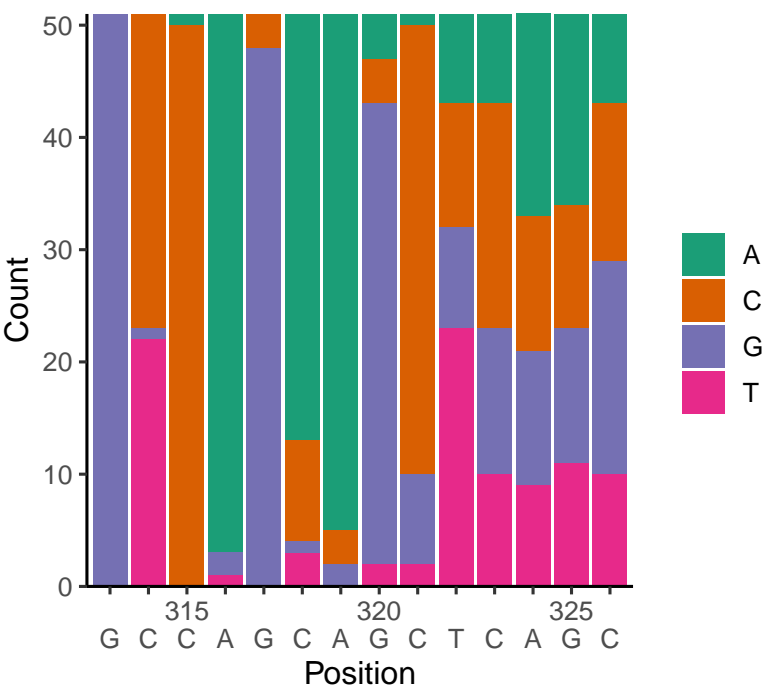
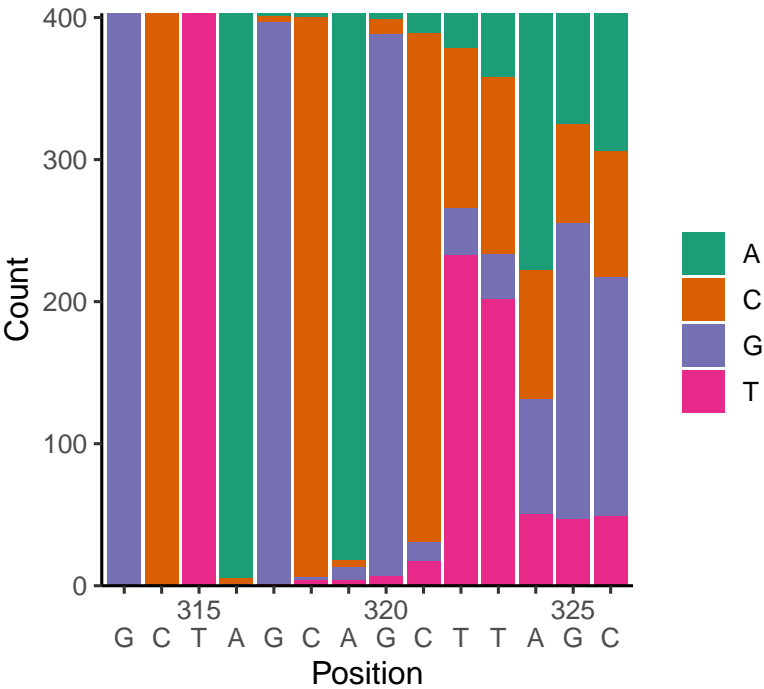


Gene TRBV7-1*ap01_T296C



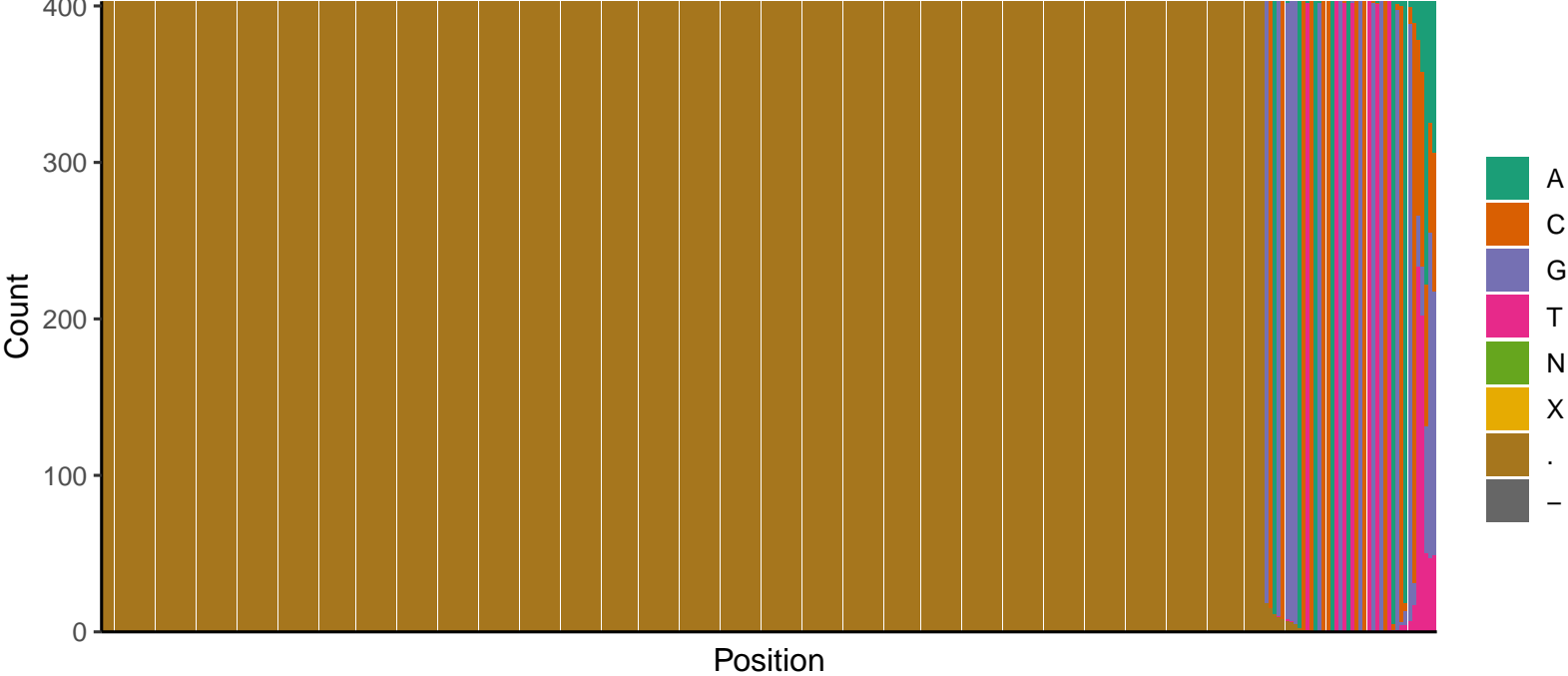
Gene TRBV7-7*ap01_C315T



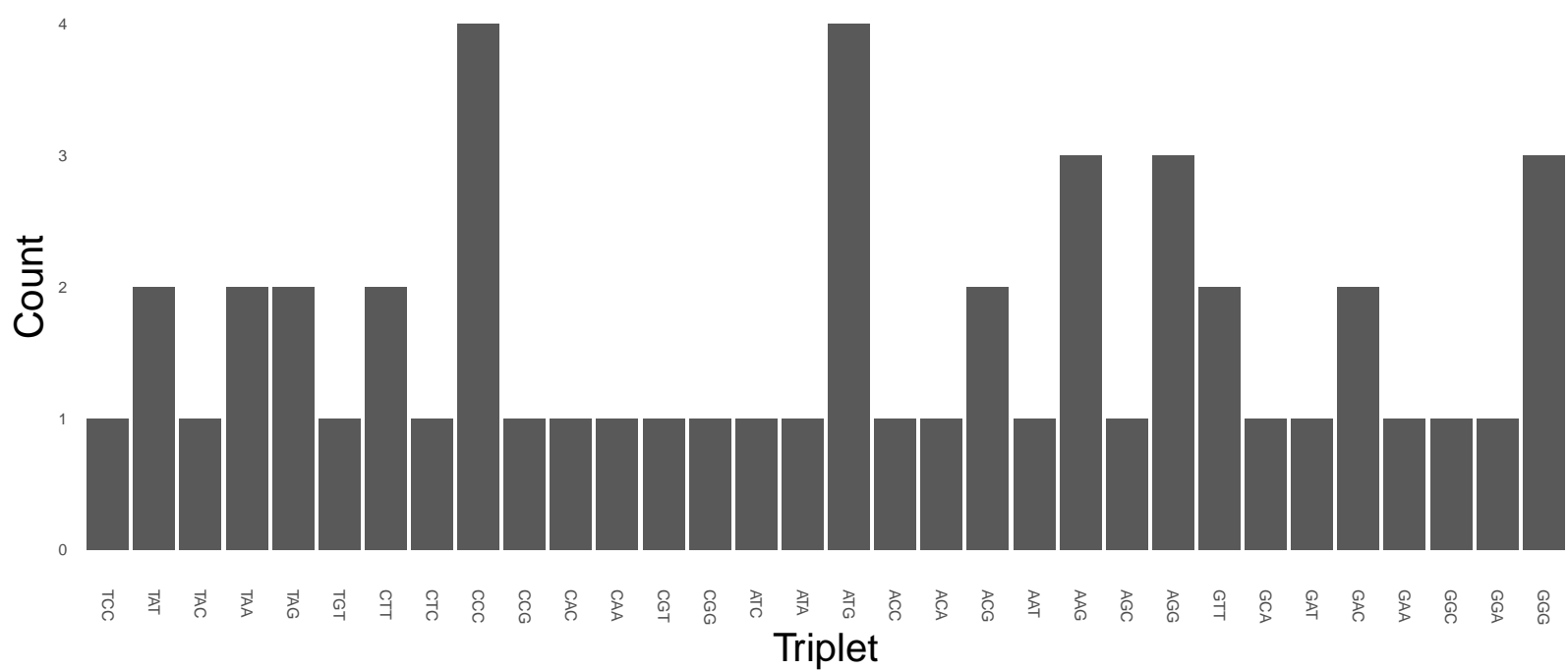
Gene TRBV7-1*ap01_T296C



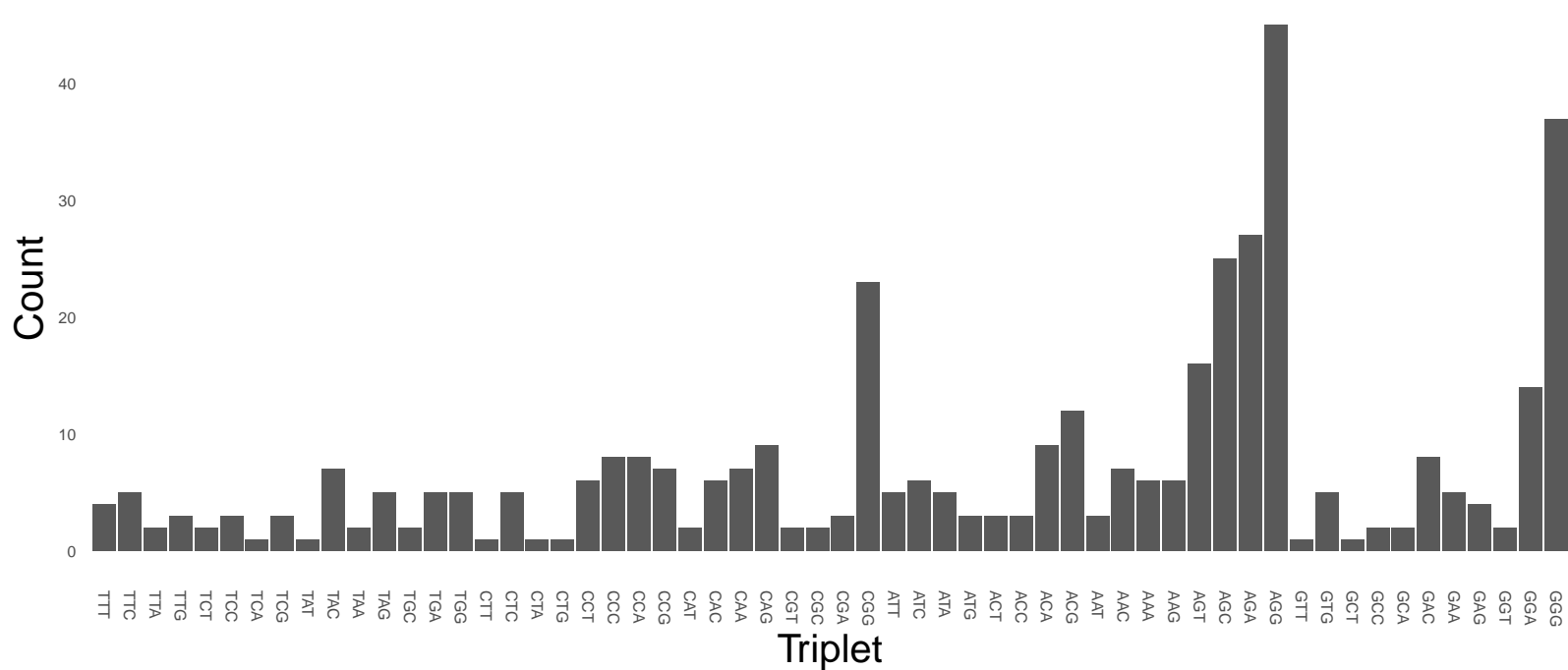
Gene TRBV7-7*ap01_C315T



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

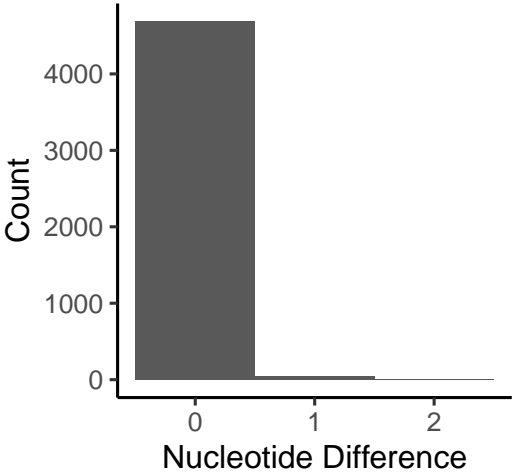


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



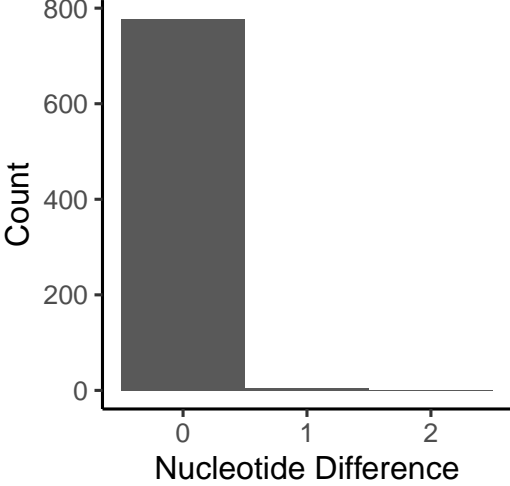
TRBV20-1*ap01

4750 sequences assigned
4687 (98.7%) exact matches, in which:
4652 unique CDR3
13 unique J



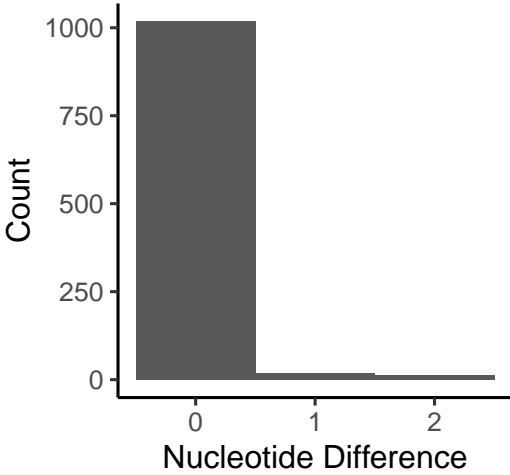
TRBV10-2*ap01

784 sequences assigned
778 (99.2%) exact matches, in which:
775 unique CDR3
13 unique J



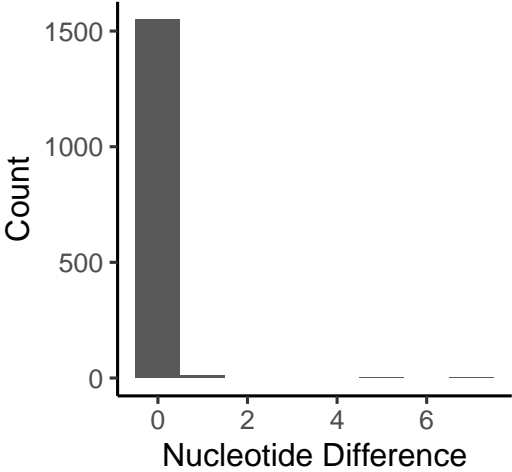
TRBV13*ap01

1048 sequences assigned
1018 (97.1%) exact matches, in which:
1001 unique CDR3
13 unique J



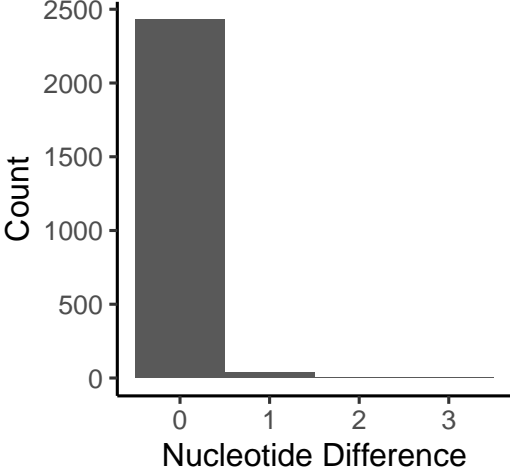
TRBV10-1*ap01

1564 sequences assigned
1549 (99%) exact matches, in which:
1535 unique CDR3
13 unique J



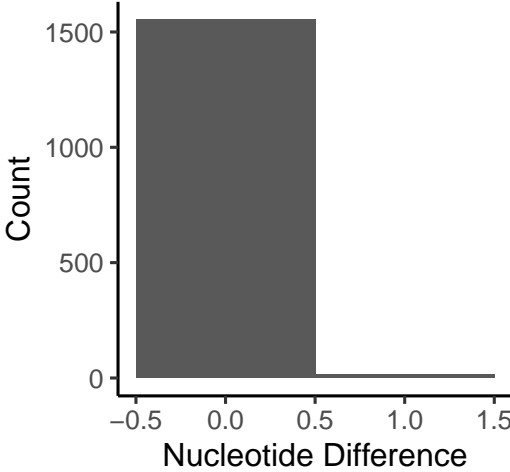
TRBV10-3*ap01

2469 sequences assigned
2429 (98.4%) exact matches, in which:
2416 unique CDR3
13 unique J



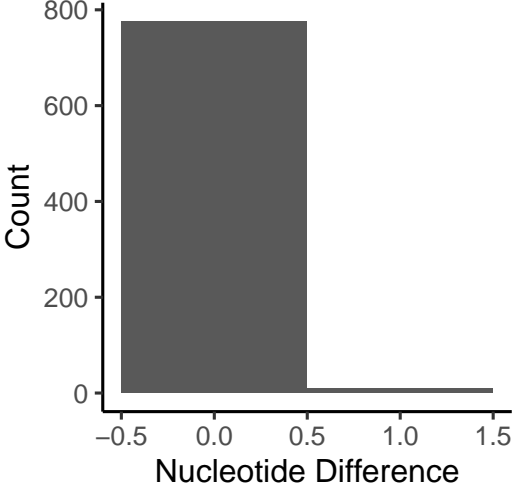
TRBV14*ap01

1567 sequences assigned
1553 (99.1%) exact matches, in which:
1545 unique CDR3
13 unique J



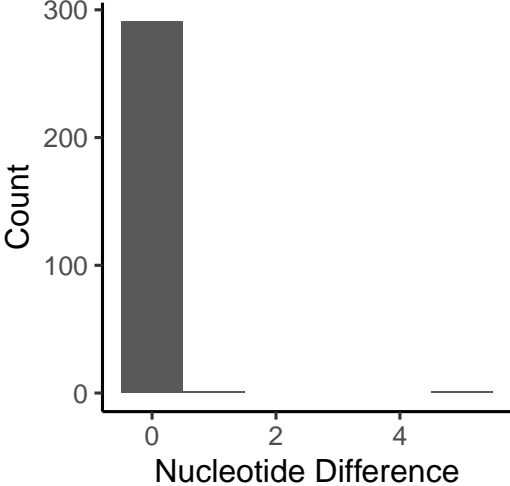
TRBV20-1*ap02

785 sequences assigned
776 (98.9%) exact matches, in which:
770 unique CDR3
13 unique J



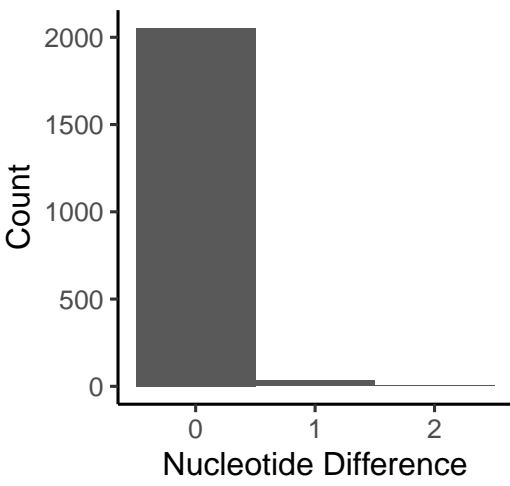
TRBV1*ap01

293 sequences assigned
291 (99.3%) exact matches, in which:
286 unique CDR3
13 unique J



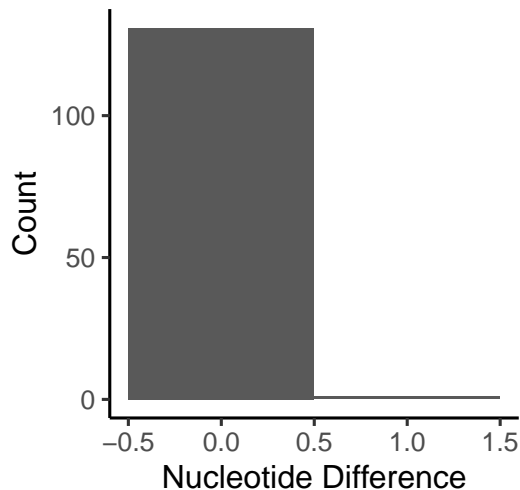
TRBV15*ap02

2092 sequences assigned
2053 (98.1%) exact matches, in which:
2035 unique CDR3
13 unique J



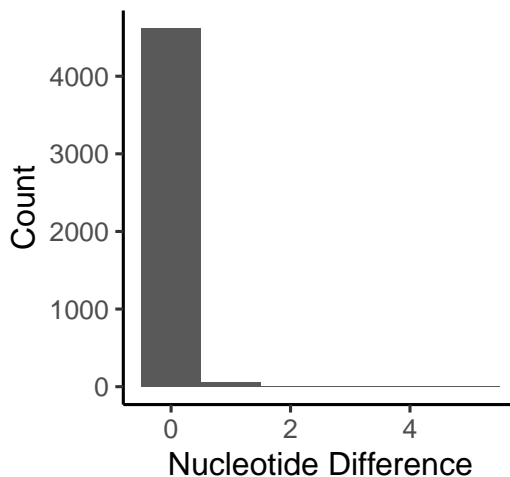
TRBV16*ap01

132 sequences assigned
131 (99.2%) exact matches, in which:
128 unique CDR3
13 unique J



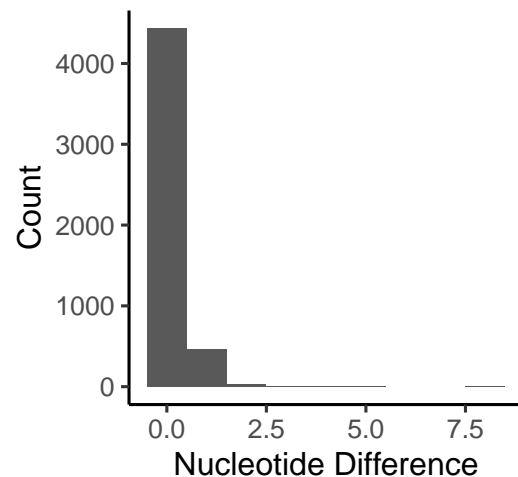
TRBV2*ap01

4686 sequences assigned
4616 (98.5%) exact matches, in which:
4569 unique CDR3
13 unique J



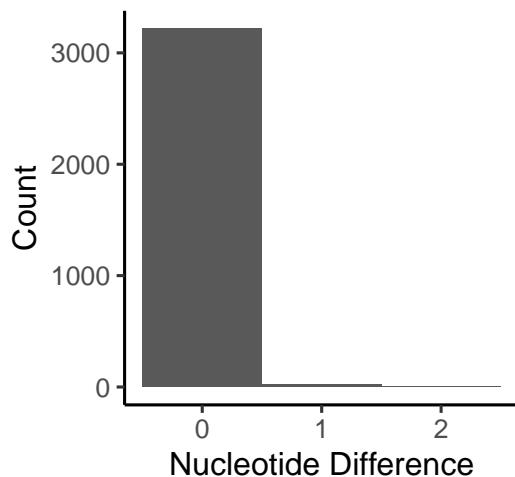
TRBV30*ap01

4939 sequences assigned
4434 (89.8%) exact matches, in which:
4326 unique CDR3
13 unique J



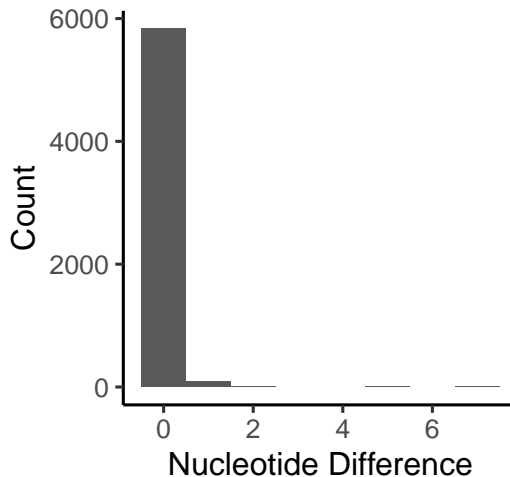
TRBV18*ap01

3246 sequences assigned
3217 (99.1%) exact matches, in which:
3206 unique CDR3
13 unique J



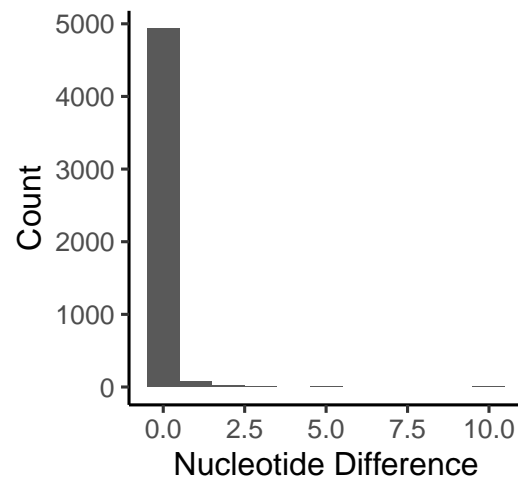
TRBV27*ap01

5927 sequences assigned
5834 (98.4%) exact matches, in which:
5787 unique CDR3
13 unique J



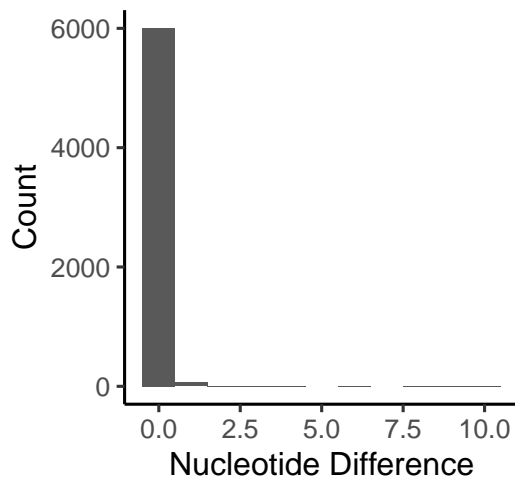
TRBV9*ap01

5024 sequences assigned
4932 (98.2%) exact matches, in which:
4904 unique CDR3
13 unique J



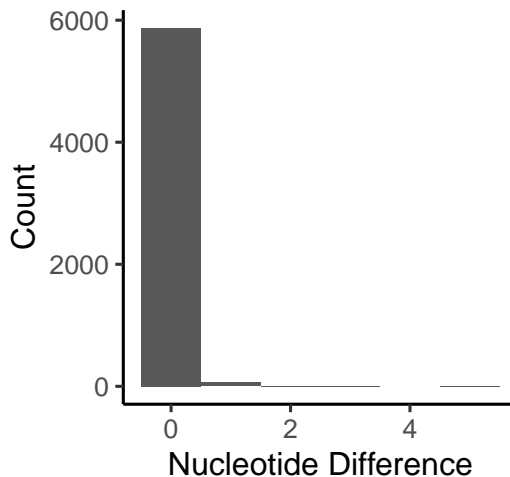
TRBV19*ap01

6083 sequences assigned
6005 (98.7%) exact matches, in which:
5983 unique CDR3
13 unique J



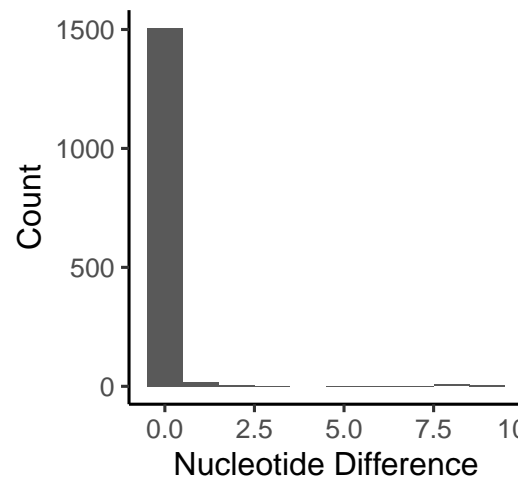
TRBV28*ap01

5941 sequences assigned
5871 (98.8%) exact matches, in which:
5833 unique CDR3
13 unique J



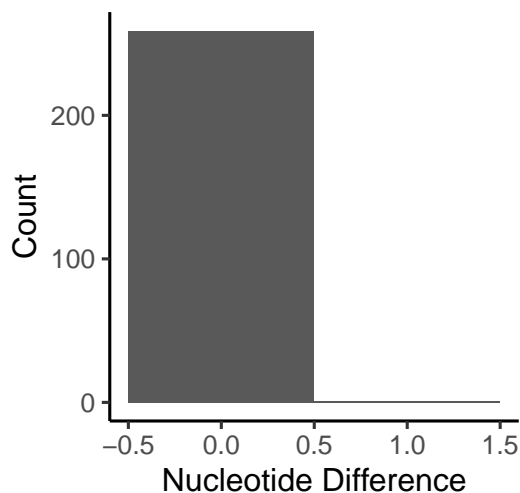
TRBV21-1*ap01

1548 sequences assigned
1506 (97.3%) exact matches, in which:
1497 unique CDR3
13 unique J



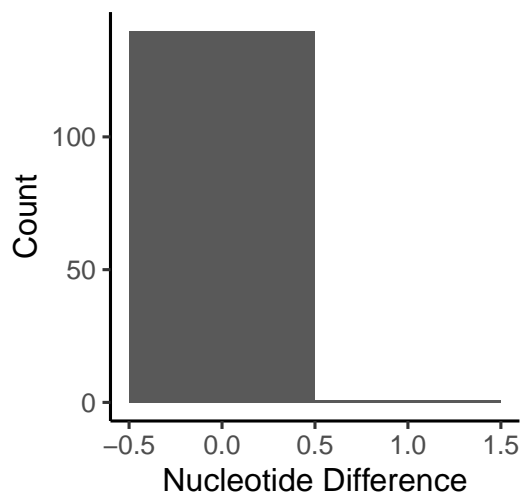
TRBV11-1*ap01

260 sequences assigned
259 (99.6%) exact matches, in which:
259 unique CDR3
13 unique J



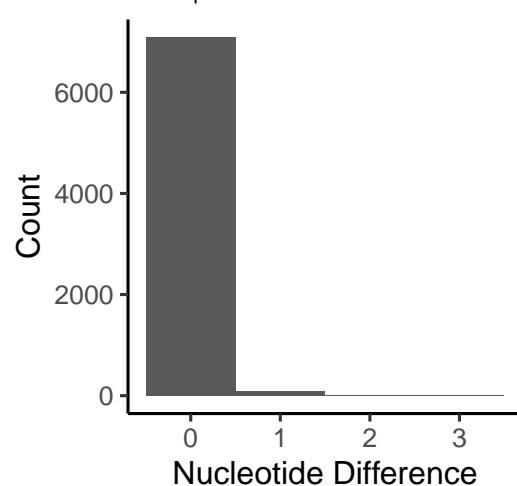
TRBV12-1*ap01

141 sequences assigned
140 (99.3%) exact matches, in which:
140 unique CDR3
13 unique J



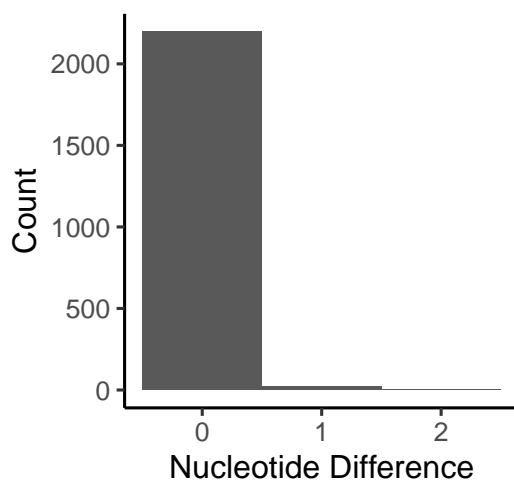
TRBV12-34*ap01

7185 sequences assigned
7086 (98.6%) exact matches, in which:
7023 unique CDR3
13 unique J



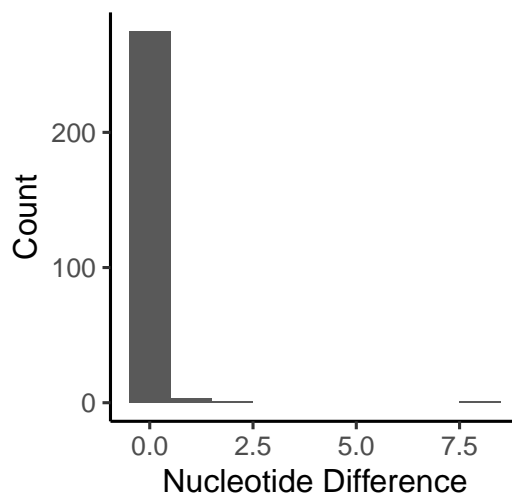
TRBV11-2*ap01

2222 sequences assigned
2197 (98.9%) exact matches, in which:
2188 unique CDR3
13 unique J



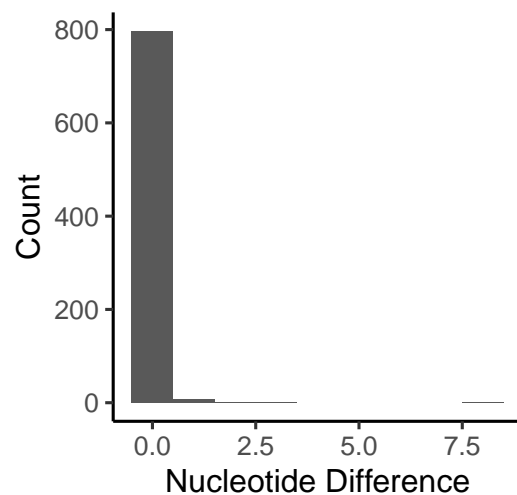
TRBV12-2*ap01

280 sequences assigned
275 (98.2%) exact matches, in which:
273 unique CDR3
13 unique J



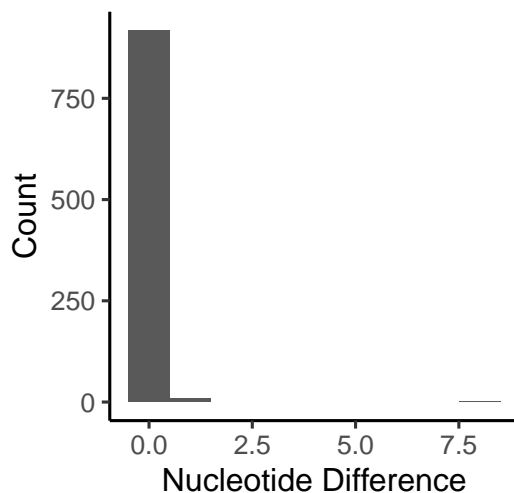
TRBV23-1*ap01

808 sequences assigned
797 (98.6%) exact matches, in which:
792 unique CDR3
13 unique J



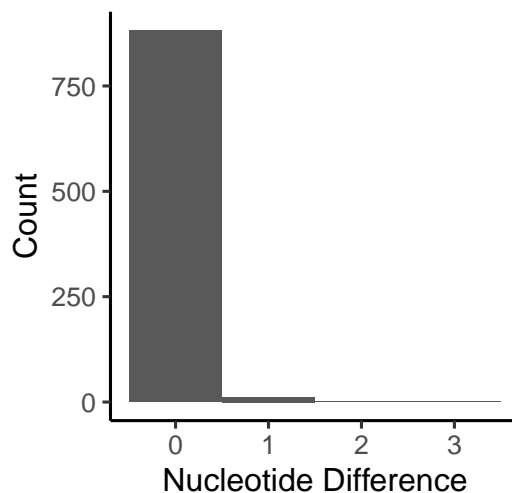
TRBV11-3*ap01

927 sequences assigned
918 (99%) exact matches, in which:
918 unique CDR3
13 unique J



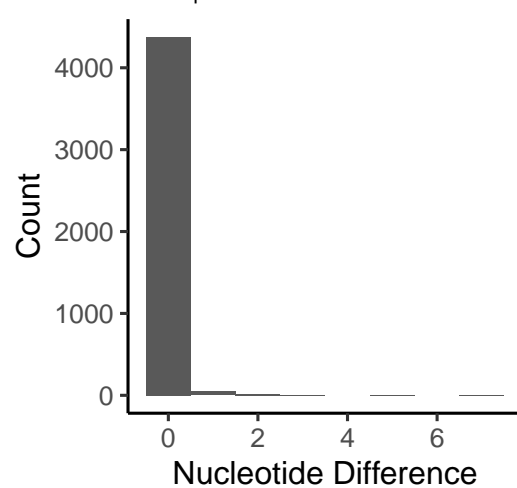
TRBV12-5*ap01

897 sequences assigned
882 (98.3%) exact matches, in which:
875 unique CDR3
13 unique J



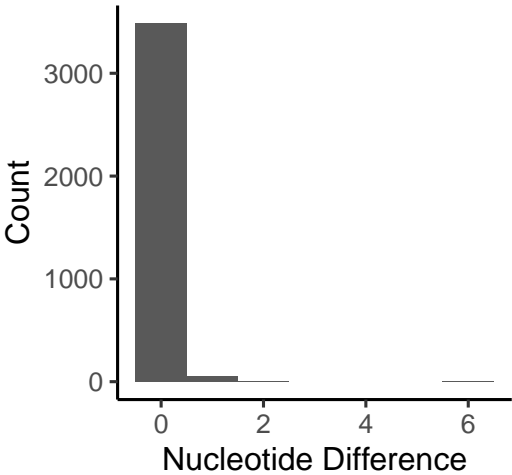
TRBV3-12*ap01

4443 sequences assigned
4375 (98.5%) exact matches, in which:
4357 unique CDR3
13 unique J



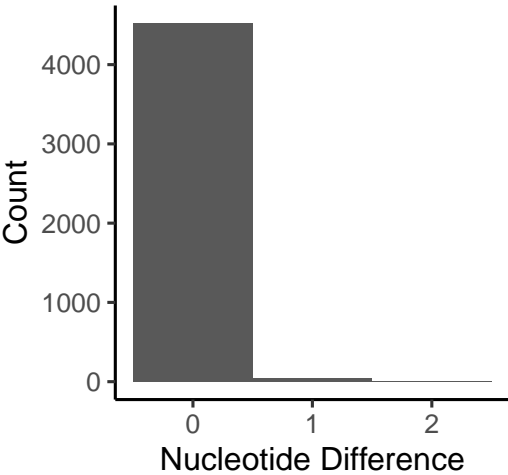
TRBV4-1*ap01

3545 sequences assigned
3485 (98.3%) exact matches, in which:
3454 unique CDR3
13 unique J



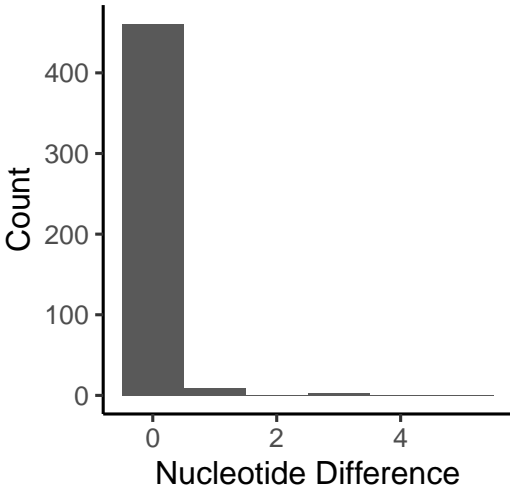
TRBV4-3*ap01

4571 sequences assigned
4520 (98.9%) exact matches, in which:
4480 unique CDR3
13 unique J



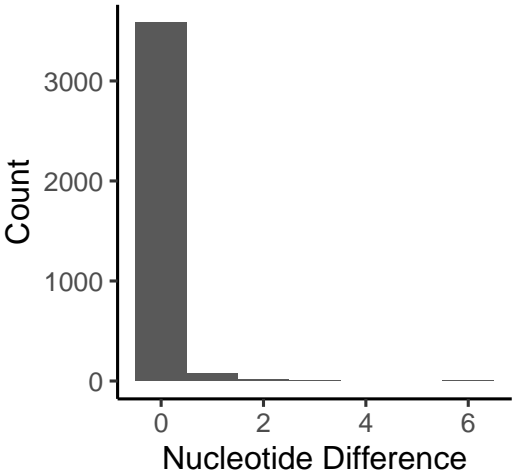
TRBV5-3*ap01

476 sequences assigned
461 (96.8%) exact matches, in which:
456 unique CDR3
13 unique J



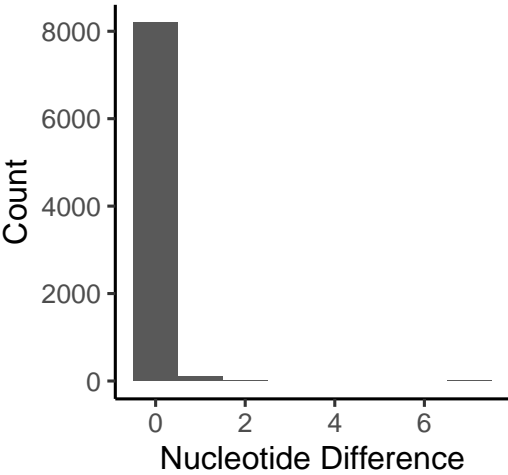
TRBV24-1*ap01

3670 sequences assigned
3582 (97.6%) exact matches, in which:
3538 unique CDR3
13 unique J



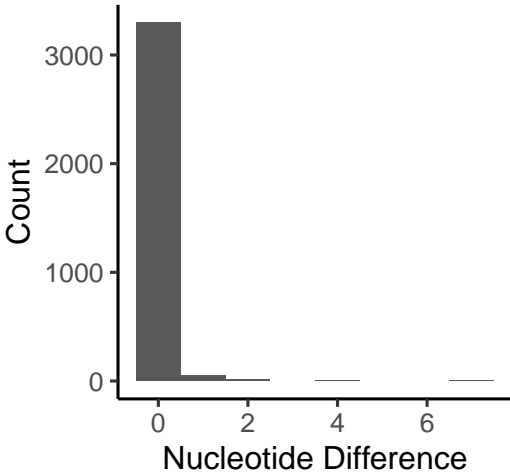
TRBV5-1*ap01

8296 sequences assigned
8195 (98.8%) exact matches, in which:
8115 unique CDR3
13 unique J



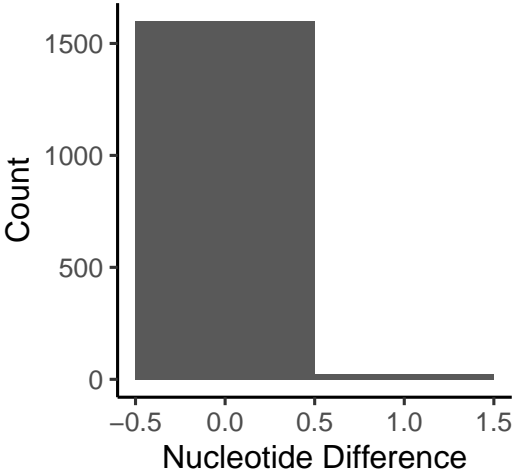
TRBV5-4*ap01

3367 sequences assigned
3297 (97.9%) exact matches, in which:
3265 unique CDR3
13 unique J



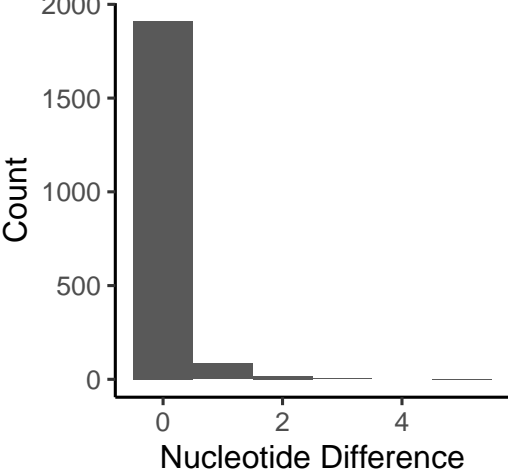
TRBV4-2*ap01

1624 sequences assigned
1600 (98.5%) exact matches, in which:
1587 unique CDR3
13 unique J



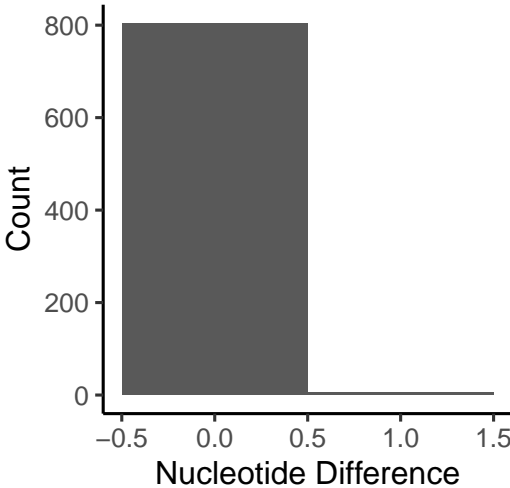
TRBV25-1*ap01

2018 sequences assigned
1911 (94.7%) exact matches, in which:
1875 unique CDR3
13 unique J



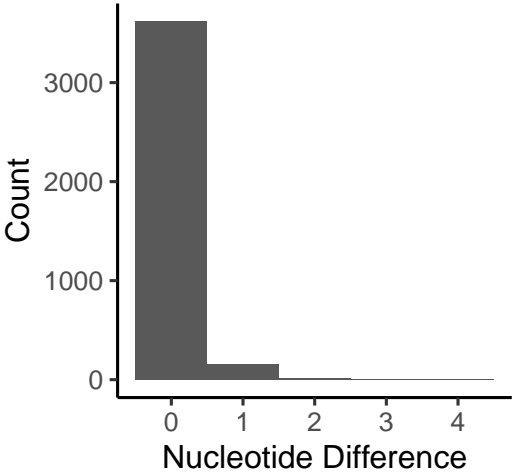
TRBV5-5*ap01

809 sequences assigned
804 (99.4%) exact matches, in which:
802 unique CDR3
13 unique J



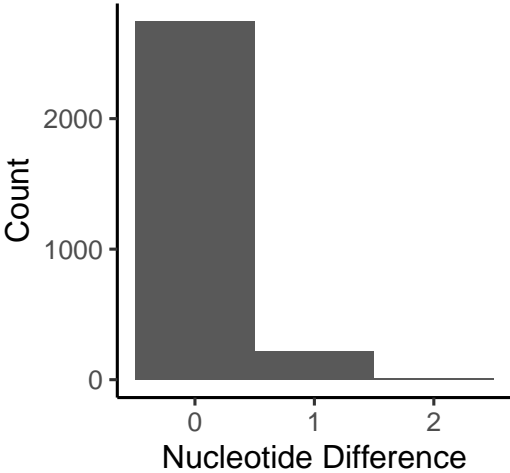
TRBV5-6*ap01

3794 sequences assigned
3618 (95.4%) exact matches, in which:
3553 unique CDR3
13 unique J



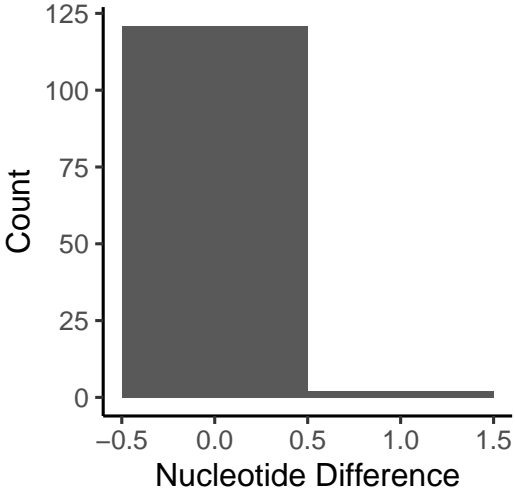
TRBV6-1*ap01

2977 sequences assigned
2745 (92.2%) exact matches, in which:
2712 unique CDR3
13 unique J



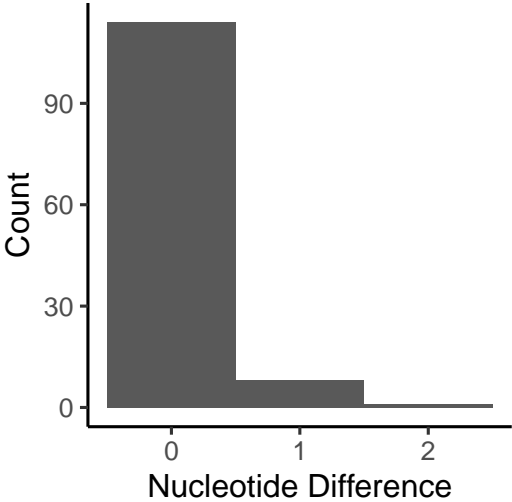
TRBV6-8*ap01

123 sequences assigned
121 (98.4%) exact matches, in which:
119 unique CDR3
13 unique J



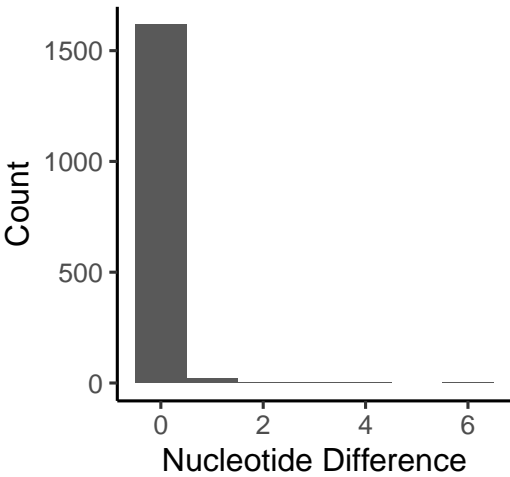
TRBV5-7*ap01

123 sequences assigned
114 (92.7%) exact matches, in which:
111 unique CDR3
13 unique J



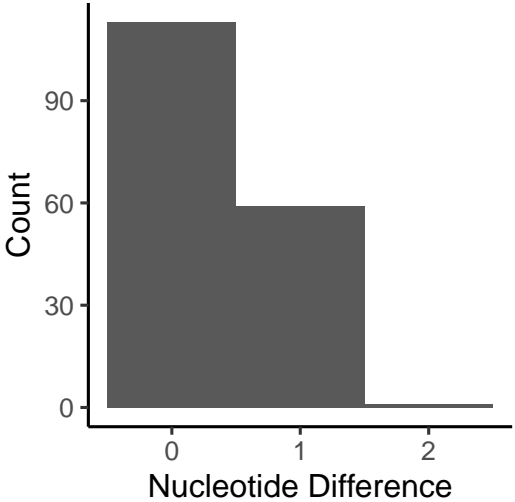
TRBV6-4*ap01

1645 sequences assigned
1617 (98.3%) exact matches, in which:
1609 unique CDR3
13 unique J



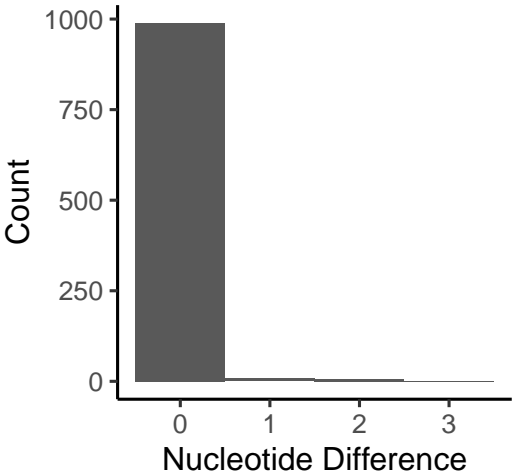
TRBV6-9*ap01

173 sequences assigned
113 (65.3%) exact matches, in which:
112 unique CDR3
12 unique J



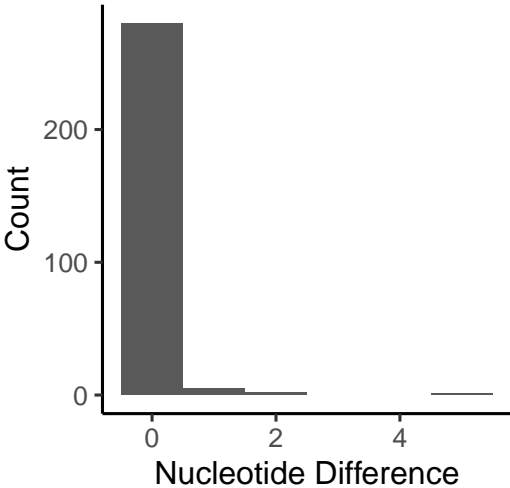
TRBV5-8*ap01

1004 sequences assigned
989 (98.5%) exact matches, in which:
984 unique CDR3
13 unique J



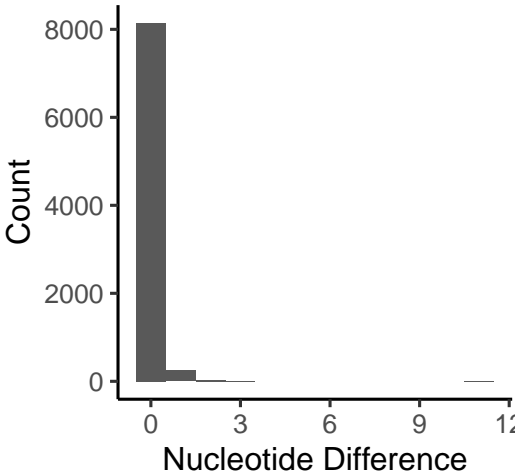
TRBV6-7*ap01

288 sequences assigned
280 (97.2%) exact matches, in which:
275 unique CDR3
13 unique J



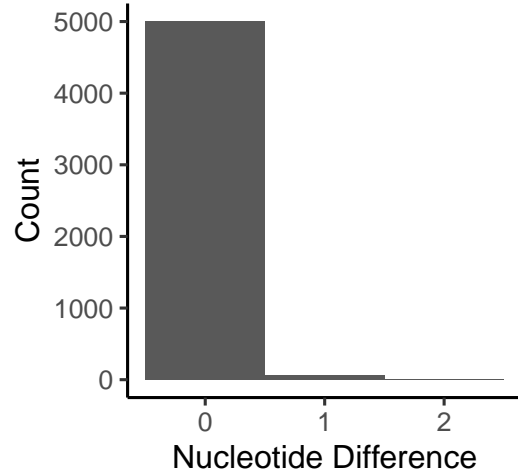
TRBV6-23*ap01

8422 sequences assigned
8143 (96.7%) exact matches, in which:
8004 unique CDR3
13 unique J



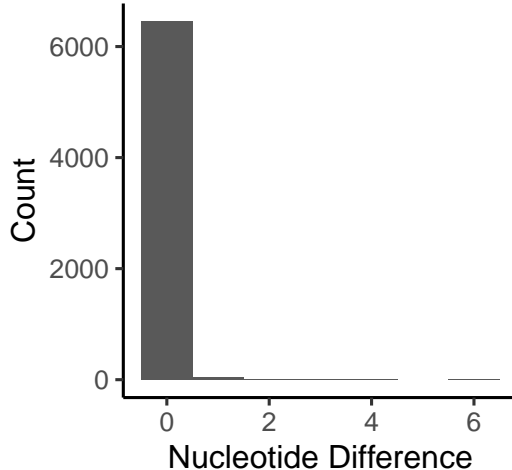
TRBV6-56*ap01

5068 sequences assigned
5002 (98.7%) exact matches, in which:
4956 unique CDR3
13 unique J



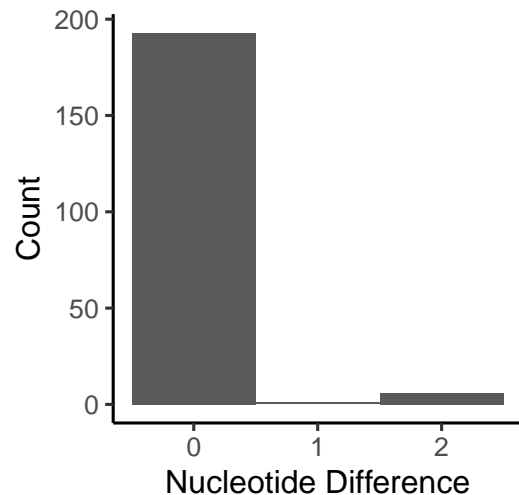
TRBV7-2*ap01

6510 sequences assigned
6453 (99.1%) exact matches, in which:
6402 unique CDR3
13 unique J



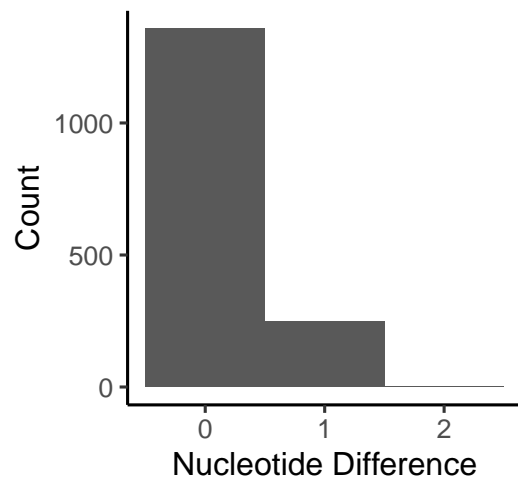
TRBV7-4*ap01

200 sequences assigned
193 (96.5%) exact matches, in which:
191 unique CDR3
13 unique J



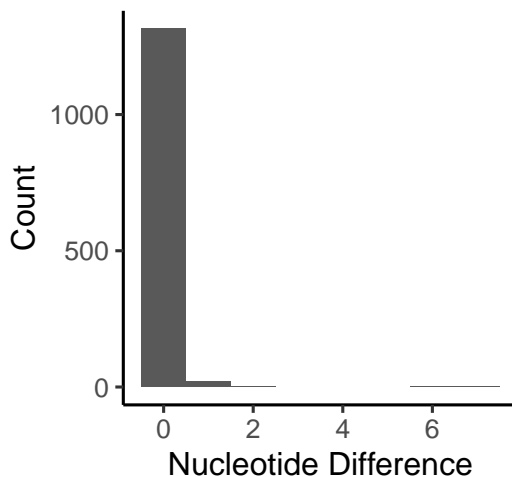
TRBV6-56*ap02

1610 sequences assigned
1357 (84.3%) exact matches, in which:
1344 unique CDR3
13 unique J



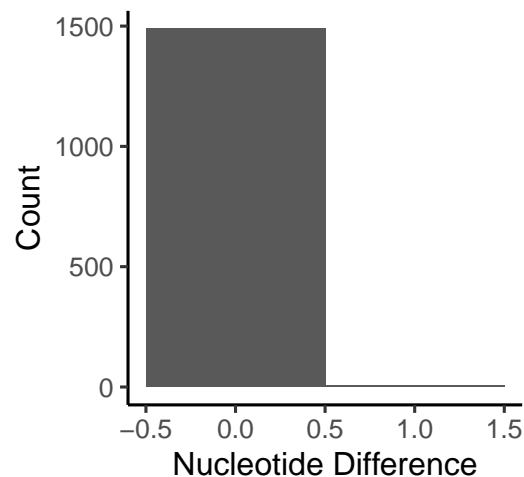
TRBV7-3*ap01

1339 sequences assigned
1315 (98.2%) exact matches, in which:
1311 unique CDR3
13 unique J



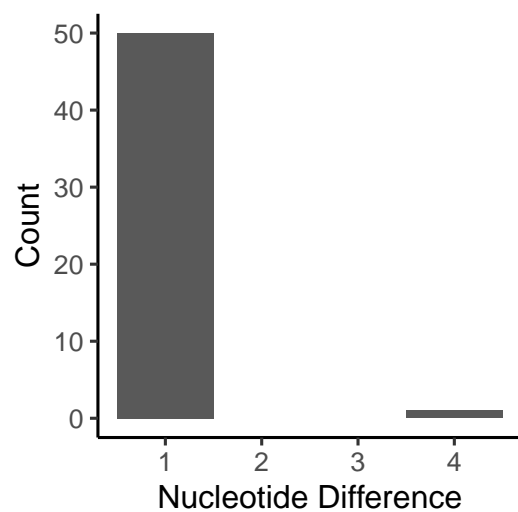
TRBV7-6*ap01

1495 sequences assigned
1489 (99.6%) exact matches, in which:
1480 unique CDR3
13 unique J



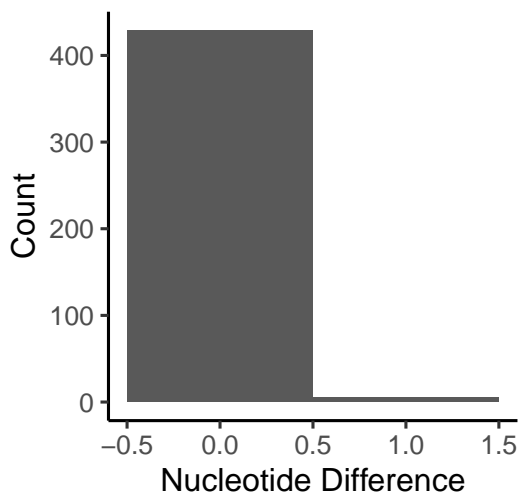
TRBV7-1*ap01_T296C

51 sequences assigned
No exact matches.



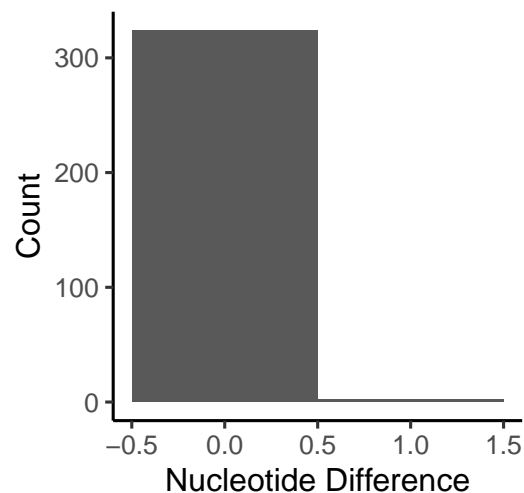
TRBV7-3*ap02

434 sequences assigned
429 (98.8%) exact matches, in which:
426 unique CDR3
13 unique J



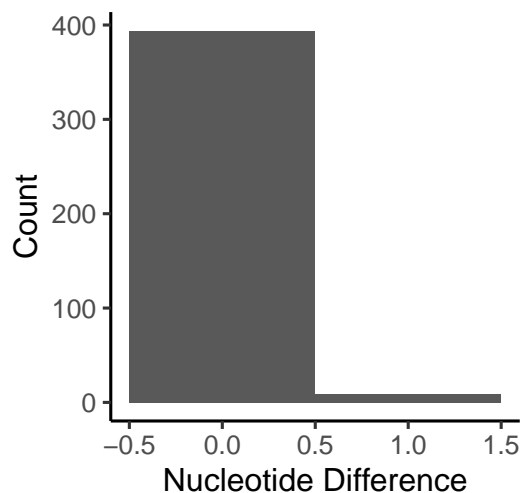
TRBV7-7*ap01

326 sequences assigned
324 (99.4%) exact matches, in which:
321 unique CDR3
13 unique J



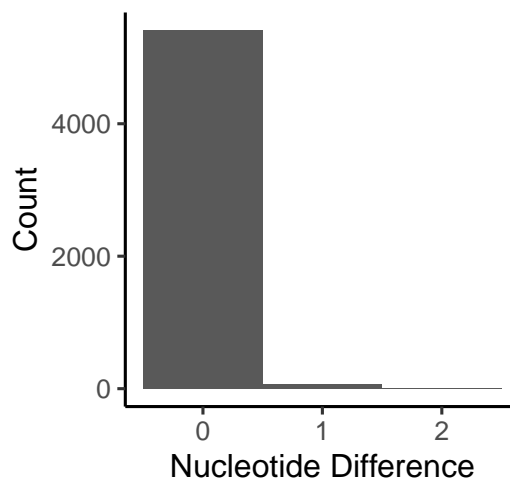
TRBV7-7*ap01_C315T

403 sequences assigned
394 (97.8%) exact matches, in which:
388 unique CDR3
13 unique J



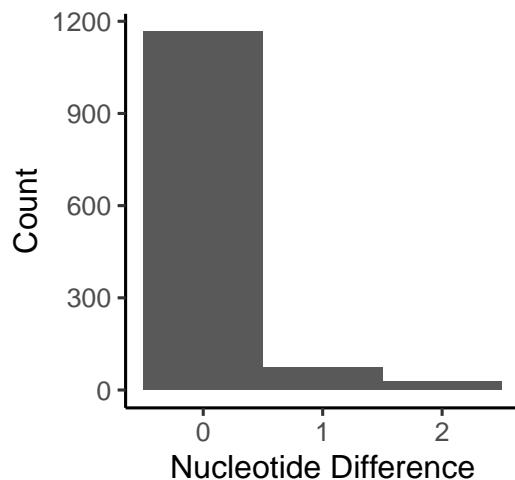
TRBV7-9*ap01

5490 sequences assigned
5409 (98.5%) exact matches, in which:
5376 unique CDR3
13 unique J



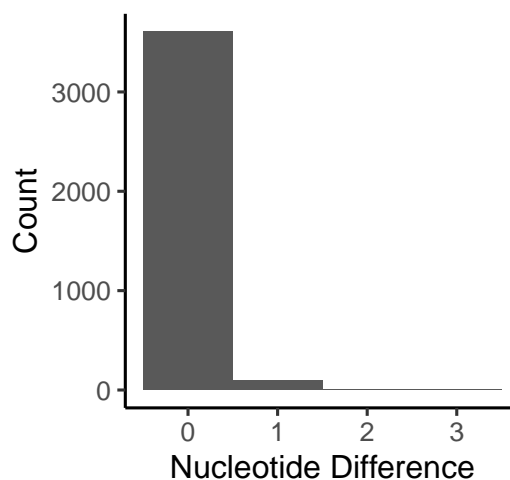
TRBV7-8*ap01

1267 sequences assigned
1166 (92%) exact matches, in which:
1152 unique CDR3
13 unique J



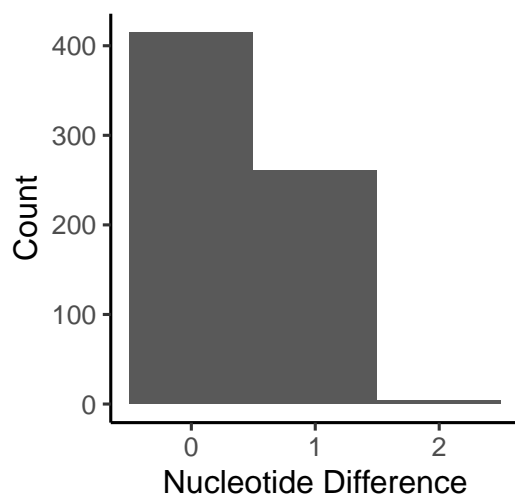
TRBV29-1*ap01

3716 sequences assigned
3606 (97%) exact matches, in which:
3531 unique CDR3
13 unique J



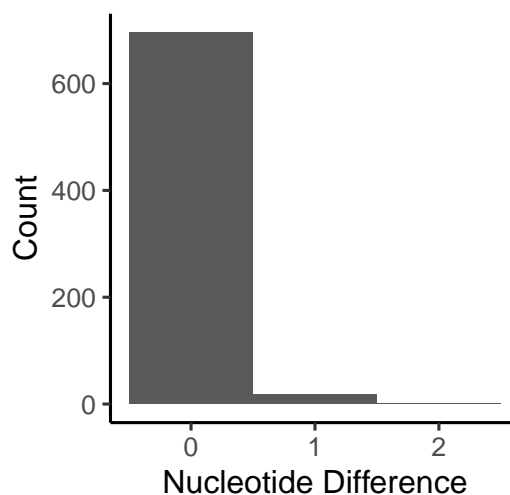
TRBV7-8*ap03

680 sequences assigned
415 (61%) exact matches, in which:
411 unique CDR3
13 unique J



TRBV29-1*ap02

715 sequences assigned
696 (97.3%) exact matches, in which:
681 unique CDR3
13 unique J



TRBV7-7*ap01_C315T

