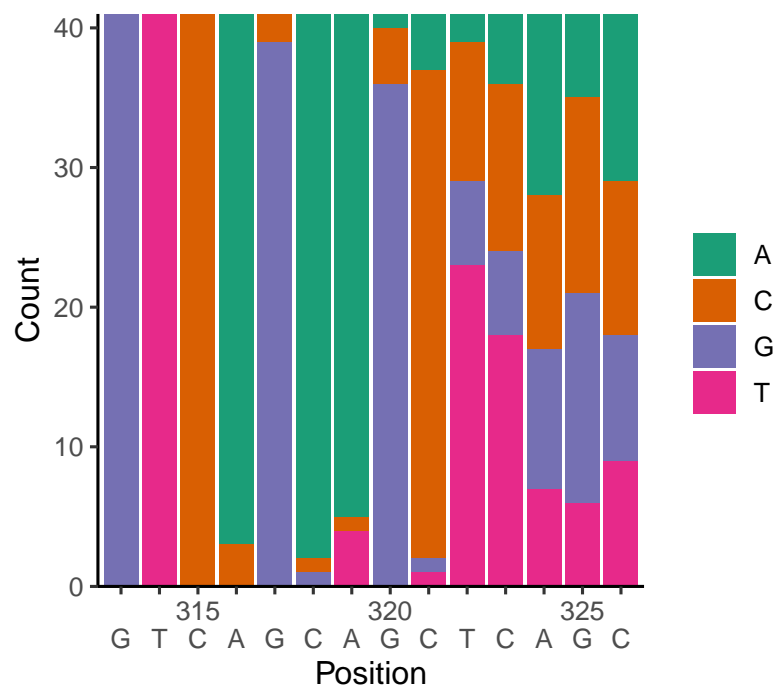
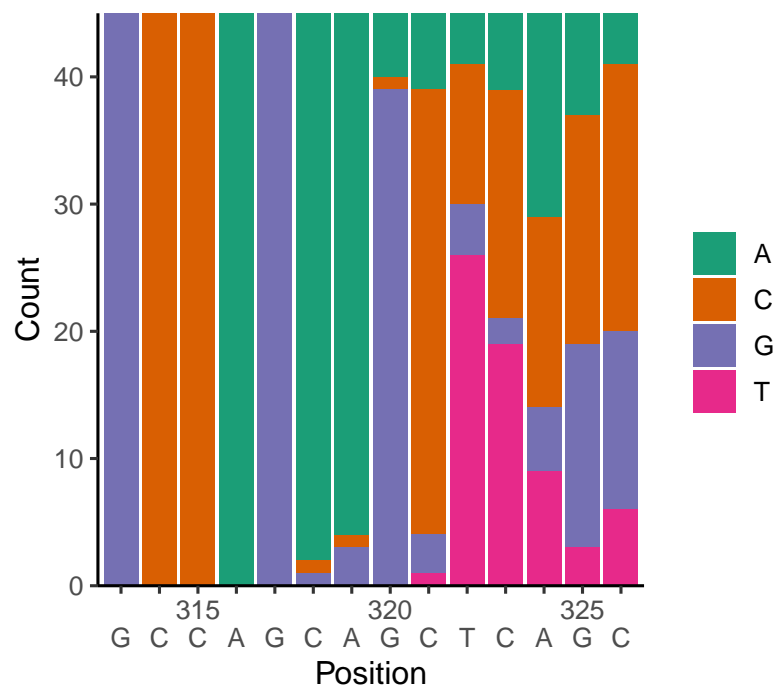


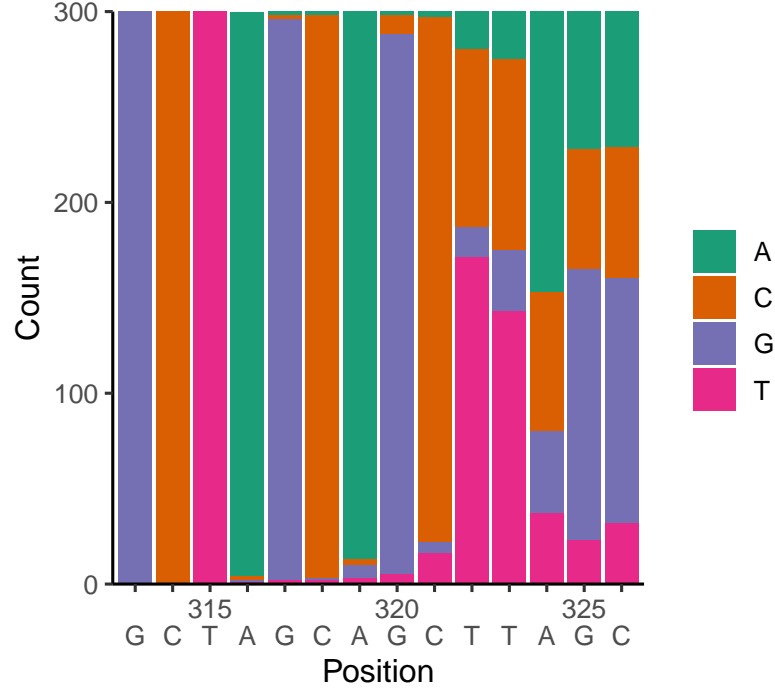
Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-1*ap01_G291C_T296C



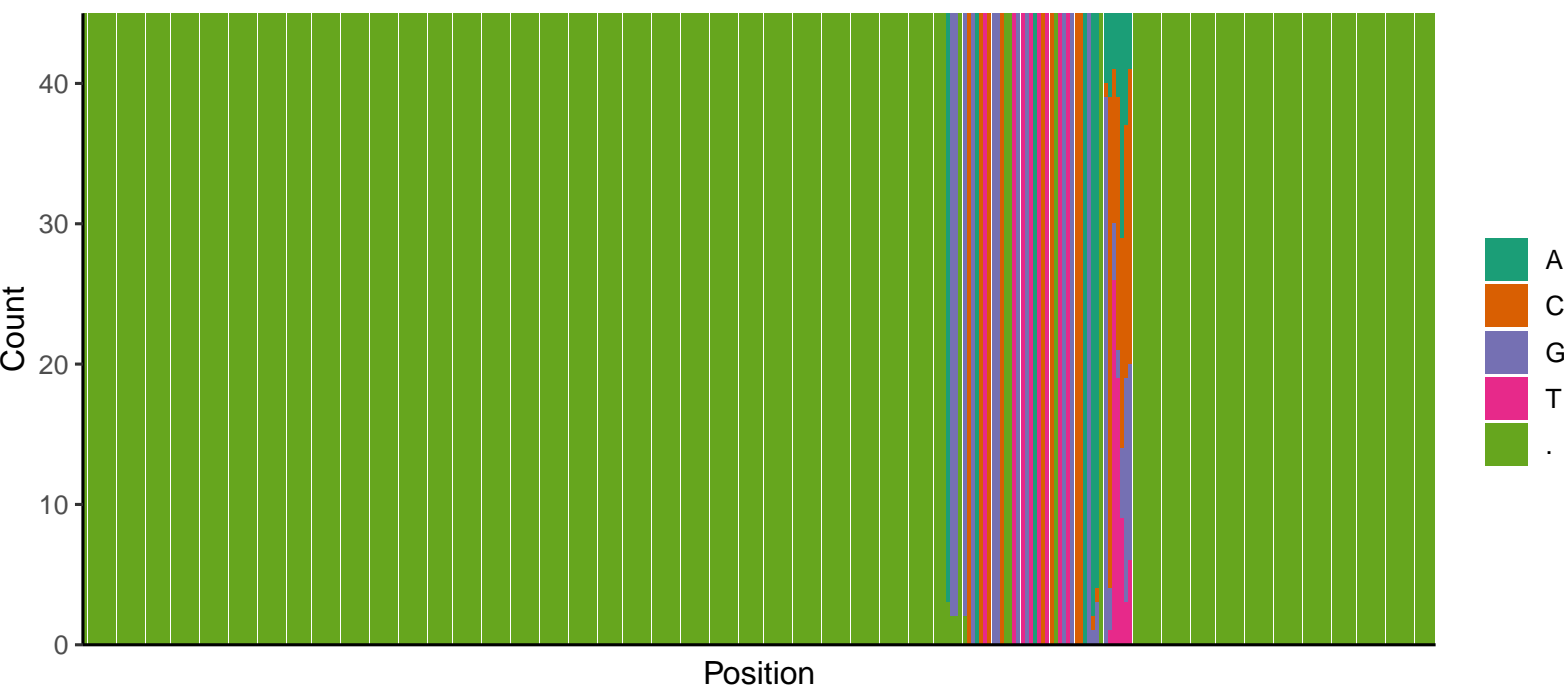
Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C_C314T



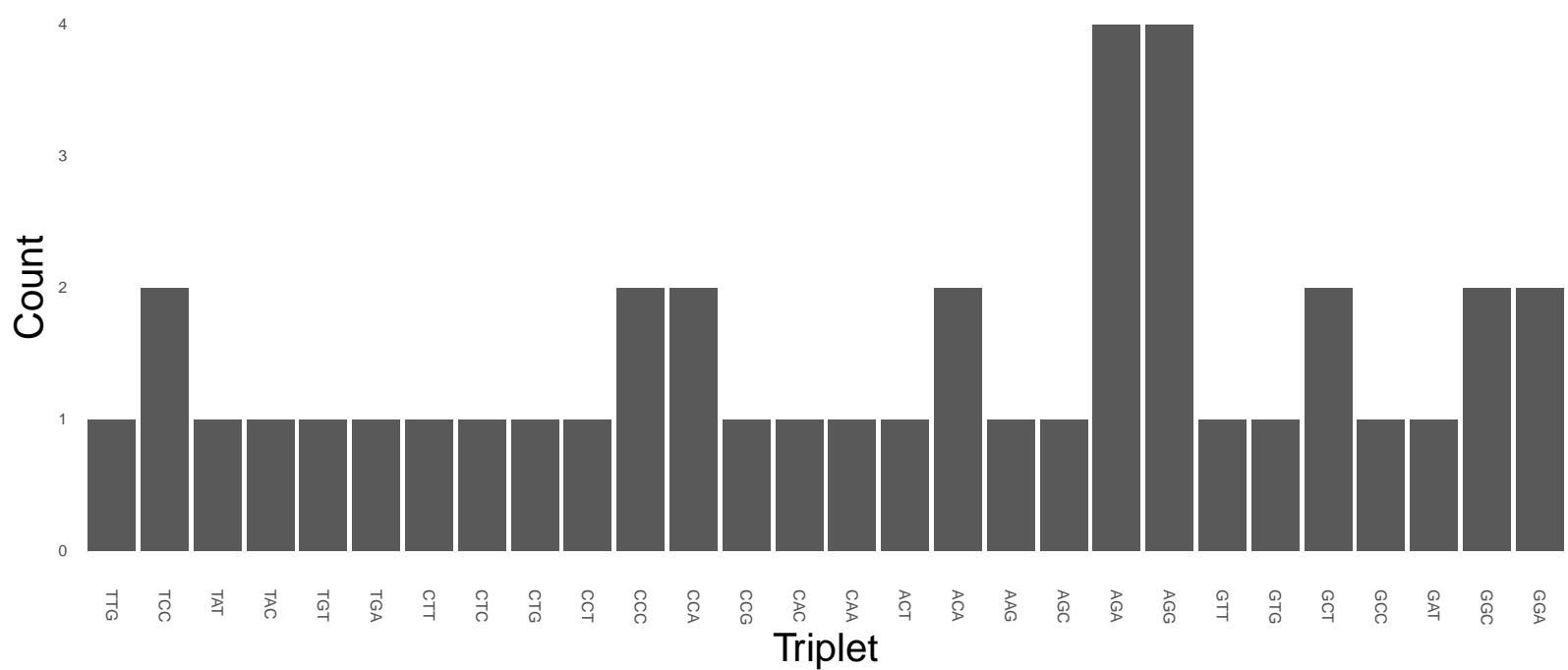
Gene TRBV7-1*ap01_G291C_T296C



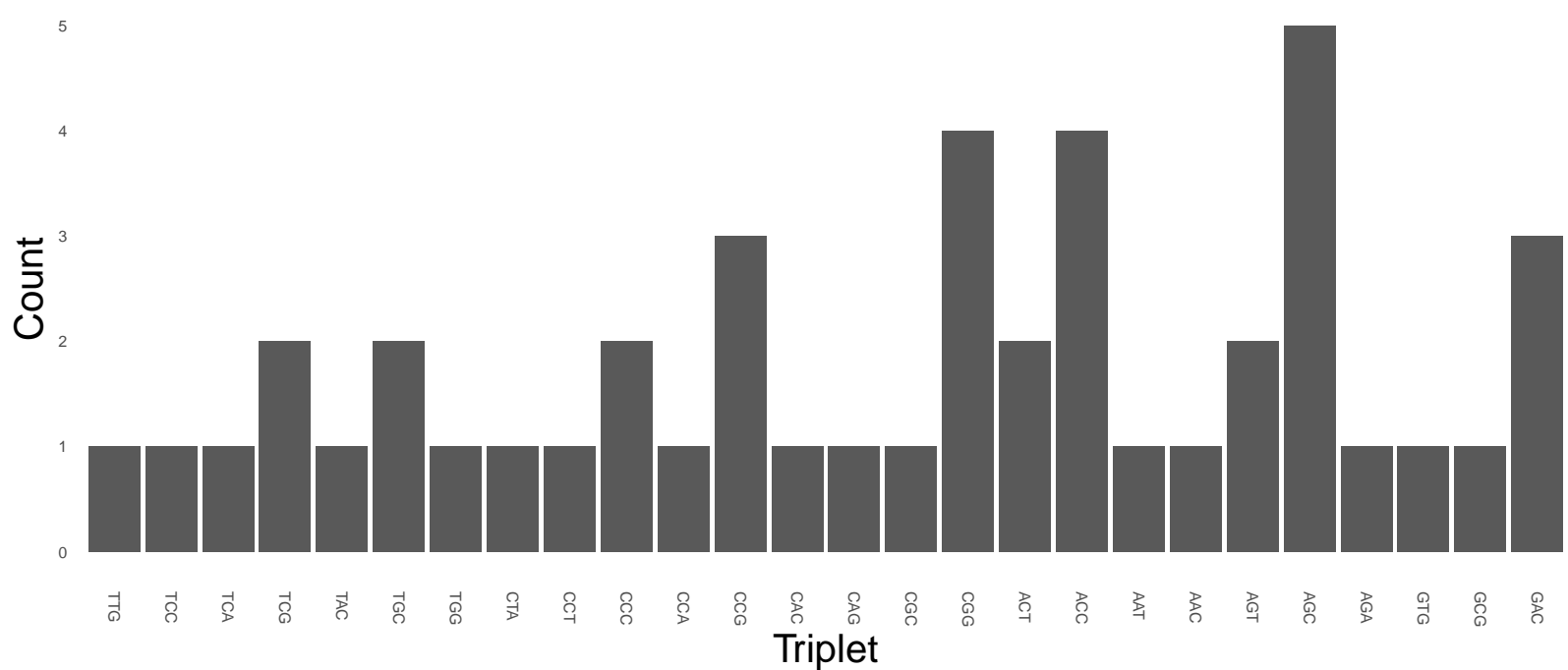
Gene TRBV7-7*ap01_C315T



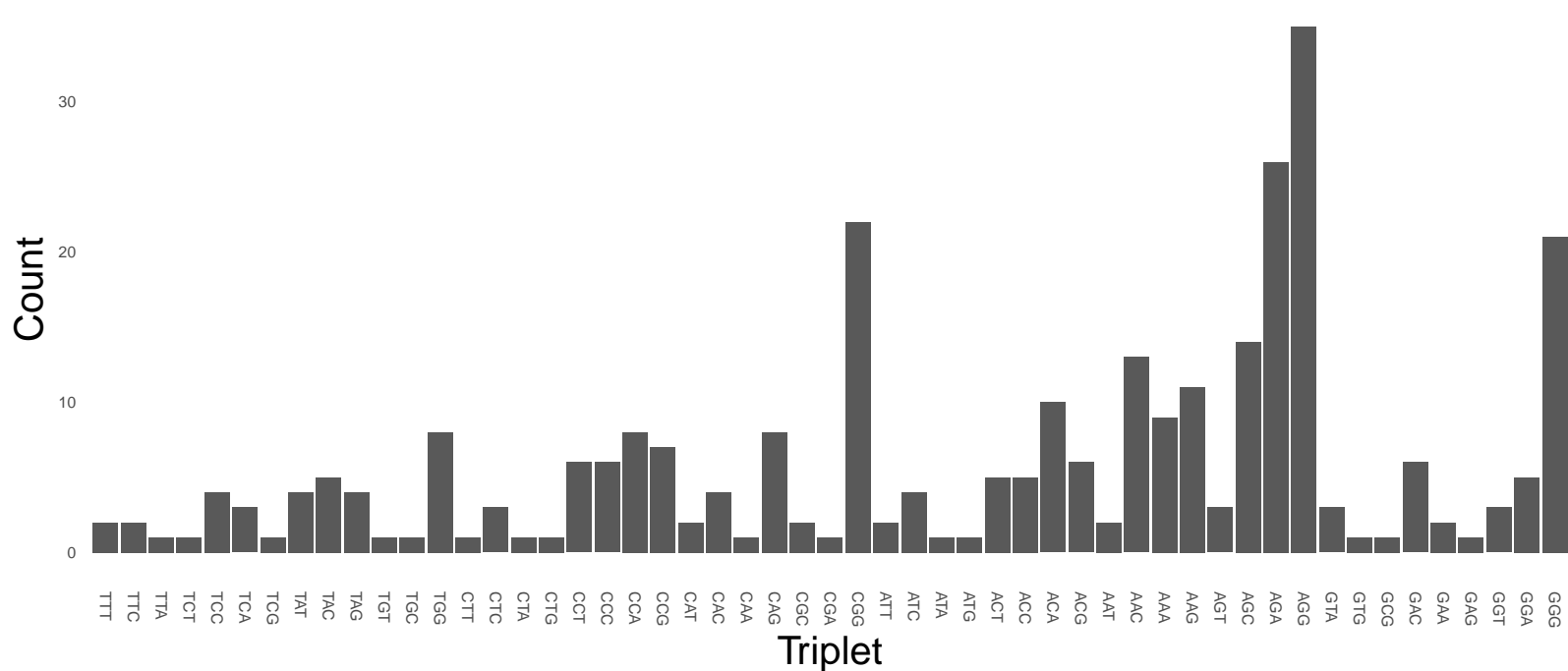
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

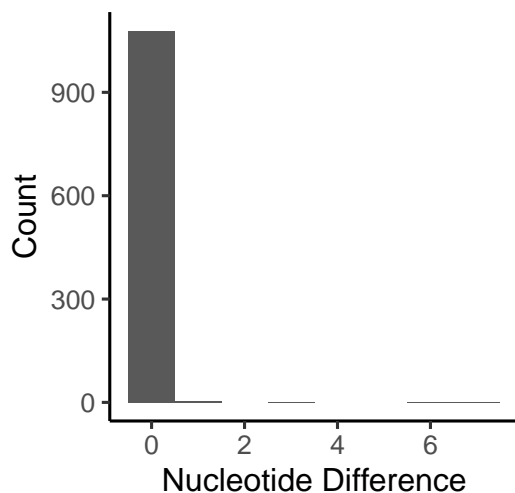


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



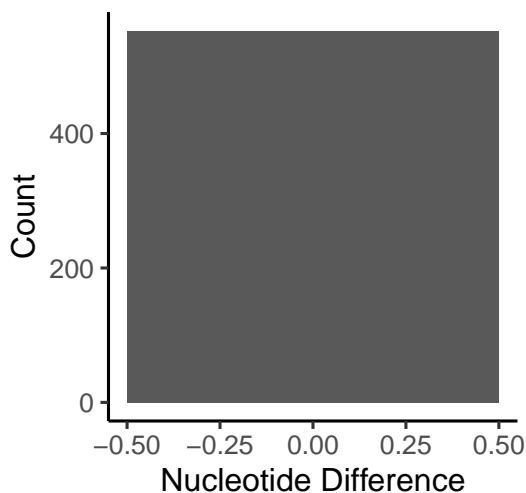
TRBV10–1*ap01

1086 sequences assigned
1079 (99.4%) exact matches, in which:
1078 unique CDR3
13 unique J



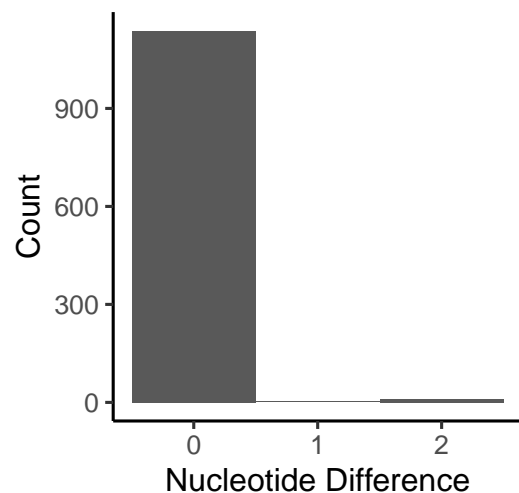
TRBV10–2*ap01

553 sequences assigned
553 (100%) exact matches, in which:
553 unique CDR3
13 unique J



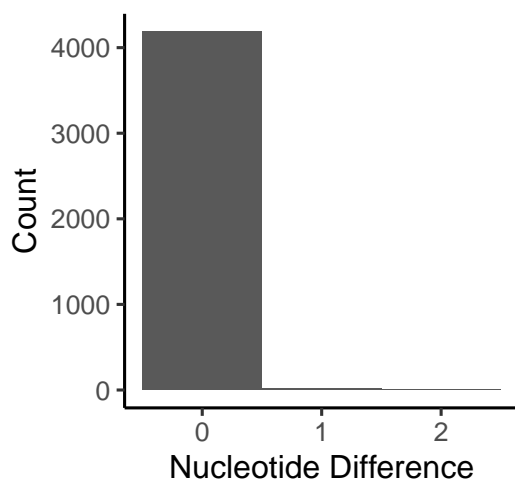
TRBV13*ap01

1152 sequences assigned
1138 (98.8%) exact matches, in which:
1134 unique CDR3
13 unique J



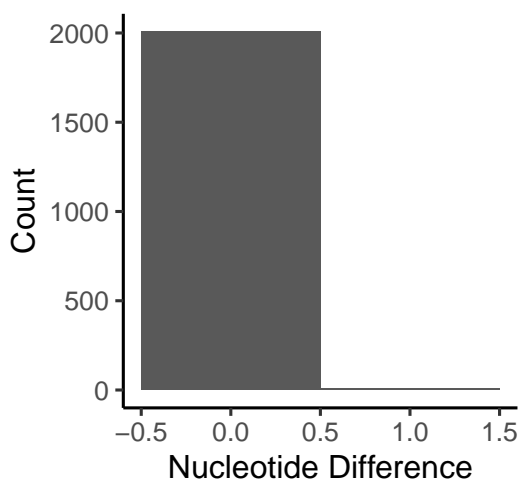
TRBV20–1*ap01

4200 sequences assigned
4186 (99.7%) exact matches, in which:
4161 unique CDR3
13 unique J



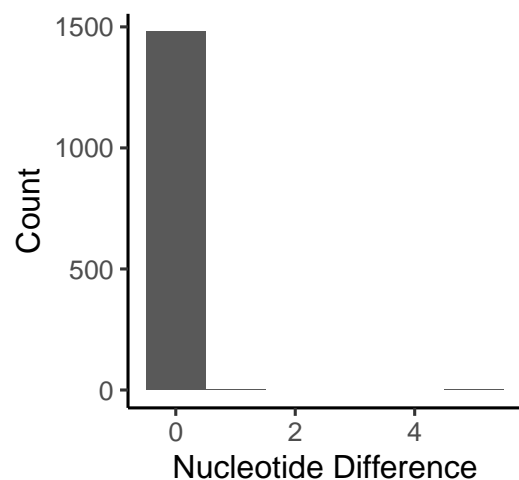
TRBV10–3*ap01

2013 sequences assigned
2007 (99.7%) exact matches, in which:
2001 unique CDR3
13 unique J



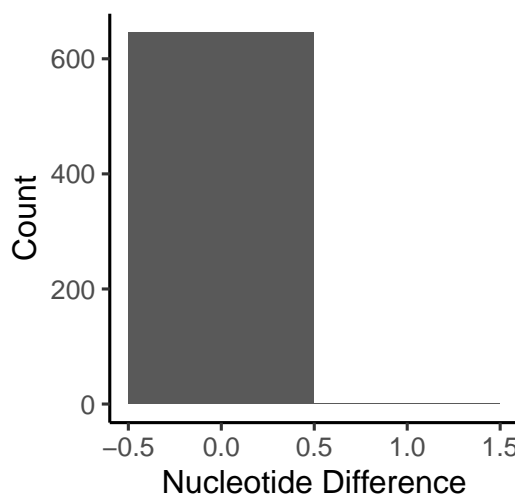
TRBV14*ap01

1482 sequences assigned
1480 (99.9%) exact matches, in which:
1479 unique CDR3
13 unique J



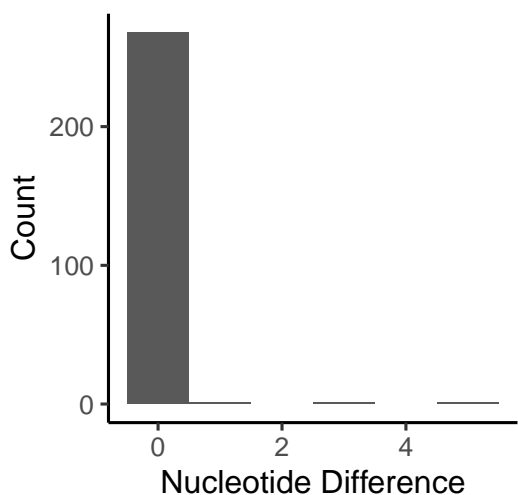
TRBV20–1*ap02

647 sequences assigned
646 (99.8%) exact matches, in which:
645 unique CDR3
13 unique J



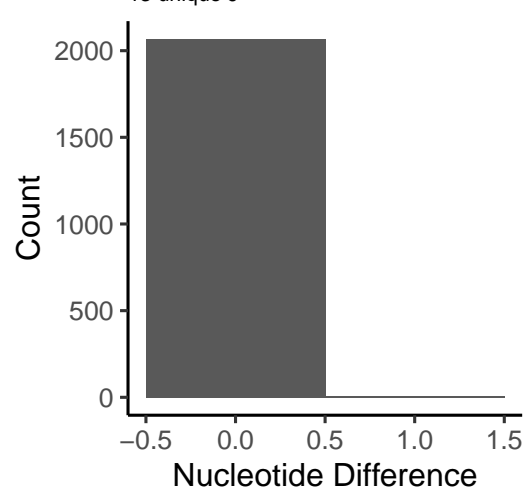
TRBV1*ap01

271 sequences assigned
268 (98.9%) exact matches, in which:
268 unique CDR3
13 unique J



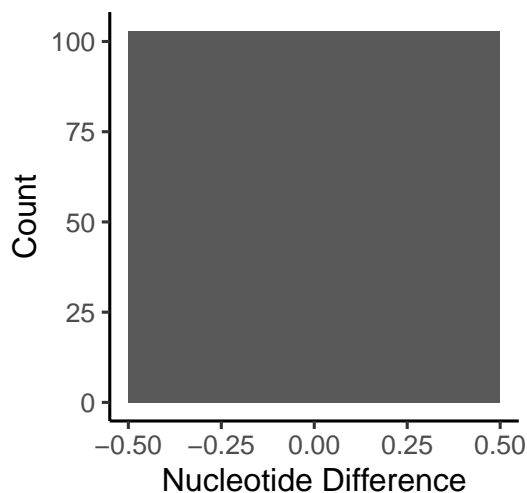
TRBV15*ap02

2074 sequences assigned
2067 (99.7%) exact matches, in which:
2061 unique CDR3
13 unique J



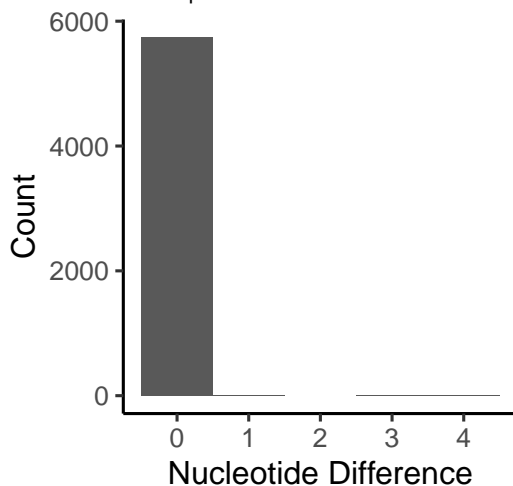
TRBV16*ap01

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



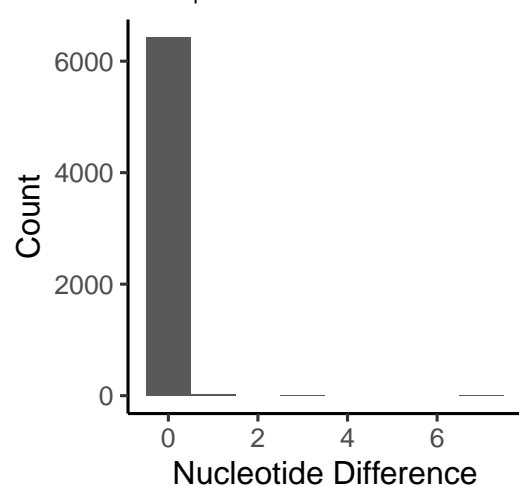
TRBV19*ap01

5756 sequences assigned
5740 (99.7%) exact matches, in which:
5738 unique CDR3
13 unique J



TRBV27*ap01

6453 sequences assigned
6426 (99.6%) exact matches, in which:
6405 unique CDR3
13 unique J



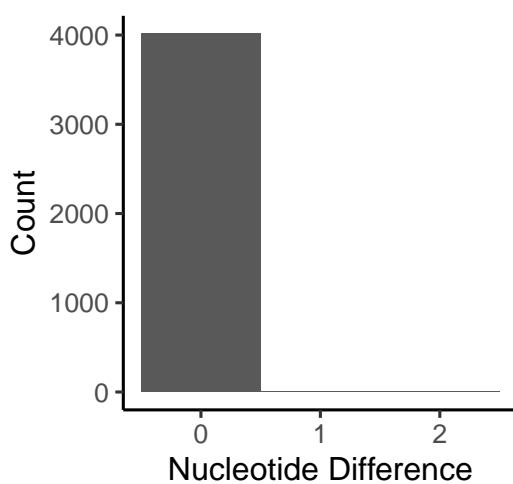
TRBV17*ap01

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



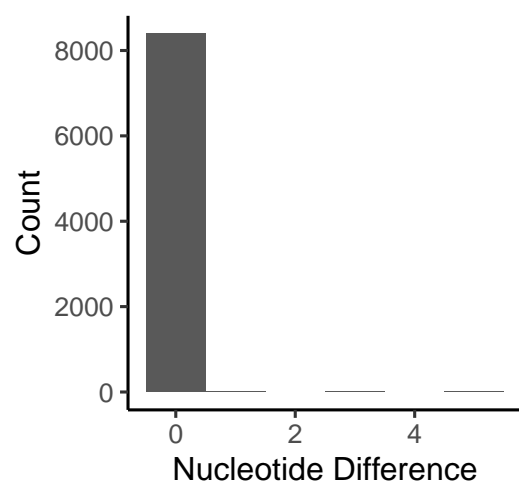
TRBV2*ap01

4028 sequences assigned
4015 (99.7%) exact matches, in which:
4002 unique CDR3
13 unique J



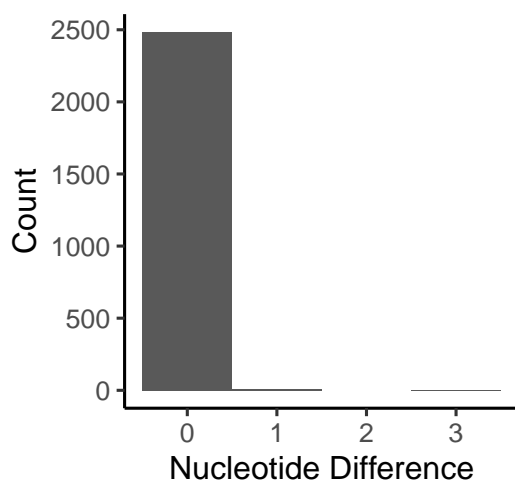
TRBV28*ap01

8405 sequences assigned
8393 (99.9%) exact matches, in which:
8387 unique CDR3
13 unique J



TRBV18*ap01

2492 sequences assigned
2484 (99.7%) exact matches, in which:
2482 unique CDR3
13 unique J



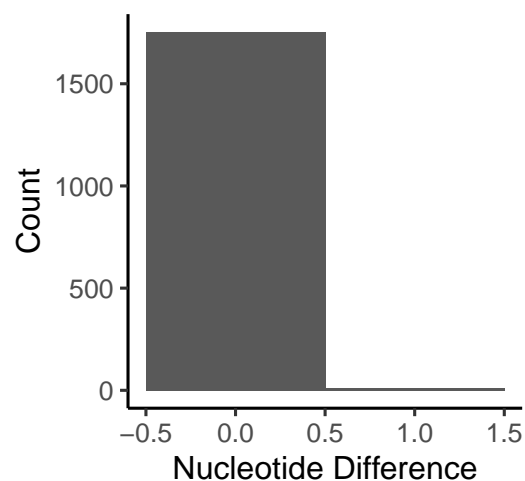
TRBV26*ap01

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



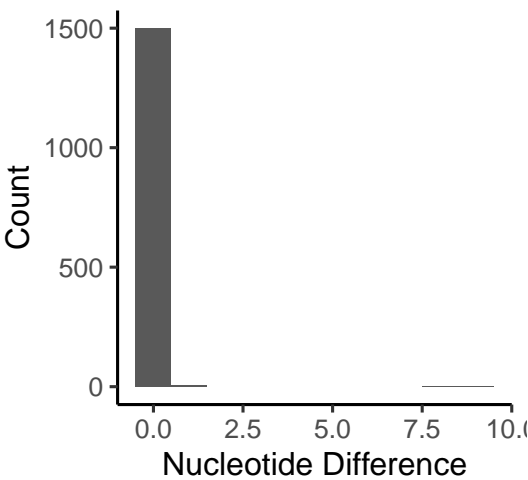
TRBV30*ap01

1763 sequences assigned
1753 (99.4%) exact matches, in which:
1750 unique CDR3
13 unique J



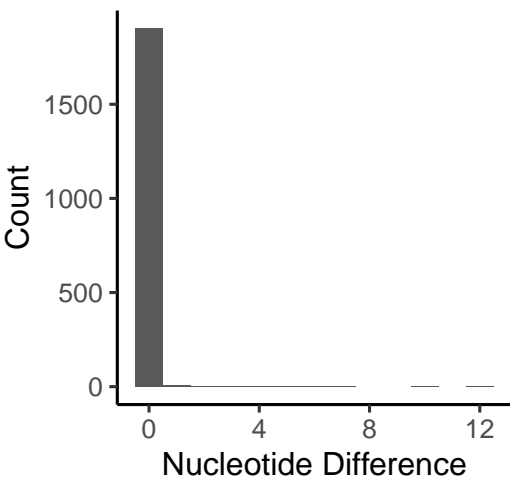
TRBV30*ap02

1509 sequences assigned
1499 (99.3%) exact matches, in which:
1497 unique CDR3
13 unique J



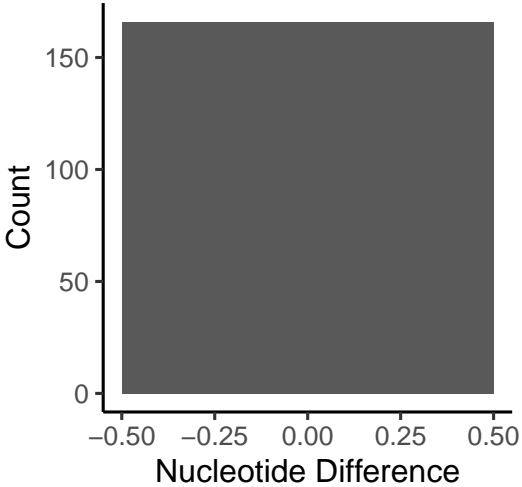
TRBV21-1*ap01

1925 sequences assigned
1903 (98.9%) exact matches, in which:
1902 unique CDR3
13 unique J



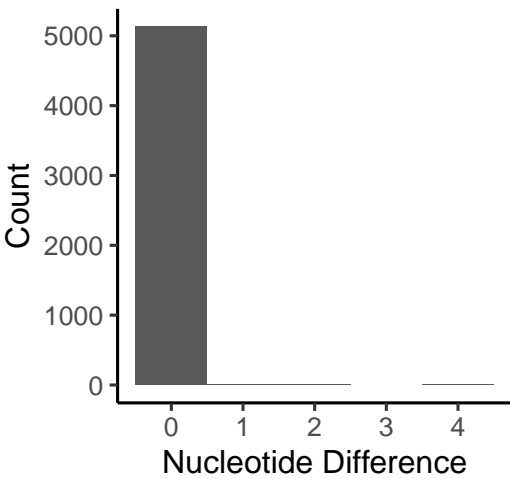
TRBV12-1*ap01

166 sequences assigned
166 (100%) exact matches, in which:
165 unique CDR3
13 unique J



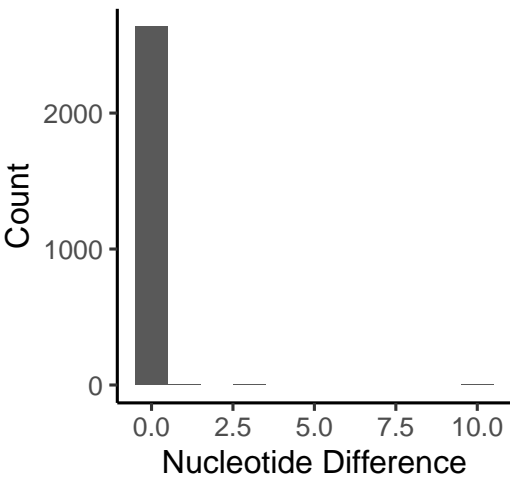
TRBV9*ap01

5141 sequences assigned
5130 (99.8%) exact matches, in which:
5119 unique CDR3
13 unique J



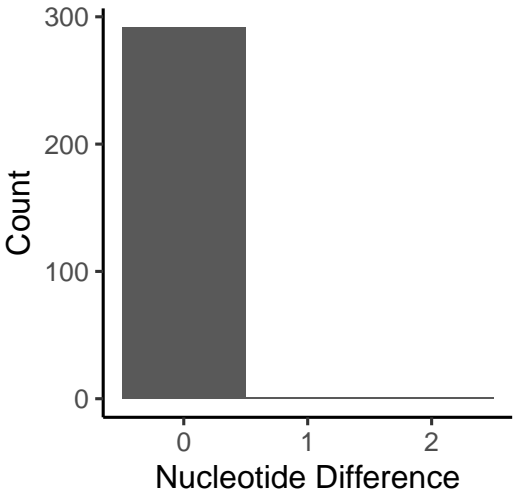
TRBV11-2*ap01

2639 sequences assigned
2635 (99.8%) exact matches, in which:
2632 unique CDR3
13 unique J



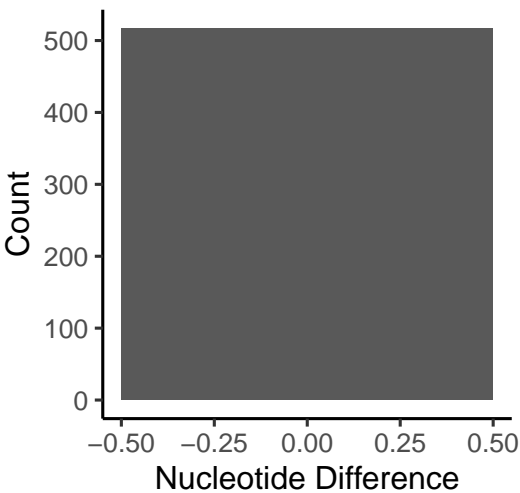
TRBV12-2*ap01

294 sequences assigned
292 (99.3%) exact matches, in which:
290 unique CDR3
13 unique J



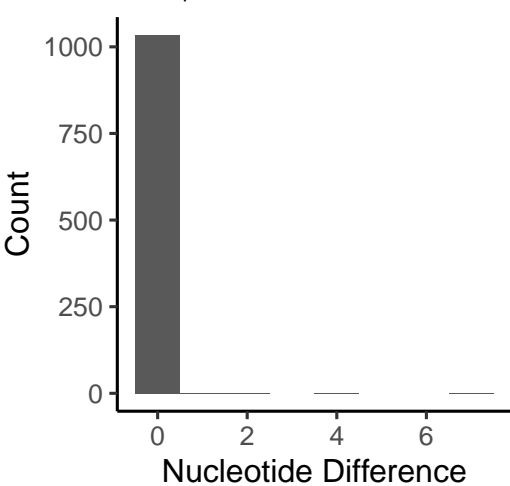
TRBV11-1*ap01

517 sequences assigned
517 (100%) exact matches, in which:
516 unique CDR3
13 unique J



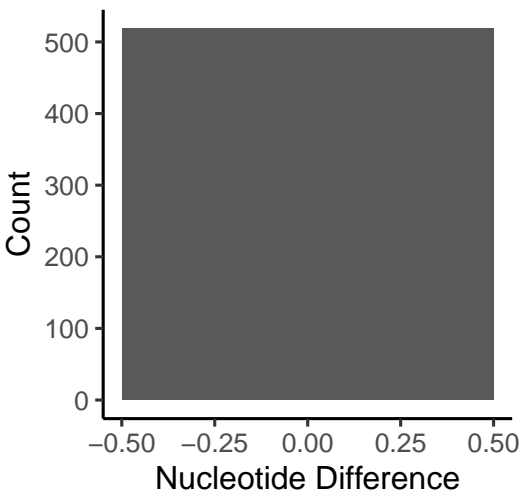
TRBV11-3*ap01

1038 sequences assigned
1034 (99.6%) exact matches, in which:
1034 unique CDR3
13 unique J



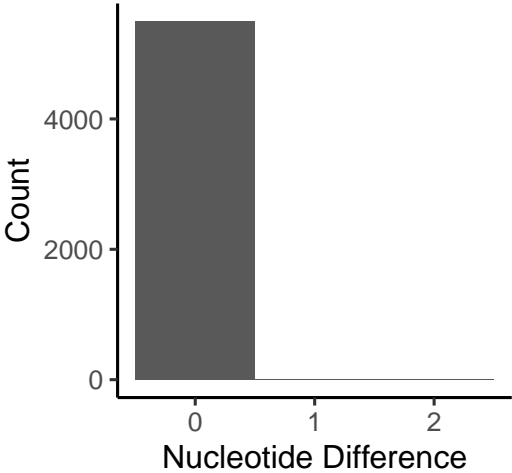
TRBV12-5*ap01

519 sequences assigned
519 (100%) exact matches, in which:
518 unique CDR3
13 unique J



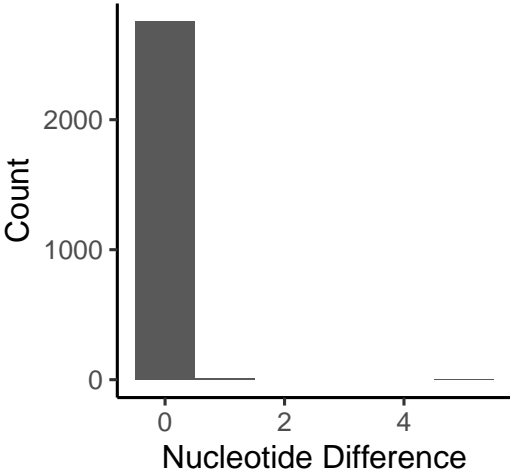
TRBV12-34*ap01

5507 sequences assigned
5496 (99.8%) exact matches, in which:
5486 unique CDR3
13 unique J



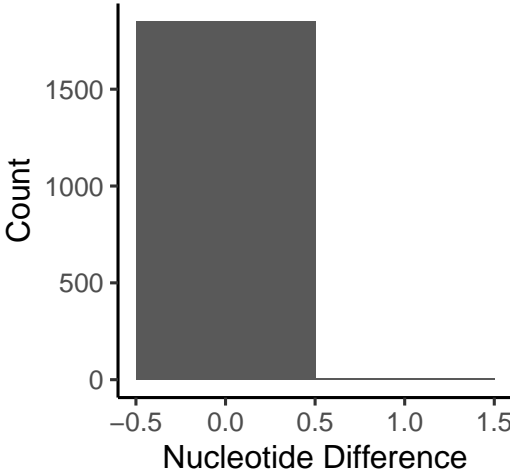
TRBV4-1*ap01

2765 sequences assigned
2756 (99.7%) exact matches, in which:
2750 unique CDR3
13 unique J



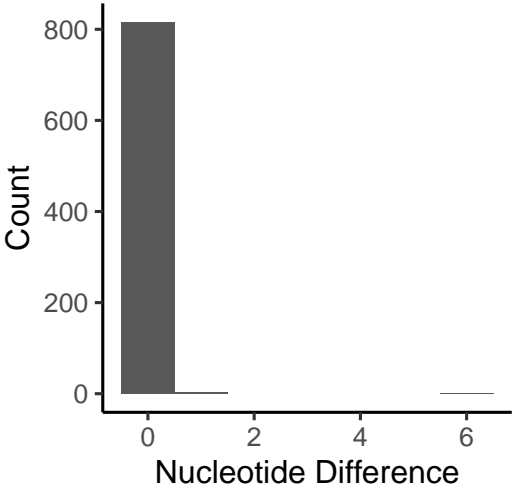
TRBV4-3*ap01

1856 sequences assigned
1850 (99.7%) exact matches, in which:
1849 unique CDR3
13 unique J



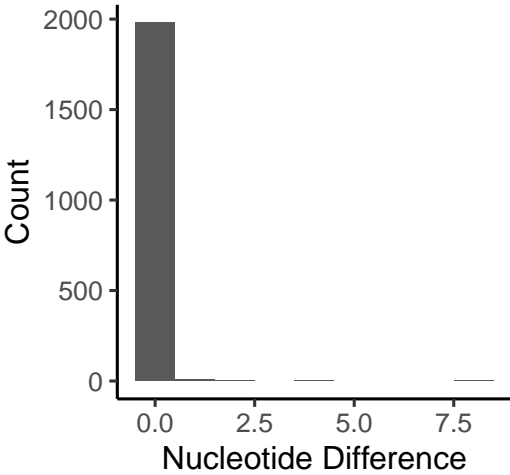
TRBV23-1*ap01

820 sequences assigned
816 (99.5%) exact matches, in which:
816 unique CDR3
13 unique J



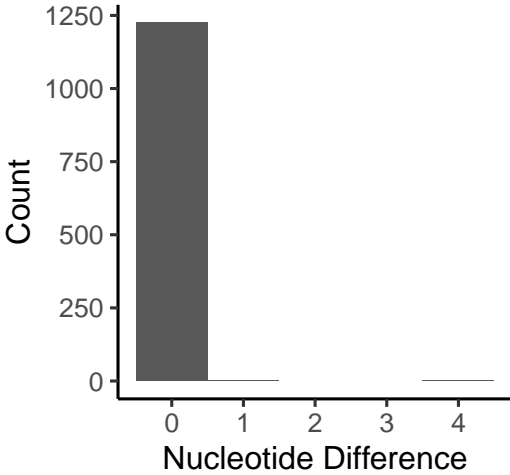
TRBV24-1*ap01

1994 sequences assigned
1980 (99.3%) exact matches, in which:
1976 unique CDR3
13 unique J



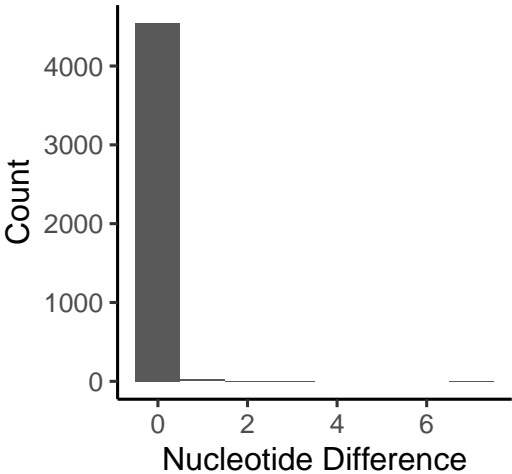
TRBV25-1*ap01

1228 sequences assigned
1225 (99.8%) exact matches, in which:
1219 unique CDR3
13 unique J



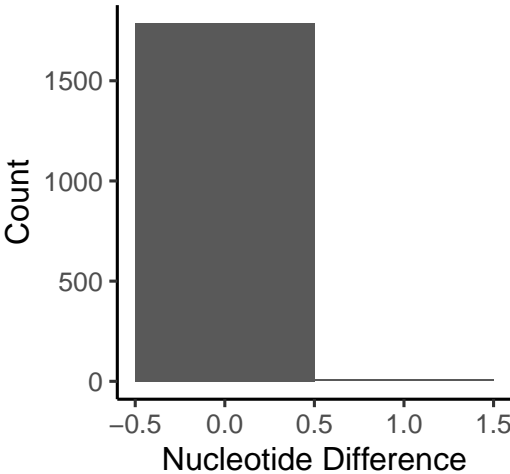
TRBV3-12*ap01

4571 sequences assigned
4545 (99.4%) exact matches, in which:
4533 unique CDR3
13 unique J



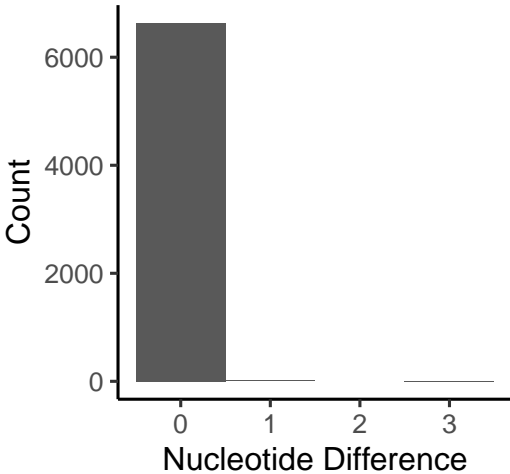
TRBV4-2*ap01

1798 sequences assigned
1788 (99.4%) exact matches, in which:
1784 unique CDR3
13 unique J



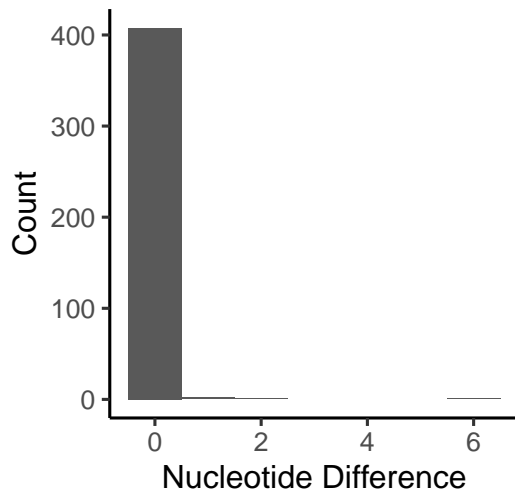
TRBV5-1*ap01

6650 sequences assigned
6633 (99.7%) exact matches, in which:
6579 unique CDR3
14 unique J



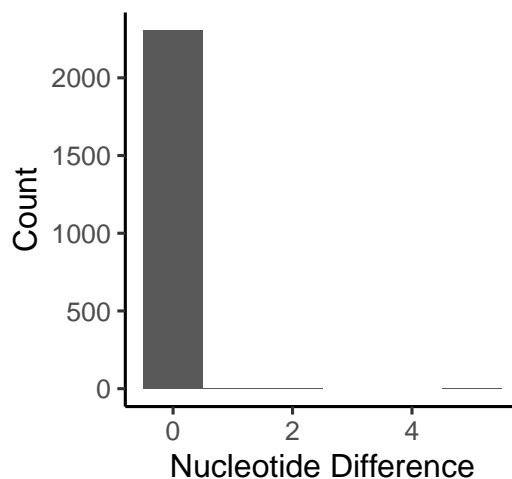
TRBV5-3*ap01

412 sequences assigned
408 (99%) exact matches, in which:
406 unique CDR3
13 unique J



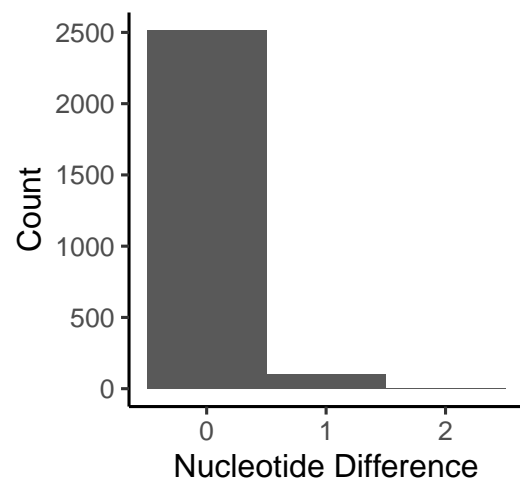
TRBV5-6*ap01

2308 sequences assigned
2305 (99.9%) exact matches, in which:
2294 unique CDR3
13 unique J



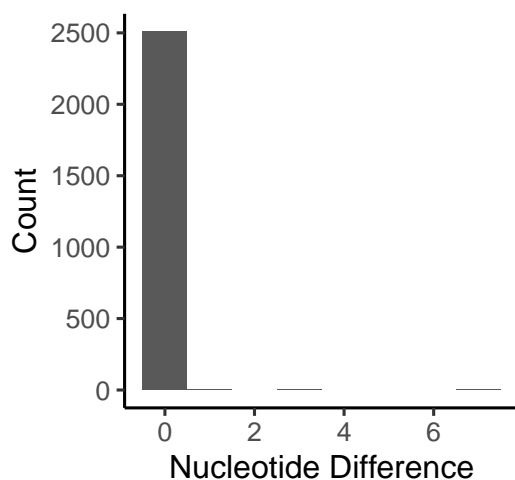
TRBV6-1*ap01

2617 sequences assigned
2514 (96.1%) exact matches, in which:
2506 unique CDR3
13 unique J



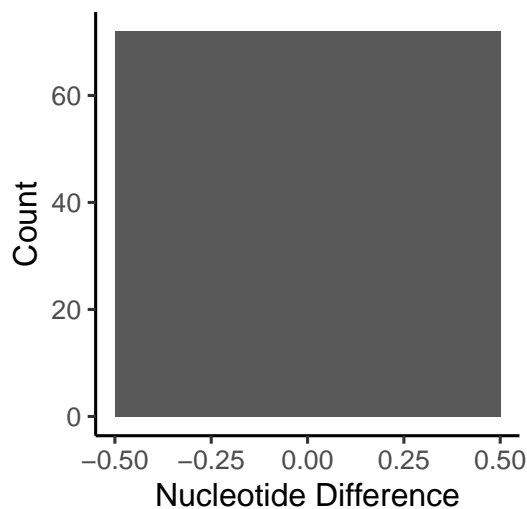
TRBV5-4*ap01

2513 sequences assigned
2508 (99.8%) exact matches, in which:
2504 unique CDR3
13 unique J



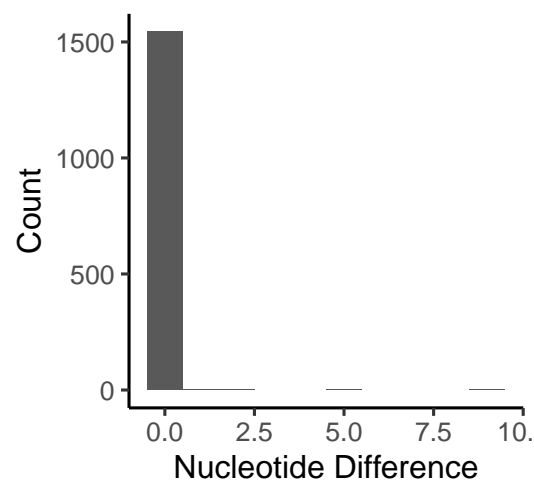
TRBV5-7*ap01

72 sequences assigned
72 (100%) exact matches, in which:
72 unique CDR3
12 unique J



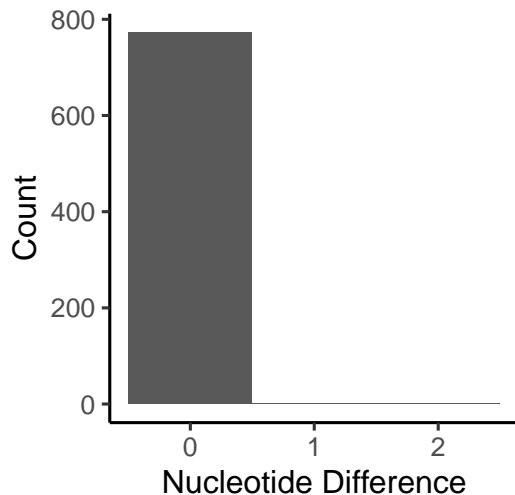
TRBV6-4*ap01

1553 sequences assigned
1544 (99.4%) exact matches, in which:
1543 unique CDR3
13 unique J



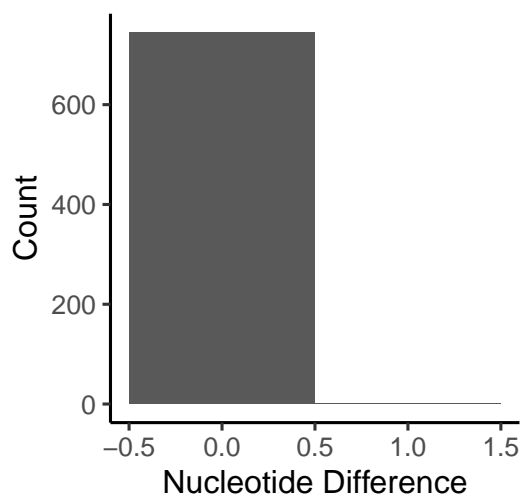
TRBV5-5*ap01

776 sequences assigned
773 (99.6%) exact matches, in which:
771 unique CDR3
13 unique J



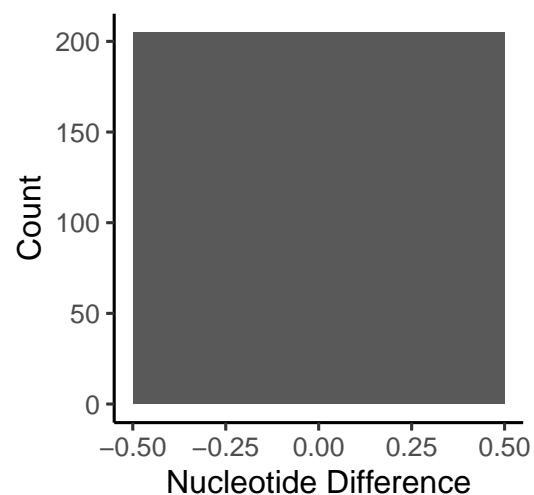
TRBV5-8*ap01

746 sequences assigned
745 (99.9%) exact matches, in which:
745 unique CDR3
13 unique J



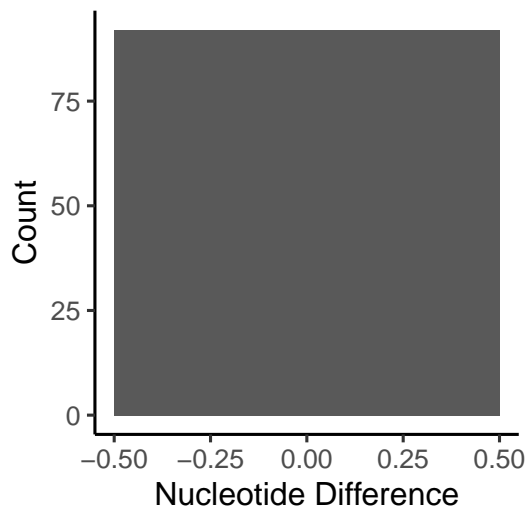
TRBV6-7*ap01

205 sequences assigned
205 (100%) exact matches, in which:
205 unique CDR3
13 unique J



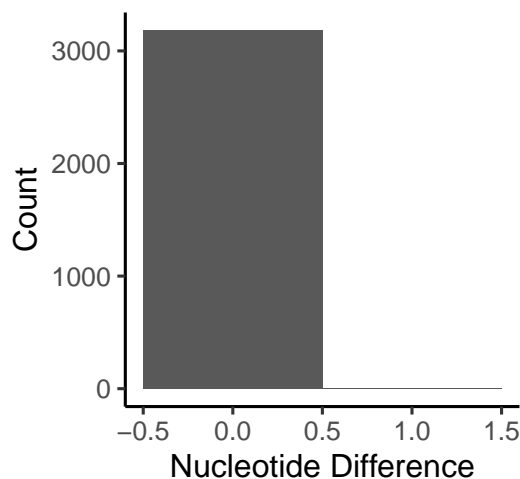
TRBV6-8*ap01

92 sequences assigned
92 (100%) exact matches, in which:
92 unique CDR3
12 unique J



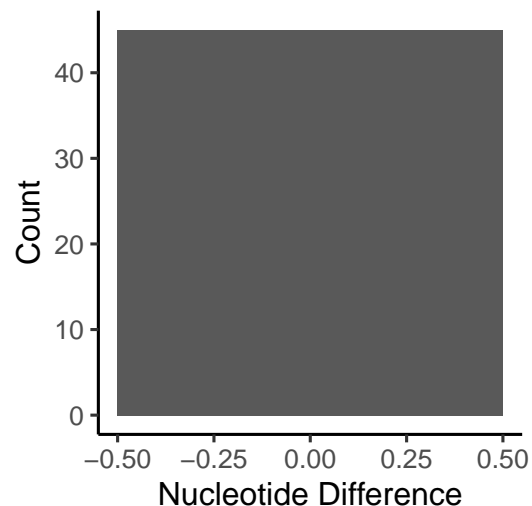
TRBV6-56*ap01

3190 sequences assigned
3182 (99.7%) exact matches, in which:
3173 unique CDR3
13 unique J



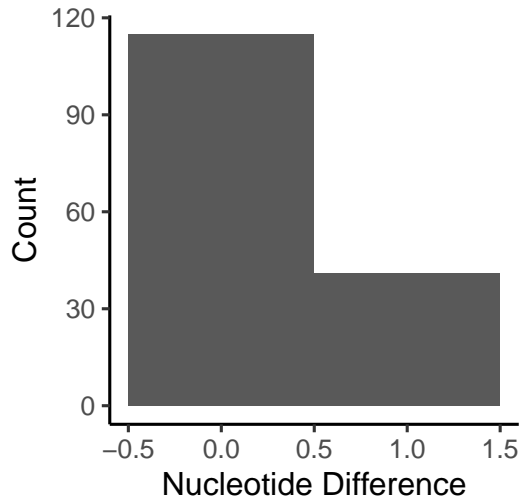
TRBV7-1*ap01_G291C_T

45 sequences assigned
45 (100%) exact matches, in which:
45 unique CDR3
11 unique J



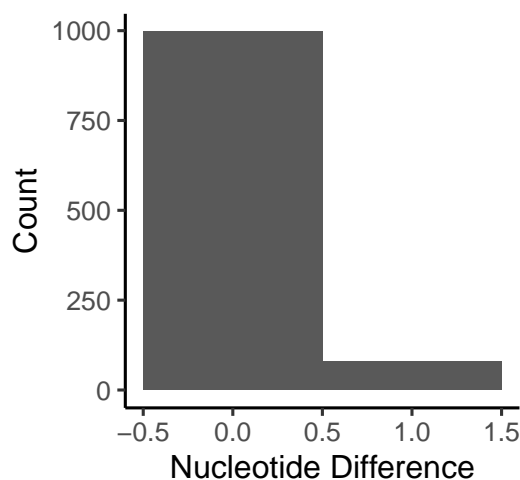
TRBV6-9*ap01

156 sequences assigned
115 (73.7%) exact matches, in which:
115 unique CDR3
13 unique J



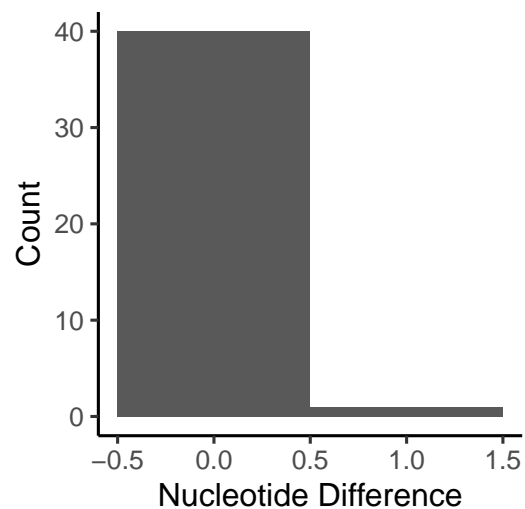
TRBV6-56*ap02

1076 sequences assigned
997 (92.7%) exact matches, in which:
994 unique CDR3
13 unique J



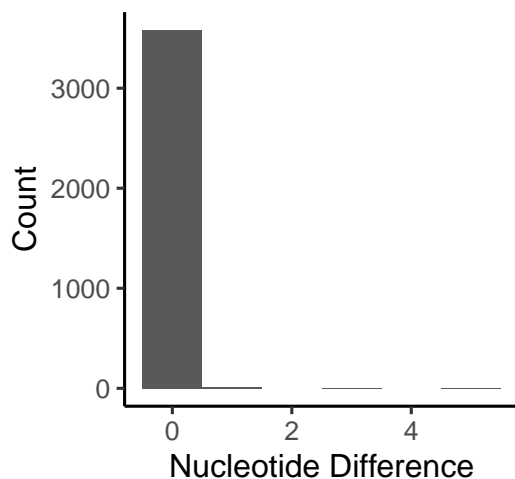
TRBV7-1*ap01_G291C_T

41 sequences assigned
40 (97.6%) exact matches, in which:
40 unique CDR3
12 unique J



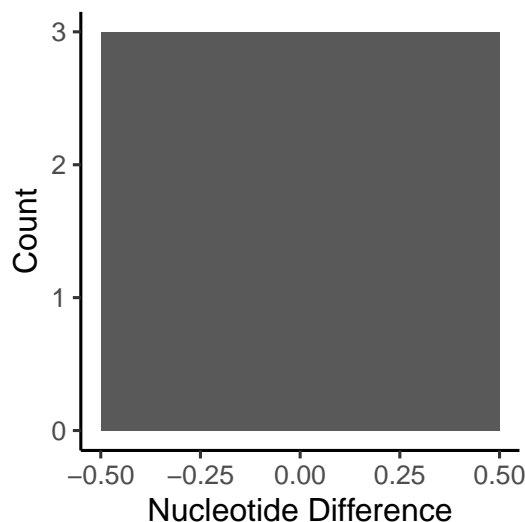
TRBV6-23*ap01

3597 sequences assigned
3581 (99.6%) exact matches, in which:
3567 unique CDR3
13 unique J



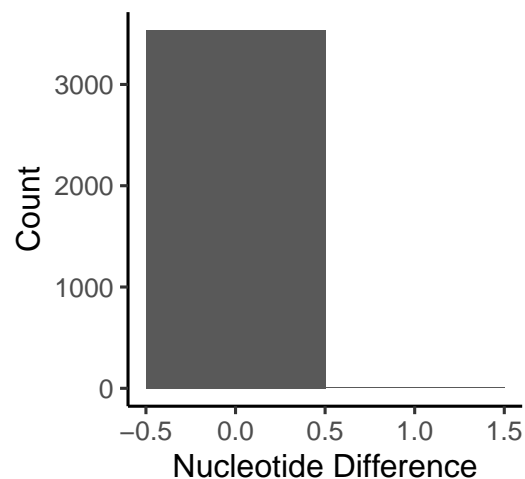
TRBV7-1*ap01

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



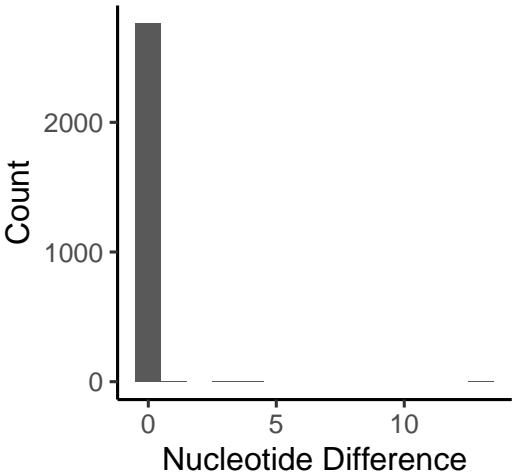
TRBV7-2*ap01

3545 sequences assigned
3537 (99.8%) exact matches, in which:
3535 unique CDR3
13 unique J



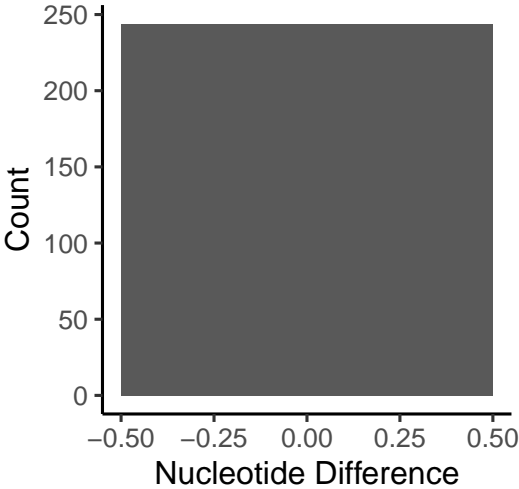
TRBV7-3*ap01

2771 sequences assigned
2763 (99.7%) exact matches, in which:
2755 unique CDR3
13 unique J



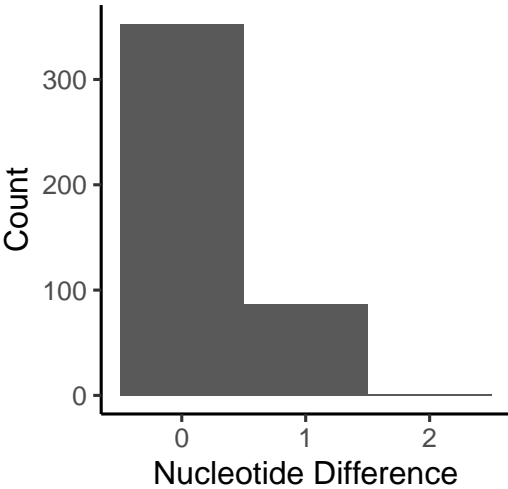
TRBV7-7*ap01

244 sequences assigned
244 (100%) exact matches, in which:
244 unique CDR3
12 unique J



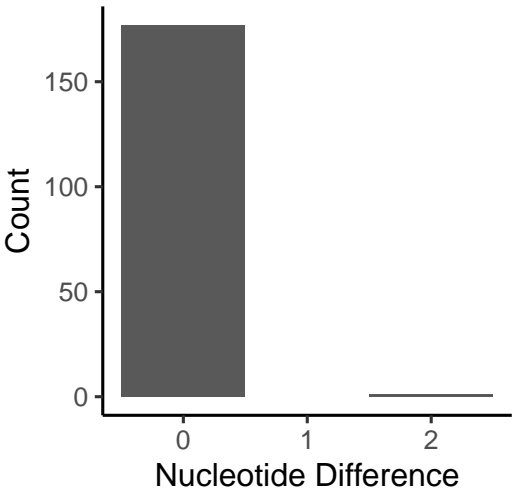
TRBV7-8*ap03

441 sequences assigned
353 (80%) exact matches, in which:
352 unique CDR3
13 unique J



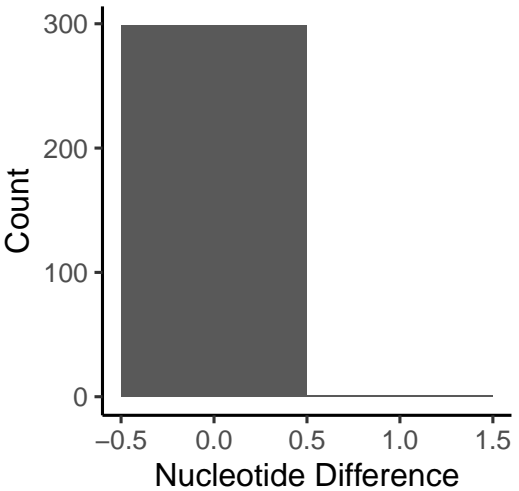
TRBV7-4*ap01

178 sequences assigned
177 (99.4%) exact matches, in which:
177 unique CDR3
13 unique J



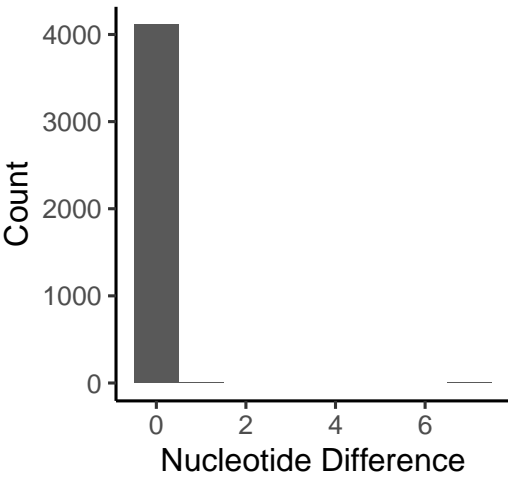
TRBV7-7*ap01_C315T

300 sequences assigned
299 (99.7%) exact matches, in which:
299 unique CDR3
13 unique J



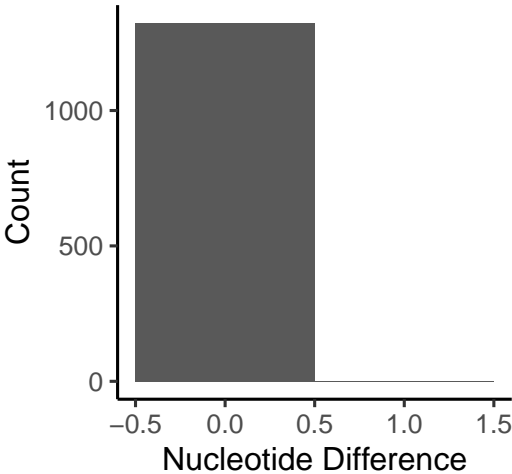
TRBV7-9*ap01

4119 sequences assigned
4112 (99.8%) exact matches, in which:
4109 unique CDR3
13 unique J



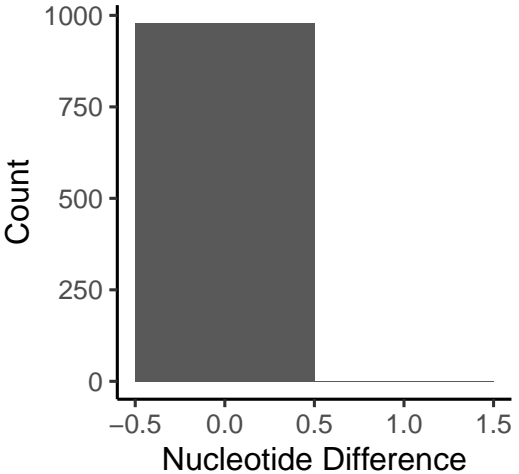
TRBV7-6*ap01

1325 sequences assigned
1323 (99.8%) exact matches, in which:
1317 unique CDR3
13 unique J



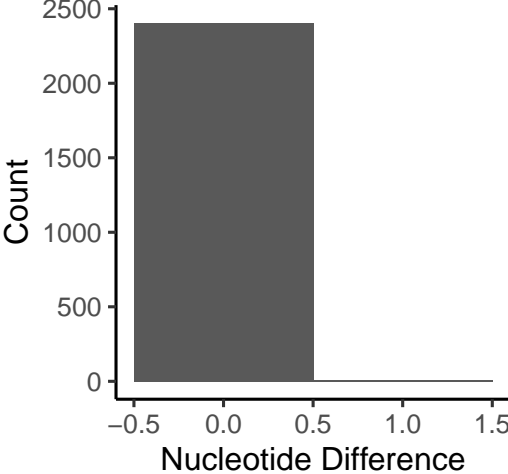
TRBV7-8*ap01

980 sequences assigned
979 (99.9%) exact matches, in which:
977 unique CDR3
13 unique J



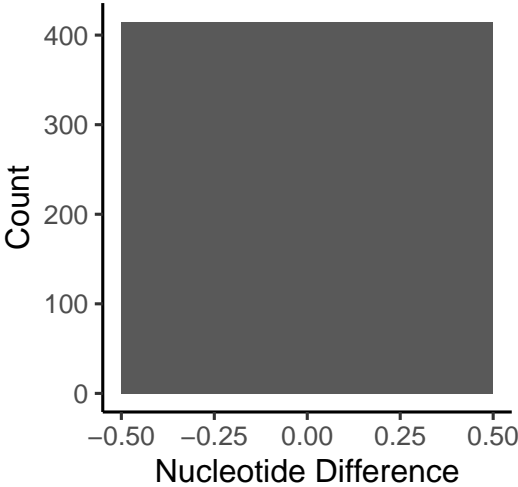
TRBV29-1*ap01

2414 sequences assigned
2404 (99.6%) exact matches, in which:
2396 unique CDR3
13 unique J

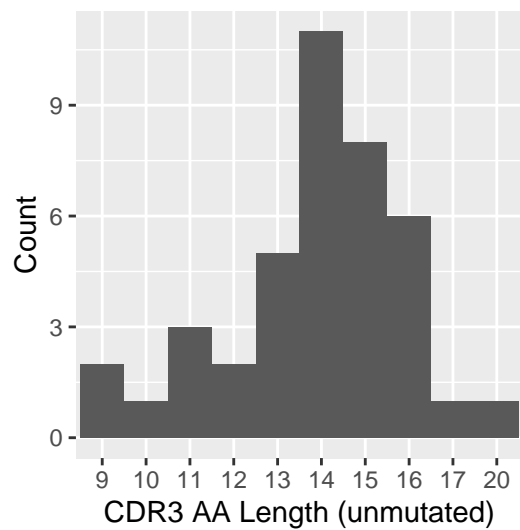


TRBV29-1*ap02

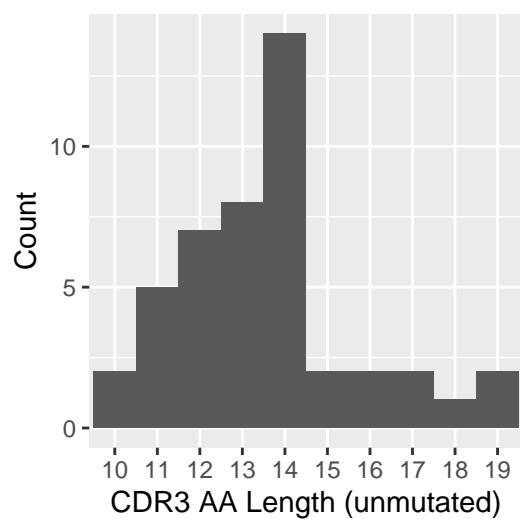
415 sequences assigned
415 (100%) exact matches, in which:
415 unique CDR3
13 unique J



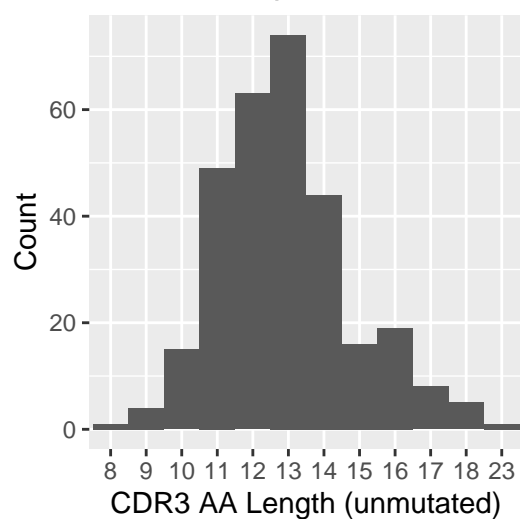
TRBV7-1*ap01_G291C_T296C_C314T

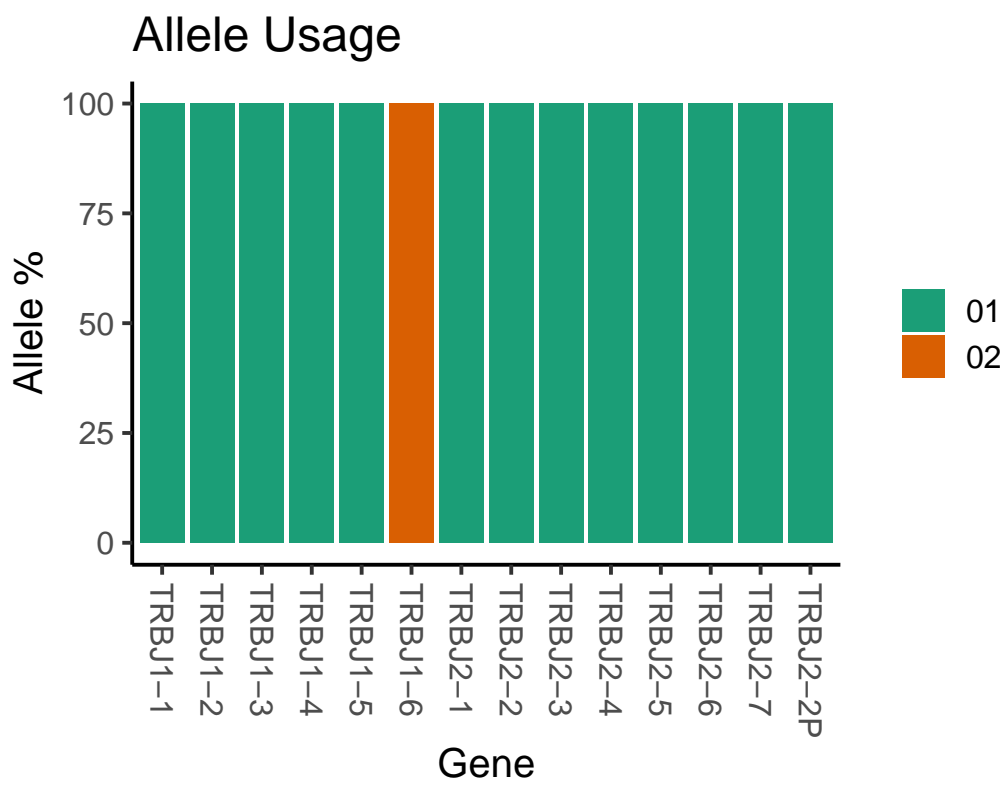


TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.