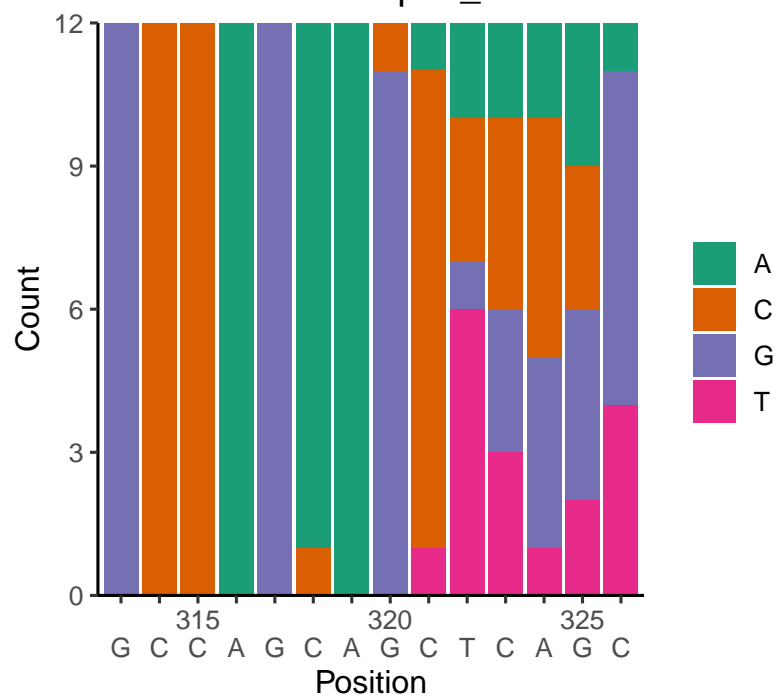
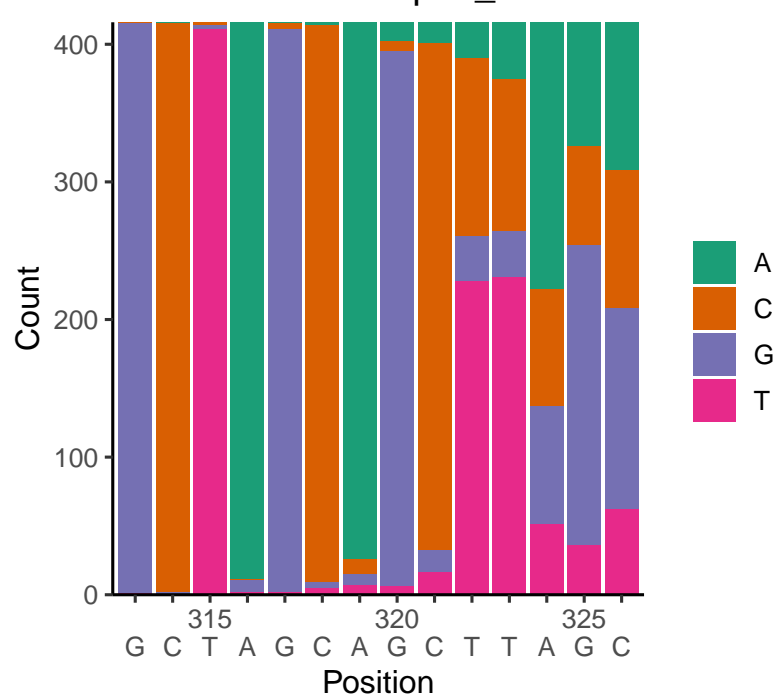


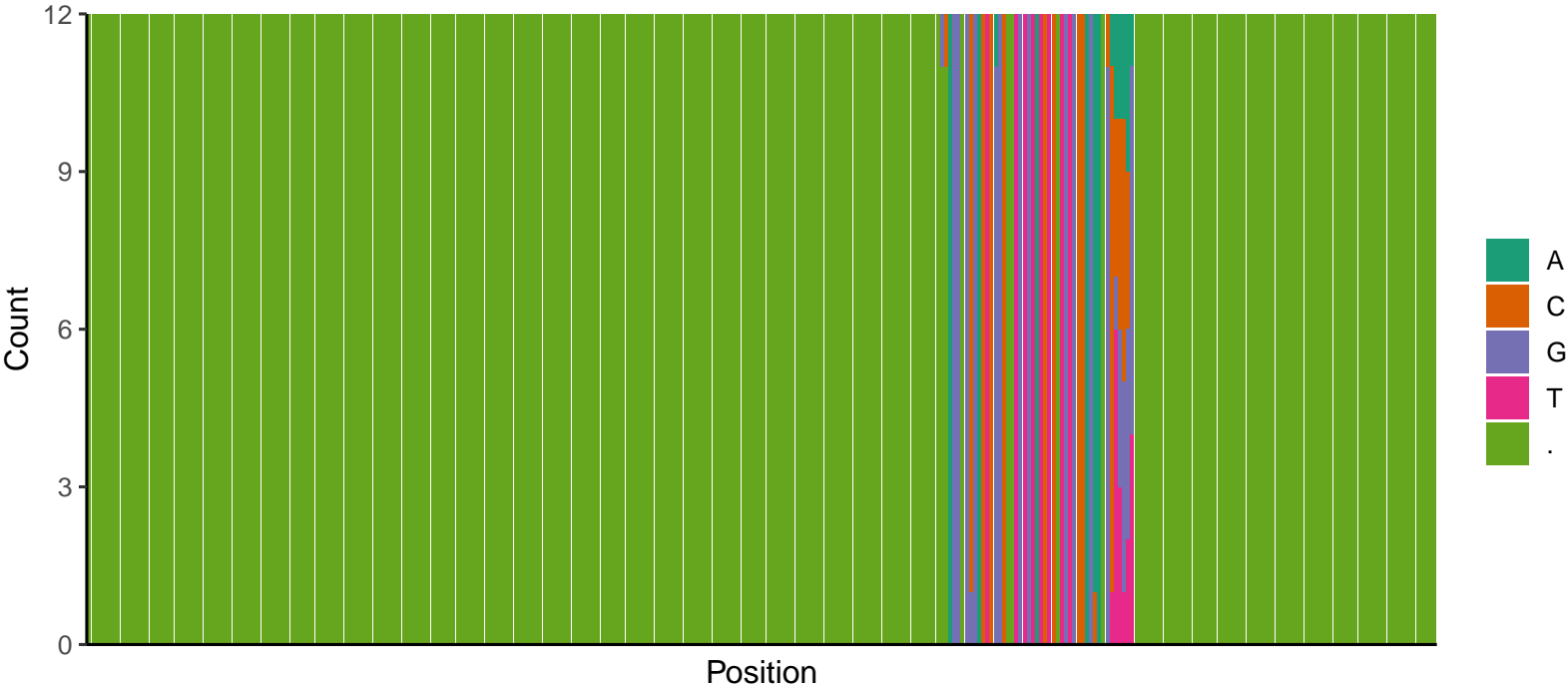
Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



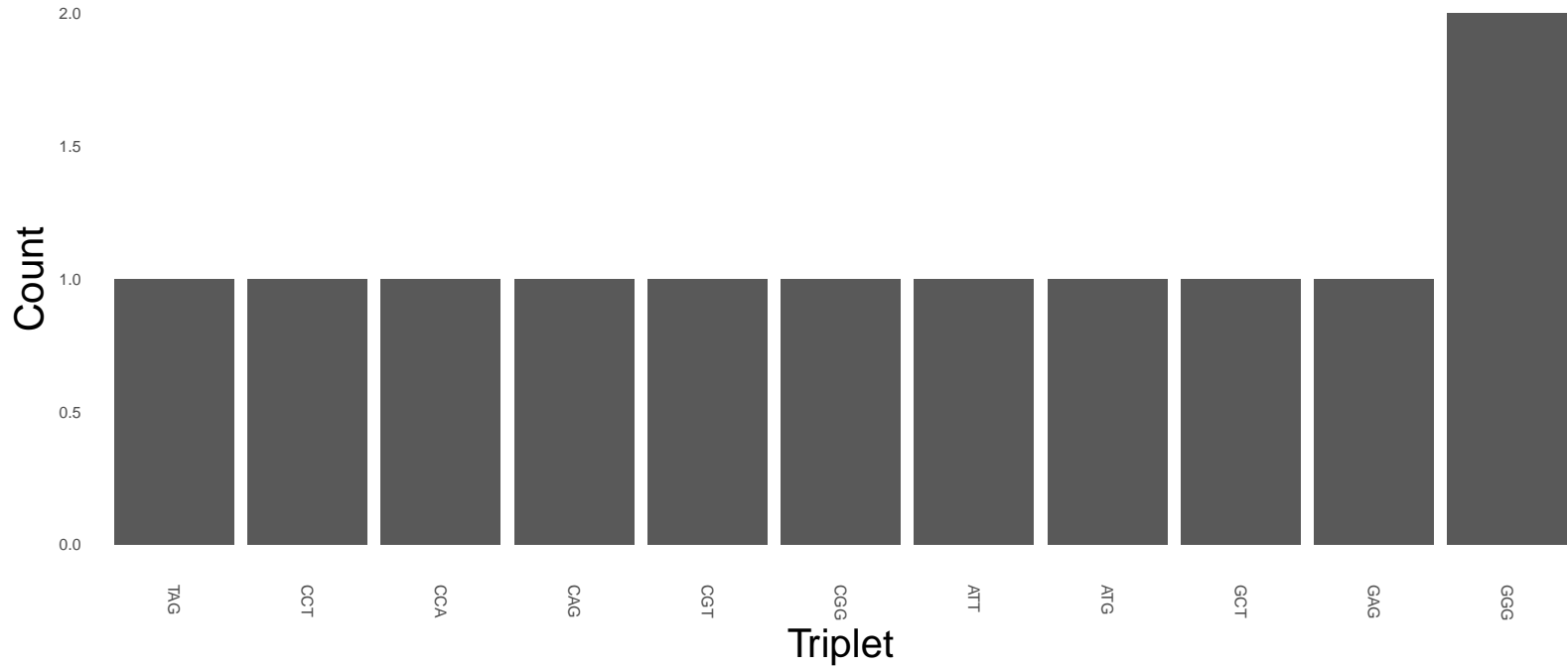
Gene TRBV7-1*ap01_T296C



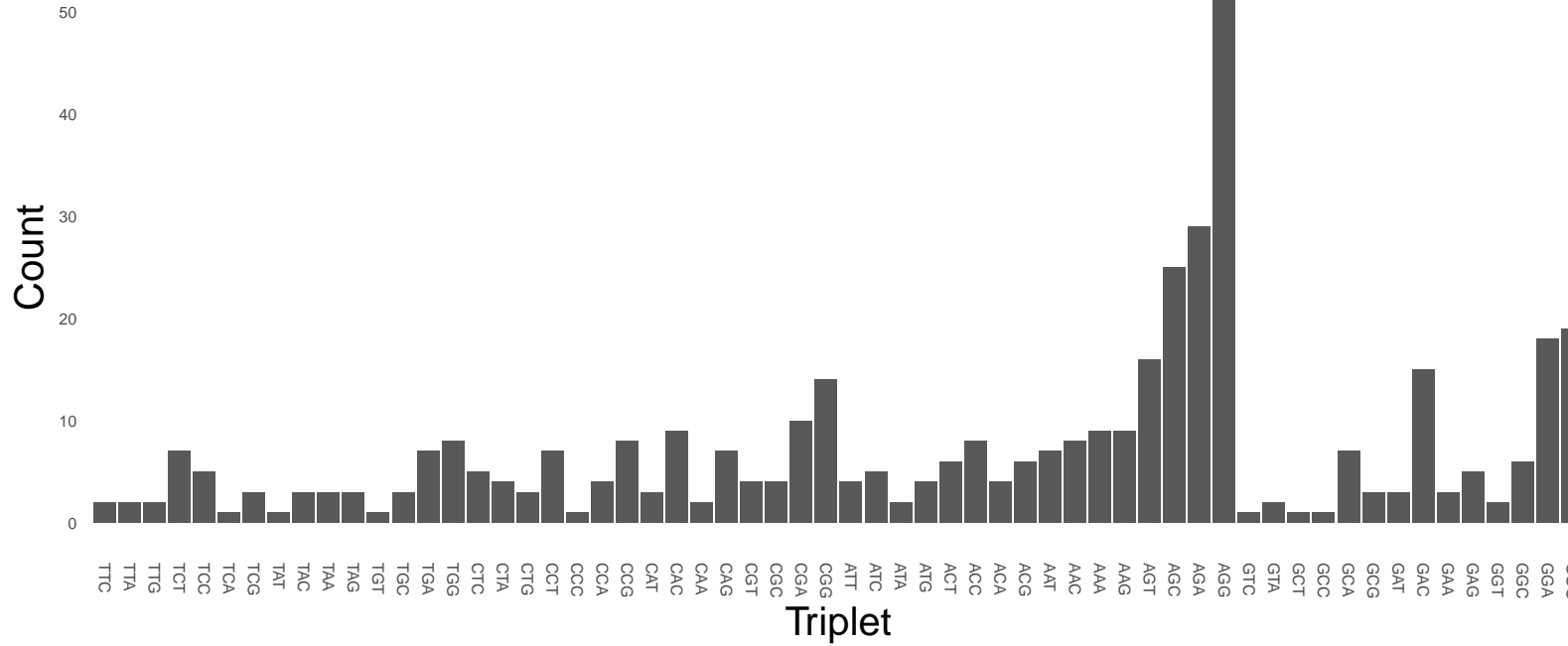
Gene TRBV7-7*ap01_C315T



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

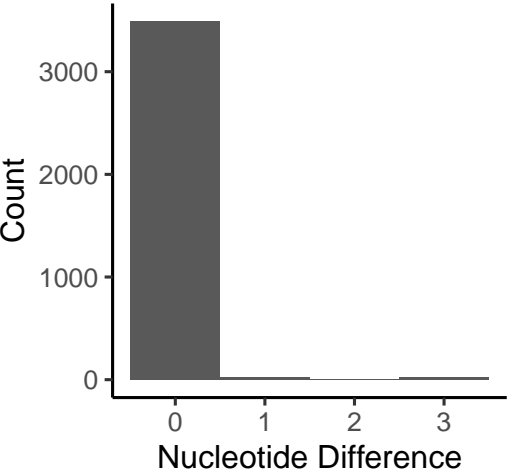


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



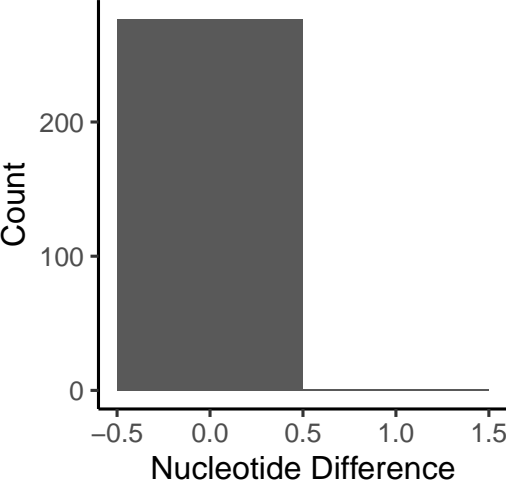
TRBV20–1*ap01

3540 sequences assigned
3490 (98.6%) exact matches, in which:
3458 unique CDR3
13 unique J



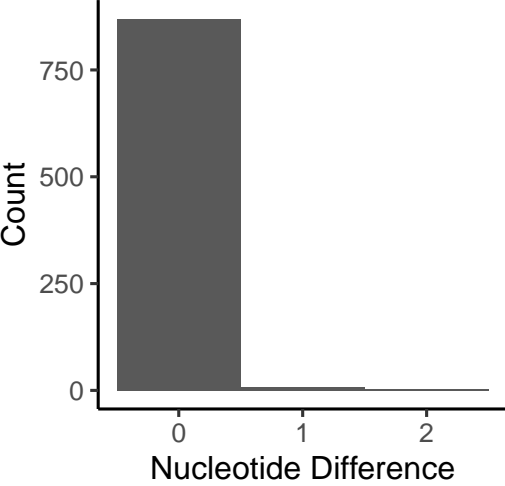
TRBV10–2*ap01

278 sequences assigned
277 (99.6%) exact matches, in which:
274 unique CDR3
13 unique J



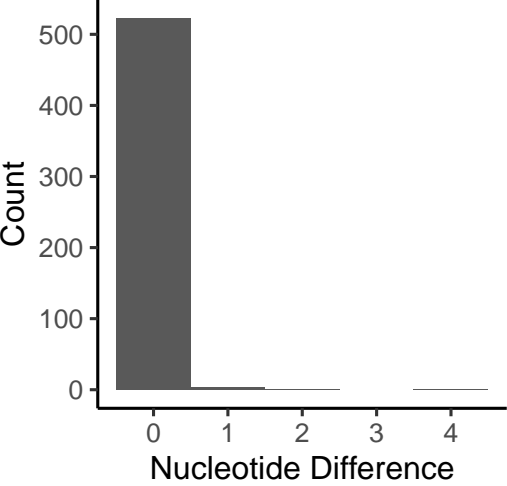
TRBV13*ap01

882 sequences assigned
870 (98.6%) exact matches, in which:
862 unique CDR3
13 unique J



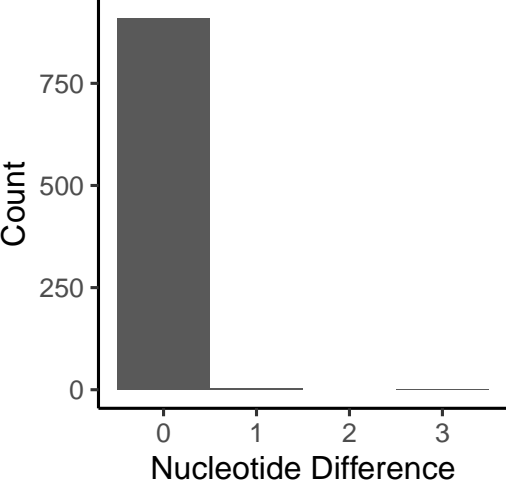
TRBV10–1*ap01

528 sequences assigned
523 (99.1%) exact matches, in which:
521 unique CDR3
13 unique J



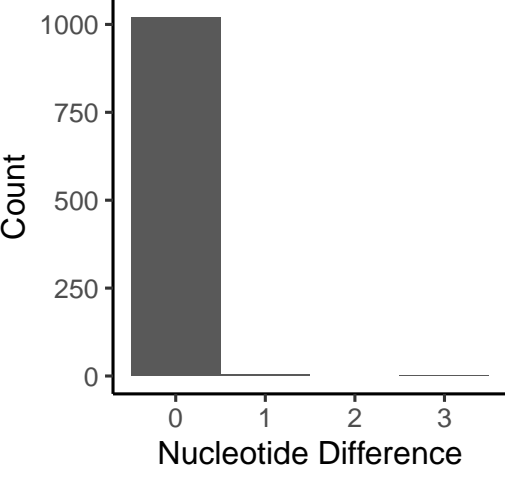
TRBV10–3*ap01

914 sequences assigned
910 (99.6%) exact matches, in which:
908 unique CDR3
13 unique J



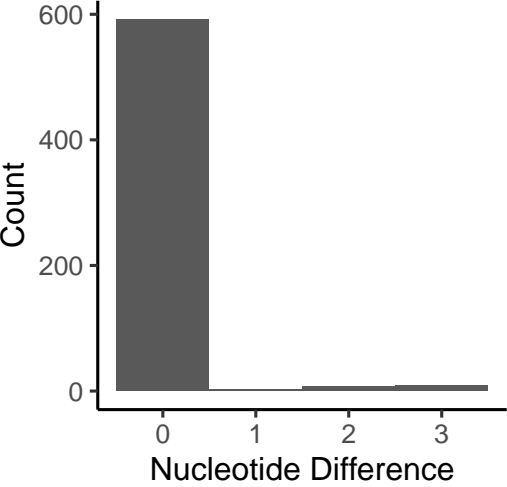
TRBV14*ap01

1024 sequences assigned
1019 (99.5%) exact matches, in which:
1018 unique CDR3
13 unique J



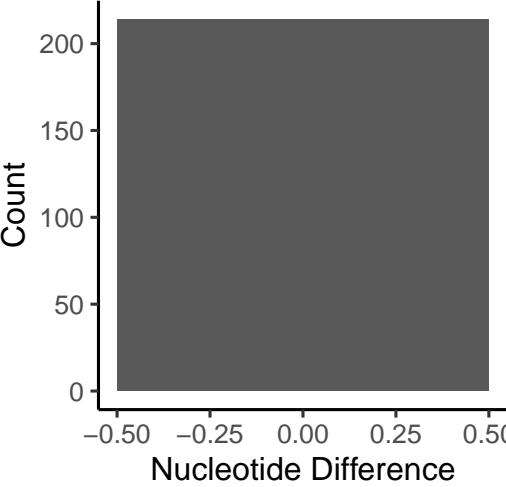
TRBV20–1*ap02

610 sequences assigned
592 (97%) exact matches, in which:
588 unique CDR3
13 unique J



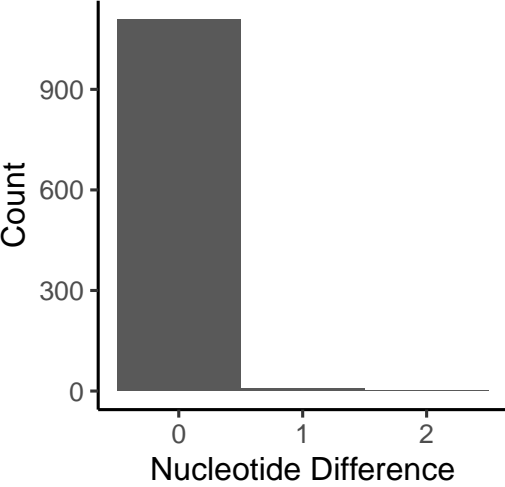
TRBV1*ap01

214 sequences assigned
214 (100%) exact matches, in which:
213 unique CDR3
13 unique J



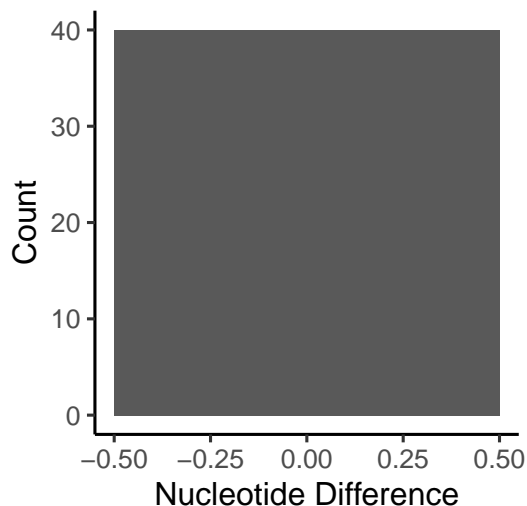
TRBV15*ap02

1119 sequences assigned
1109 (99.1%) exact matches, in which:
1103 unique CDR3
13 unique J



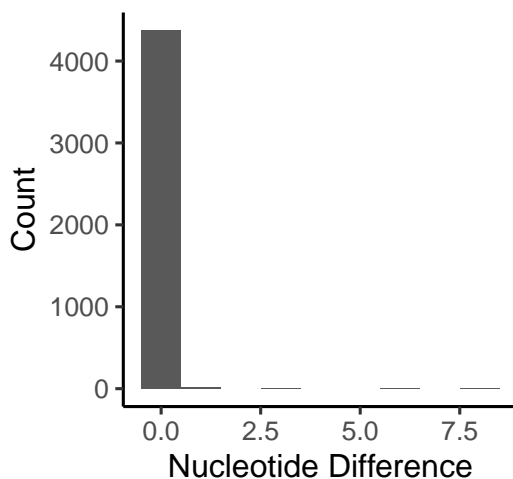
TRBV16*ap01

40 sequences assigned
40 (100%) exact matches, in which:
40 unique CDR3
7 unique J



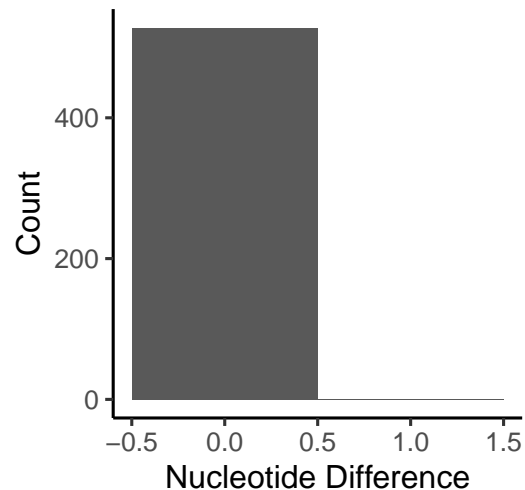
TRBV19*ap01

4398 sequences assigned
4374 (99.5%) exact matches, in which:
4362 unique CDR3
13 unique J



TRBV28*ap01

529 sequences assigned
528 (99.8%) exact matches, in which:
526 unique CDR3
13 unique J



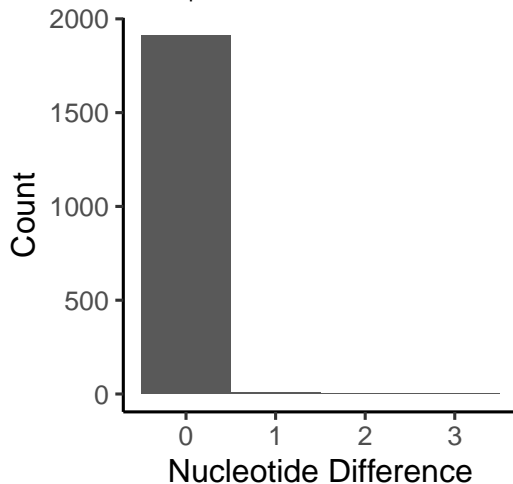
TRBV17*ap01

2 sequences assigned
2 (100%) exact matches, in which:
2 unique CDR3
2 unique J



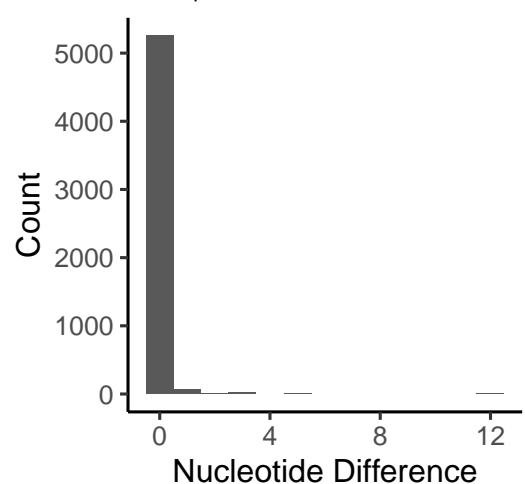
TRBV2*ap01

1922 sequences assigned
1910 (99.4%) exact matches, in which:
1901 unique CDR3
13 unique J



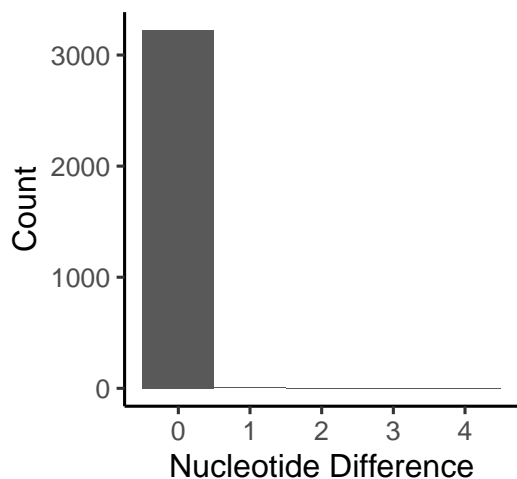
TRBV30*ap01

5353 sequences assigned
5255 (98.2%) exact matches, in which:
5159 unique CDR3
13 unique J



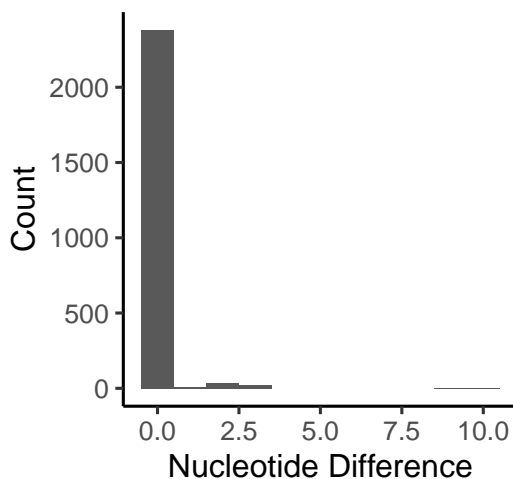
TRBV18*ap01

3238 sequences assigned
3225 (99.6%) exact matches, in which:
3201 unique CDR3
13 unique J



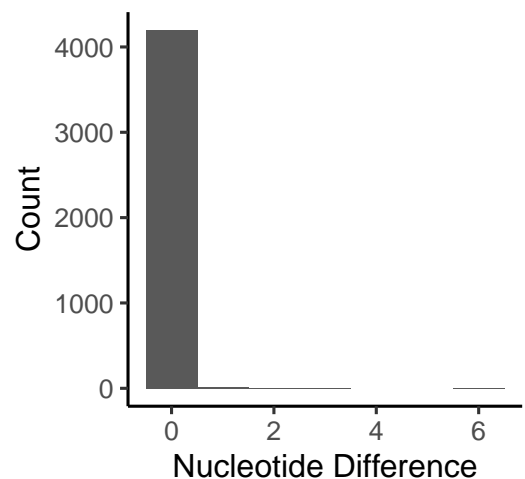
TRBV27*ap01

2451 sequences assigned
2380 (97.1%) exact matches, in which:
2371 unique CDR3
13 unique J



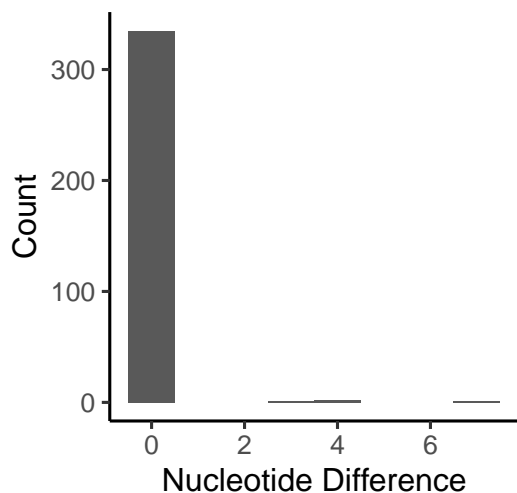
TRBV9*ap01

4222 sequences assigned
4198 (99.4%) exact matches, in which:
4176 unique CDR3
13 unique J



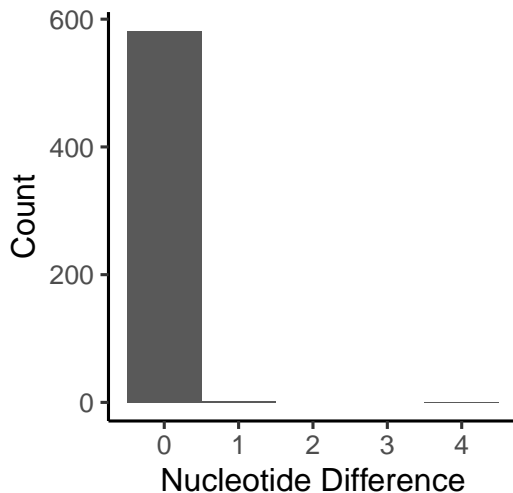
TRBV21-1*ap01

339 sequences assigned
335 (98.8%) exact matches, in which:
334 unique CDR3
13 unique J



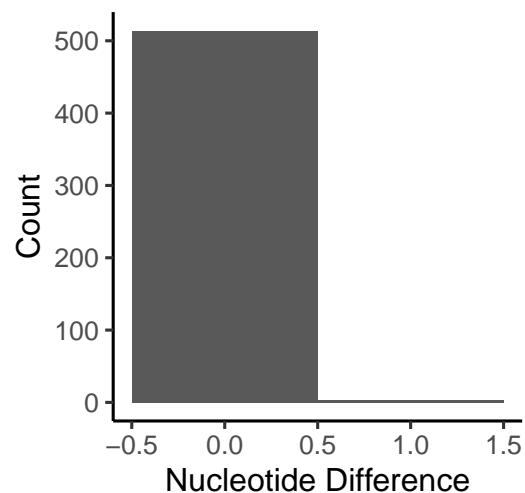
TRBV11-3*ap01

585 sequences assigned
582 (99.5%) exact matches, in which:
580 unique CDR3
13 unique J



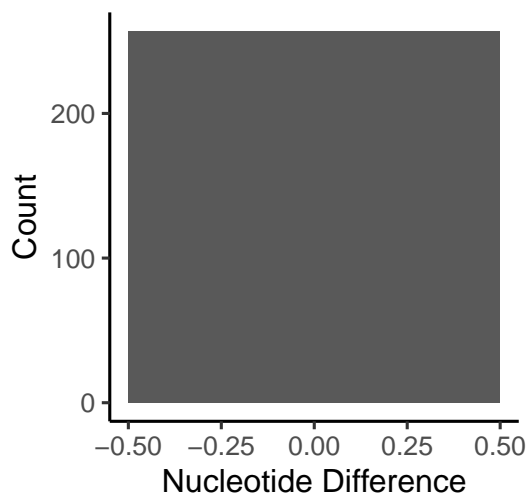
TRBV12-5*ap01

517 sequences assigned
514 (99.4%) exact matches, in which:
513 unique CDR3
13 unique J



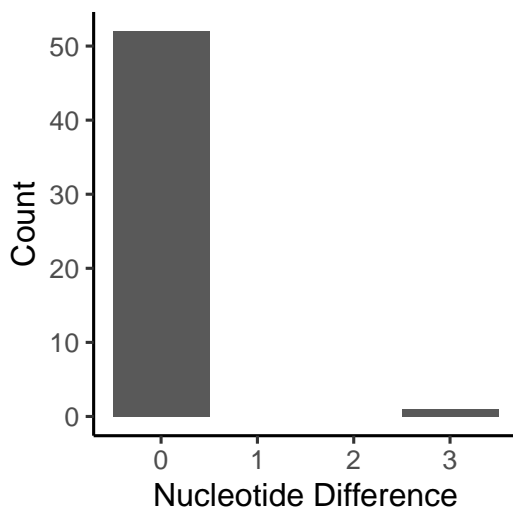
TRBV11-1*ap01

257 sequences assigned
257 (100%) exact matches, in which:
256 unique CDR3
12 unique J



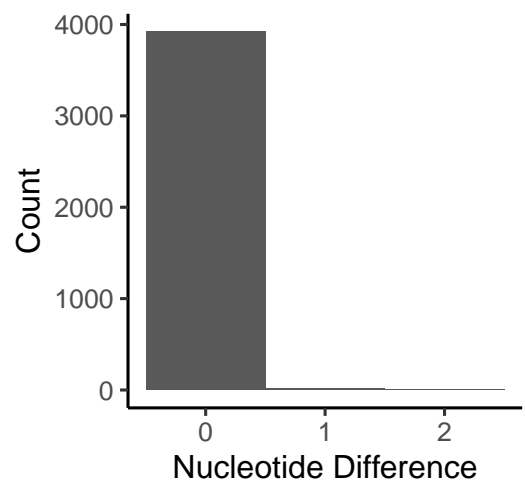
TRBV12-1*ap01

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



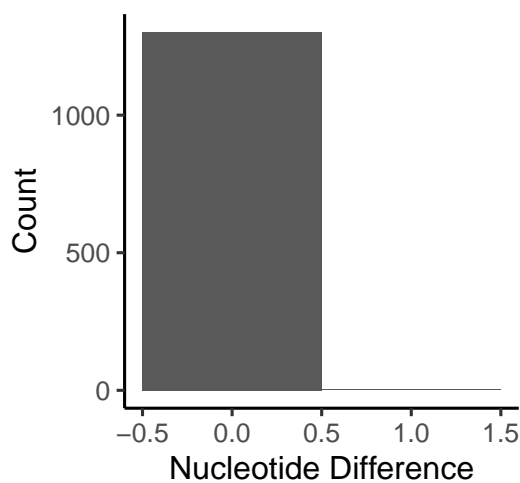
TRBV12-34*ap01

3944 sequences assigned
3921 (99.4%) exact matches, in which:
3903 unique CDR3
13 unique J



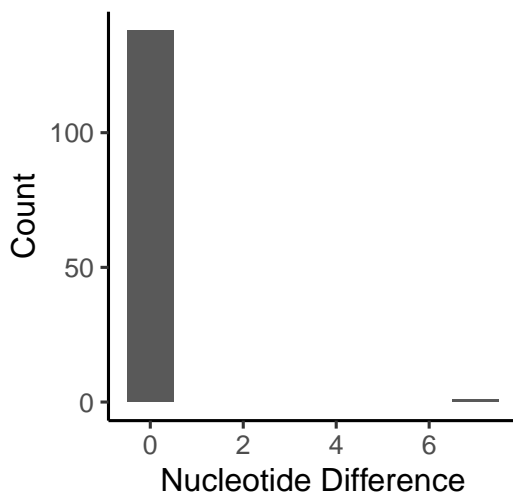
TRBV11-2*ap01

1305 sequences assigned
1302 (99.8%) exact matches, in which:
1292 unique CDR3
13 unique J



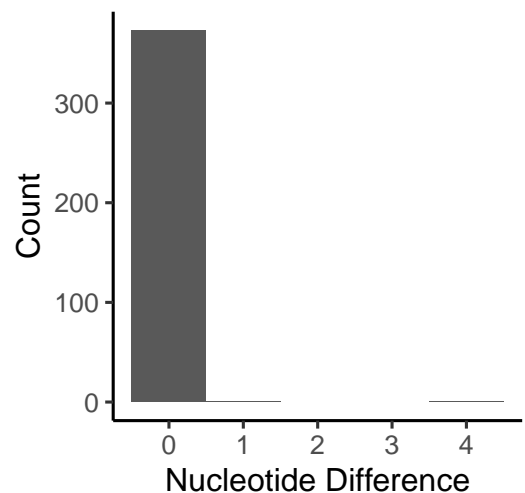
TRBV12-2*ap01

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



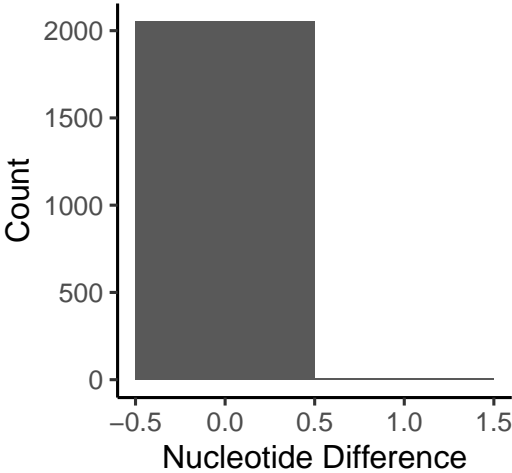
TRBV23-1*ap01

375 sequences assigned
373 (99.5%) exact matches, in which:
373 unique CDR3
13 unique J



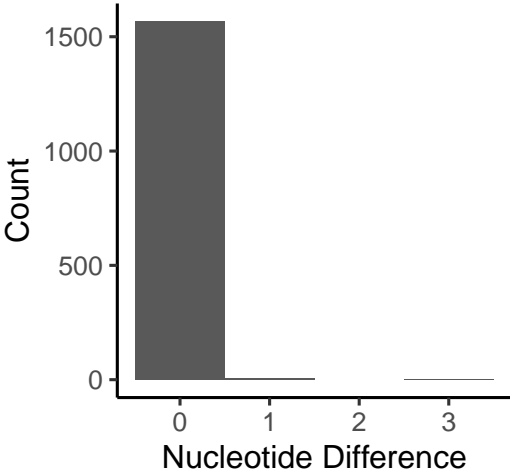
TRBV3-12*ap01

2060 sequences assigned
2053 (99.7%) exact matches, in which:
2052 unique CDR3
13 unique J



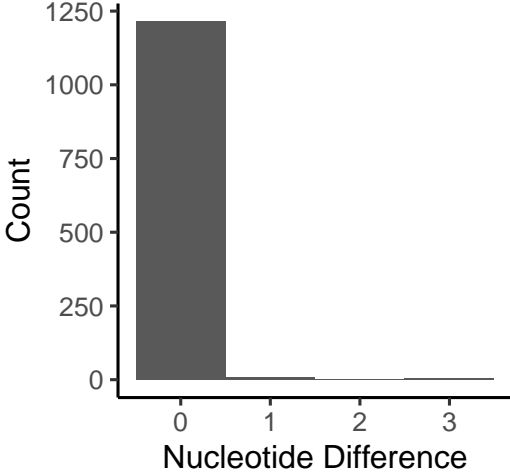
TRBV4-2*ap01

1576 sequences assigned
1567 (99.4%) exact matches, in which:
1550 unique CDR3
13 unique J



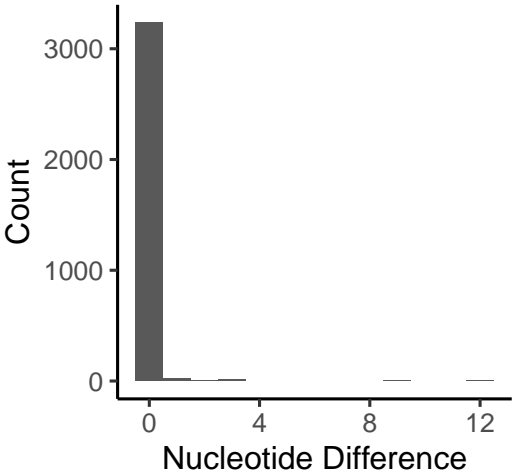
TRBV25-1*ap01

1231 sequences assigned
1215 (98.7%) exact matches, in which:
1204 unique CDR3
13 unique J



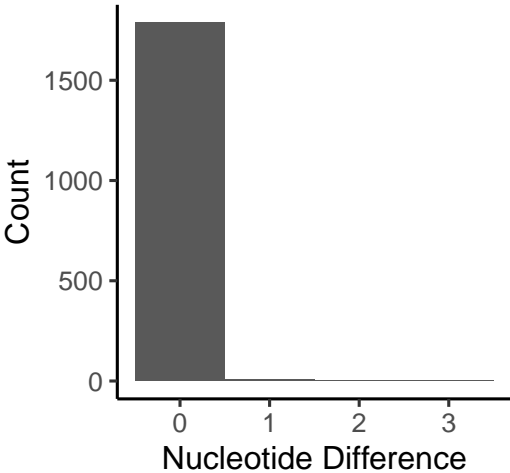
TRBV4-1*ap01

3272 sequences assigned
3235 (98.9%) exact matches, in which:
3197 unique CDR3
13 unique J



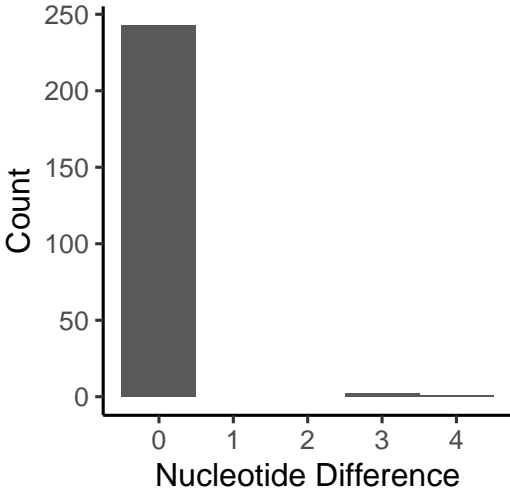
TRBV4-3*ap01

1802 sequences assigned
1787 (99.2%) exact matches, in which:
1763 unique CDR3
13 unique J



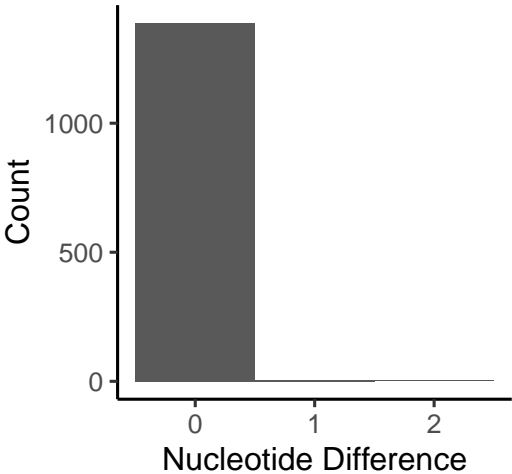
TRBV5-3*ap01

246 sequences assigned
243 (98.8%) exact matches, in which:
242 unique CDR3
13 unique J



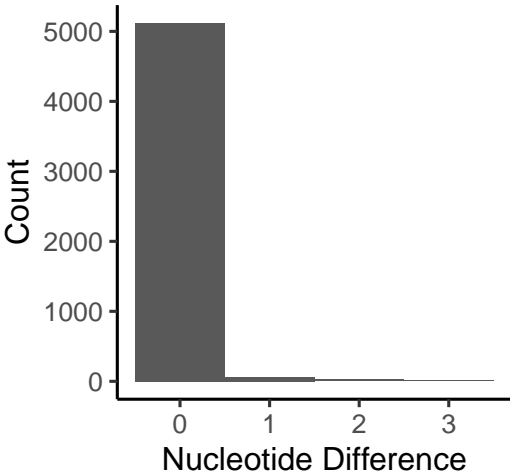
TRBV24-1*ap01

1397 sequences assigned
1388 (99.4%) exact matches, in which:
1385 unique CDR3
13 unique J



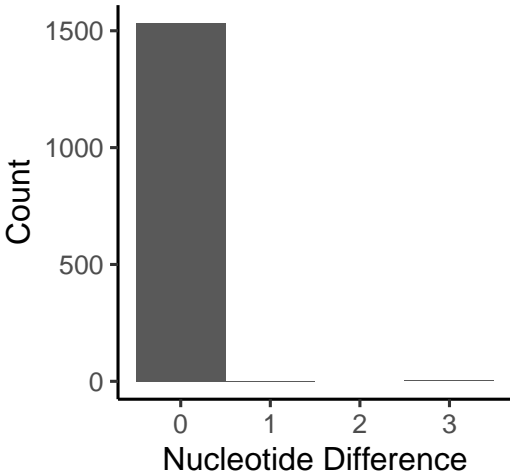
TRBV5-1*ap01

5218 sequences assigned
5119 (98.1%) exact matches, in which:
5079 unique CDR3
13 unique J



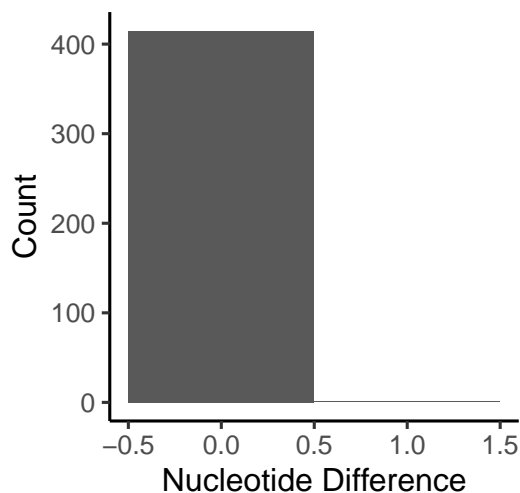
TRBV5-4*ap01

1538 sequences assigned
1533 (99.7%) exact matches, in which:
1524 unique CDR3
13 unique J



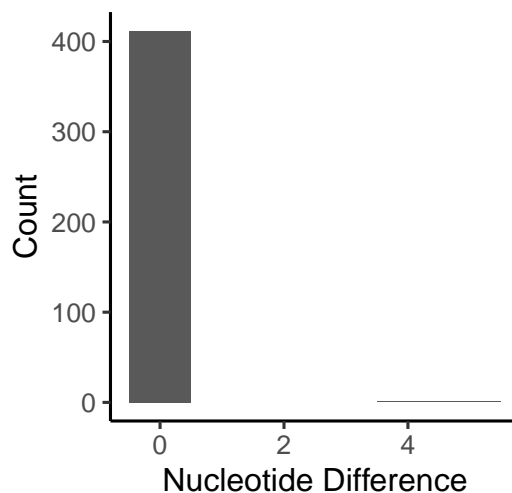
TRBV5-5*ap01

416 sequences assigned
415 (99.8%) exact matches, in which:
414 unique CDR3
13 unique J



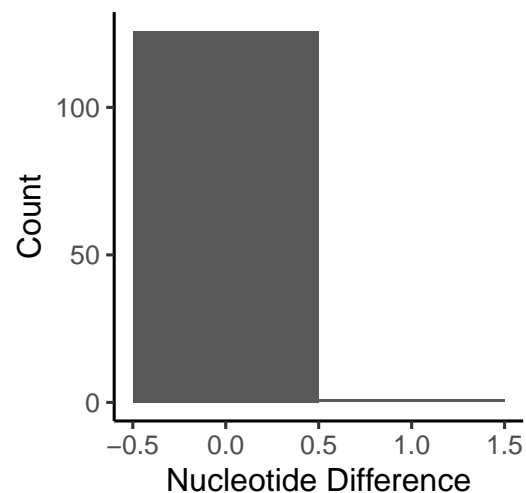
TRBV5-8*ap01

414 sequences assigned
412 (99.5%) exact matches, in which:
411 unique CDR3
13 unique J



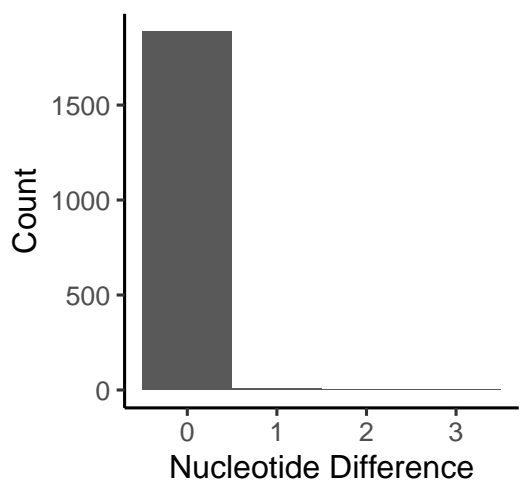
TRBV6-7*ap01

127 sequences assigned
126 (99.2%) exact matches, in which:
125 unique CDR3
12 unique J



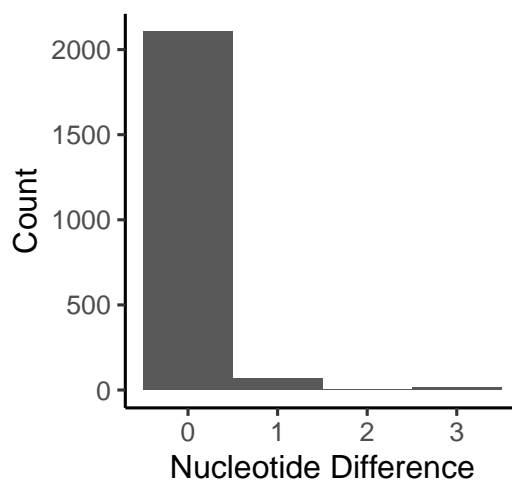
TRBV5-6*ap01

1898 sequences assigned
1886 (99.4%) exact matches, in which:
1873 unique CDR3
13 unique J



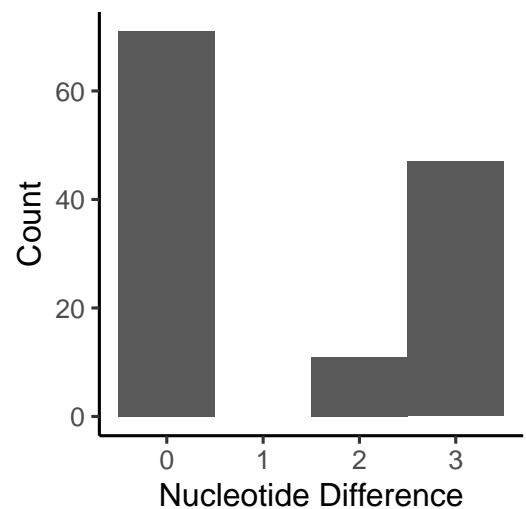
TRBV6-1*ap01

2190 sequences assigned
2105 (96.1%) exact matches, in which:
2088 unique CDR3
14 unique J



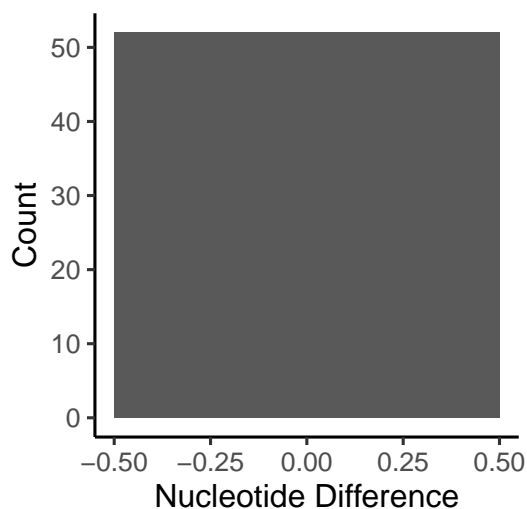
TRBV6-8*ap01

129 sequences assigned
71 (55%) exact matches, in which:
71 unique CDR3
11 unique J



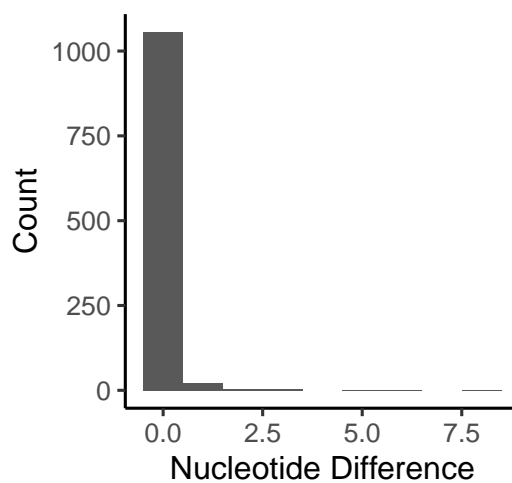
TRBV5-7*ap01

52 sequences assigned
52 (100%) exact matches, in which:
51 unique CDR3
12 unique J



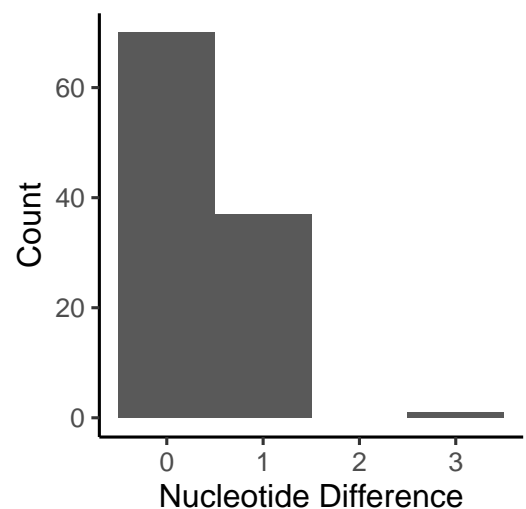
TRBV6-4*ap01

1089 sequences assigned
1056 (97%) exact matches, in which:
1044 unique CDR3
13 unique J



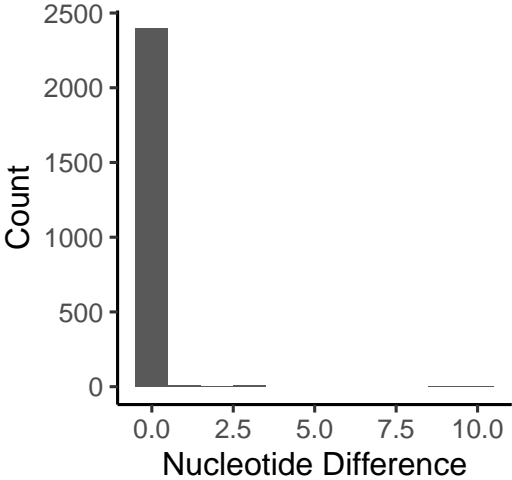
TRBV6-9*ap01

108 sequences assigned
70 (64.8%) exact matches, in which:
69 unique CDR3
13 unique J



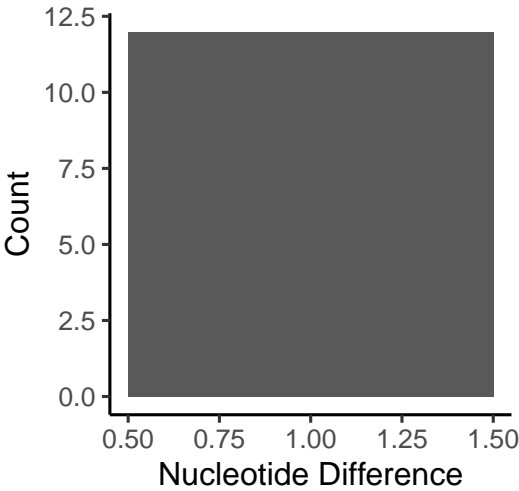
TRBV6-23*ap01

2428 sequences assigned
2397 (98.7%) exact matches, in which:
2380 unique CDR3
13 unique J



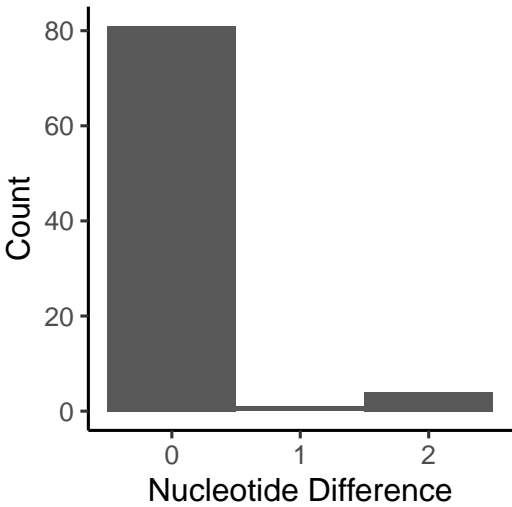
TRBV7-1*ap01_T296C

12 sequences assigned
No exact matches.



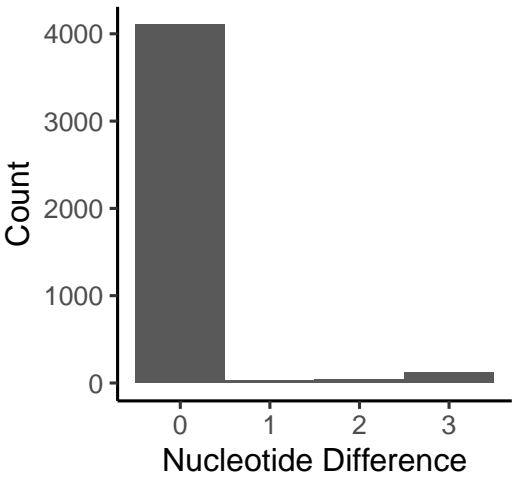
TRBV7-4*ap01

86 sequences assigned
81 (94.2%) exact matches, in which:
80 unique CDR3
12 unique J



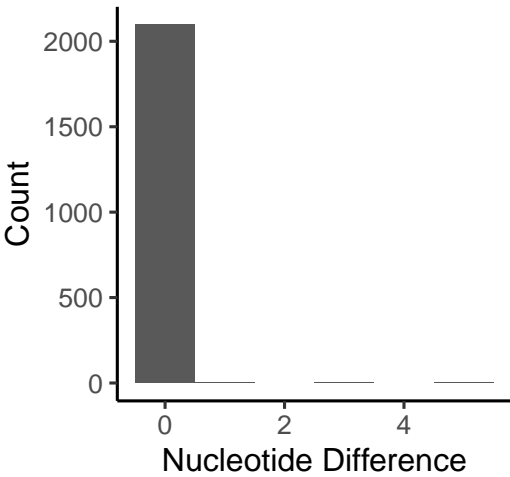
TRBV6-56*ap01

4298 sequences assigned
4104 (95.5%) exact matches, in which:
4056 unique CDR3
13 unique J



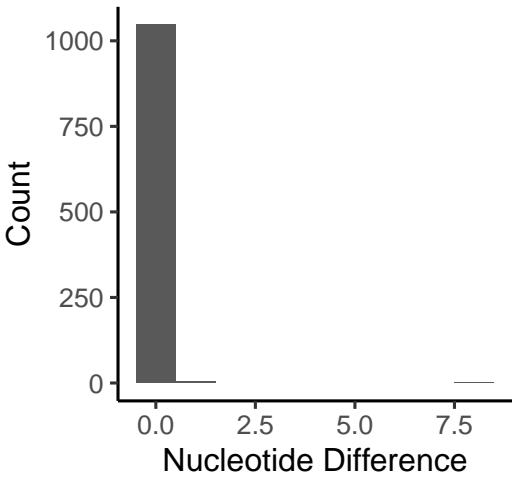
TRBV7-2*ap01

2102 sequences assigned
2097 (99.8%) exact matches, in which:
2086 unique CDR3
13 unique J



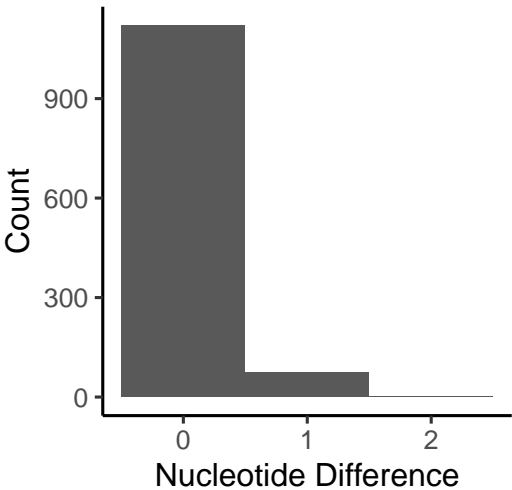
TRBV7-6*ap01

1051 sequences assigned
1047 (99.6%) exact matches, in which:
1042 unique CDR3
13 unique J



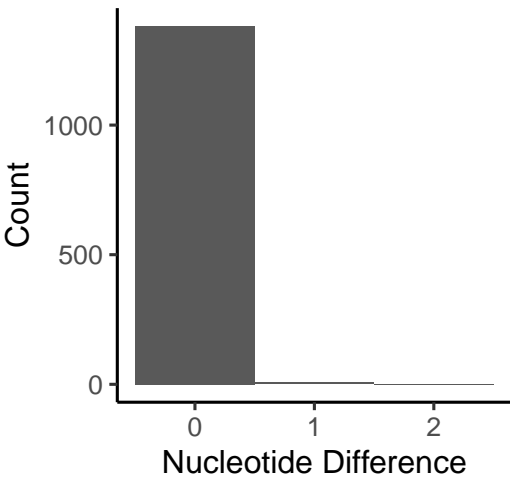
TRBV6-56*ap02

1198 sequences assigned
1121 (93.6%) exact matches, in which:
1111 unique CDR3
13 unique J



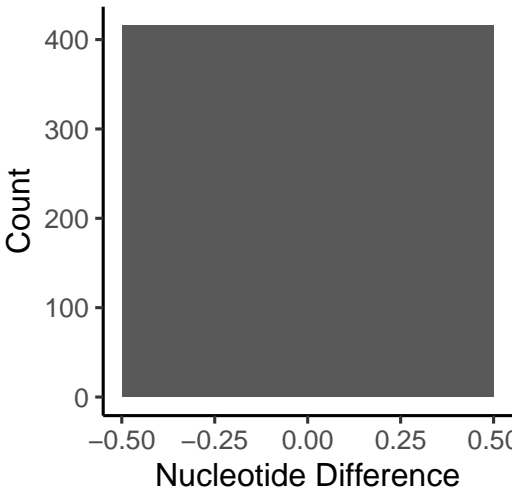
TRBV7-3*ap01

1390 sequences assigned
1382 (99.4%) exact matches, in which:
1379 unique CDR3
13 unique J



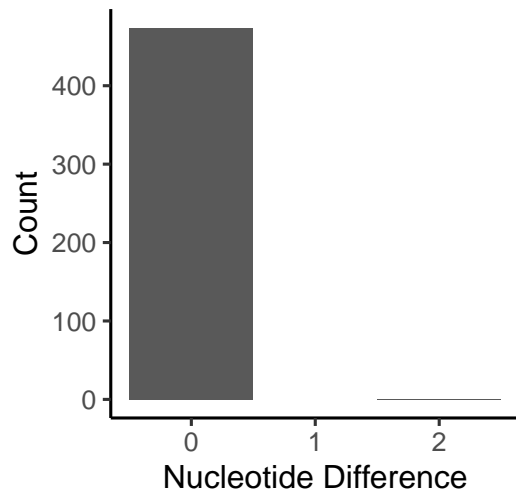
TRBV7-7*ap01_C315T

416 sequences assigned
416 (100%) exact matches, in which:
413 unique CDR3
13 unique J



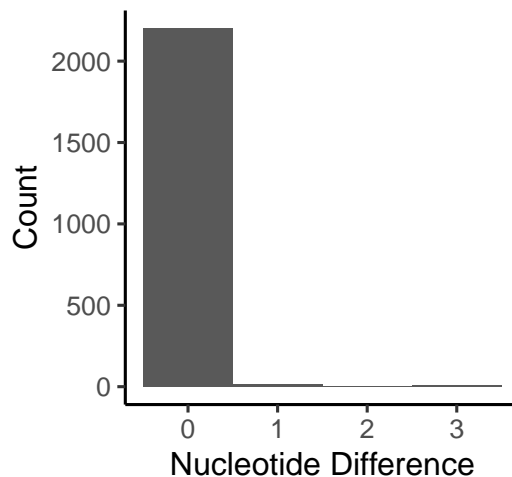
TRBV7-8*ap01

475 sequences assigned
474 (99.8%) exact matches, in which:
473 unique CDR3
13 unique J



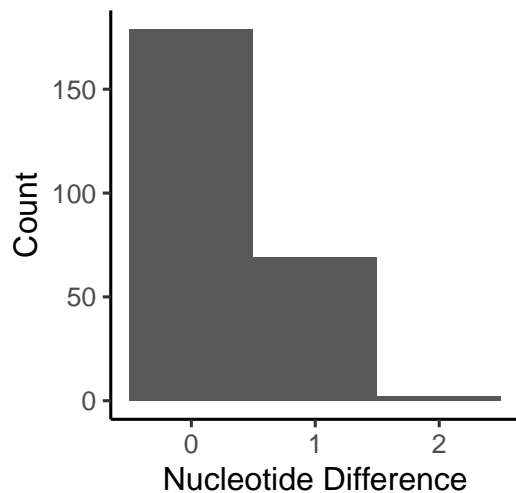
TRBV29-1*ap01

2230 sequences assigned
2201 (98.7%) exact matches, in which:
2171 unique CDR3
13 unique J



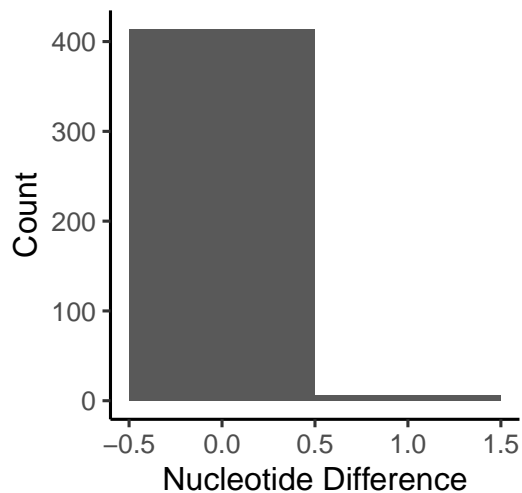
TRBV7-8*ap03

250 sequences assigned
179 (71.6%) exact matches, in which:
178 unique CDR3
13 unique J



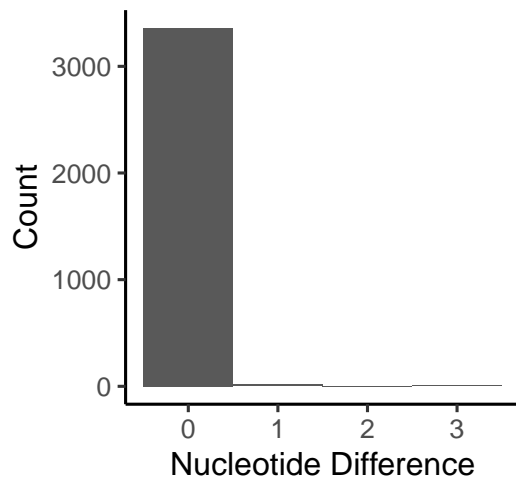
TRBV29-1*ap02

420 sequences assigned
414 (98.6%) exact matches, in which:
407 unique CDR3
13 unique J

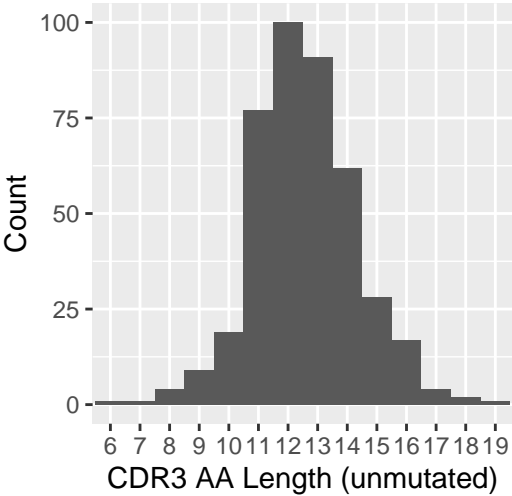


TRBV7-9*ap01

3388 sequences assigned
3359 (99.1%) exact matches, in which:
3350 unique CDR3
13 unique J



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.