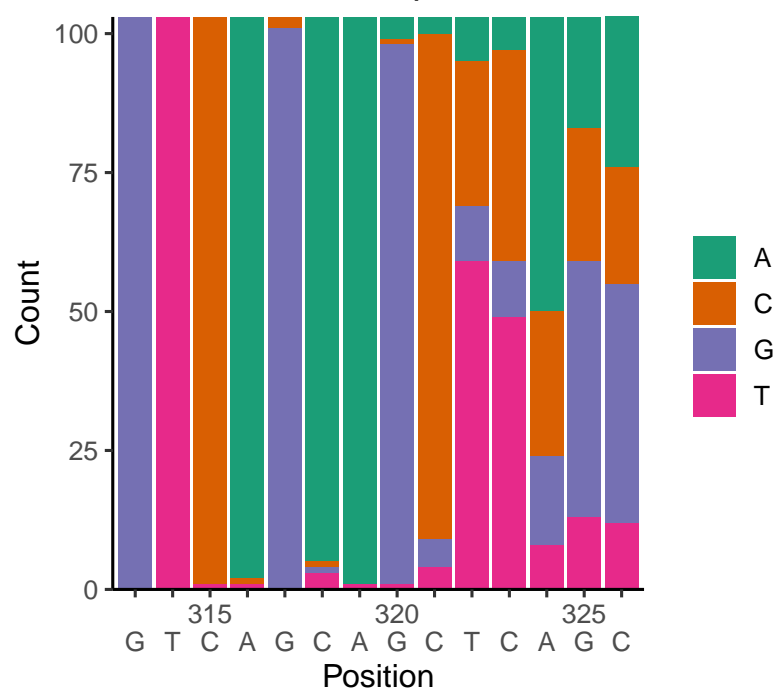
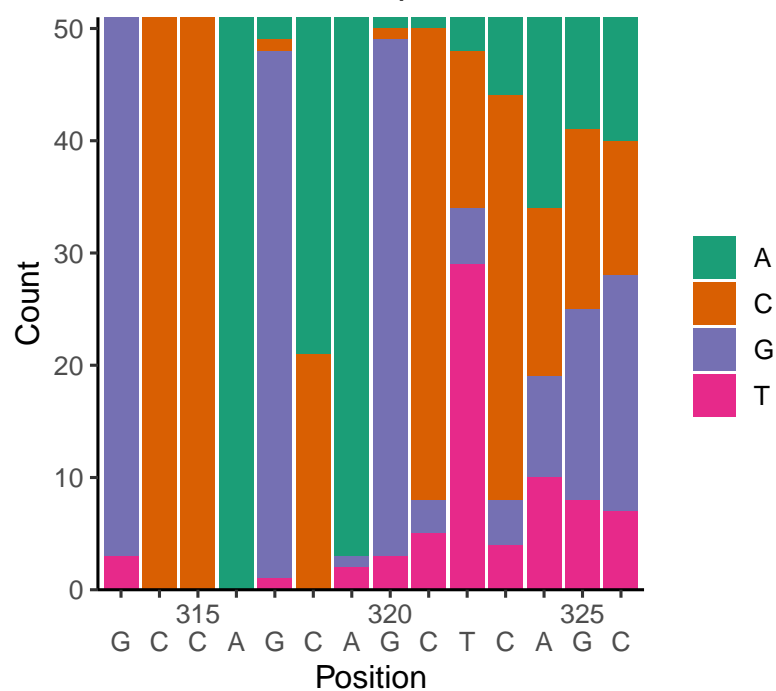


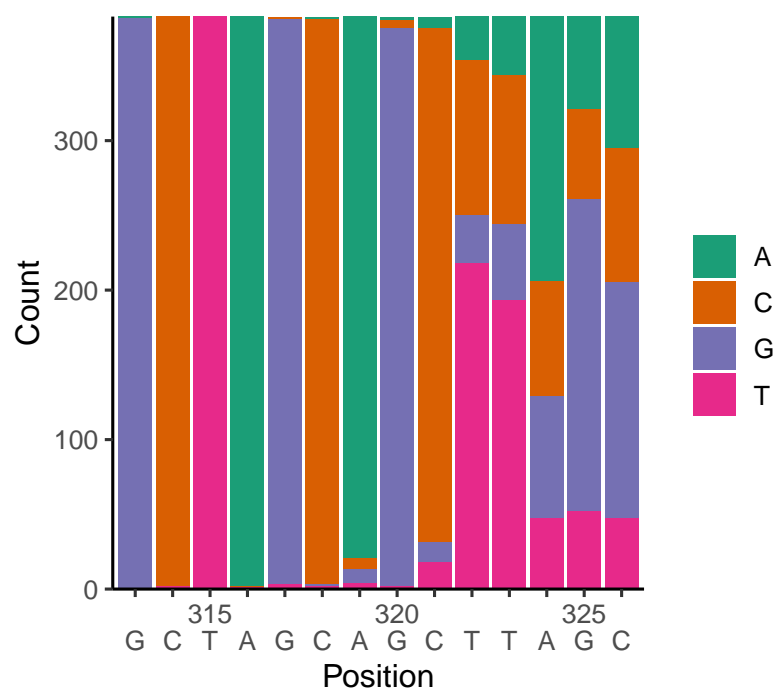
Gene TRBV7-1*ap01_T296C_C314T



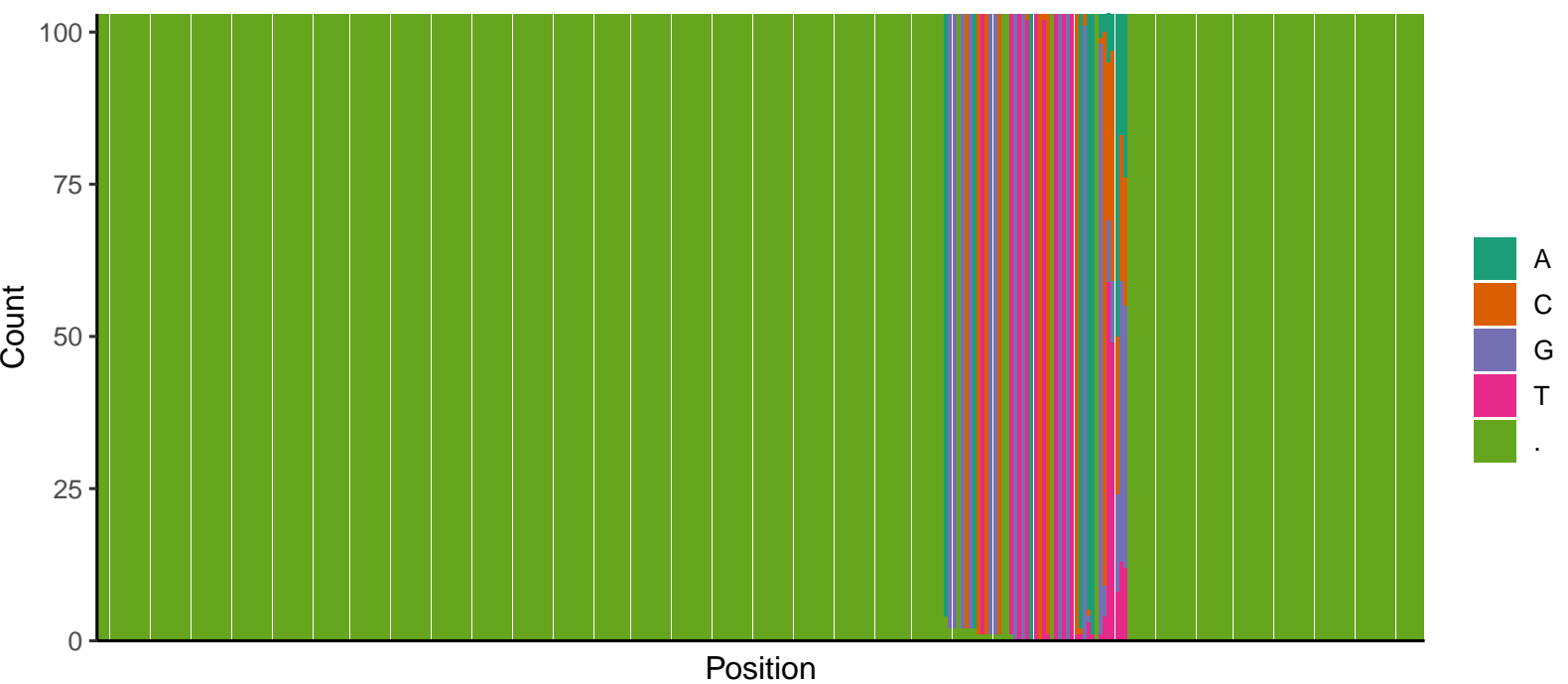
Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_T296C_C314T



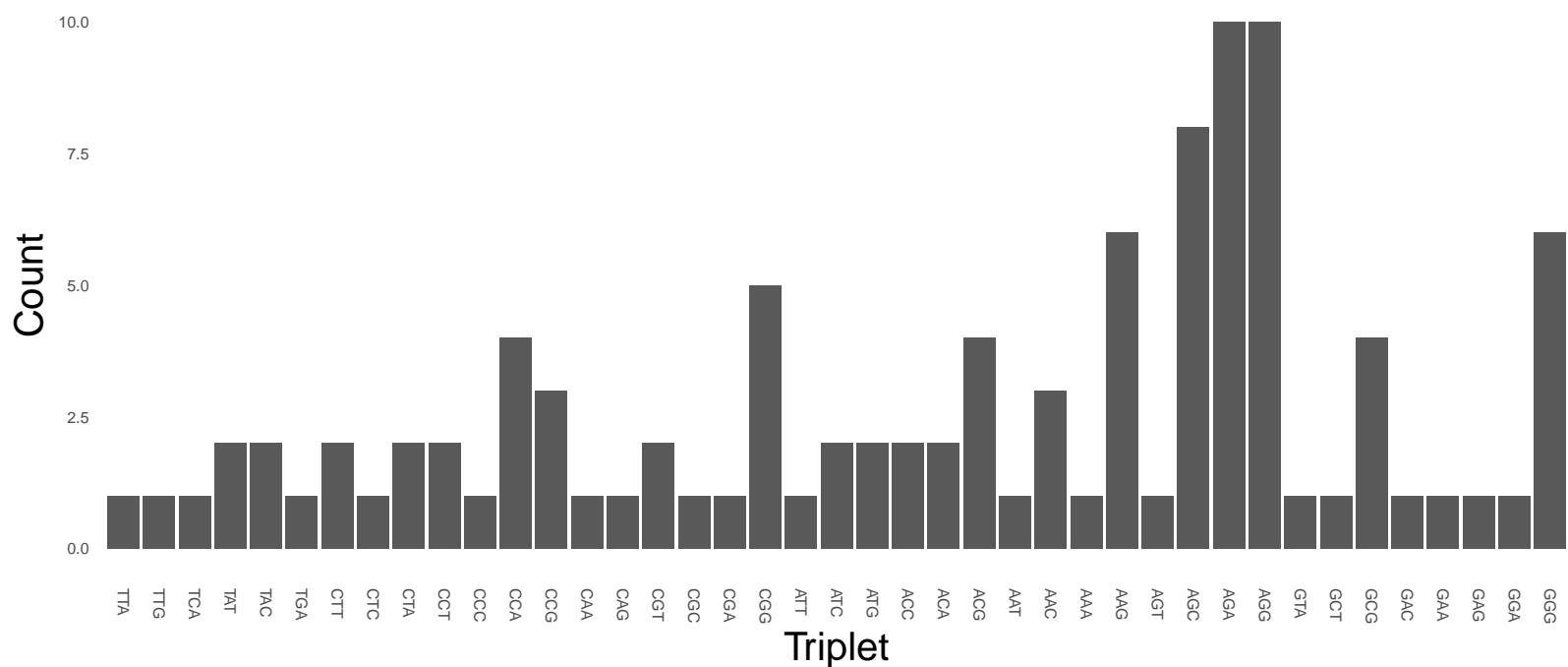
Gene TRBV7-1*ap01_T296C



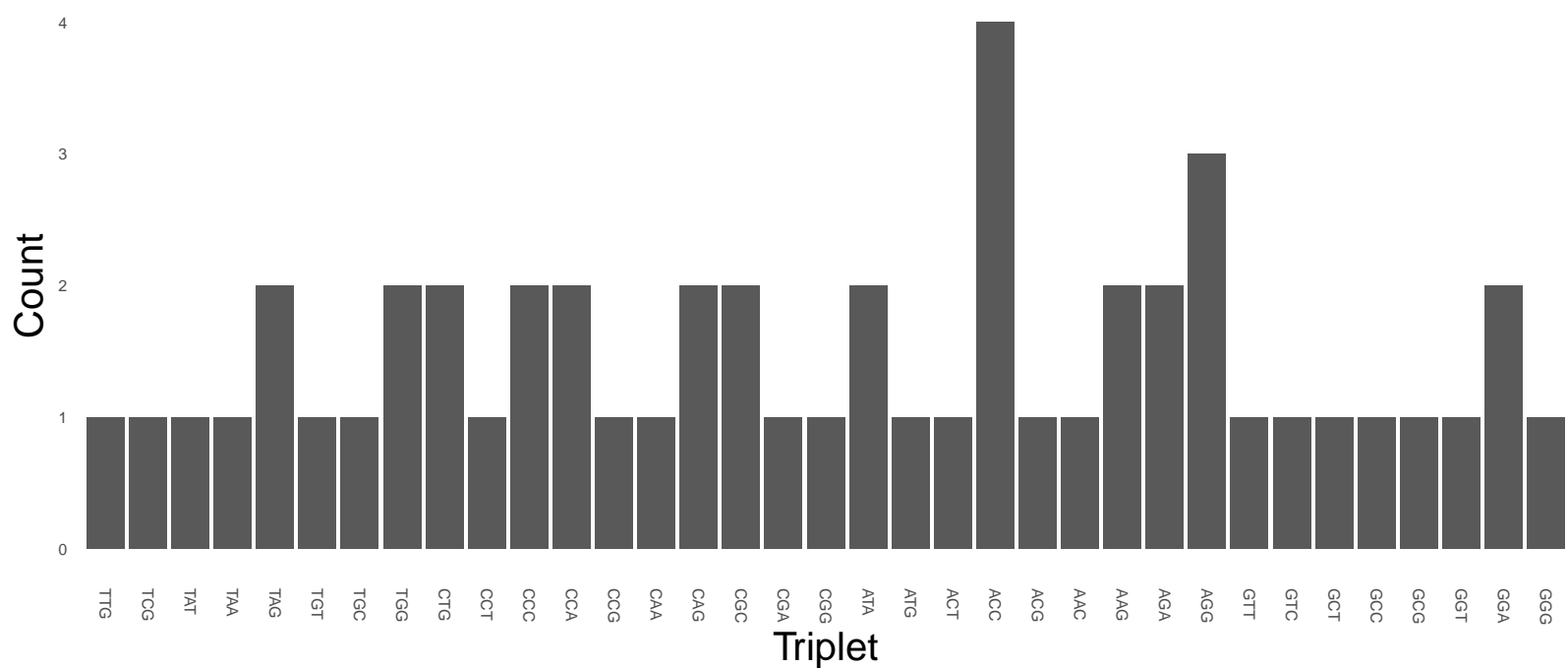
Gene TRBV7-7*ap01_C315T



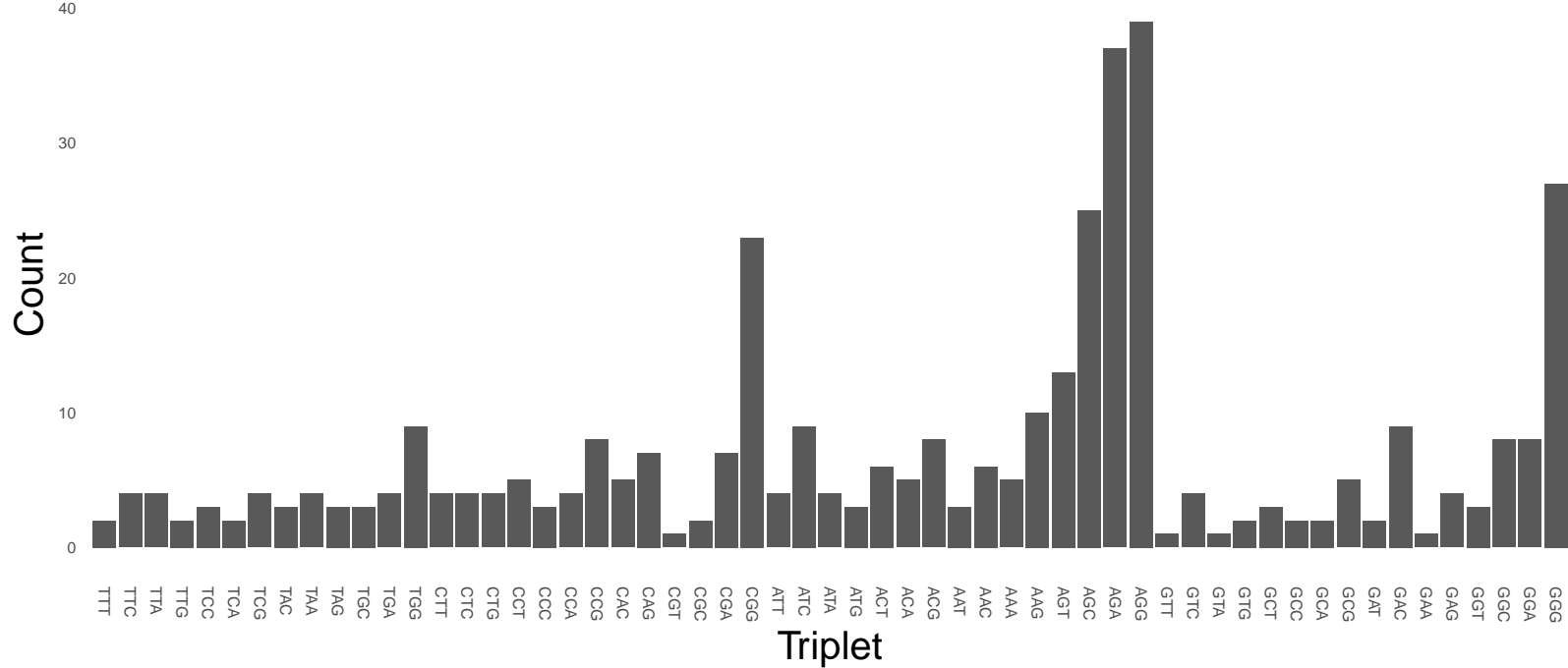
TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet



TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet

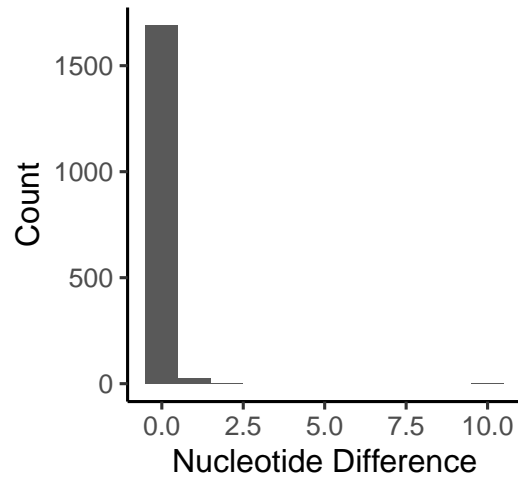


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



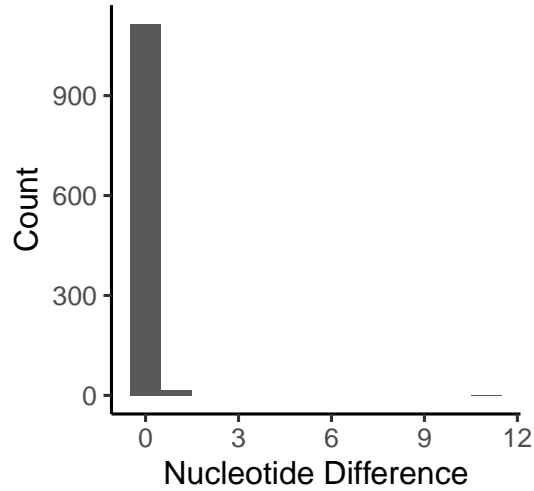
TRBV10-1*ap01

1717 sequences assigned
1690 (98.4%) exact matches, in which:
1662 unique CDR3
14 unique J



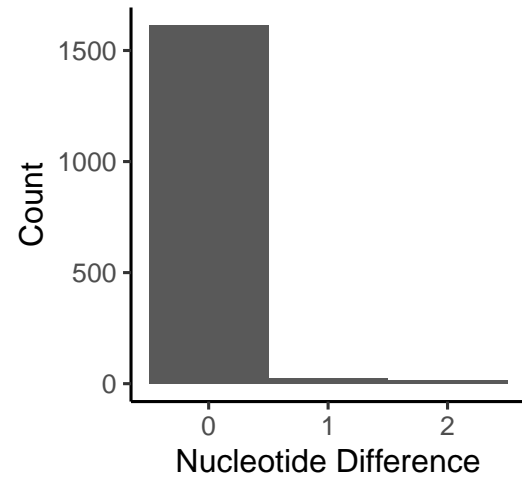
TRBV10-2*ap01

1134 sequences assigned
1116 (98.4%) exact matches, in which:
1093 unique CDR3
14 unique J



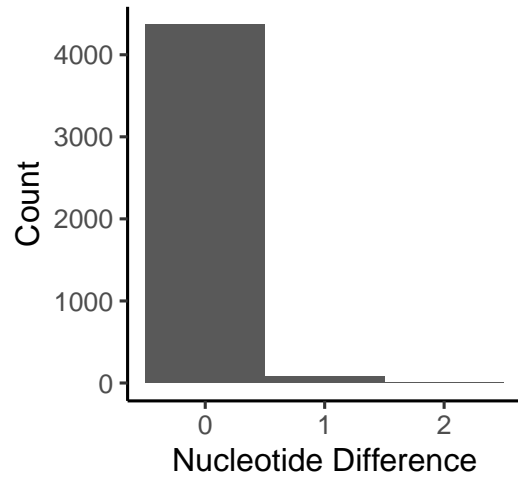
TRBV13*ap01

1655 sequences assigned
1613 (97.5%) exact matches, in which:
1570 unique CDR3
14 unique J



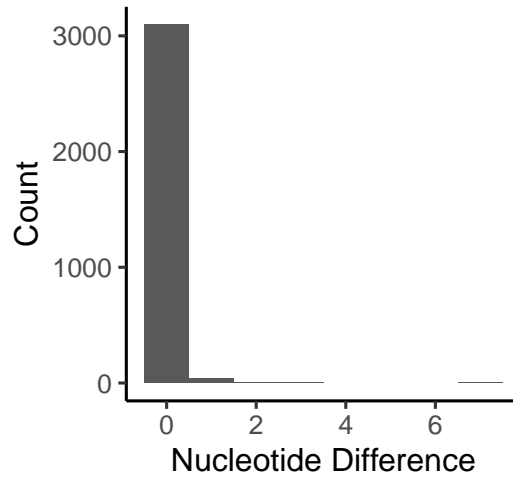
TRBV20-1*ap01

4443 sequences assigned
4366 (98.3%) exact matches, in which:
4278 unique CDR3
14 unique J



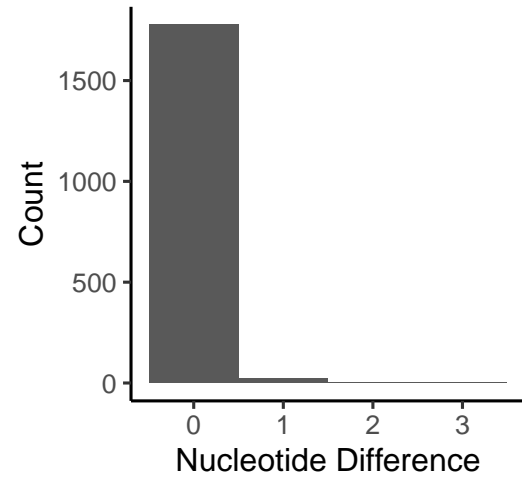
TRBV10-3*ap01

3139 sequences assigned
3096 (98.6%) exact matches, in which:
3040 unique CDR3
14 unique J



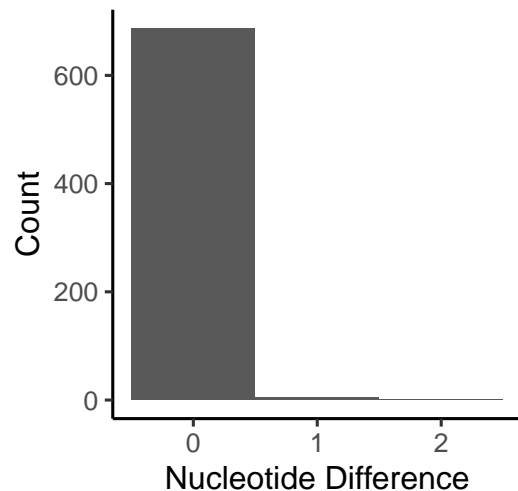
TRBV14*ap01

1803 sequences assigned
1777 (98.6%) exact matches, in which:
1741 unique CDR3
14 unique J



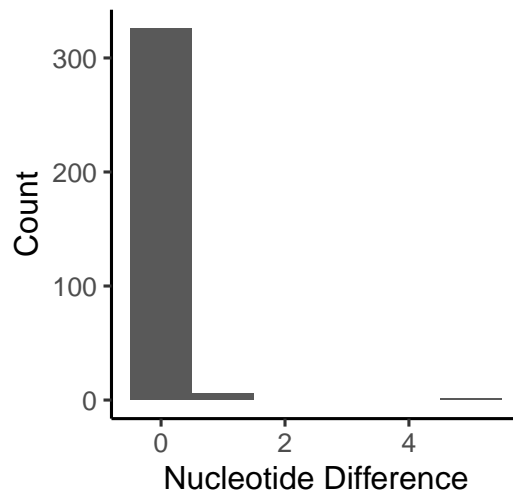
TRBV20-1*ap02

693 sequences assigned
687 (99.1%) exact matches, in which:
678 unique CDR3
14 unique J



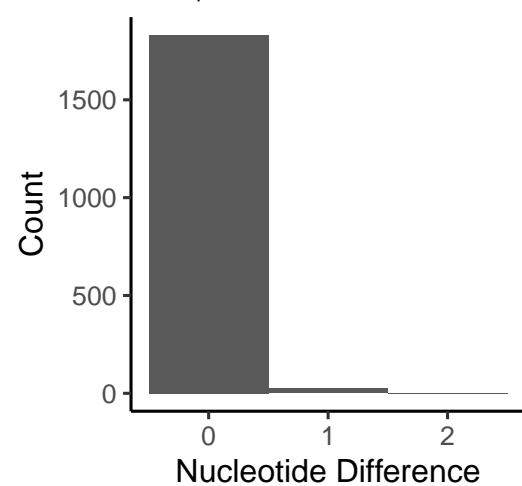
TRBV1*ap01

333 sequences assigned
326 (97.9%) exact matches, in which:
318 unique CDR3
14 unique J



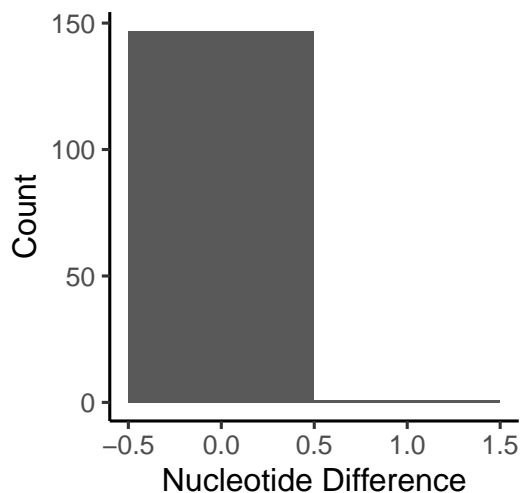
TRBV15*ap02

1858 sequences assigned
1831 (98.5%) exact matches, in which:
1799 unique CDR3
14 unique J



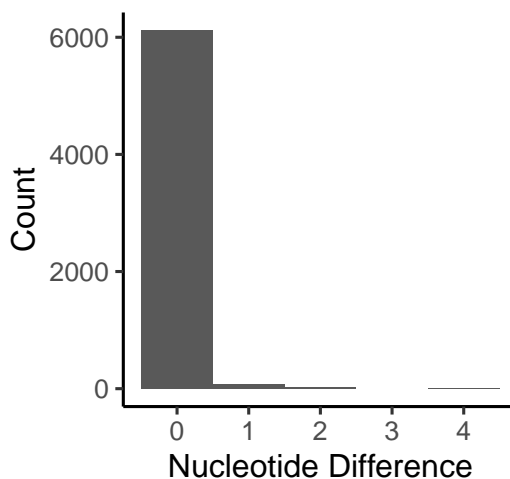
TRBV16*ap01

148 sequences assigned
147 (99.3%) exact matches, in which:
147 unique CDR3
14 unique J



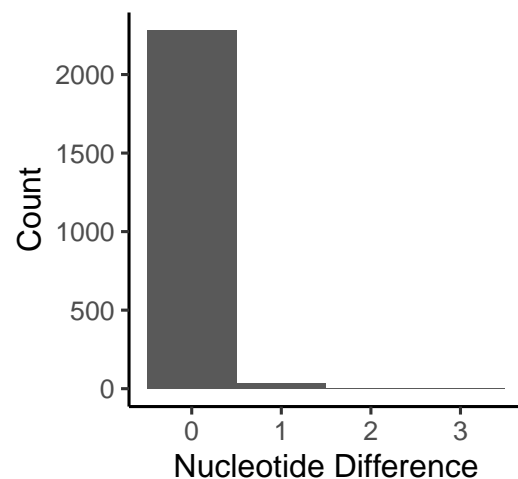
TRBV2*ap01

6208 sequences assigned
6117 (98.5%) exact matches, in which:
6014 unique CDR3
14 unique J



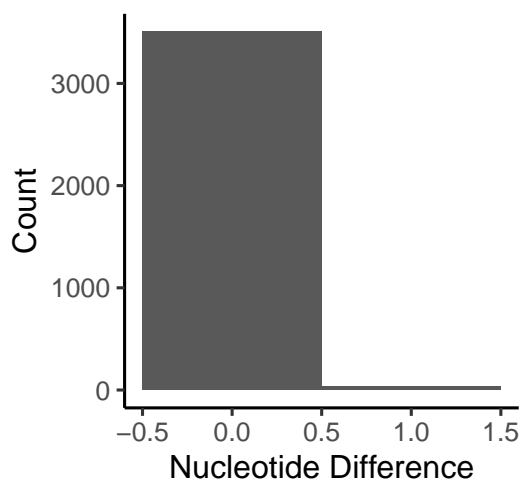
TRBV30*ap02

2324 sequences assigned
2281 (98.1%) exact matches, in which:
2269 unique CDR3
14 unique J



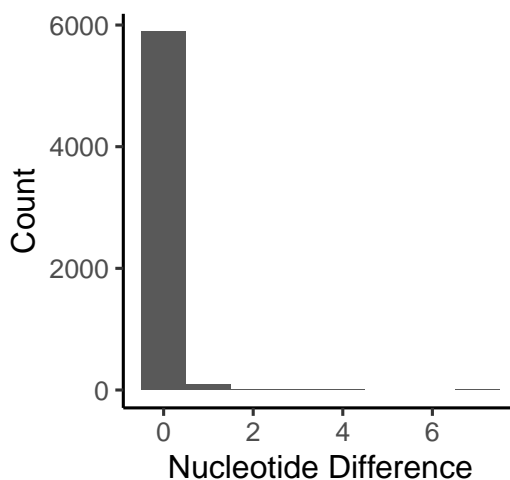
TRBV18*ap01

3538 sequences assigned
3506 (99.1%) exact matches, in which:
3454 unique CDR3
14 unique J



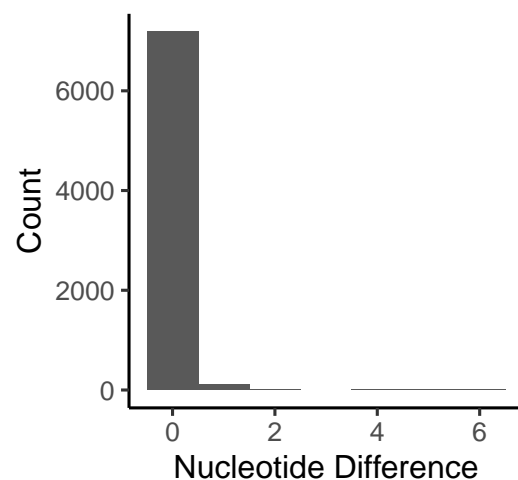
TRBV27*ap01

5989 sequences assigned
5890 (98.3%) exact matches, in which:
5787 unique CDR3
14 unique J



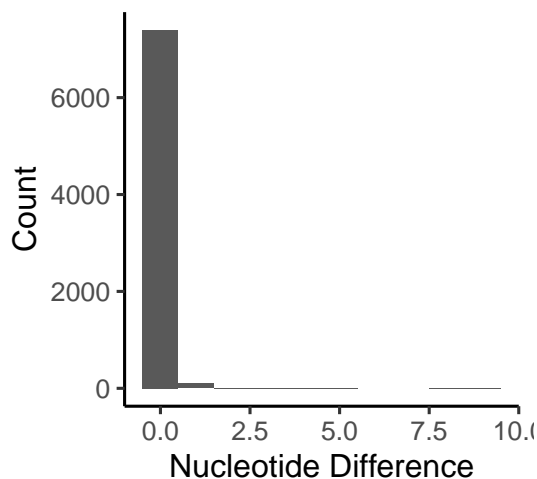
TRBV9*ap01

7296 sequences assigned
7185 (98.5%) exact matches, in which:
7066 unique CDR3
14 unique J



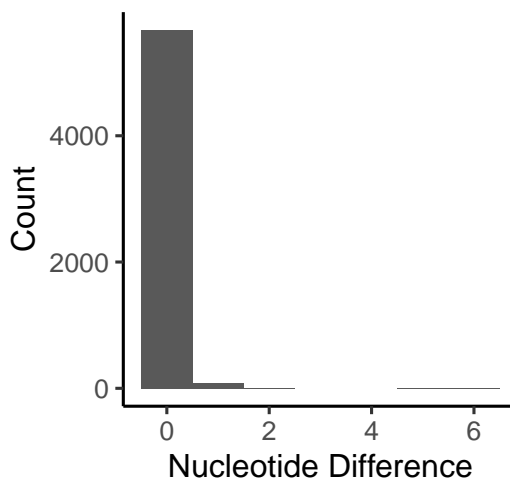
TRBV19*ap01

7500 sequences assigned
7395 (98.6%) exact matches, in which:
7288 unique CDR3
14 unique J



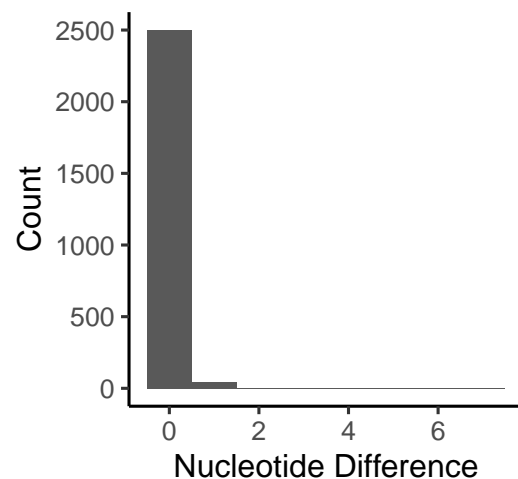
TRBV28*ap01

5763 sequences assigned
5674 (98.5%) exact matches, in which:
5576 unique CDR3
14 unique J



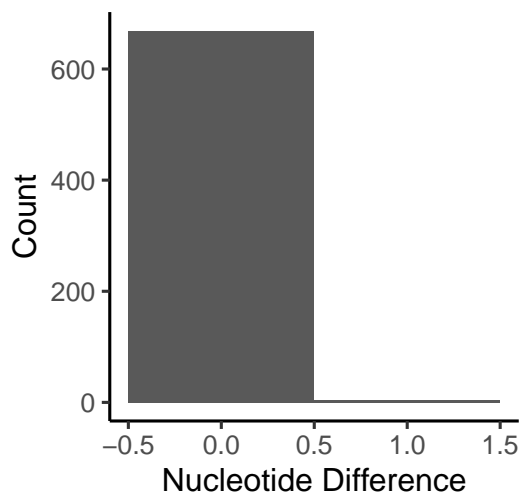
TRBV21-1*ap01

2555 sequences assigned
2500 (97.8%) exact matches, in which:
2446 unique CDR3
14 unique J



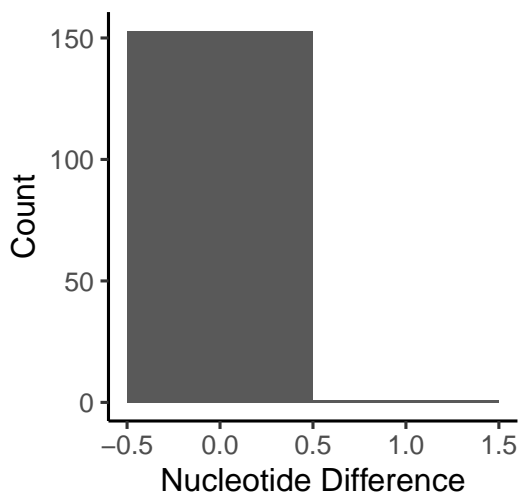
TRBV11-1*ap01

674 sequences assigned
669 (99.3%) exact matches, in which:
655 unique CDR3
14 unique J



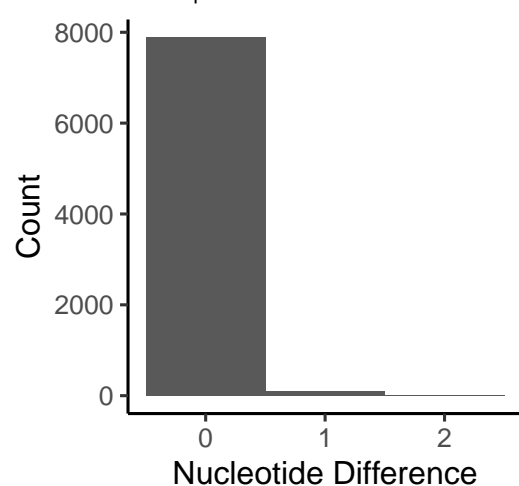
TRBV12-1*ap01

154 sequences assigned
153 (99.4%) exact matches, in which:
147 unique CDR3
14 unique J



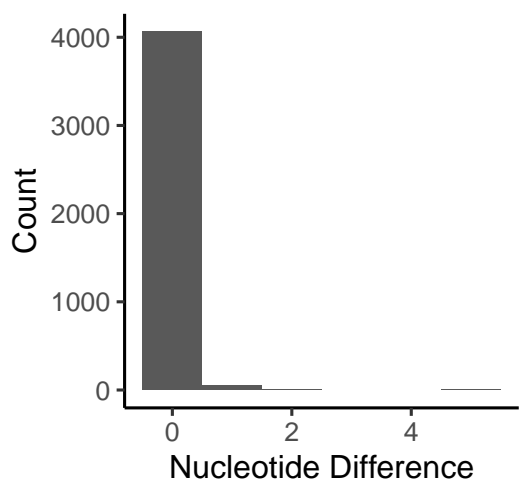
TRBV12-34*ap01

7997 sequences assigned
7887 (98.6%) exact matches, in which:
7778 unique CDR3
14 unique J



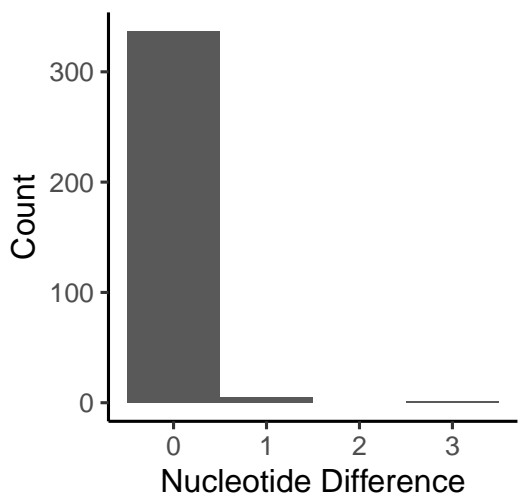
TRBV11-2*ap01

4118 sequences assigned
4063 (98.7%) exact matches, in which:
3996 unique CDR3
14 unique J



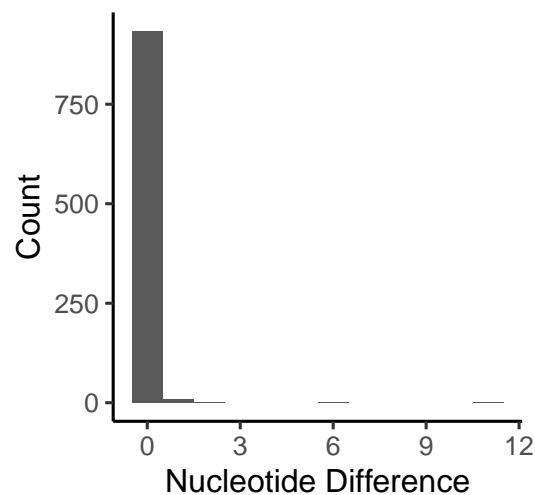
TRBV12-2*ap01

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



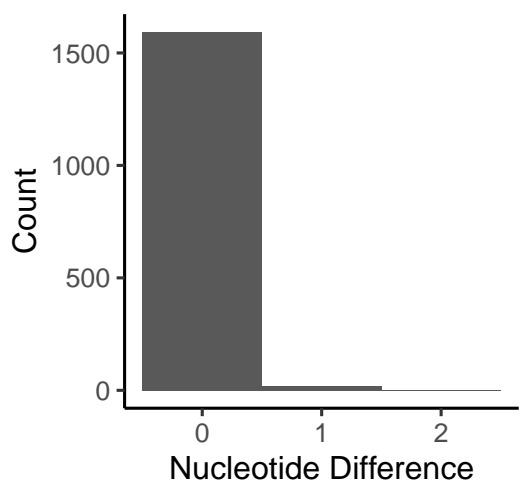
TRBV23-1*ap01

947 sequences assigned
934 (98.6%) exact matches, in which:
921 unique CDR3
14 unique J



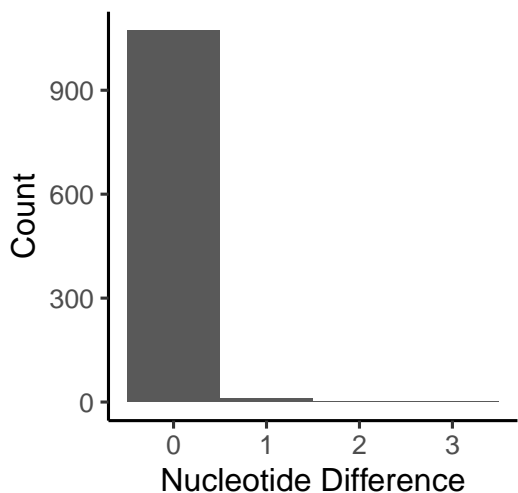
TRBV11-3*ap01

1612 sequences assigned
1593 (98.8%) exact matches, in which:
1568 unique CDR3
14 unique J



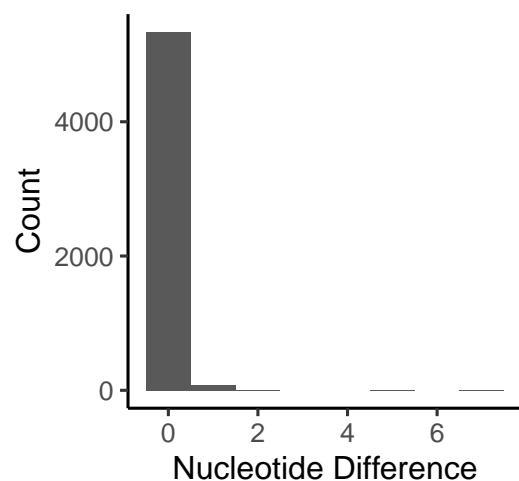
TRBV12-5*ap01

1085 sequences assigned
1073 (98.9%) exact matches, in which:
1039 unique CDR3
14 unique J



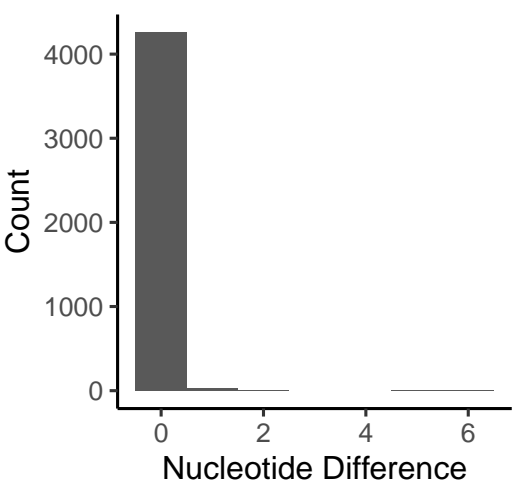
TRBV3-12*ap01

5420 sequences assigned
5336 (98.5%) exact matches, in which:
5257 unique CDR3
14 unique J



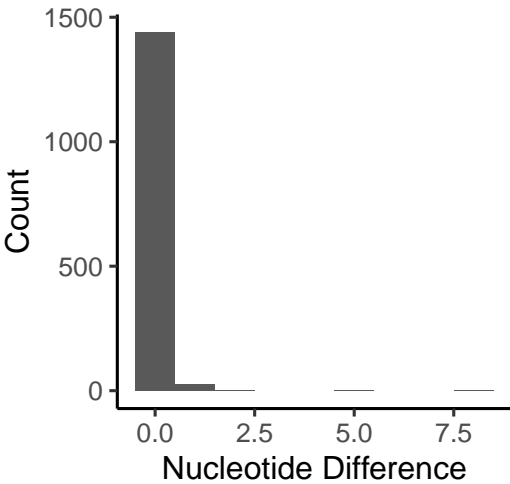
TRBV4-1*ap01

4297 sequences assigned
4258 (99.1%) exact matches, in which:
4203 unique CDR3
14 unique J



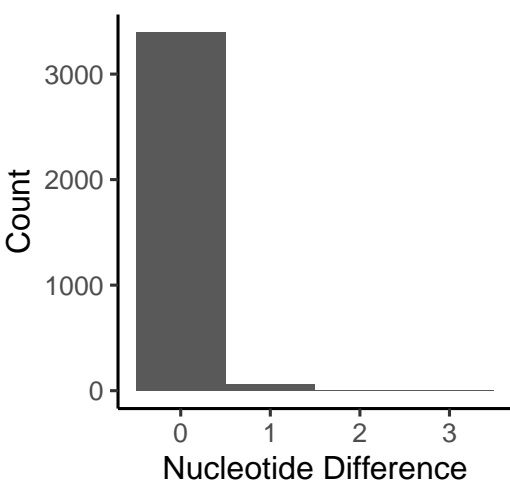
TRBV25-1*ap01

1470 sequences assigned
1439 (97.9%) exact matches, in which:
1419 unique CDR3
14 unique J



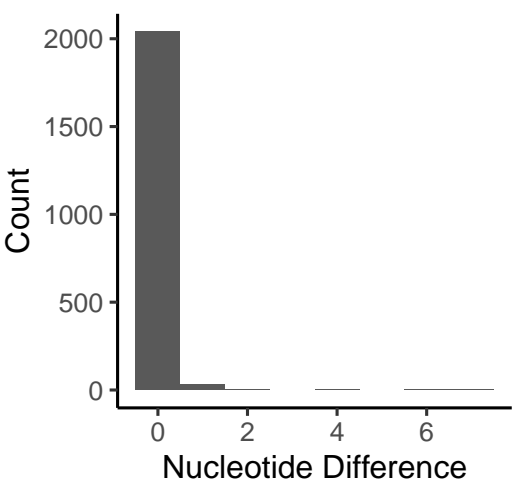
TRBV5-4*ap01

3464 sequences assigned
3395 (98%) exact matches, in which:
3345 unique CDR3
14 unique J



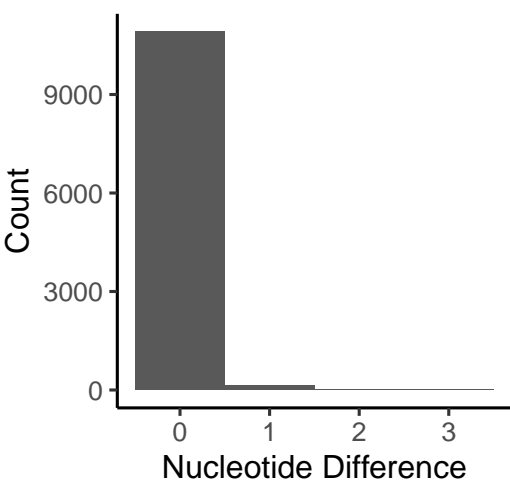
TRBV24-1*ap01

2078 sequences assigned
2040 (98.2%) exact matches, in which:
2016 unique CDR3
14 unique J



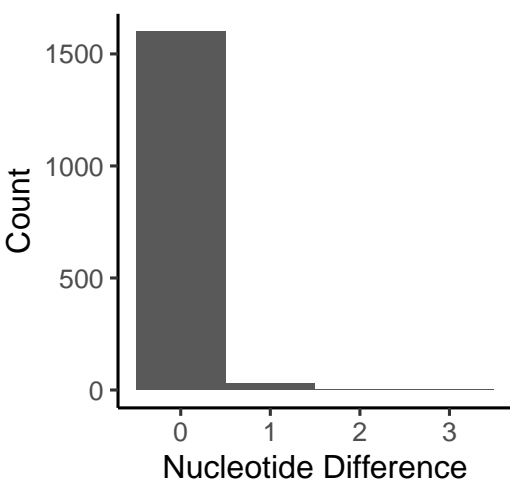
TRBV5-1*ap01

11068 sequences assigned
10912 (98.6%) exact matches, in which:
10678 unique CDR3
14 unique J



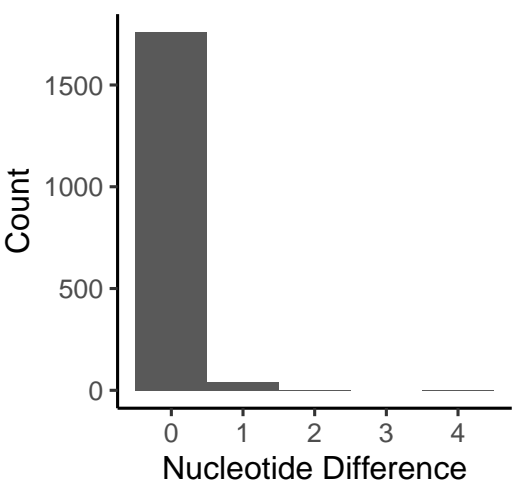
TRBV5-5*ap01

1632 sequences assigned
1599 (98%) exact matches, in which:
1579 unique CDR3
14 unique J



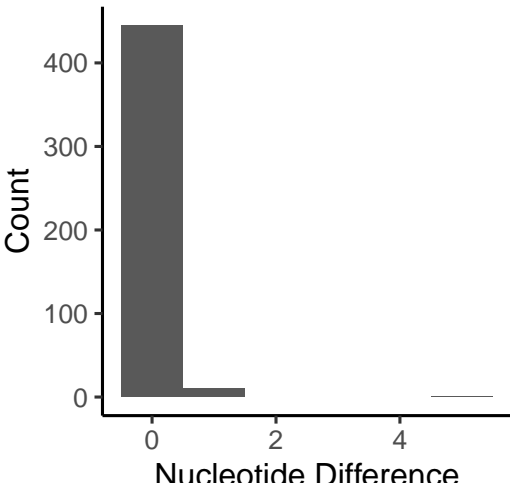
TRBV4-2*ap01

1805 sequences assigned
1760 (97.5%) exact matches, in which:
1731 unique CDR3
14 unique J



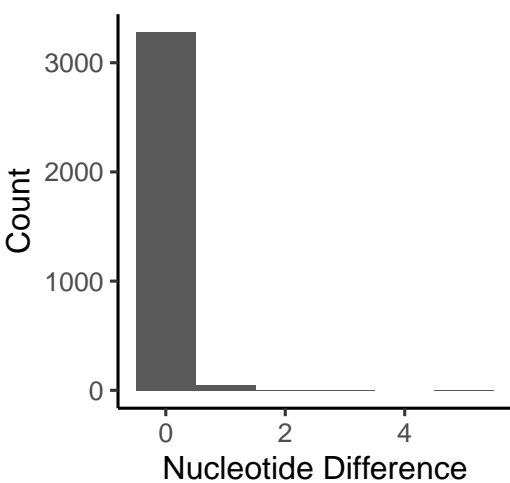
TRBV5-3*ap01

456 sequences assigned
445 (97.6%) exact matches, in which:
435 unique CDR3
14 unique J



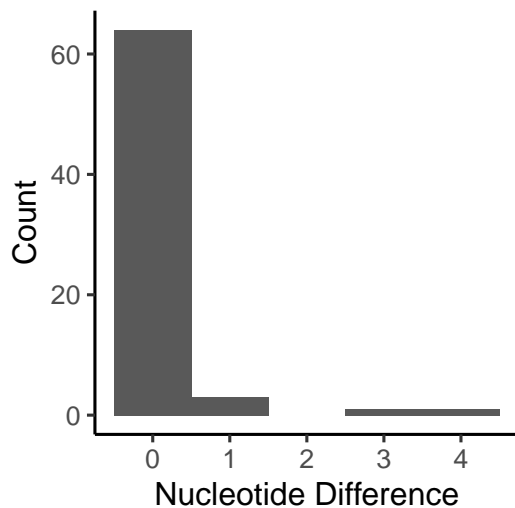
TRBV5-6*ap01

3337 sequences assigned
3281 (98.3%) exact matches, in which:
3203 unique CDR3
14 unique J



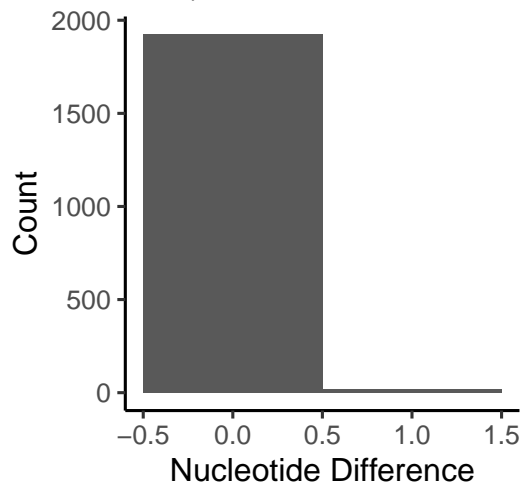
TRBV5-7*ap01

69 sequences assigned
64 (92.8%) exact matches, in which:
63 unique CDR3
13 unique J



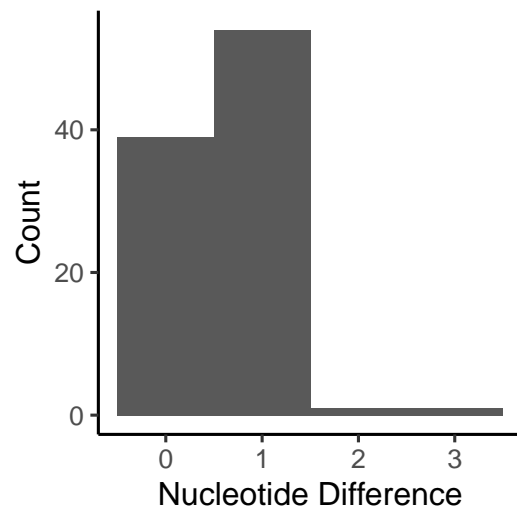
TRBV6-4*ap01

1943 sequences assigned
1924 (99%) exact matches, in which:
1895 unique CDR3
14 unique J



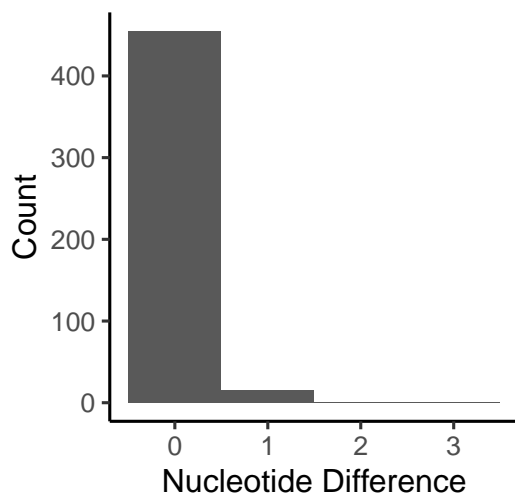
TRBV6-9*ap01

95 sequences assigned
39 (41.1%) exact matches, in which:
39 unique CDR3
11 unique J



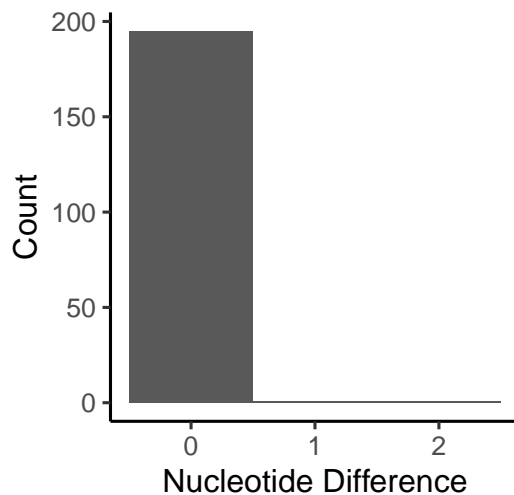
TRBV5-8*ap01

472 sequences assigned
455 (96.4%) exact matches, in which:
448 unique CDR3
14 unique J



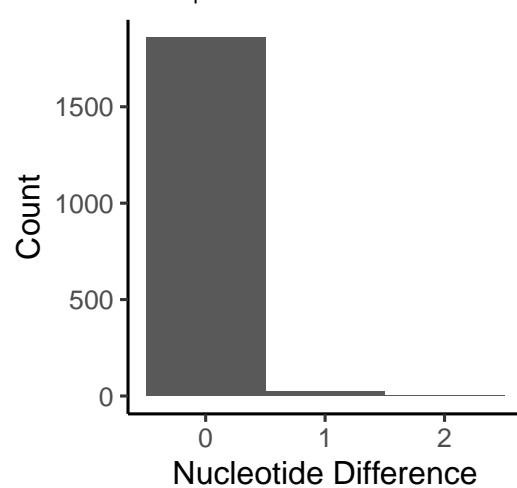
TRBV6-7*ap01

197 sequences assigned
195 (99%) exact matches, in which:
192 unique CDR3
14 unique J



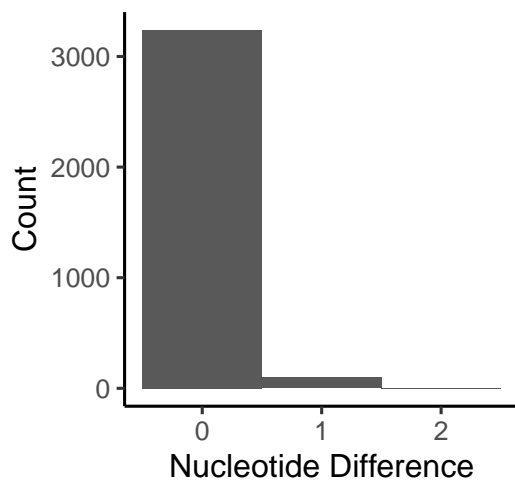
TRBV6-23*ap01

1882 sequences assigned
1858 (98.7%) exact matches, in which:
1829 unique CDR3
14 unique J



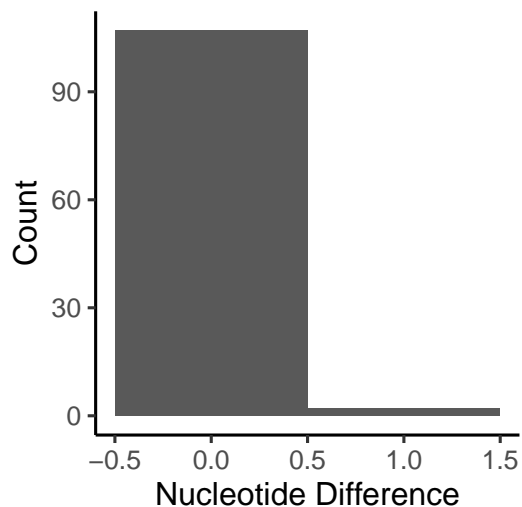
TRBV6-1*ap01

3341 sequences assigned
3239 (96.9%) exact matches, in which:
3181 unique CDR3
14 unique J



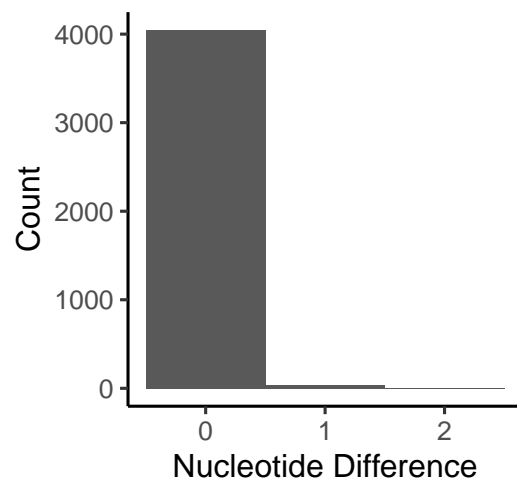
TRBV6-8*ap01

109 sequences assigned
107 (98.2%) exact matches, in which:
105 unique CDR3
14 unique J



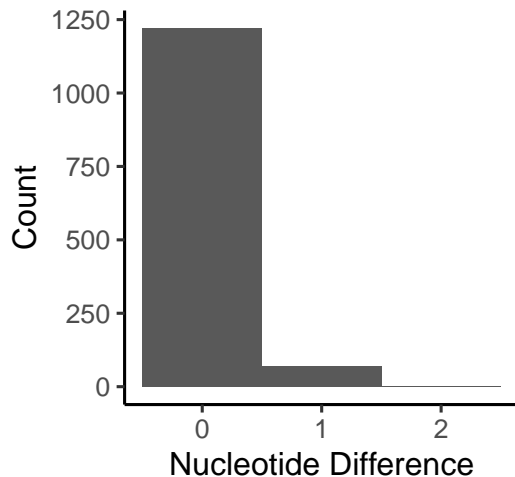
TRBV6-56*ap01

4087 sequences assigned
4046 (99%) exact matches, in which:
3981 unique CDR3
14 unique J



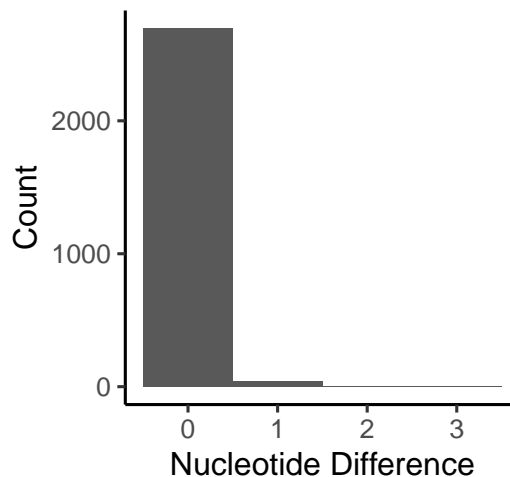
TRBV6-56*ap02

1294 sequences assigned
1220 (94.3%) exact matches, in which:
1205 unique CDR3
15 unique J



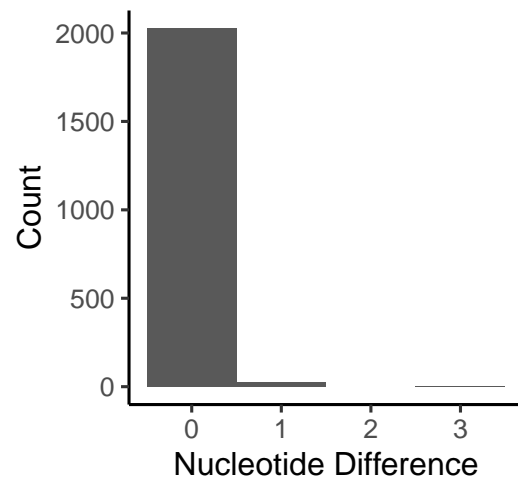
TRBV7-2*ap01

2739 sequences assigned
2695 (98.4%) exact matches, in which:
2633 unique CDR3
14 unique J



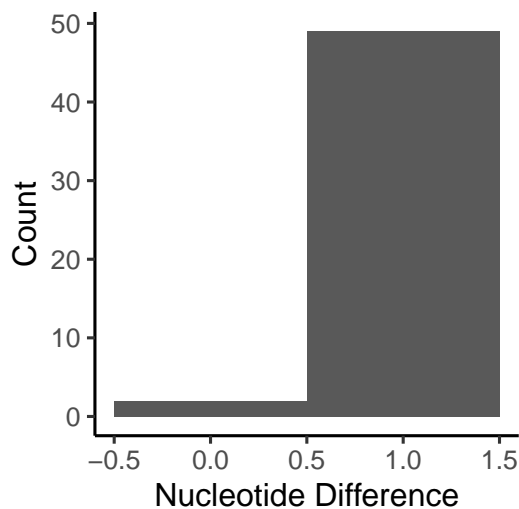
TRBV7-6*ap01

2054 sequences assigned
2026 (98.6%) exact matches, in which:
1993 unique CDR3
14 unique J



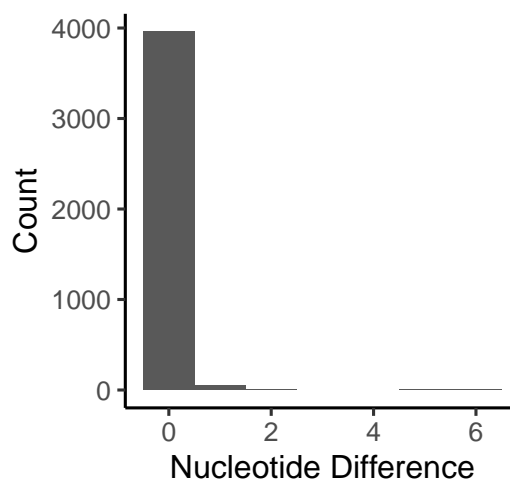
TRBV7-1*ap01_T296C

51 sequences assigned
2 (3.9%) exact matches, in which:
2 unique CDR3
2 unique J



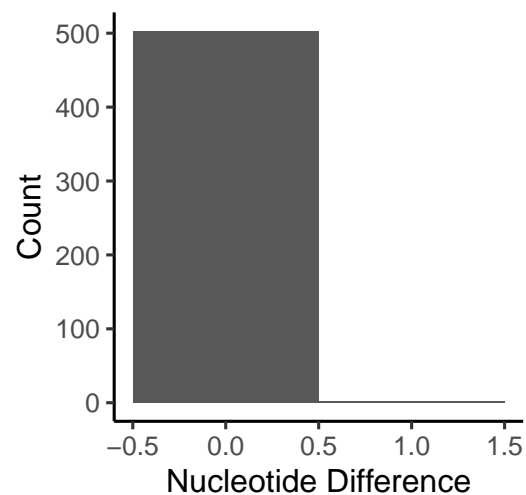
TRBV7-3*ap01

4014 sequences assigned
3959 (98.6%) exact matches, in which:
3895 unique CDR3
14 unique J



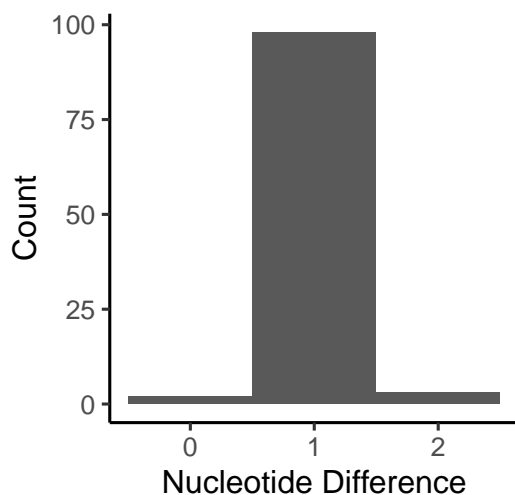
TRBV7-7*ap01

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



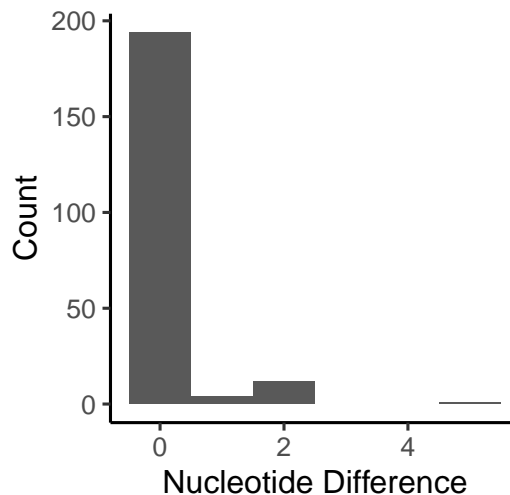
TRBV7-1*ap01_T296C_C

103 sequences assigned
2 (1.9%) exact matches, in which:
2 unique CDR3
2 unique J



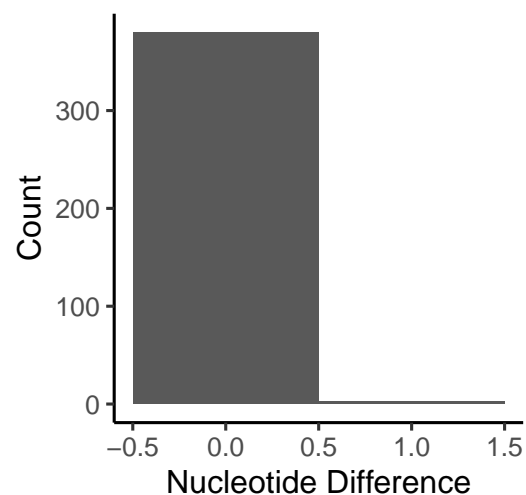
TRBV7-4*ap01

211 sequences assigned
194 (91.9%) exact matches, in which:
191 unique CDR3
14 unique J



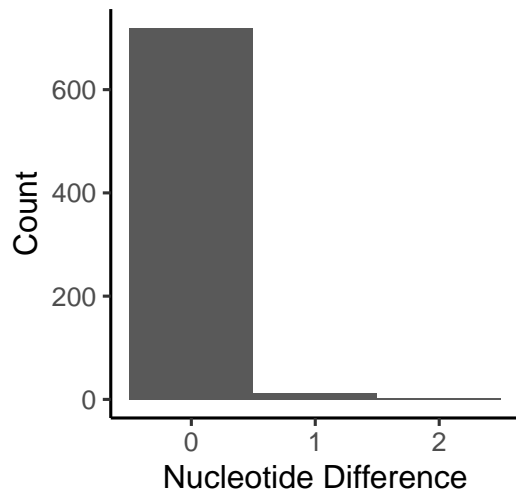
TRBV7-7*ap01_C315T

383 sequences assigned
380 (99.2%) exact matches, in which:
376 unique CDR3
13 unique J



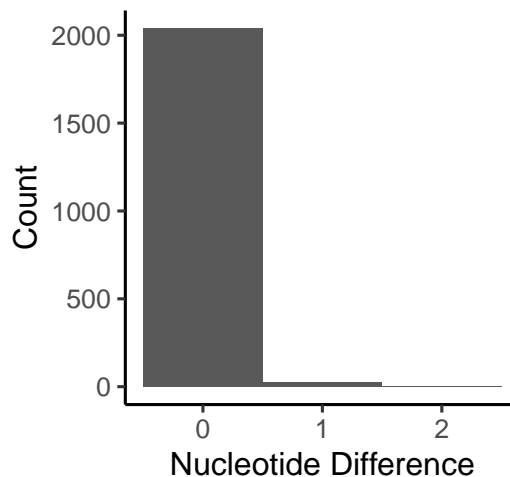
TRBV7-8*ap01

736 sequences assigned
720 (97.8%) exact matches, in which:
709 unique CDR3
14 unique J



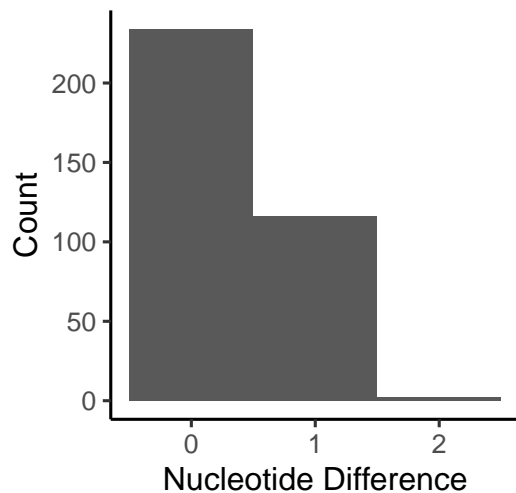
TRBV29-1*ap01

2071 sequences assigned
2039 (98.5%) exact matches, in which:
2019 unique CDR3
14 unique J



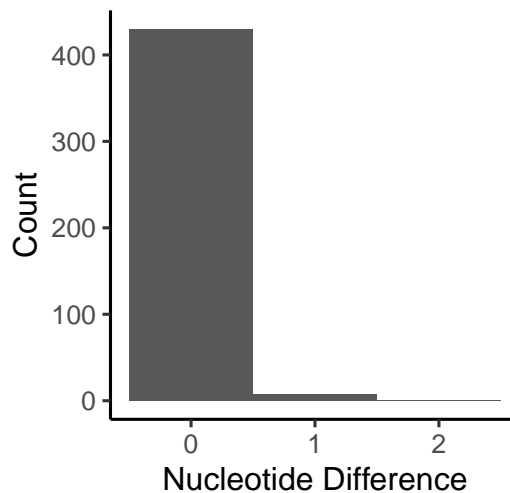
TRBV7-8*ap03

352 sequences assigned
234 (66.5%) exact matches, in which:
233 unique CDR3
13 unique J



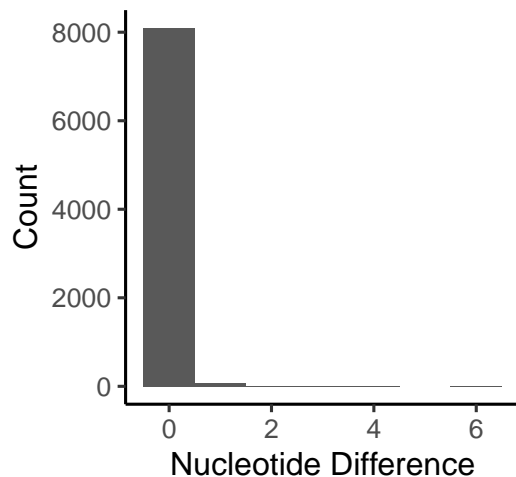
TRBV29-1*ap02

438 sequences assigned
430 (98.2%) exact matches, in which:
423 unique CDR3
14 unique J

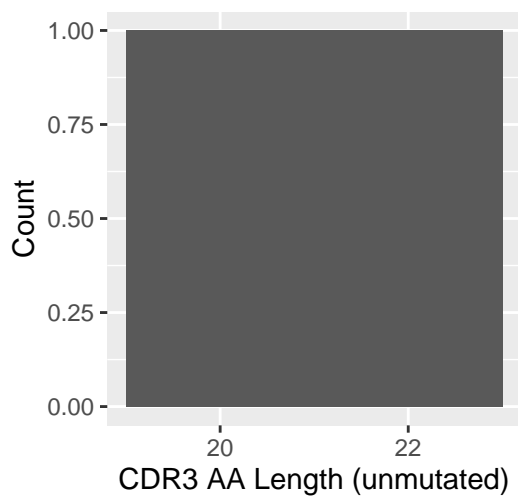


TRBV7-9*ap01

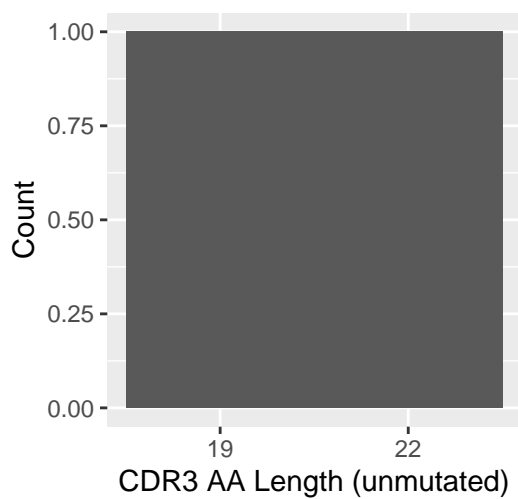
8172 sequences assigned
8094 (99%) exact matches, in which:
7975 unique CDR3
14 unique J



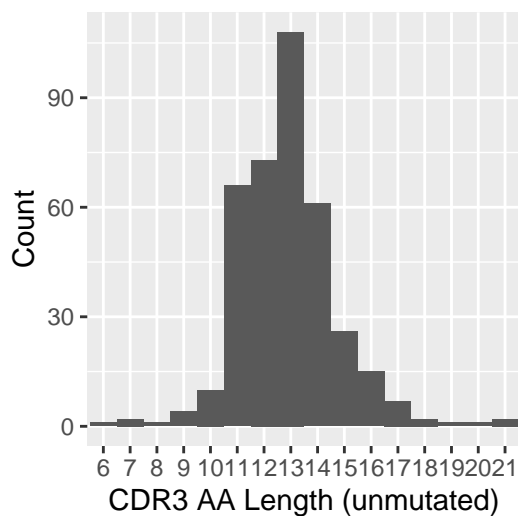
TRBV7-1*ap01_T296C_C314T

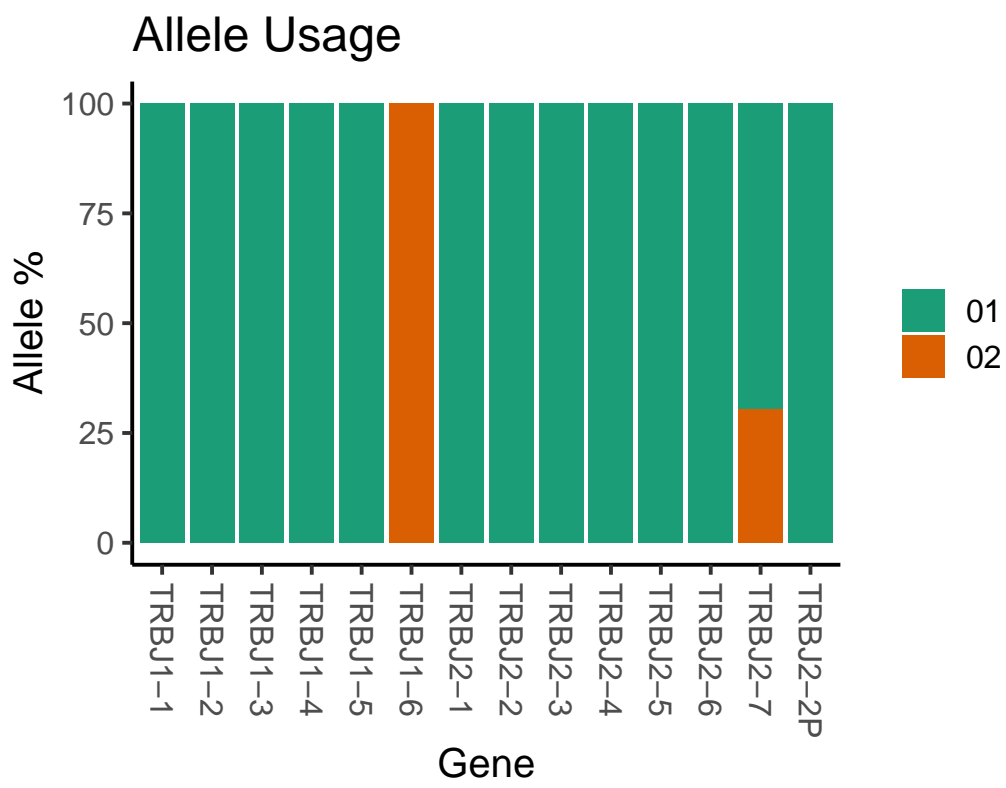


TRBV7-1*ap01_T296C

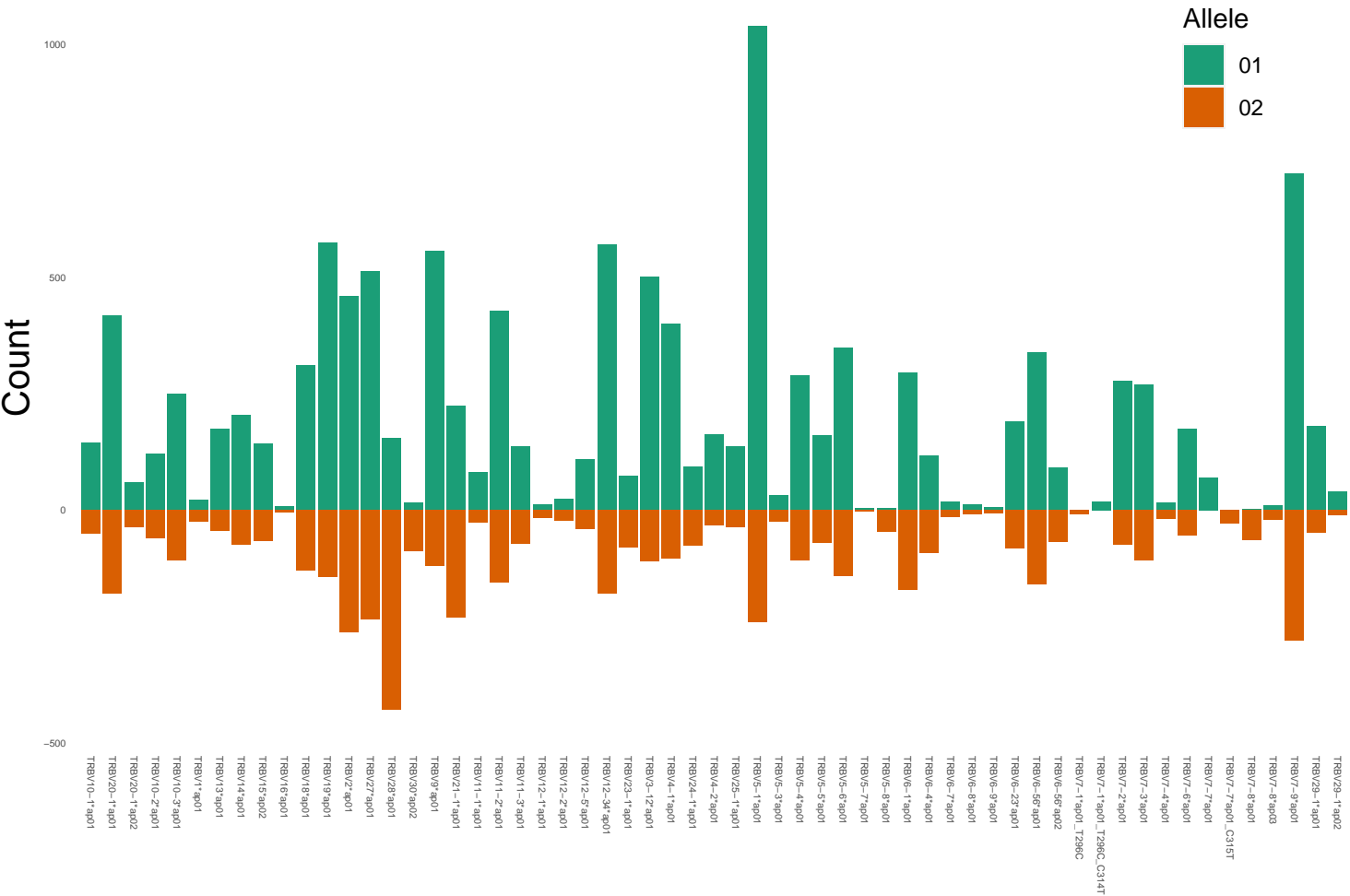


TRBV7-7*ap01_C315T





Sequence Count by TRBJ2-7 allele usage



Warning – no inferred sequences found.