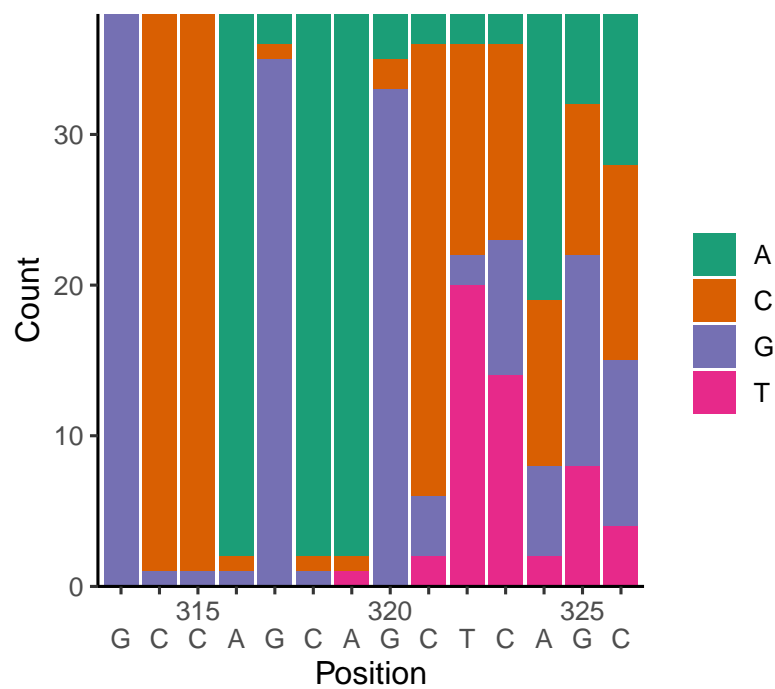
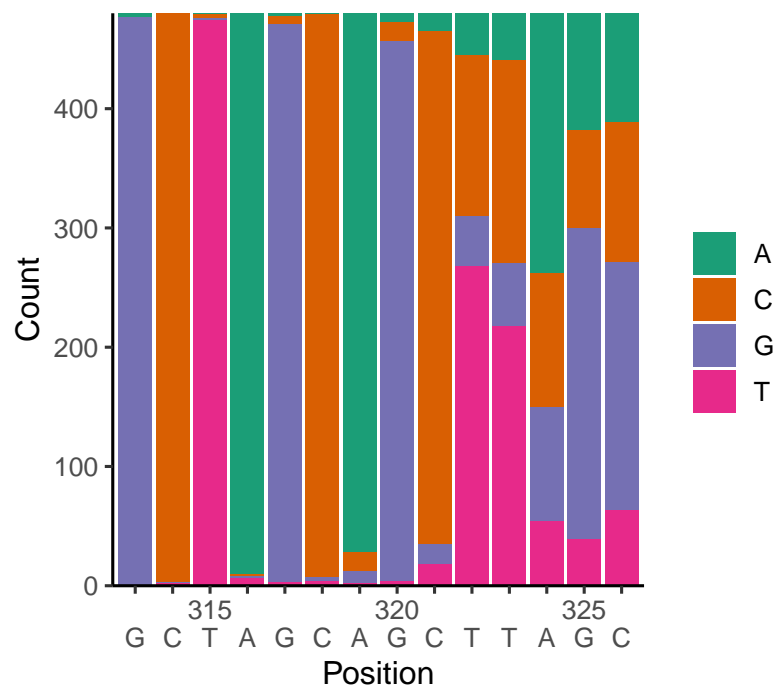


Gene TRBV7-1*ap01_G291C_T296C



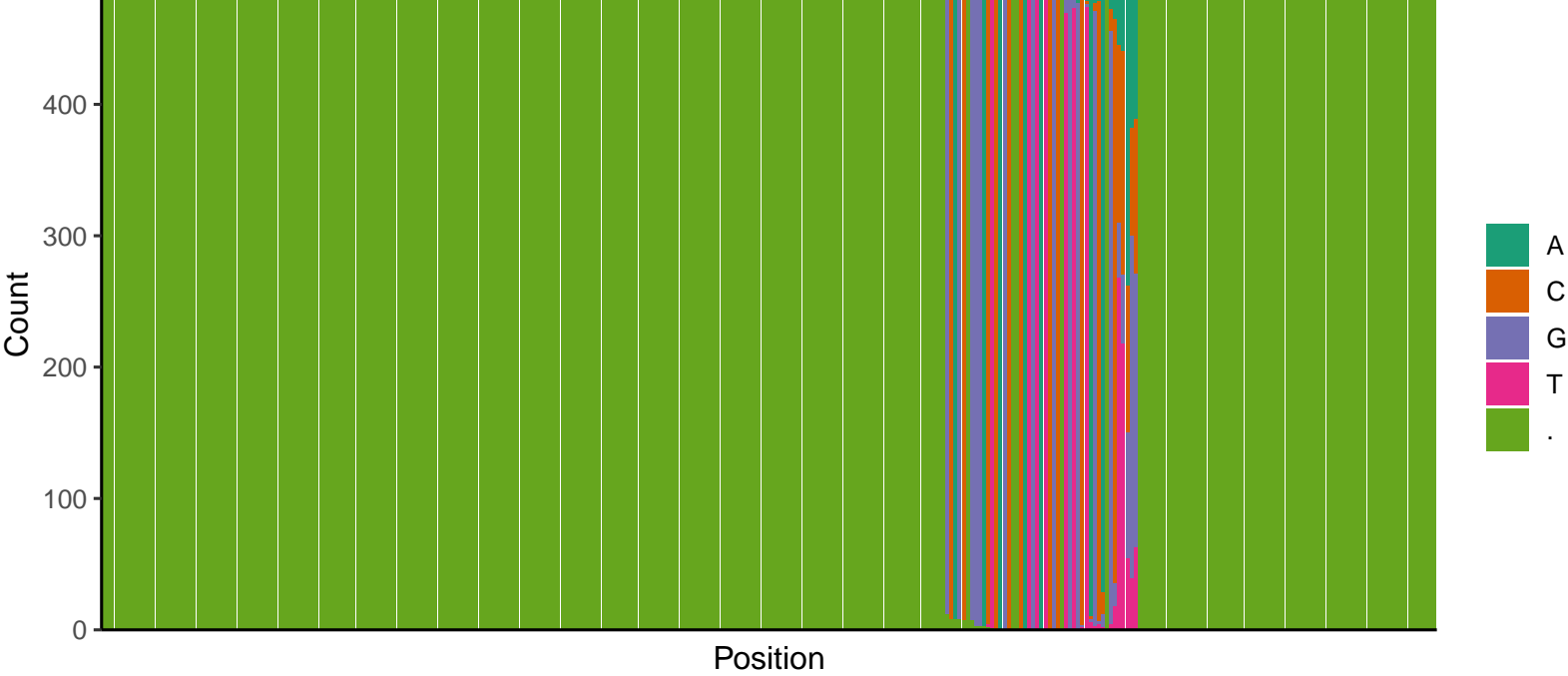
Gene TRBV7-7*ap01_C315T



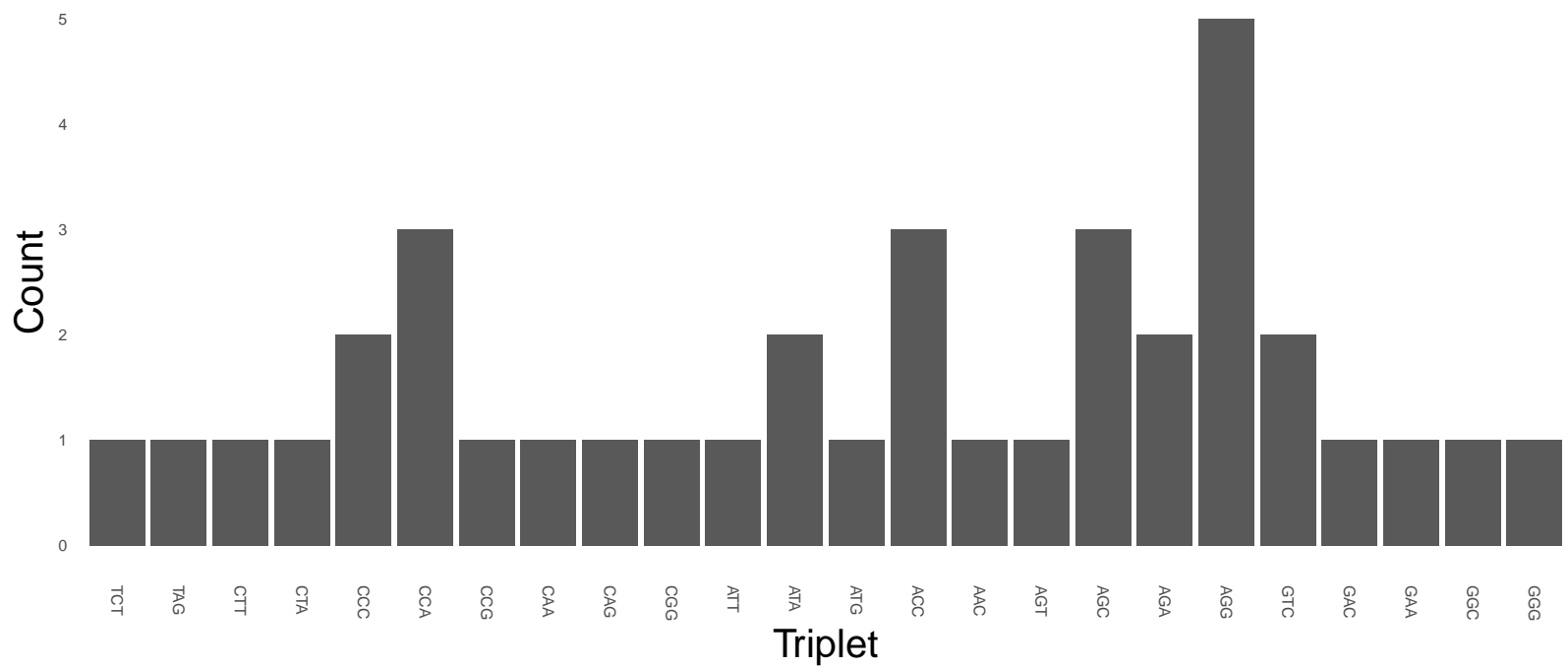
Gene TRBV7-1*ap01_G291C_T296C



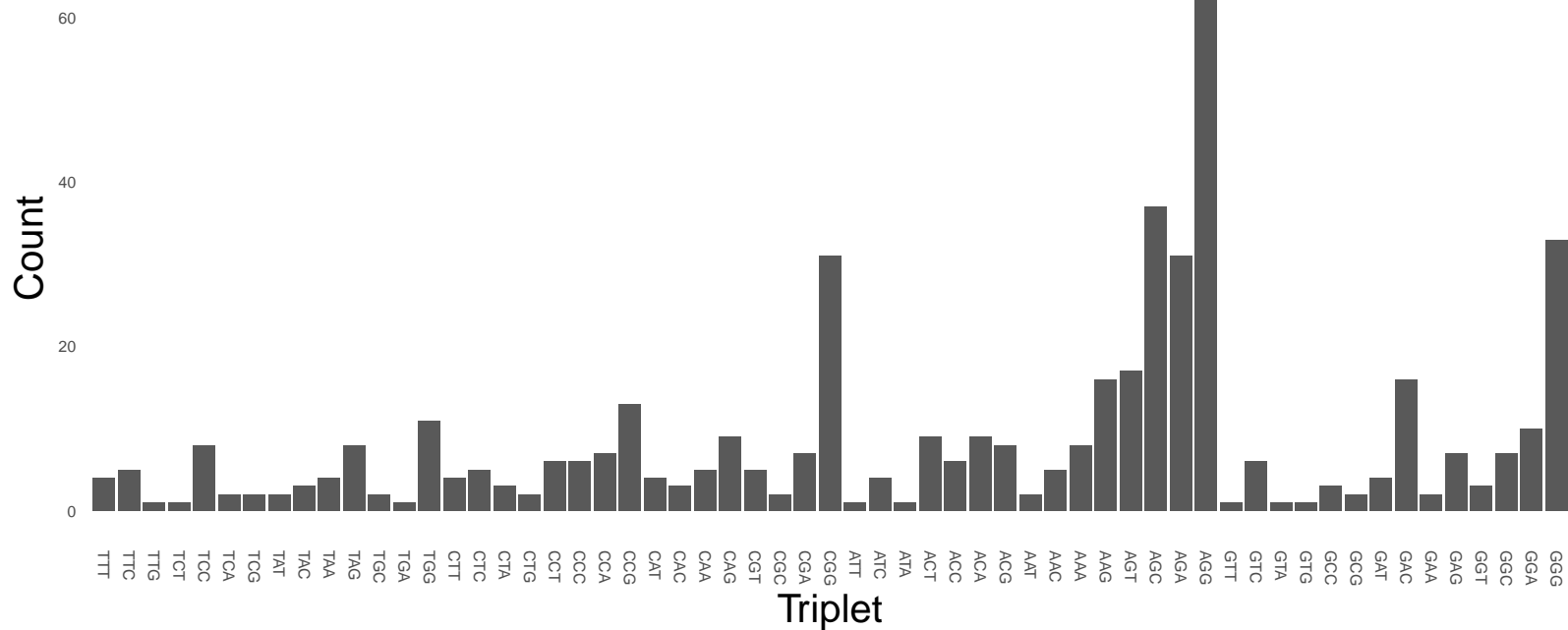
Gene TRBV7-7*ap01_C315T



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

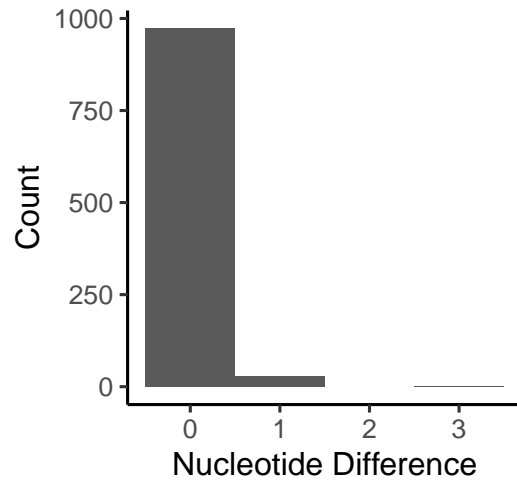


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



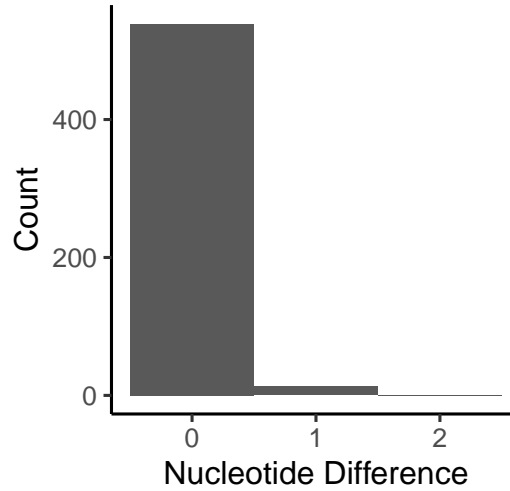
TRBV10-1*ap01

1002 sequences assigned
973 (97.1%) exact matches, in which:
952 unique CDR3
13 unique J



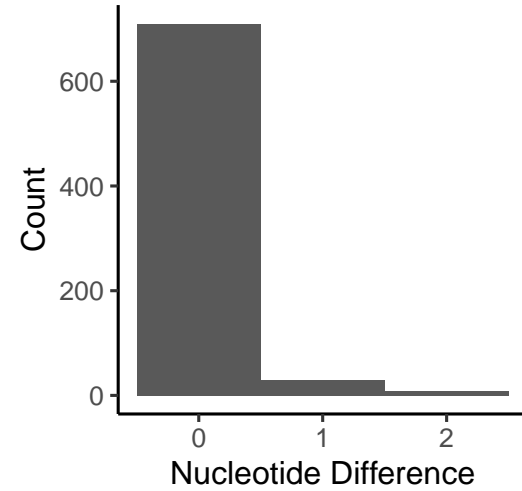
TRBV10-2*ap01

553 sequences assigned
539 (97.5%) exact matches, in which:
530 unique CDR3
13 unique J



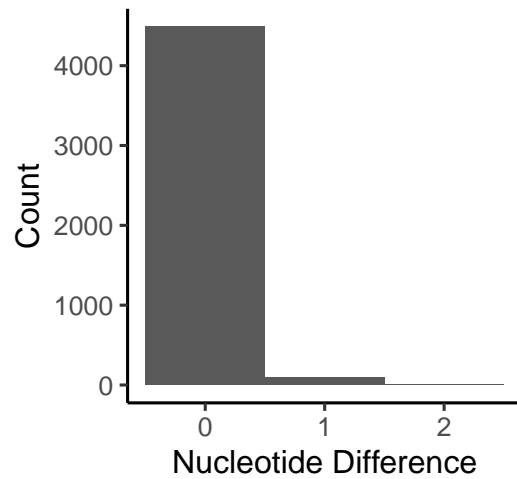
TRBV13*ap01

748 sequences assigned
710 (94.9%) exact matches, in which:
700 unique CDR3
13 unique J



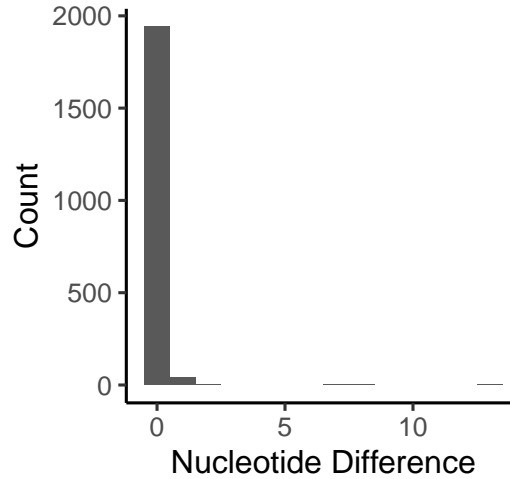
TRBV20-1*ap01

4581 sequences assigned
4488 (98%) exact matches, in which:
4347 unique CDR3
13 unique J



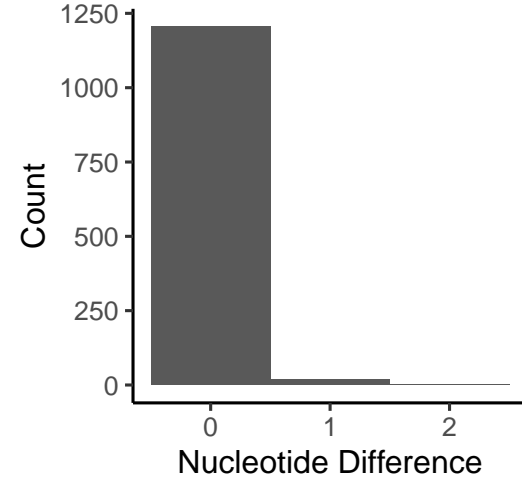
TRBV10-3*ap01

1984 sequences assigned
1941 (97.8%) exact matches, in which:
1905 unique CDR3
13 unique J



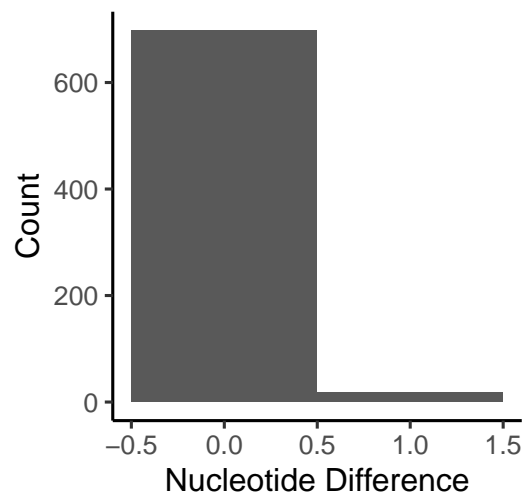
TRBV14*ap01

1226 sequences assigned
1205 (98.3%) exact matches, in which:
1186 unique CDR3
13 unique J



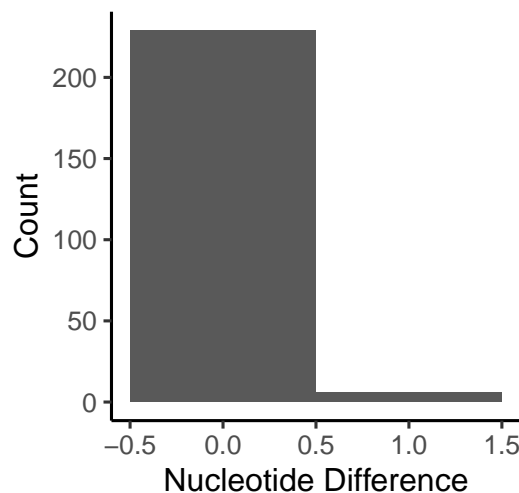
TRBV20-1*ap02

716 sequences assigned
698 (97.5%) exact matches, in which:
662 unique CDR3
13 unique J



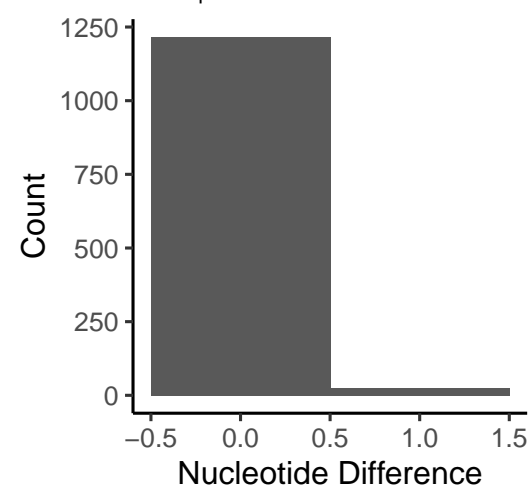
TRBV1*ap01

235 sequences assigned
229 (97.4%) exact matches, in which:
225 unique CDR3
13 unique J



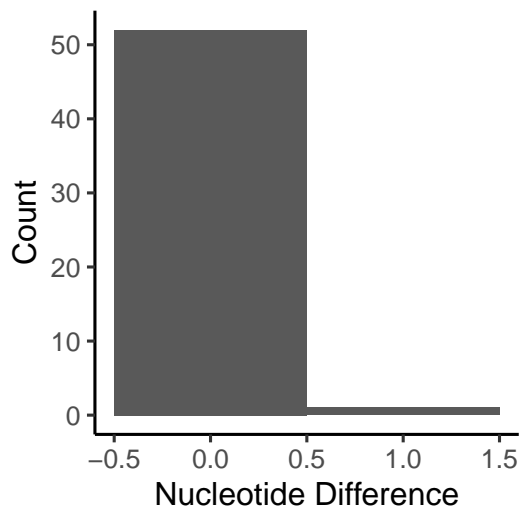
TRBV15*ap02

1240 sequences assigned
1216 (98.1%) exact matches, in which:
1194 unique CDR3
13 unique J



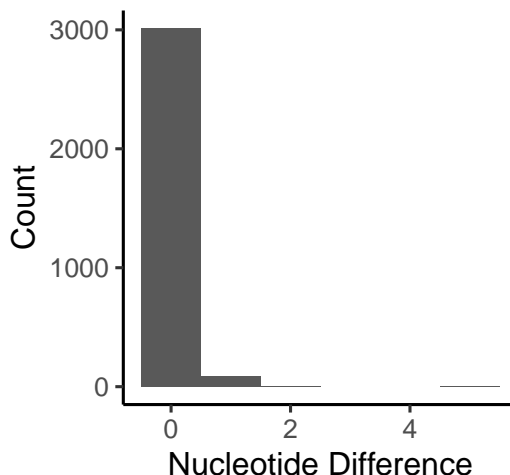
TRBV16*ap01

53 sequences assigned
52 (98.1%) exact matches, in which:
52 unique CDR3
11 unique J



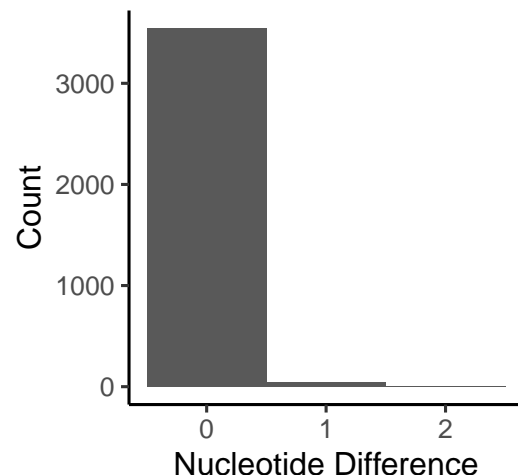
TRBV2*ap01

3101 sequences assigned
3012 (97.1%) exact matches, in which:
2975 unique CDR3
13 unique J



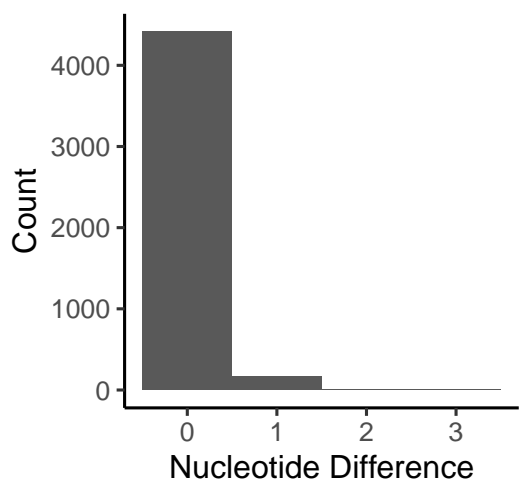
TRBV28*ap01

3595 sequences assigned
3543 (98.6%) exact matches, in which:
3480 unique CDR3
13 unique J



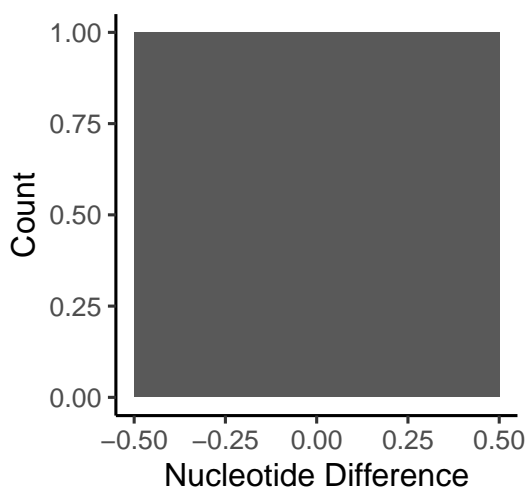
TRBV18*ap01

4581 sequences assigned
4414 (96.4%) exact matches, in which:
4285 unique CDR3
13 unique J



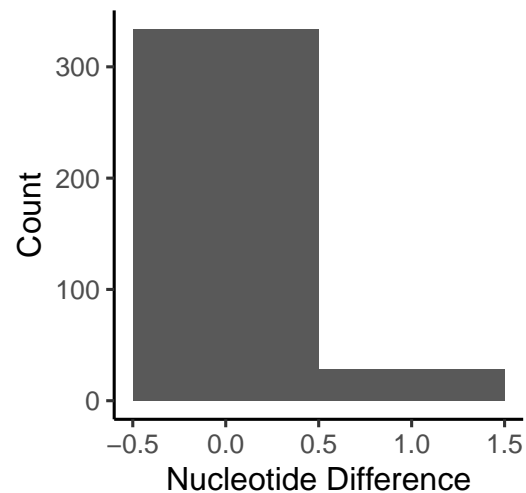
TRBV26*ap01

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



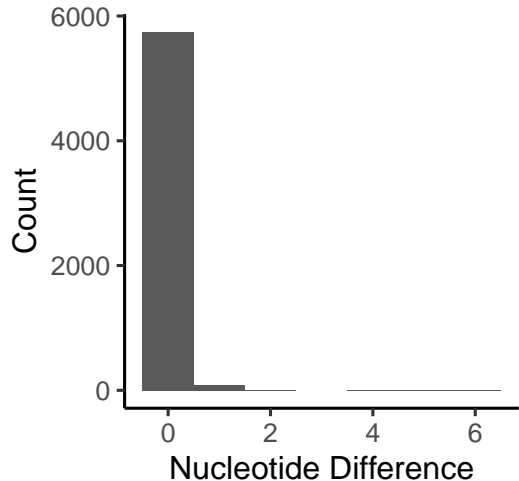
TRBV30*ap02

362 sequences assigned
334 (92.3%) exact matches, in which:
317 unique CDR3
13 unique J



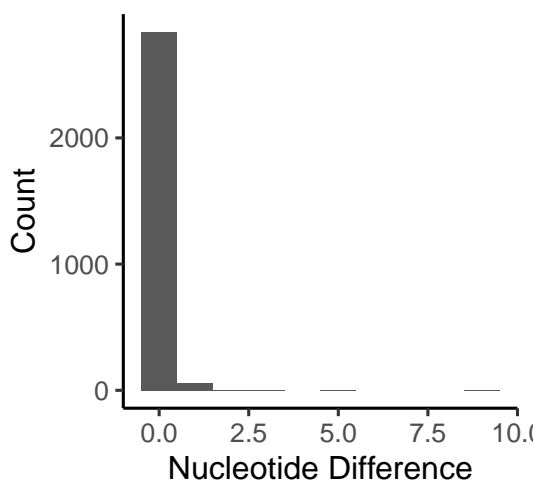
TRBV19*ap01

5833 sequences assigned
5743 (98.5%) exact matches, in which:
5638 unique CDR3
14 unique J



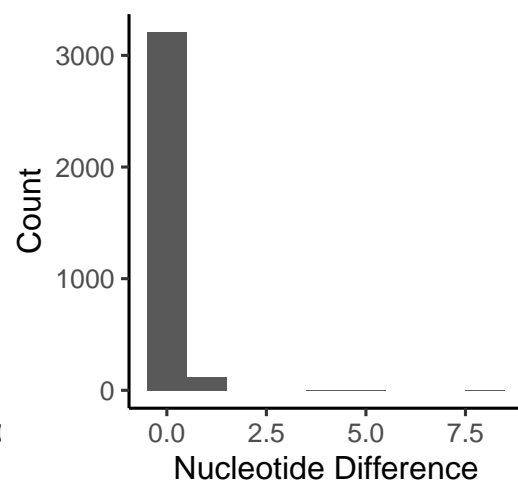
TRBV27*ap01

2904 sequences assigned
2839 (97.8%) exact matches, in which:
2790 unique CDR3
13 unique J



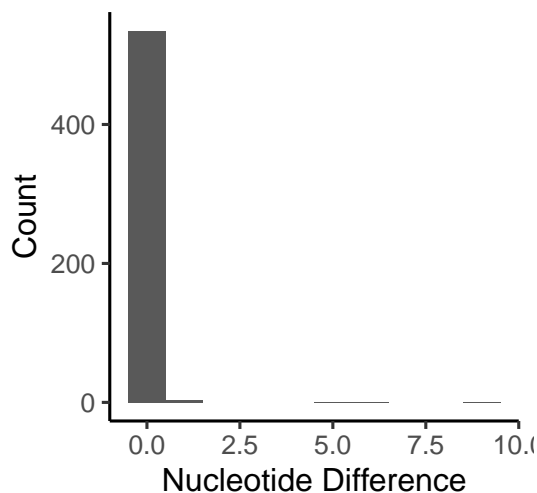
TRBV9*ap01

3329 sequences assigned
3209 (96.4%) exact matches, in which:
3158 unique CDR3
13 unique J



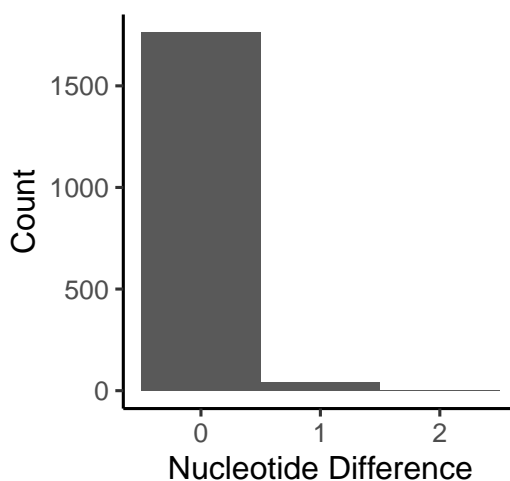
TRBV21-1*ap01

542 sequences assigned
535 (98.7%) exact matches, in which:
534 unique CDR3
13 unique J



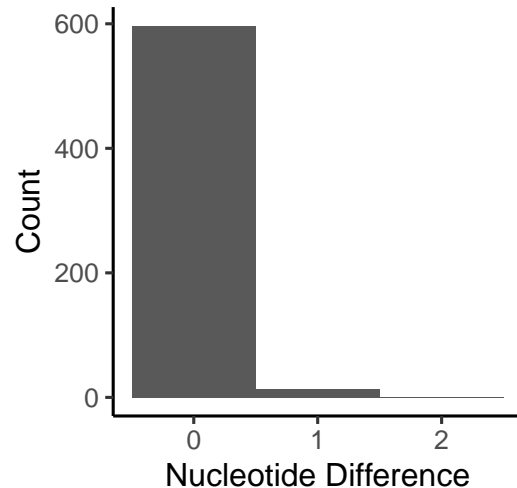
TRBV11-3*ap01

1808 sequences assigned
1763 (97.5%) exact matches, in which:
1733 unique CDR3
13 unique J



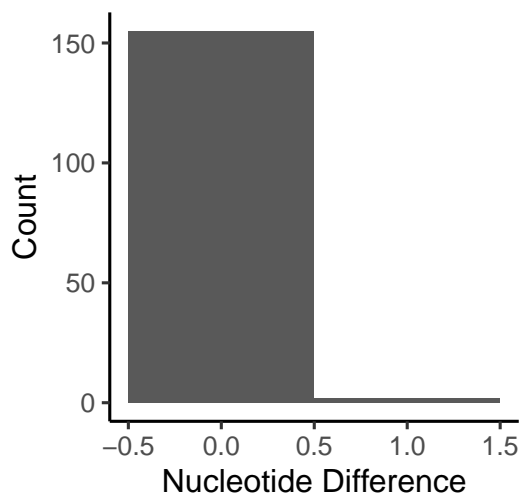
TRBV12-5*ap01

612 sequences assigned
597 (97.5%) exact matches, in which:
588 unique CDR3
13 unique J



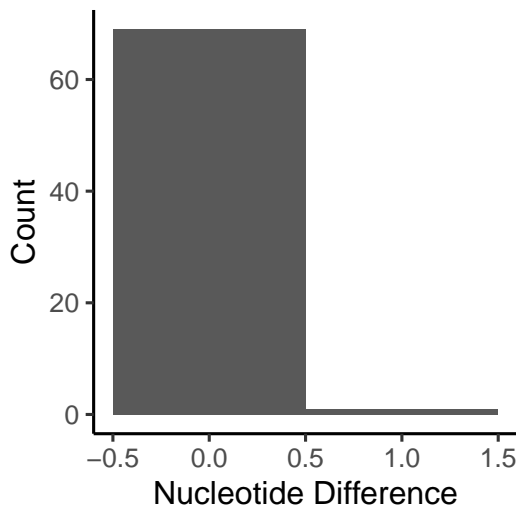
TRBV11-1*ap01

157 sequences assigned
155 (98.7%) exact matches, in which:
150 unique CDR3
12 unique J



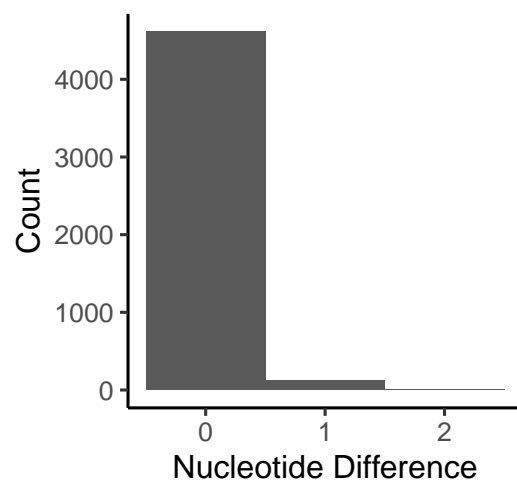
TRBV12-1*ap01

70 sequences assigned
69 (98.6%) exact matches, in which:
68 unique CDR3
11 unique J



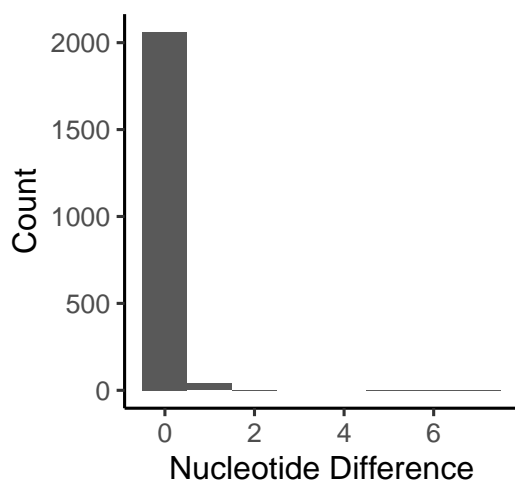
TRBV12-34*ap01

4733 sequences assigned
4613 (97.5%) exact matches, in which:
4540 unique CDR3
13 unique J



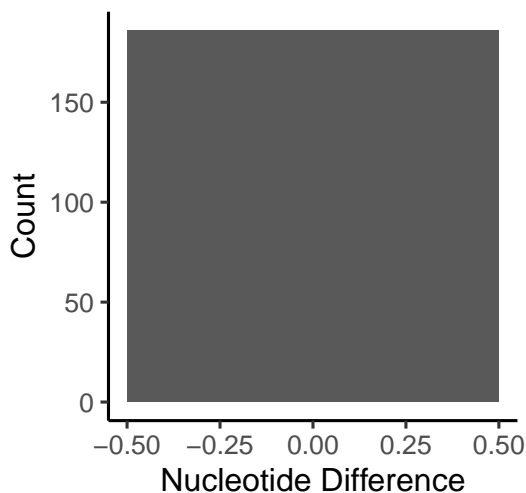
TRBV11-2*ap01

2104 sequences assigned
2061 (98%) exact matches, in which:
2030 unique CDR3
13 unique J



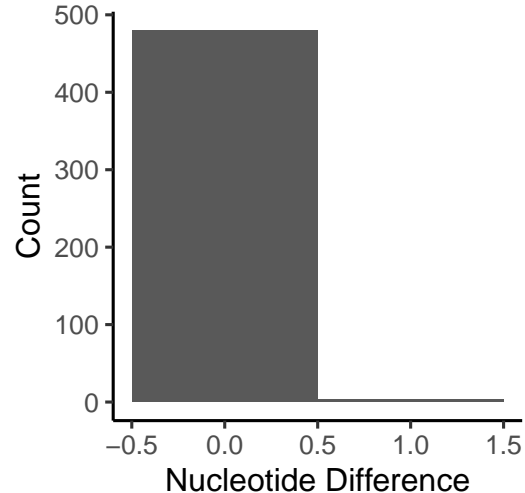
TRBV12-2*ap01

186 sequences assigned
186 (100%) exact matches, in which:
184 unique CDR3
13 unique J



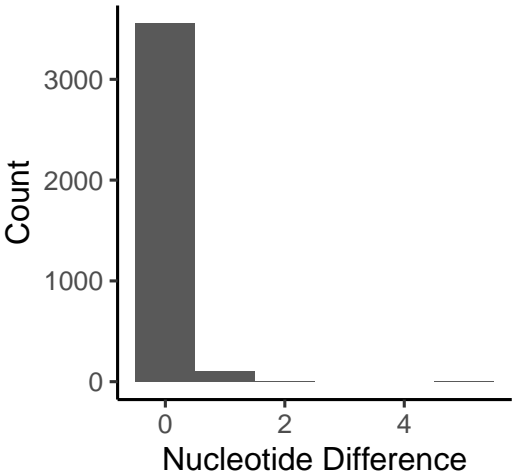
TRBV23-1*ap01

483 sequences assigned
480 (99.4%) exact matches, in which:
476 unique CDR3
13 unique J



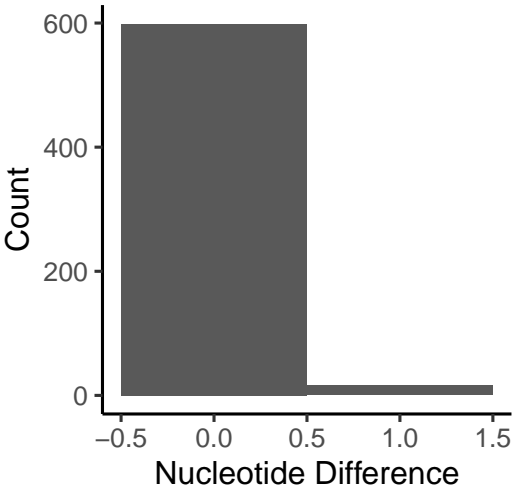
TRBV3-12*ap01

3659 sequences assigned
3555 (97.2%) exact matches, in which:
3513 unique CDR3
13 unique J



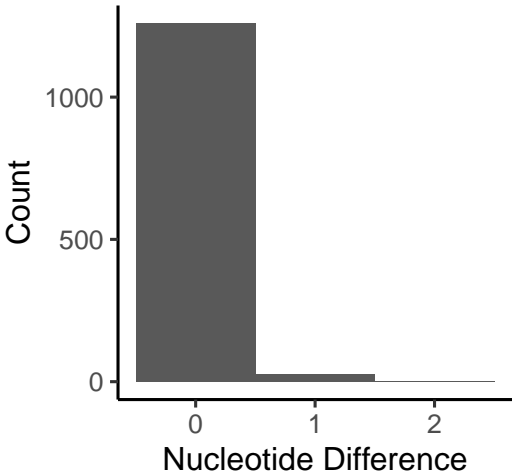
TRBV4-2*ap01

615 sequences assigned
599 (97.4%) exact matches, in which:
584 unique CDR3
13 unique J



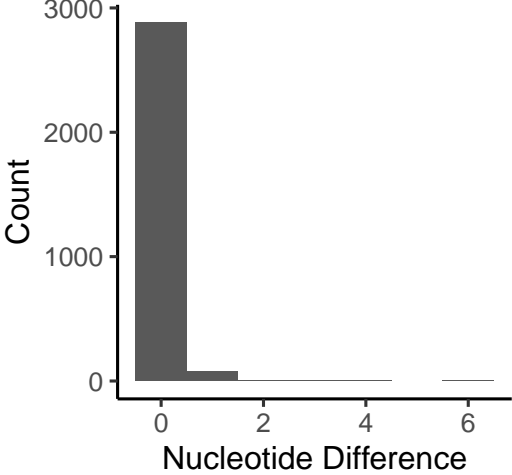
TRBV25-1*ap01

1286 sequences assigned
1259 (97.9%) exact matches, in which:
1218 unique CDR3
13 unique J



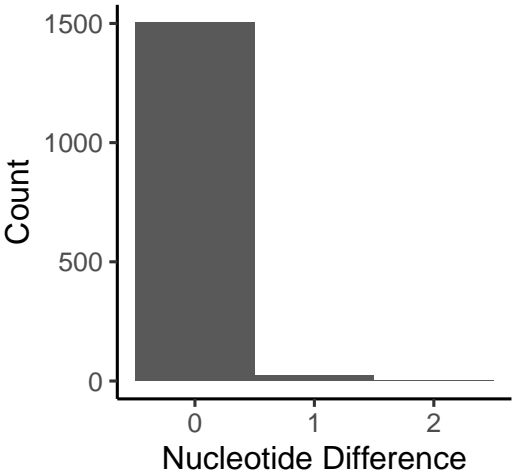
TRBV24-1*ap01

2961 sequences assigned
2881 (97.3%) exact matches, in which:
2822 unique CDR3
13 unique J



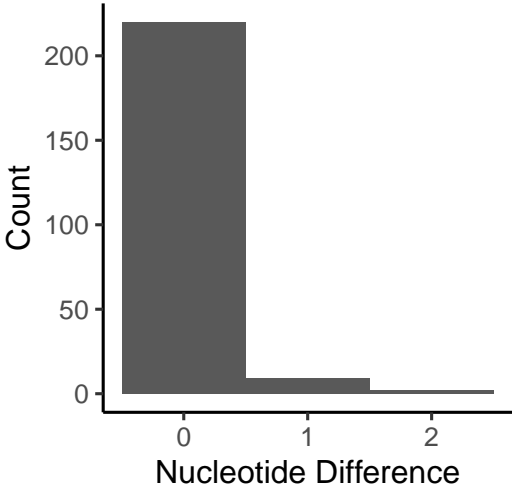
TRBV4-3*ap01

1525 sequences assigned
1503 (98.6%) exact matches, in which:
1468 unique CDR3
13 unique J



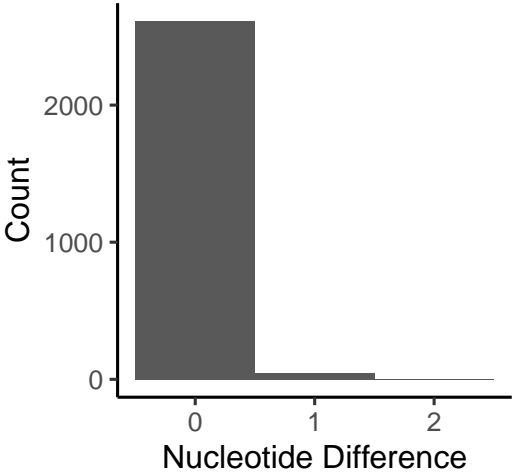
TRBV5-3*ap01

231 sequences assigned
220 (95.2%) exact matches, in which:
213 unique CDR3
13 unique J



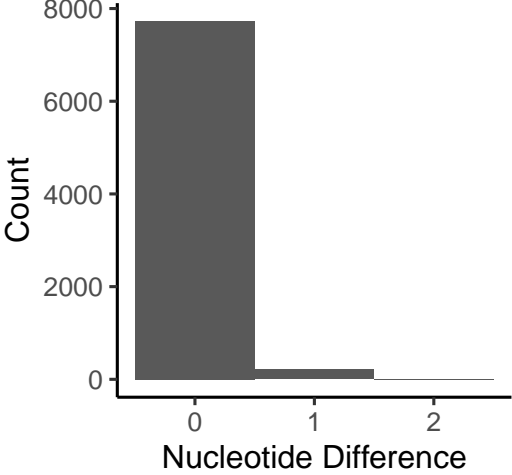
TRBV4-1*ap01

2664 sequences assigned
2613 (98.1%) exact matches, in which:
2544 unique CDR3
13 unique J



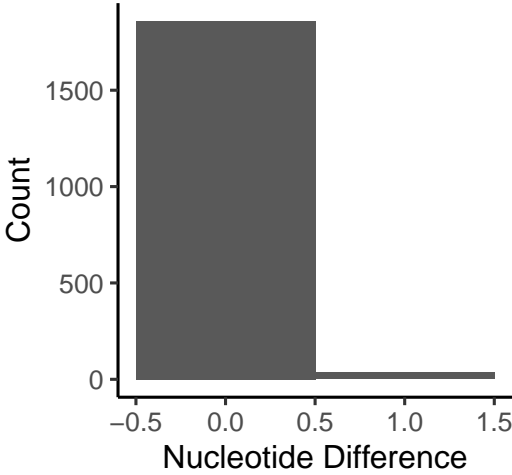
TRBV5-1*ap01

7945 sequences assigned
7730 (97.3%) exact matches, in which:
7495 unique CDR3
13 unique J



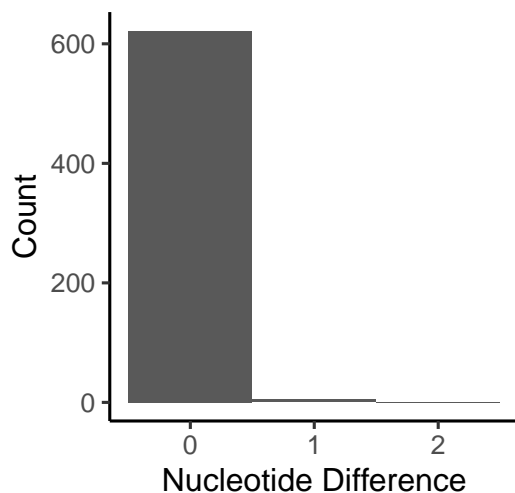
TRBV5-4*ap01

1895 sequences assigned
1859 (98.1%) exact matches, in which:
1825 unique CDR3
13 unique J



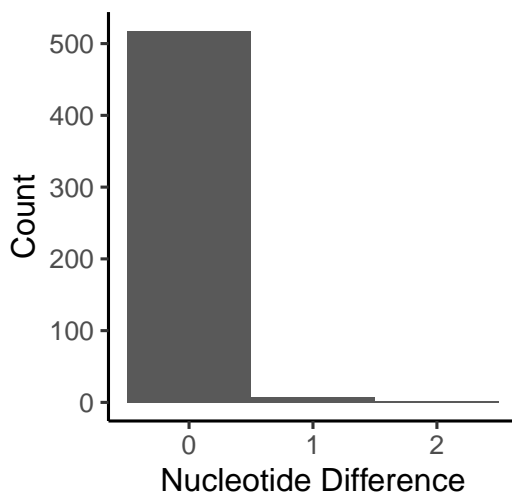
TRBV5-5*ap01

628 sequences assigned
622 (99%) exact matches, in which:
615 unique CDR3
13 unique J



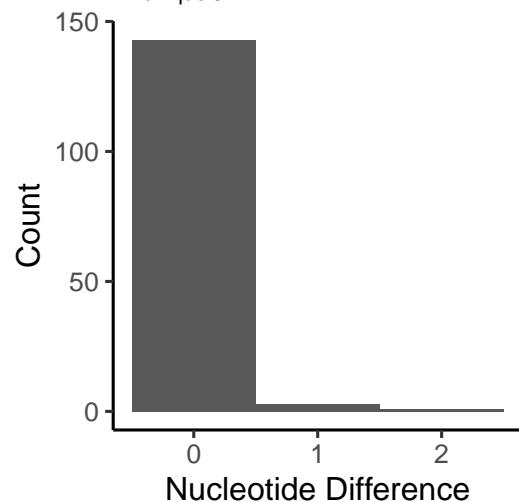
TRBV5-8*ap01

528 sequences assigned
518 (98.1%) exact matches, in which:
512 unique CDR3
13 unique J



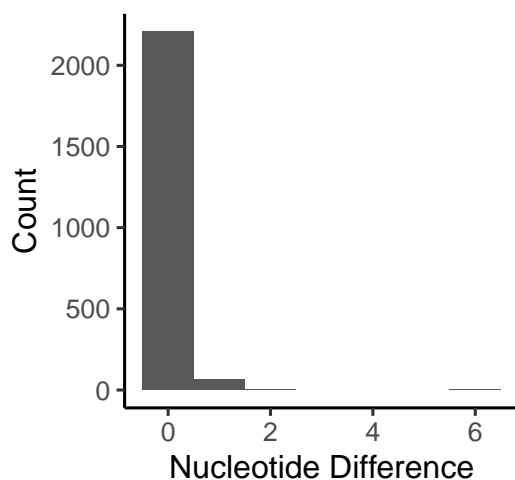
TRBV6-7*ap01

147 sequences assigned
143 (97.3%) exact matches, in which:
138 unique CDR3
12 unique J



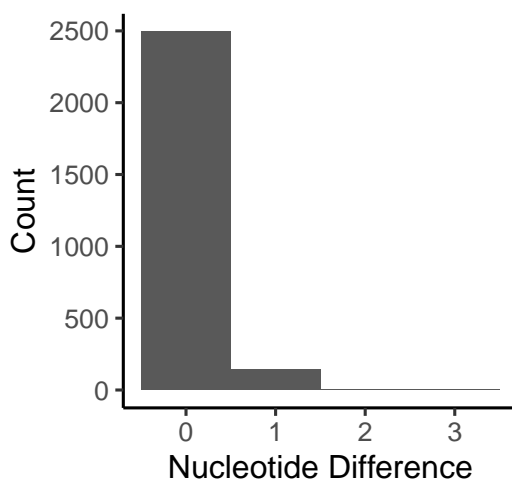
TRBV5-6*ap01

2276 sequences assigned
2207 (97%) exact matches, in which:
2094 unique CDR3
13 unique J



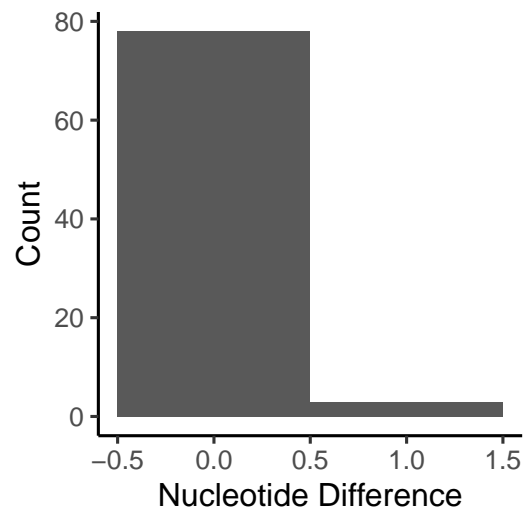
TRBV6-1*ap01

2644 sequences assigned
2494 (94.3%) exact matches, in which:
2435 unique CDR3
13 unique J



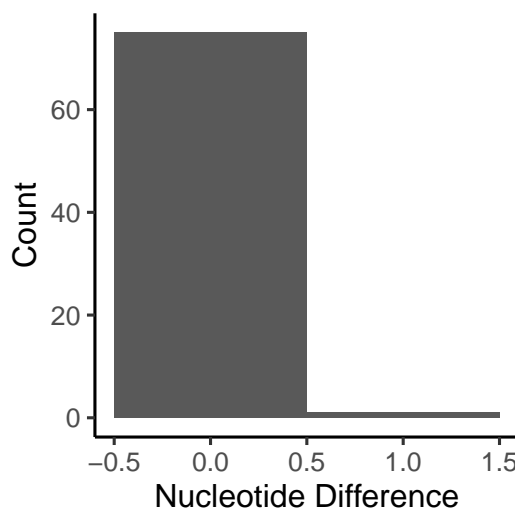
TRBV6-8*ap01

81 sequences assigned
78 (96.3%) exact matches, in which:
78 unique CDR3
13 unique J



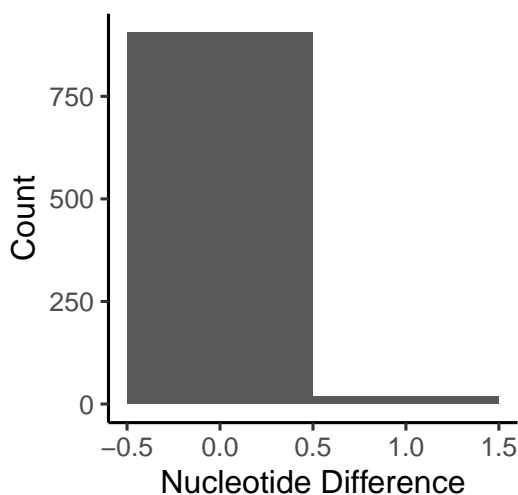
TRBV5-7*ap01

76 sequences assigned
75 (98.7%) exact matches, in which:
66 unique CDR3
11 unique J



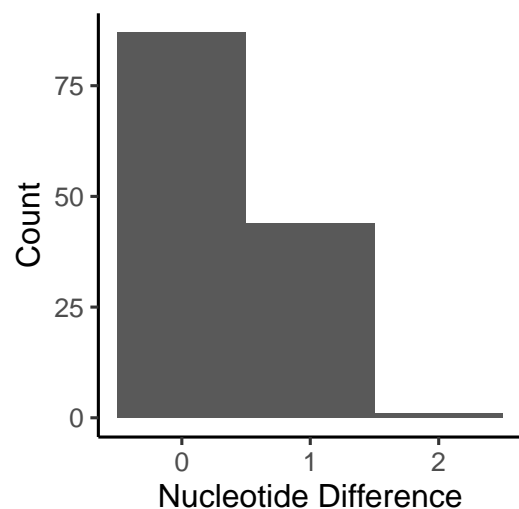
TRBV6-4*ap01

925 sequences assigned
906 (97.9%) exact matches, in which:
886 unique CDR3
13 unique J



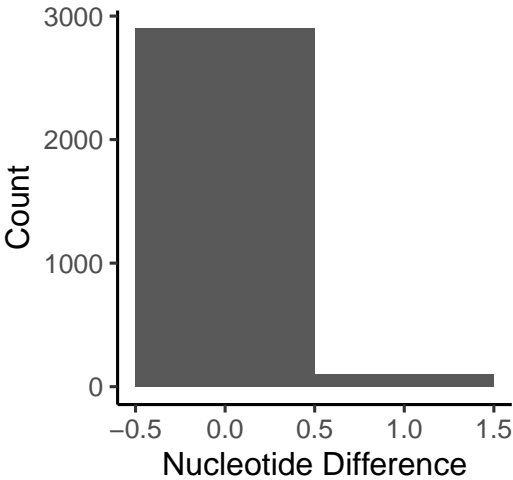
TRBV6-9*ap01

132 sequences assigned
87 (65.9%) exact matches, in which:
83 unique CDR3
12 unique J



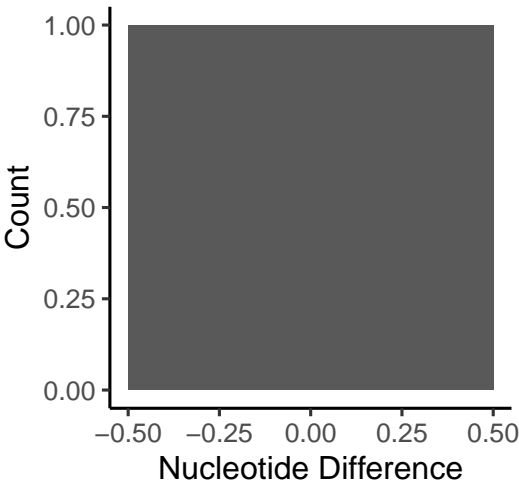
TRBV6-23*ap01

3003 sequences assigned
2900 (96.6%) exact matches, in which:
2821 unique CDR3
13 unique J



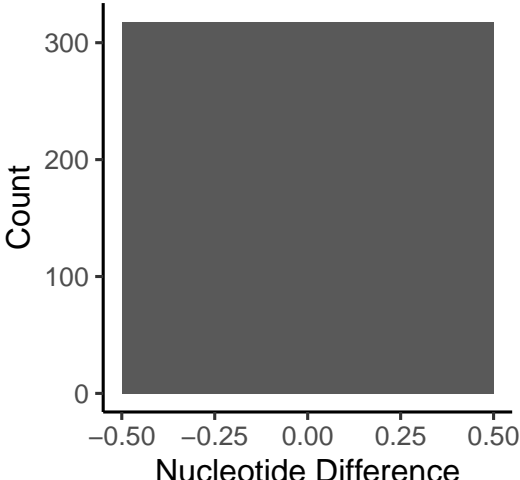
TRBV7-1*ap01

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



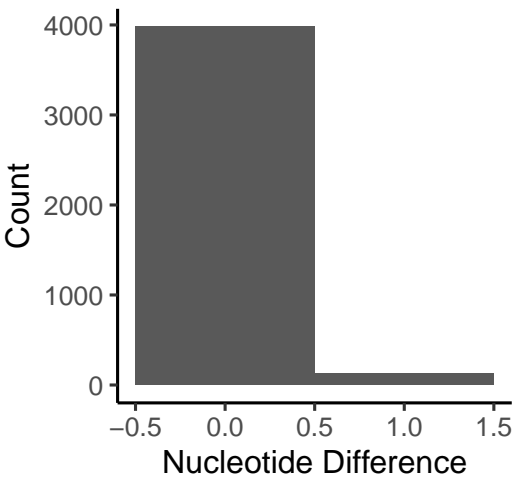
TRBV7-3*ap02

318 sequences assigned
318 (100%) exact matches, in which:
312 unique CDR3
13 unique J



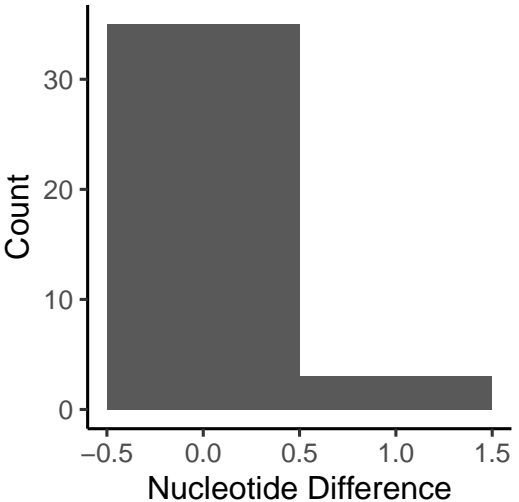
TRBV6-56*ap01

4109 sequences assigned
3980 (96.9%) exact matches, in which:
3874 unique CDR3
13 unique J



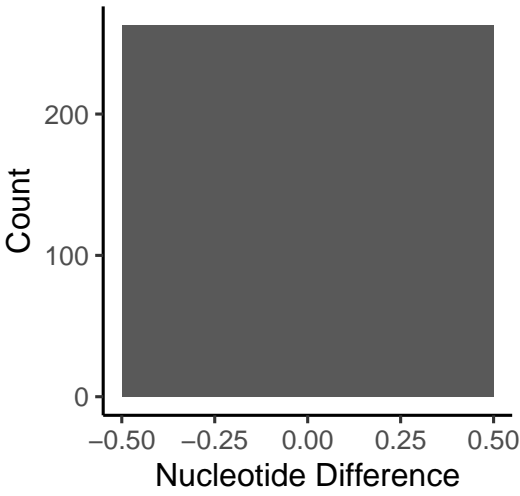
TRBV7-1*ap01_G291C_T

38 sequences assigned
35 (92.1%) exact matches, in which:
35 unique CDR3
12 unique J



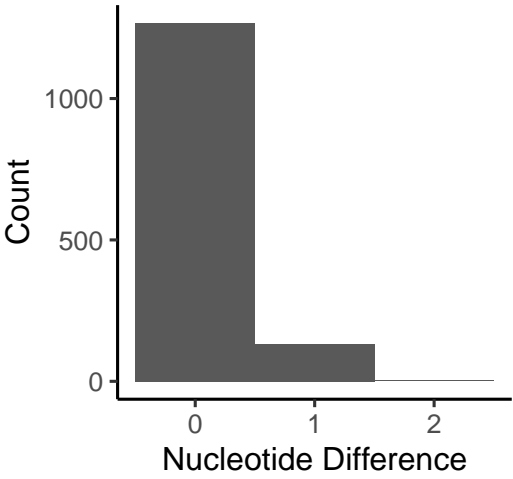
TRBV7-3*ap03

263 sequences assigned
263 (100%) exact matches, in which:
259 unique CDR3
13 unique J



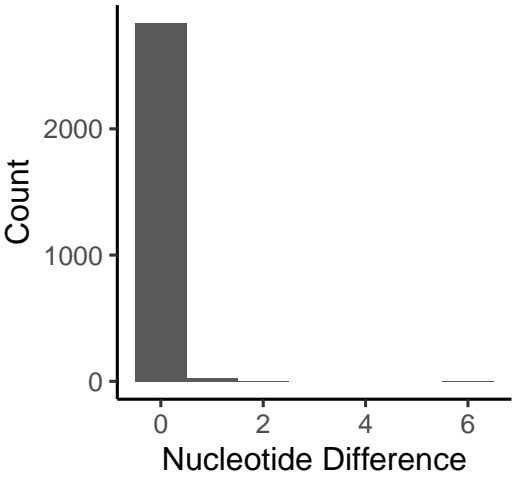
TRBV6-56*ap02

1401 sequences assigned
1267 (90.4%) exact matches, in which:
1234 unique CDR3
13 unique J



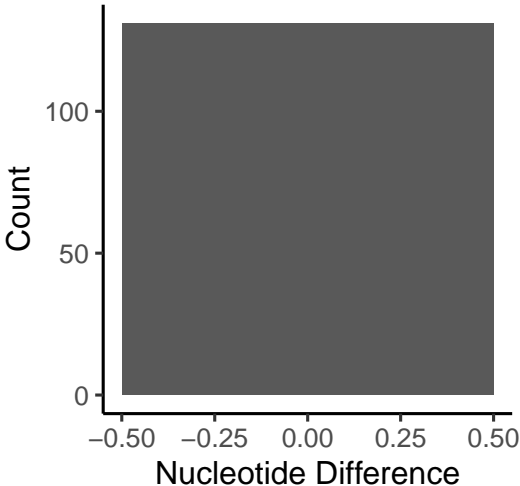
TRBV7-2*ap01

2869 sequences assigned
2838 (98.9%) exact matches, in which:
2793 unique CDR3
13 unique J



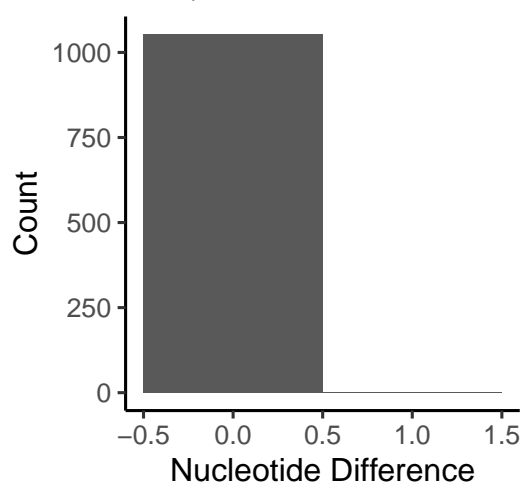
TRBV7-4*ap01

131 sequences assigned
131 (100%) exact matches, in which:
129 unique CDR3
13 unique J



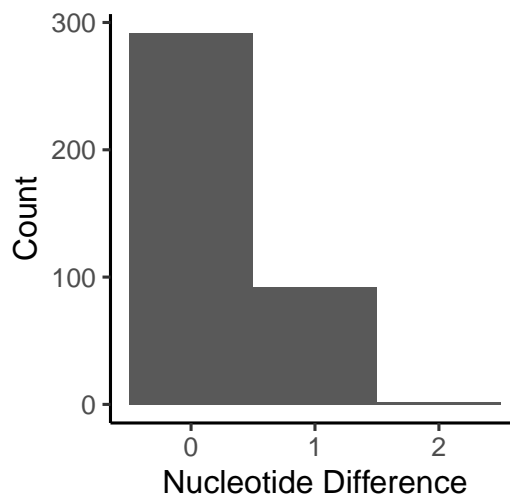
TRBV7-6*ap01

1055 sequences assigned
1053 (99.8%) exact matches, in which:
1028 unique CDR3
13 unique J



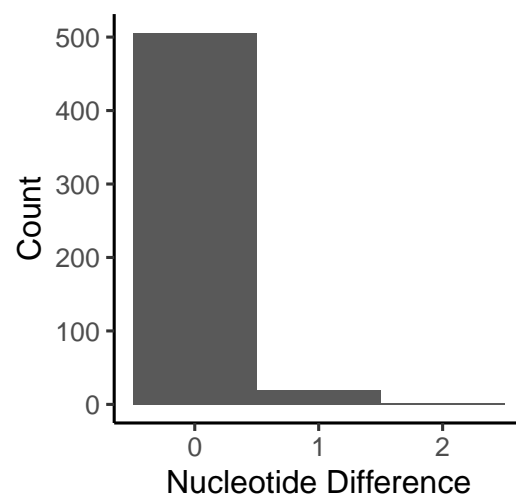
TRBV7-8*ap03

386 sequences assigned
292 (75.6%) exact matches, in which:
290 unique CDR3
13 unique J



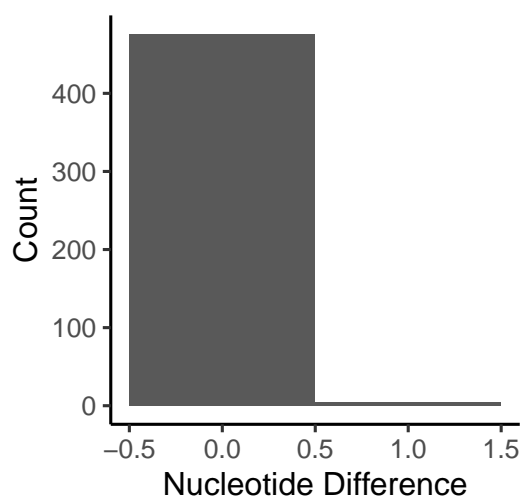
TRBV29-1*ap02

528 sequences assigned
506 (95.8%) exact matches, in which:
464 unique CDR3
13 unique J



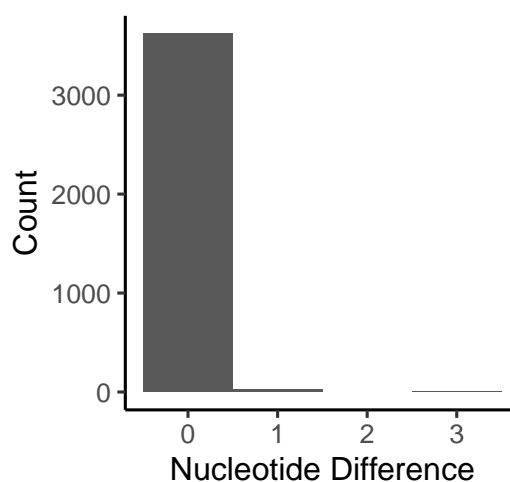
TRBV7-7*ap01_C315T

480 sequences assigned
476 (99.2%) exact matches, in which:
458 unique CDR3
13 unique J



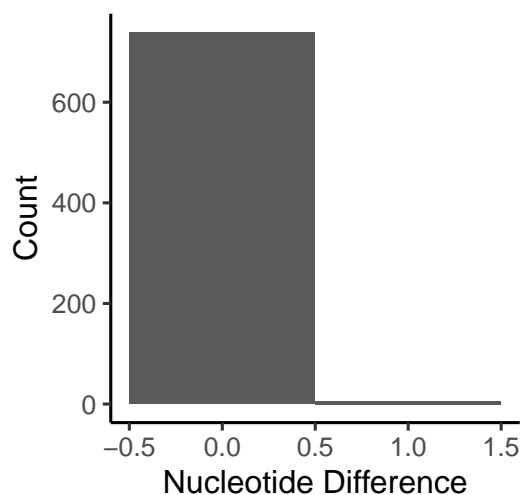
TRBV7-9*ap01

3649 sequences assigned
3621 (99.2%) exact matches, in which:
3554 unique CDR3
13 unique J



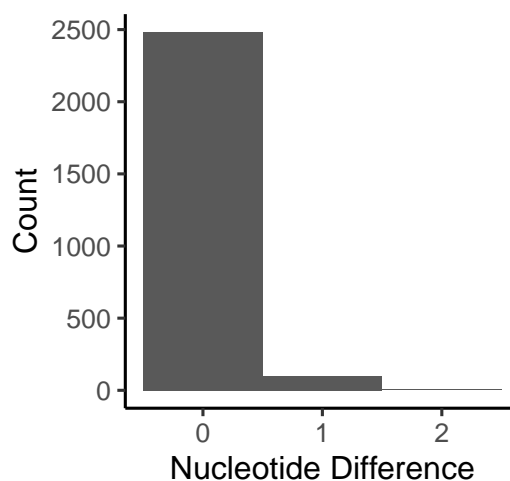
TRBV7-8*ap01

745 sequences assigned
739 (99.2%) exact matches, in which:
728 unique CDR3
13 unique J

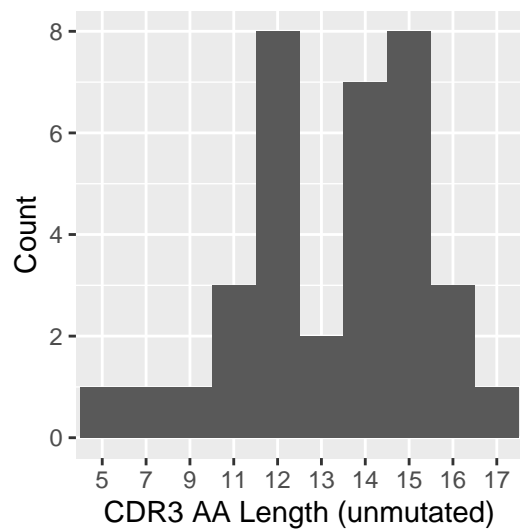


TRBV29-1*ap01

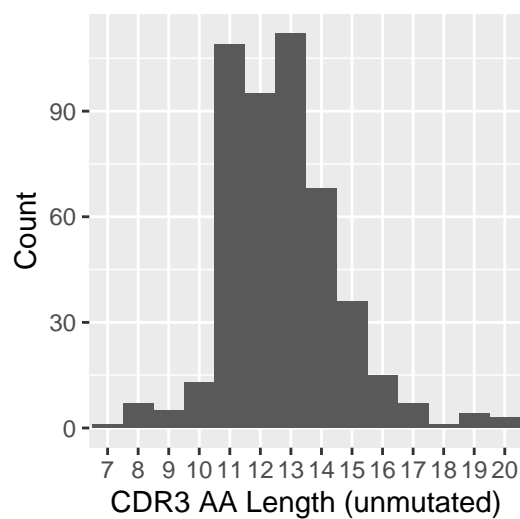
2589 sequences assigned
2483 (95.9%) exact matches, in which:
2320 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.