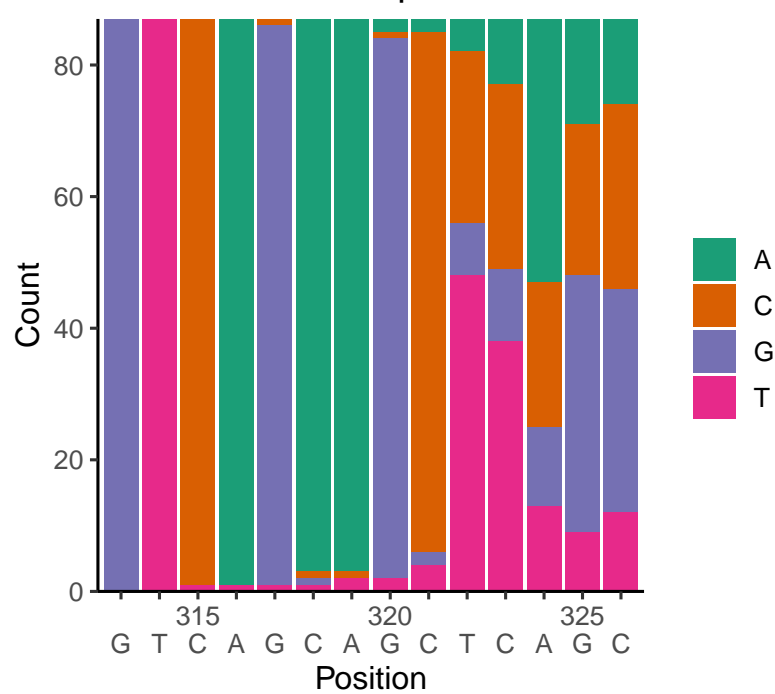
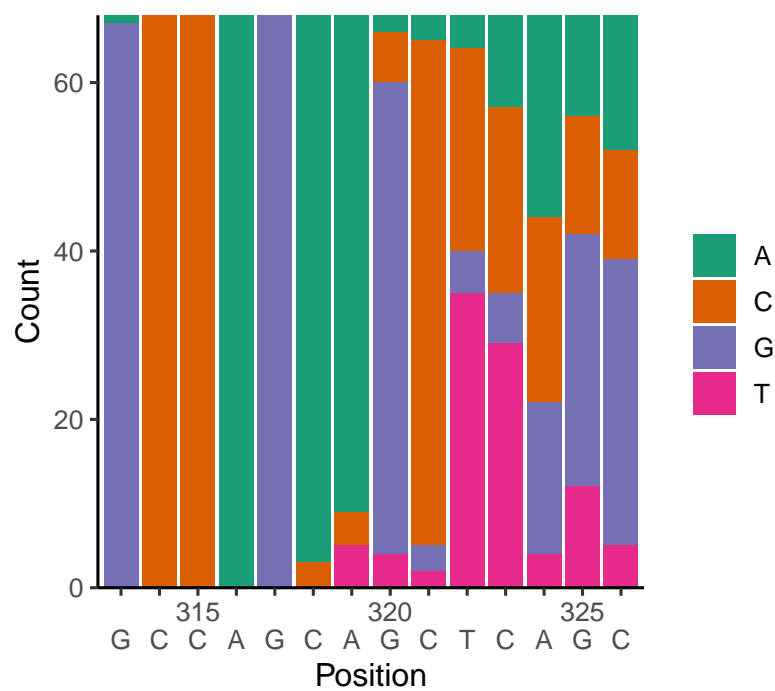


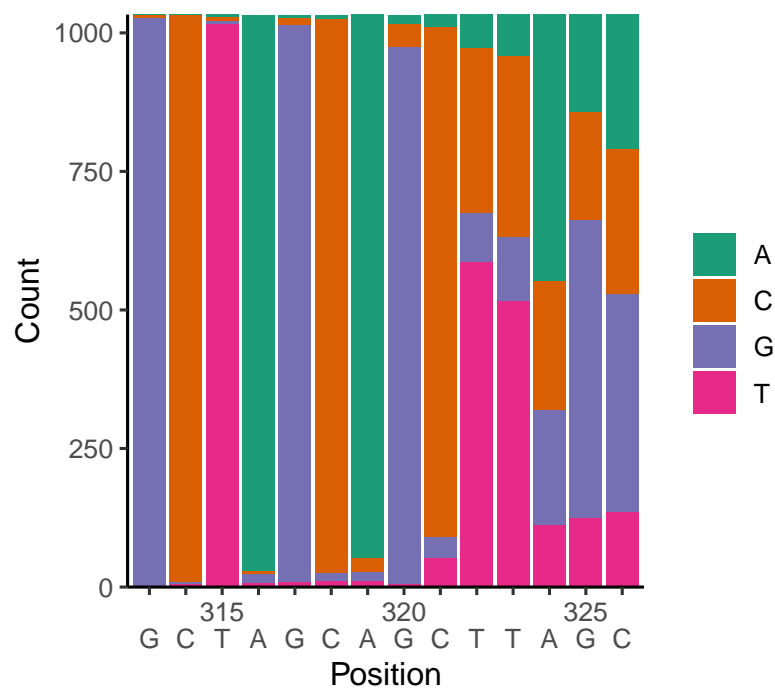
Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C_C314T



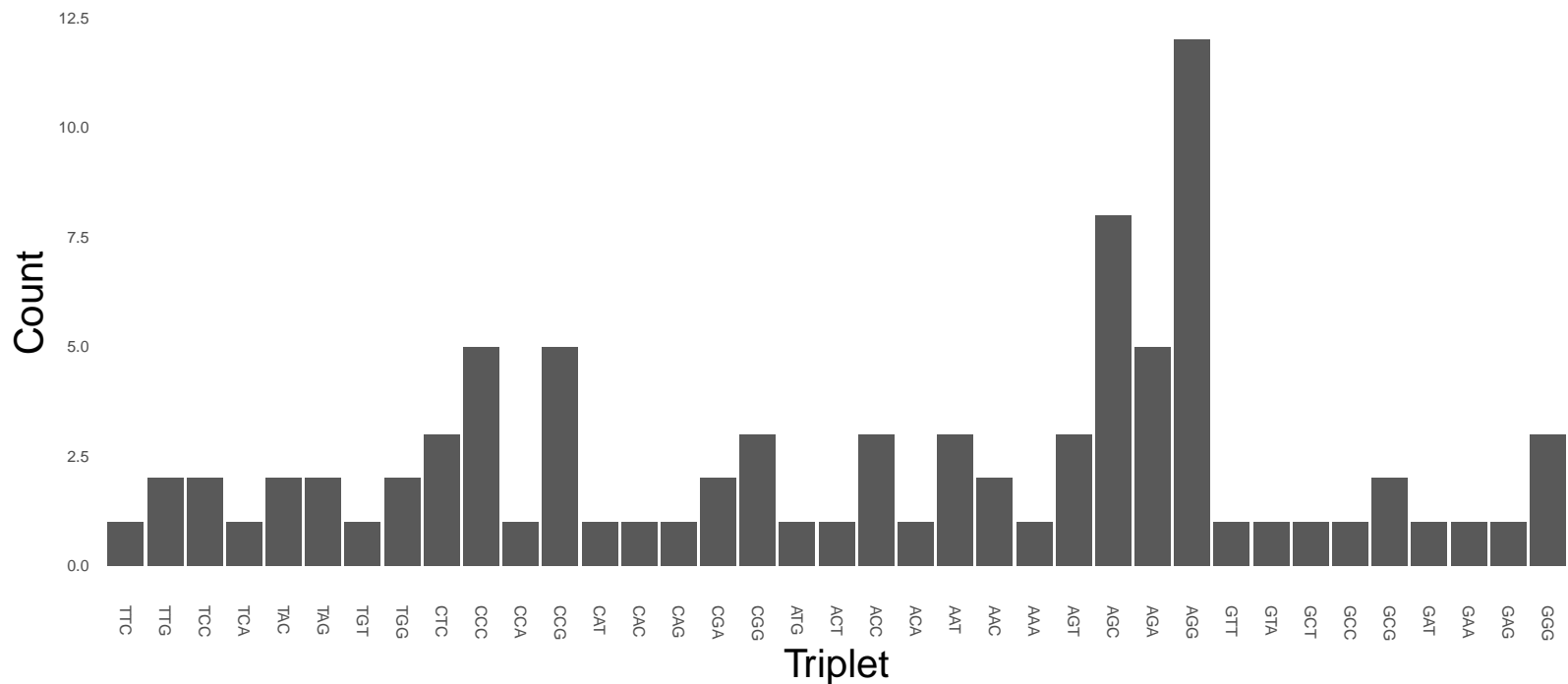
Gene TRBV7-1*ap01_G291C_T296C



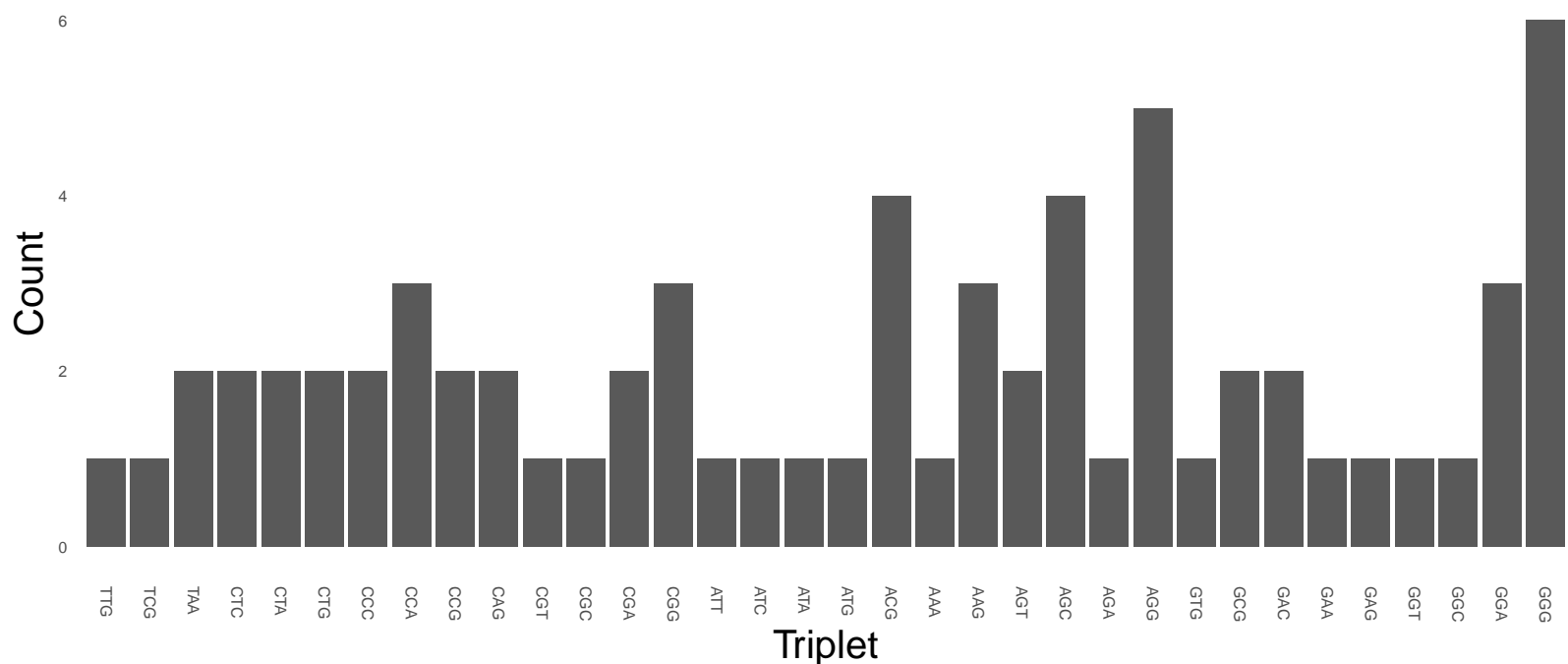
Gene TRBV7-7*ap01_C315T



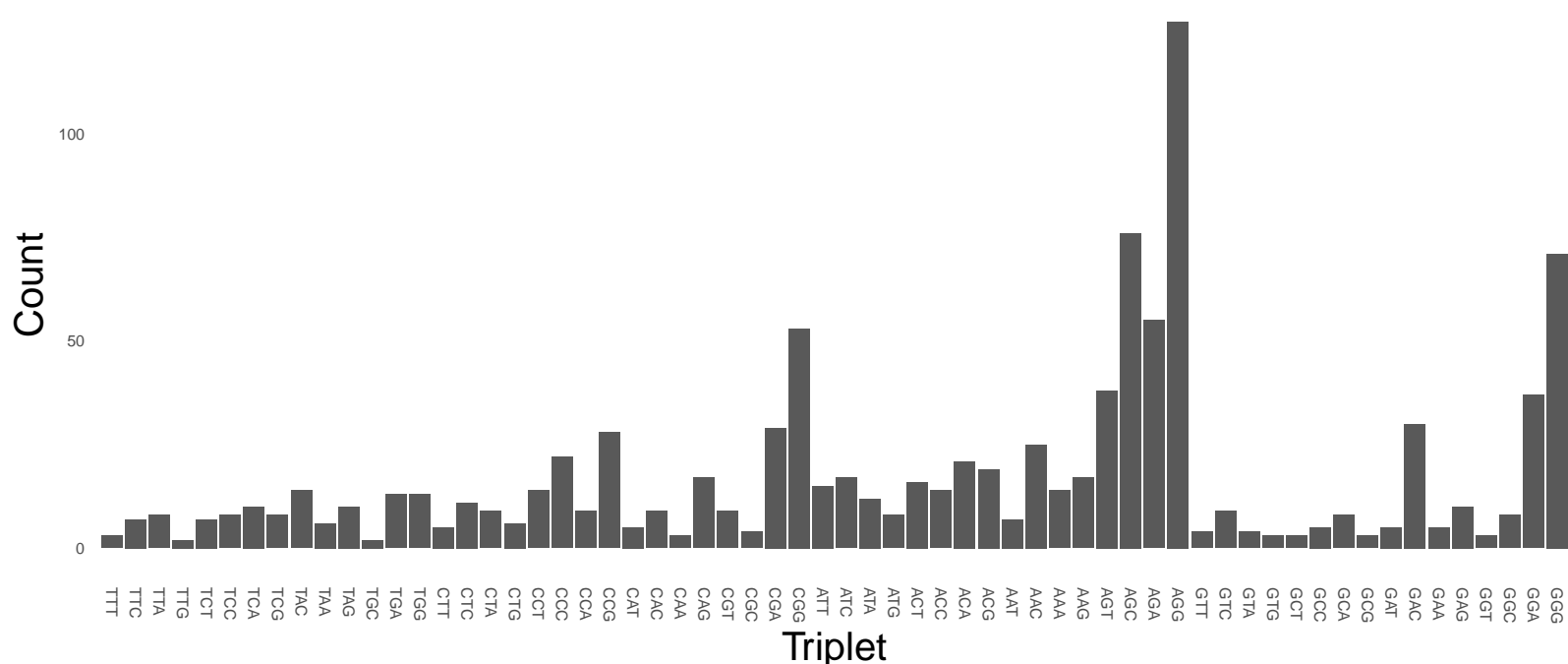
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

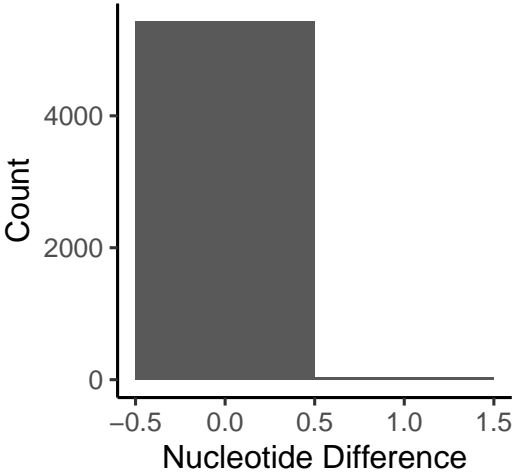


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



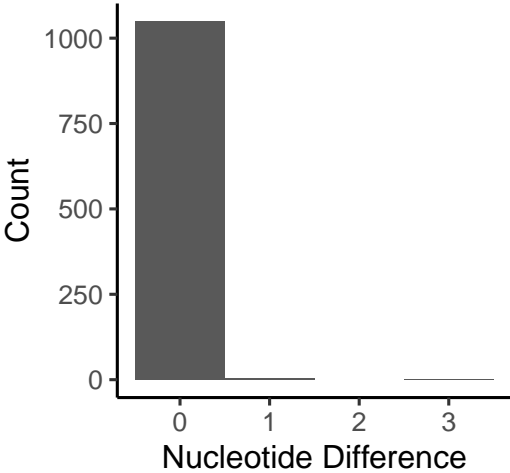
TRBV20-1*ap01

5462 sequences assigned
5431 (99.4%) exact matches, in which:
5382 unique CDR3
13 unique J



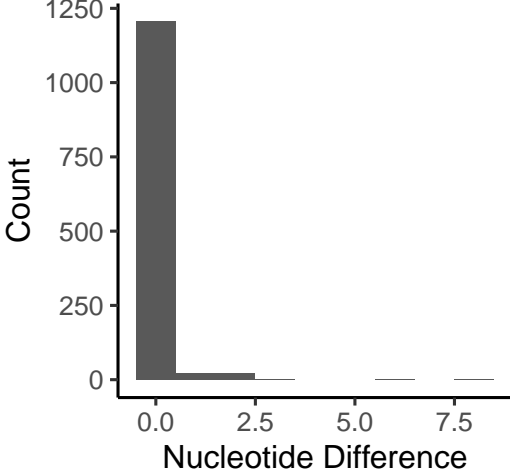
TRBV10-2*ap01

1055 sequences assigned
1049 (99.4%) exact matches, in which:
1025 unique CDR3
13 unique J



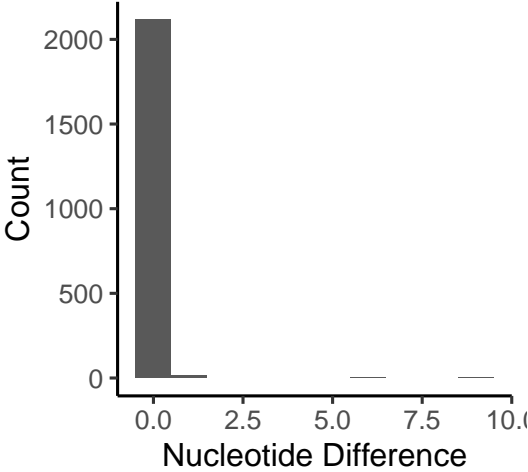
TRBV13*ap01

1256 sequences assigned
1206 (96%) exact matches, in which:
1177 unique CDR3
13 unique J



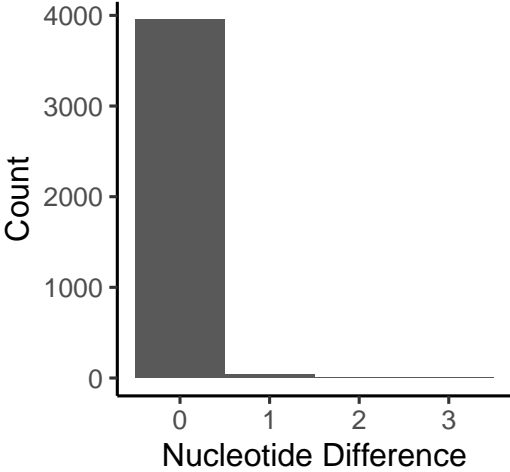
TRBV10-1*ap01

2131 sequences assigned
2116 (99.3%) exact matches, in which:
2076 unique CDR3
13 unique J



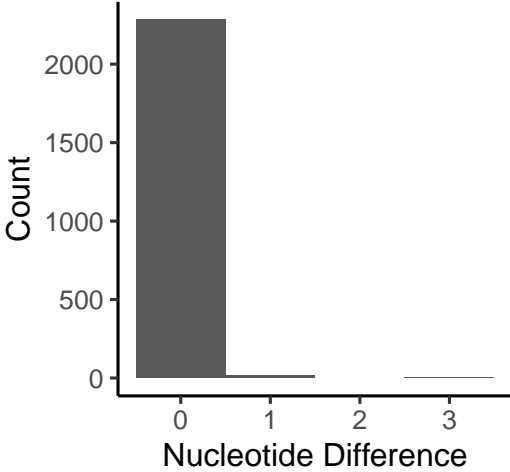
TRBV10-3*ap01

3994 sequences assigned
3952 (98.9%) exact matches, in which:
3883 unique CDR3
14 unique J



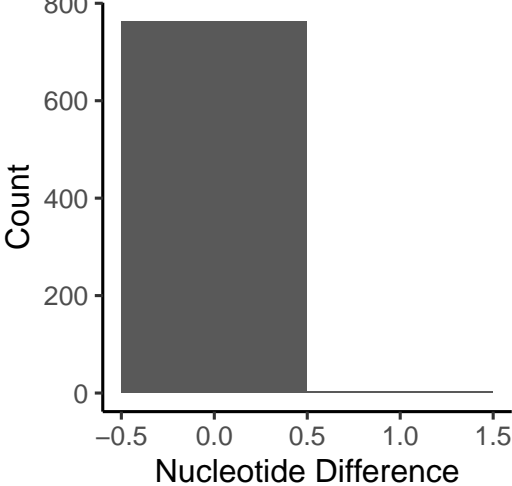
TRBV14*ap01

2298 sequences assigned
2283 (99.3%) exact matches, in which:
2252 unique CDR3
13 unique J



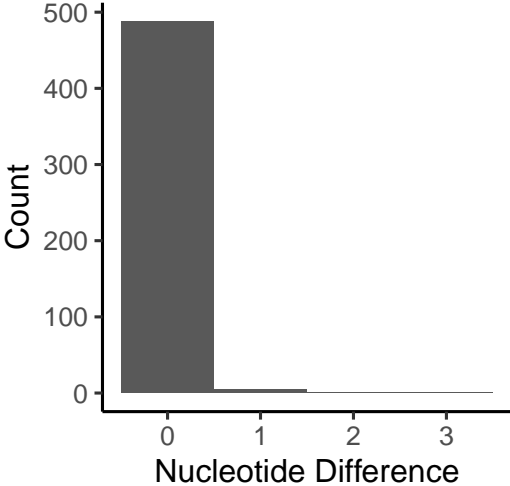
TRBV20-1*ap02

767 sequences assigned
763 (99.5%) exact matches, in which:
757 unique CDR3
13 unique J



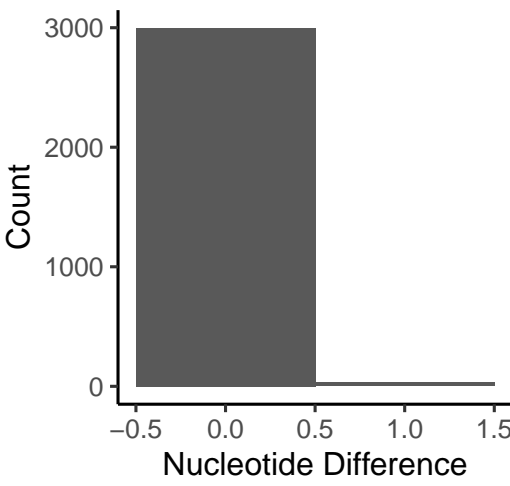
TRBV1*ap01

495 sequences assigned
488 (98.6%) exact matches, in which:
474 unique CDR3
13 unique J



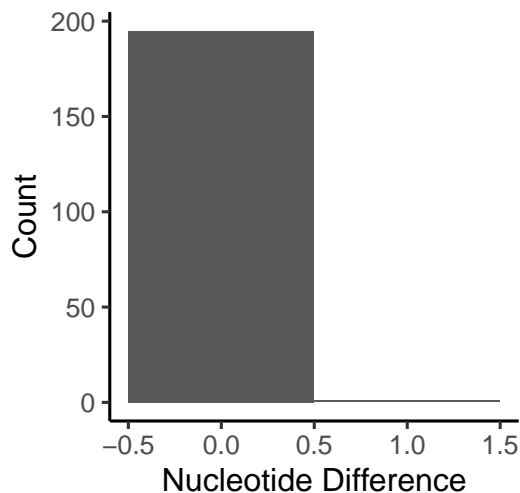
TRBV15*ap02

3028 sequences assigned
2997 (99%) exact matches, in which:
2936 unique CDR3
13 unique J



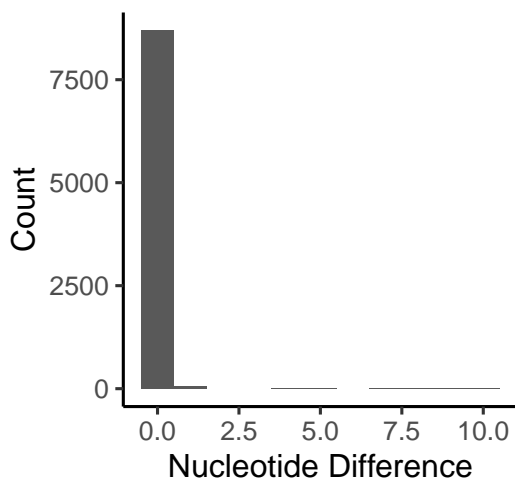
TRBV16*ap01

196 sequences assigned
195 (99.5%) exact matches, in which:
193 unique CDR3
13 unique J



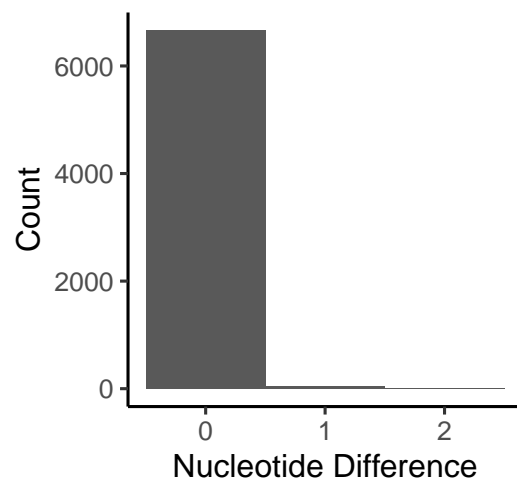
TRBV19*ap01

8774 sequences assigned
8696 (99.1%) exact matches, in which:
8639 unique CDR3
13 unique J



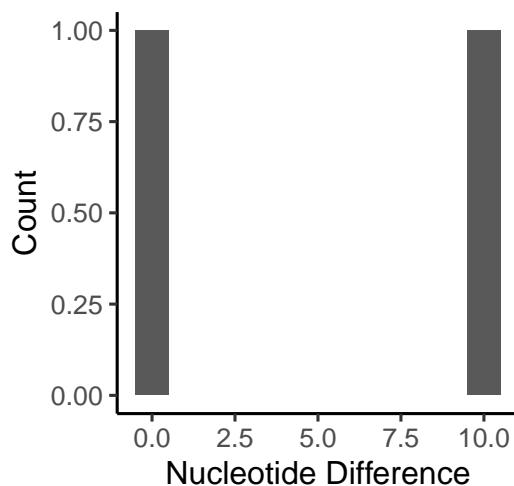
TRBV28*ap01

6718 sequences assigned
6661 (99.2%) exact matches, in which:
6587 unique CDR3
13 unique J



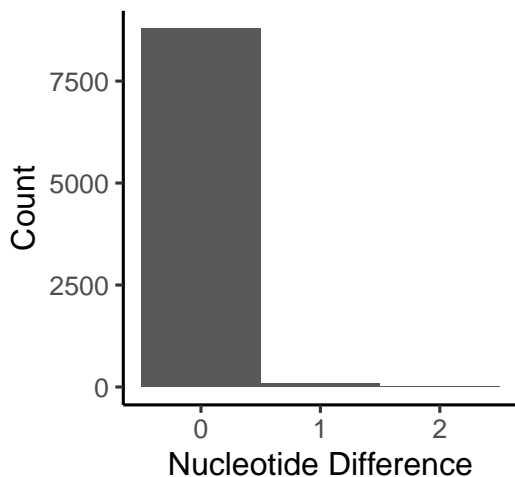
TRBV17*ap01

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



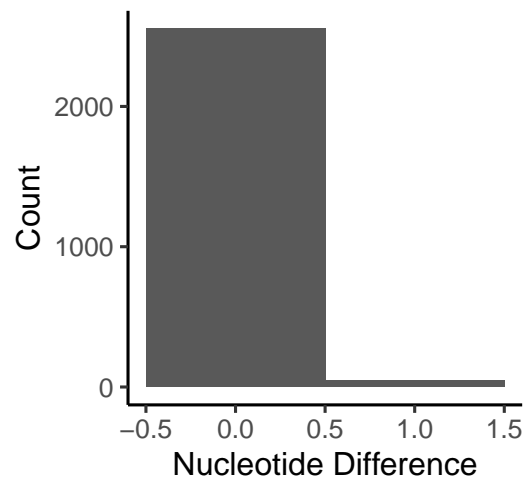
TRBV2*ap01

8867 sequences assigned
8784 (99.1%) exact matches, in which:
8623 unique CDR3
13 unique J



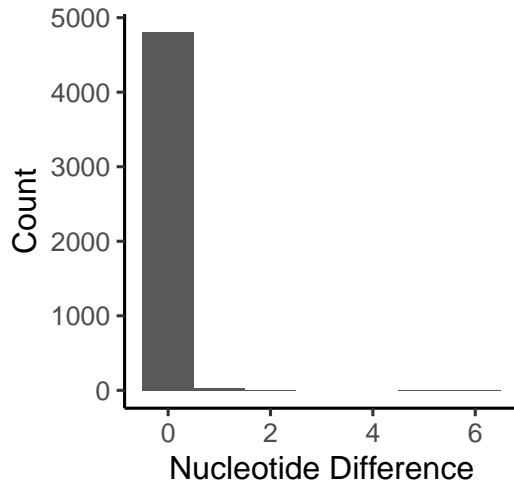
TRBV30*ap01

2598 sequences assigned
2554 (98.3%) exact matches, in which:
2465 unique CDR3
13 unique J



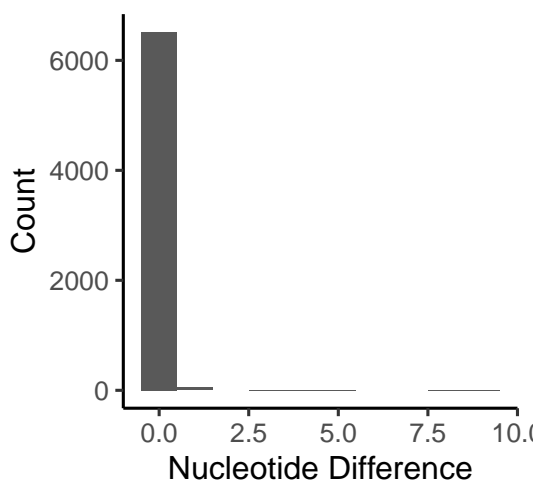
TRBV18*ap01

4844 sequences assigned
4807 (99.2%) exact matches, in which:
4758 unique CDR3
13 unique J



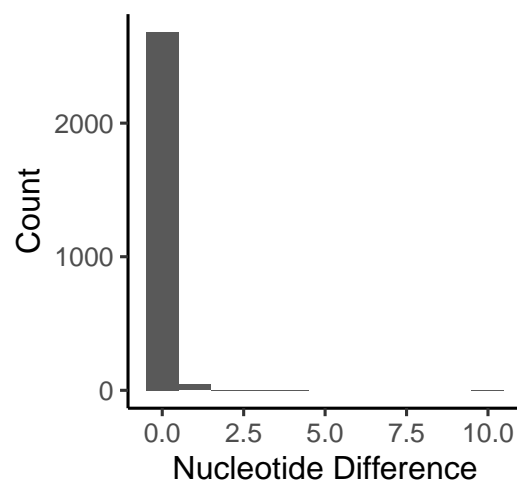
TRBV27*ap01

6573 sequences assigned
6515 (99.1%) exact matches, in which:
6403 unique CDR3
13 unique J



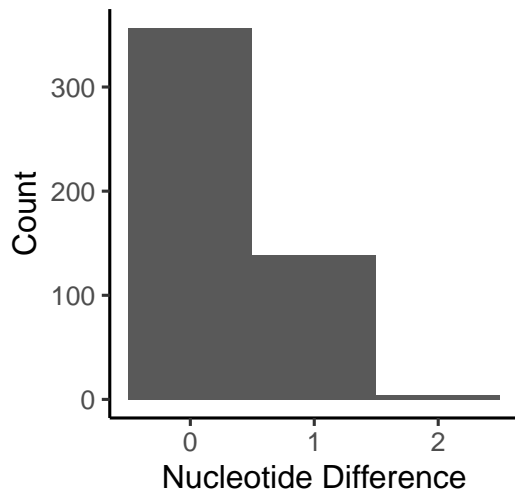
TRBV30*ap02

2731 sequences assigned
2682 (98.2%) exact matches, in which:
2598 unique CDR3
13 unique J



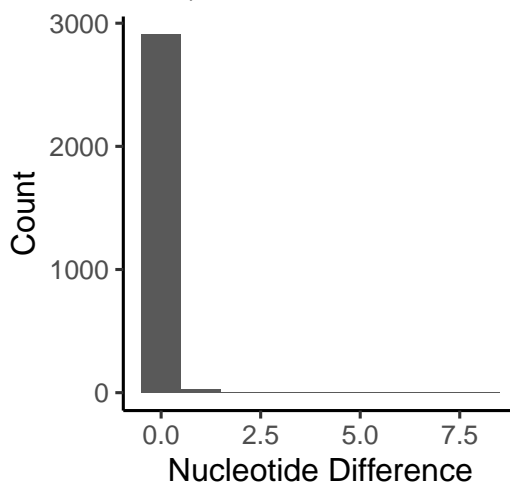
TRBV30*ap03

500 sequences assigned
357 (71.4%) exact matches, in which:
337 unique CDR3
13 unique J



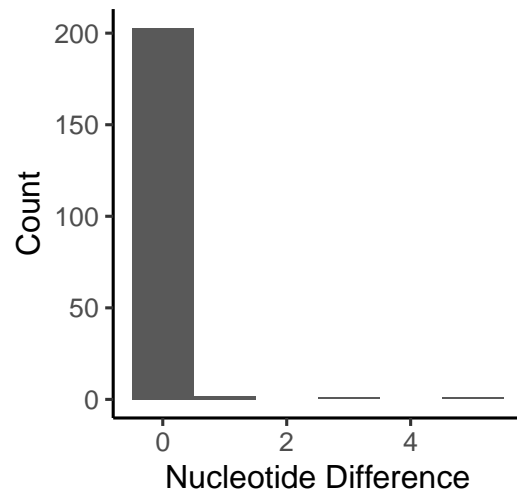
TRBV21-1*ap01

2946 sequences assigned
2909 (98.7%) exact matches, in which:
2882 unique CDR3
13 unique J



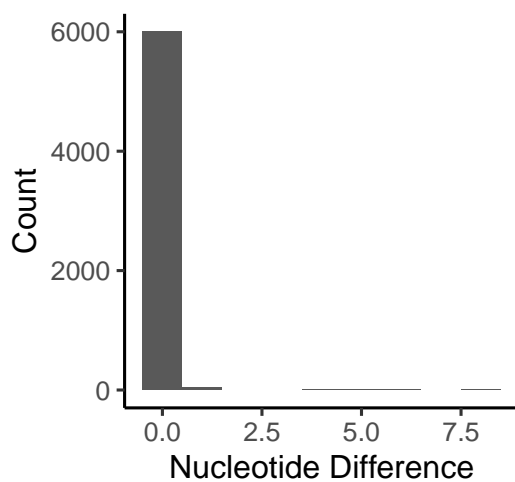
TRBV12-1*ap01

207 sequences assigned
203 (98.1%) exact matches, in which:
202 unique CDR3
13 unique J



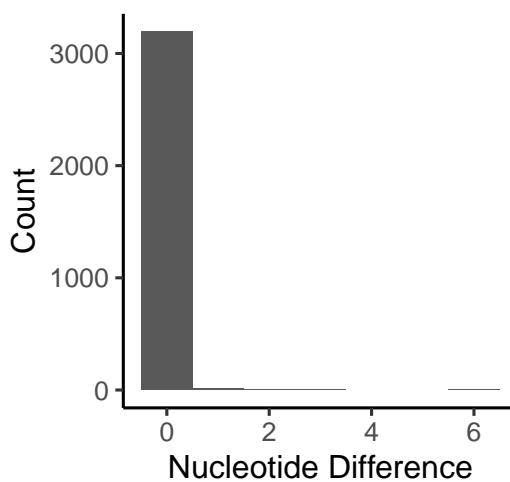
TRBV9*ap01

6048 sequences assigned
6001 (99.2%) exact matches, in which:
5942 unique CDR3
13 unique J



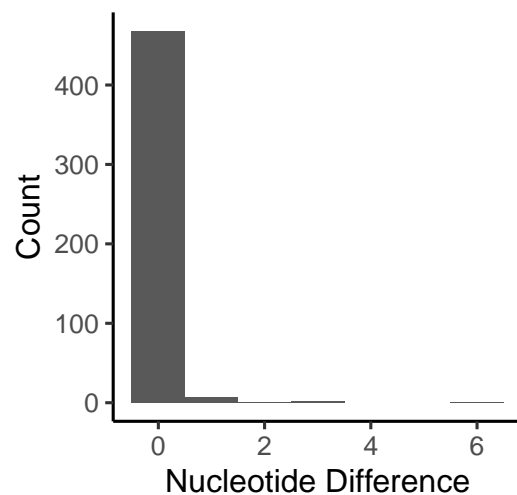
TRBV11-2*ap01

3215 sequences assigned
3194 (99.3%) exact matches, in which:
3172 unique CDR3
13 unique J



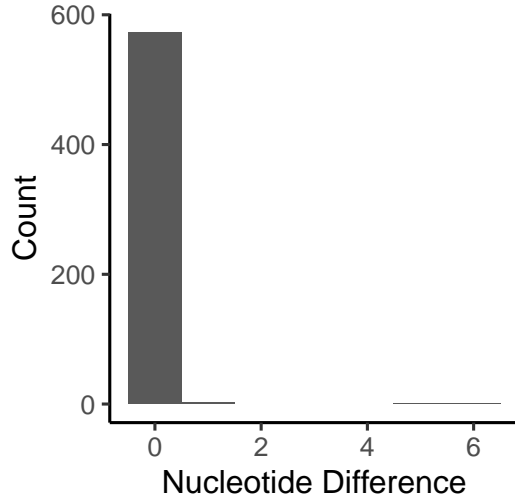
TRBV12-2*ap01

479 sequences assigned
468 (97.7%) exact matches, in which:
462 unique CDR3
13 unique J



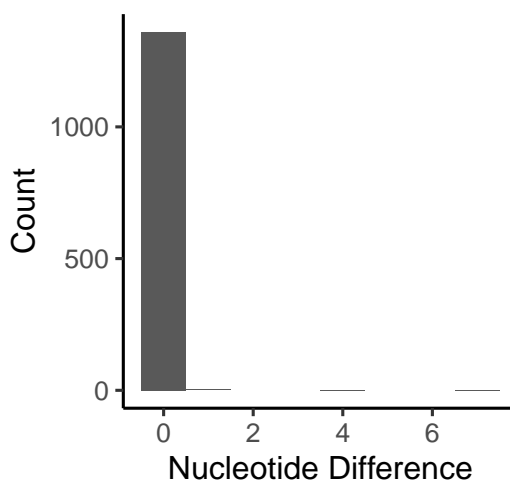
TRBV11-1*ap01

578 sequences assigned
573 (99.1%) exact matches, in which:
569 unique CDR3
13 unique J



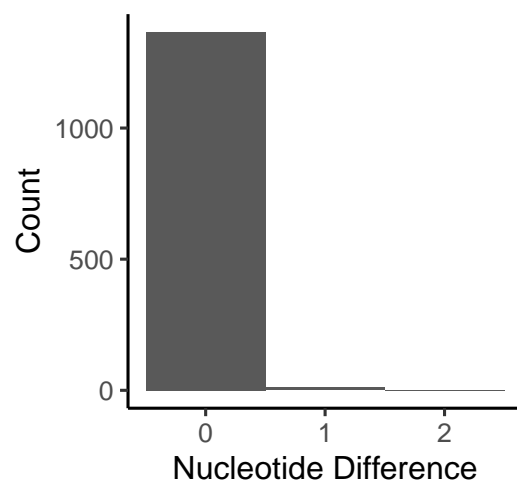
TRBV11-3*ap01

1365 sequences assigned
1360 (99.6%) exact matches, in which:
1351 unique CDR3
13 unique J



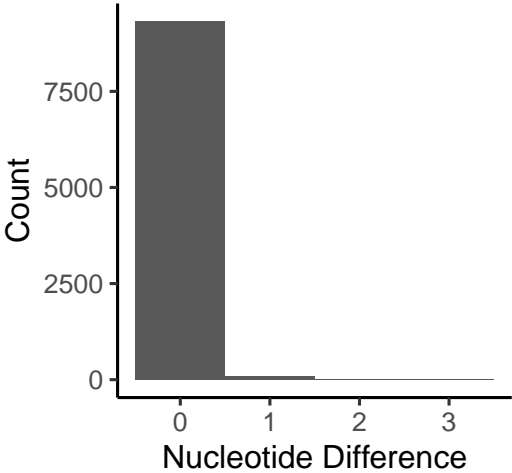
TRBV12-5*ap01

1378 sequences assigned
1366 (99.1%) exact matches, in which:
1341 unique CDR3
13 unique J



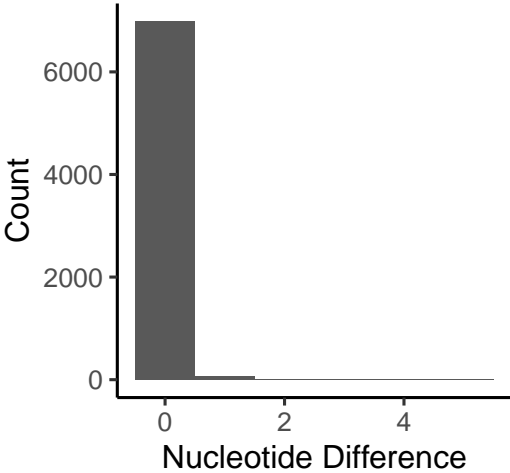
TRBV12-34*ap01

9406 sequences assigned
9320 (99.1%) exact matches, in which:
9162 unique CDR3
13 unique J



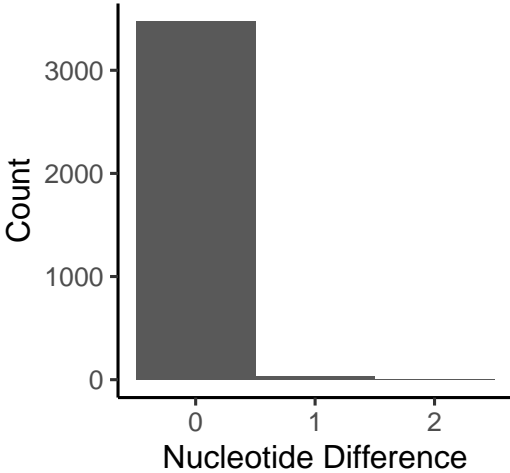
TRBV4-1*ap01

7055 sequences assigned
6984 (99%) exact matches, in which:
6839 unique CDR3
13 unique J



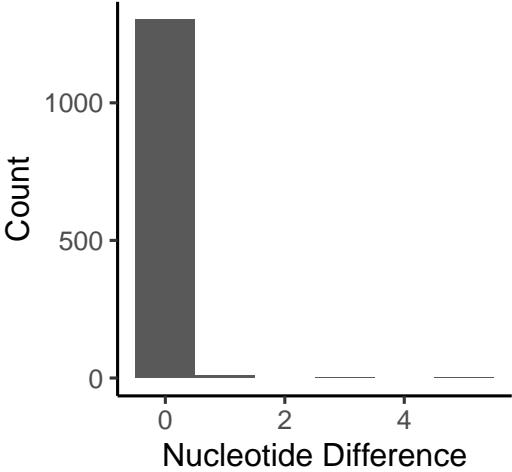
TRBV4-3*ap01

3514 sequences assigned
3474 (98.9%) exact matches, in which:
3414 unique CDR3
13 unique J



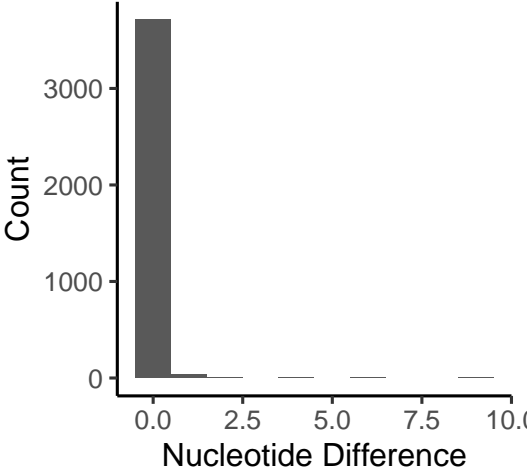
TRBV23-1*ap01

1314 sequences assigned
1302 (99.1%) exact matches, in which:
1285 unique CDR3
13 unique J



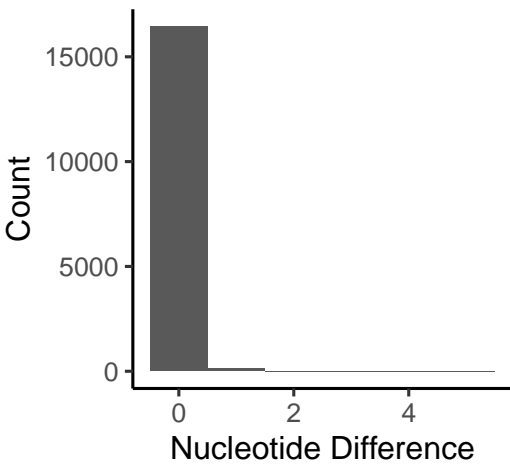
TRBV24-1*ap01

3754 sequences assigned
3712 (98.9%) exact matches, in which:
3631 unique CDR3
13 unique J



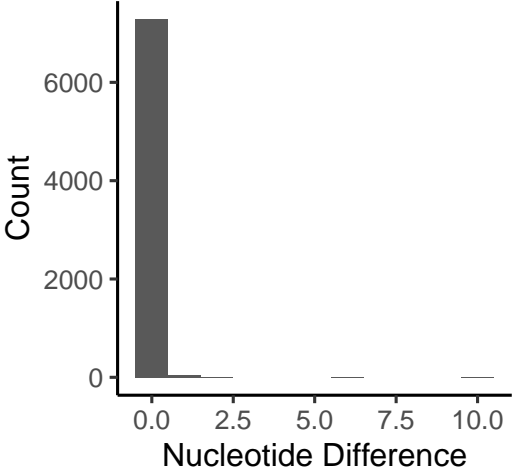
TRBV5-1*ap01

16588 sequences assigned
16446 (99.1%) exact matches, in which:
16113 unique CDR3
13 unique J



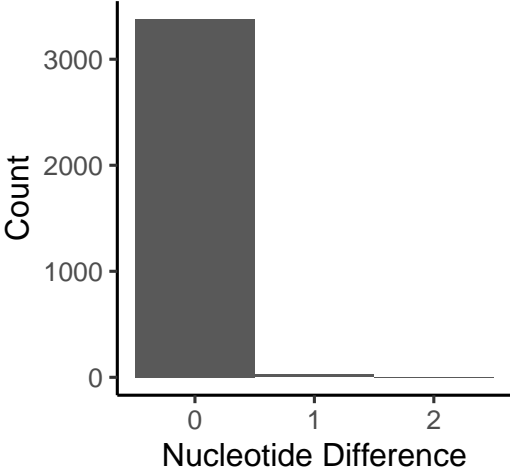
TRBV3-12*ap01

7341 sequences assigned
7288 (99.3%) exact matches, in which:
7201 unique CDR3
13 unique J



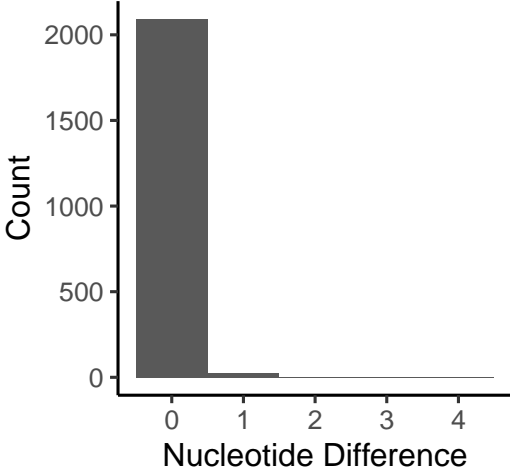
TRBV4-2*ap01

3407 sequences assigned
3379 (99.2%) exact matches, in which:
3322 unique CDR3
13 unique J



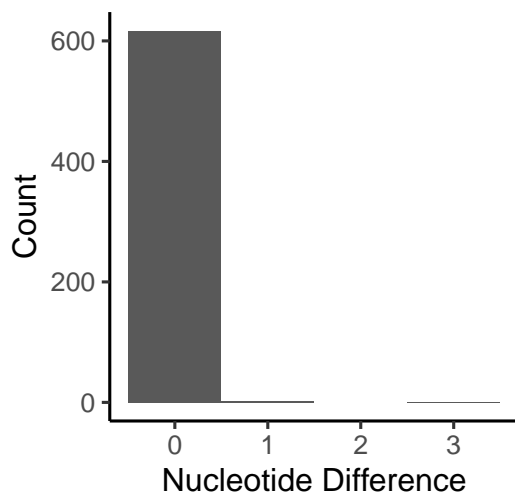
TRBV25-1*ap01

2119 sequences assigned
2092 (98.7%) exact matches, in which:
2031 unique CDR3
13 unique J



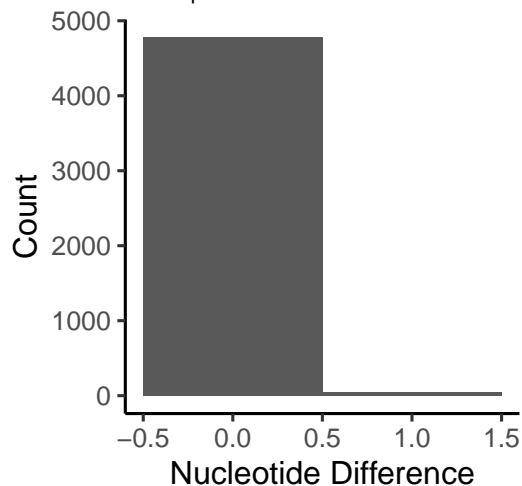
TRBV5-3*ap01

620 sequences assigned
617 (99.5%) exact matches, in which:
611 unique CDR3
13 unique J



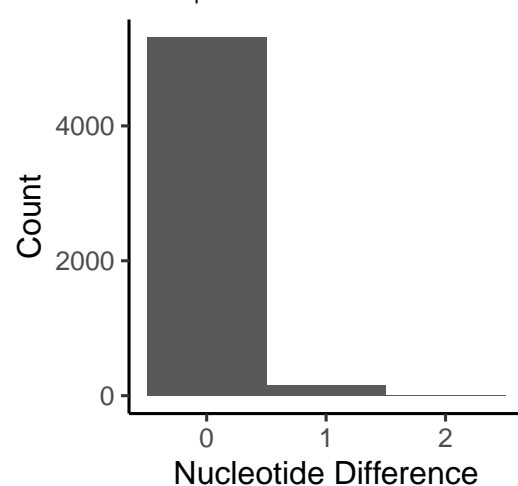
TRBV5-6*ap01

4829 sequences assigned
4778 (98.9%) exact matches, in which:
4649 unique CDR3
13 unique J



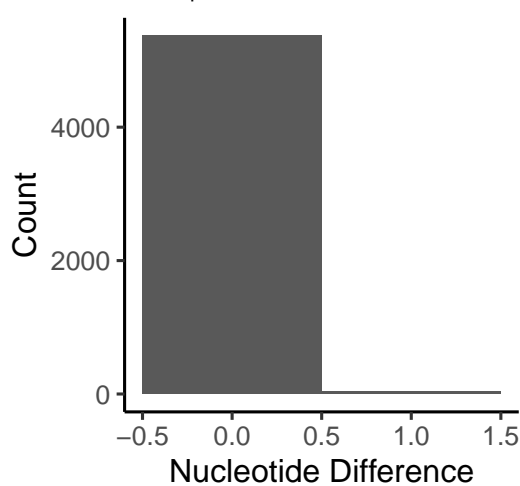
TRBV6-1*ap01

5476 sequences assigned
5312 (97%) exact matches, in which:
5200 unique CDR3
13 unique J



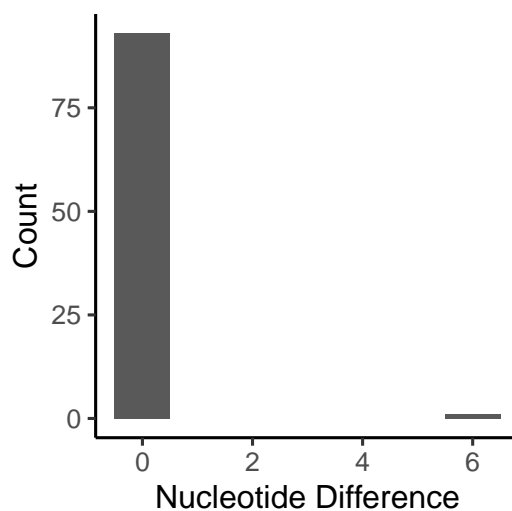
TRBV5-4*ap01

5415 sequences assigned
5371 (99.2%) exact matches, in which:
5271 unique CDR3
13 unique J



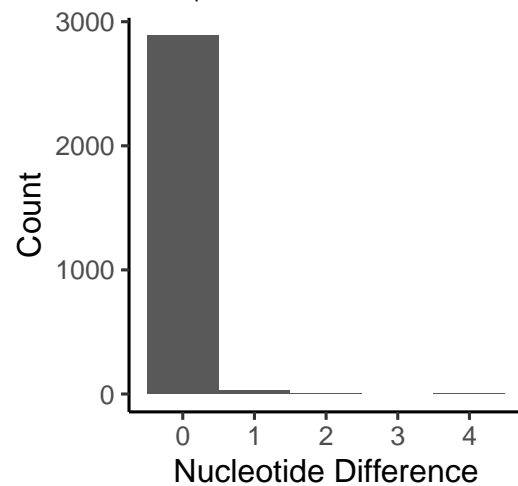
TRBV5-7*ap01

94 sequences assigned
93 (98.9%) exact matches, in which:
90 unique CDR3
13 unique J



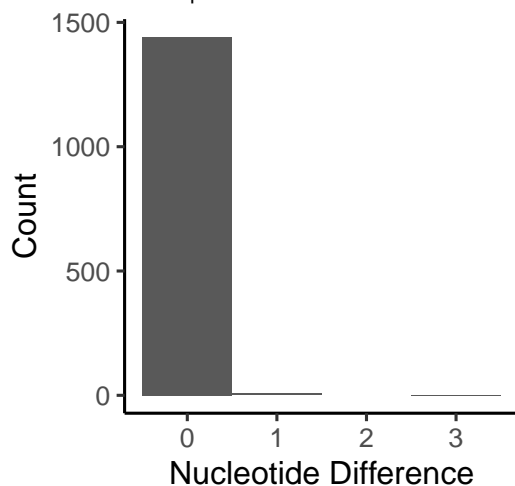
TRBV6-4*ap01

2923 sequences assigned
2887 (98.8%) exact matches, in which:
2844 unique CDR3
13 unique J



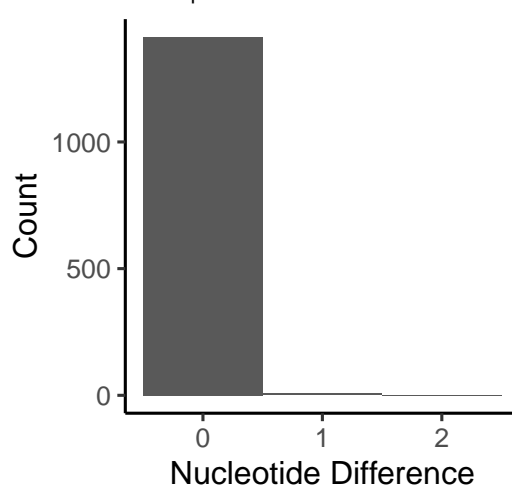
TRBV5-5*ap01

1450 sequences assigned
1441 (99.4%) exact matches, in which:
1425 unique CDR3
13 unique J



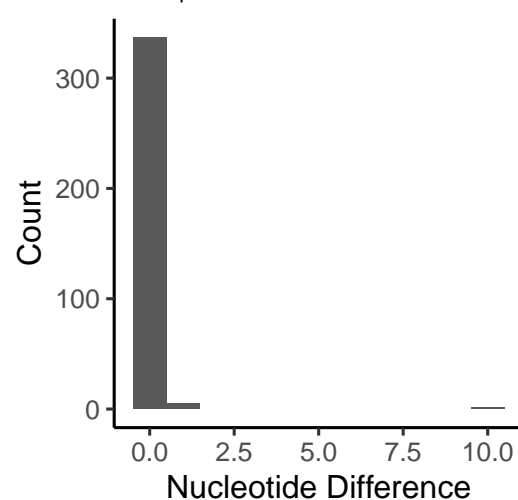
TRBV5-8*ap01

1423 sequences assigned
1414 (99.4%) exact matches, in which:
1389 unique CDR3
13 unique J



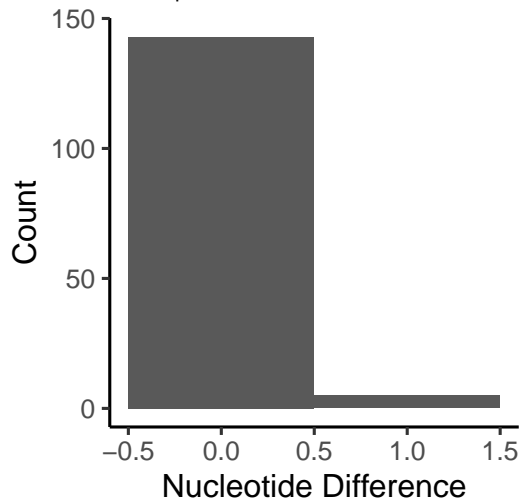
TRBV6-7*ap01

343 sequences assigned
337 (98.3%) exact matches, in which:
326 unique CDR3
13 unique J



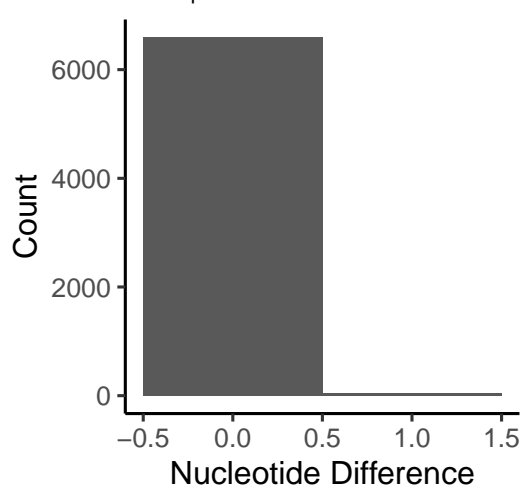
TRBV6–8*ap01

148 sequences assigned
143 (96.6%) exact matches, in which:
140 unique CDR3
13 unique J



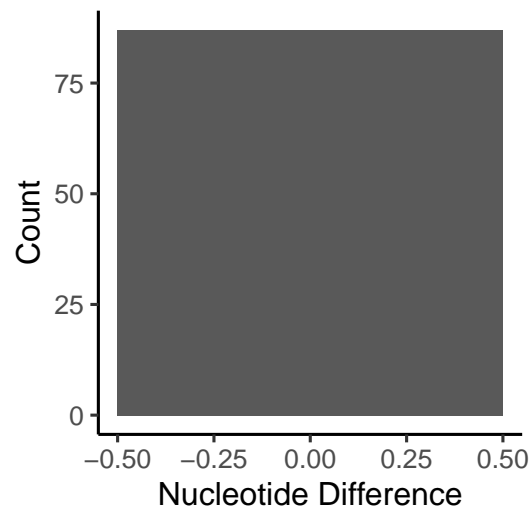
TRBV6–56*ap01

6647 sequences assigned
6593 (99.2%) exact matches, in which:
6406 unique CDR3
13 unique J



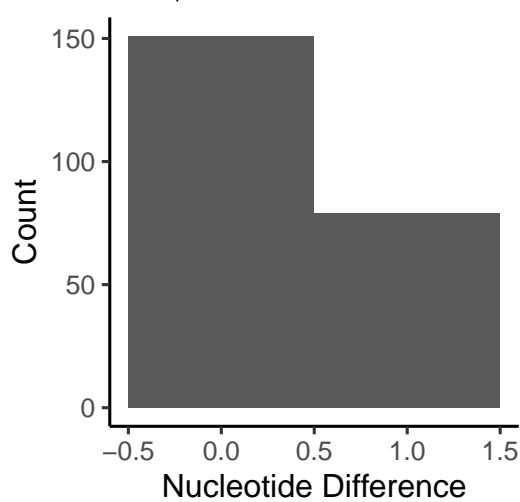
TRBV7–1*ap01_G291C_T

87 sequences assigned
87 (100%) exact matches, in which:
86 unique CDR3
13 unique J



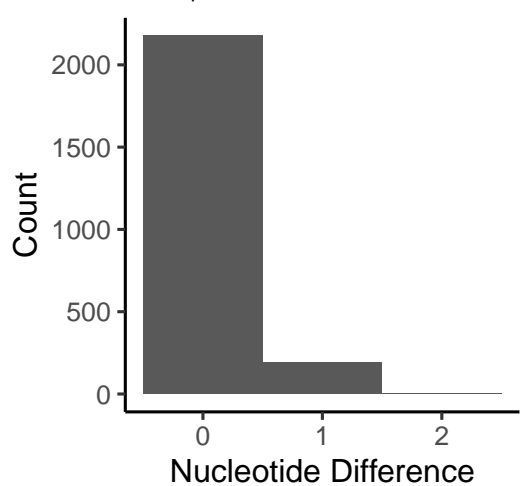
TRBV6–9*ap01

230 sequences assigned
151 (65.7%) exact matches, in which:
145 unique CDR3
13 unique J



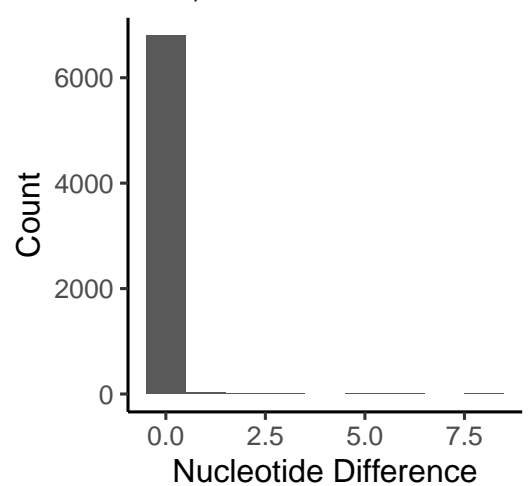
TRBV6–56*ap02

2375 sequences assigned
2177 (91.7%) exact matches, in which:
2115 unique CDR3
13 unique J



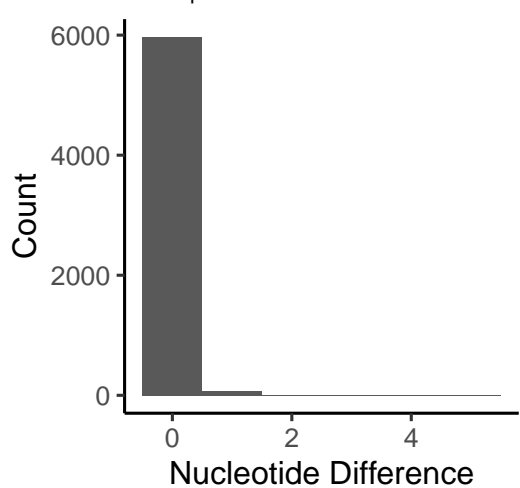
TRBV7–2*ap01

6839 sequences assigned
6797 (99.4%) exact matches, in which:
6695 unique CDR3
13 unique J



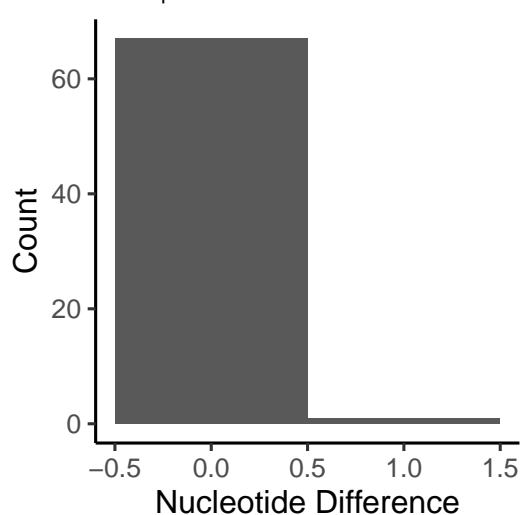
TRBV6–23*ap01

6046 sequences assigned
5968 (98.7%) exact matches, in which:
5787 unique CDR3
13 unique J



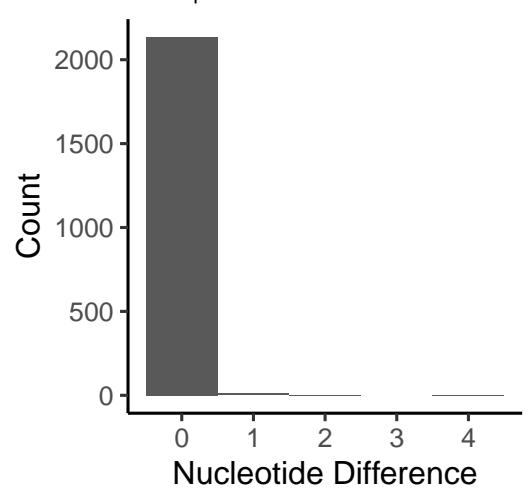
TRBV7–1*ap01_G291C_T

68 sequences assigned
67 (98.5%) exact matches, in which:
66 unique CDR3
12 unique J



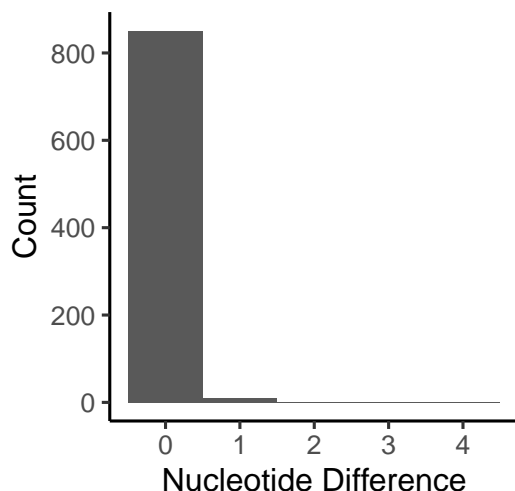
TRBV7–3*ap01

2149 sequences assigned
2135 (99.3%) exact matches, in which:
2124 unique CDR3
13 unique J



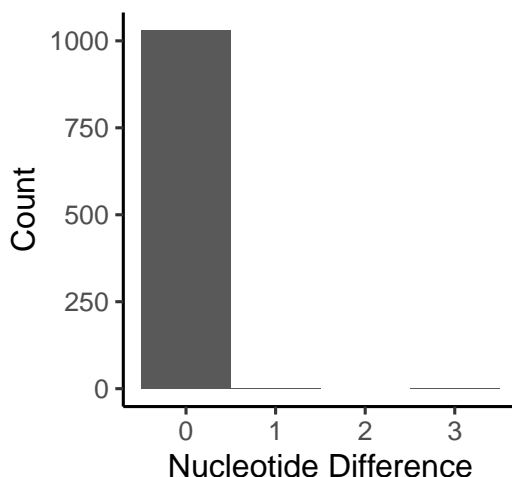
TRBV7-3*ap03

865 sequences assigned
851 (98.4%) exact matches, in which:
841 unique CDR3
13 unique J



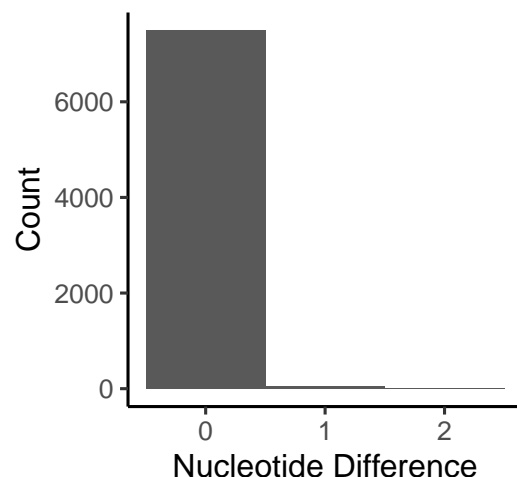
TRBV7-7*ap01_C315T

1033 sequences assigned
1030 (99.7%) exact matches, in which:
1008 unique CDR3
13 unique J



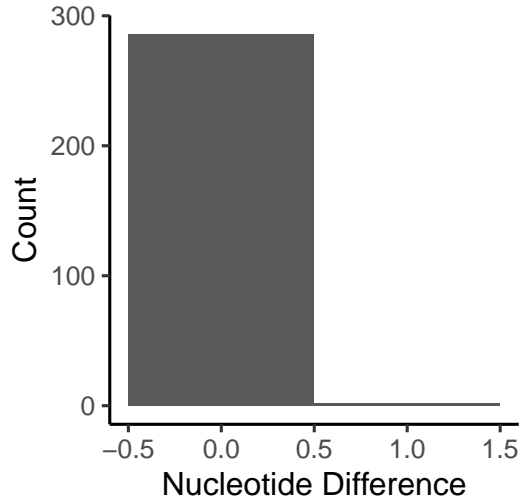
TRBV7-9*ap01

7546 sequences assigned
7493 (99.3%) exact matches, in which:
7391 unique CDR3
13 unique J



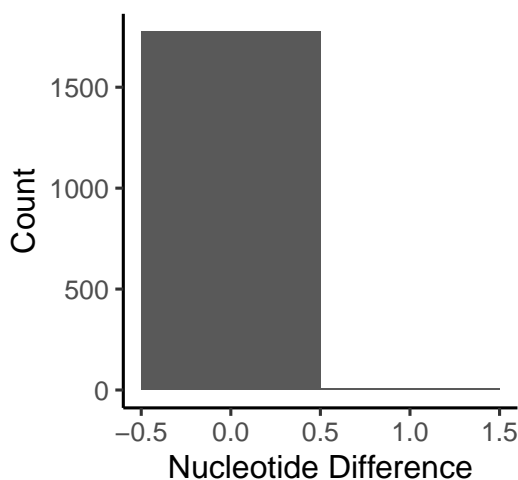
TRBV7-4*ap01

288 sequences assigned
286 (99.3%) exact matches, in which:
278 unique CDR3
13 unique J



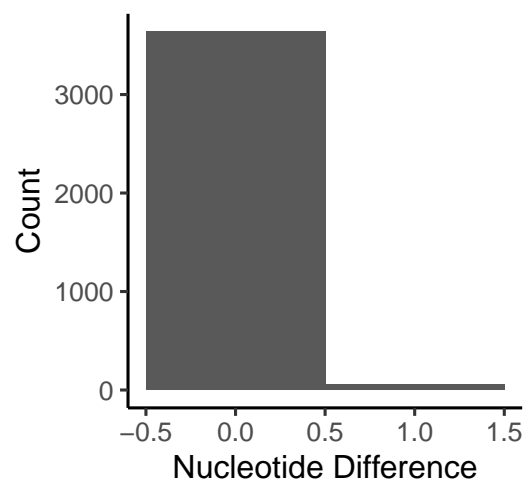
TRBV7-8*ap01

1782 sequences assigned
1775 (99.6%) exact matches, in which:
1738 unique CDR3
13 unique J



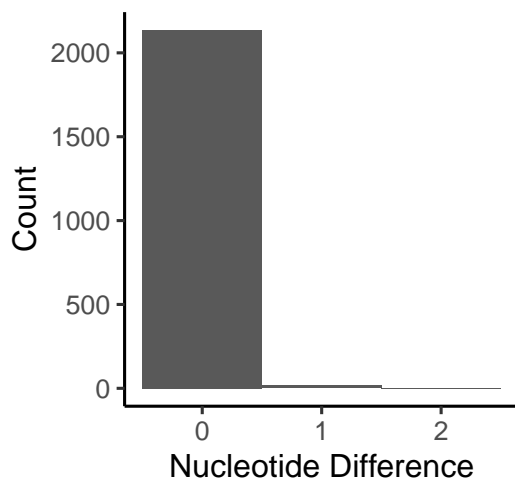
TRBV29-1*ap01

3697 sequences assigned
3638 (98.4%) exact matches, in which:
3484 unique CDR3
13 unique J



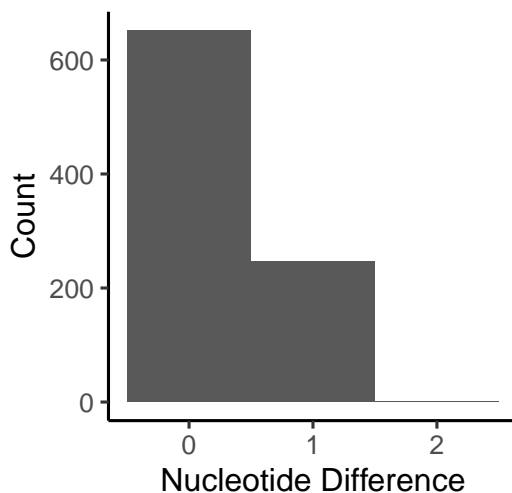
TRBV7-6*ap01

2154 sequences assigned
2136 (99.2%) exact matches, in which:
2099 unique CDR3
13 unique J



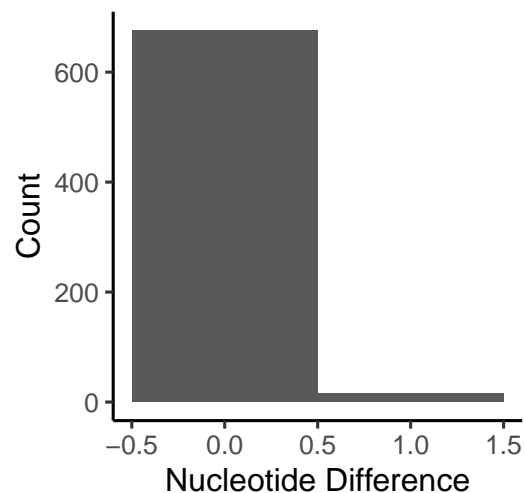
TRBV7-8*ap03

899 sequences assigned
652 (72.5%) exact matches, in which:
637 unique CDR3
13 unique J

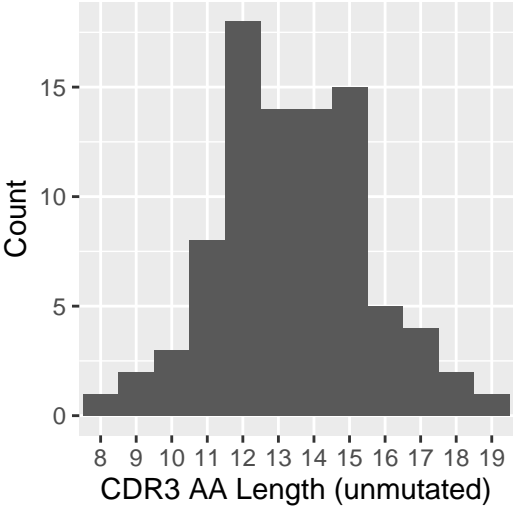


TRBV29-1*ap02

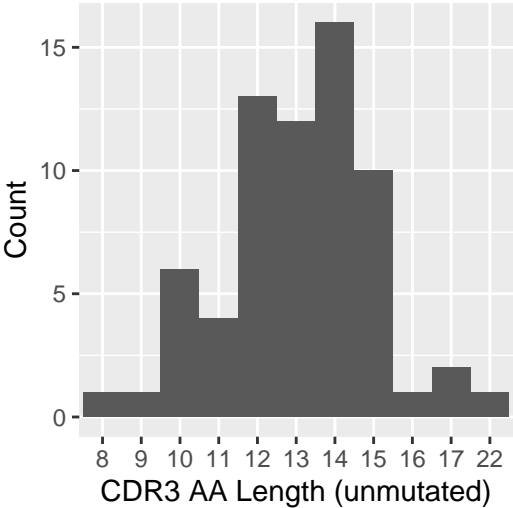
691 sequences assigned
676 (97.8%) exact matches, in which:
649 unique CDR3
13 unique J



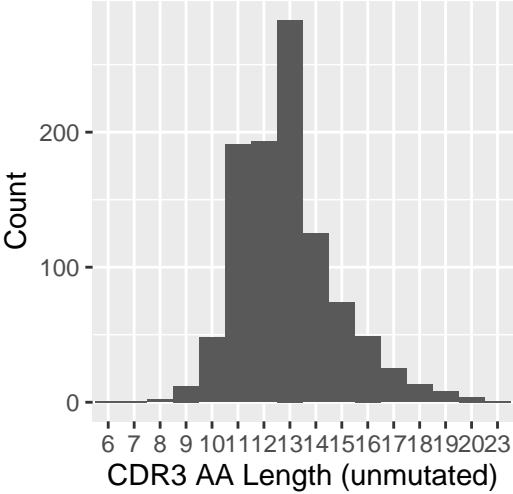
TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.