7-8*ap03

608 sequences assigned
599 (98.5%) exact matches, in which:
585 unique CDR3
14 unique J



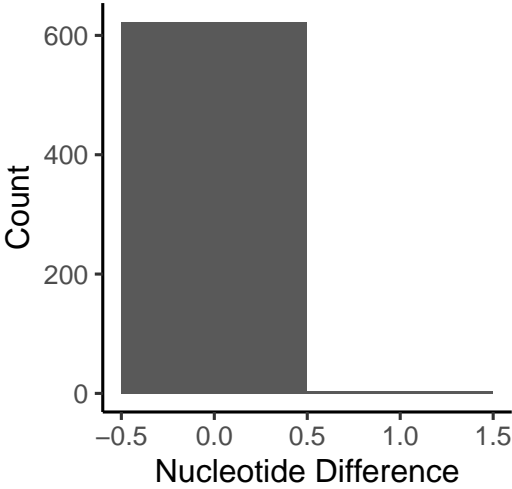
TRBV29-1*ap01

3562 sequences assigned
3518 (98.8%) exact matches, in which:
3443 unique CDR3
13 unique J

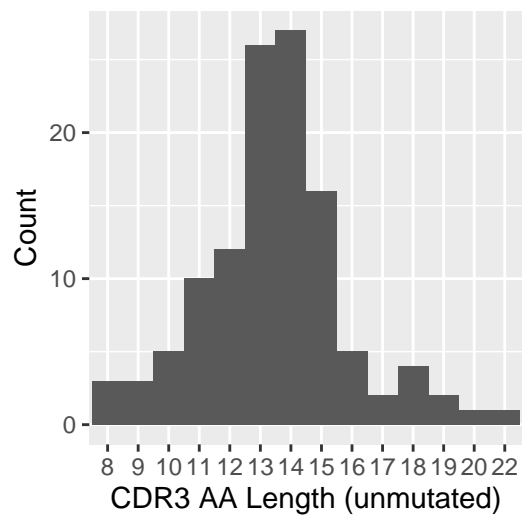


TRBV29-1*ap02

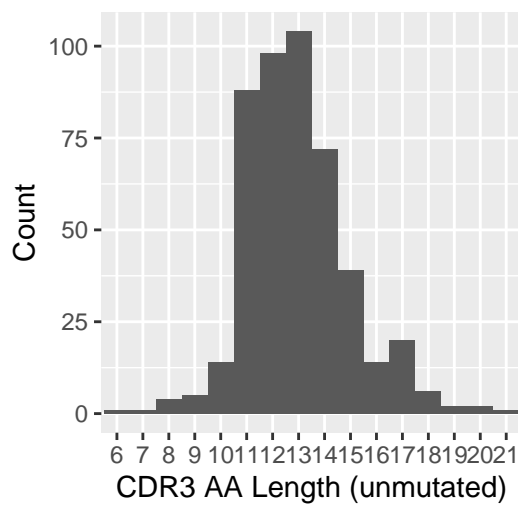
627 sequences assigned
623 (99.4%) exact matches, in which:
605 unique CDR3
13 unique J



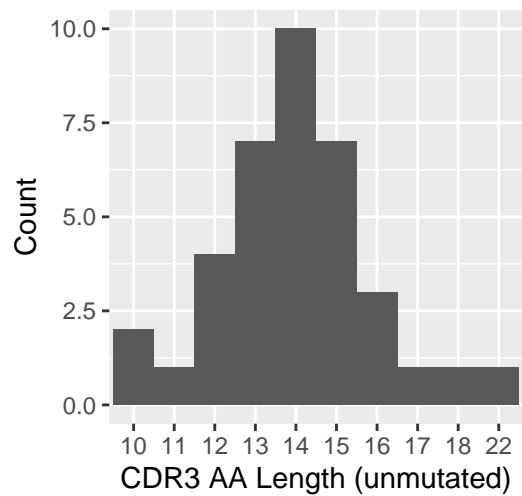
TRBV7-1*ap01_G291C_T29



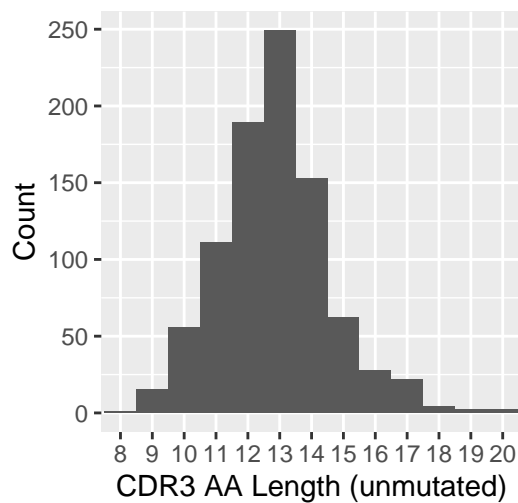
TRBV7-7*ap01_C315T



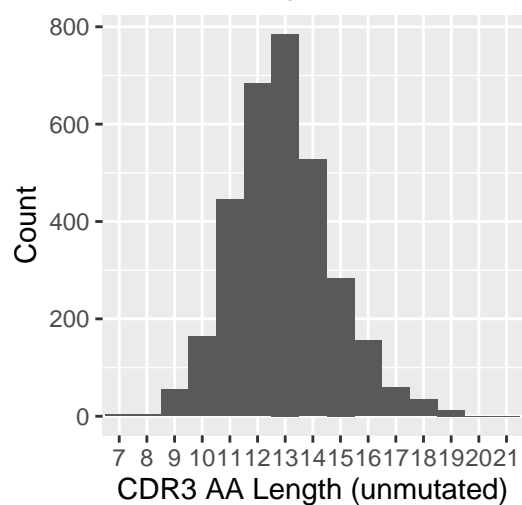
TRBV7-1*ap01_G291C_T2

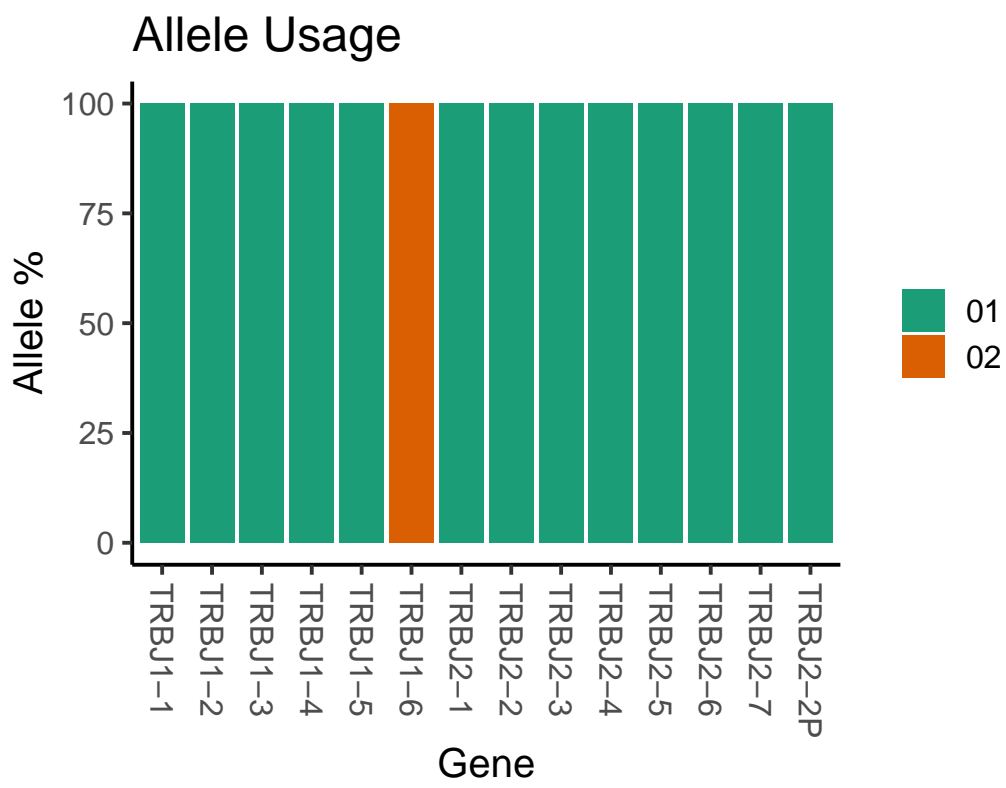


TRBV7-8*ap03_C297G_G303T



TRBV7-2*ap01_G303T





Warning – no inferred sequences found.