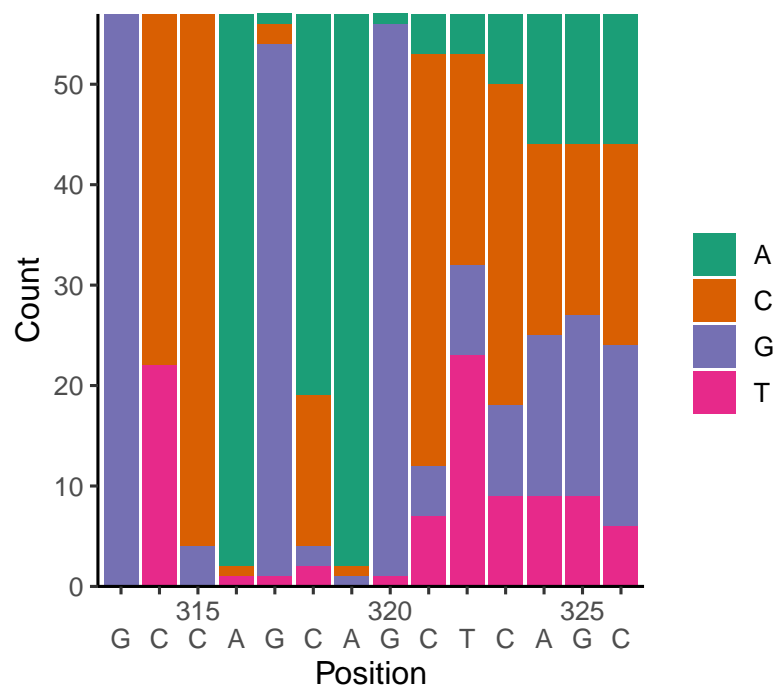
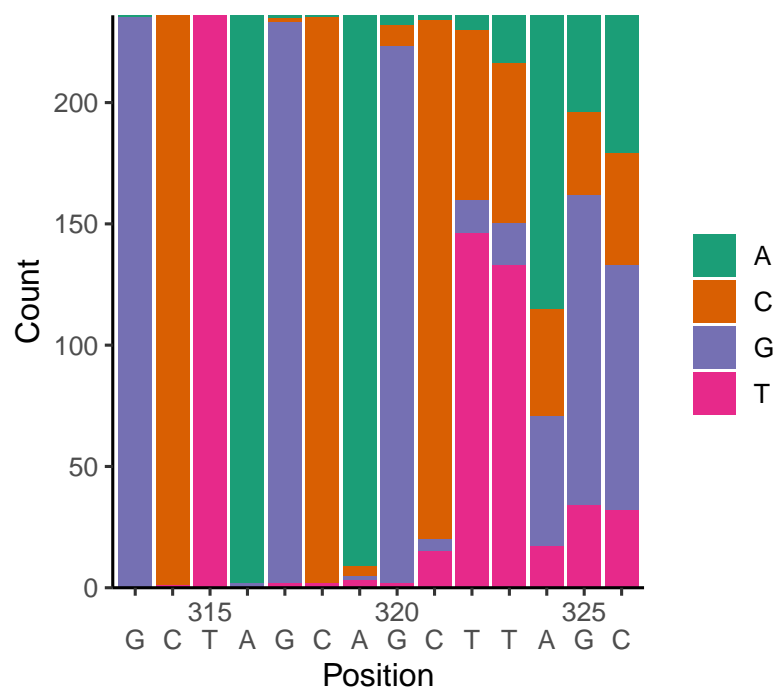


Gene TRBV7-1*ap01_T296C



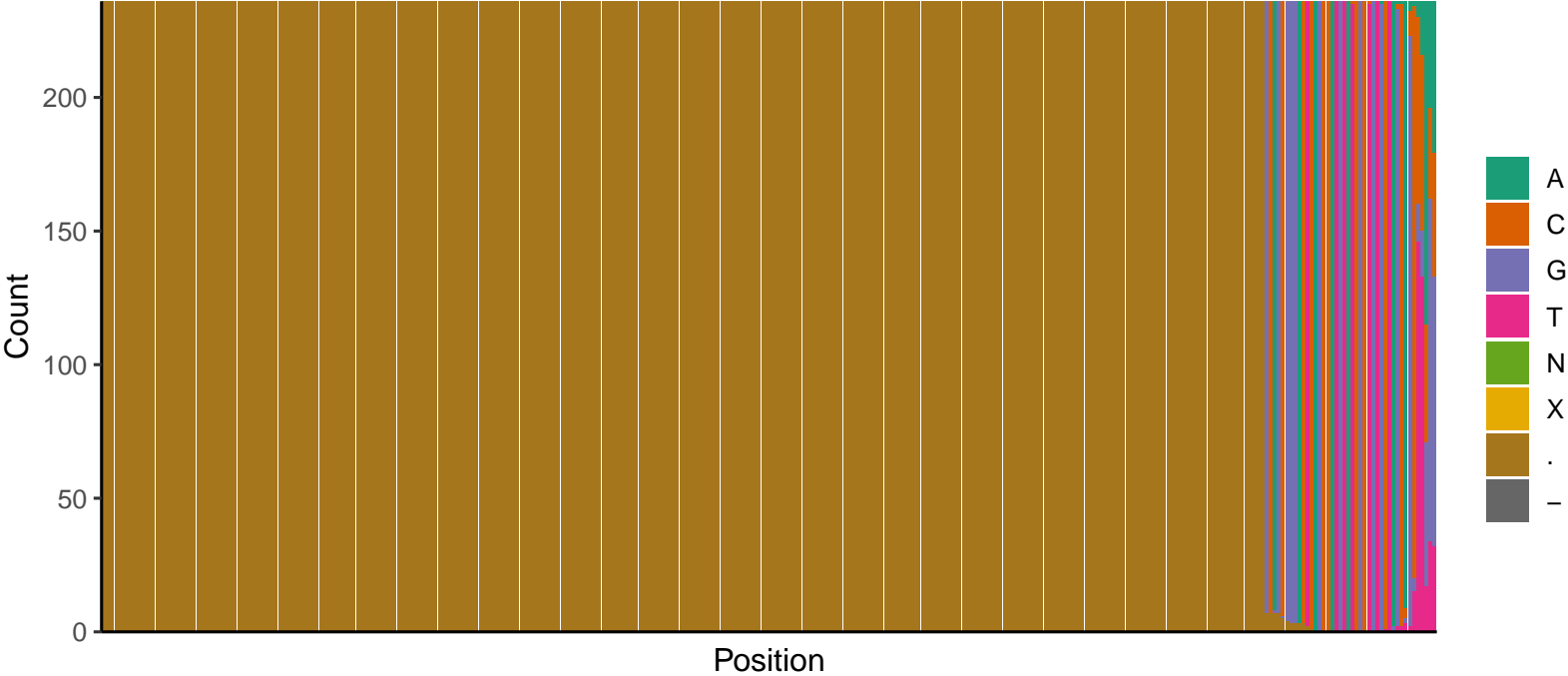
Gene TRBV7-7*ap01_C315T



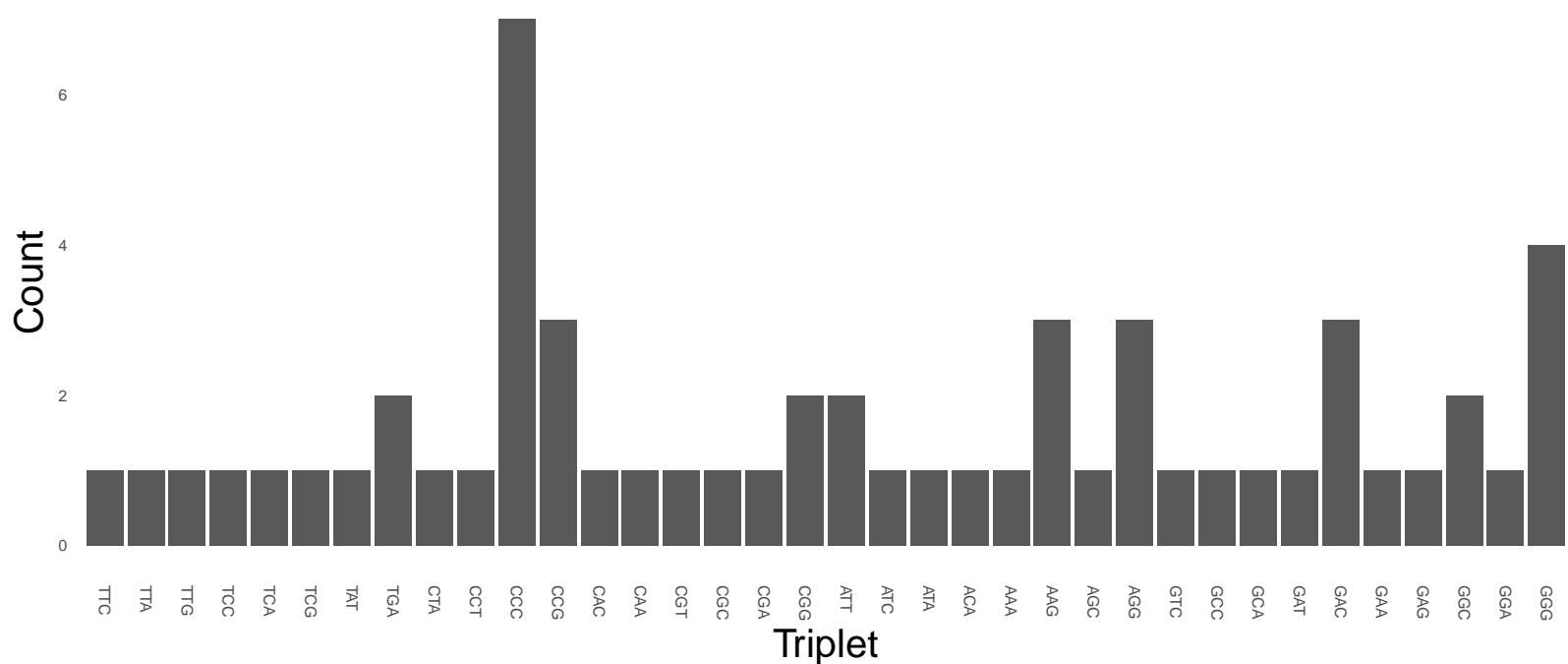
Gene TRBV7-1*ap01_T296C



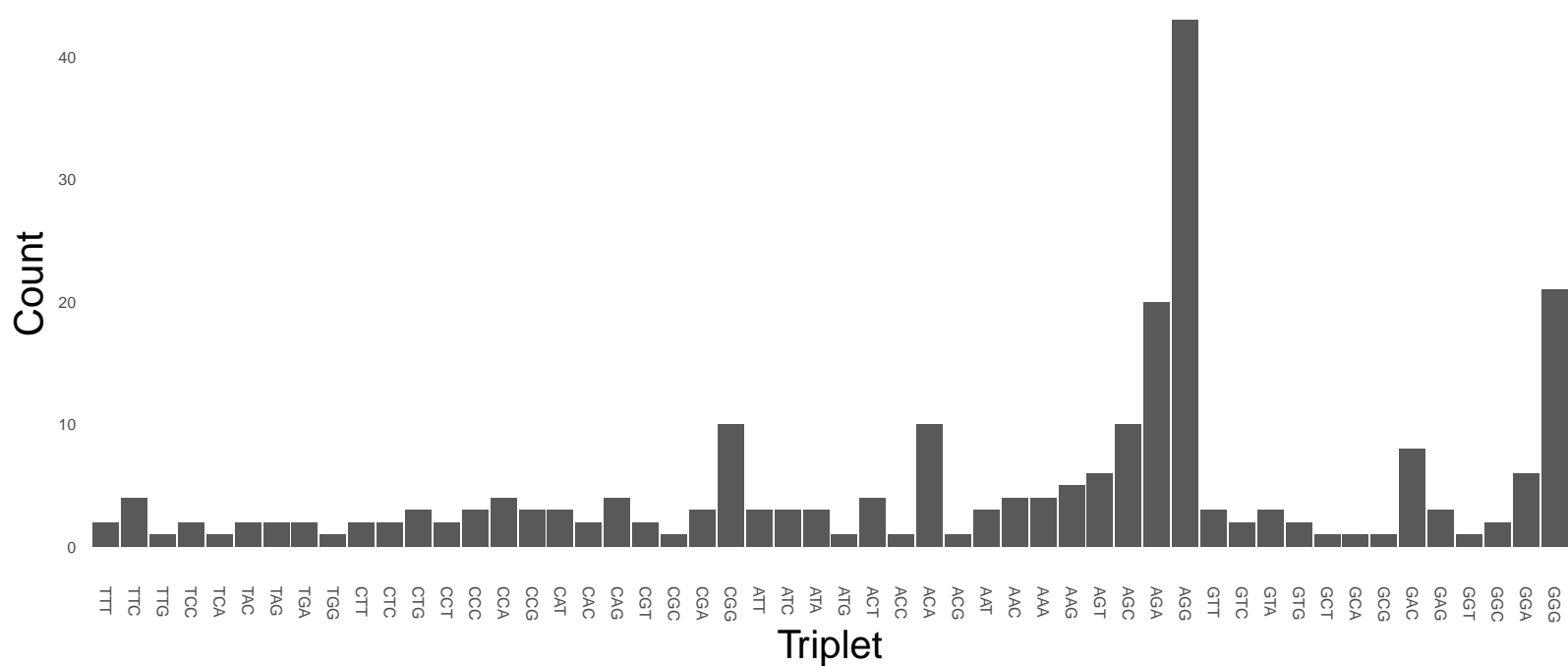
Gene TRBV7-7*ap01_C315T



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

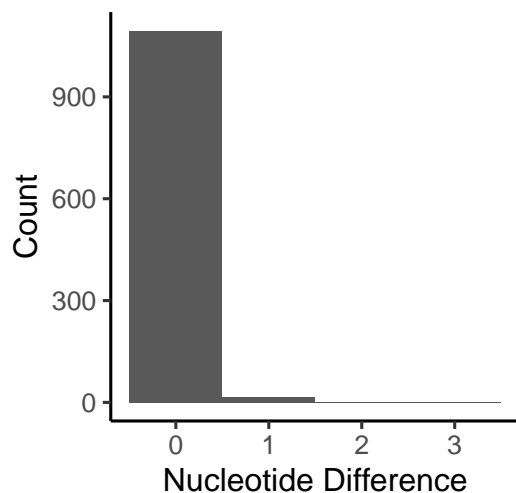


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



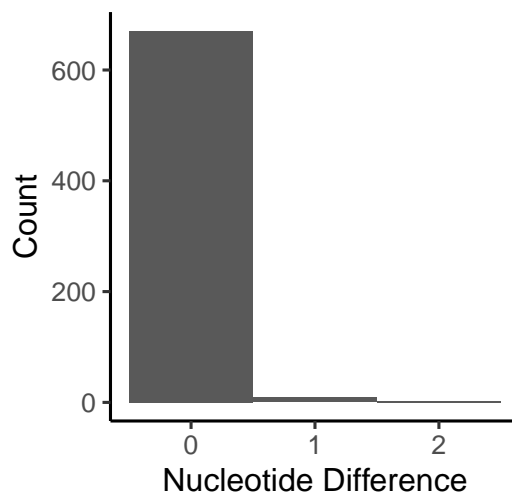
TRBV10–1*ap01

1114 sequences assigned
1095 (98.3%) exact matches, in which:
1047 unique CDR3
13 unique J



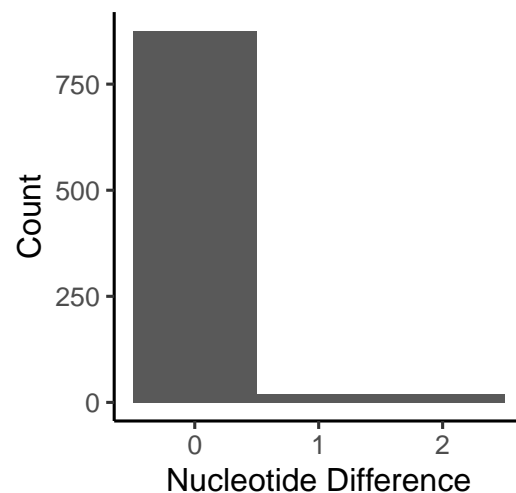
TRBV10–2*ap01

682 sequences assigned
671 (98.4%) exact matches, in which:
641 unique CDR3
13 unique J



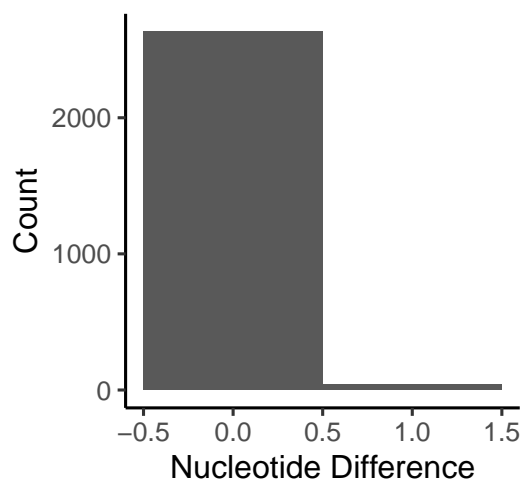
TRBV13*ap01

916 sequences assigned
876 (95.6%) exact matches, in which:
826 unique CDR3
13 unique J



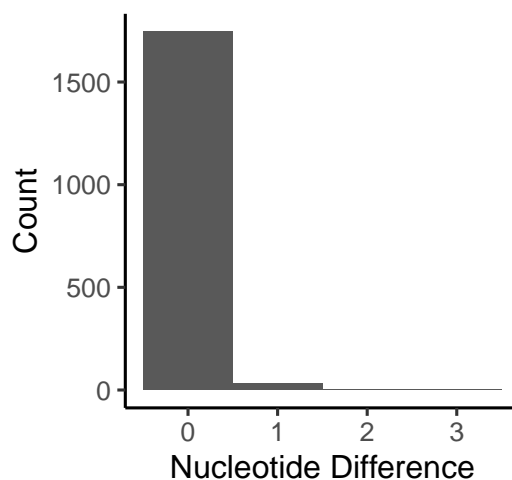
TRBV20–1*ap01

2675 sequences assigned
2632 (98.4%) exact matches, in which:
2558 unique CDR3
13 unique J



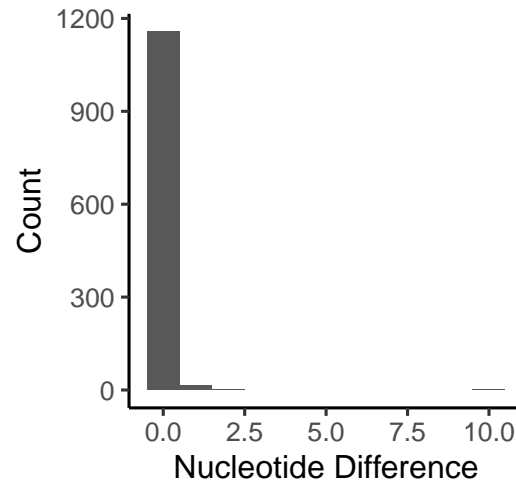
TRBV10–3*ap01

1779 sequences assigned
1745 (98.1%) exact matches, in which:
1677 unique CDR3
13 unique J



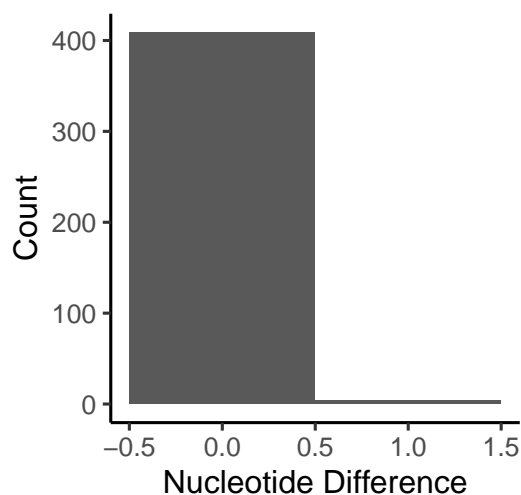
TRBV14*ap01

1174 sequences assigned
1157 (98.6%) exact matches, in which:
1127 unique CDR3
13 unique J



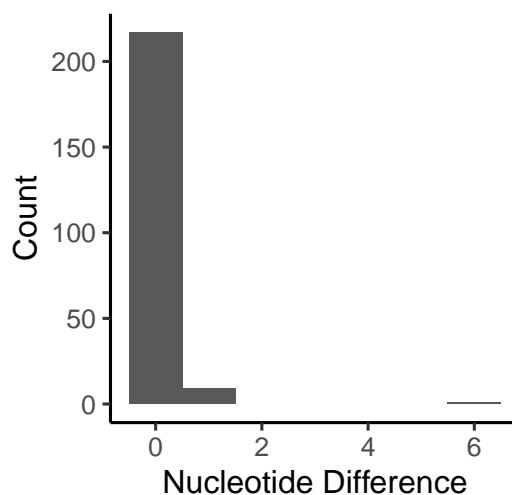
TRBV20–1*ap02

413 sequences assigned
409 (99%) exact matches, in which:
401 unique CDR3
13 unique J



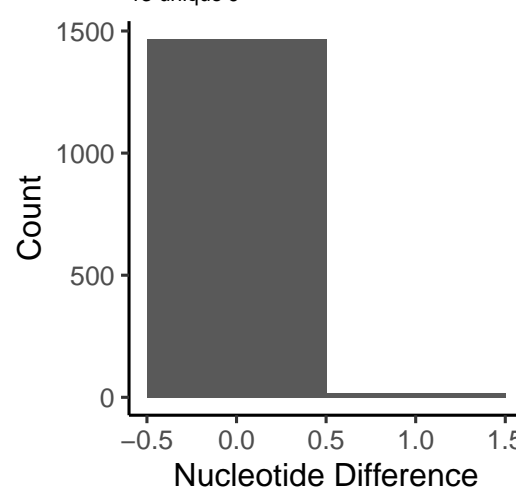
TRBV1*ap01

227 sequences assigned
217 (95.6%) exact matches, in which:
207 unique CDR3
13 unique J



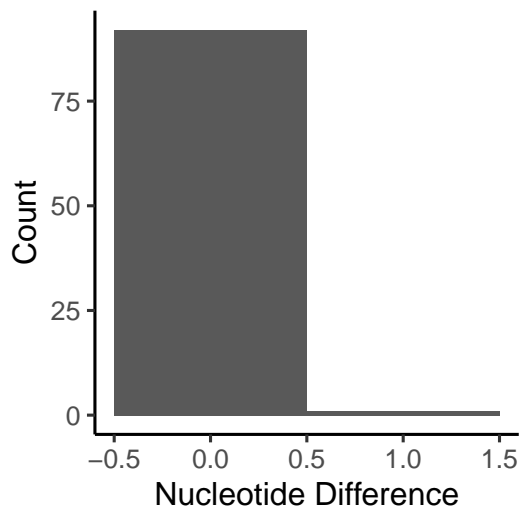
TRBV15*ap02

1485 sequences assigned
1467 (98.8%) exact matches, in which:
1395 unique CDR3
13 unique J



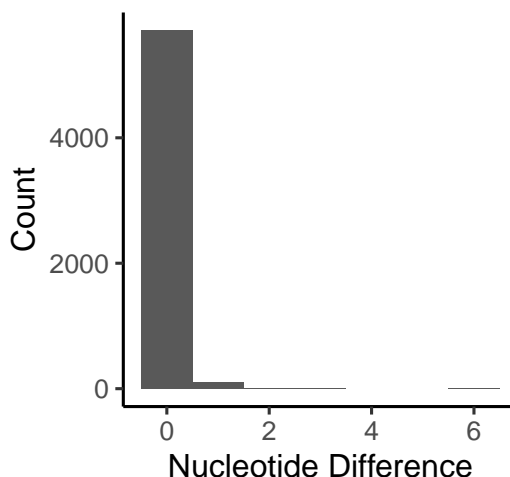
TRBV16*ap01

93 sequences assigned
92 (98.9%) exact matches, in which:
88 unique CDR3
13 unique J



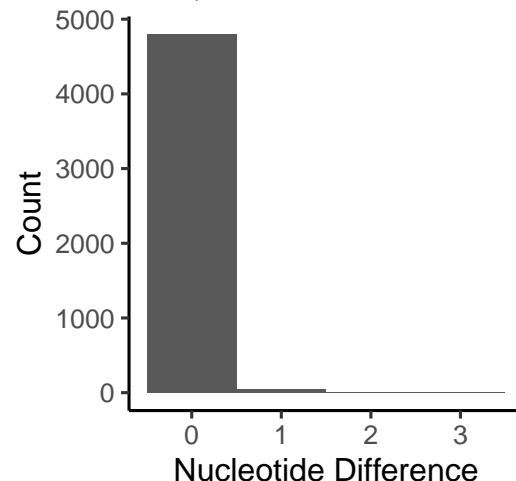
TRBV19*ap01

5821 sequences assigned
5712 (98.1%) exact matches, in which:
5567 unique CDR3
13 unique J



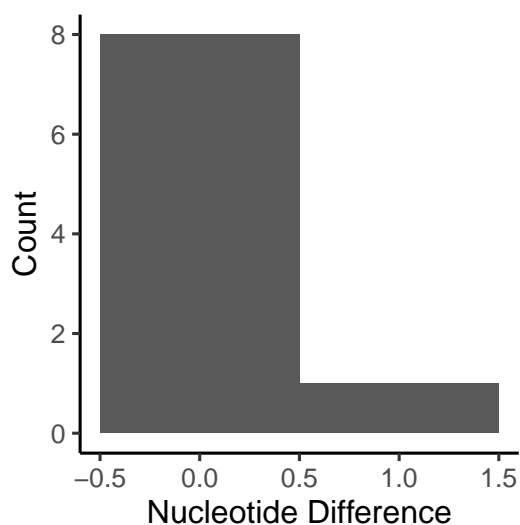
TRBV28*ap01

4845 sequences assigned
4796 (99%) exact matches, in which:
4685 unique CDR3
13 unique J



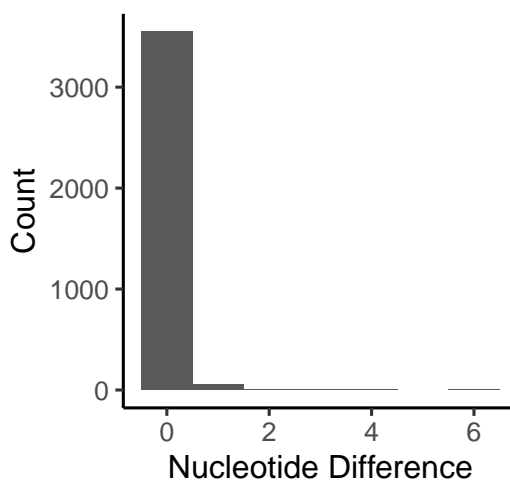
TRBV17*ap01

9 sequences assigned
8 (88.9%) exact matches, in which:
8 unique CDR3
6 unique J



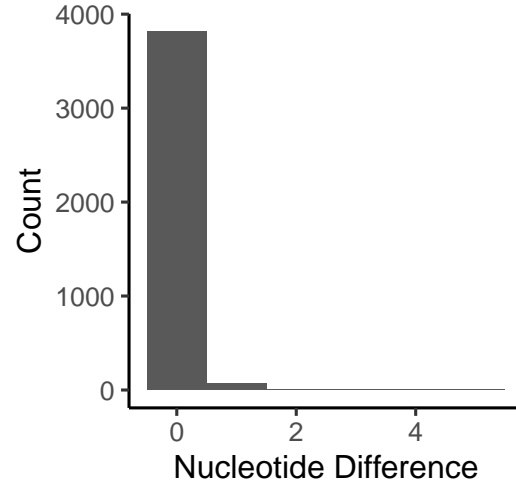
TRBV2*ap01

3609 sequences assigned
3549 (98.3%) exact matches, in which:
3430 unique CDR3
13 unique J



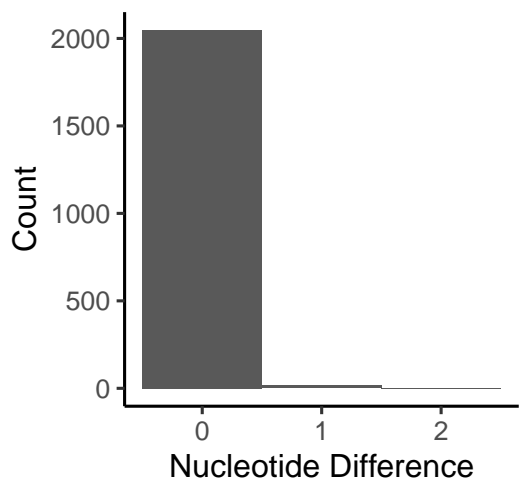
TRBV30*ap01

3896 sequences assigned
3813 (97.9%) exact matches, in which:
3678 unique CDR3
13 unique J



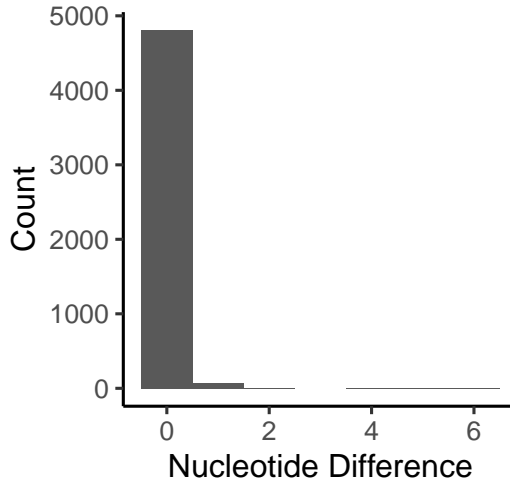
TRBV18*ap01

2066 sequences assigned
2048 (99.1%) exact matches, in which:
1997 unique CDR3
13 unique J



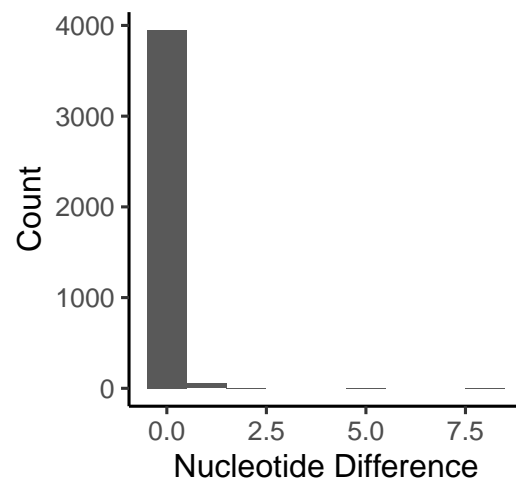
TRBV27*ap01

4893 sequences assigned
4809 (98.3%) exact matches, in which:
4682 unique CDR3
13 unique J



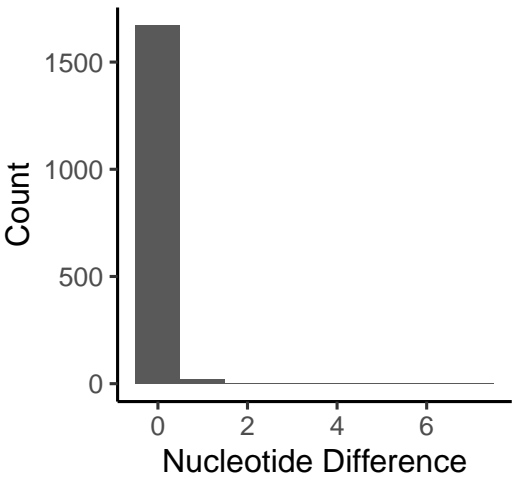
TRBV9*ap01

4007 sequences assigned
3949 (98.6%) exact matches, in which:
3818 unique CDR3
13 unique J



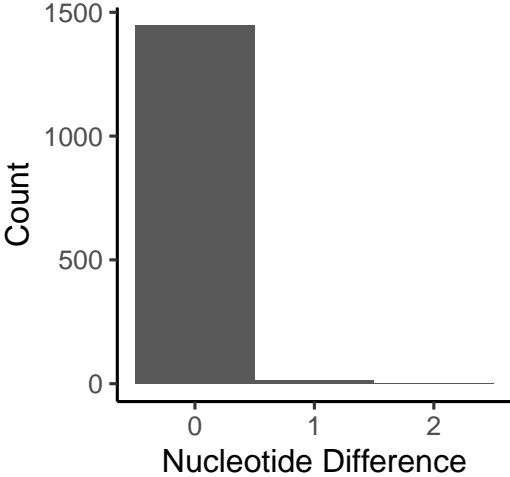
TRBV21-1*ap01

1709 sequences assigned
1671 (97.8%) exact matches, in which:
1650 unique CDR3
13 unique J



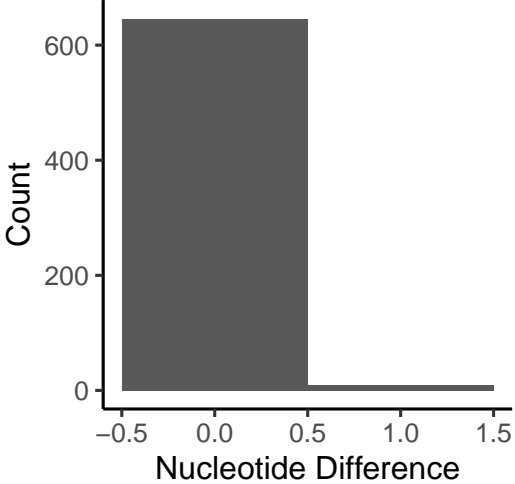
TRBV11-3*ap01

1462 sequences assigned
1447 (99%) exact matches, in which:
1404 unique CDR3
13 unique J



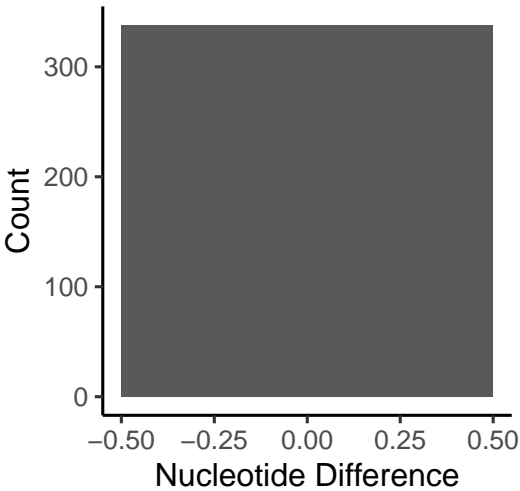
TRBV12-5*ap01

655 sequences assigned
646 (98.6%) exact matches, in which:
618 unique CDR3
13 unique J



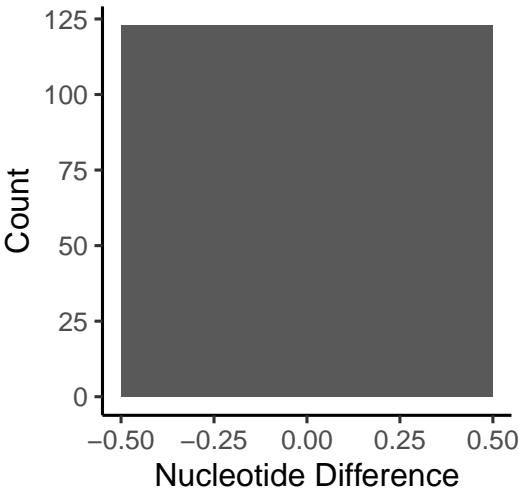
TRBV11-1*ap01

338 sequences assigned
338 (100%) exact matches, in which:
325 unique CDR3
13 unique J



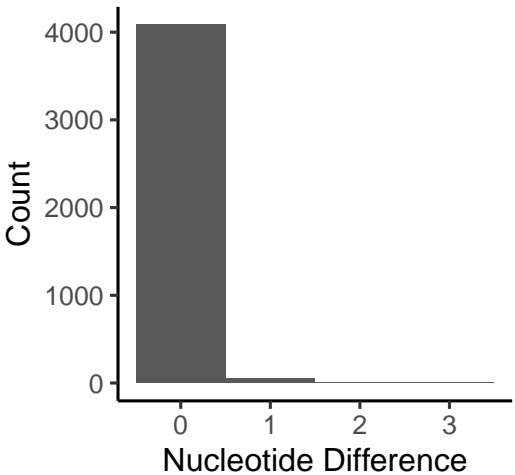
TRBV12-1*ap01

123 sequences assigned
123 (100%) exact matches, in which:
120 unique CDR3
12 unique J



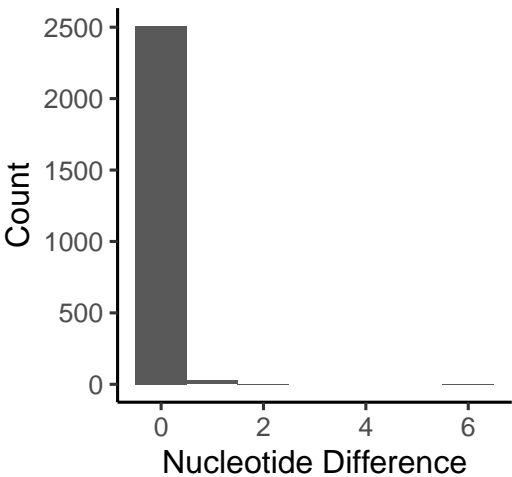
TRBV12-34*ap01

4141 sequences assigned
4085 (98.6%) exact matches, in which:
3960 unique CDR3
13 unique J



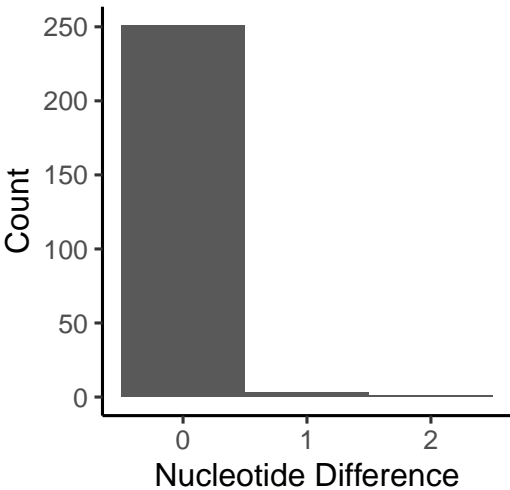
TRBV11-2*ap01

2538 sequences assigned
2508 (98.8%) exact matches, in which:
2421 unique CDR3
13 unique J



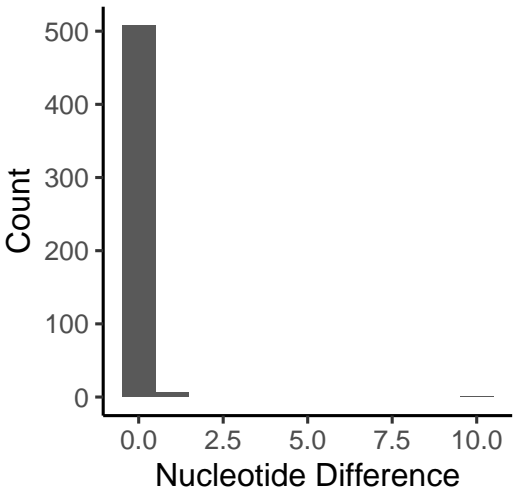
TRBV12-2*ap01

255 sequences assigned
251 (98.4%) exact matches, in which:
246 unique CDR3
13 unique J



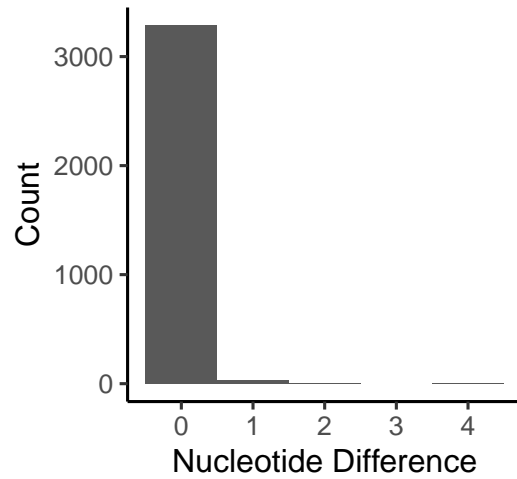
TRBV23-1*ap01

515 sequences assigned
508 (98.6%) exact matches, in which:
501 unique CDR3
13 unique J



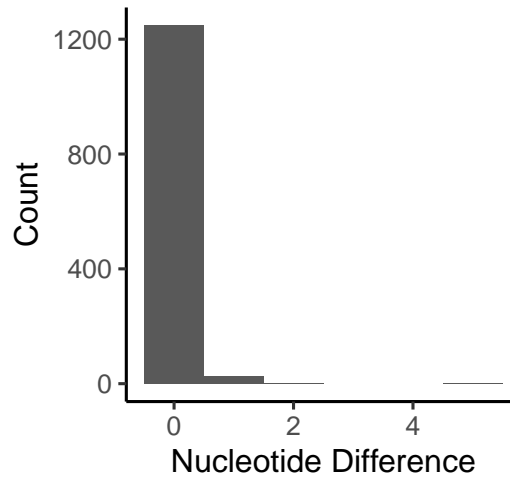
TRBV3-12*ap01

3324 sequences assigned
3286 (98.9%) exact matches, in which:
3163 unique CDR3
13 unique J



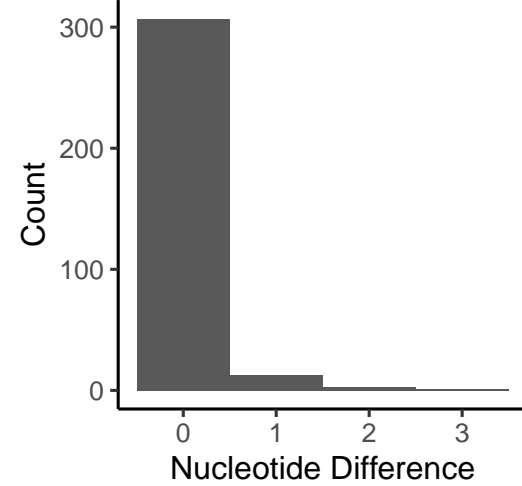
TRBV4-2*ap01

1275 sequences assigned
1248 (97.9%) exact matches, in which:
1188 unique CDR3
13 unique J



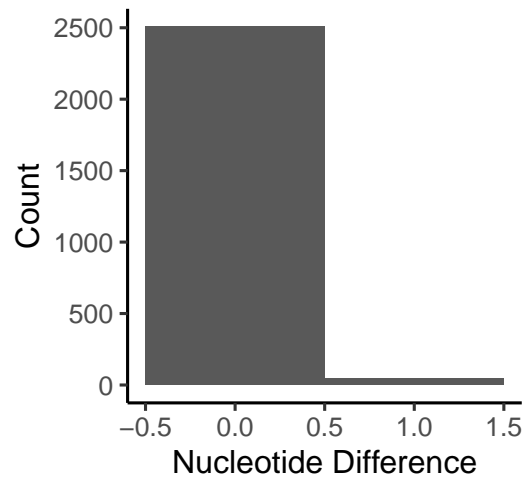
TRBV5-3*ap01

324 sequences assigned
307 (94.8%) exact matches, in which:
287 unique CDR3
13 unique J



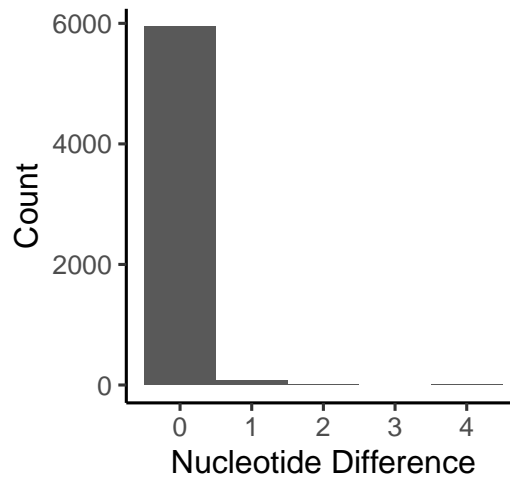
TRBV24-1*ap01

2551 sequences assigned
2507 (98.3%) exact matches, in which:
2439 unique CDR3
13 unique J



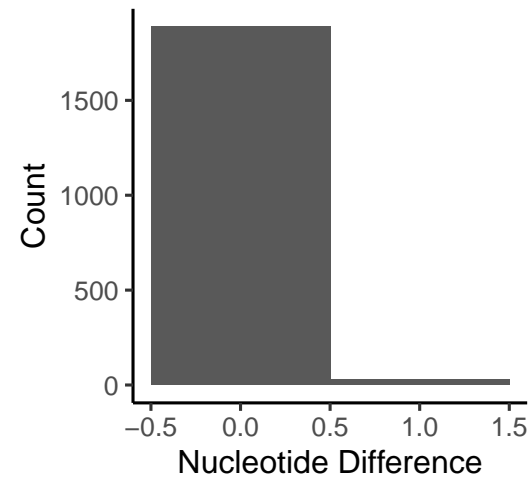
TRBV5-1*ap01

6029 sequences assigned
5944 (98.6%) exact matches, in which:
5671 unique CDR3
13 unique J



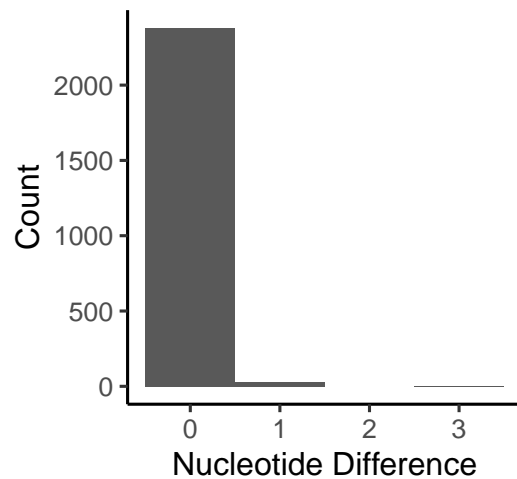
TRBV5-4*ap01

1916 sequences assigned
1888 (98.5%) exact matches, in which:
1821 unique CDR3
13 unique J



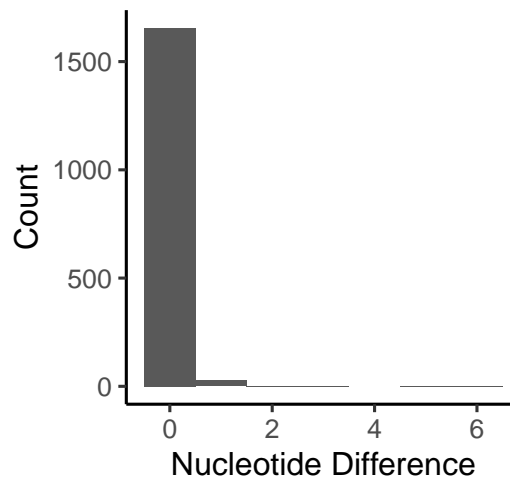
TRBV4-1*ap01

2410 sequences assigned
2379 (98.7%) exact matches, in which:
2280 unique CDR3
13 unique J



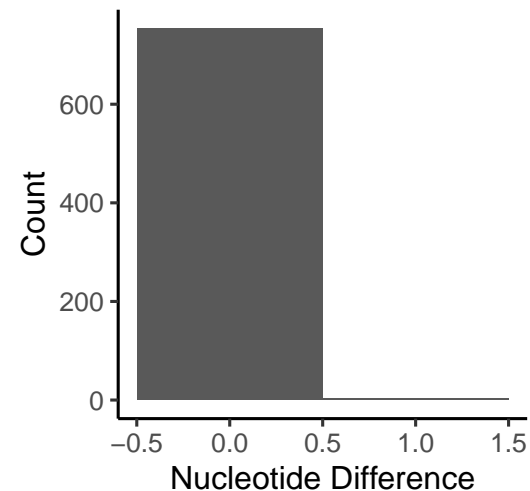
TRBV25-1*ap01

1687 sequences assigned
1655 (98.1%) exact matches, in which:
1586 unique CDR3
13 unique J



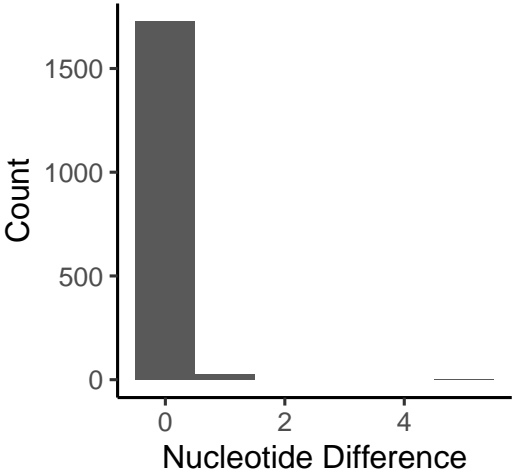
TRBV5-5*ap01

757 sequences assigned
754 (99.6%) exact matches, in which:
734 unique CDR3
13 unique J



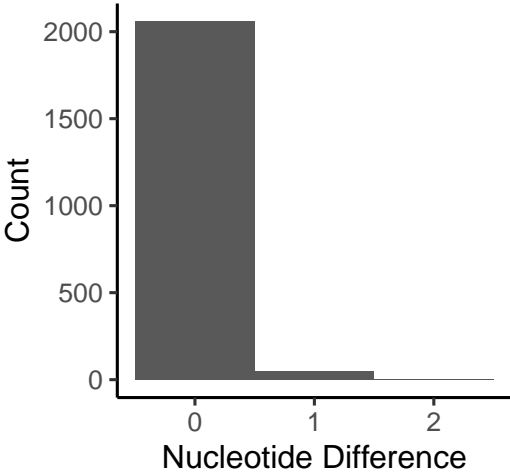
TRBV5-6*ap01

1755 sequences assigned
1727 (98.4%) exact matches, in which:
1646 unique CDR3
13 unique J



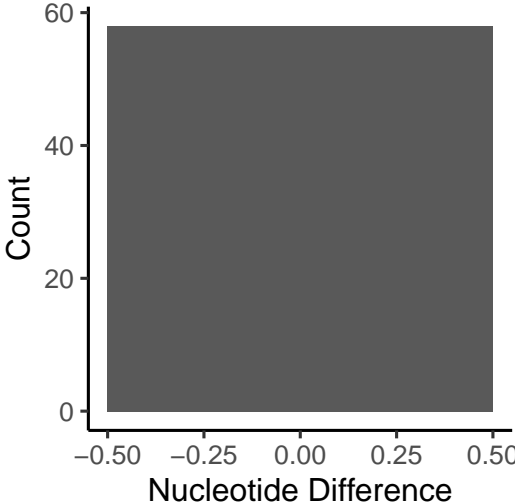
TRBV6-1*ap01

2111 sequences assigned
2059 (97.5%) exact matches, in which:
1958 unique CDR3
13 unique J



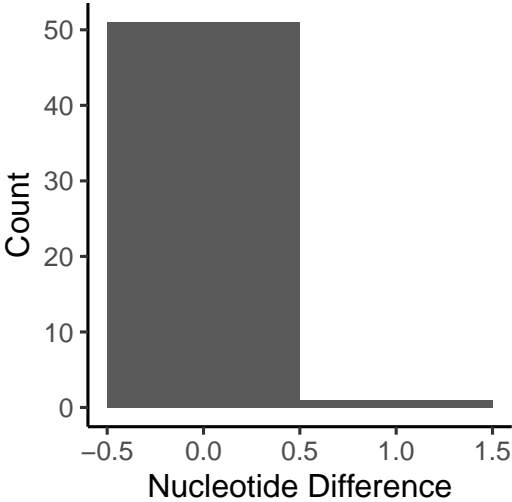
TRBV6-8*ap01

58 sequences assigned
58 (100%) exact matches, in which:
55 unique CDR3
11 unique J



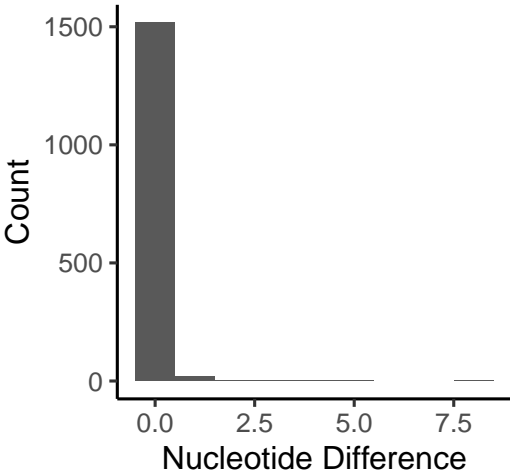
TRBV5-7*ap01

52 sequences assigned
51 (98.1%) exact matches, in which:
49 unique CDR3
11 unique J



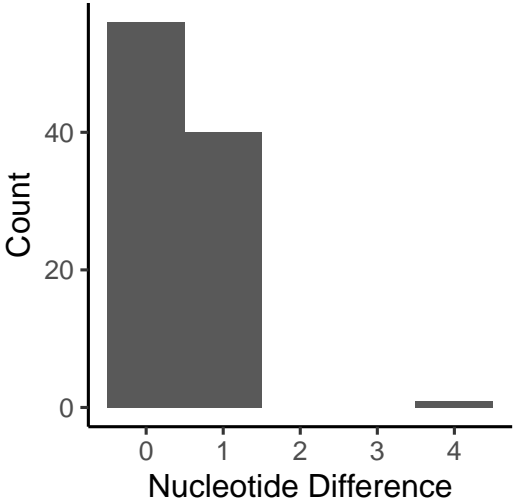
TRBV6-4*ap01

1544 sequences assigned
1517 (98.3%) exact matches, in which:
1482 unique CDR3
13 unique J



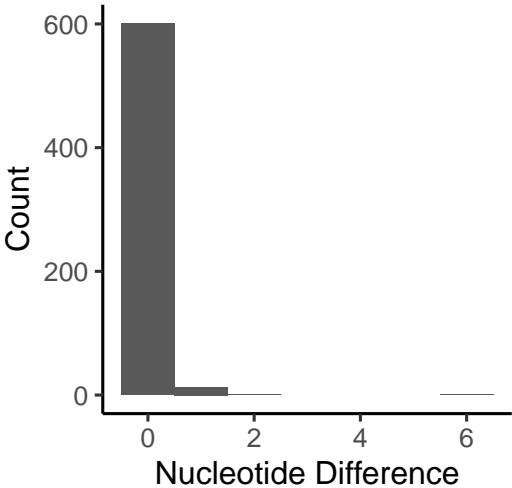
TRBV6-9*ap01

97 sequences assigned
56 (57.7%) exact matches, in which:
51 unique CDR3
11 unique J



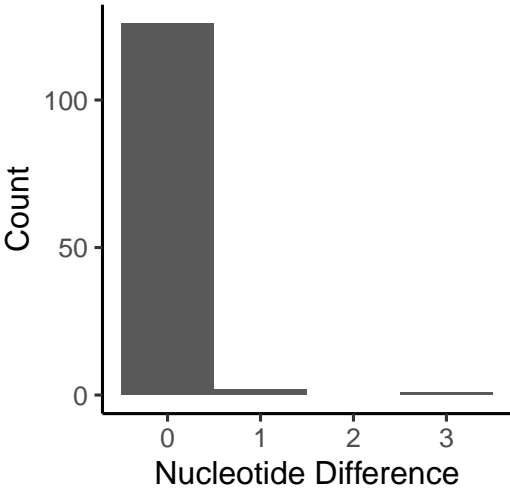
TRBV5-8*ap01

616 sequences assigned
601 (97.6%) exact matches, in which:
577 unique CDR3
13 unique J



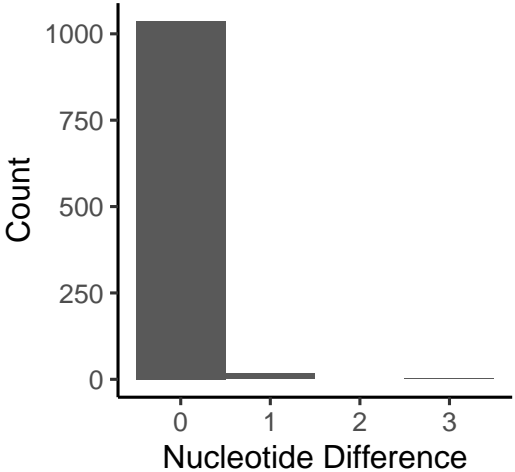
TRBV6-7*ap01

129 sequences assigned
126 (97.7%) exact matches, in which:
121 unique CDR3
13 unique J



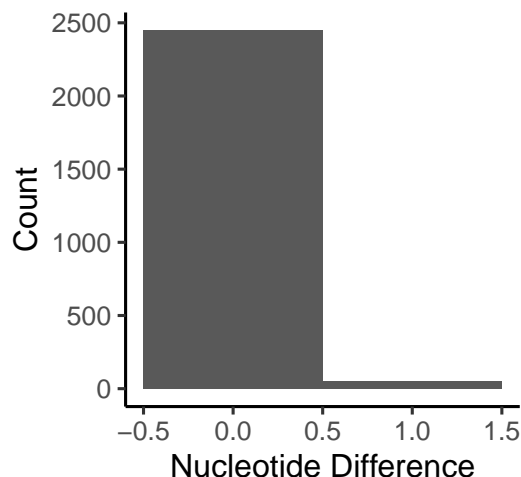
TRBV6-23*ap01

1056 sequences assigned
1037 (98.2%) exact matches, in which:
979 unique CDR3
13 unique J



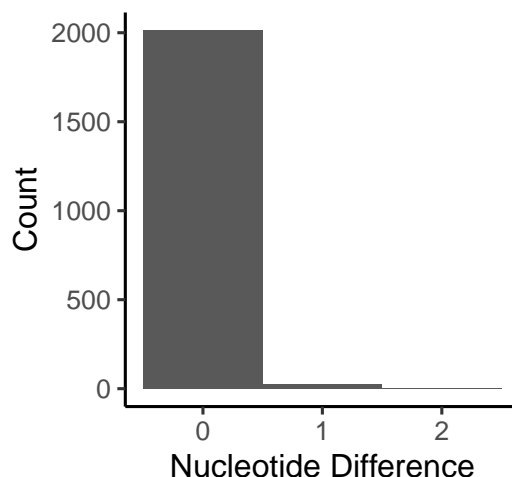
TRBV6-56*ap01

2496 sequences assigned
2448 (98.1%) exact matches, in which:
2348 unique CDR3
13 unique J



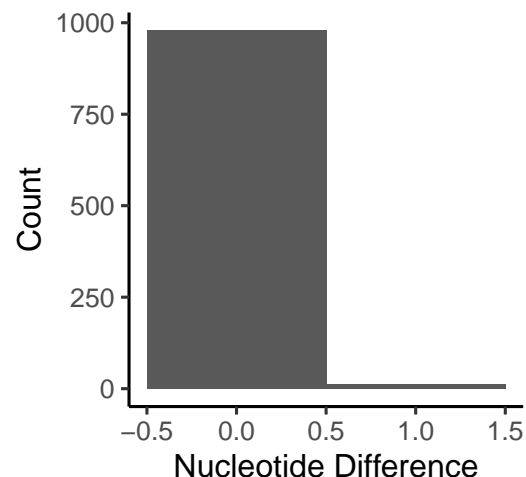
TRBV7-2*ap01

2040 sequences assigned
2013 (98.7%) exact matches, in which:
1950 unique CDR3
13 unique J



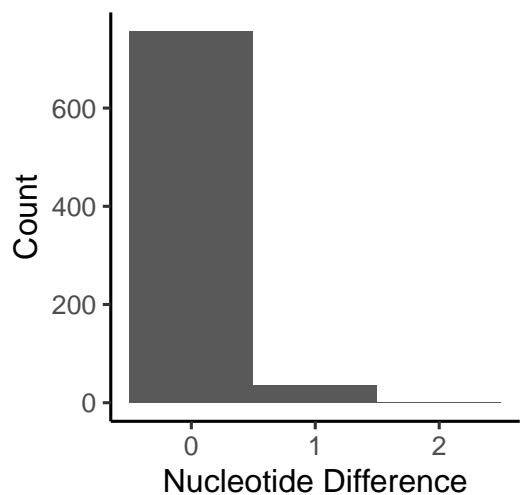
TRBV7-6*ap01

990 sequences assigned
979 (98.9%) exact matches, in which:
932 unique CDR3
13 unique J



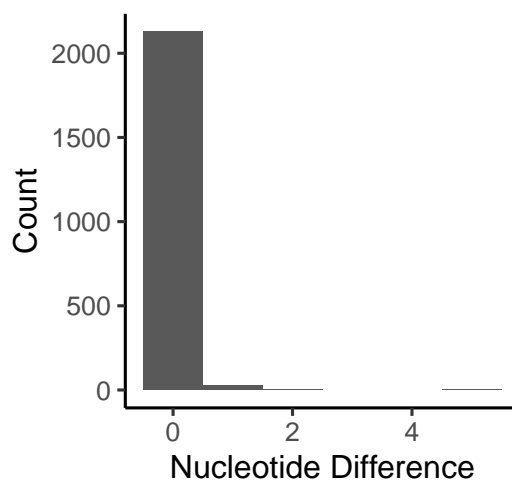
TRBV6-56*ap02

795 sequences assigned
757 (95.2%) exact matches, in which:
724 unique CDR3
13 unique J



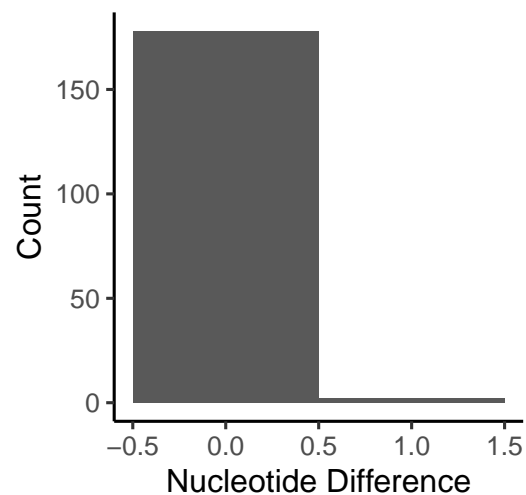
TRBV7-3*ap01

2156 sequences assigned
2128 (98.7%) exact matches, in which:
2048 unique CDR3
13 unique J



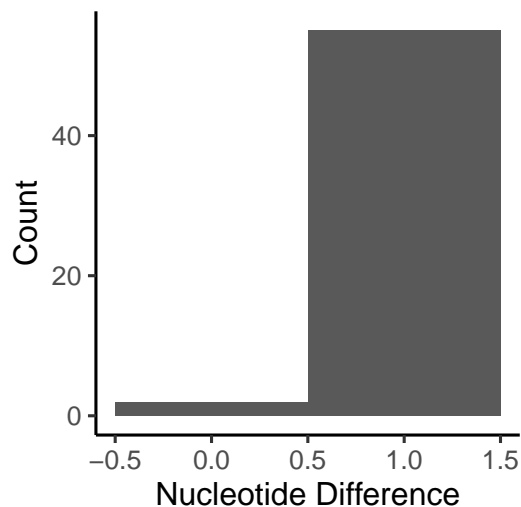
TRBV7-7*ap01

180 sequences assigned
178 (98.9%) exact matches, in which:
174 unique CDR3
12 unique J



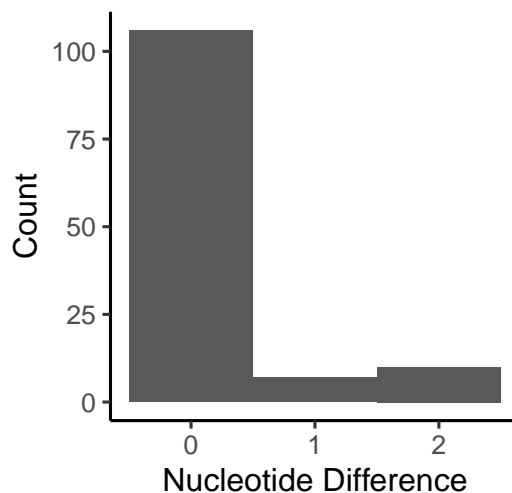
TRBV7-1*ap01_T296C

57 sequences assigned
2 (3.5%) exact matches, in which:
2 unique CDR3
1 unique J



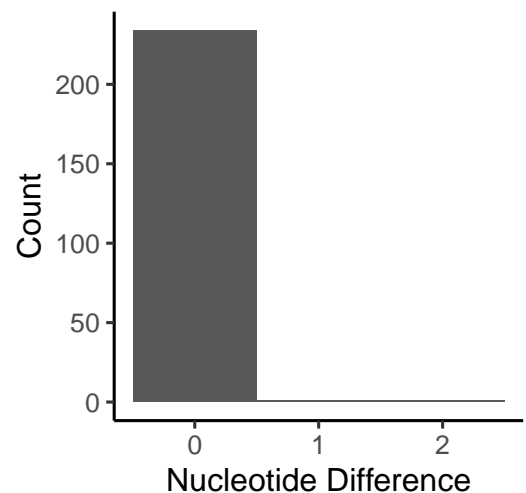
TRBV7-4*ap01

123 sequences assigned
106 (86.2%) exact matches, in which:
104 unique CDR3
13 unique J



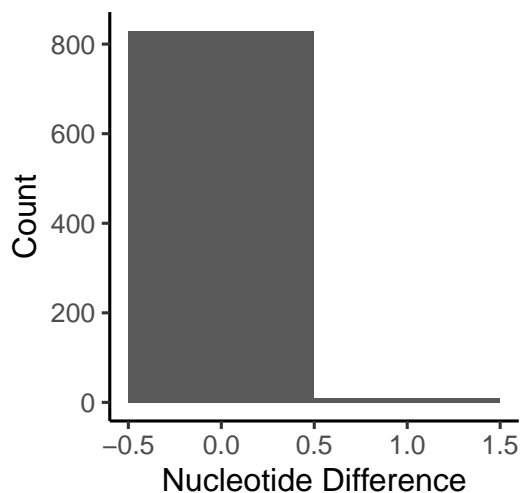
TRBV7-7*ap01_C315T

236 sequences assigned
234 (99.2%) exact matches, in which:
227 unique CDR3
12 unique J



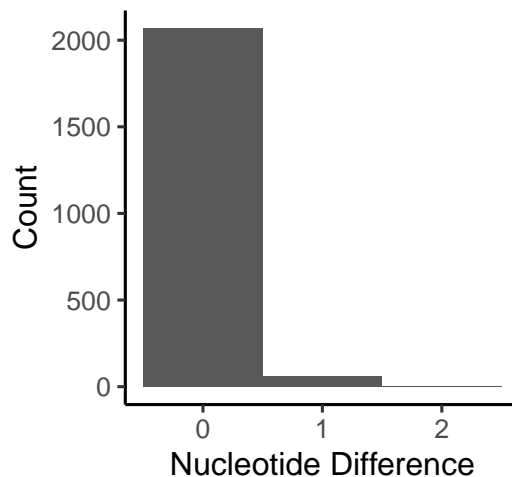
TRBV7-8*ap01

839 sequences assigned
830 (98.9%) exact matches, in which:
806 unique CDR3
13 unique J



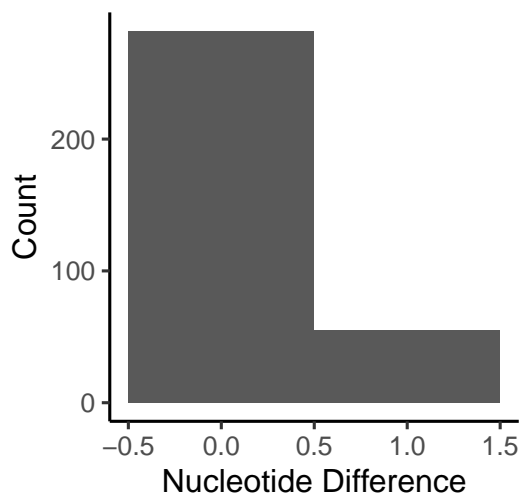
TRBV29-1*ap01

2132 sequences assigned
2068 (97%) exact matches, in which:
1987 unique CDR3
13 unique J



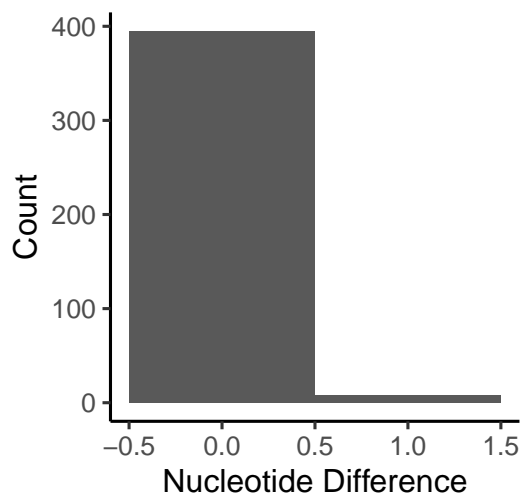
TRBV7-8*ap03

337 sequences assigned
282 (83.7%) exact matches, in which:
277 unique CDR3
13 unique J



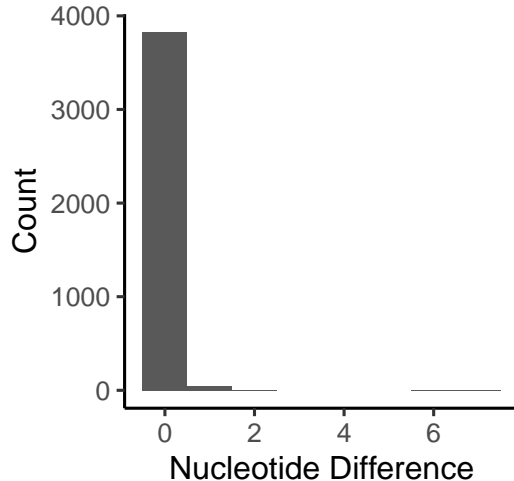
TRBV29-1*ap02

403 sequences assigned
395 (98%) exact matches, in which:
380 unique CDR3
13 unique J

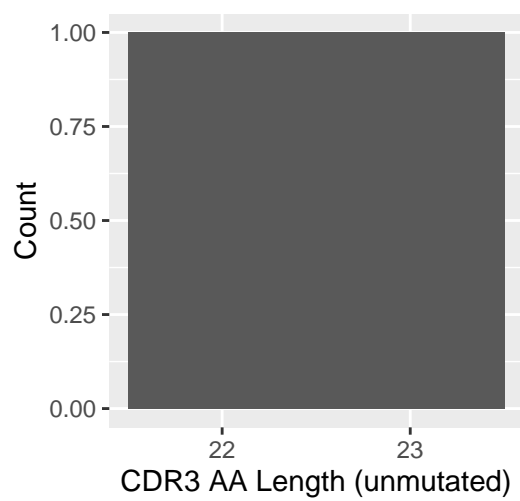


TRBV7-9*ap01

3878 sequences assigned
3827 (98.7%) exact matches, in which:
3693 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T

