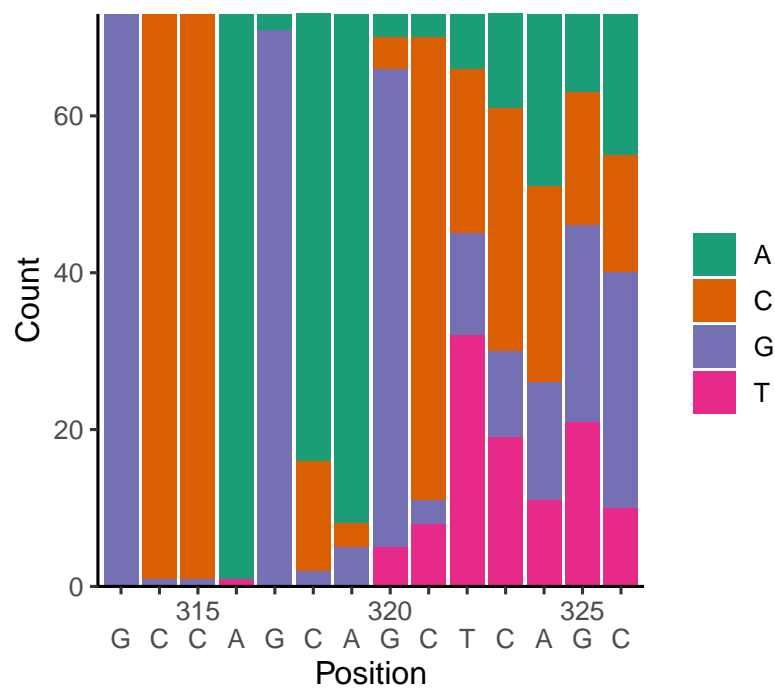


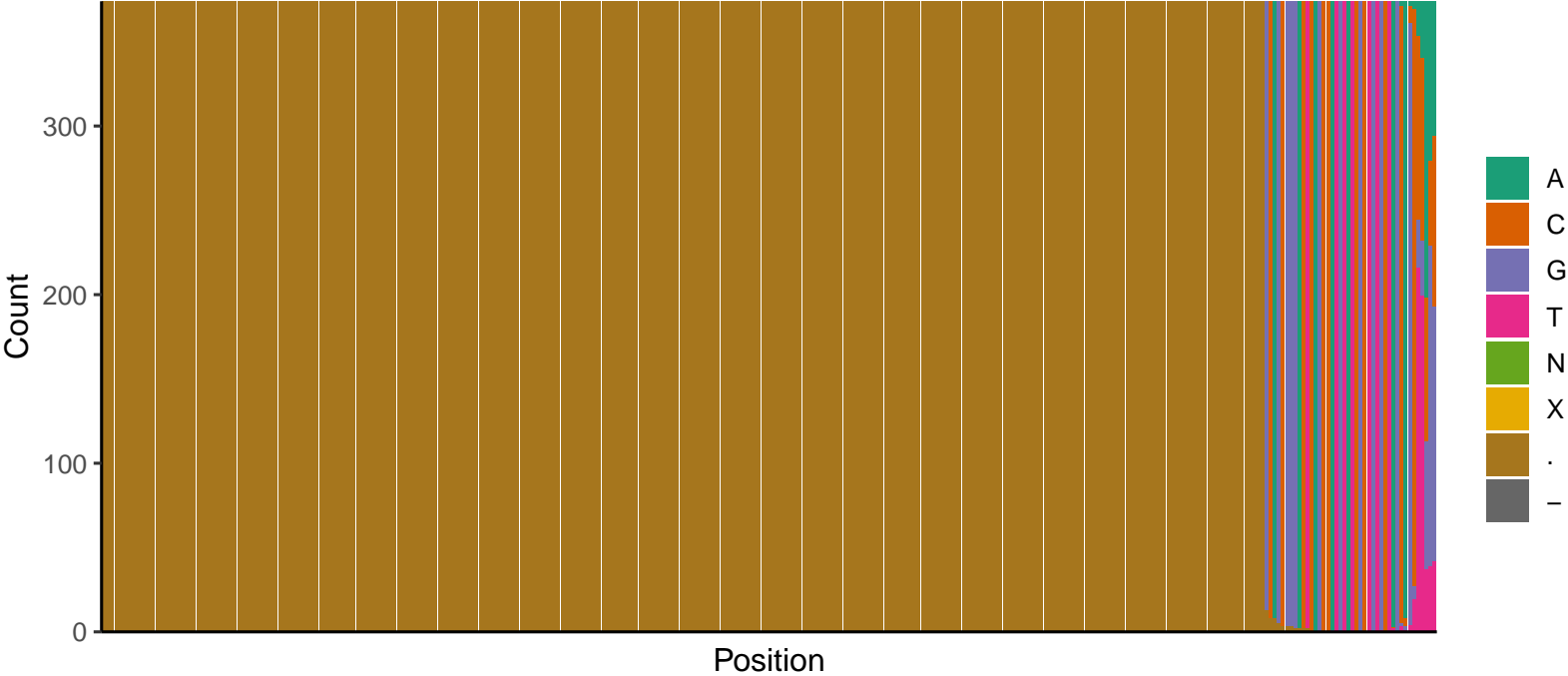
Gene TRBV7-1*ap01_T296C



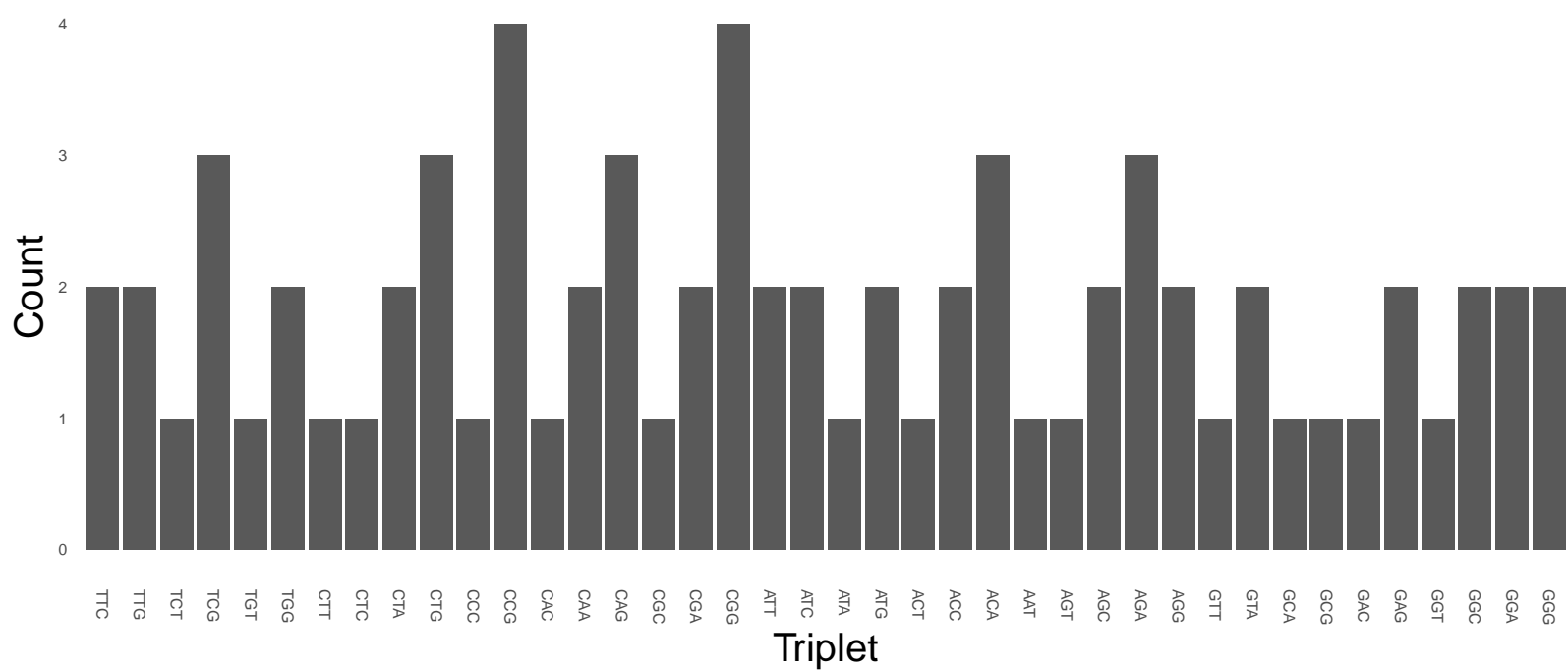
Gene TRBV7-1*ap01_T296C



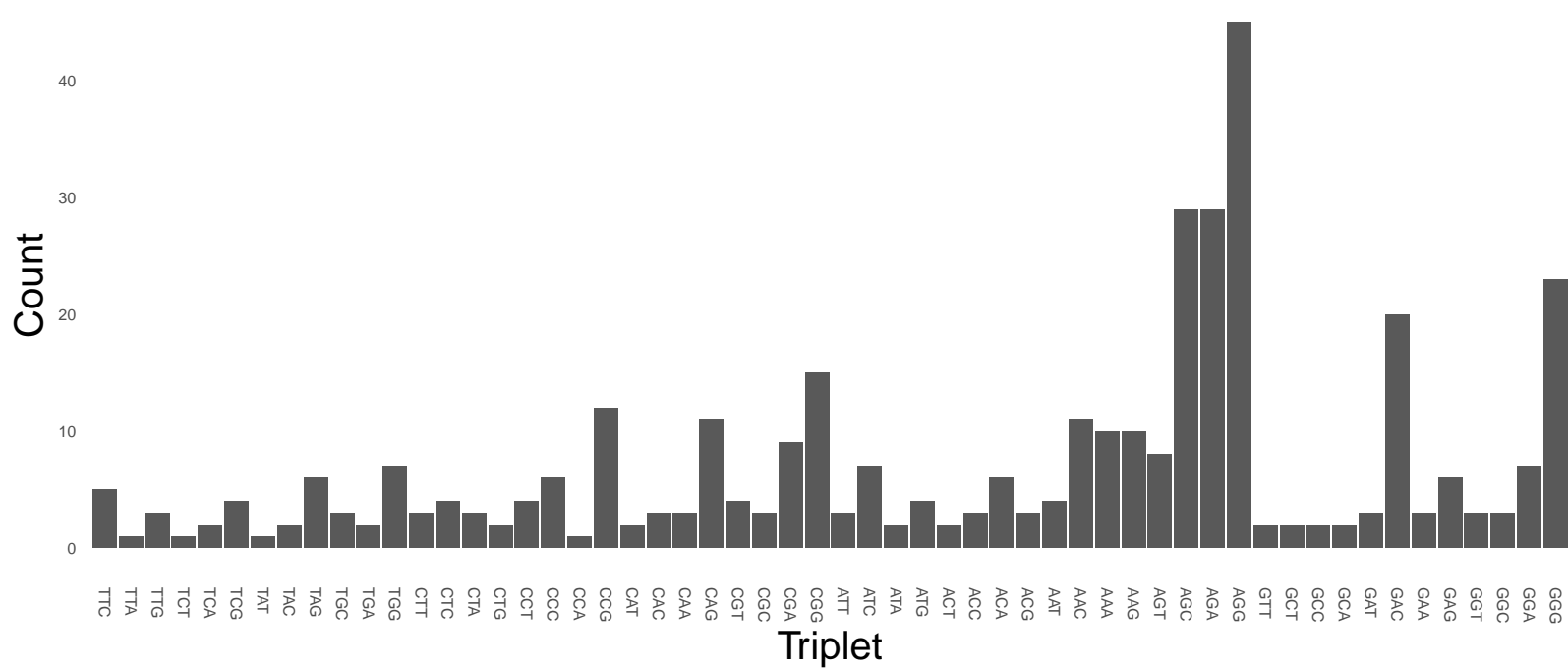
Gene TRBV7-7*ap01_C315T



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

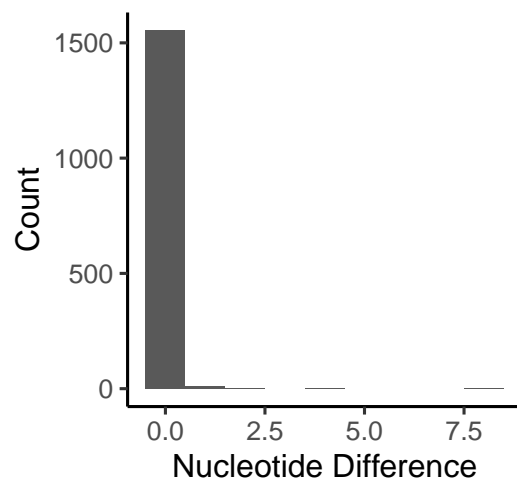


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



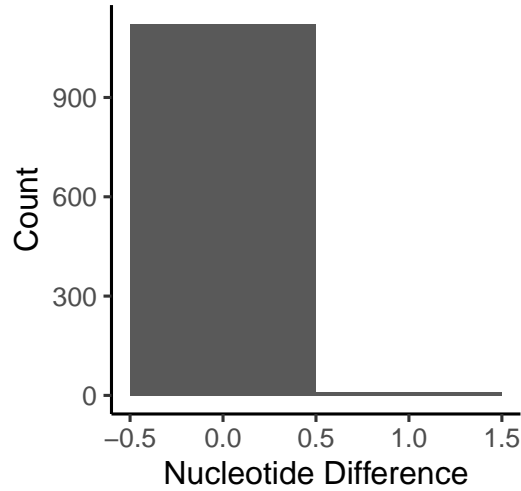
TRBV10-1*ap01

1570 sequences assigned
1554 (99%) exact matches, in which:
1541 unique CDR3
13 unique J



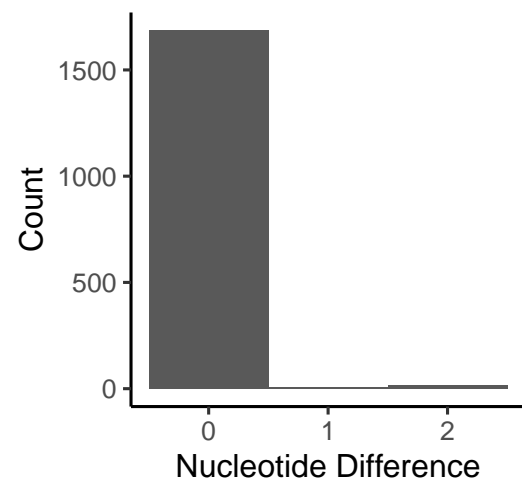
TRBV10-2*ap01

1133 sequences assigned
1123 (99.1%) exact matches, in which:
1116 unique CDR3
13 unique J



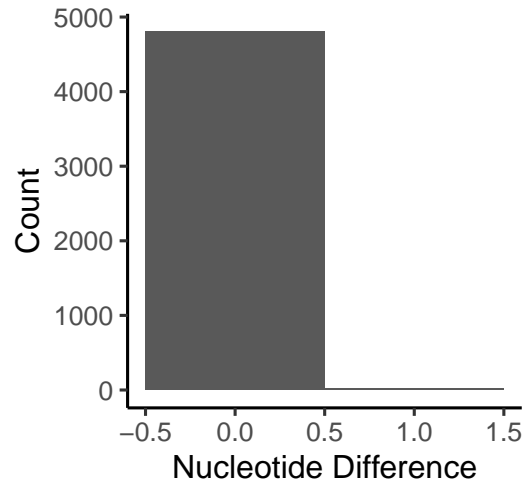
TRBV13*ap01

1709 sequences assigned
1686 (98.7%) exact matches, in which:
1664 unique CDR3
13 unique J



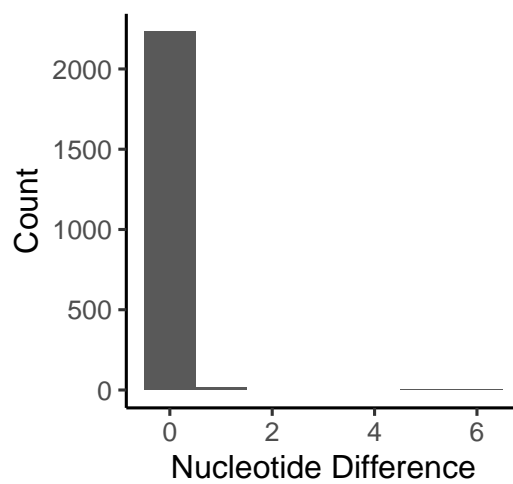
TRBV20-1*ap01

4829 sequences assigned
4803 (99.5%) exact matches, in which:
4771 unique CDR3
13 unique J



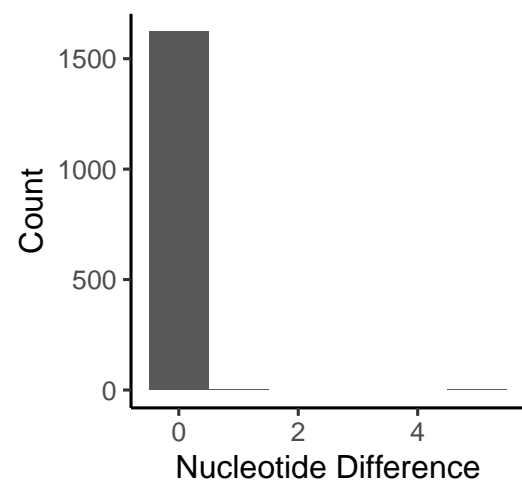
TRBV10-3*ap01

2252 sequences assigned
2232 (99.1%) exact matches, in which:
2211 unique CDR3
13 unique J



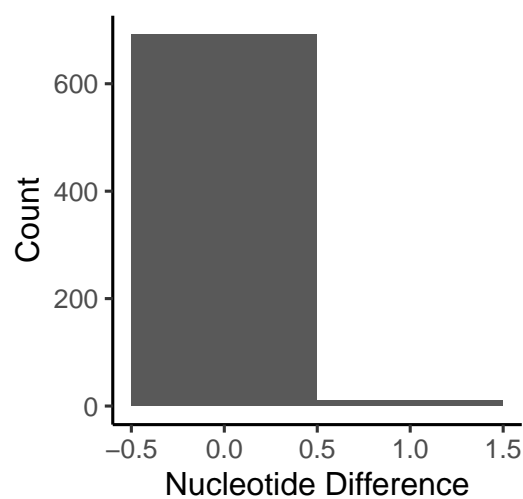
TRBV14*ap01

1626 sequences assigned
1622 (99.8%) exact matches, in which:
1614 unique CDR3
13 unique J



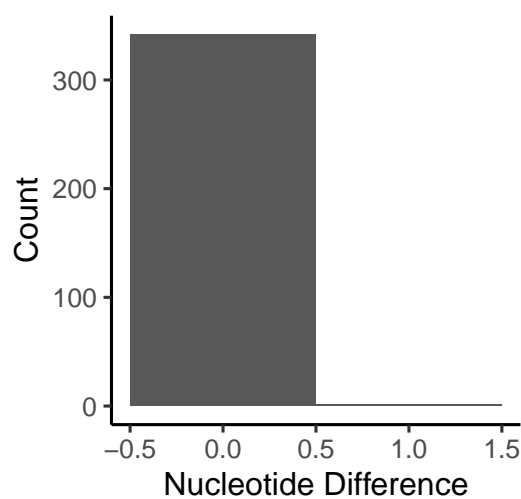
TRBV20-1*ap02

703 sequences assigned
692 (98.4%) exact matches, in which:
688 unique CDR3
13 unique J



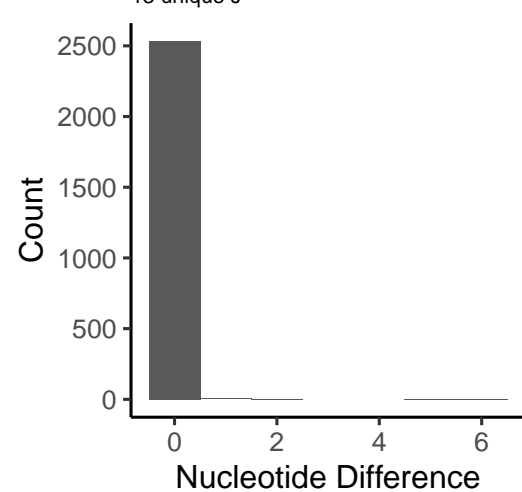
TRBV1*ap01

343 sequences assigned
342 (99.7%) exact matches, in which:
340 unique CDR3
13 unique J



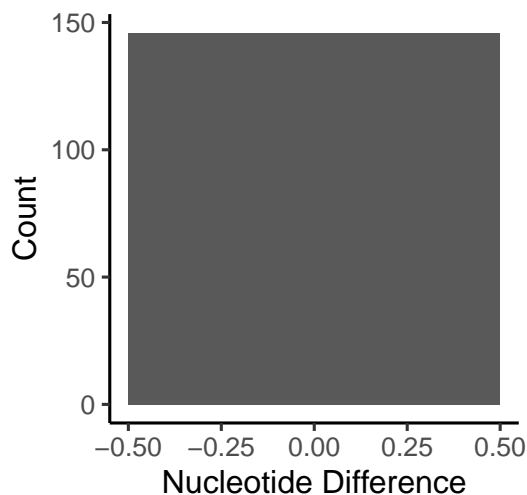
TRBV15*ap02

2544 sequences assigned
2534 (99.6%) exact matches, in which:
2505 unique CDR3
13 unique J



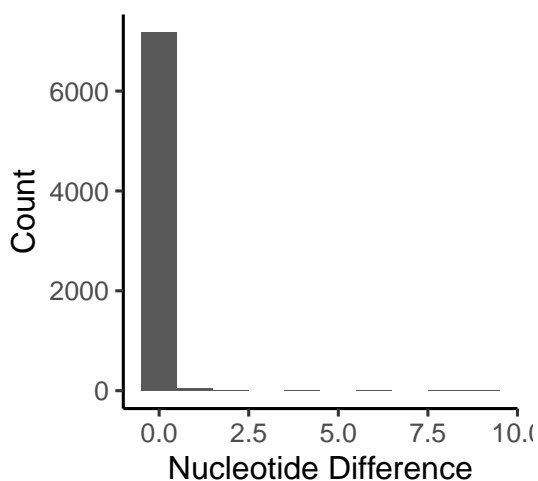
TRBV16*ap01

146 sequences assigned
146 (100%) exact matches, in which:
145 unique CDR3
12 unique J



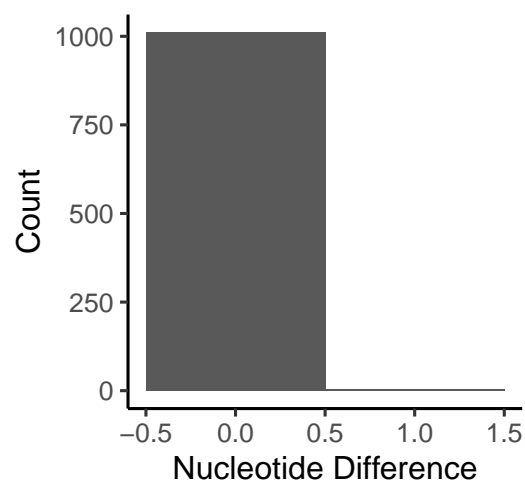
TRBV19*ap01

7230 sequences assigned
7175 (99.2%) exact matches, in which:
7149 unique CDR3
13 unique J



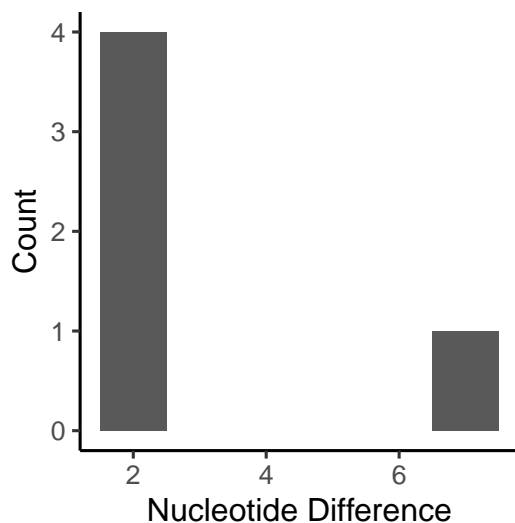
TRBV28*ap01

1016 sequences assigned
1011 (99.5%) exact matches, in which:
1010 unique CDR3
13 unique J



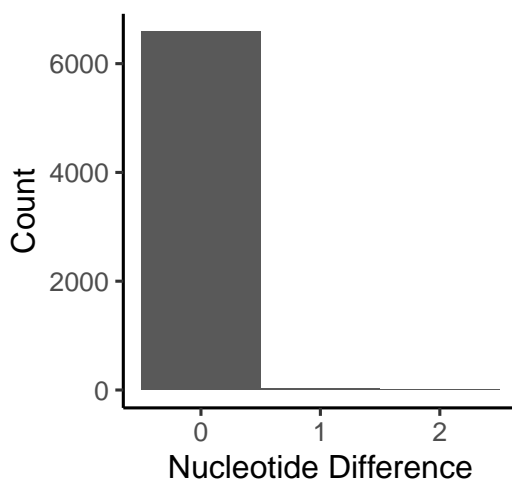
TRBV17*ap01

5 sequences assigned
No exact matches.



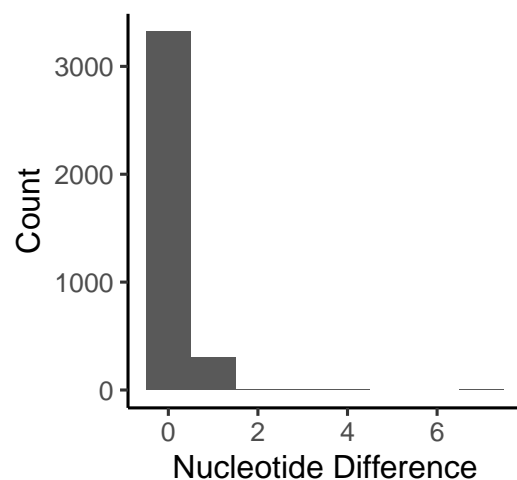
TRBV2*ap01

6626 sequences assigned
6587 (99.4%) exact matches, in which:
6534 unique CDR3
13 unique J



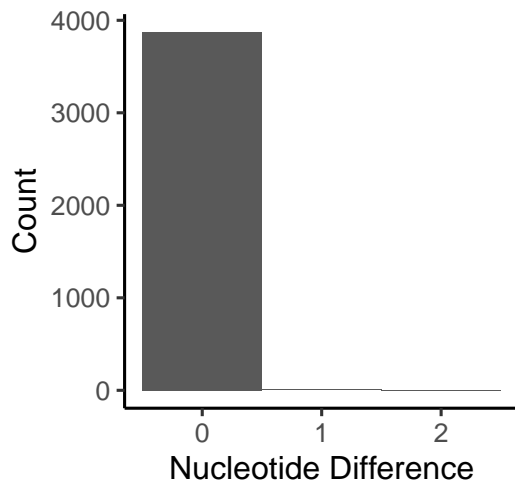
TRBV30*ap01

3629 sequences assigned
3321 (91.5%) exact matches, in which:
3275 unique CDR3
13 unique J



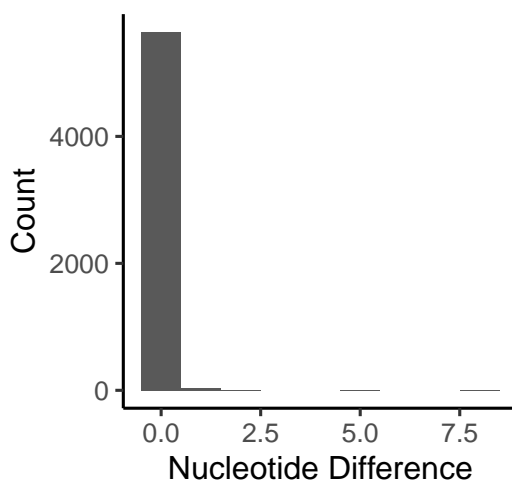
TRBV18*ap01

3882 sequences assigned
3873 (99.8%) exact matches, in which:
3859 unique CDR3
13 unique J



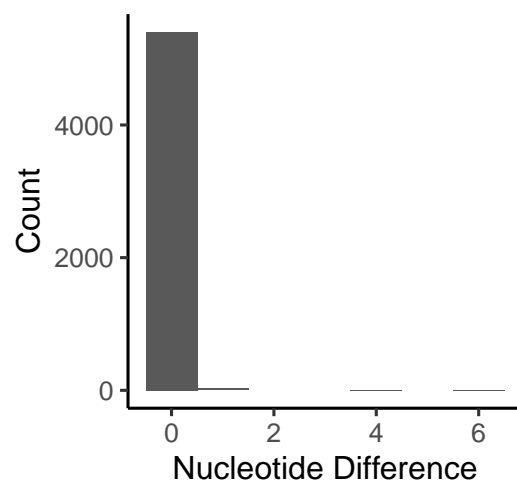
TRBV27*ap01

5684 sequences assigned
5644 (99.3%) exact matches, in which:
5604 unique CDR3
13 unique J



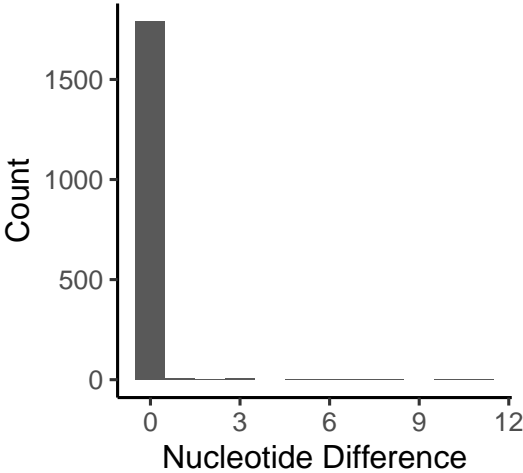
TRBV9*ap01

5433 sequences assigned
5401 (99.4%) exact matches, in which:
5373 unique CDR3
13 unique J



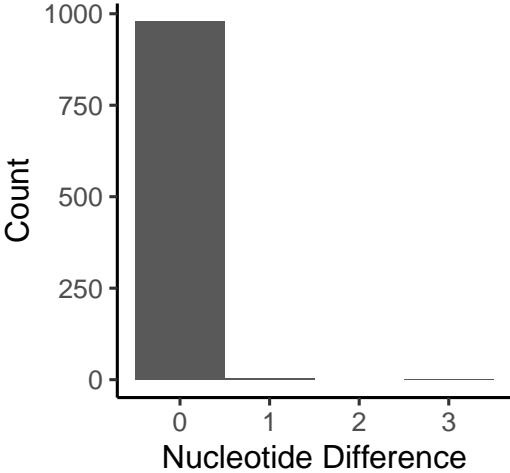
TRBV21-1*ap01

1816 sequences assigned
1790 (98.6%) exact matches, in which:
1784 unique CDR3
13 unique J



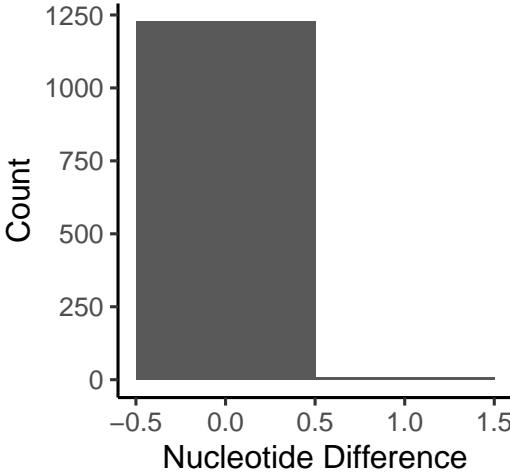
TRBV11-3*ap01

984 sequences assigned
979 (99.5%) exact matches, in which:
978 unique CDR3
13 unique J



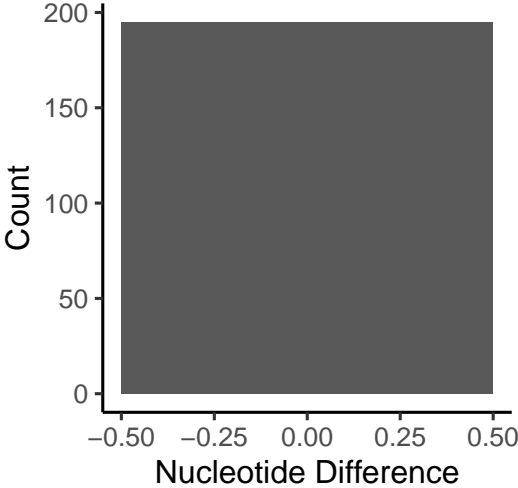
TRBV12-5*ap01

1238 sequences assigned
1228 (99.2%) exact matches, in which:
1225 unique CDR3
13 unique J



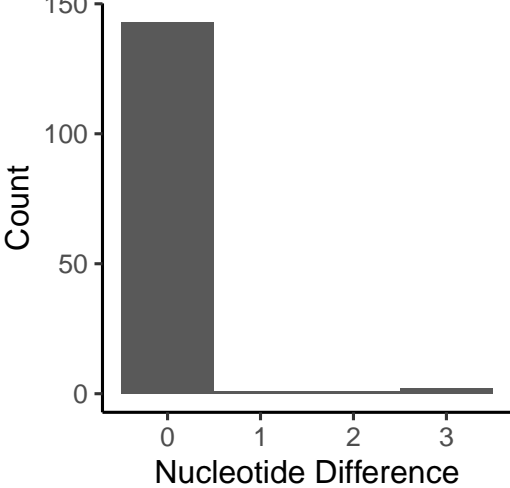
TRBV11-1*ap01

195 sequences assigned
195 (100%) exact matches, in which:
195 unique CDR3
13 unique J



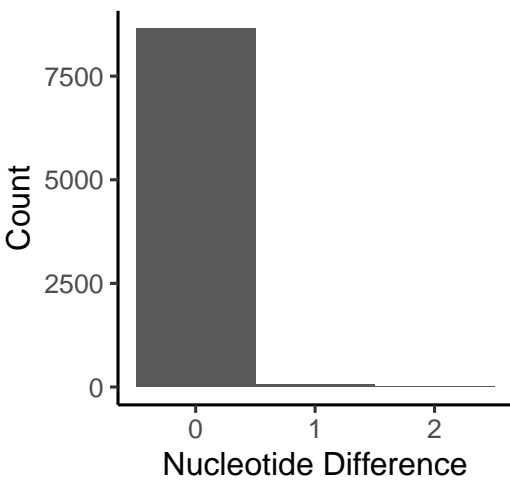
TRBV12-1*ap01

147 sequences assigned
143 (97.3%) exact matches, in which:
142 unique CDR3
12 unique J



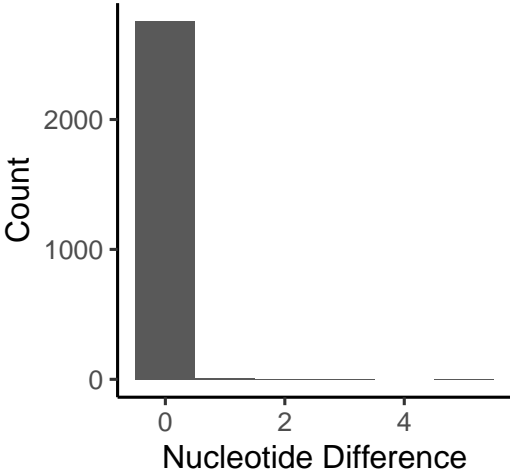
TRBV12-34*ap01

8701 sequences assigned
8644 (99.3%) exact matches, in which:
8584 unique CDR3
14 unique J



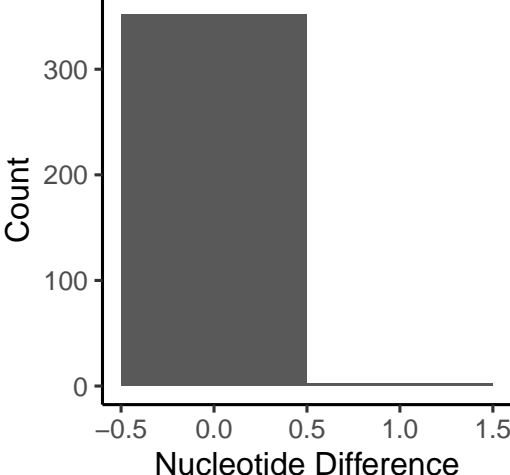
TRBV11-2*ap01

2771 sequences assigned
2758 (99.5%) exact matches, in which:
2750 unique CDR3
13 unique J



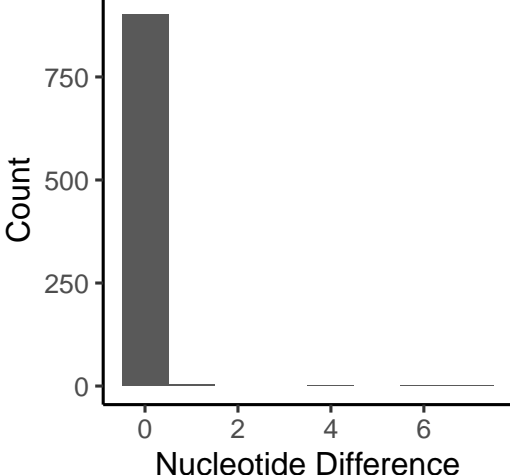
TRBV12-2*ap01

354 sequences assigned
352 (99.4%) exact matches, in which:
351 unique CDR3
13 unique J



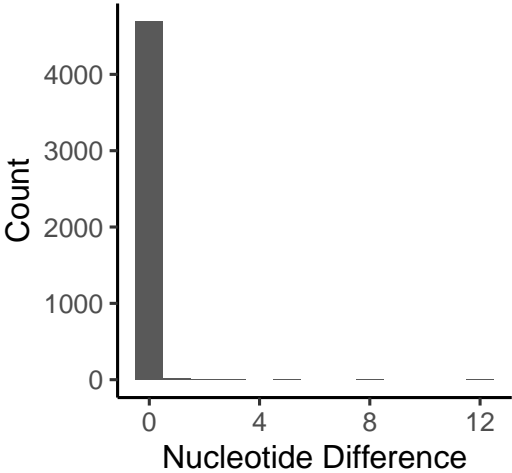
TRBV23-1*ap01

909 sequences assigned
902 (99.2%) exact matches, in which:
897 unique CDR3
13 unique J



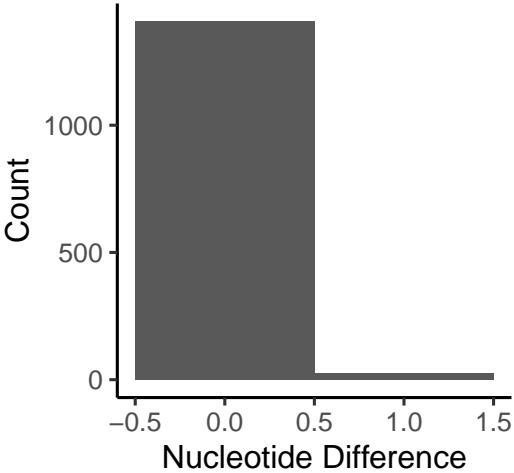
TRBV3-12*ap01

4725 sequences assigned
4694 (99.3%) exact matches, in which:
4682 unique CDR3
13 unique J



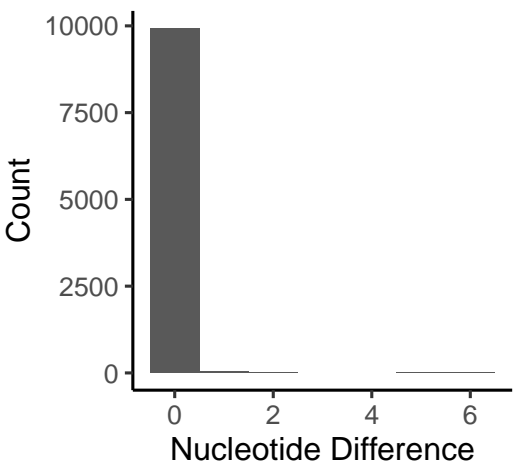
TRBV4-2*ap01

1435 sequences assigned
1408 (98.1%) exact matches, in which:
1390 unique CDR3
13 unique J



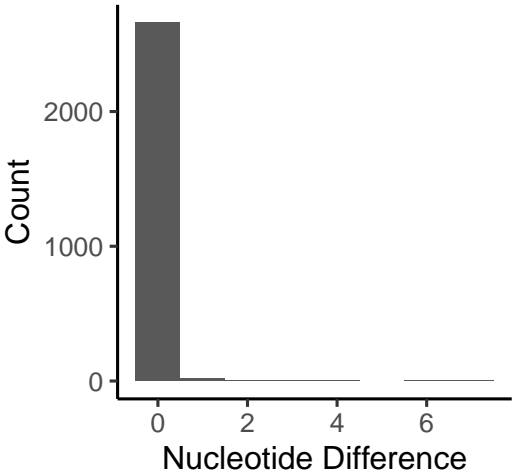
TRBV5-1*ap01

9987 sequences assigned
9934 (99.5%) exact matches, in which:
9816 unique CDR3
13 unique J



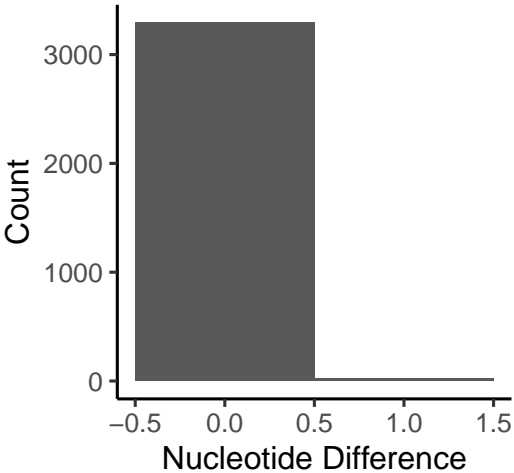
TRBV24-1*ap01

2688 sequences assigned
2659 (98.9%) exact matches, in which:
2634 unique CDR3
13 unique J



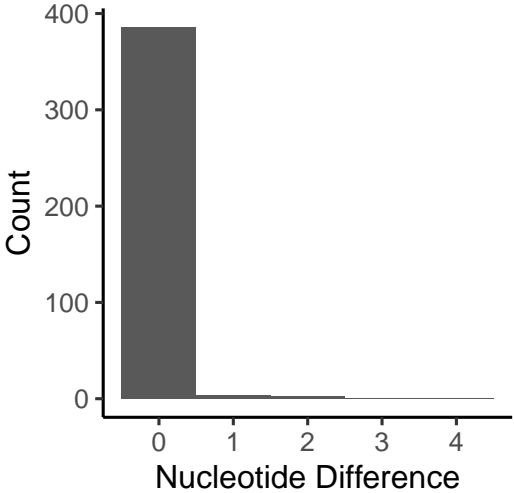
TRBV4-3*ap01

3316 sequences assigned
3293 (99.3%) exact matches, in which:
3260 unique CDR3
13 unique J



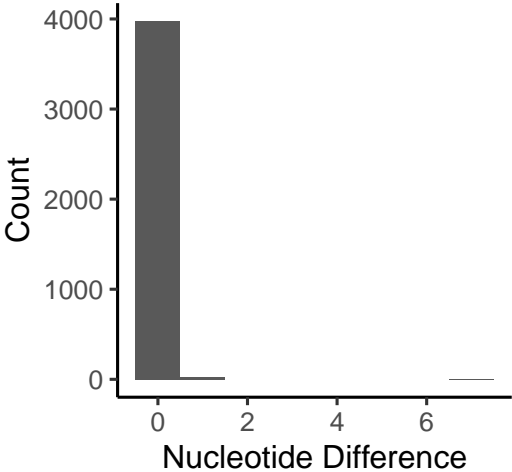
TRBV5-3*ap01

395 sequences assigned
386 (97.7%) exact matches, in which:
380 unique CDR3
14 unique J



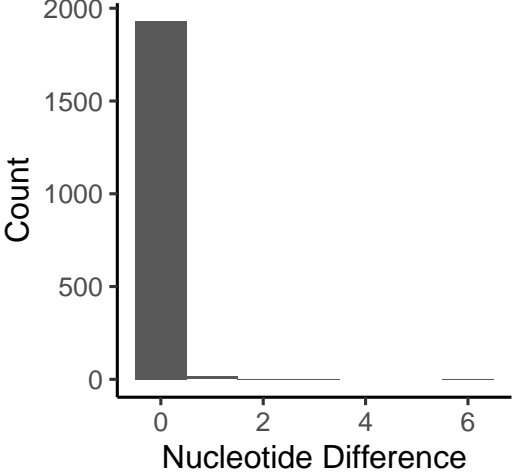
TRBV4-1*ap01

4004 sequences assigned
3977 (99.3%) exact matches, in which:
3940 unique CDR3
13 unique J



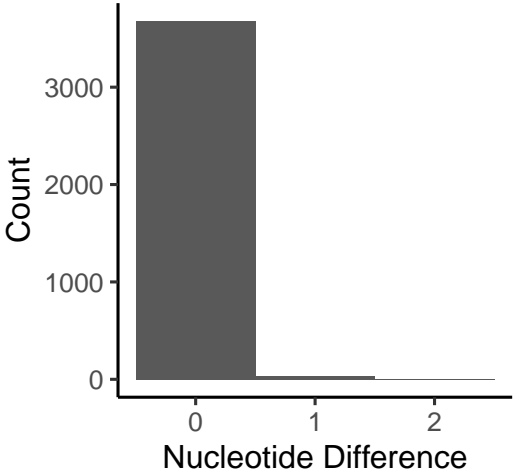
TRBV25-1*ap01

1950 sequences assigned
1931 (99%) exact matches, in which:
1903 unique CDR3
13 unique J



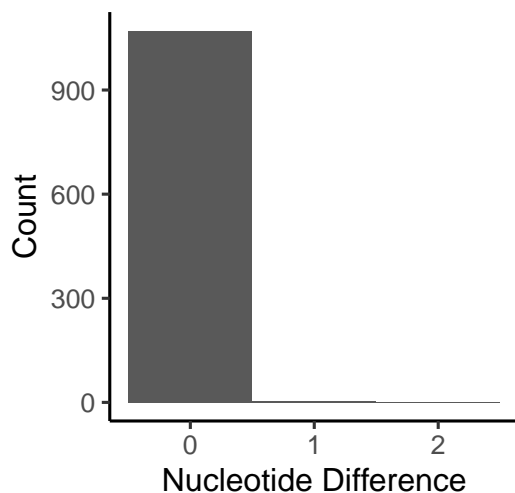
TRBV5-4*ap01

3716 sequences assigned
3679 (99%) exact matches, in which:
3651 unique CDR3
13 unique J



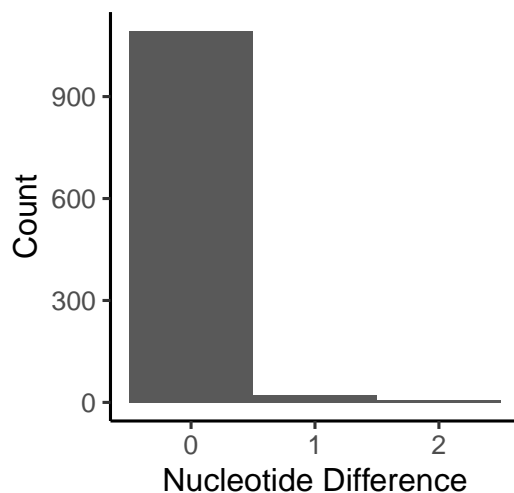
TRBV5-5*ap01

1076 sequences assigned
1071 (99.5%) exact matches, in which:
1064 unique CDR3
13 unique J



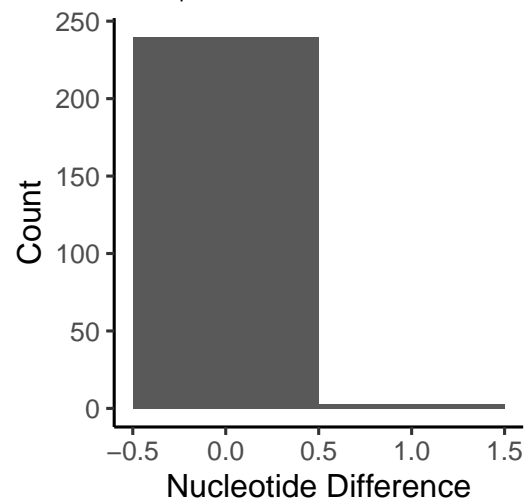
TRBV5-8*ap01

1122 sequences assigned
1094 (97.5%) exact matches, in which:
1089 unique CDR3
13 unique J



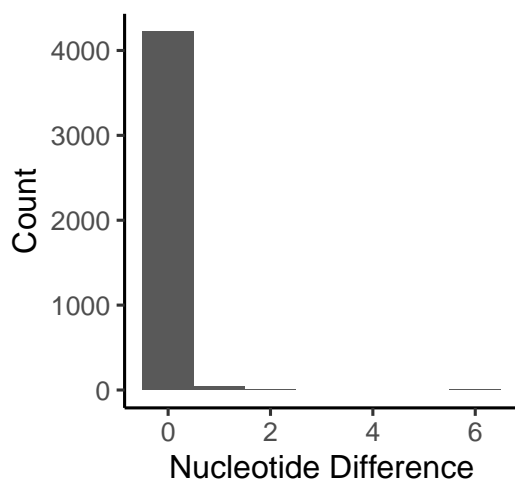
TRBV6-7*ap01

243 sequences assigned
240 (98.8%) exact matches, in which:
238 unique CDR3
13 unique J



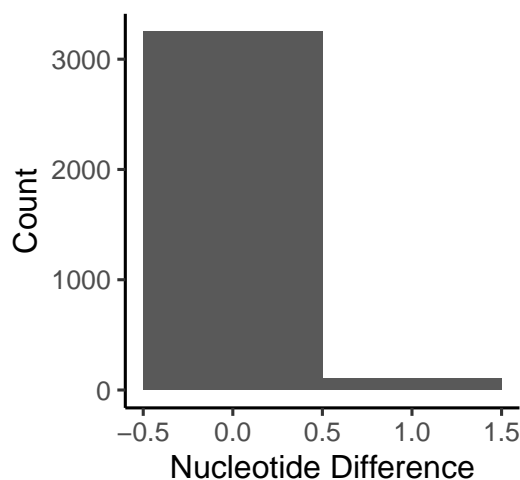
TRBV5-6*ap01

4274 sequences assigned
4221 (98.8%) exact matches, in which:
4127 unique CDR3
13 unique J



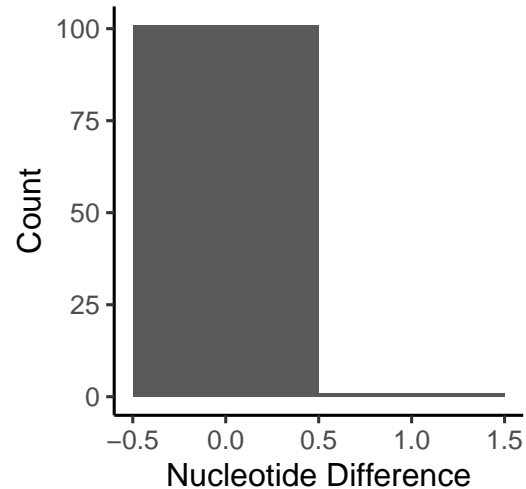
TRBV6-1*ap01

3357 sequences assigned
3249 (96.8%) exact matches, in which:
3214 unique CDR3
13 unique J



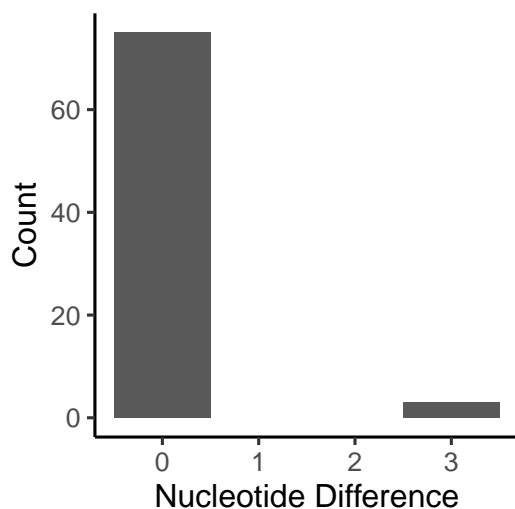
TRBV6-8*ap01

102 sequences assigned
101 (99%) exact matches, in which:
100 unique CDR3
13 unique J



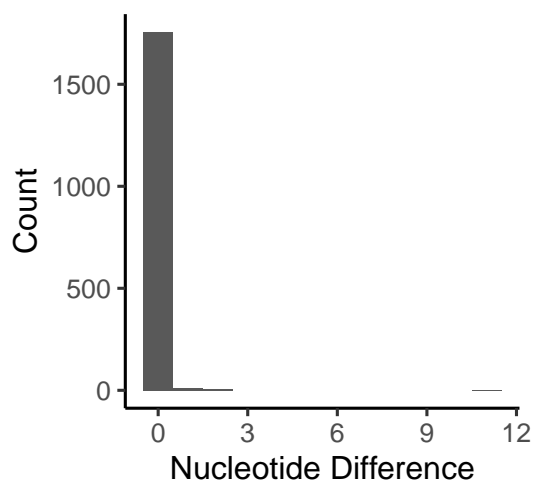
TRBV5-7*ap01

78 sequences assigned
75 (96.2%) exact matches, in which:
74 unique CDR3
11 unique J



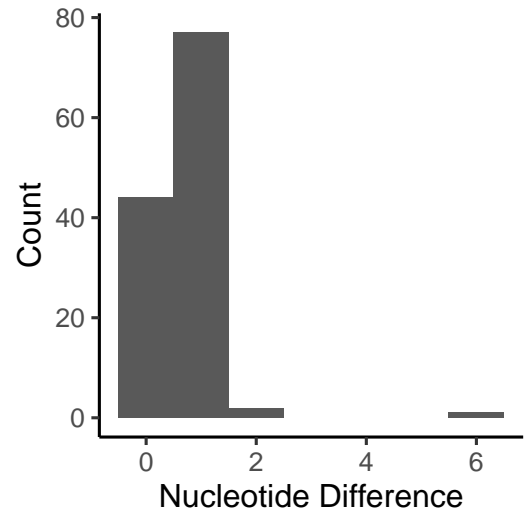
TRBV6-4*ap01

1772 sequences assigned
1756 (99.1%) exact matches, in which:
1750 unique CDR3
13 unique J



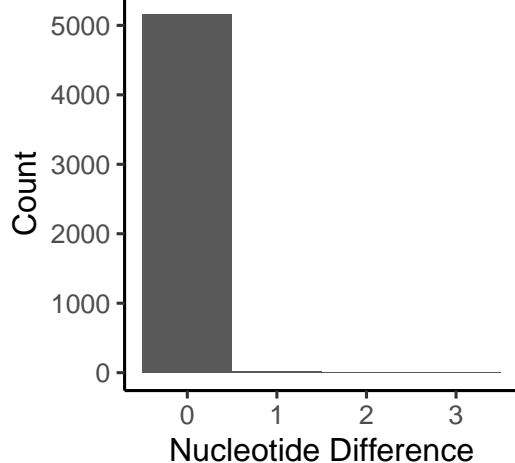
TRBV6-9*ap01

124 sequences assigned
44 (35.5%) exact matches, in which:
43 unique CDR3
11 unique J



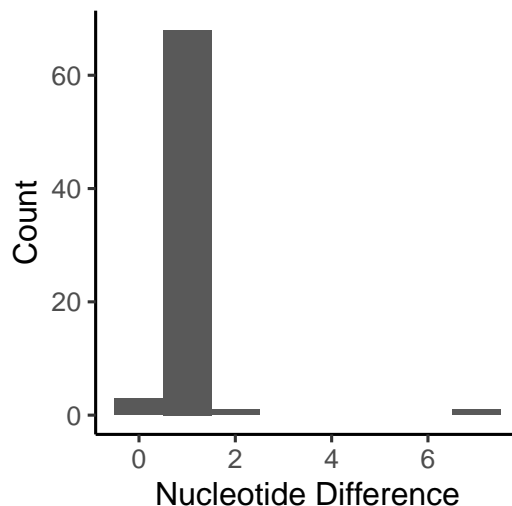
TRBV6-23*ap01

5190 sequences assigned
5158 (99.4%) exact matches, in which:
5098 unique CDR3
13 unique J



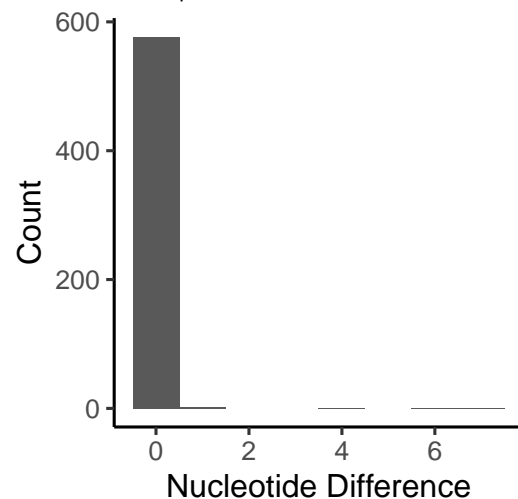
TRBV7-1*ap01_T296C

73 sequences assigned
3 (4.1%) exact matches, in which:
3 unique CDR3
3 unique J



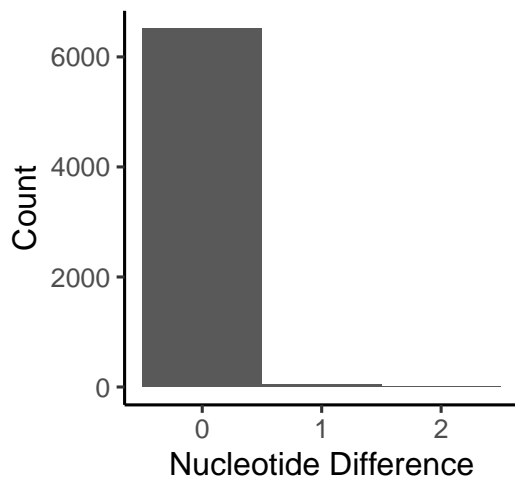
TRBV7-3*ap03

582 sequences assigned
577 (99.1%) exact matches, in which:
571 unique CDR3
13 unique J



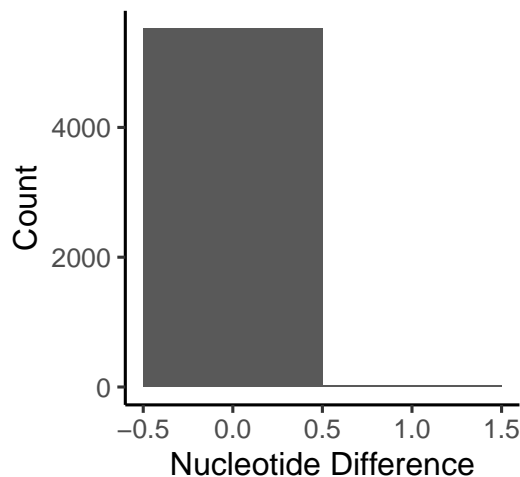
TRBV6-56*ap01

6553 sequences assigned
6512 (99.4%) exact matches, in which:
6416 unique CDR3
13 unique J



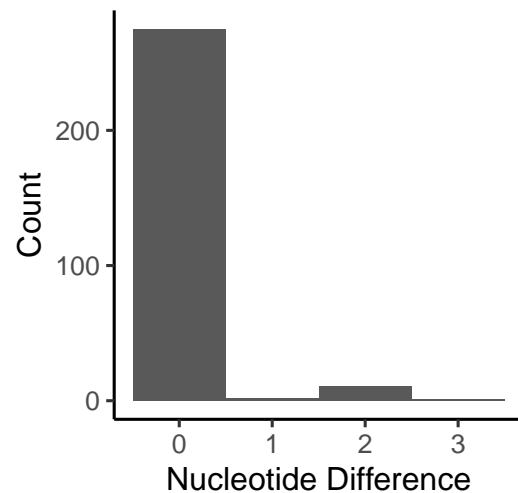
TRBV7-2*ap01

5539 sequences assigned
5521 (99.7%) exact matches, in which:
5500 unique CDR3
13 unique J



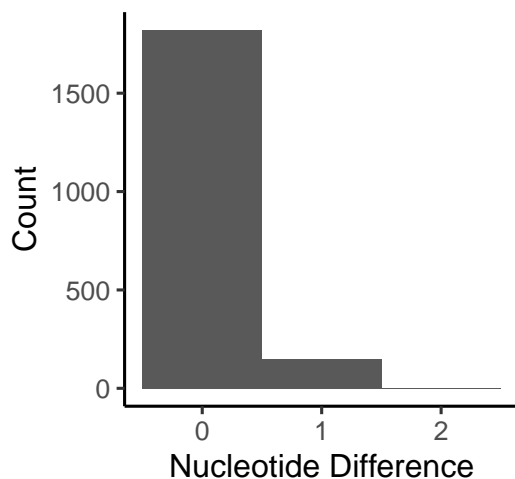
TRBV7-4*ap01

289 sequences assigned
275 (95.2%) exact matches, in which:
274 unique CDR3
13 unique J



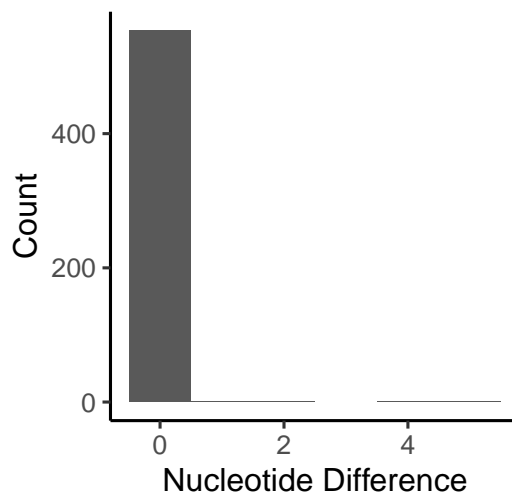
TRBV6-56*ap02

1973 sequences assigned
1821 (92.3%) exact matches, in which:
1794 unique CDR3
13 unique J



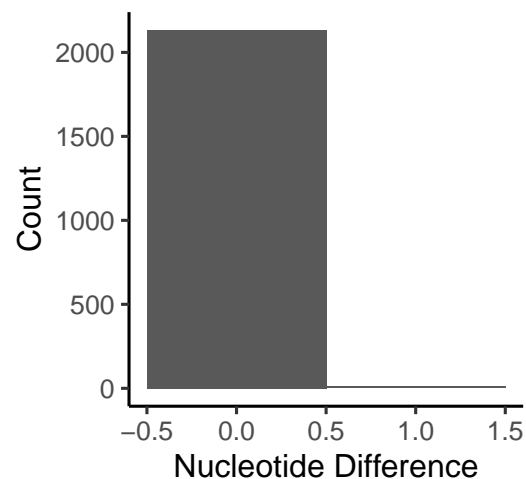
TRBV7-3*ap02

558 sequences assigned
554 (99.3%) exact matches, in which:
549 unique CDR3
13 unique J



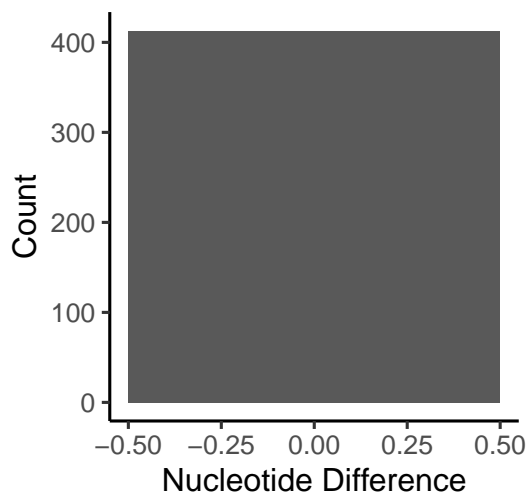
TRBV7-6*ap01

2143 sequences assigned
2133 (99.5%) exact matches, in which:
2117 unique CDR3
13 unique J



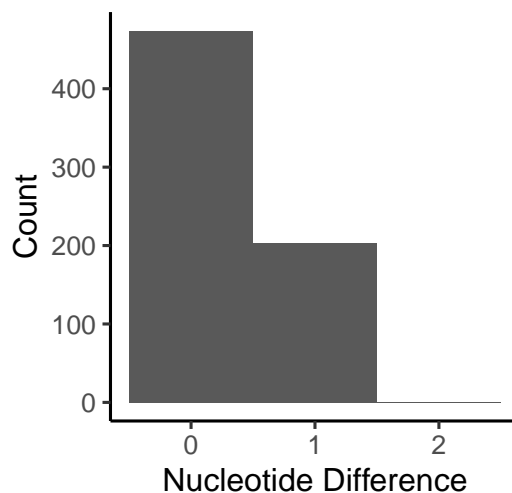
TRBV7-7*ap01

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



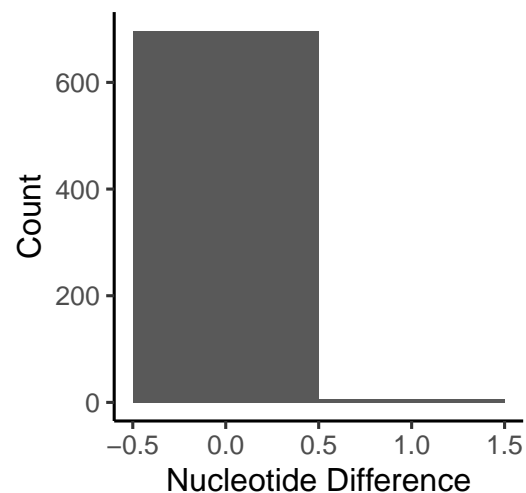
TRBV7-8*ap03

678 sequences assigned
474 (69.9%) exact matches, in which:
472 unique CDR3
13 unique J



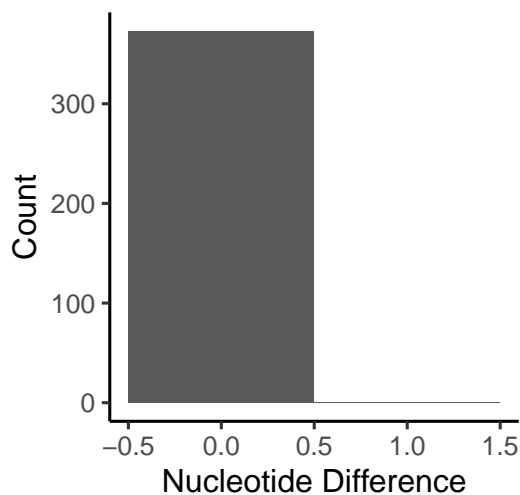
TRBV29-1*ap02

704 sequences assigned
697 (99%) exact matches, in which:
683 unique CDR3
13 unique J



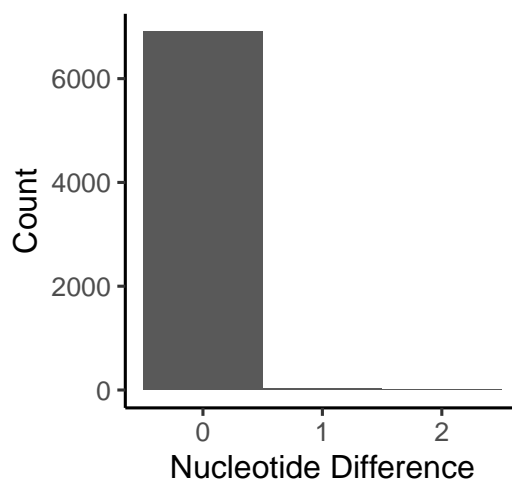
TRBV7-7*ap01_C315T

374 sequences assigned
373 (99.7%) exact matches, in which:
371 unique CDR3
13 unique J



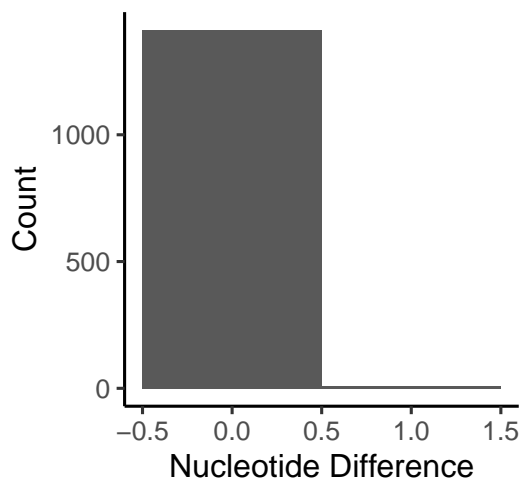
TRBV7-9*ap01

6926 sequences assigned
6904 (99.7%) exact matches, in which:
6855 unique CDR3
13 unique J



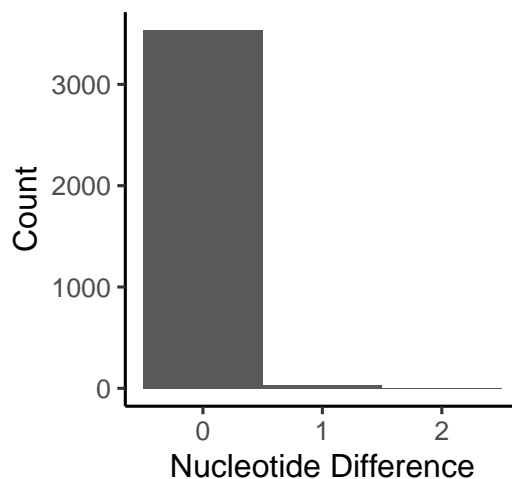
TRBV7-8*ap01

1421 sequences assigned
1413 (99.4%) exact matches, in which:
1401 unique CDR3
13 unique J

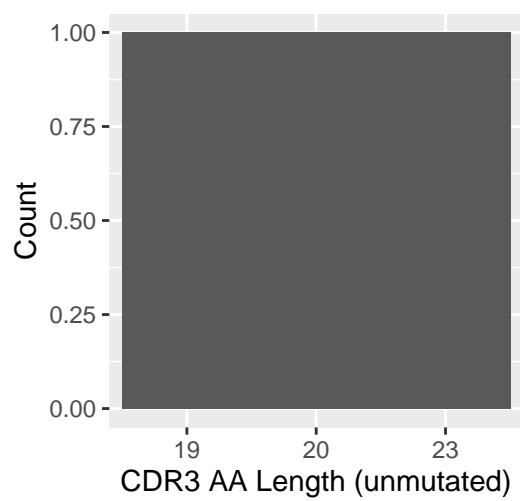


TRBV29-1*ap01

3568 sequences assigned
3536 (99.1%) exact matches, in which:
3482 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T

