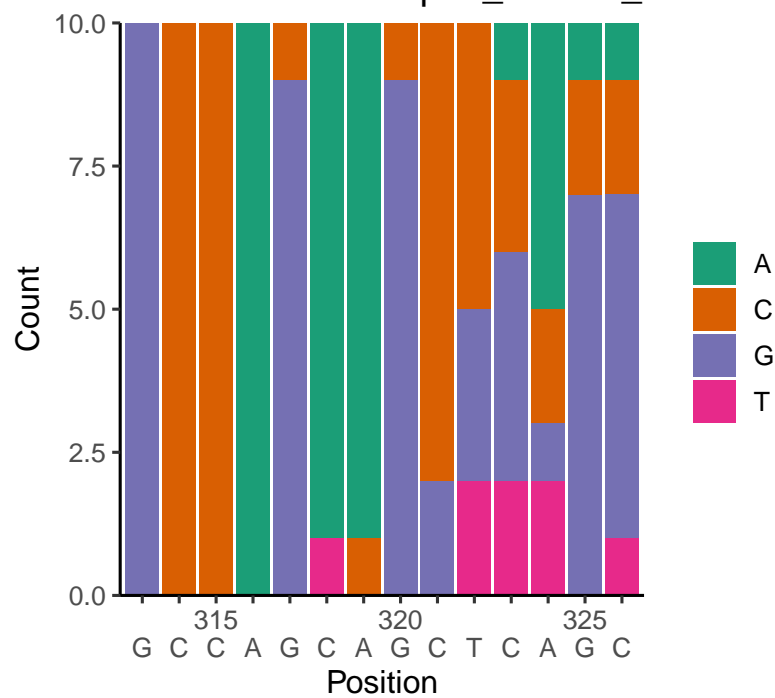
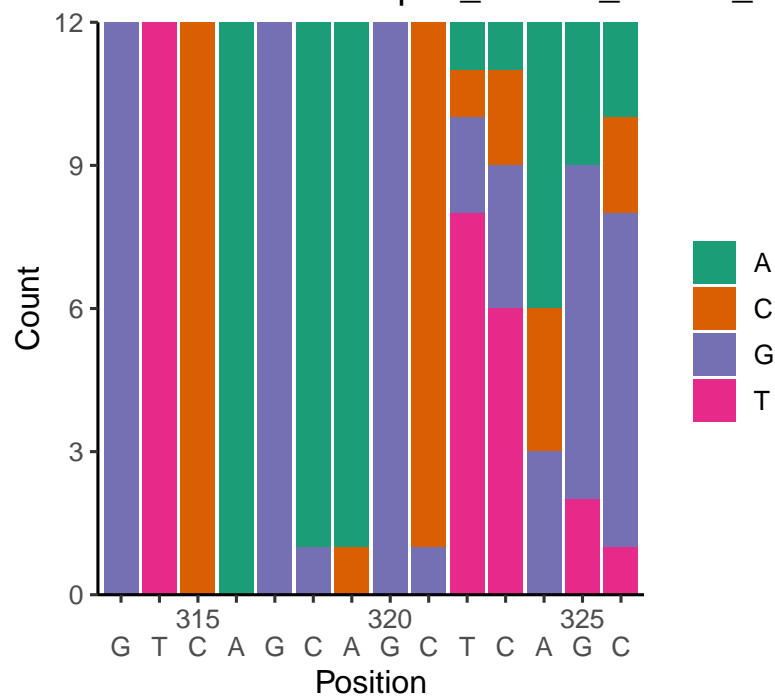


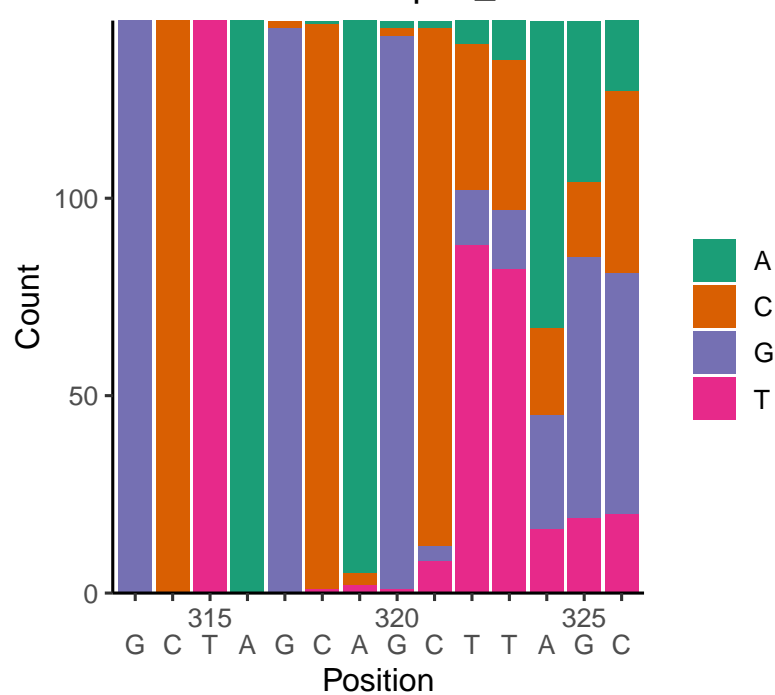
Gene TRBV7-1*ap01_G291C_T296C



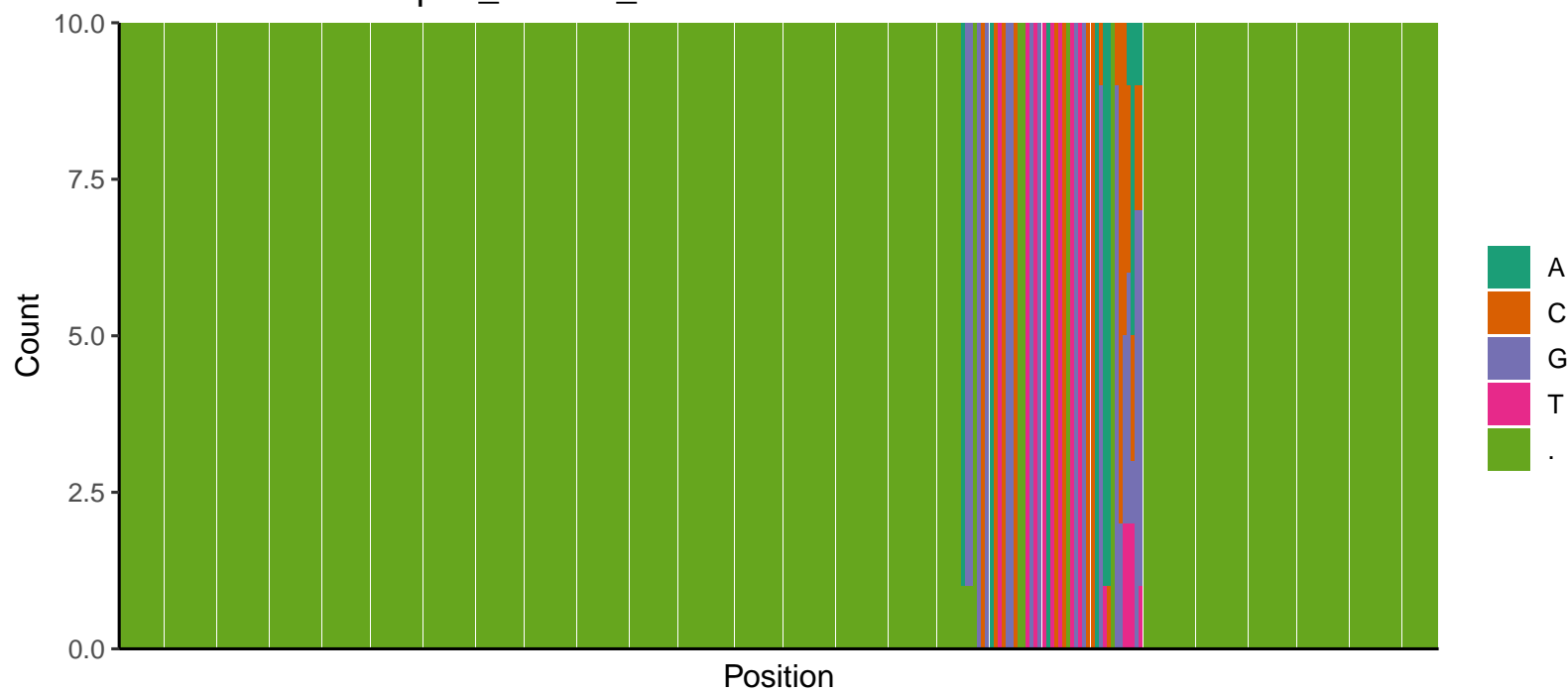
Gene TRBV7-1*ap01_G291C_T296C_C314T



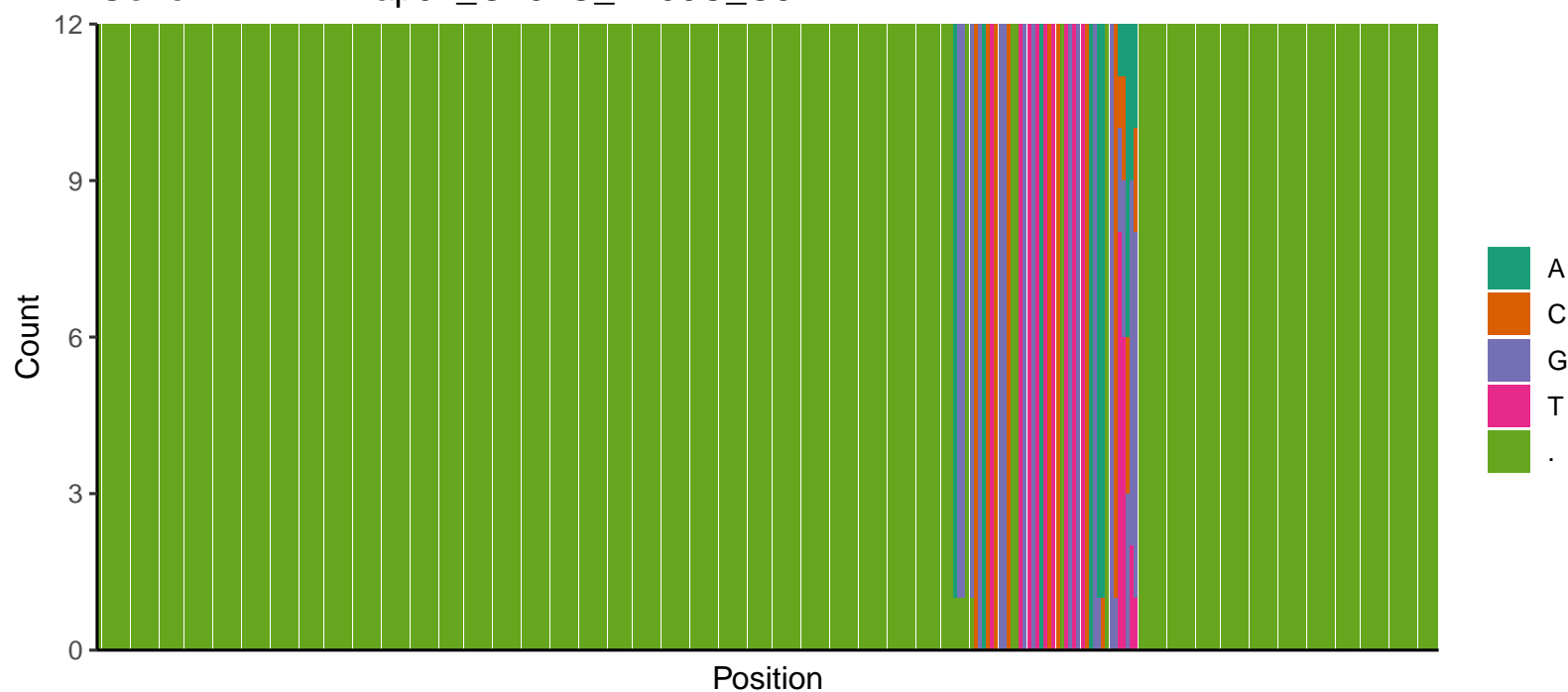
Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C



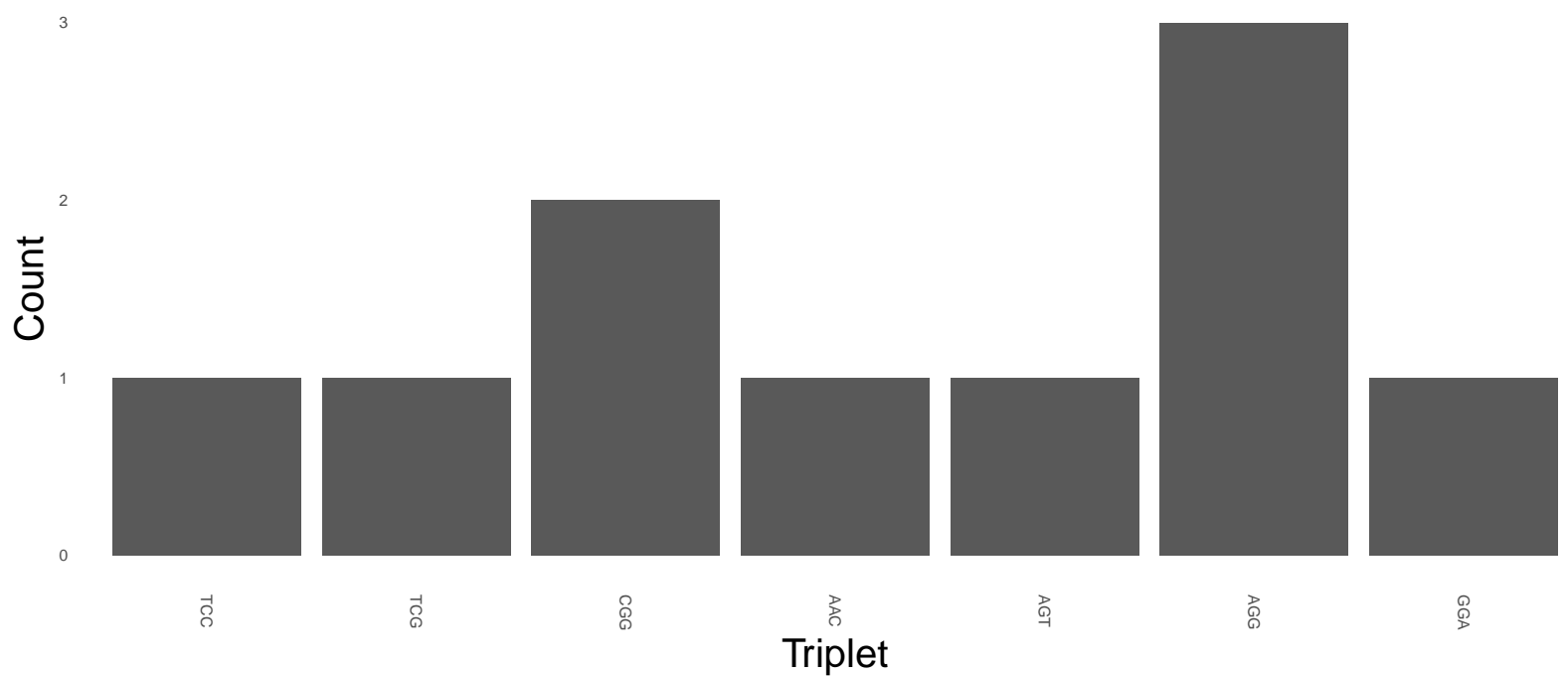
Gene TRBV7-1*ap01_G291C_T296C_C314T



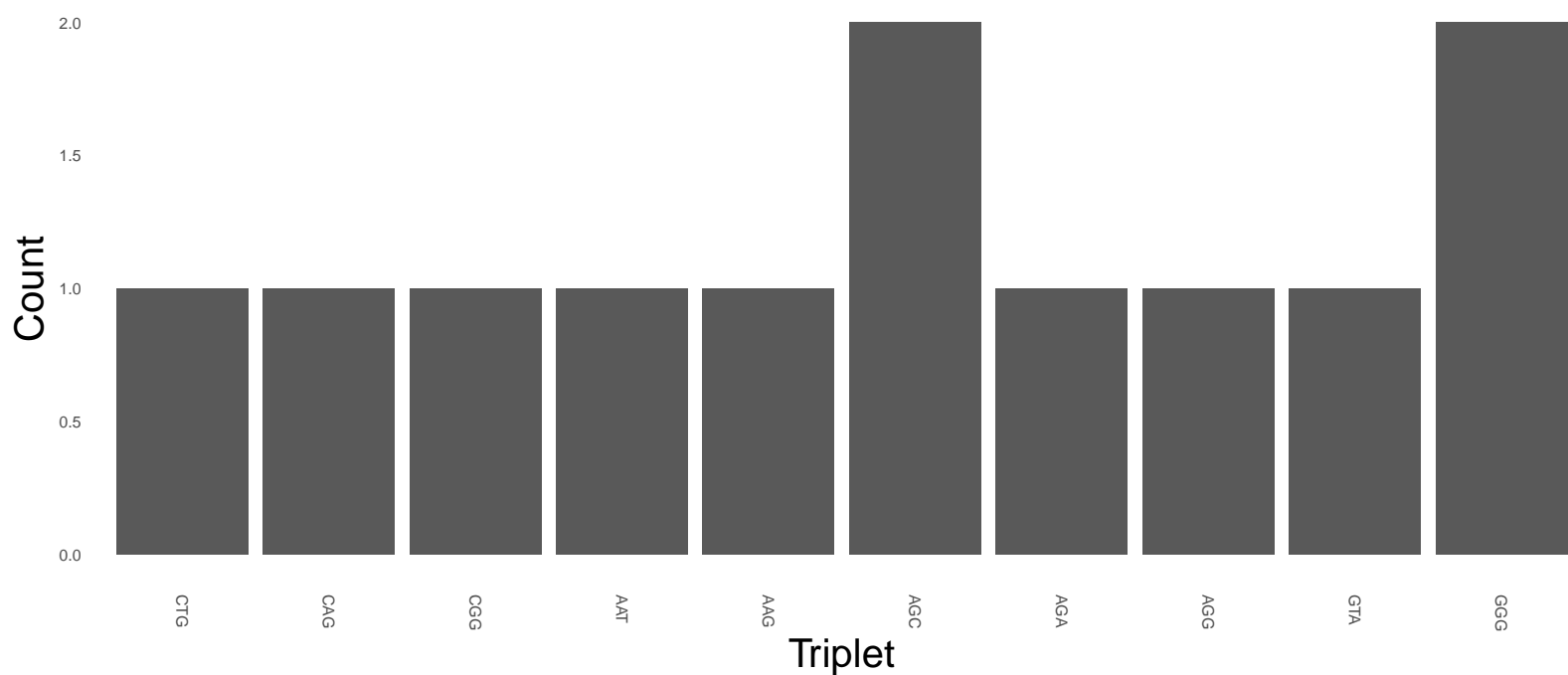
Gene TRBV7-7*ap01_C315T



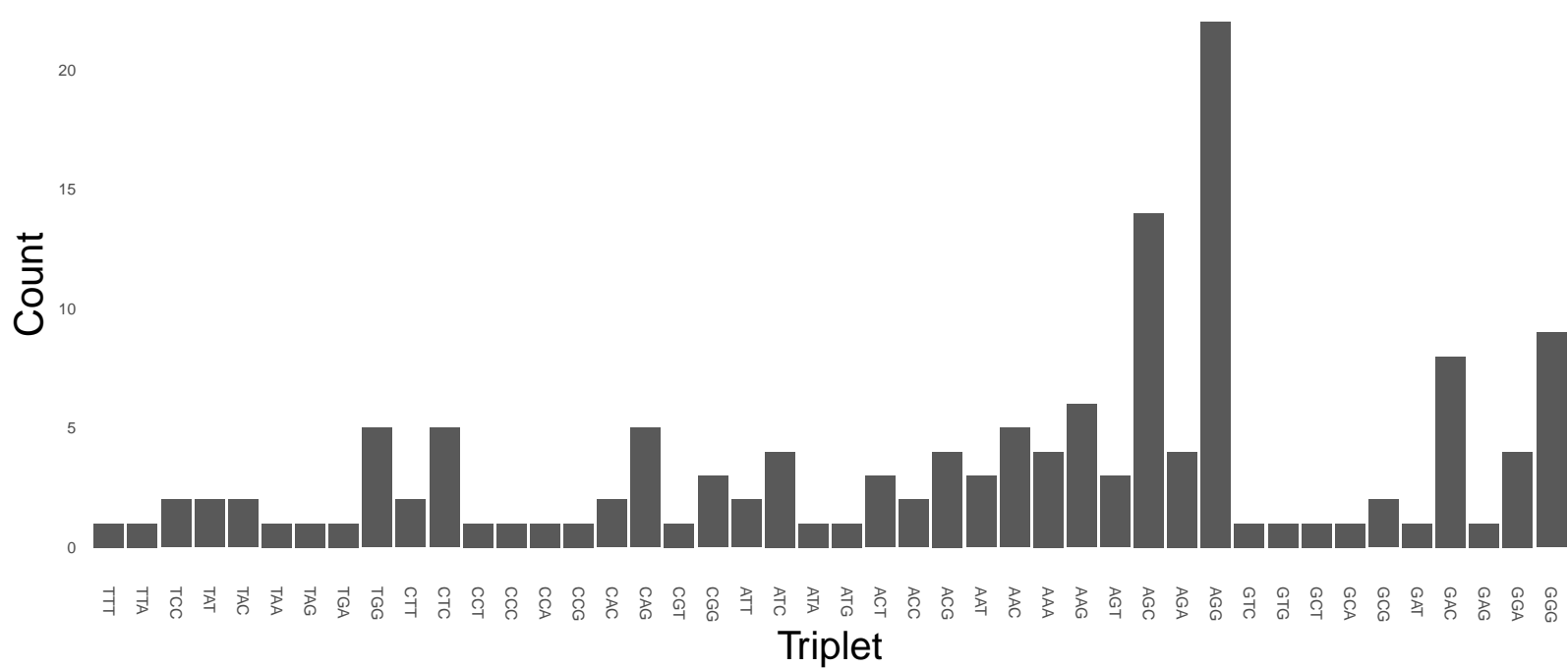
TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



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

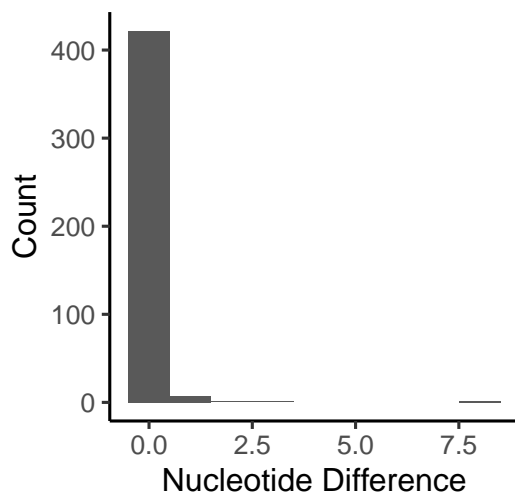


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



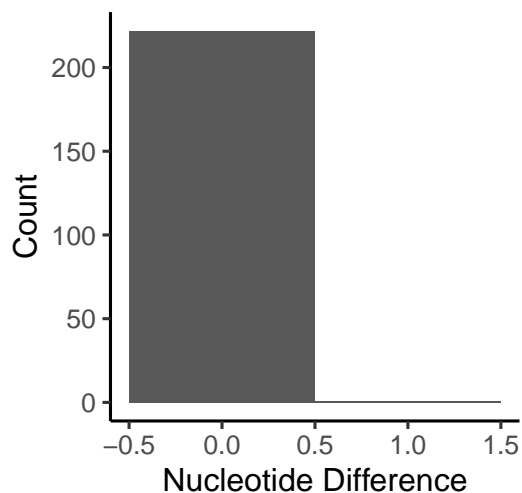
TRBV10–1*ap01

433 sequences assigned
422 (97.5%) exact matches, in which:
421 unique CDR3
13 unique J



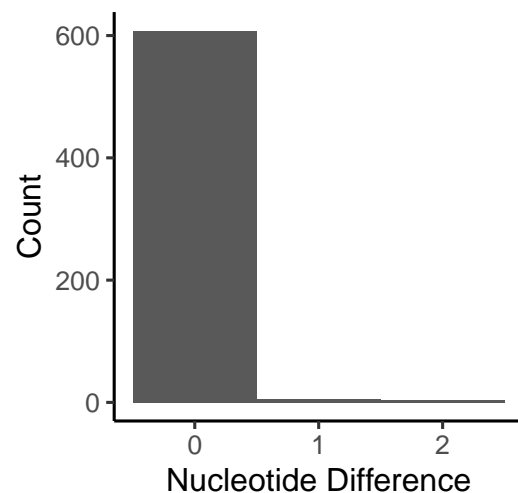
TRBV10–2*ap01

223 sequences assigned
222 (99.6%) exact matches, in which:
221 unique CDR3
12 unique J



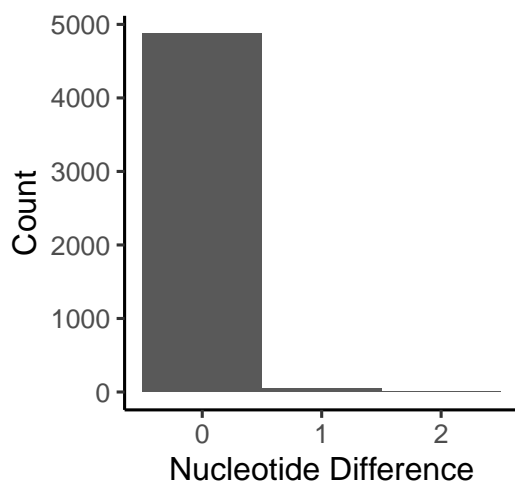
TRBV13*ap01

618 sequences assigned
608 (98.4%) exact matches, in which:
603 unique CDR3
13 unique J



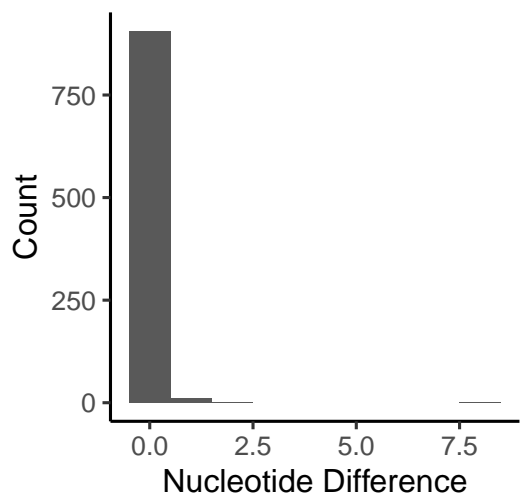
TRBV20–1*ap01

4920 sequences assigned
4873 (99%) exact matches, in which:
4807 unique CDR3
13 unique J



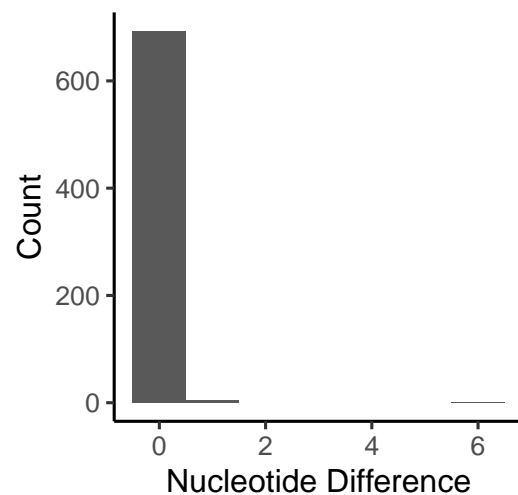
TRBV10–3*ap01

920 sequences assigned
906 (98.5%) exact matches, in which:
905 unique CDR3
13 unique J



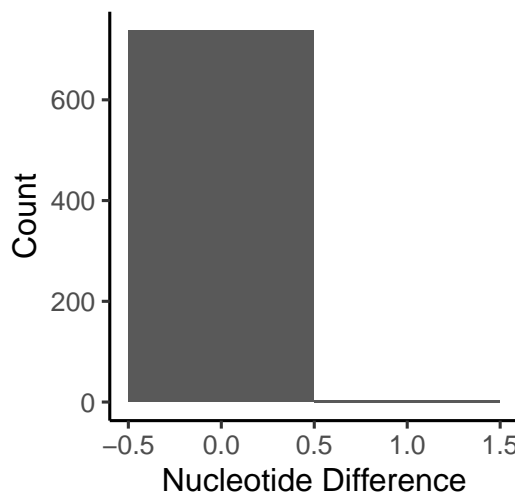
TRBV14*ap01

699 sequences assigned
693 (99.1%) exact matches, in which:
689 unique CDR3
13 unique J



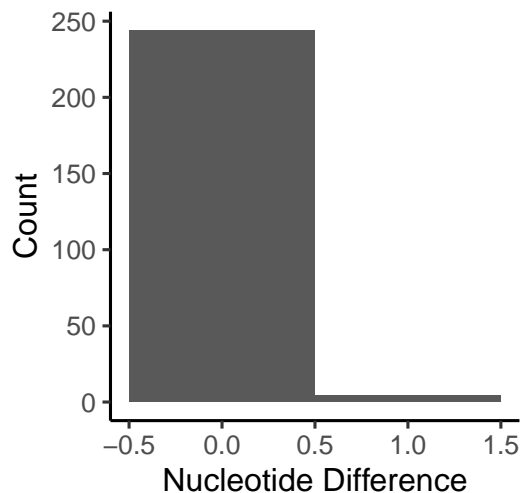
TRBV20–1*ap02

742 sequences assigned
738 (99.5%) exact matches, in which:
726 unique CDR3
13 unique J



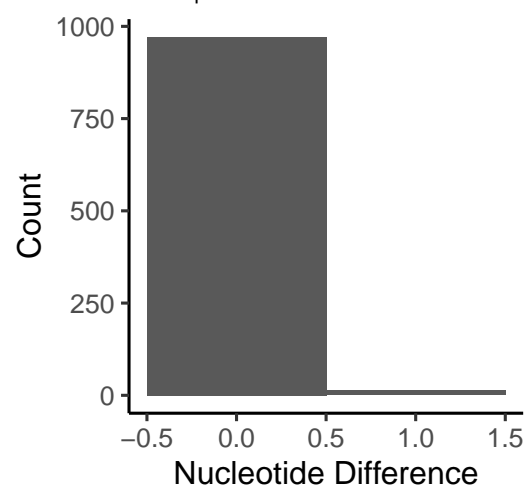
TRBV1*ap01

248 sequences assigned
244 (98.4%) exact matches, in which:
242 unique CDR3
13 unique J



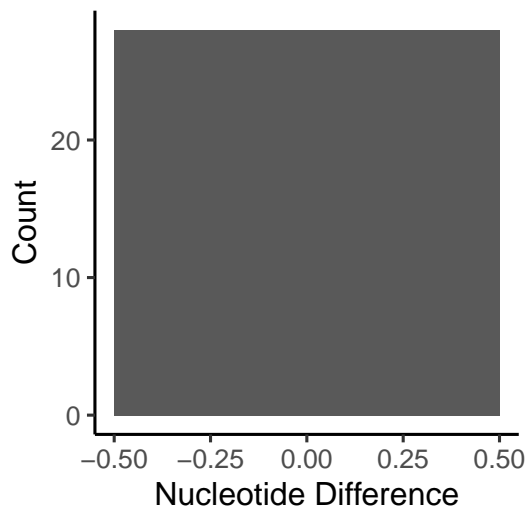
TRBV15*ap02

984 sequences assigned
971 (98.7%) exact matches, in which:
967 unique CDR3
13 unique J



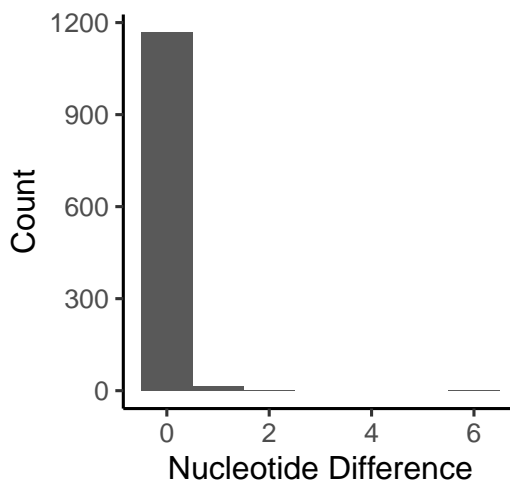
TRBV16*ap01

28 sequences assigned
28 (100%) exact matches, in which:
28 unique CDR3
9 unique J



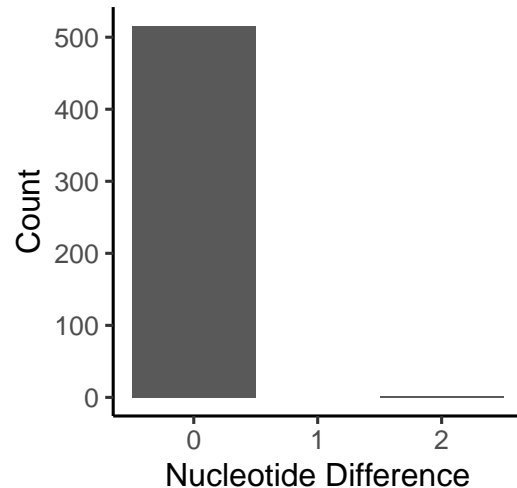
TRBV2*ap01

1186 sequences assigned
1168 (98.5%) exact matches, in which:
1166 unique CDR3
13 unique J



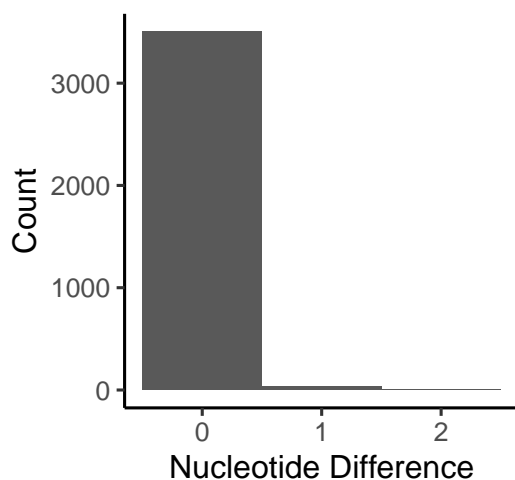
TRBV28*ap01

518 sequences assigned
516 (99.6%) exact matches, in which:
514 unique CDR3
13 unique J



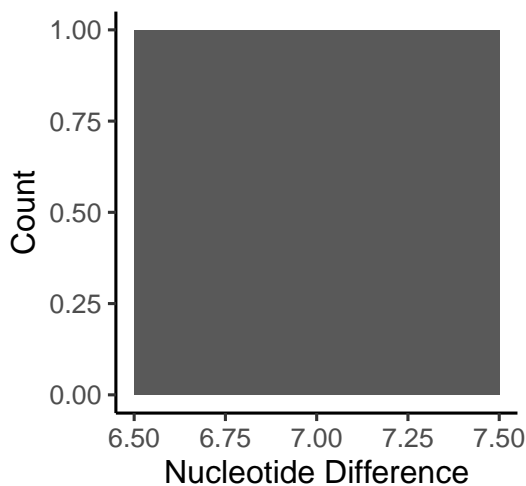
TRBV18*ap01

3543 sequences assigned
3503 (98.9%) exact matches, in which:
3471 unique CDR3
13 unique J



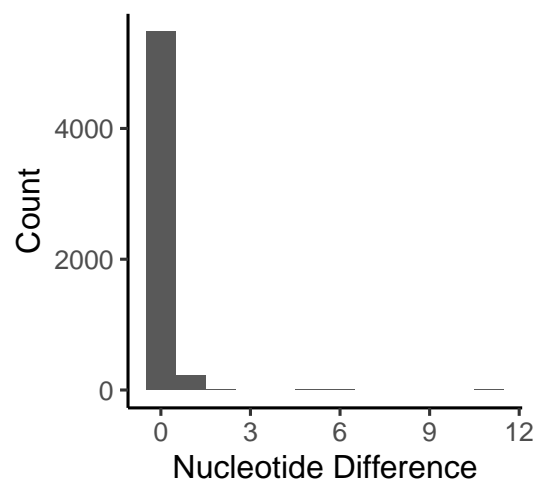
TRBV26*ap01

1 sequences assigned
No exact matches.



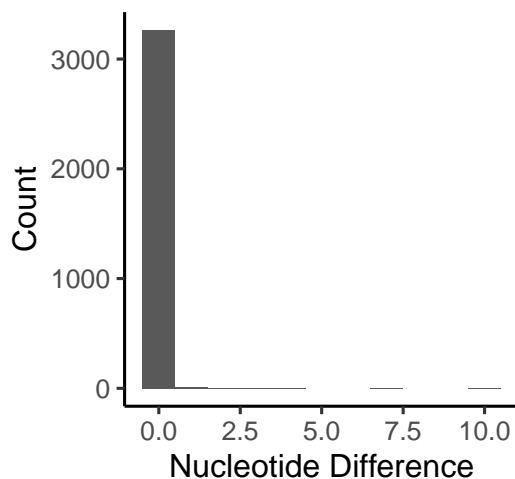
TRBV30*ap01

5709 sequences assigned
5479 (96%) exact matches, in which:
5316 unique CDR3
13 unique J



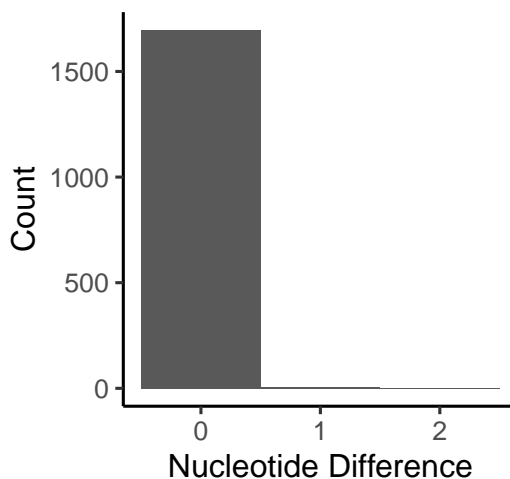
TRBV19*ap01

3280 sequences assigned
3264 (99.5%) exact matches, in which:
3251 unique CDR3
13 unique J



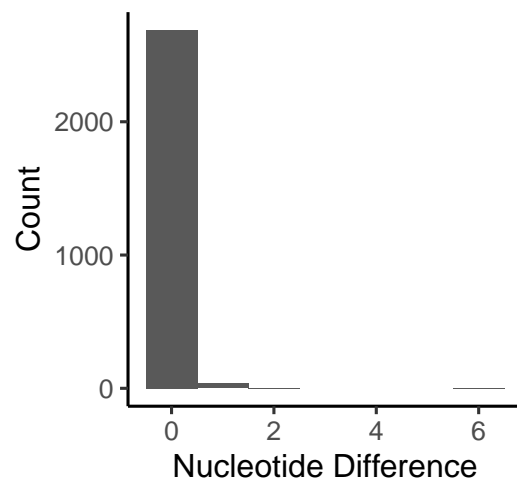
TRBV27*ap01

1704 sequences assigned
1696 (99.5%) exact matches, in which:
1691 unique CDR3
13 unique J



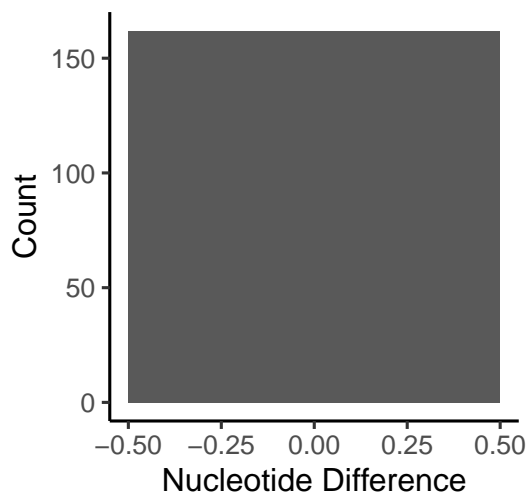
TRBV9*ap01

2725 sequences assigned
2688 (98.6%) exact matches, in which:
2673 unique CDR3
13 unique J



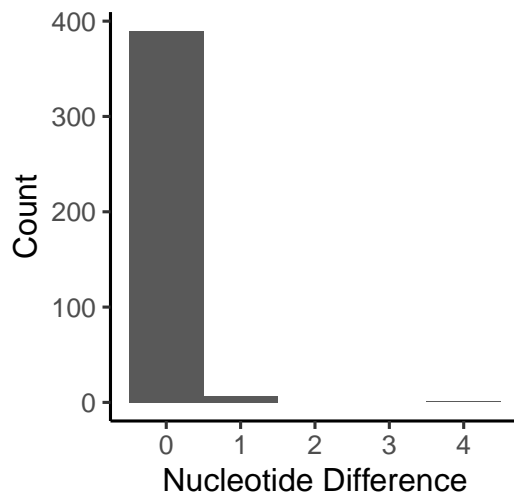
TRBV11–1*ap01

162 sequences assigned
162 (100%) exact matches, in which:
162 unique CDR3
11 unique J



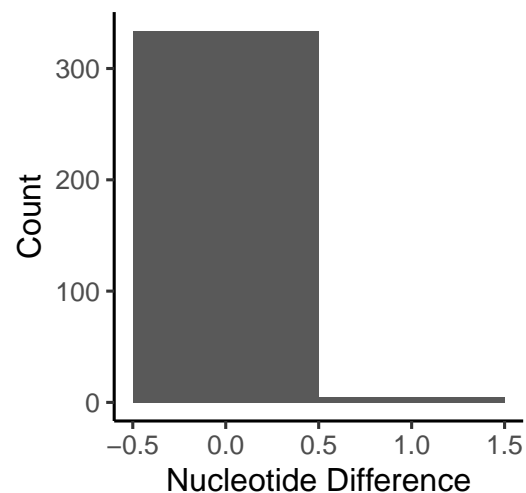
TRBV11–3*ap01

398 sequences assigned
390 (98%) exact matches, in which:
388 unique CDR3
13 unique J



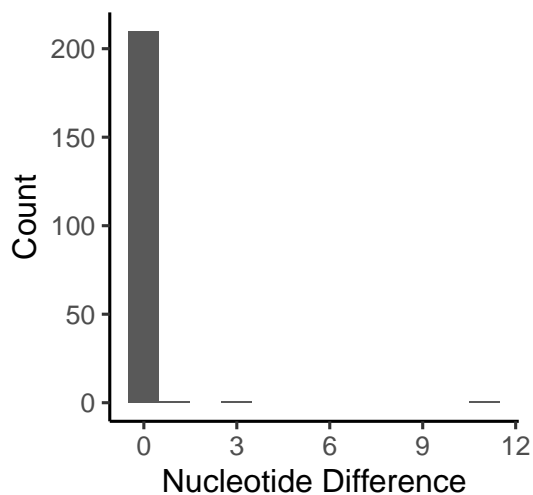
TRBV12–5*ap01

339 sequences assigned
334 (98.5%) exact matches, in which:
334 unique CDR3
13 unique J



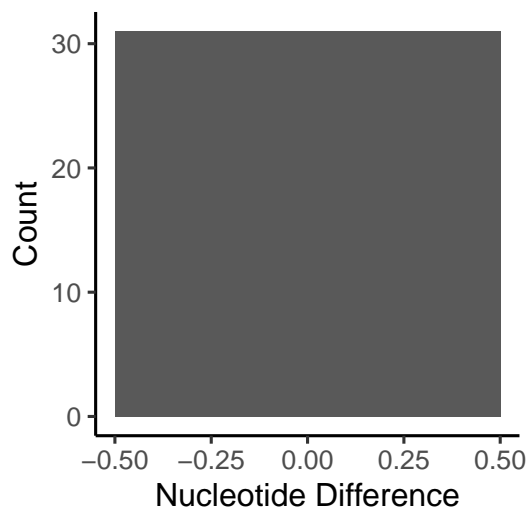
TRBV21–1*ap01

213 sequences assigned
210 (98.6%) exact matches, in which:
210 unique CDR3
13 unique J



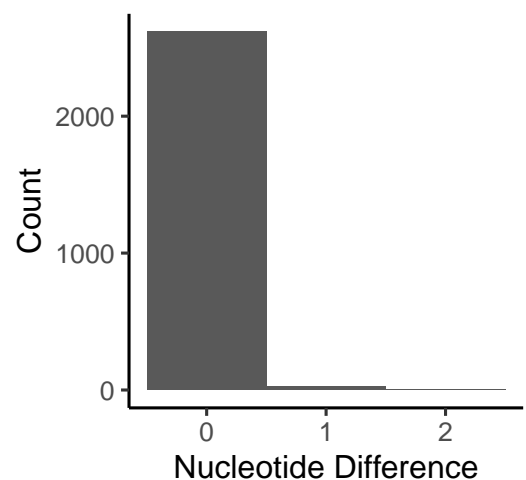
TRBV12–1*ap01

31 sequences assigned
31 (100%) exact matches, in which:
31 unique CDR3
10 unique J



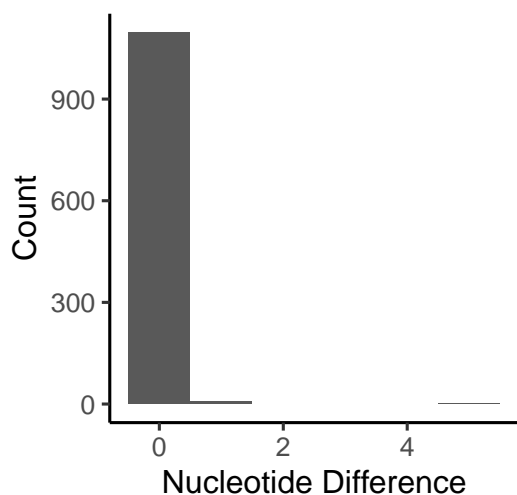
TRBV12–34*ap01

2641 sequences assigned
2617 (99.1%) exact matches, in which:
2601 unique CDR3
13 unique J



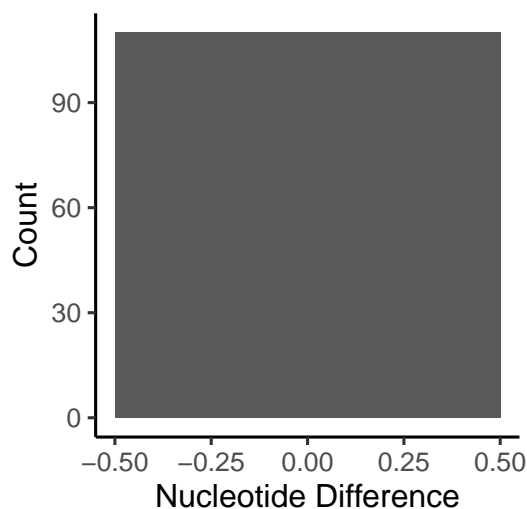
TRBV11–2*ap01

1105 sequences assigned
1097 (99.3%) exact matches, in which:
1091 unique CDR3
13 unique J



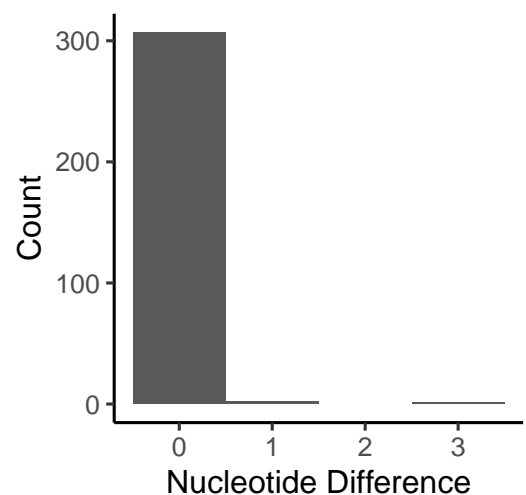
TRBV12–2*ap01

110 sequences assigned
110 (100%) exact matches, in which:
110 unique CDR3
12 unique J



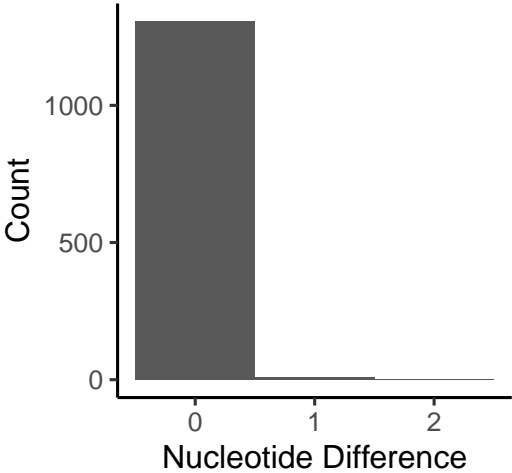
TRBV23–1*ap01

310 sequences assigned
307 (99%) exact matches, in which:
304 unique CDR3
13 unique J



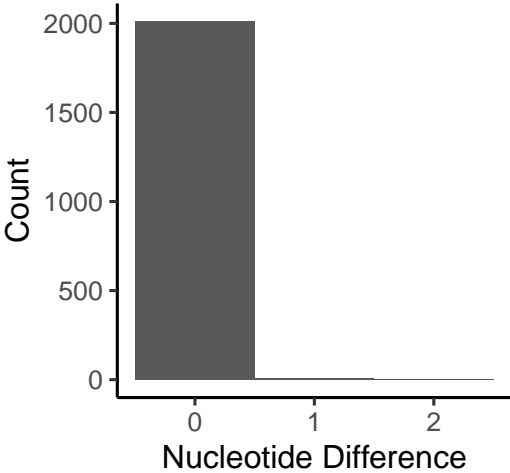
TRBV3-12*ap01

1317 sequences assigned
1306 (99.2%) exact matches, in which:
1303 unique CDR3
13 unique J



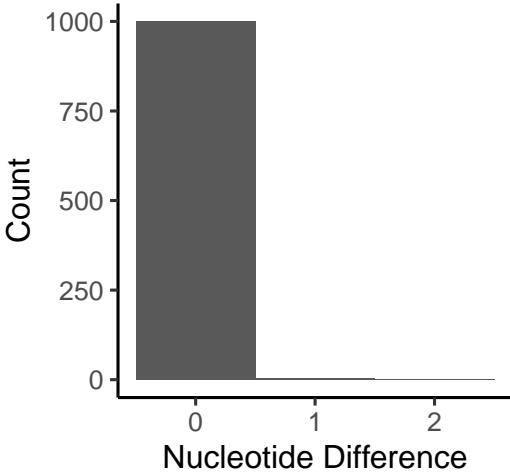
TRBV4-2*ap01

2018 sequences assigned
2011 (99.7%) exact matches, in which:
1993 unique CDR3
13 unique J



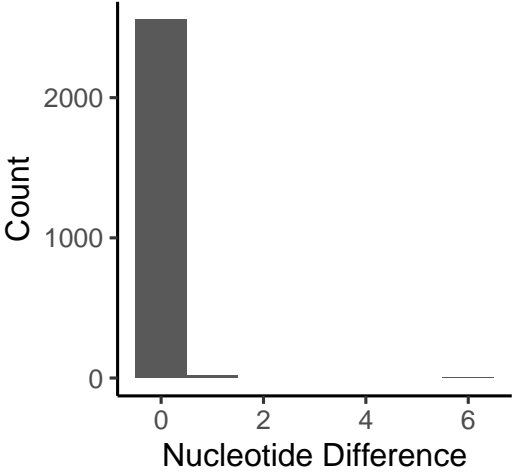
TRBV25-1*ap01

1005 sequences assigned
1000 (99.5%) exact matches, in which:
991 unique CDR3
13 unique J



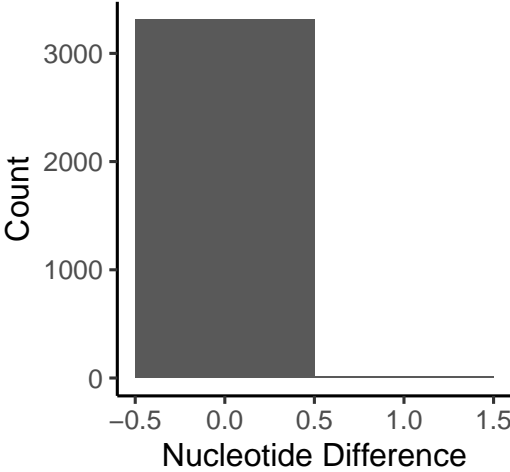
TRBV4-1*ap01

2579 sequences assigned
2556 (99.1%) exact matches, in which:
2529 unique CDR3
13 unique J



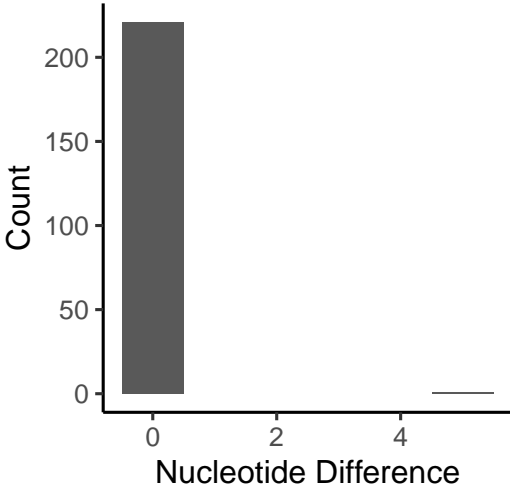
TRBV4-3*ap01

3329 sequences assigned
3311 (99.5%) exact matches, in which:
3279 unique CDR3
13 unique J



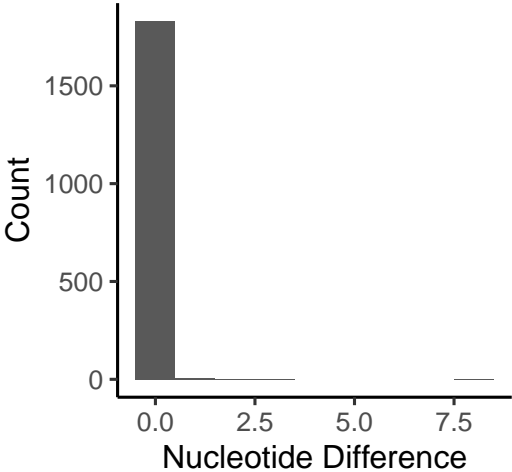
TRBV5-3*ap01

222 sequences assigned
221 (99.5%) exact matches, in which:
220 unique CDR3
13 unique J



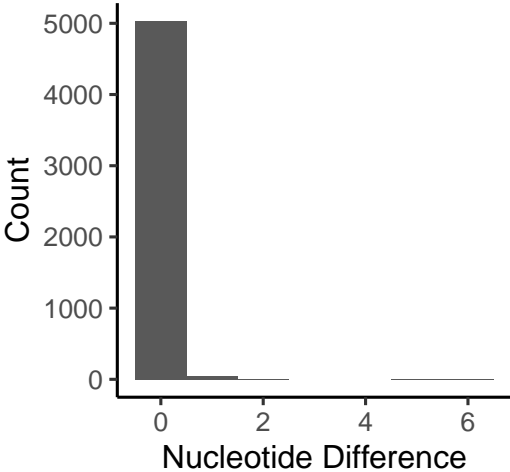
TRBV24-1*ap01

1841 sequences assigned
1831 (99.5%) exact matches, in which:
1829 unique CDR3
13 unique J



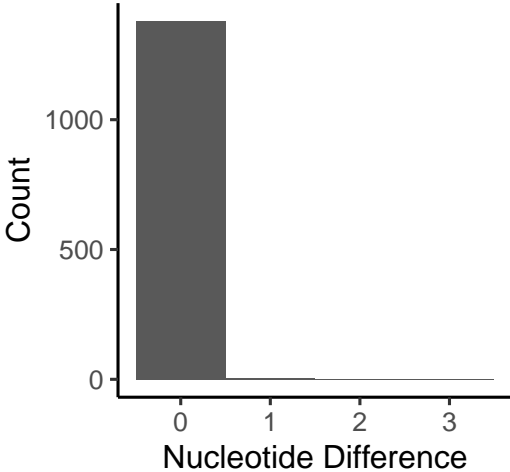
TRBV5-1*ap01

5083 sequences assigned
5032 (99%) exact matches, in which:
4997 unique CDR3
13 unique J



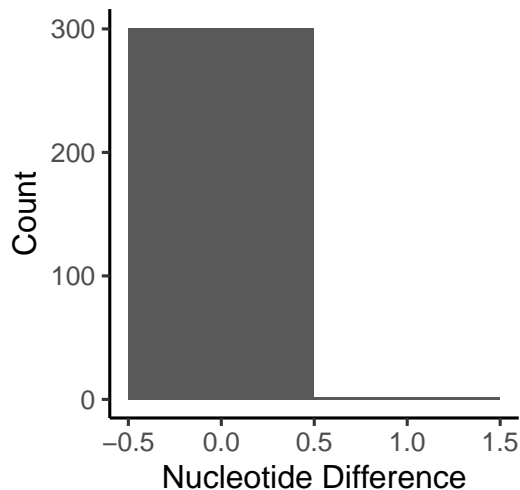
TRBV5-4*ap01

1388 sequences assigned
1380 (99.4%) exact matches, in which:
1377 unique CDR3
13 unique J



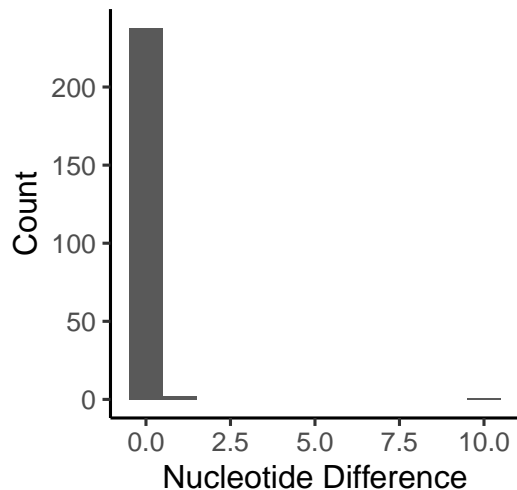
TRBV5-5*ap01

303 sequences assigned
301 (99.3%) exact matches, in which:
299 unique CDR3
13 unique J



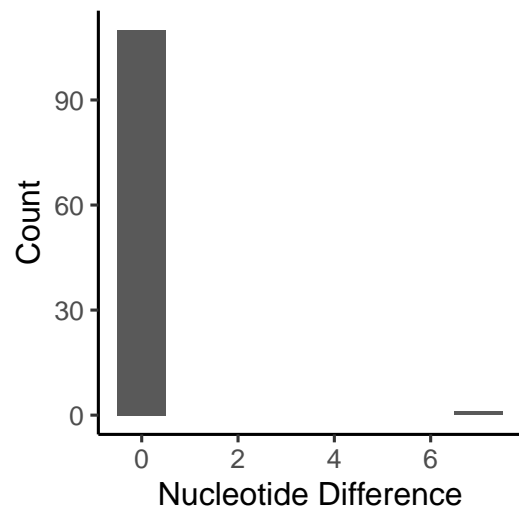
TRBV5-8*ap01

241 sequences assigned
238 (98.8%) exact matches, in which:
238 unique CDR3
13 unique J



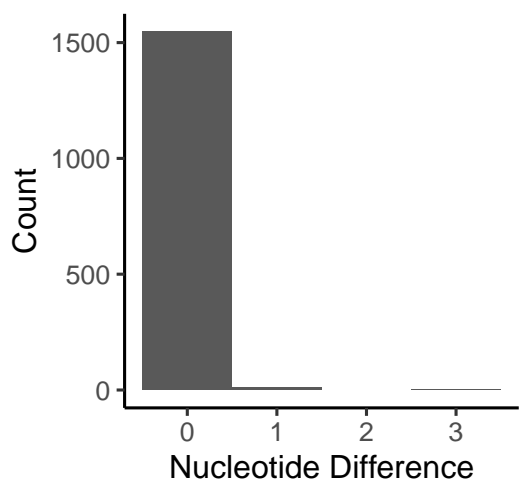
TRBV6-7*ap01

111 sequences assigned
110 (99.1%) exact matches, in which:
110 unique CDR3
13 unique J



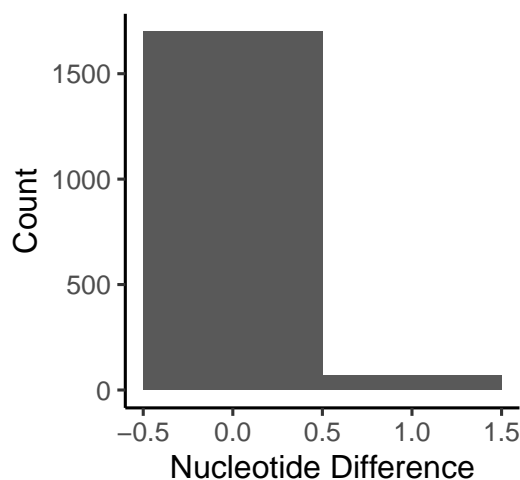
TRBV5-6*ap01

1558 sequences assigned
1547 (99.3%) exact matches, in which:
1530 unique CDR3
13 unique J



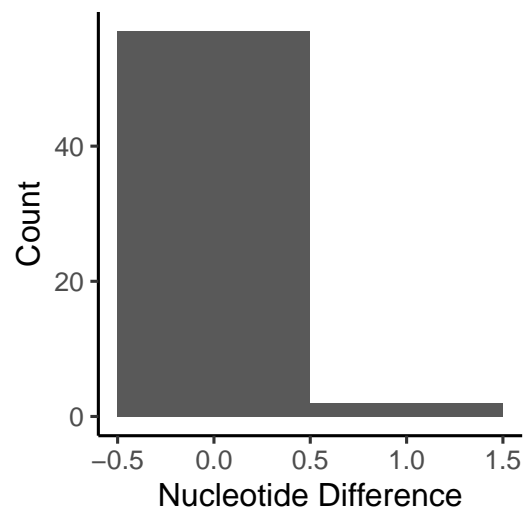
TRBV6-1*ap01

1770 sequences assigned
1699 (96%) exact matches, in which:
1689 unique CDR3
13 unique J



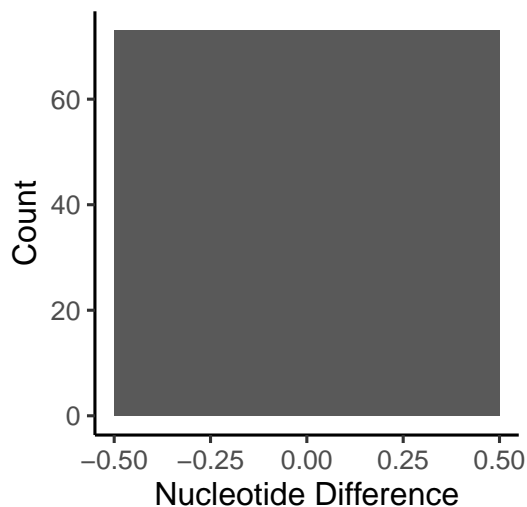
TRBV6-8*ap01

59 sequences assigned
57 (96.6%) exact matches, in which:
57 unique CDR3
11 unique J



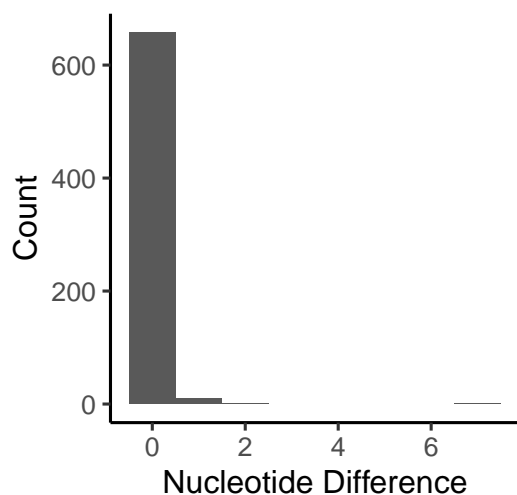
TRBV5-7*ap01

73 sequences assigned
73 (100%) exact matches, in which:
73 unique CDR3
12 unique J



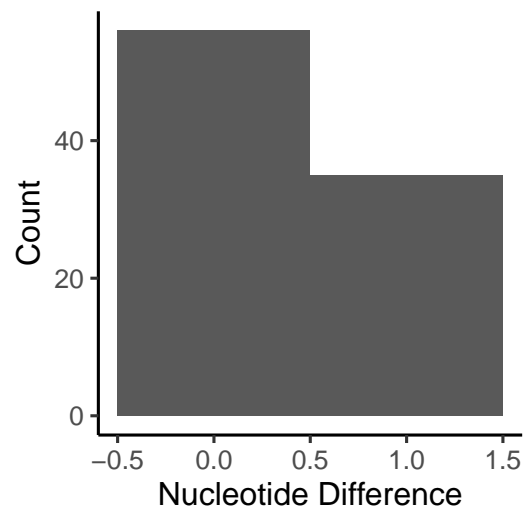
TRBV6-4*ap01

669 sequences assigned
658 (98.4%) exact matches, in which:
657 unique CDR3
13 unique J



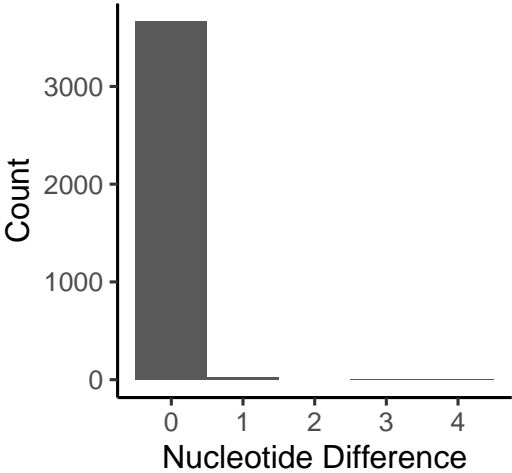
TRBV6-9*ap01

91 sequences assigned
56 (61.5%) exact matches, in which:
54 unique CDR3
13 unique J



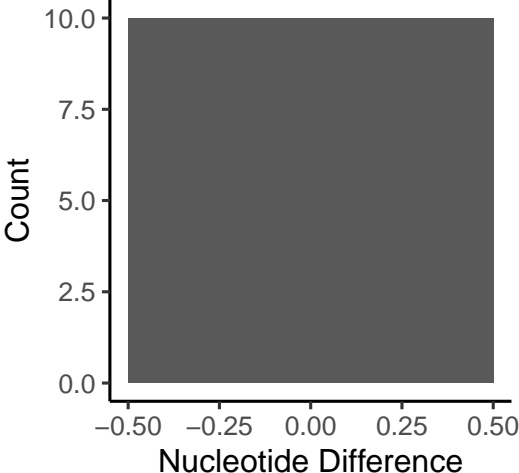
TRBV6-23*ap01

3696 sequences assigned
3665 (99.2%) exact matches, in which:
3642 unique CDR3
13 unique J



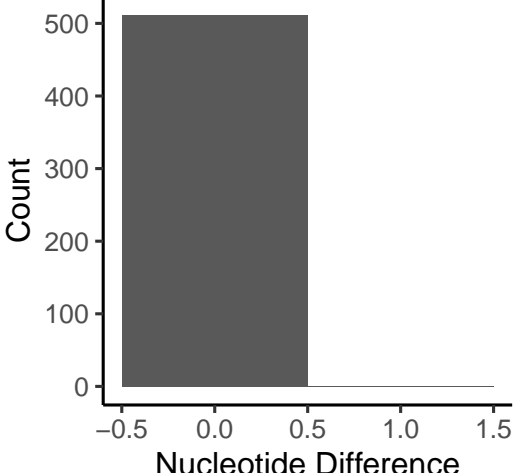
TRBV7-1*ap01_G291C_

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



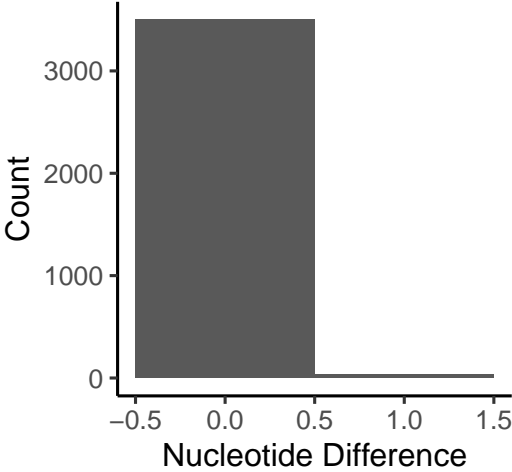
TRBV7-3*ap01

513 sequences assigned
512 (99.8%) exact matches, in which:
511 unique CDR3
13 unique J



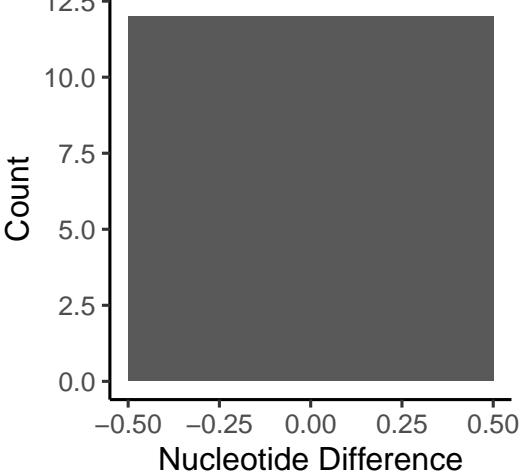
TRBV6-56*ap01

3538 sequences assigned
3500 (98.9%) exact matches, in which:
3465 unique CDR3
13 unique J



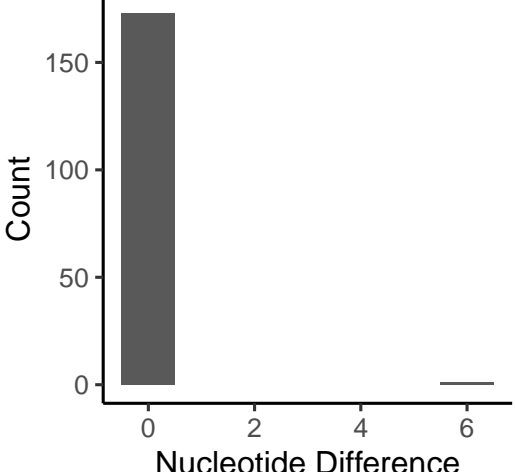
TRBV7-1*ap01_G291C_

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



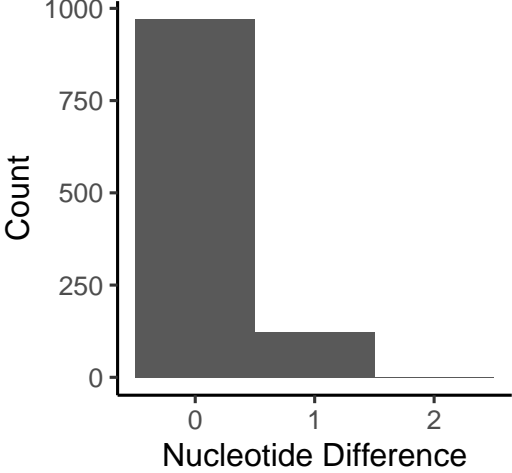
TRBV7-3*ap03

174 sequences assigned
173 (99.4%) exact matches, in which:
173 unique CDR3
13 unique J



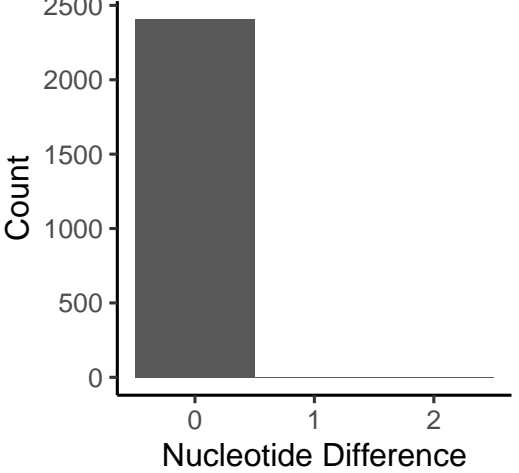
TRBV6-56*ap02

1095 sequences assigned
971 (88.7%) exact matches, in which:
960 unique CDR3
13 unique J



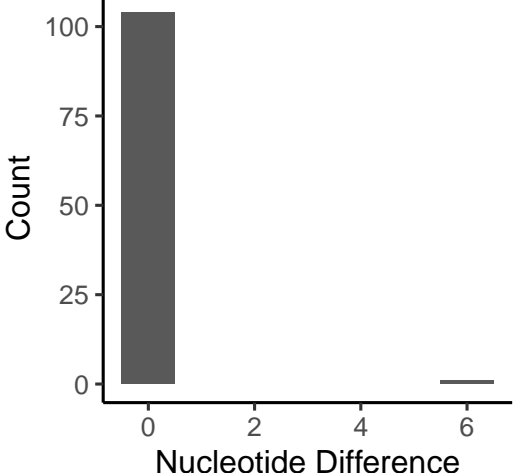
TRBV7-2*ap01

2411 sequences assigned
2408 (99.9%) exact matches, in which:
2394 unique CDR3
13 unique J



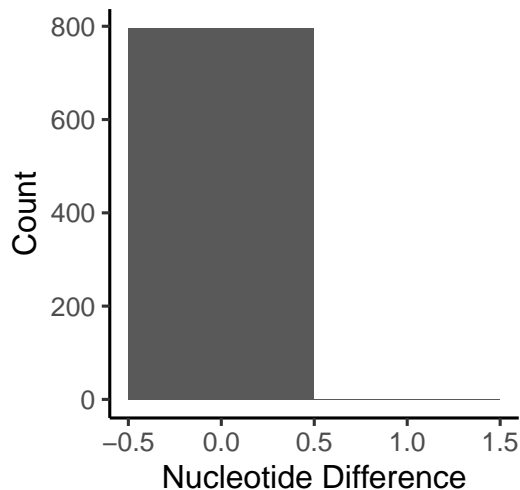
TRBV7-4*ap01

105 sequences assigned
104 (99%) exact matches, in which:
104 unique CDR3
11 unique J



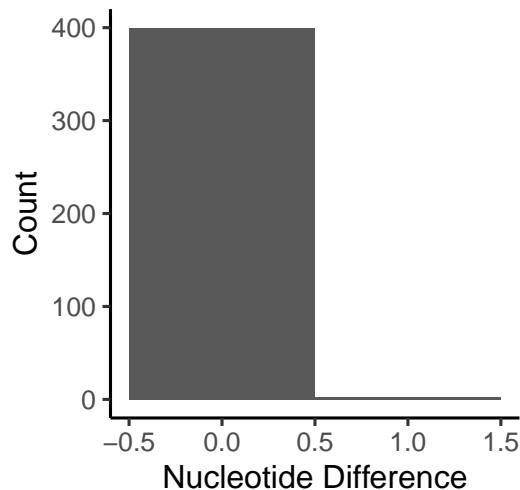
TRBV7-6*ap01

798 sequences assigned
797 (99.9%) exact matches, in which:
793 unique CDR3
13 unique J



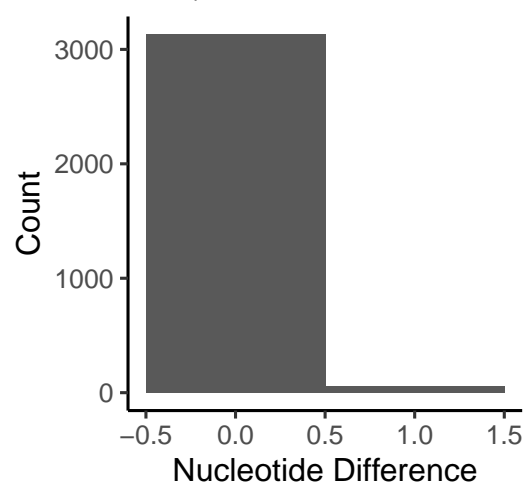
TRBV7-8*ap01

403 sequences assigned
400 (99.3%) exact matches, in which:
400 unique CDR3
13 unique J



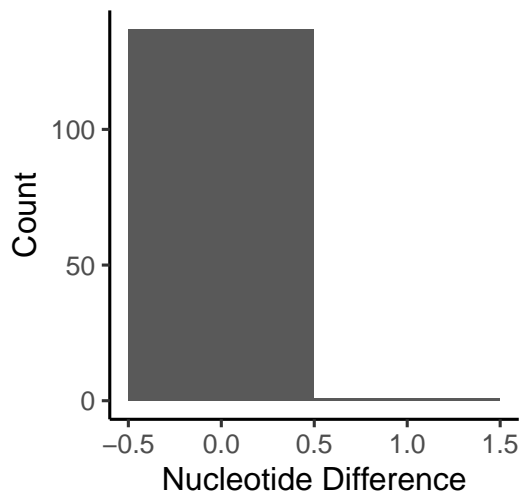
TRBV29-1*ap01

3186 sequences assigned
3131 (98.3%) exact matches, in which:
3067 unique CDR3
13 unique J



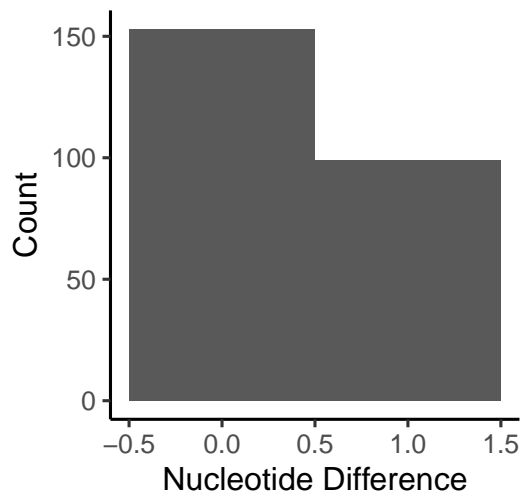
TRBV7-7*ap01

138 sequences assigned
137 (99.3%) exact matches, in which:
135 unique CDR3
13 unique J



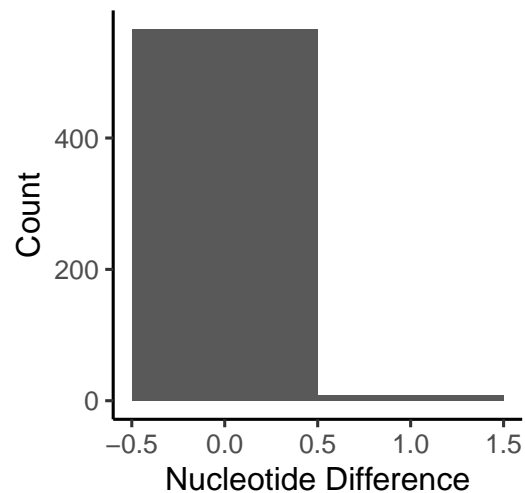
TRBV7-8*ap03

252 sequences assigned
153 (60.7%) exact matches, in which:
153 unique CDR3
13 unique J



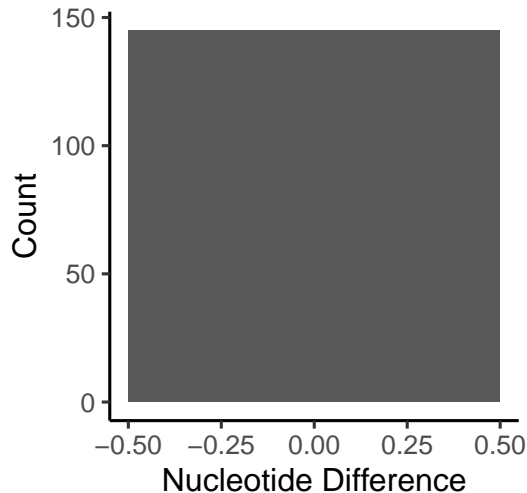
TRBV29-1*ap02

574 sequences assigned
566 (98.6%) exact matches, in which:
557 unique CDR3
13 unique J



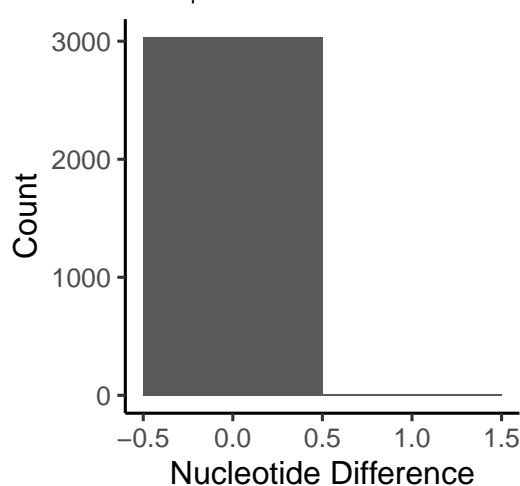
TRBV7-7*ap01_C315T

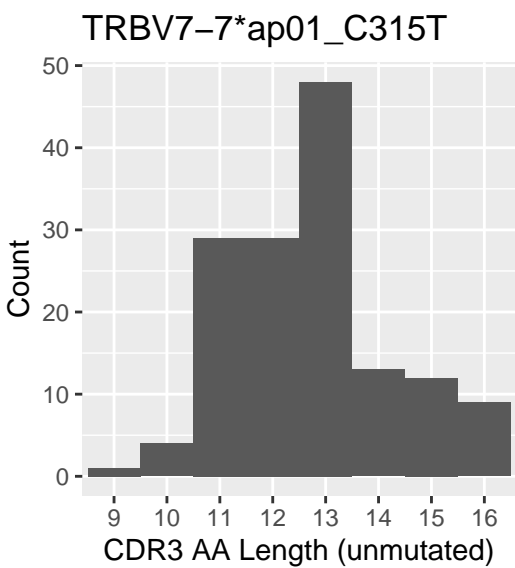
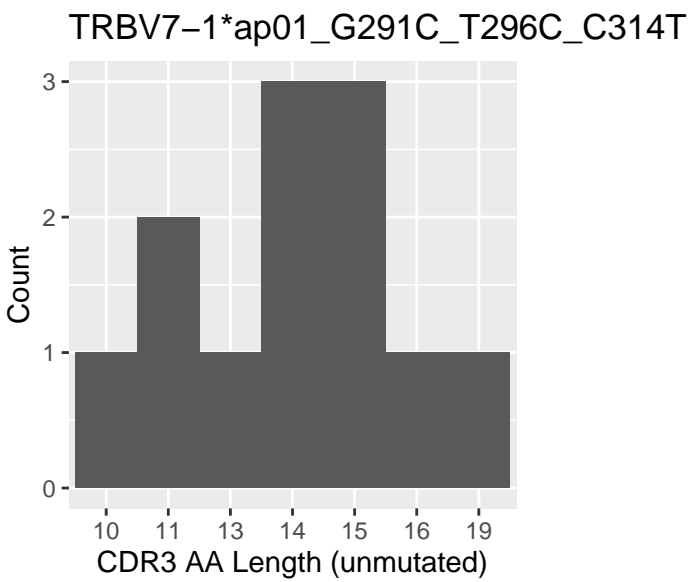
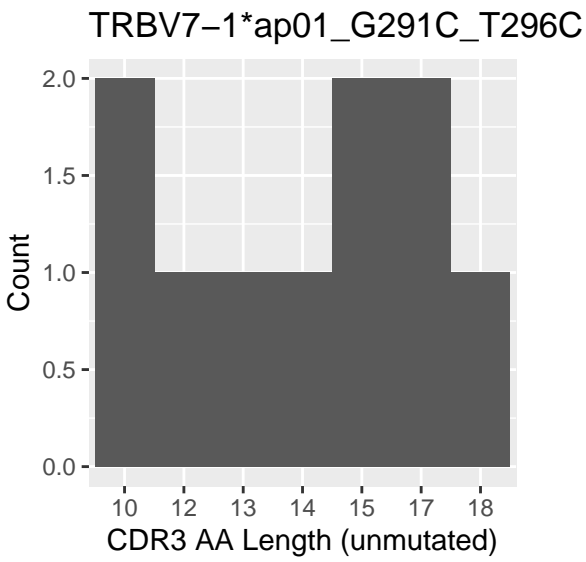
145 sequences assigned
145 (100%) exact matches, in which:
142 unique CDR3
13 unique J



TRBV7-9*ap01

3047 sequences assigned
3035 (99.6%) exact matches, in which:
3012 unique CDR3
13 unique J







Warning – no inferred sequences found.