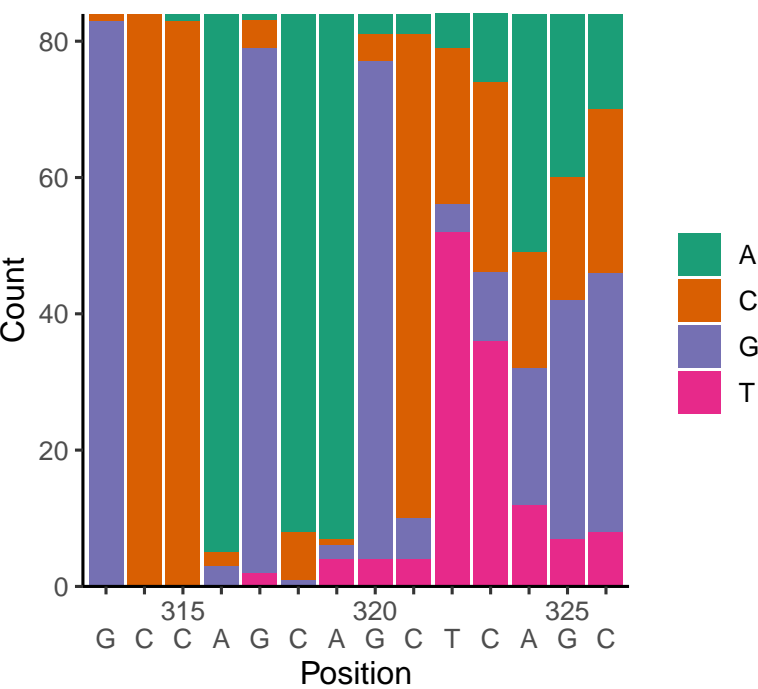
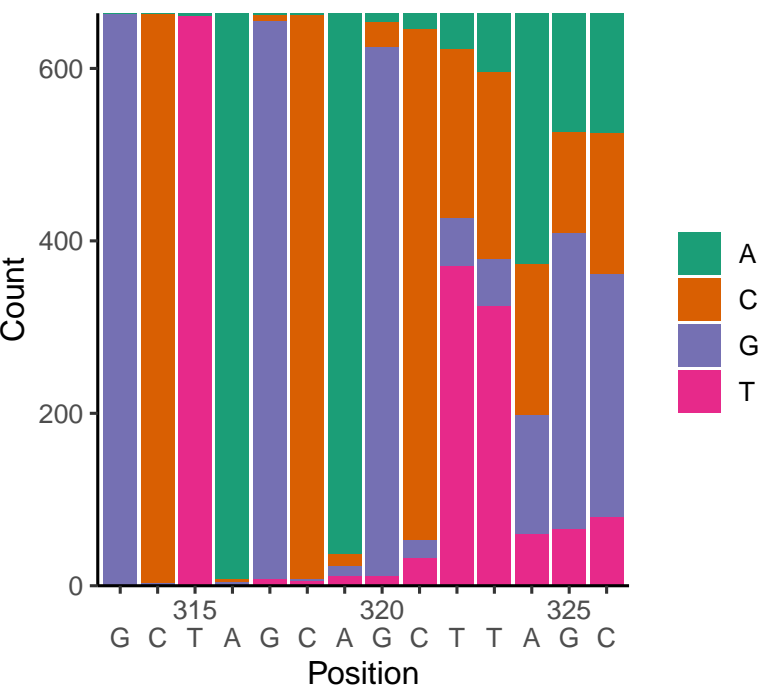


Gene TRBV7-1*ap01_G291C_T296C



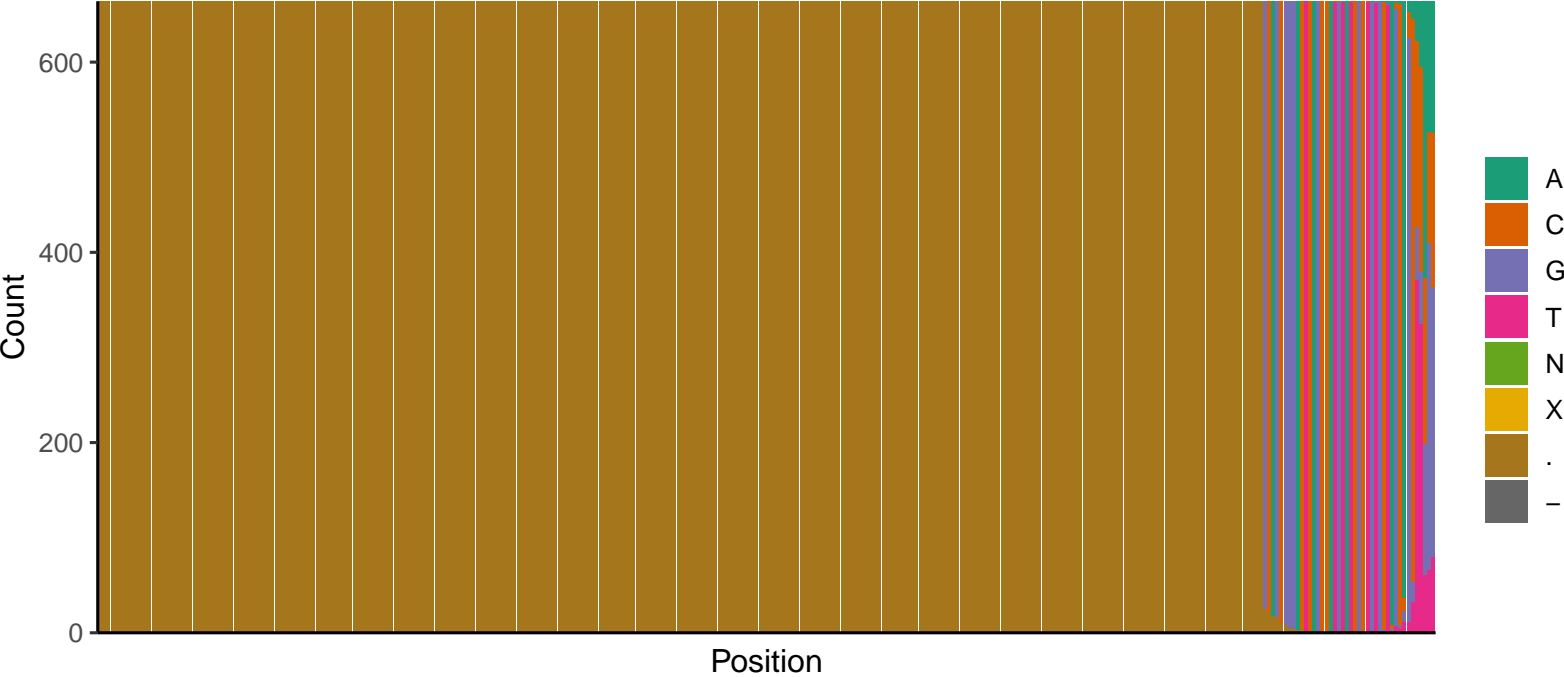
Gene TRBV7-7*ap01_C315T



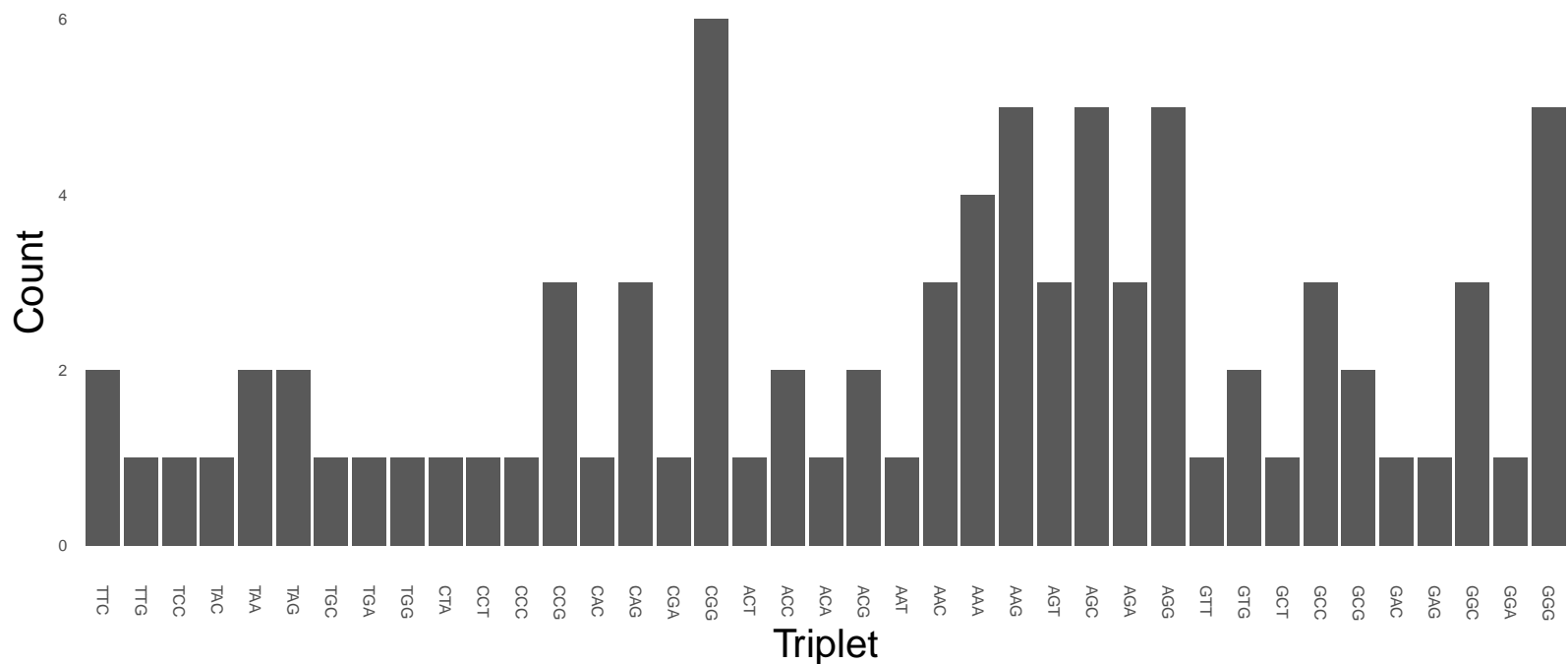
Gene TRBV7-1*ap01_G291C_T296C



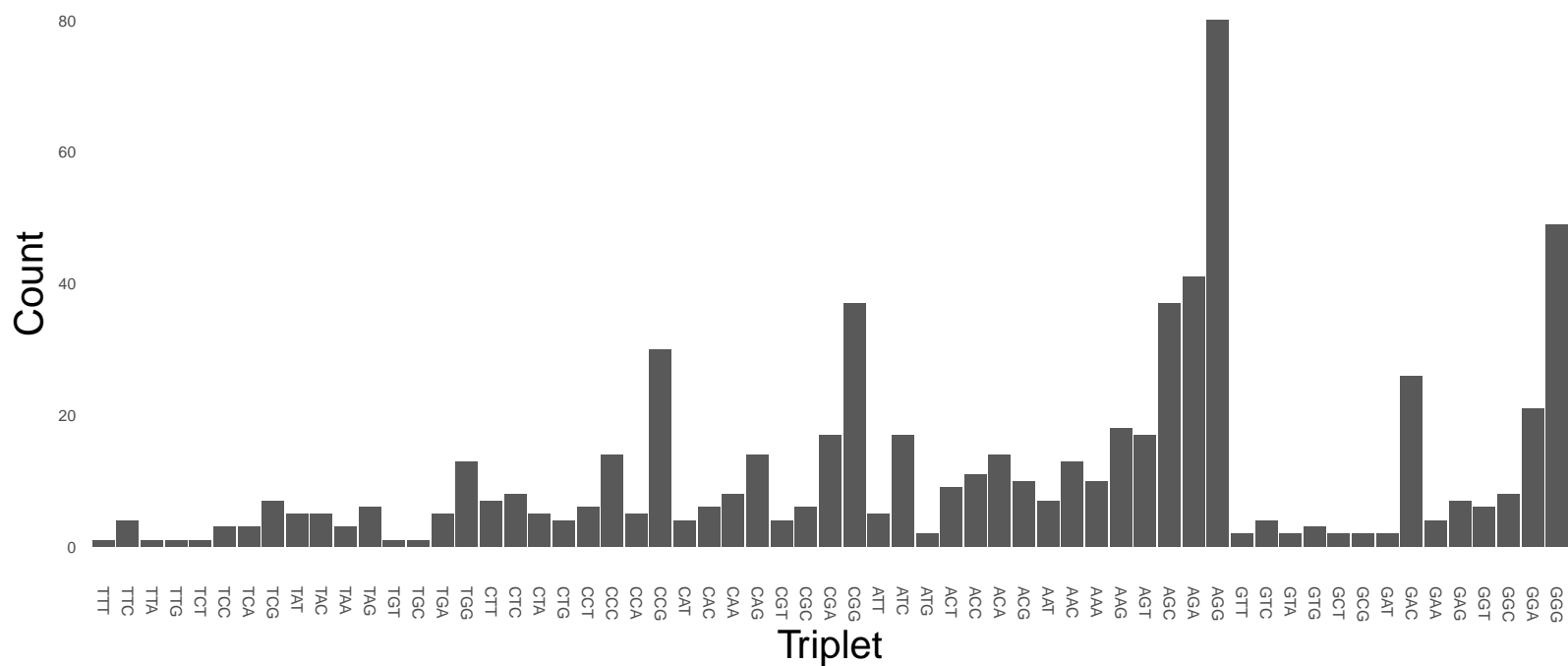
Gene TRBV7-7*ap01_C315T



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

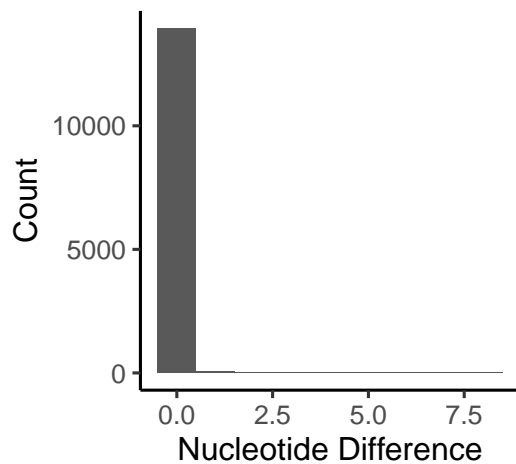


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



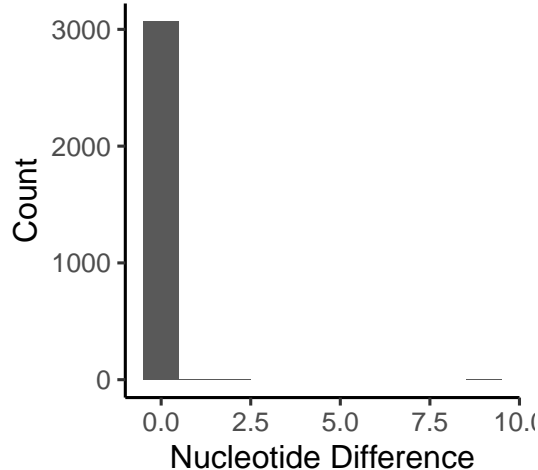
TRBV20-1*ap01

14016 sequences assigned
13952 (99.5%) exact matches, in which:
13928 unique CDR3
13 unique J



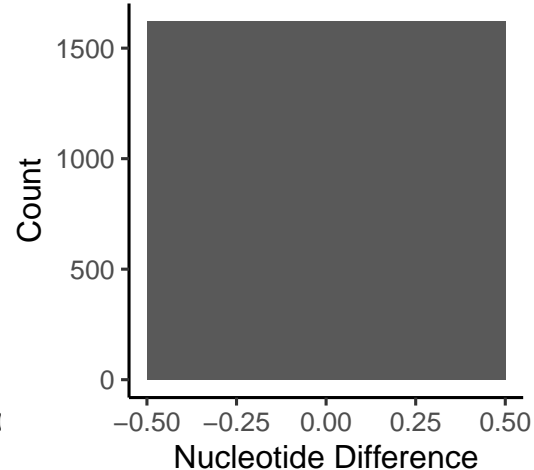
TRBV10-3*ap01

3077 sequences assigned
3068 (99.7%) exact matches, in which:
3067 unique CDR3
13 unique J



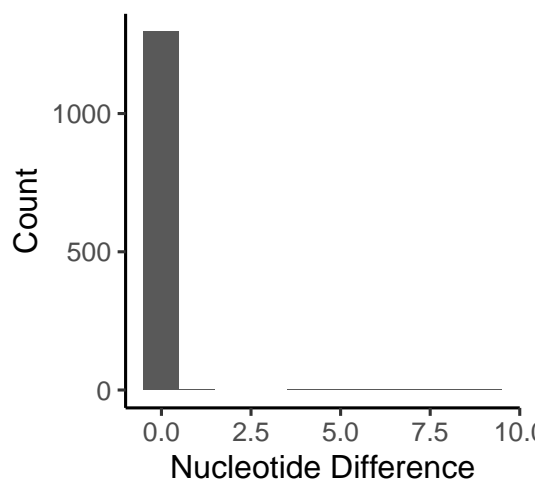
TRBV14*ap01

1621 sequences assigned
1621 (100%) exact matches, in which:
1621 unique CDR3
14 unique J



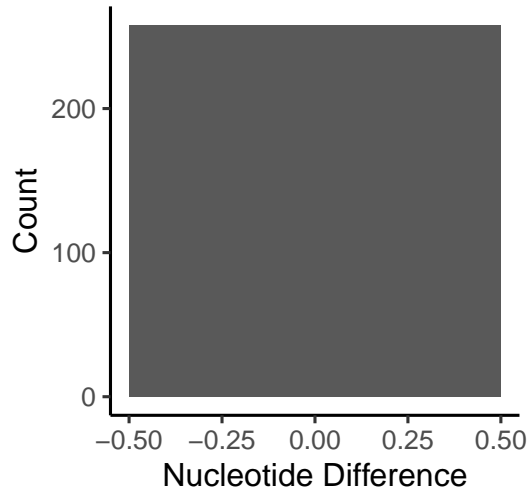
TRBV10-1*ap01

1304 sequences assigned
1296 (99.4%) exact matches, in which:
1294 unique CDR3
13 unique J



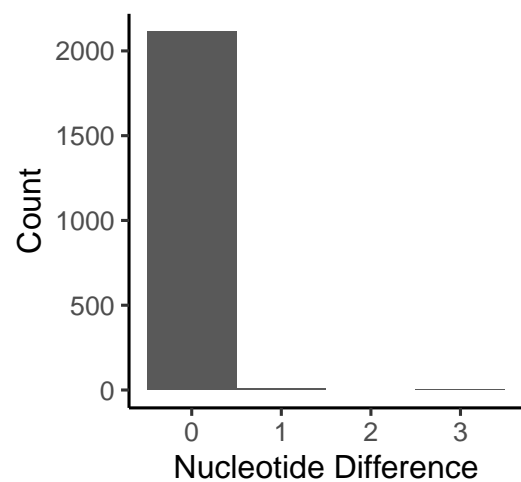
TRBV1*ap01

258 sequences assigned
258 (100%) exact matches, in which:
256 unique CDR3
13 unique J



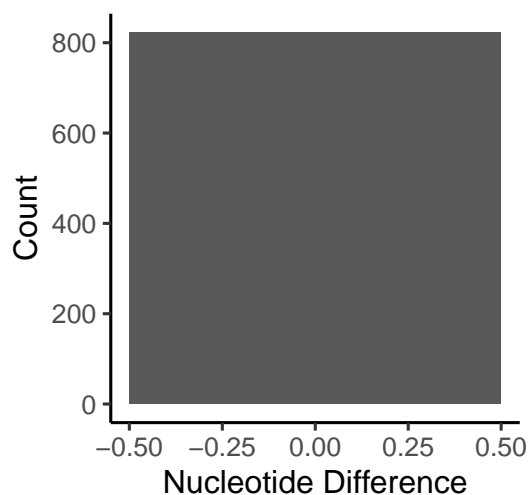
TRBV15*ap02

2120 sequences assigned
2113 (99.7%) exact matches, in which:
2108 unique CDR3
13 unique J



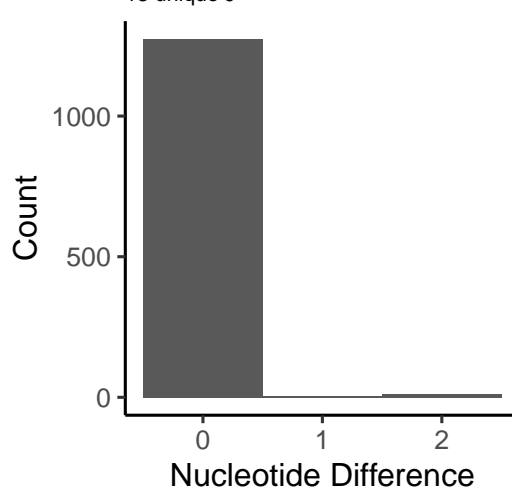
TRBV10-2*ap01

823 sequences assigned
823 (100%) exact matches, in which:
823 unique CDR3
13 unique J



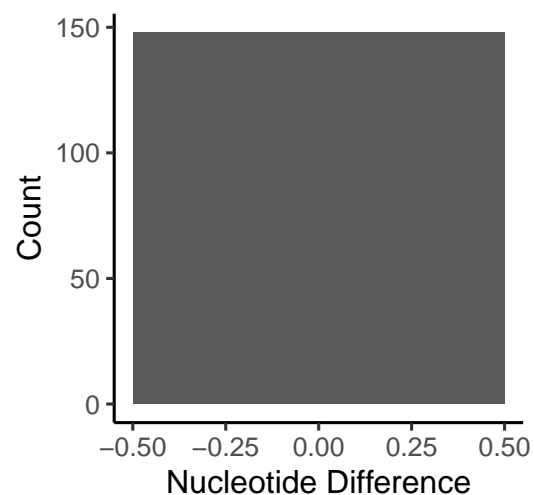
TRBV13*ap01

1290 sequences assigned
1274 (98.8%) exact matches, in which:
1274 unique CDR3
13 unique J



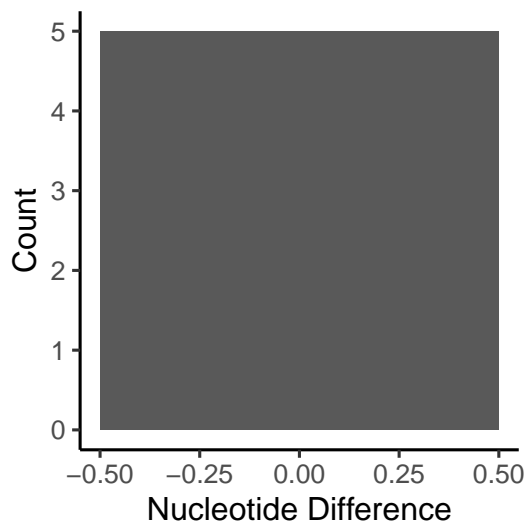
TRBV16*ap01

148 sequences assigned
148 (100%) exact matches, in which:
148 unique CDR3
12 unique J



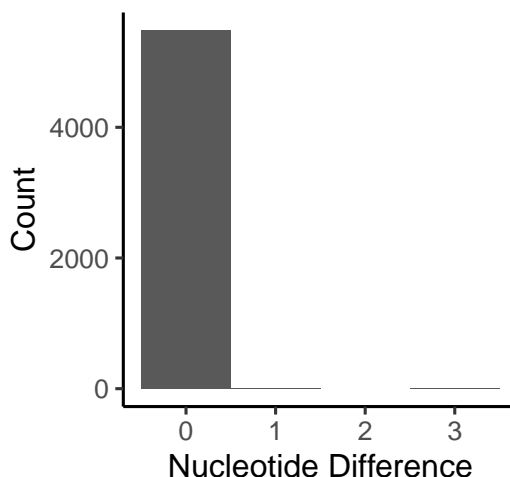
TRBV17*ap01

5 sequences assigned
5 (100%) exact matches, in which:
5 unique CDR3
3 unique J



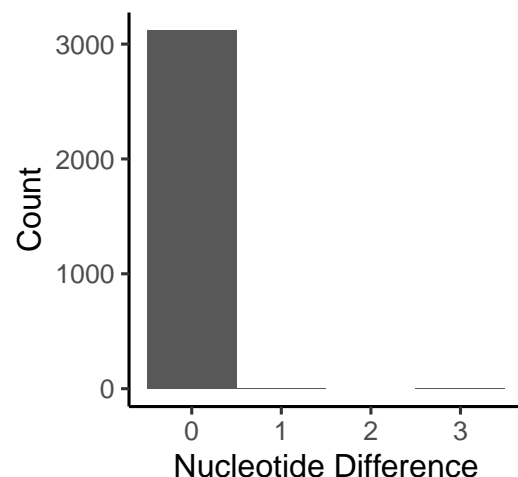
TRBV2*ap01

5497 sequences assigned
5483 (99.7%) exact matches, in which:
5475 unique CDR3
13 unique J



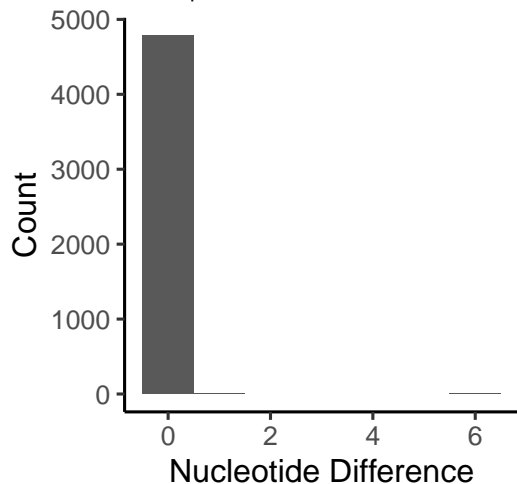
TRBV28*ap01

3123 sequences assigned
3119 (99.9%) exact matches, in which:
3116 unique CDR3
13 unique J



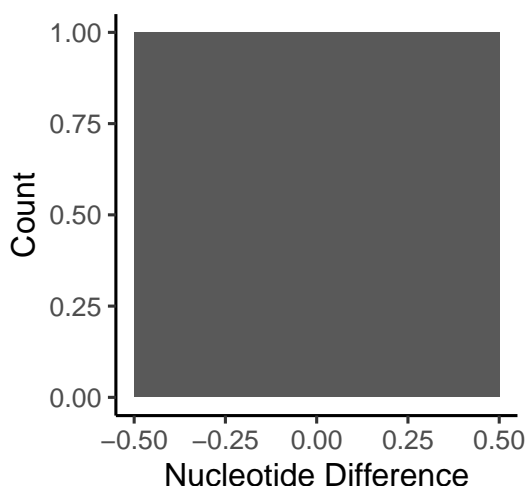
TRBV18*ap01

4789 sequences assigned
4782 (99.9%) exact matches, in which:
4782 unique CDR3
13 unique J



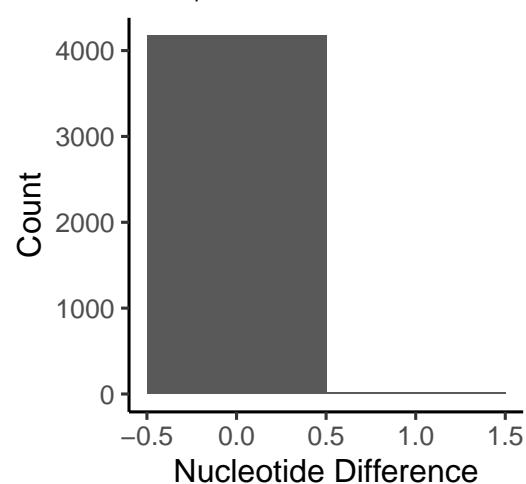
TRBV26*ap01

1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J



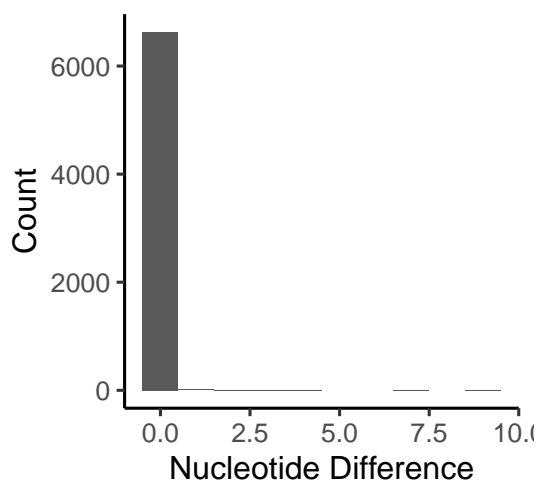
TRBV30*ap01

4194 sequences assigned
4173 (99.5%) exact matches, in which:
4158 unique CDR3
13 unique J



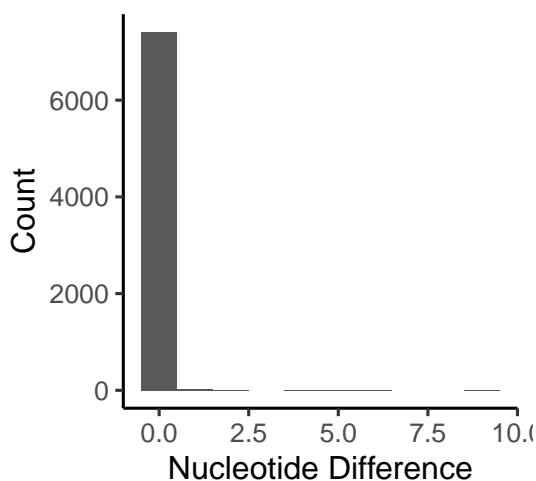
TRBV19*ap01

6652 sequences assigned
6629 (99.7%) exact matches, in which:
6626 unique CDR3
13 unique J



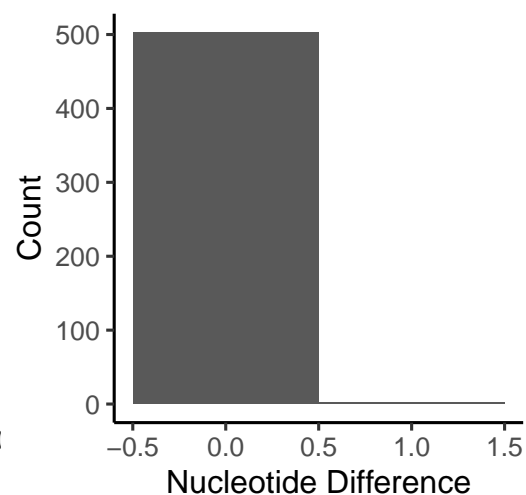
TRBV27*ap01

7435 sequences assigned
7408 (99.6%) exact matches, in which:
7386 unique CDR3
13 unique J



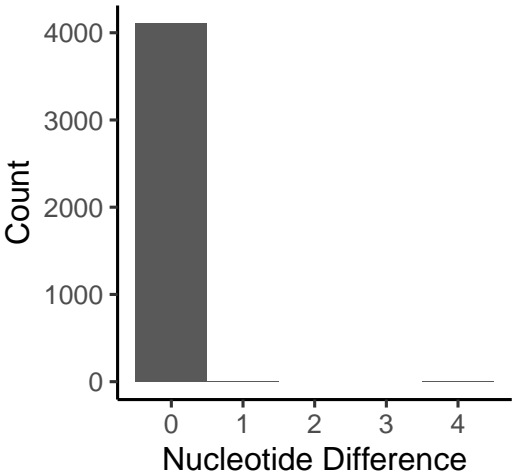
TRBV30*ap03

505 sequences assigned
503 (99.6%) exact matches, in which:
502 unique CDR3
13 unique J



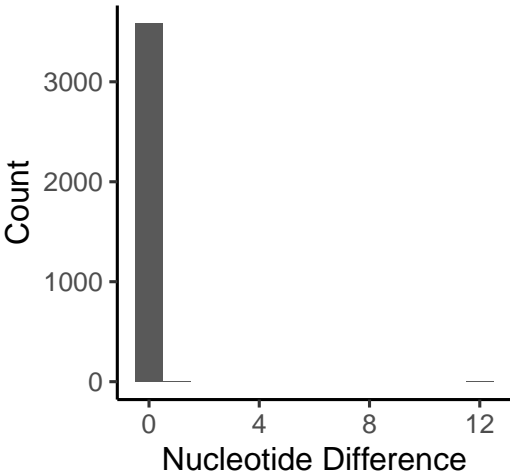
TRBV9*ap01

4114 sequences assigned
4107 (99.8%) exact matches, in which:
4095 unique CDR3
13 unique J



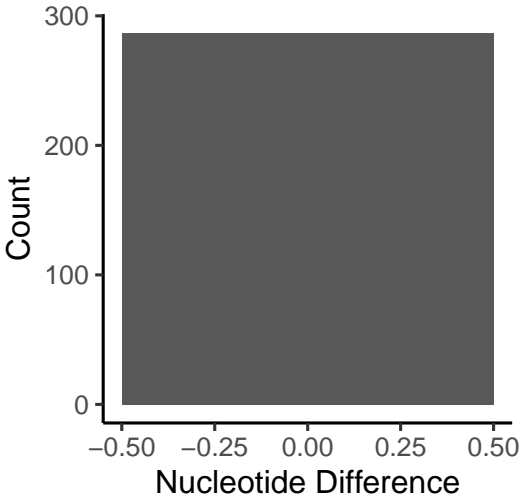
TRBV11-2*ap01

3590 sequences assigned
3584 (99.8%) exact matches, in which:
3579 unique CDR3
13 unique J



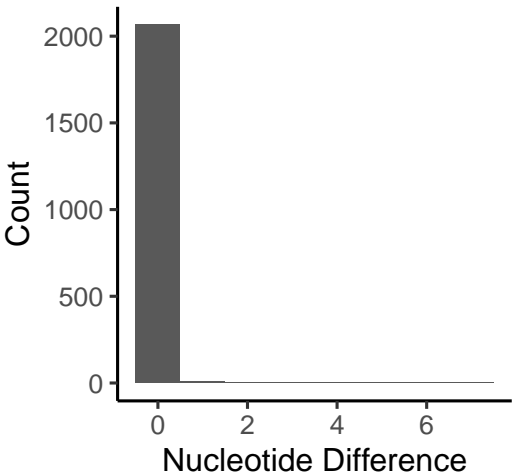
TRBV12-2*ap01

287 sequences assigned
287 (100%) exact matches, in which:
287 unique CDR3
13 unique J



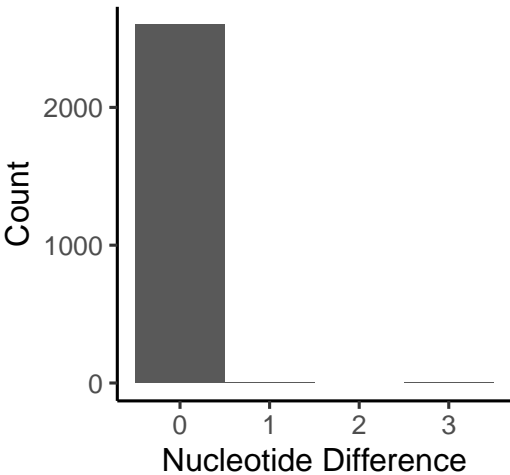
TRBV21-1*ap01

2084 sequences assigned
2066 (99.1%) exact matches, in which:
2065 unique CDR3
14 unique J



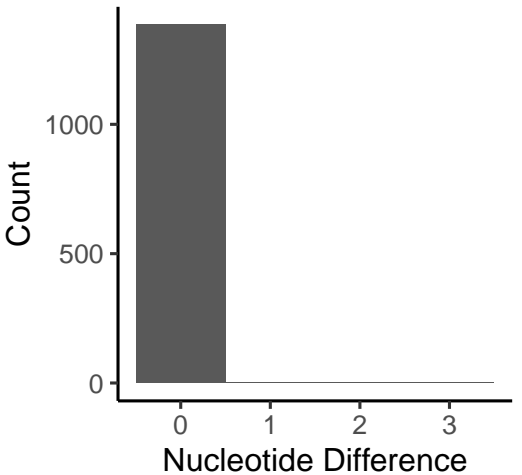
TRBV11-3*ap01

2604 sequences assigned
2600 (99.8%) exact matches, in which:
2597 unique CDR3
13 unique J



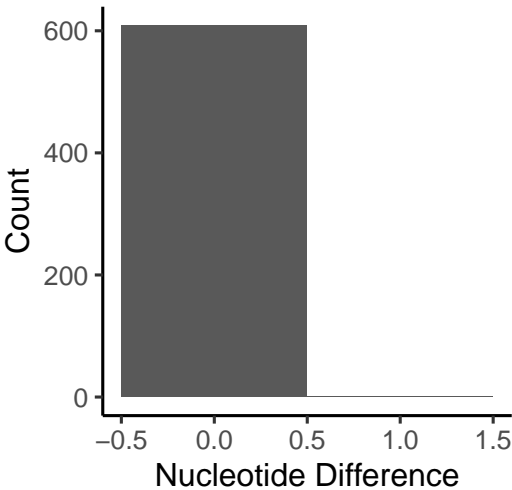
TRBV12-5*ap01

1391 sequences assigned
1385 (99.6%) exact matches, in which:
1384 unique CDR3
13 unique J



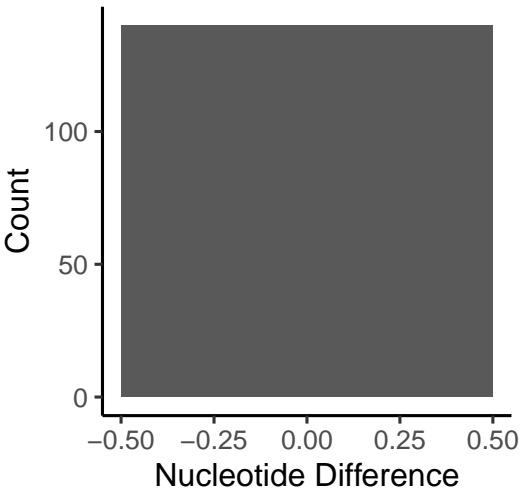
TRBV11-1*ap01

610 sequences assigned
609 (99.8%) exact matches, in which:
607 unique CDR3
13 unique J



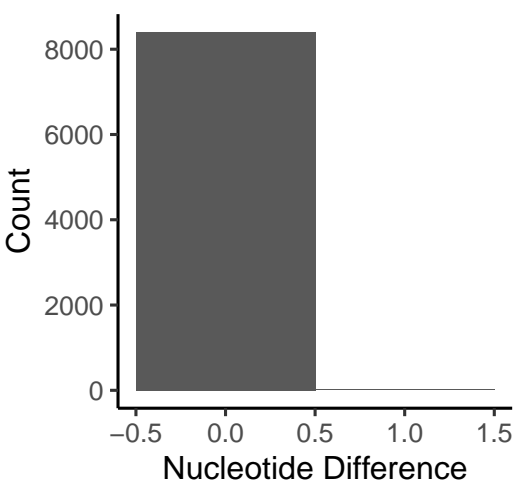
TRBV12-1*ap01

140 sequences assigned
140 (100%) exact matches, in which:
140 unique CDR3
13 unique J



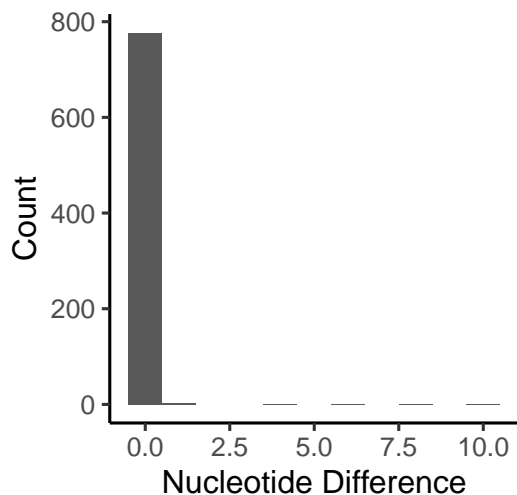
TRBV12-34*ap01

8420 sequences assigned
8403 (99.8%) exact matches, in which:
8398 unique CDR3
13 unique J



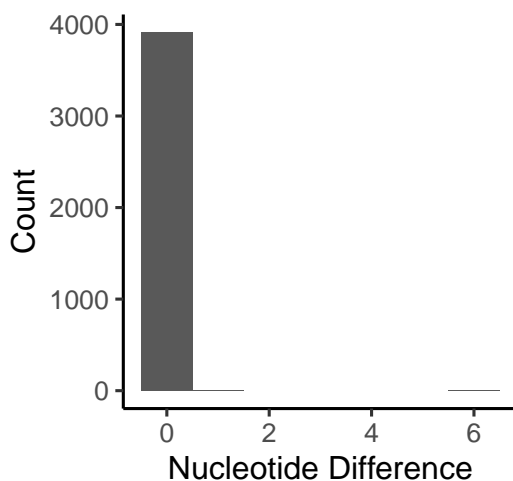
TRBV23–1*ap01

784 sequences assigned
777 (99.1%) exact matches, in which:
777 unique CDR3
13 unique J



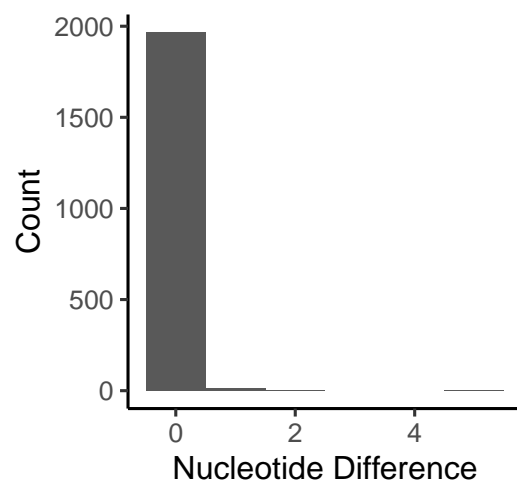
TRBV4–1*ap01

3921 sequences assigned
3913 (99.8%) exact matches, in which:
3907 unique CDR3
13 unique J



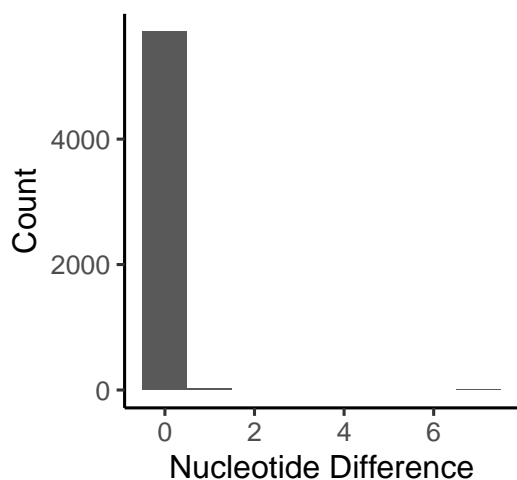
TRBV25–1*ap01

1983 sequences assigned
1966 (99.1%) exact matches, in which:
1961 unique CDR3
13 unique J



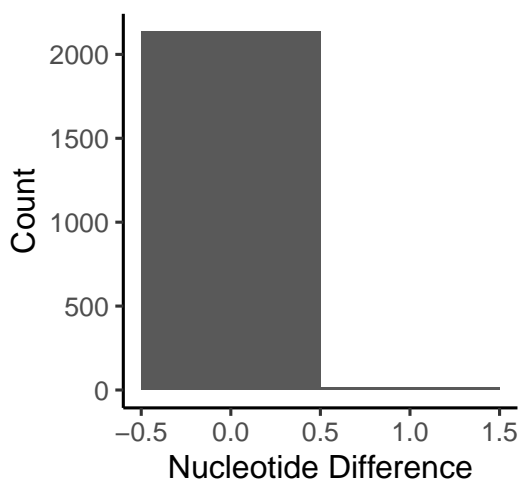
TRBV3–12*ap01

5730 sequences assigned
5712 (99.7%) exact matches, in which:
5702 unique CDR3
13 unique J



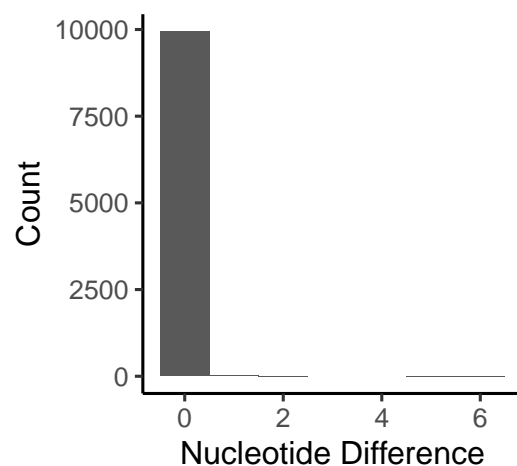
TRBV4–2*ap01

2149 sequences assigned
2135 (99.3%) exact matches, in which:
2133 unique CDR3
13 unique J



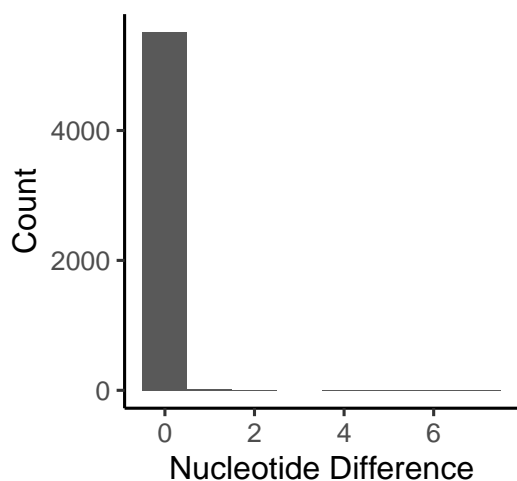
TRBV5–1*ap01

9973 sequences assigned
9943 (99.7%) exact matches, in which:
9913 unique CDR3
13 unique J



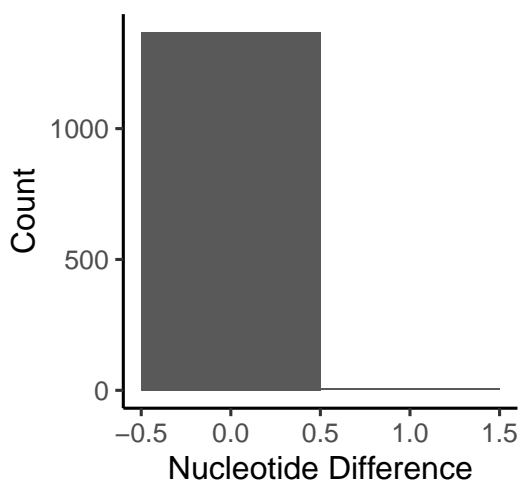
TRBV24–1*ap01

5551 sequences assigned
5516 (99.4%) exact matches, in which:
5501 unique CDR3
13 unique J



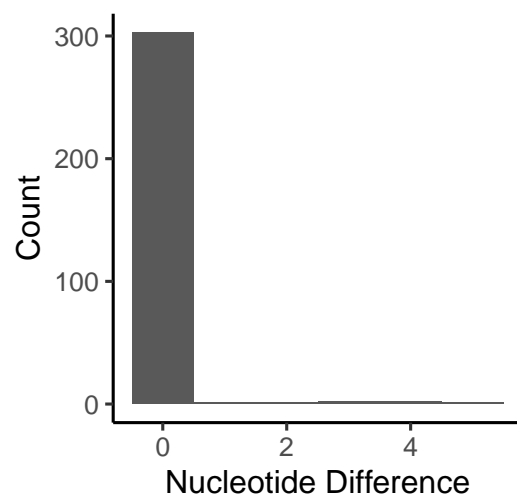
TRBV4–3*ap01

1376 sequences assigned
1369 (99.5%) exact matches, in which:
1367 unique CDR3
13 unique J



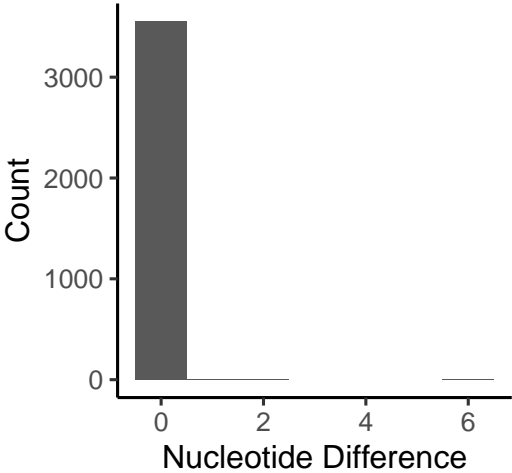
TRBV5–3*ap01

310 sequences assigned
303 (97.7%) exact matches, in which:
303 unique CDR3
13 unique J



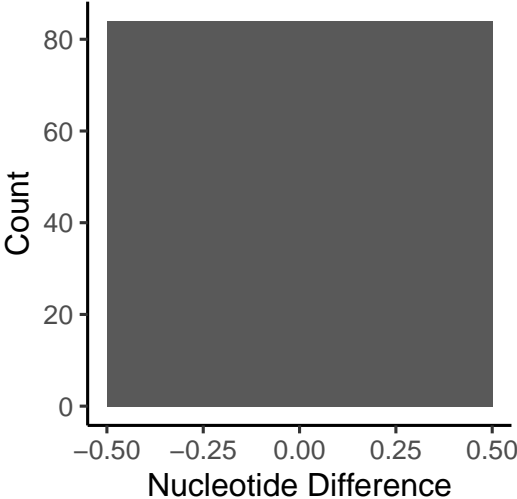
TRBV5-4*ap01

3560 sequences assigned
3553 (99.8%) exact matches, in which:
3552 unique CDR3
13 unique J



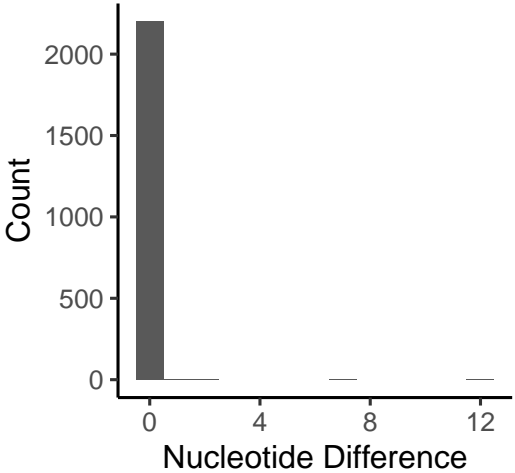
TRBV5-7*ap01

84 sequences assigned
84 (100%) exact matches, in which:
84 unique CDR3
13 unique J



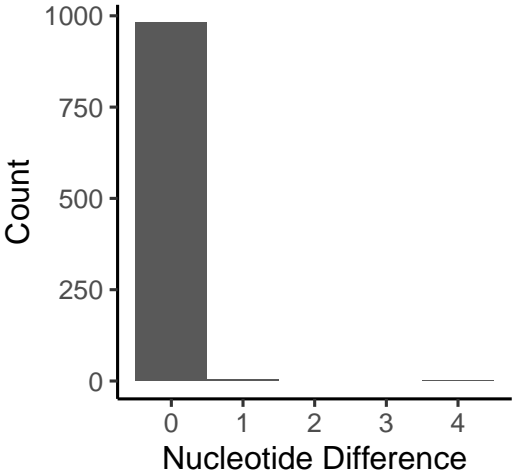
TRBV6-4*ap01

2211 sequences assigned
2201 (99.5%) exact matches, in which:
2198 unique CDR3
13 unique J



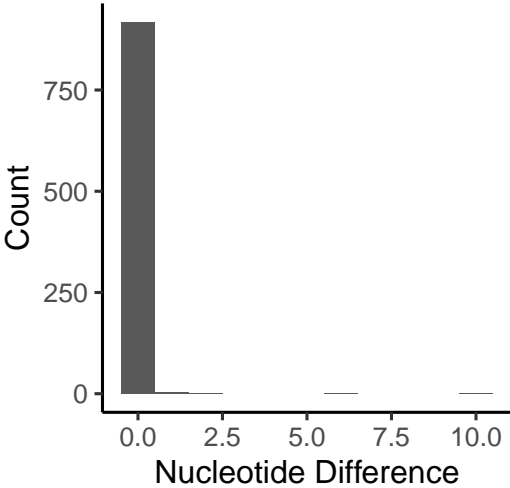
TRBV5-5*ap01

985 sequences assigned
981 (99.6%) exact matches, in which:
981 unique CDR3
13 unique J



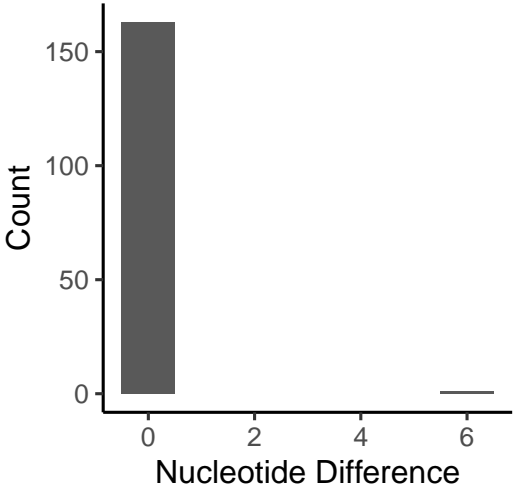
TRBV5-8*ap01

925 sequences assigned
918 (99.2%) exact matches, in which:
918 unique CDR3
13 unique J



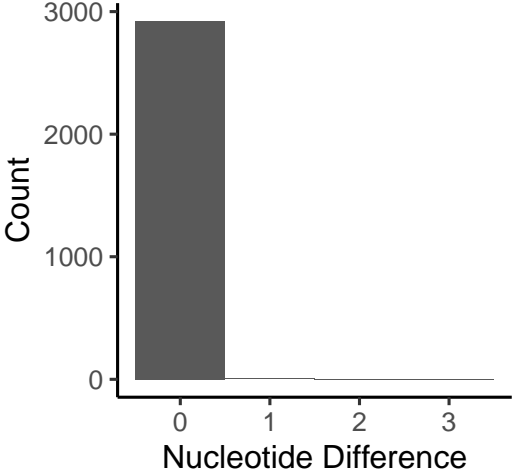
TRBV6-7*ap01

164 sequences assigned
163 (99.4%) exact matches, in which:
163 unique CDR3
12 unique J



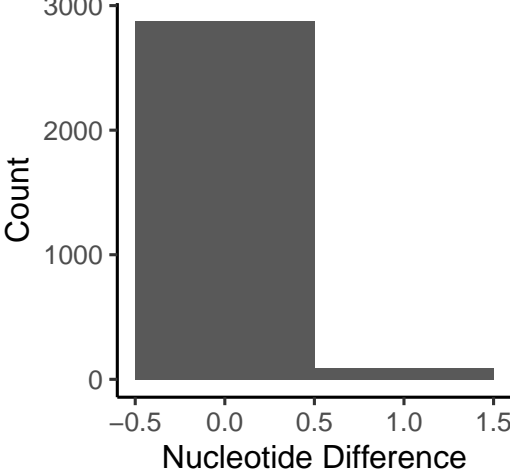
TRBV5-6*ap01

2933 sequences assigned
2923 (99.7%) exact matches, in which:
2921 unique CDR3
14 unique J



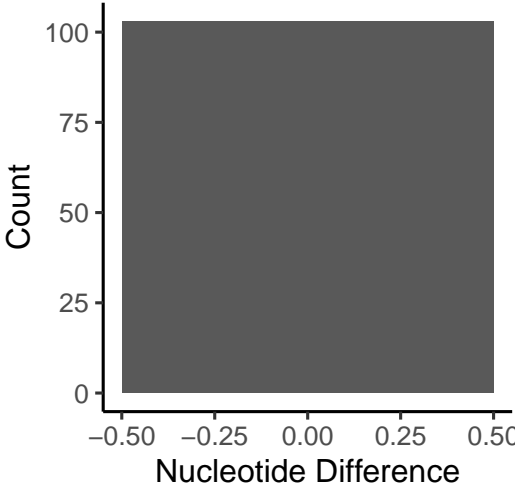
TRBV6-1*ap01

2967 sequences assigned
2876 (96.9%) exact matches, in which:
2868 unique CDR3
13 unique J



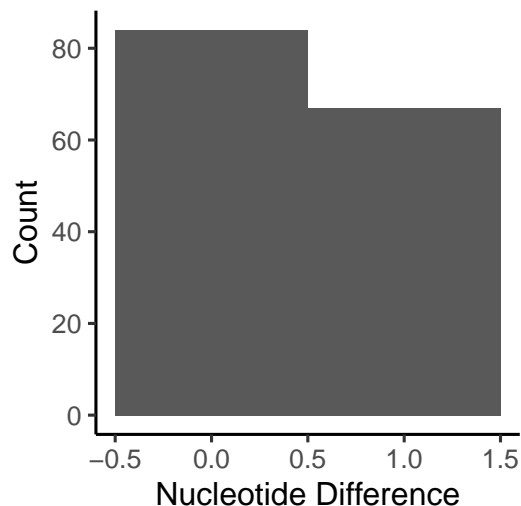
TRBV6-8*ap01

103 sequences assigned
103 (100%) exact matches, in which:
103 unique CDR3
12 unique J



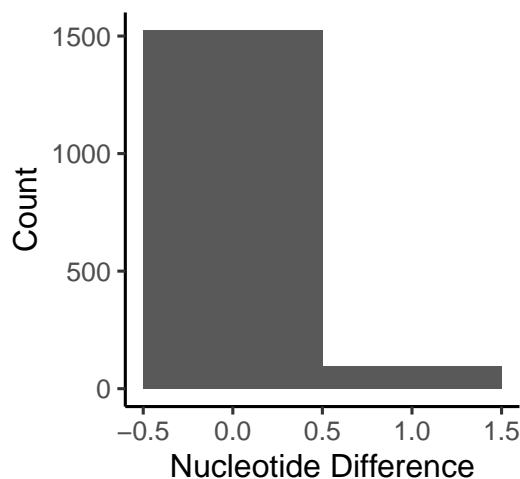
TRBV6-9*ap01

151 sequences assigned
84 (55.6%) exact matches, in which:
84 unique CDR3
13 unique J



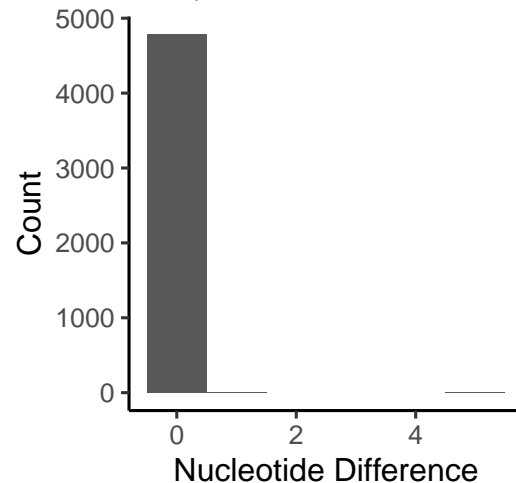
TRBV6-56*ap02

1618 sequences assigned
1524 (94.2%) exact matches, in which:
1521 unique CDR3
13 unique J



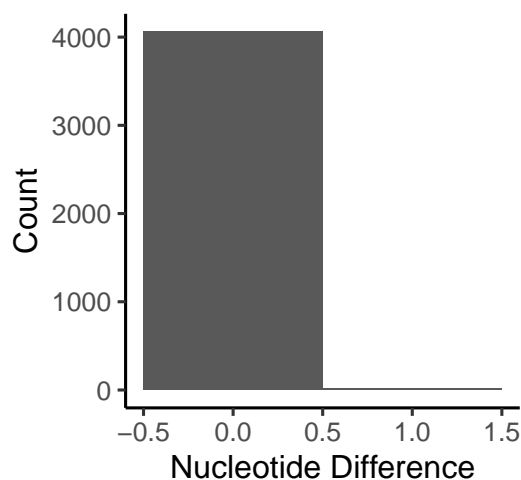
TRBV7-2*ap01

4793 sequences assigned
4784 (99.8%) exact matches, in which:
4783 unique CDR3
13 unique J



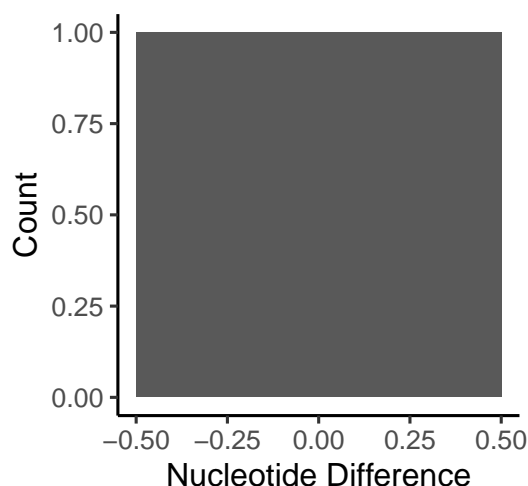
TRBV6-23*ap01

4075 sequences assigned
4061 (99.7%) exact matches, in which:
4049 unique CDR3
13 unique J



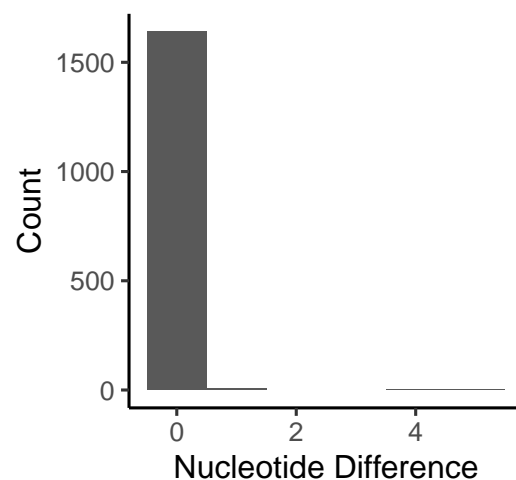
TRBV7-1*ap01

1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J



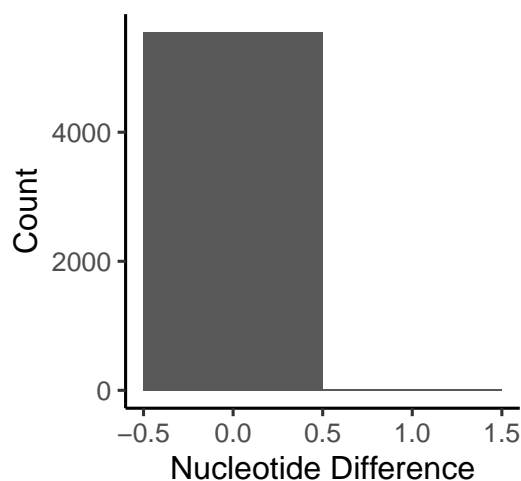
TRBV7-3*ap01

1647 sequences assigned
1640 (99.6%) exact matches, in which:
1635 unique CDR3
12 unique J



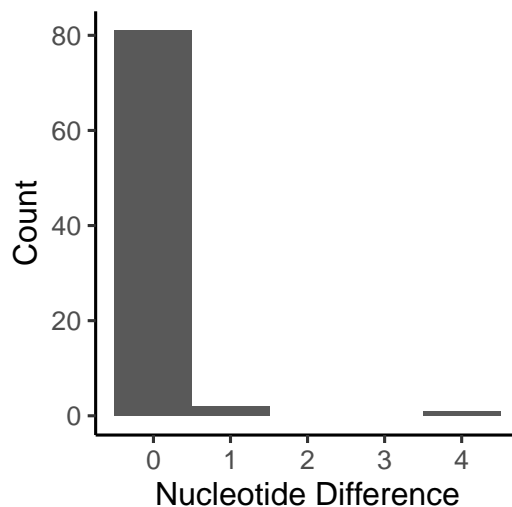
TRBV6-56*ap01

5569 sequences assigned
5553 (99.7%) exact matches, in which:
5539 unique CDR3
13 unique J



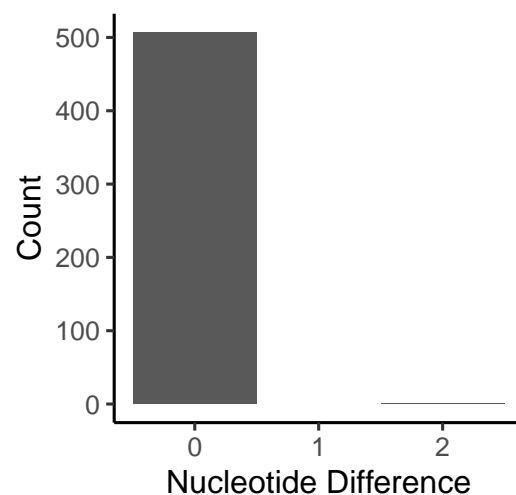
TRBV7-1*ap01_G291C_T

84 sequences assigned
81 (96.4%) exact matches, in which:
81 unique CDR3
13 unique J



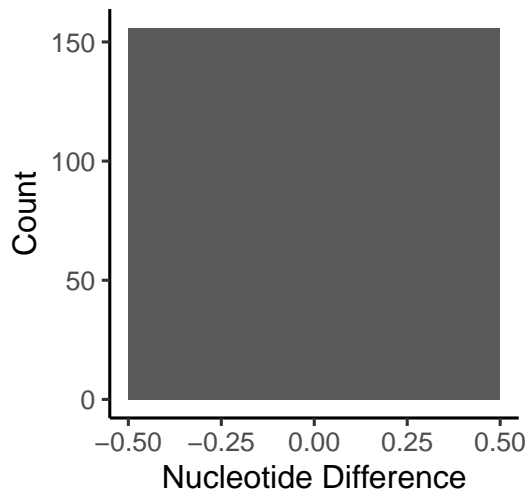
TRBV7-3*ap03

508 sequences assigned
507 (99.8%) exact matches, in which:
506 unique CDR3
13 unique J



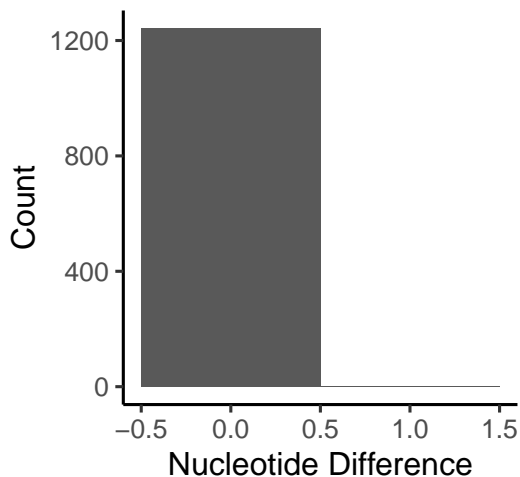
TRBV7-4*ap01

156 sequences assigned
156 (100%) exact matches, in which:
156 unique CDR3
12 unique J



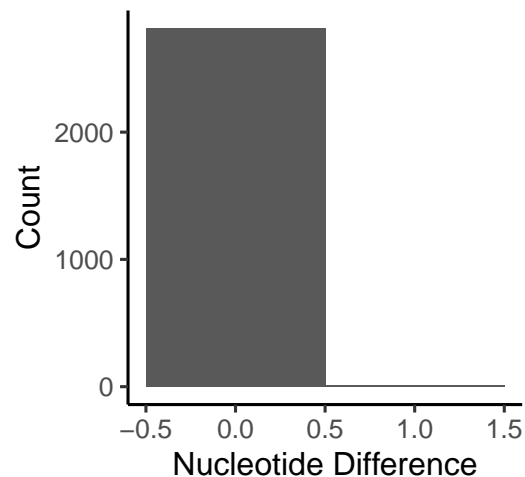
TRBV7-8*ap01

1243 sequences assigned
1242 (99.9%) exact matches, in which:
1241 unique CDR3
13 unique J



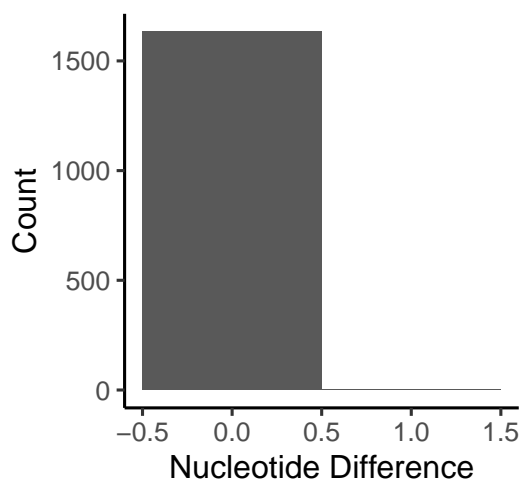
TRBV29-1*ap01

2824 sequences assigned
2815 (99.7%) exact matches, in which:
2809 unique CDR3
13 unique J



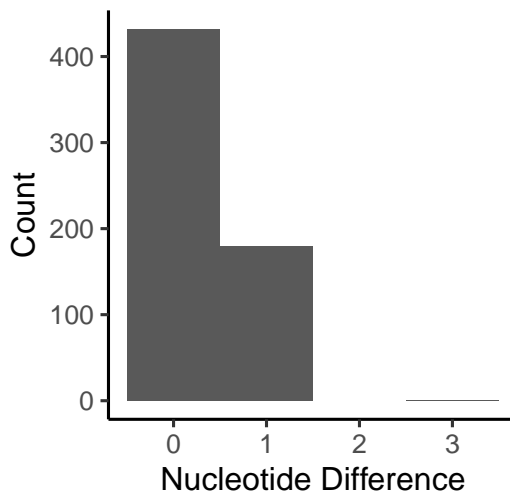
TRBV7-6*ap01

1637 sequences assigned
1633 (99.8%) exact matches, in which:
1633 unique CDR3
13 unique J



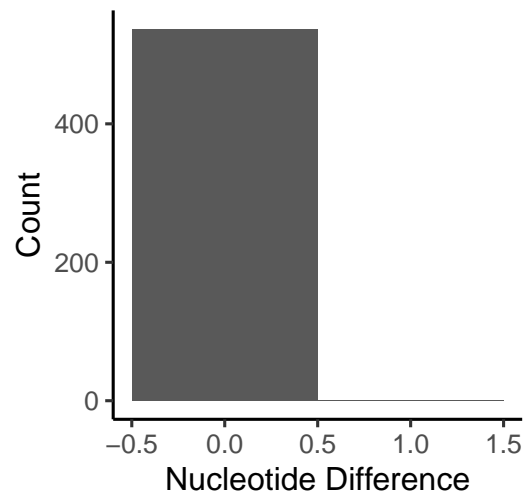
TRBV7-8*ap03

613 sequences assigned
432 (70.5%) exact matches, in which:
432 unique CDR3
13 unique J



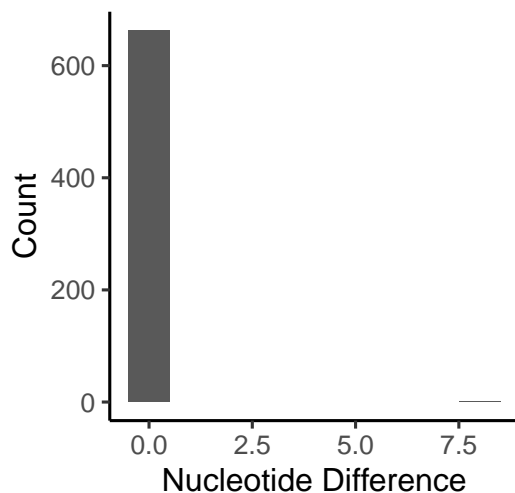
TRBV29-1*ap02

538 sequences assigned
537 (99.8%) exact matches, in which:
537 unique CDR3
13 unique J



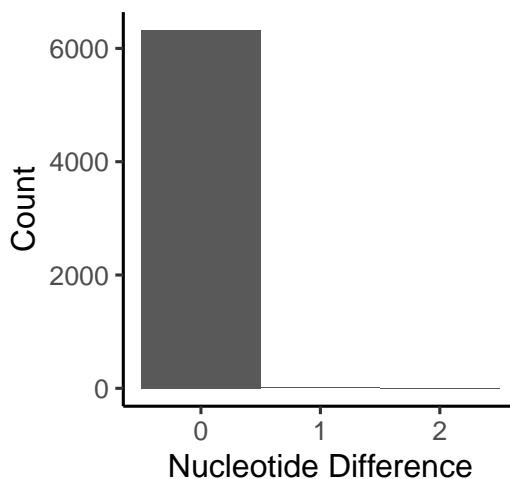
TRBV7-7*ap01_C315T

664 sequences assigned
663 (99.8%) exact matches, in which:
662 unique CDR3
13 unique J

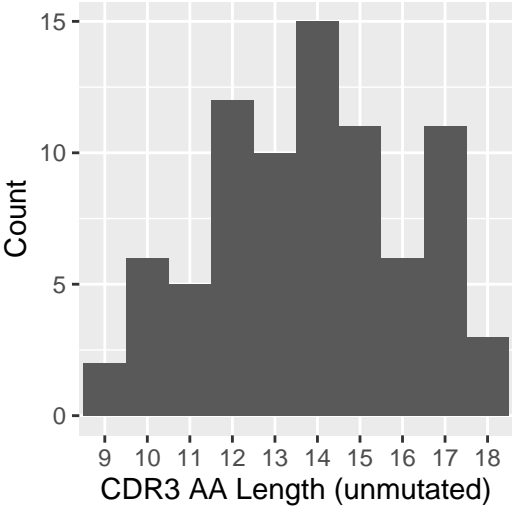


TRBV7-9*ap01

6342 sequences assigned
6324 (99.7%) exact matches, in which:
6320 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T

