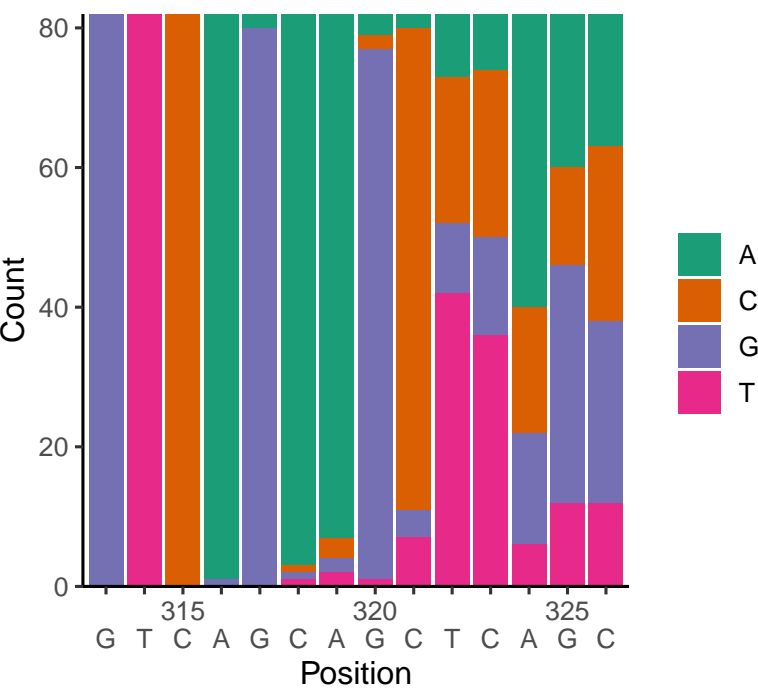
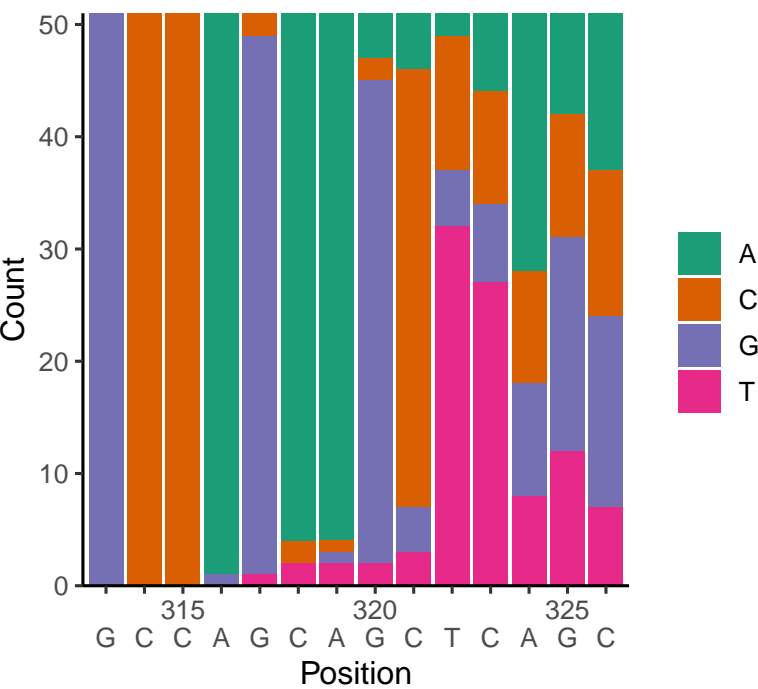


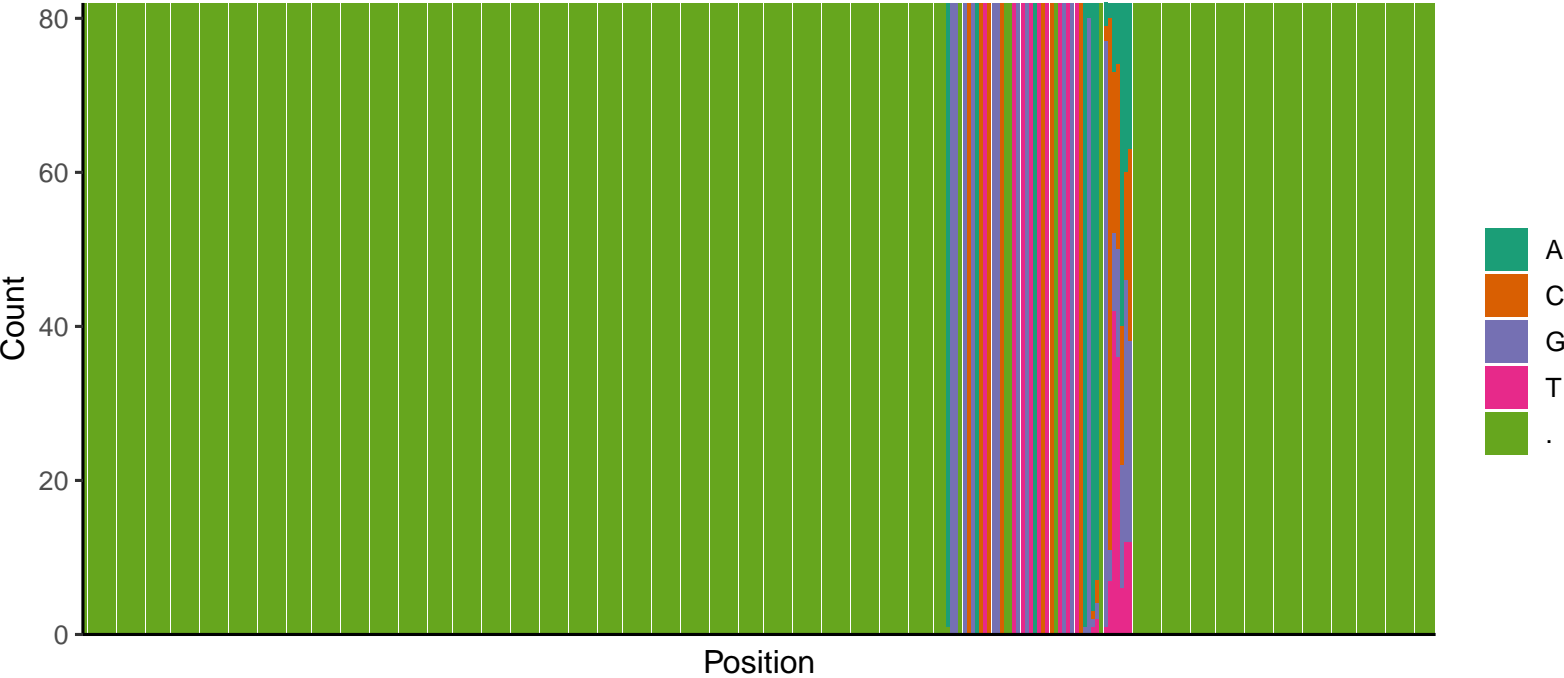
Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-1*ap01_G291C_T296C



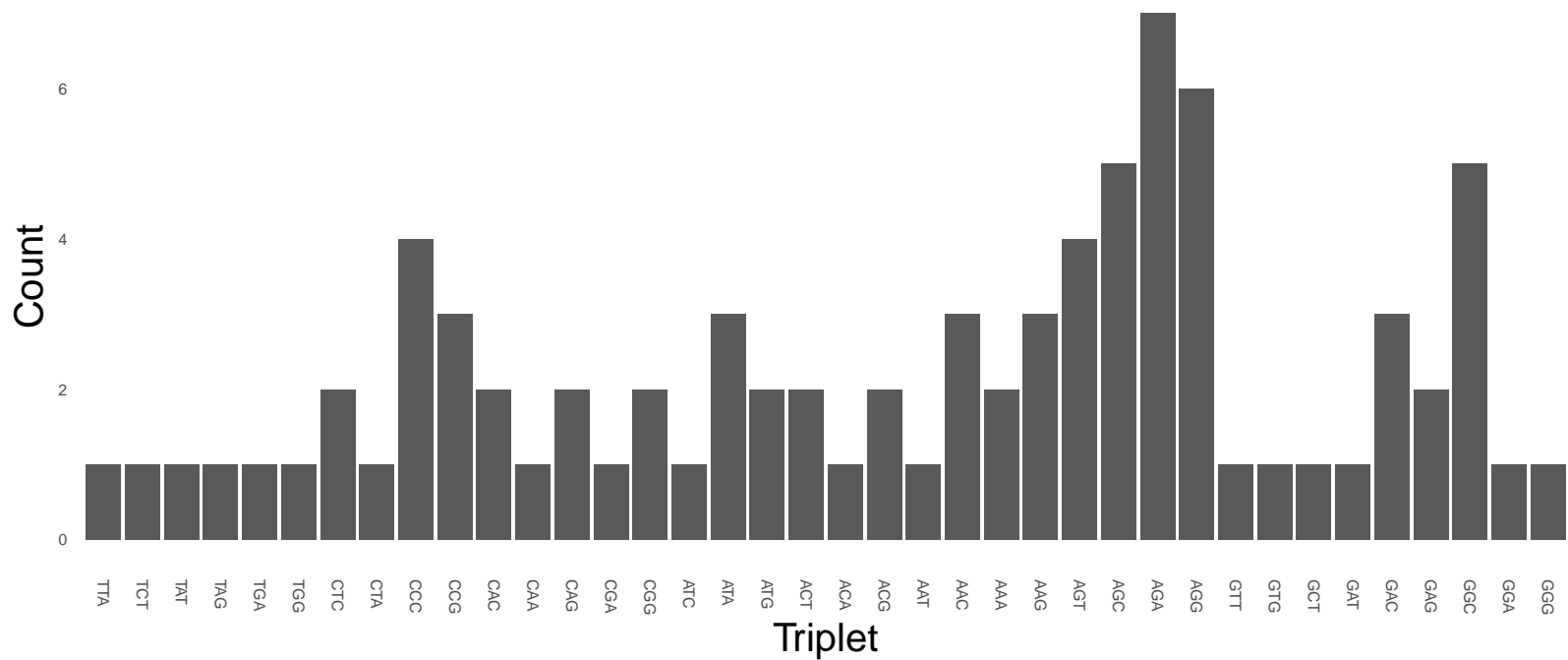
Gene TRBV7-1*ap01_G291C_T296C_C314T



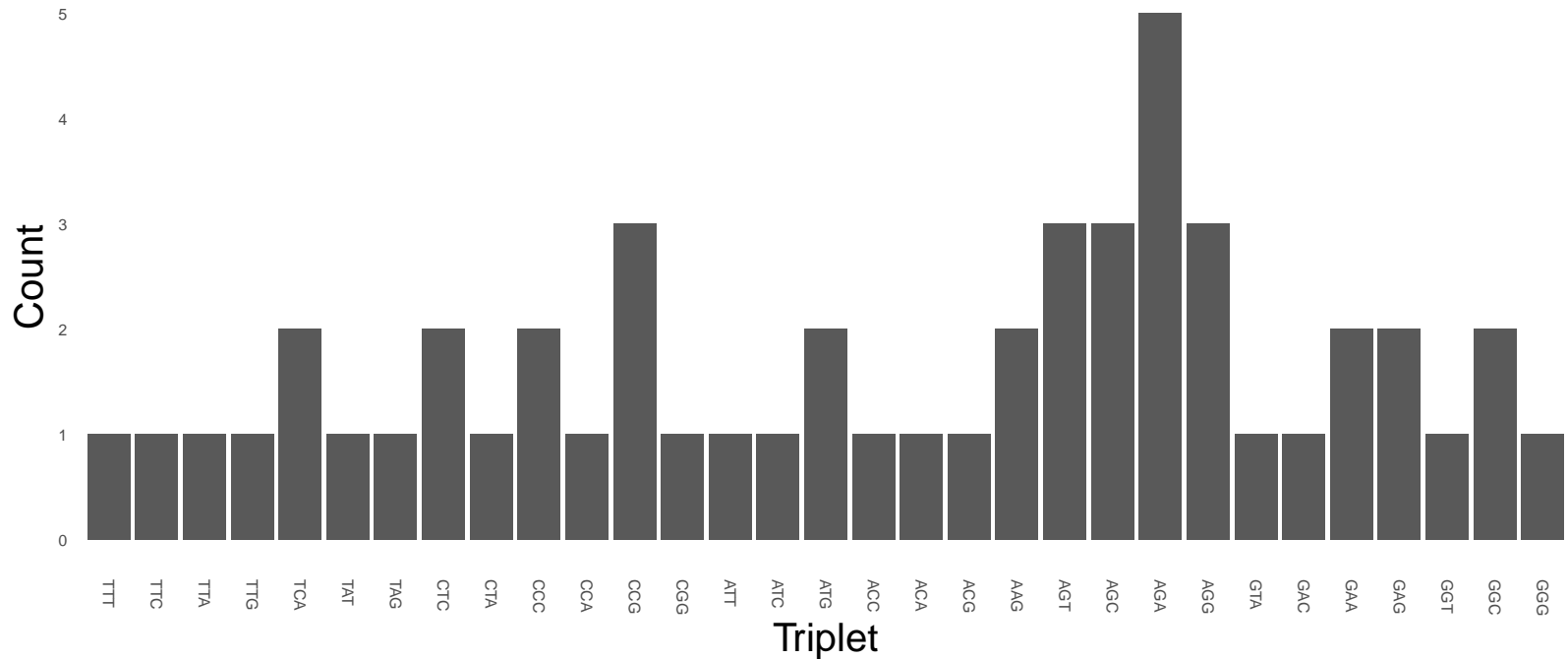
Gene TRBV7-1*ap01_G291C_T296C



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

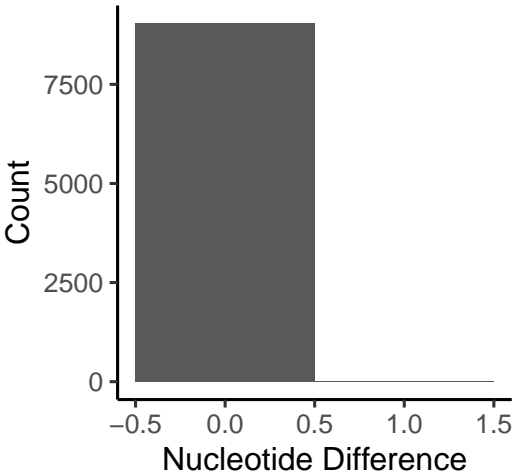


TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



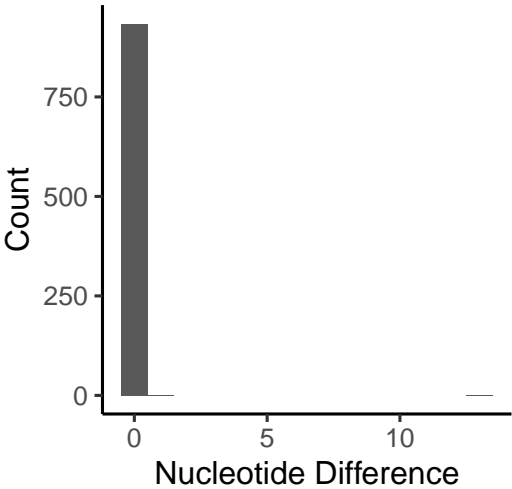
TRBV20-1*ap01

9054 sequences assigned
9037 (99.8%) exact matches, in which:
9031 unique CDR3
13 unique J



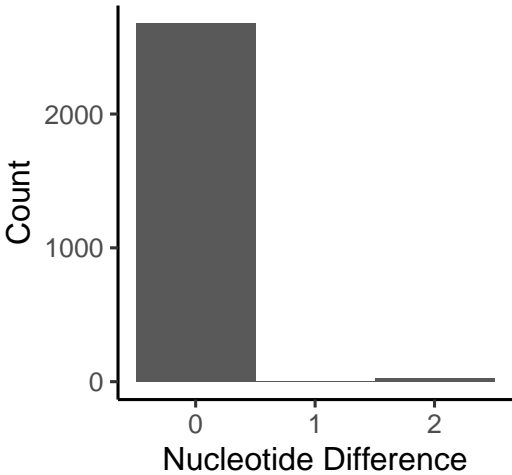
TRBV10-2*ap01

936 sequences assigned
934 (99.8%) exact matches, in which:
933 unique CDR3
13 unique J



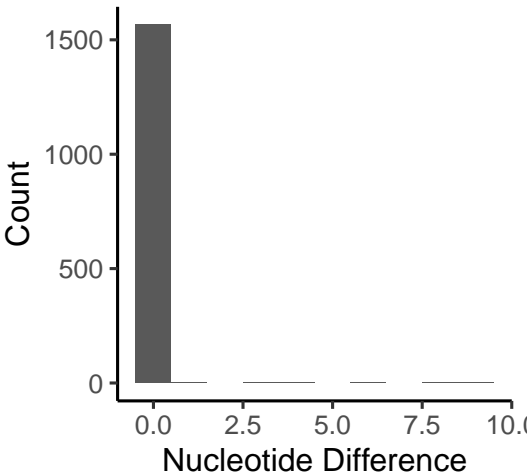
TRBV13*ap01

2703 sequences assigned
2677 (99%) exact matches, in which:
2675 unique CDR3
13 unique J



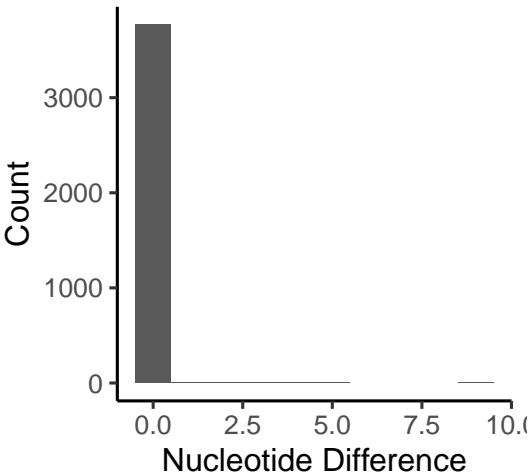
TRBV10-1*ap01

1574 sequences assigned
1566 (99.5%) exact matches, in which:
1566 unique CDR3
13 unique J



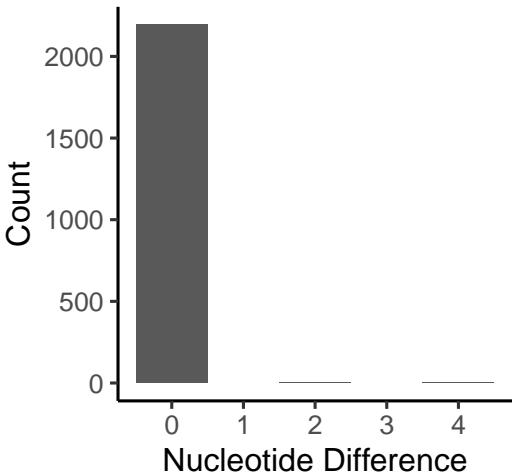
TRBV10-3*ap01

3783 sequences assigned
3767 (99.6%) exact matches, in which:
3766 unique CDR3
13 unique J



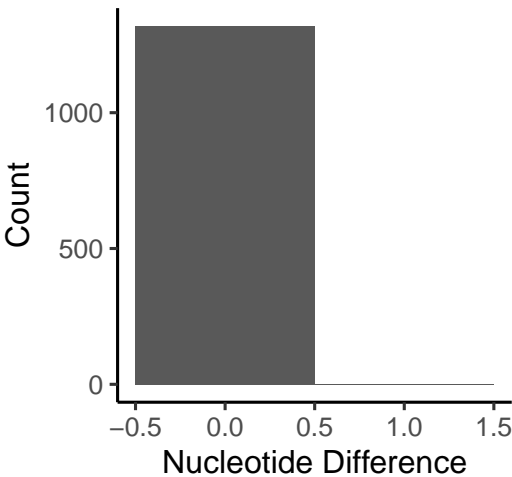
TRBV14*ap01

2196 sequences assigned
2194 (99.9%) exact matches, in which:
2193 unique CDR3
13 unique J



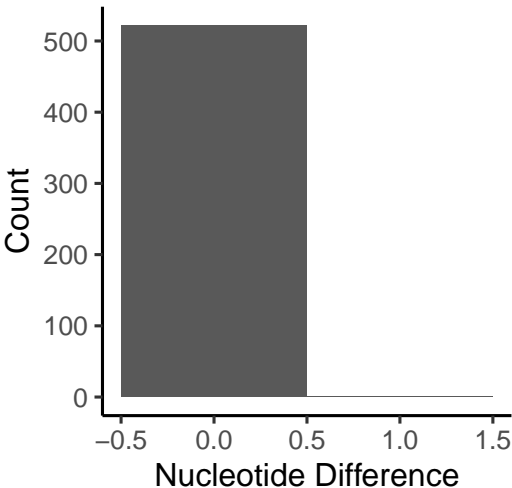
TRBV20-1*ap02

1321 sequences assigned
1319 (99.8%) exact matches, in which:
1317 unique CDR3
13 unique J



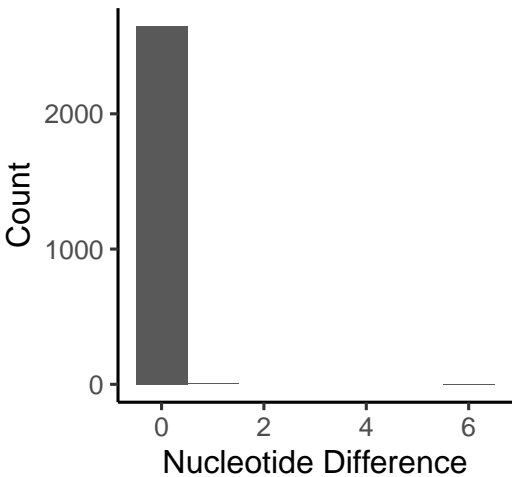
TRBV1*ap01

523 sequences assigned
522 (99.8%) exact matches, in which:
522 unique CDR3
13 unique J



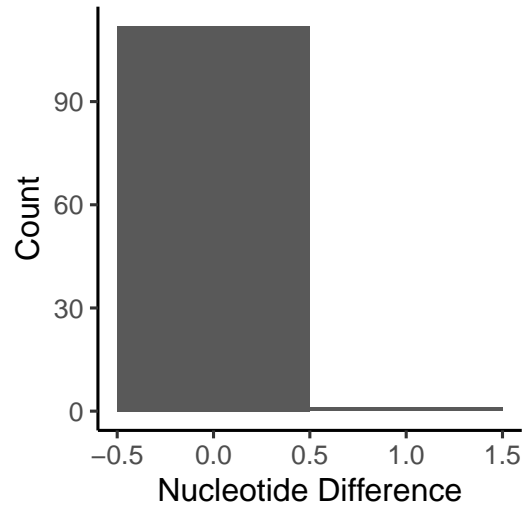
TRBV15*ap02

2655 sequences assigned
2649 (99.8%) exact matches, in which:
2642 unique CDR3
13 unique J



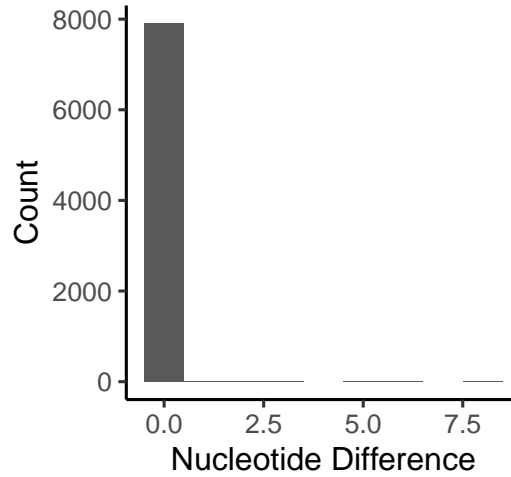
TRBV16*ap01

113 sequences assigned
112 (99.1%) exact matches, in which:
112 unique CDR3
12 unique J



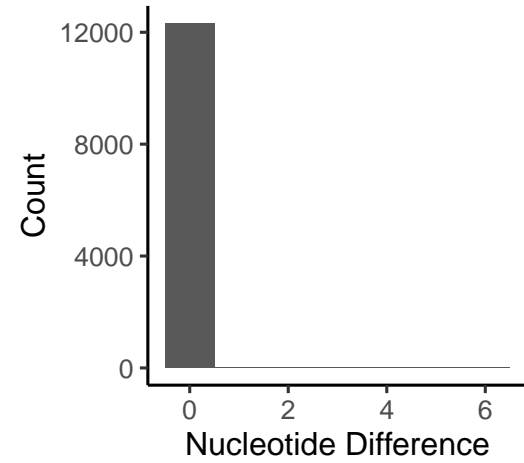
TRBV19*ap01

7926 sequences assigned
7906 (99.7%) exact matches, in which:
7905 unique CDR3
13 unique J



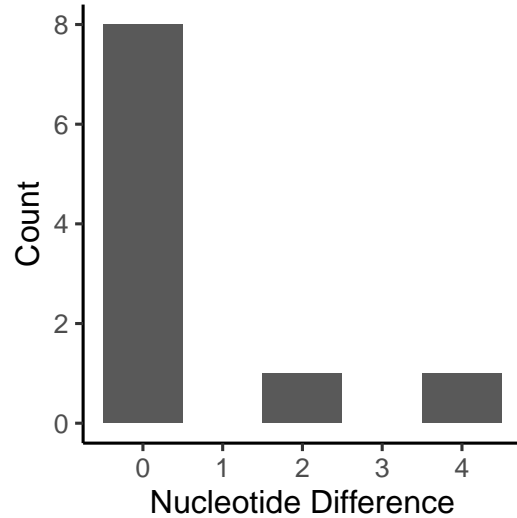
TRBV27*ap01

12360 sequences assigned
12326 (99.7%) exact matches, in which:
12295 unique CDR3
13 unique J



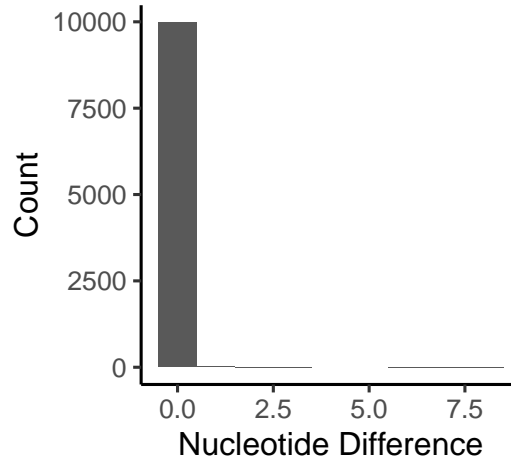
TRBV17*ap01

10 sequences assigned
8 (80%) exact matches, in which:
8 unique CDR3
4 unique J



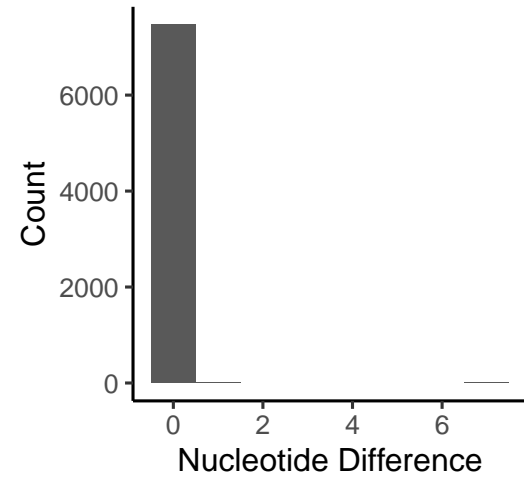
TRBV2*ap01

10009 sequences assigned
9981 (99.7%) exact matches, in which:
9966 unique CDR3
13 unique J



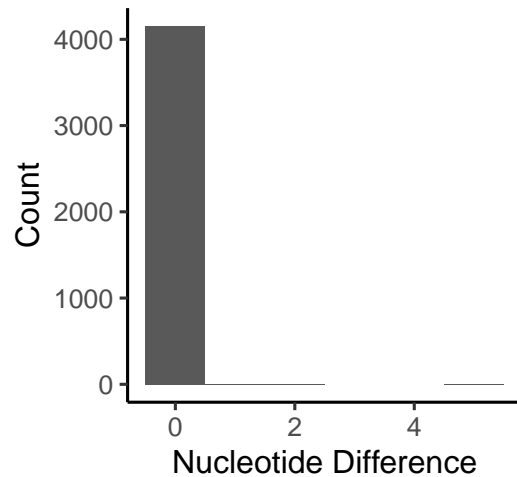
TRBV28*ap01

7488 sequences assigned
7467 (99.7%) exact matches, in which:
7466 unique CDR3
13 unique J



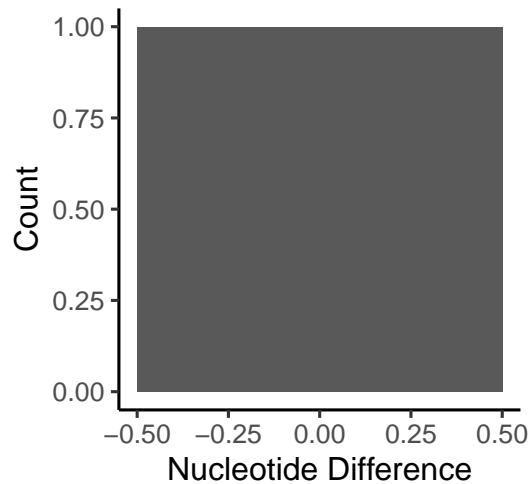
TRBV18*ap01

4160 sequences assigned
4154 (99.9%) exact matches, in which:
4154 unique CDR3
13 unique J



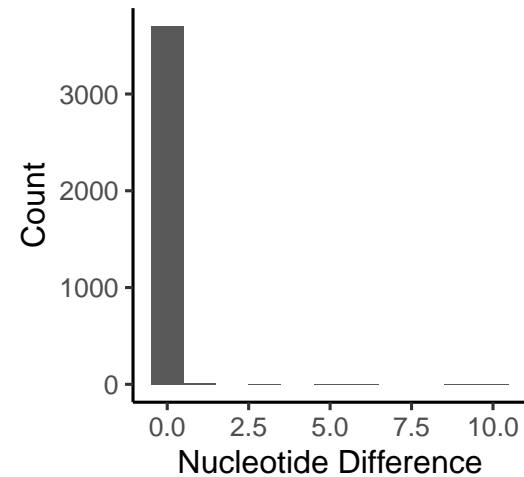
TRBV26*ap01

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



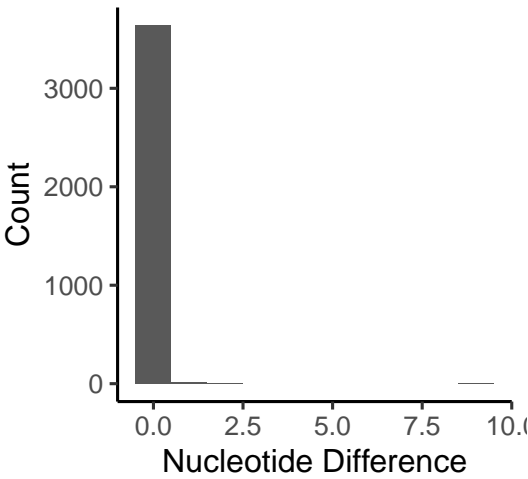
TRBV30*ap01

3720 sequences assigned
3702 (99.5%) exact matches, in which:
3695 unique CDR3
13 unique J



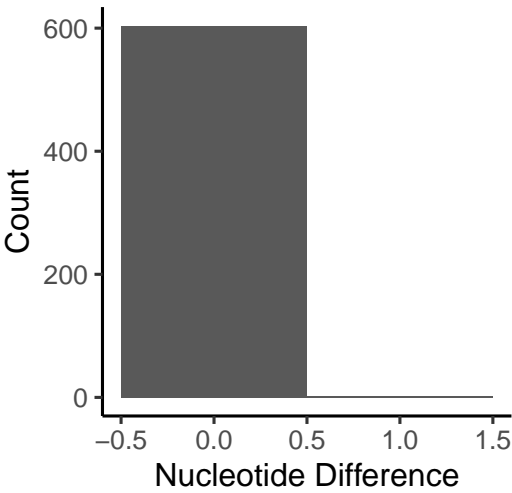
TRBV30*ap02

3660 sequences assigned
3639 (99.4%) exact matches, in which:
3631 unique CDR3
13 unique J



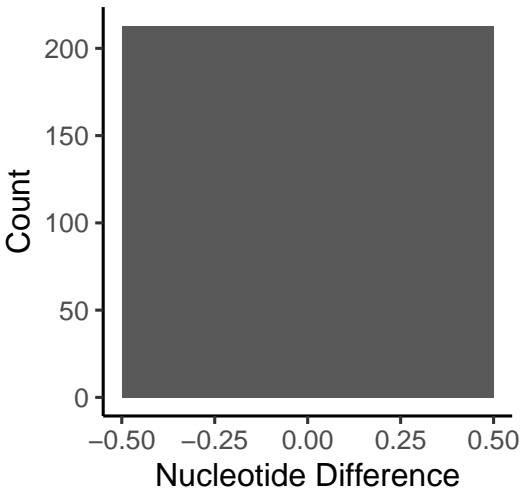
TRBV11-1*ap01

606 sequences assigned
604 (99.7%) exact matches, in which:
604 unique CDR3
13 unique J



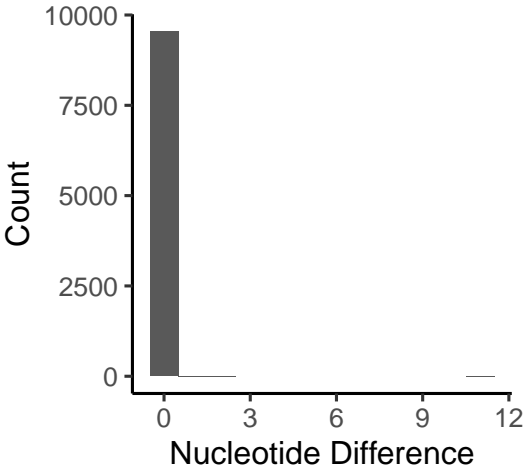
TRBV12-1*ap01

213 sequences assigned
213 (100%) exact matches, in which:
213 unique CDR3
13 unique J



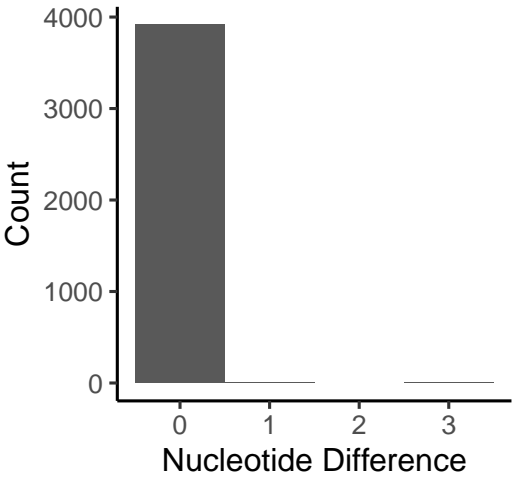
TRBV9*ap01

9558 sequences assigned
9544 (99.9%) exact matches, in which:
9538 unique CDR3
13 unique J



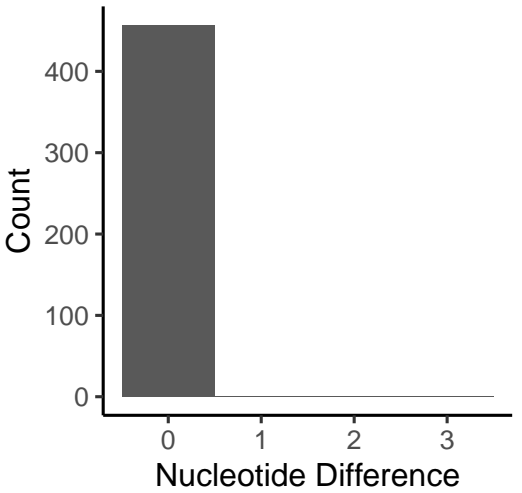
TRBV11-2*ap01

3918 sequences assigned
3916 (99.9%) exact matches, in which:
3916 unique CDR3
13 unique J



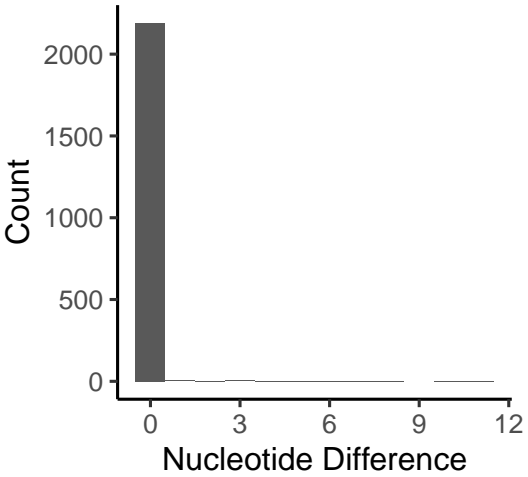
TRBV12-2*ap01

460 sequences assigned
457 (99.3%) exact matches, in which:
457 unique CDR3
13 unique J



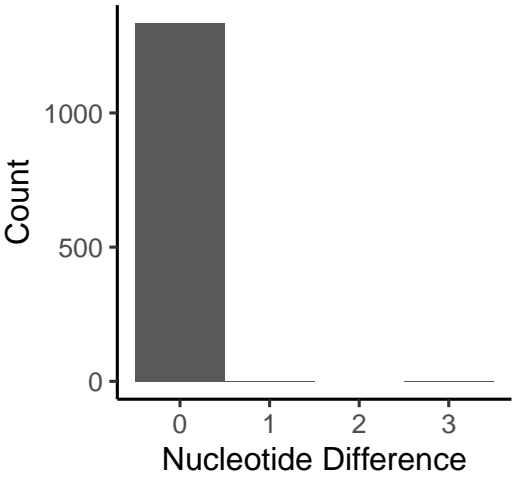
TRBV21-1*ap01

2214 sequences assigned
2190 (98.9%) exact matches, in which:
2188 unique CDR3
13 unique J



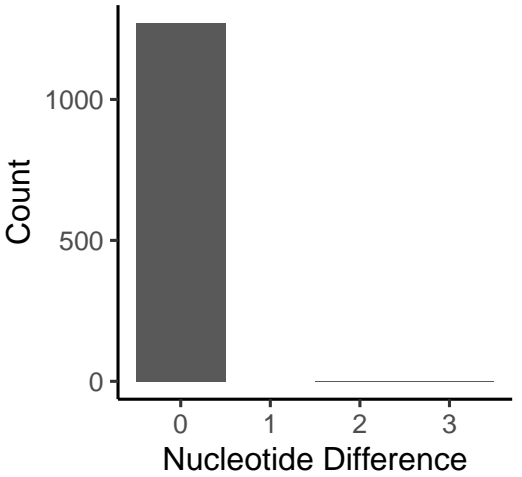
TRBV11-3*ap01

1337 sequences assigned
1335 (99.9%) exact matches, in which:
1335 unique CDR3
13 unique J



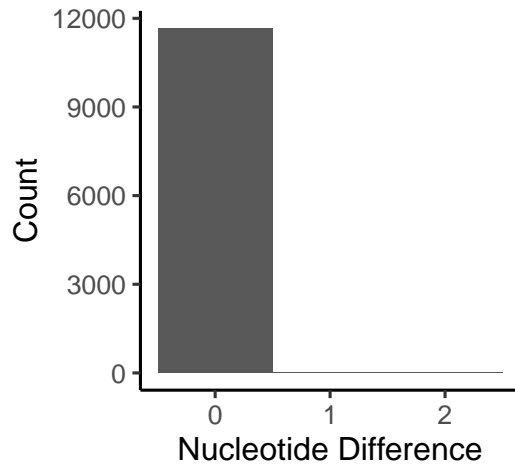
TRBV12-5*ap01

1274 sequences assigned
1271 (99.8%) exact matches, in which:
1271 unique CDR3
13 unique J



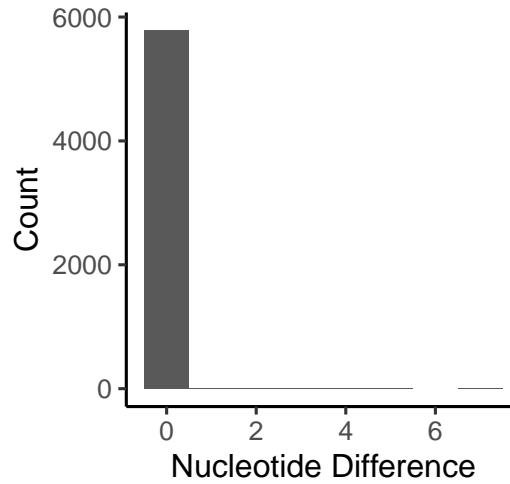
TRBV12–34*ap01

11687 sequences assigned
11667 (99.8%) exact matches, in which:
11663 unique CDR3
13 unique J



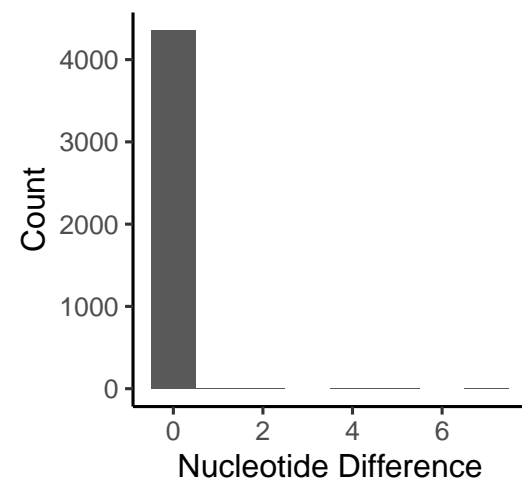
TRBV24–1*ap01

5809 sequences assigned
5784 (99.6%) exact matches, in which:
5772 unique CDR3
13 unique J



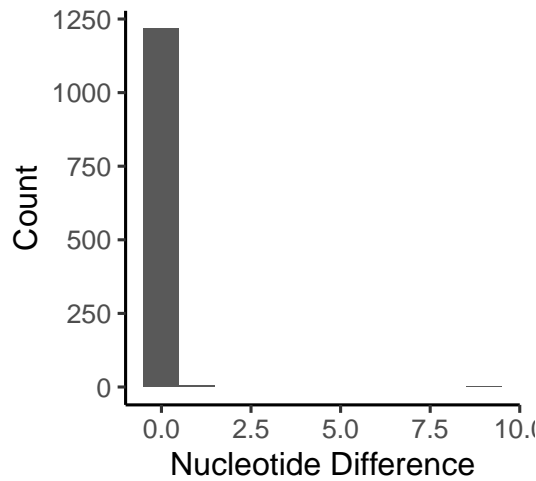
TRBV25–1*ap01

4368 sequences assigned
4355 (99.7%) exact matches, in which:
4342 unique CDR3
13 unique J



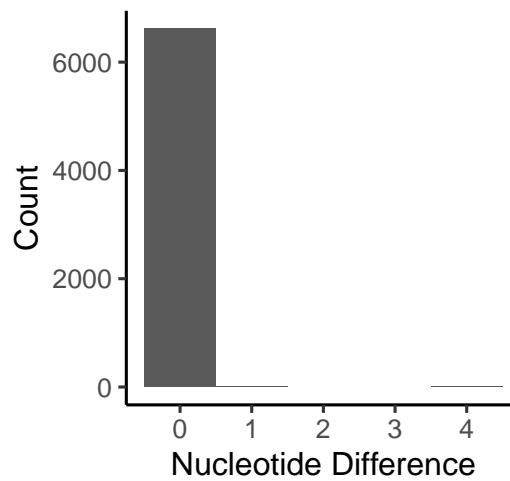
TRBV23–1*ap01

1222 sequences assigned
1217 (99.6%) exact matches, in which:
1217 unique CDR3
13 unique J



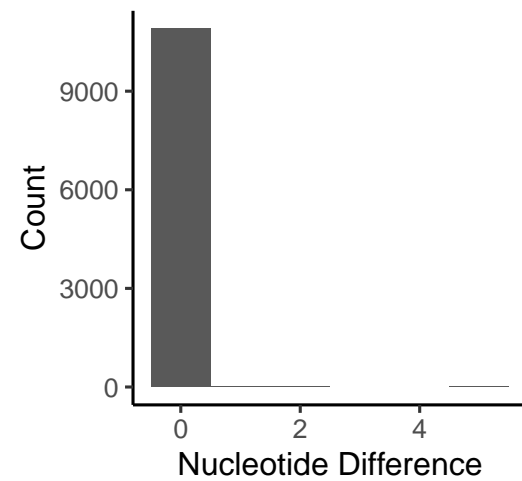
TRBV4–1*ap01

6628 sequences assigned
6617 (99.8%) exact matches, in which:
6617 unique CDR3
13 unique J



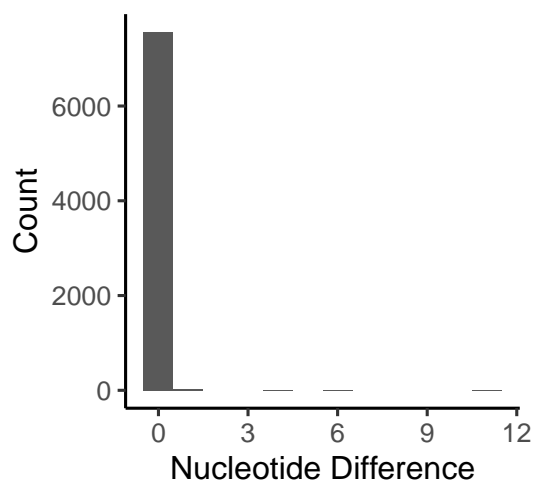
TRBV5–1*ap01

10917 sequences assigned
10900 (99.8%) exact matches, in which:
10880 unique CDR3
13 unique J



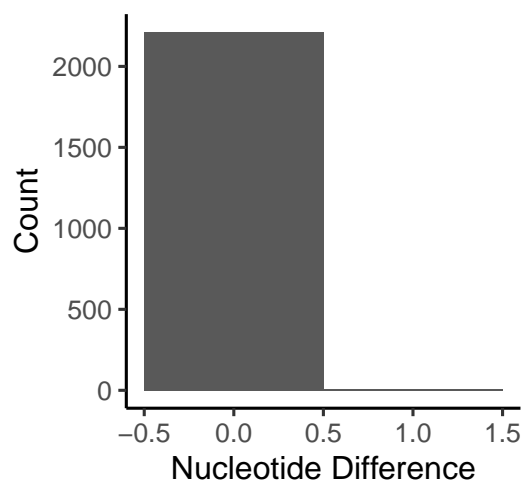
TRBV3–12*ap01

7587 sequences assigned
7561 (99.7%) exact matches, in which:
7544 unique CDR3
13 unique J



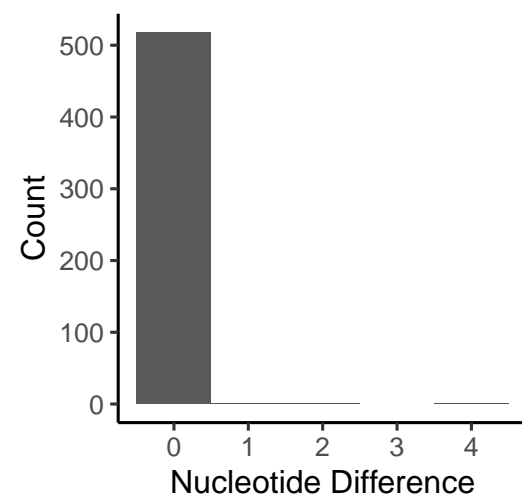
TRBV4–2*ap01

2221 sequences assigned
2212 (99.6%) exact matches, in which:
2209 unique CDR3
13 unique J



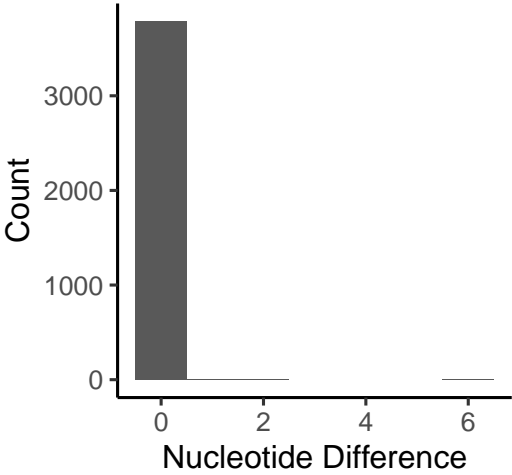
TRBV5–3*ap01

521 sequences assigned
518 (99.4%) exact matches, in which:
518 unique CDR3
13 unique J



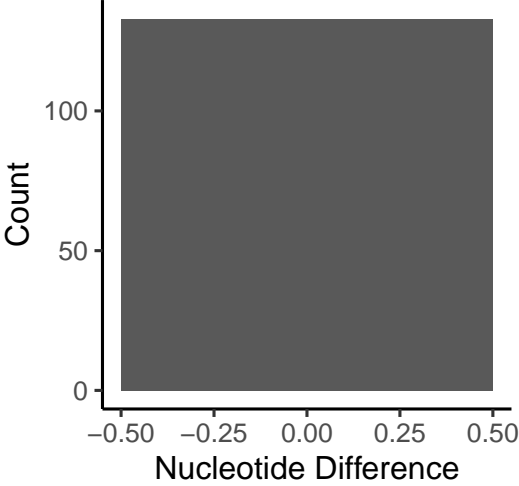
TRBV5-4*ap01

3791 sequences assigned
3786 (99.9%) exact matches, in which:
3785 unique CDR3
13 unique J



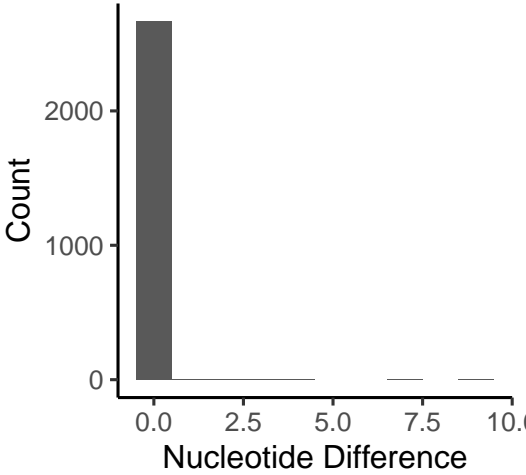
TRBV5-7*ap01

133 sequences assigned
133 (100%) exact matches, in which:
133 unique CDR3
13 unique J



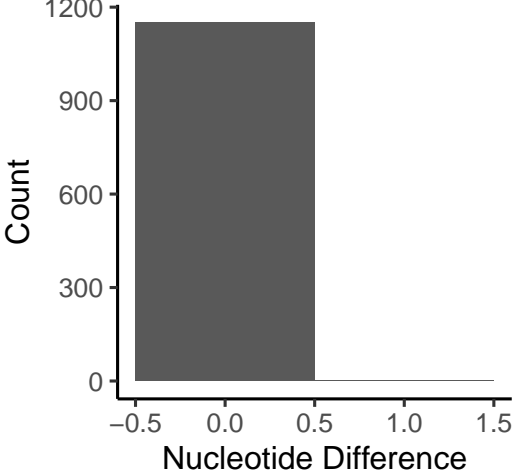
TRBV6-4*ap01

2682 sequences assigned
2666 (99.4%) exact matches, in which:
2665 unique CDR3
13 unique J



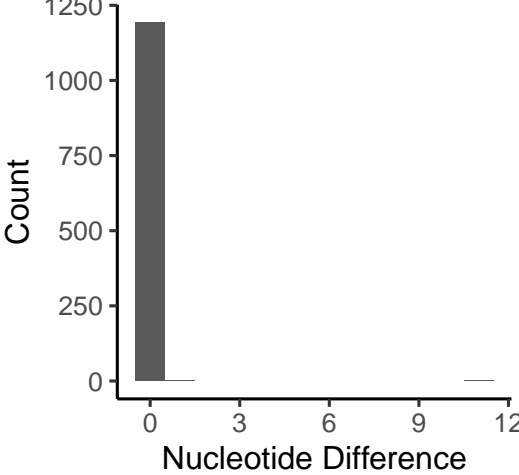
TRBV5-5*ap01

1152 sequences assigned
1150 (99.8%) exact matches, in which:
1149 unique CDR3
13 unique J



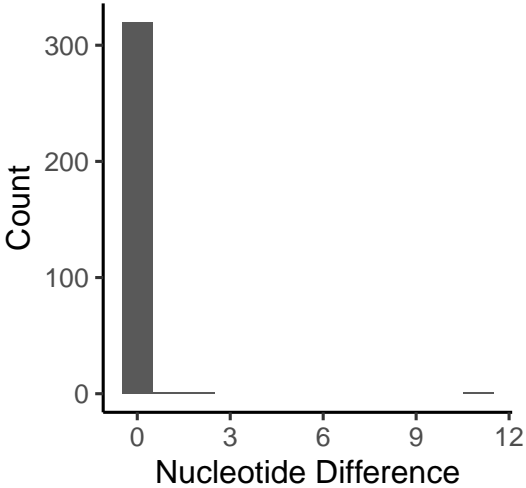
TRBV5-8*ap01

1194 sequences assigned
1192 (99.8%) exact matches, in which:
1192 unique CDR3
13 unique J



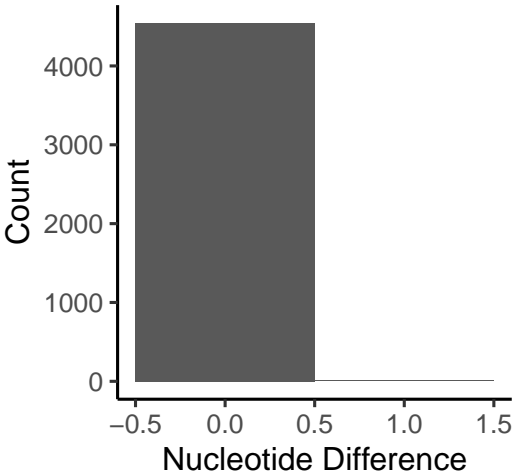
TRBV6-7*ap01

323 sequences assigned
320 (99.1%) exact matches, in which:
320 unique CDR3
13 unique J



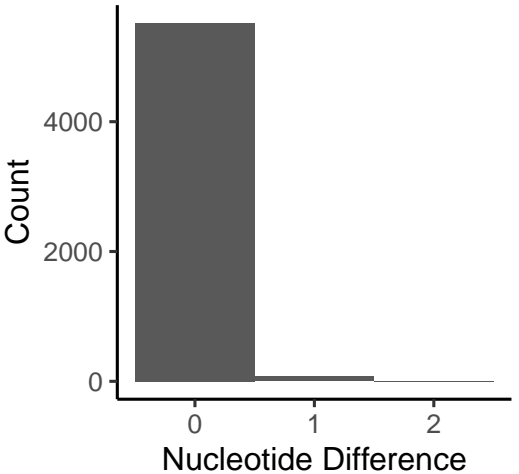
TRBV5-6*ap01

4552 sequences assigned
4544 (99.8%) exact matches, in which:
4542 unique CDR3
13 unique J



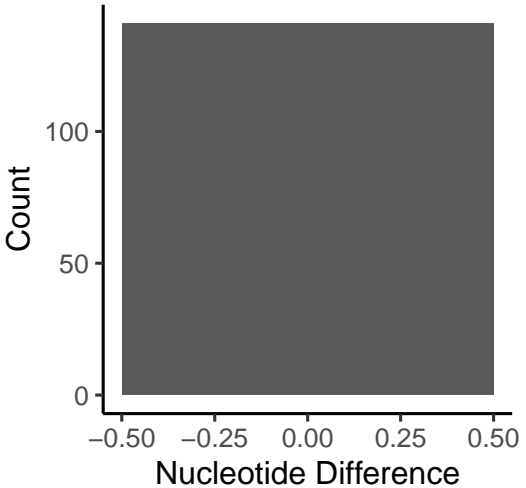
TRBV6-1*ap01

5597 sequences assigned
5520 (98.6%) exact matches, in which:
5516 unique CDR3
13 unique J



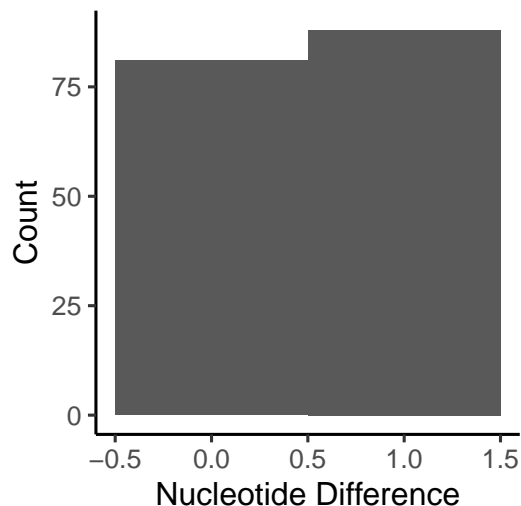
TRBV6-8*ap01

141 sequences assigned
141 (100%) exact matches, in which:
141 unique CDR3
13 unique J



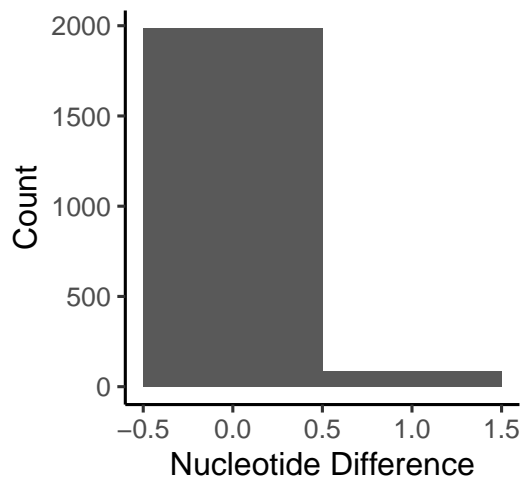
TRBV6–9*ap01

169 sequences assigned
81 (47.9%) exact matches, in which:
81 unique CDR3
12 unique J



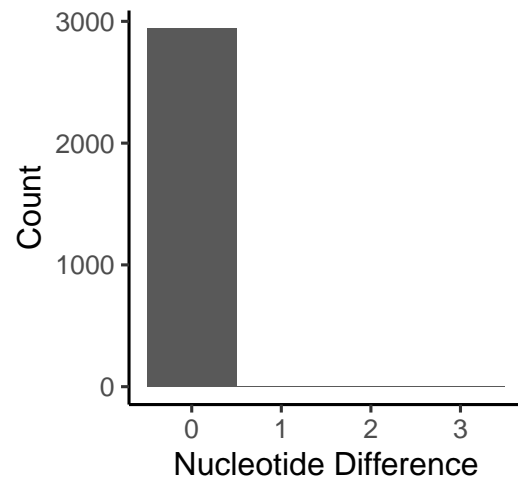
TRBV6–56*ap02

2072 sequences assigned
1985 (95.8%) exact matches, in which:
1980 unique CDR3
13 unique J



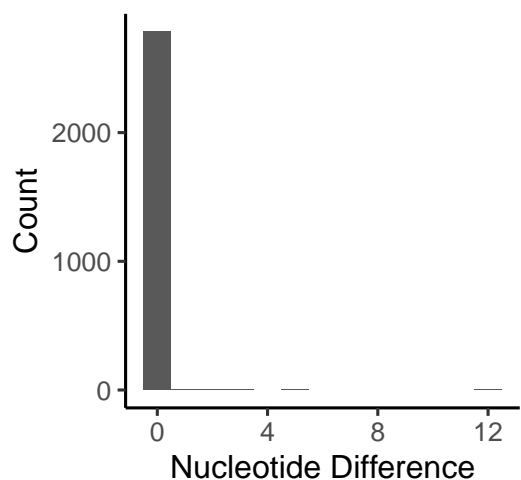
TRBV7–2*ap01

2948 sequences assigned
2942 (99.8%) exact matches, in which:
2942 unique CDR3
13 unique J



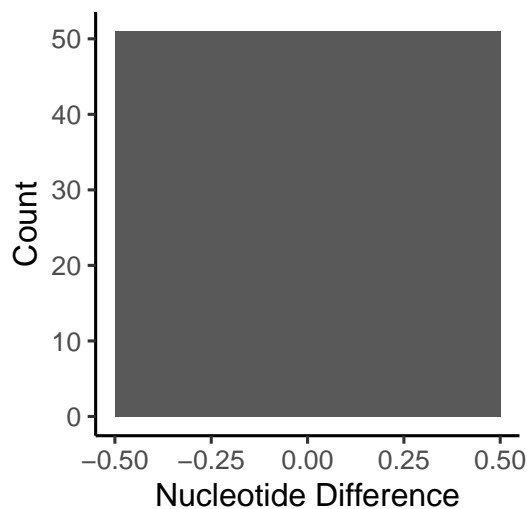
TRBV6–23*ap01

2791 sequences assigned
2784 (99.7%) exact matches, in which:
2783 unique CDR3
13 unique J



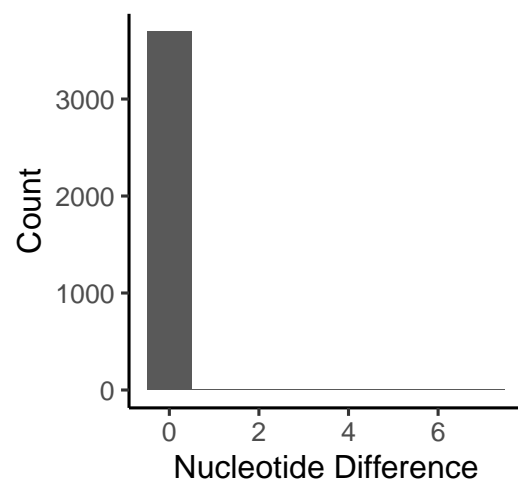
TRBV7–1*ap01_G291C_T

51 sequences assigned
51 (100%) exact matches, in which:
51 unique CDR3
10 unique J



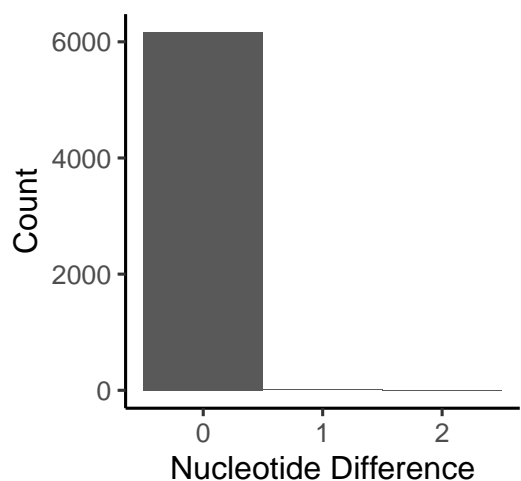
TRBV7–3*ap01

3710 sequences assigned
3694 (99.6%) exact matches, in which:
3691 unique CDR3
13 unique J



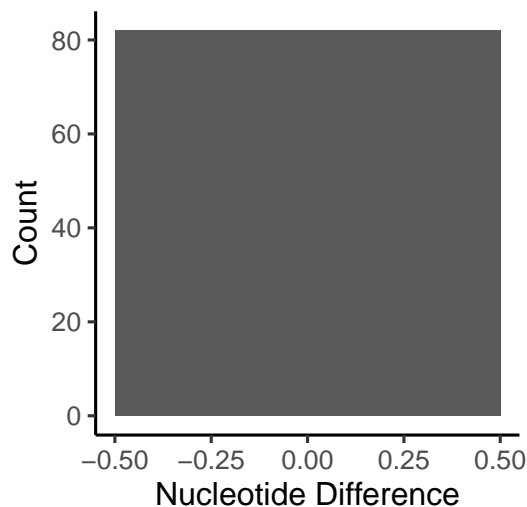
TRBV6–56*ap01

6185 sequences assigned
6168 (99.7%) exact matches, in which:
6166 unique CDR3
13 unique J



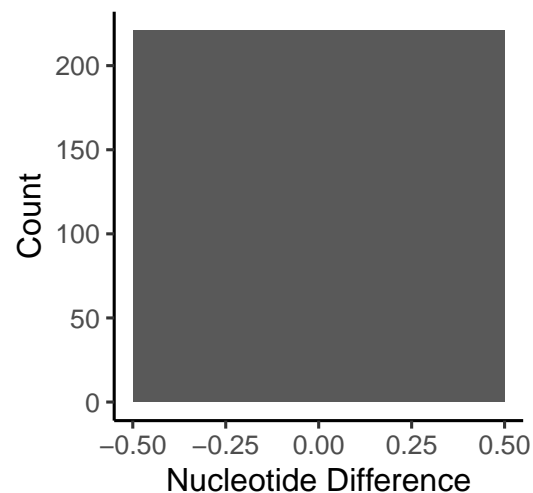
TRBV7–1*ap01_G291C_T

82 sequences assigned
82 (100%) exact matches, in which:
81 unique CDR3
13 unique J



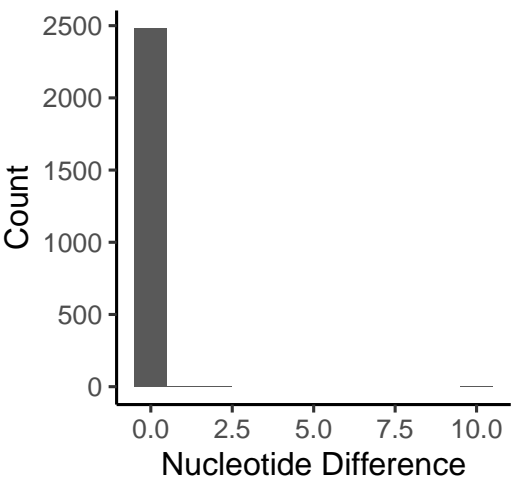
TRBV7–4*ap01

221 sequences assigned
221 (100%) exact matches, in which:
221 unique CDR3
13 unique J



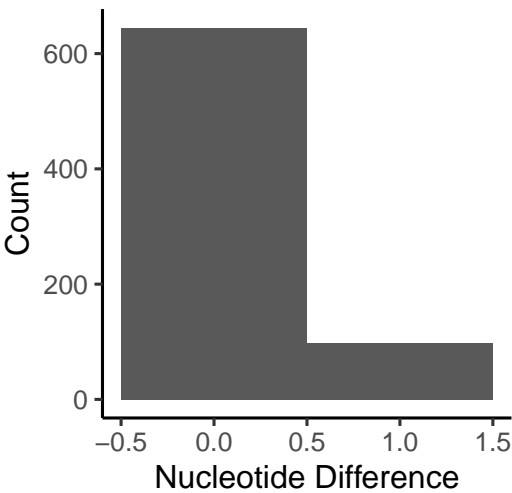
TRBV7-6*ap01

2488 sequences assigned
2481 (99.7%) exact matches, in which:
2481 unique CDR3
13 unique J



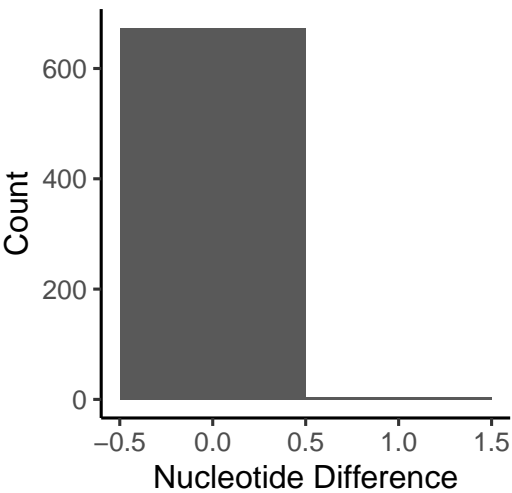
TRBV7-8*ap03

743 sequences assigned
645 (86.8%) exact matches, in which:
645 unique CDR3
13 unique J



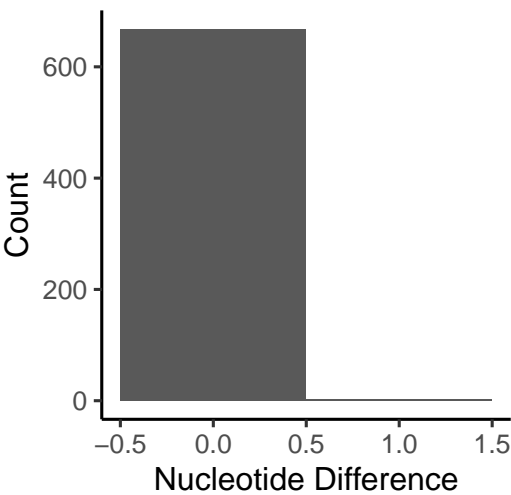
TRBV29-1*ap02

678 sequences assigned
674 (99.4%) exact matches, in which:
673 unique CDR3
13 unique J



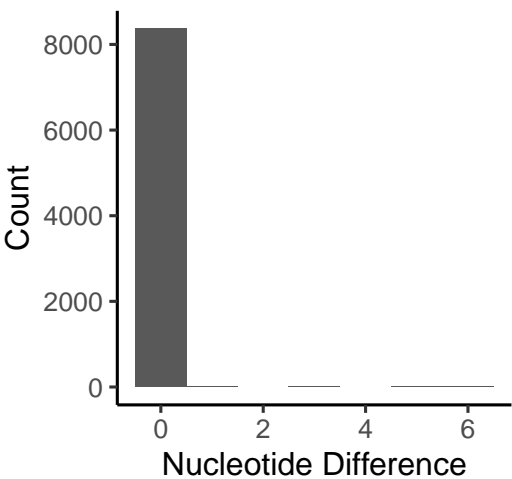
TRBV7-7*ap01

670 sequences assigned
668 (99.7%) exact matches, in which:
667 unique CDR3
13 unique J



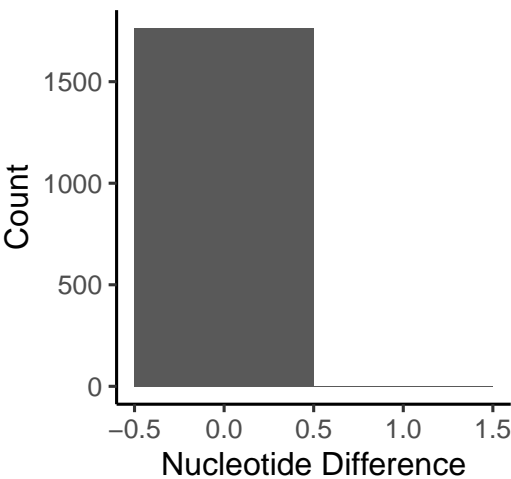
TRBV7-9*ap01

8393 sequences assigned
8367 (99.7%) exact matches, in which:
8365 unique CDR3
13 unique J



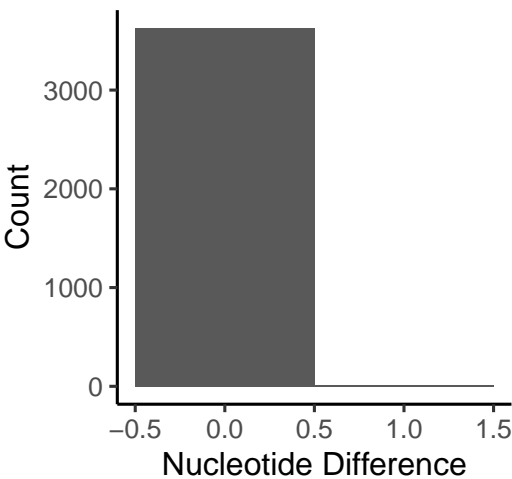
TRBV7-8*ap01

1766 sequences assigned
1764 (99.9%) exact matches, in which:
1764 unique CDR3
13 unique J

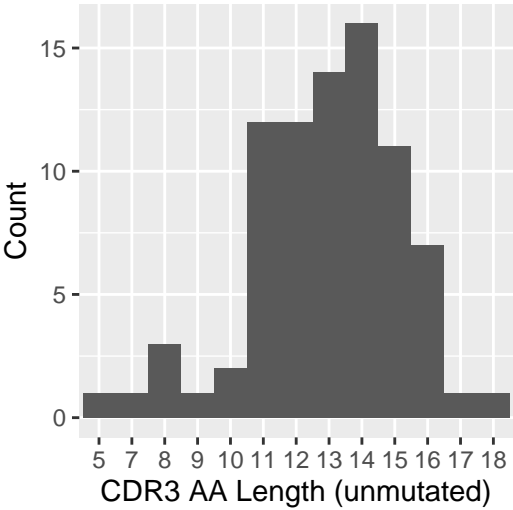


TRBV29-1*ap01

3642 sequences assigned
3628 (99.6%) exact matches, in which:
3619 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C

