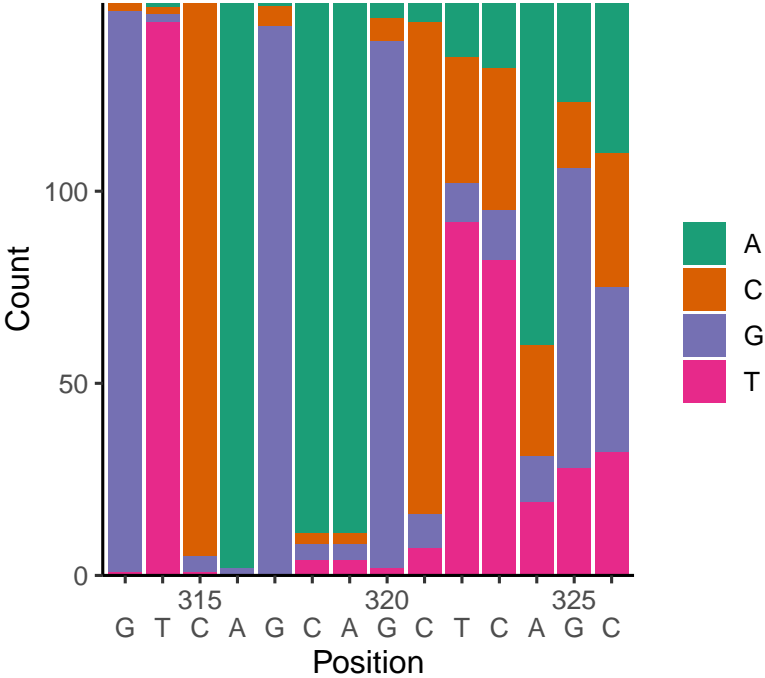
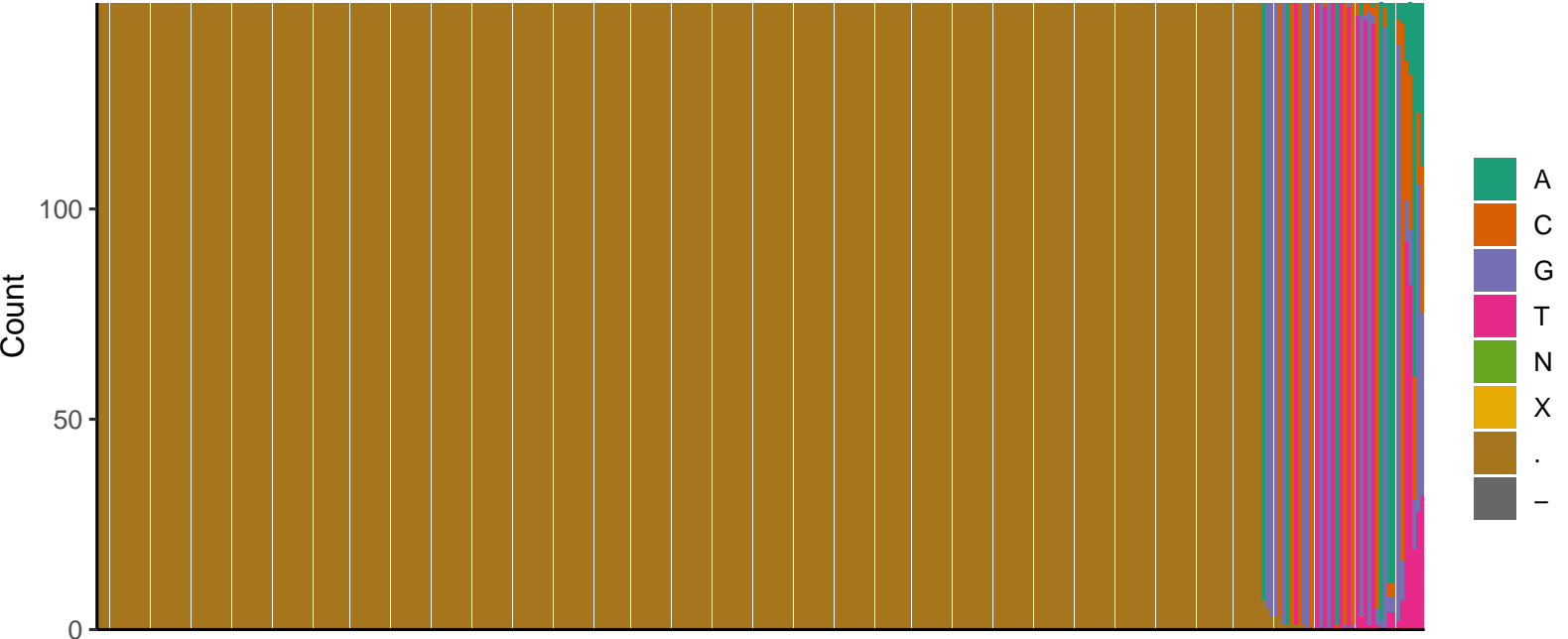


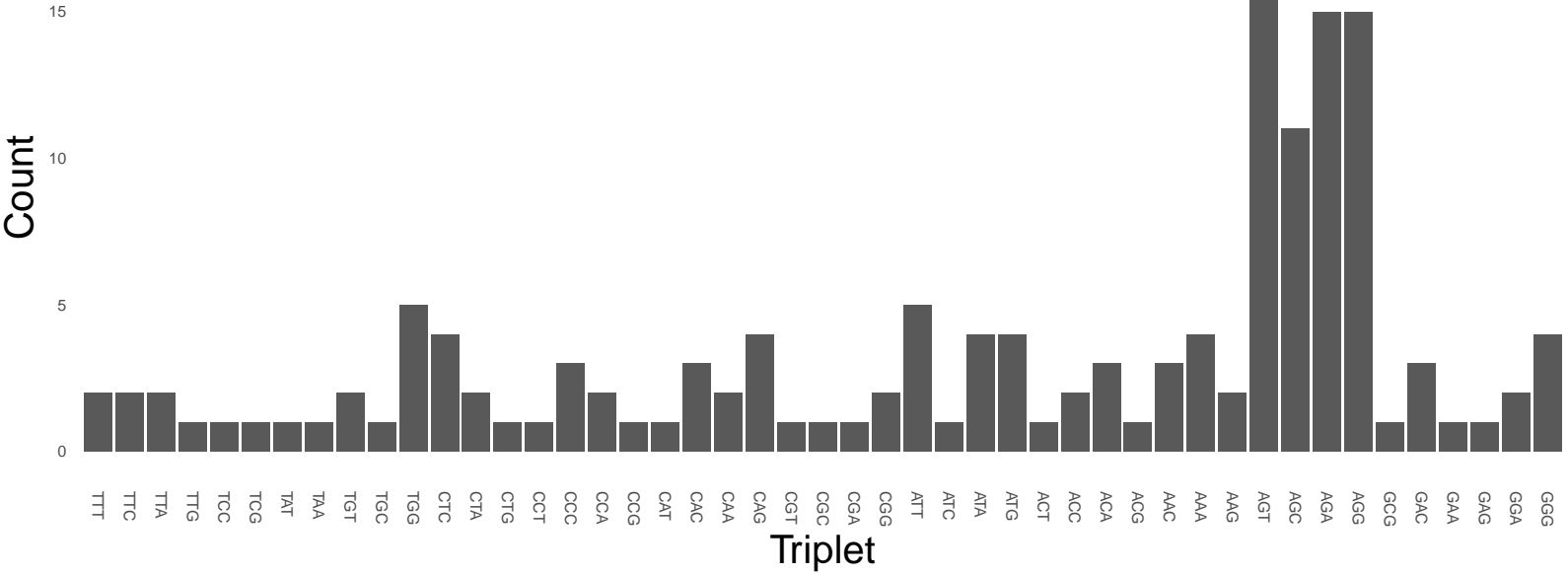
Gene TRBV7-1*ap01_T296C_C314T



Gene TRBV7-1*ap01_T296C_C314T

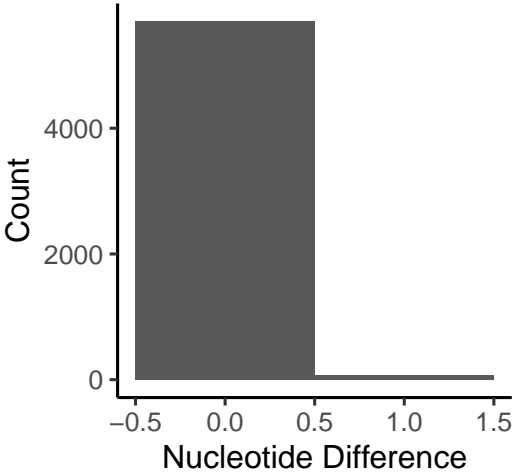


TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet



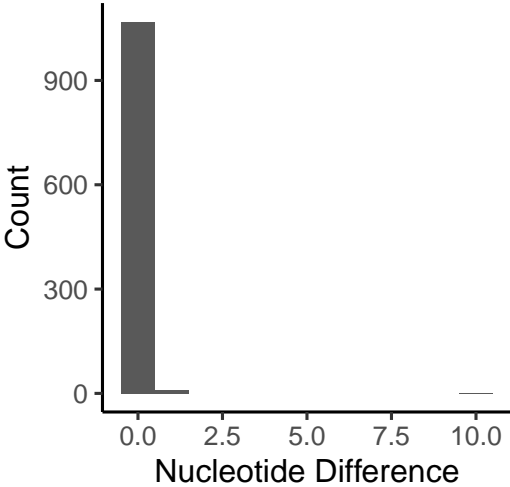
TRBV20-1*ap01

5768 sequences assigned
5700 (98.8%) exact matches, in which:
5607 unique CDR3
13 unique J



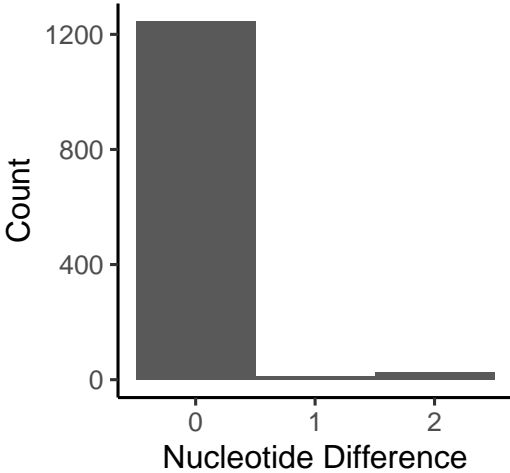
TRBV10-2*ap01

1080 sequences assigned
1069 (99%) exact matches, in which:
1046 unique CDR3
13 unique J



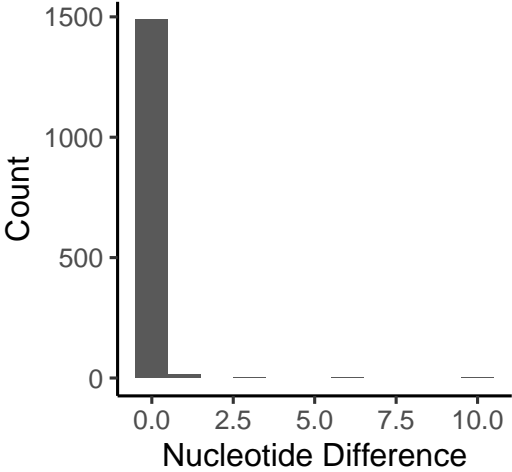
TRBV13*ap01

1283 sequences assigned
1245 (97%) exact matches, in which:
1224 unique CDR3
13 unique J



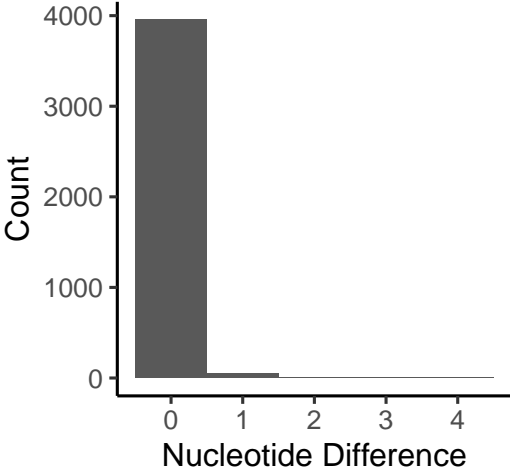
TRBV10-1*ap01

1507 sequences assigned
1488 (98.7%) exact matches, in which:
1457 unique CDR3
13 unique J



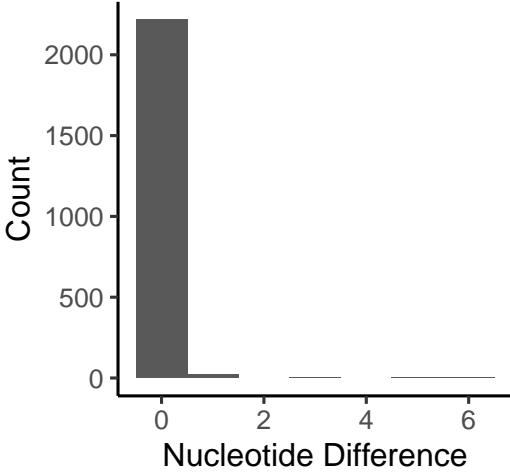
TRBV10-3*ap01

4010 sequences assigned
3955 (98.6%) exact matches, in which:
3863 unique CDR3
13 unique J



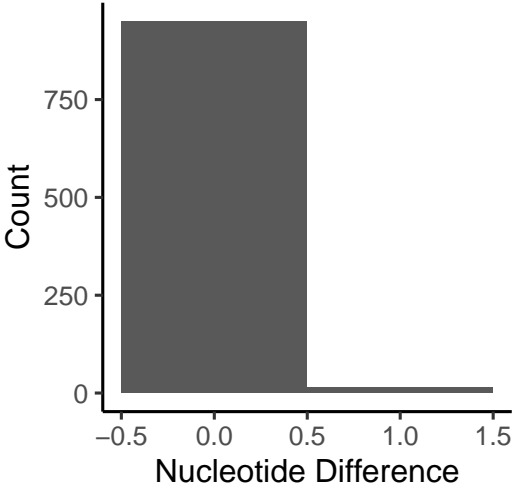
TRBV14*ap01

2241 sequences assigned
2217 (98.9%) exact matches, in which:
2180 unique CDR3
13 unique J



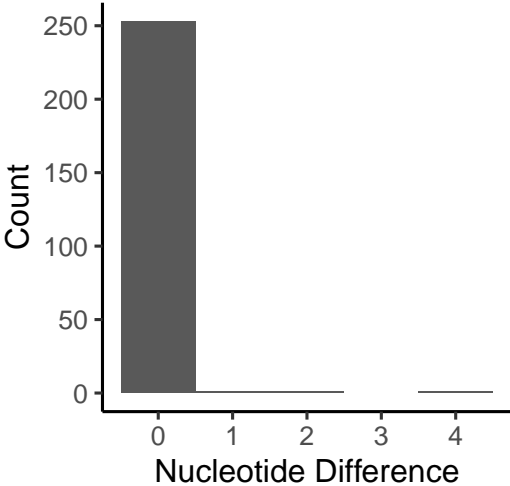
TRBV20-1*ap02

963 sequences assigned
950 (98.7%) exact matches, in which:
926 unique CDR3
13 unique J



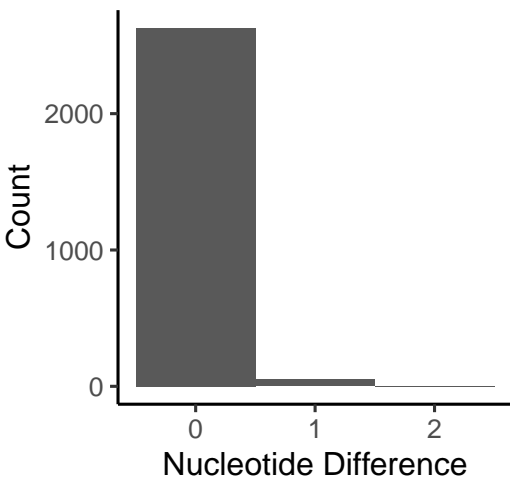
TRBV1*ap01

256 sequences assigned
253 (98.8%) exact matches, in which:
247 unique CDR3
13 unique J



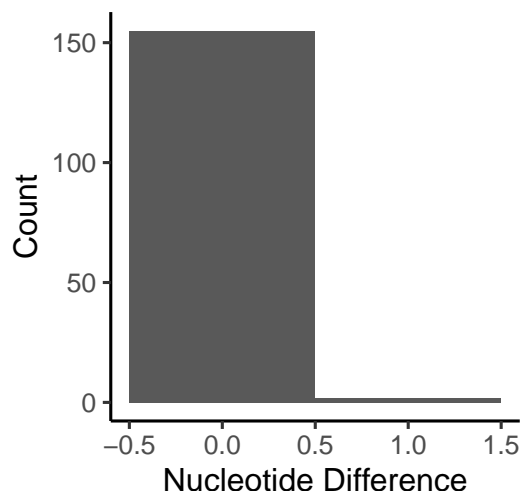
TRBV15*ap02

2679 sequences assigned
2628 (98.1%) exact matches, in which:
2571 unique CDR3
13 unique J



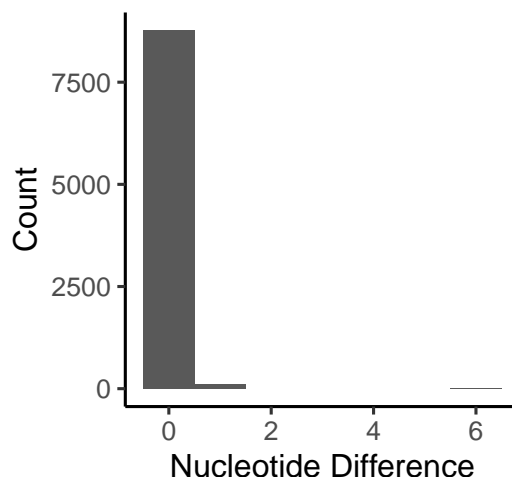
TRBV16*ap01

157 sequences assigned
155 (98.7%) exact matches, in which:
154 unique CDR3
13 unique J



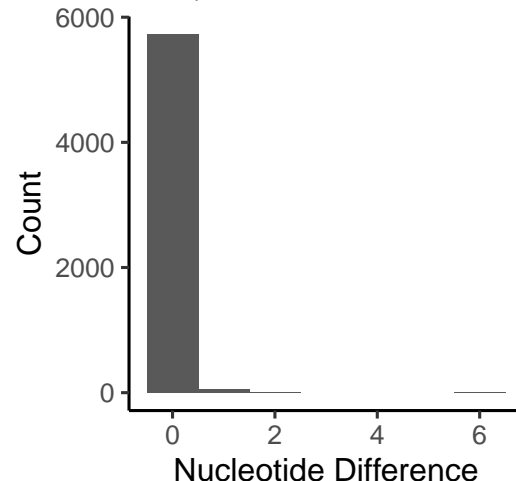
TRBV19*ap01

8874 sequences assigned
8767 (98.8%) exact matches, in which:
8654 unique CDR3
13 unique J



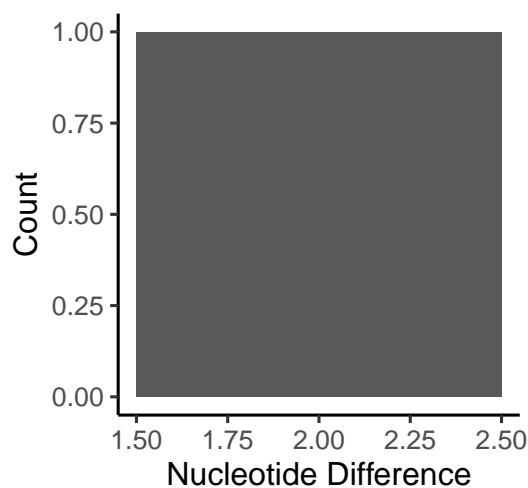
TRBV28*ap01

5786 sequences assigned
5725 (98.9%) exact matches, in which:
5605 unique CDR3
13 unique J



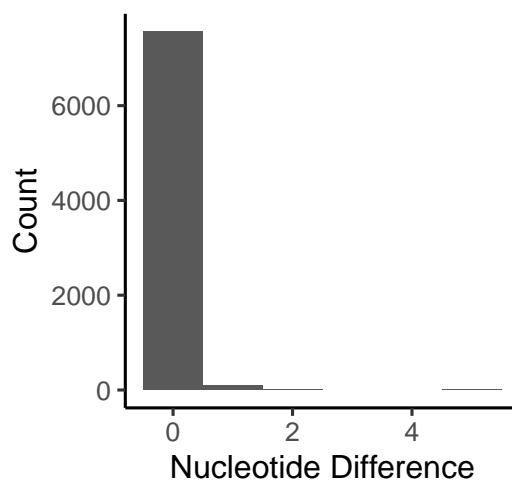
TRBV17*ap01

1 sequences assigned
No exact matches.



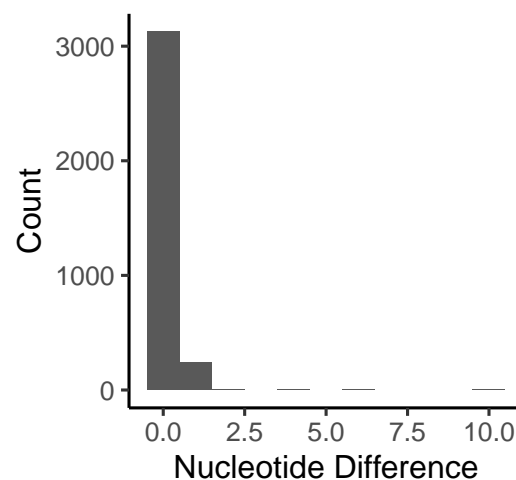
TRBV2*ap01

7650 sequences assigned
7560 (98.8%) exact matches, in which:
7397 unique CDR3
13 unique J



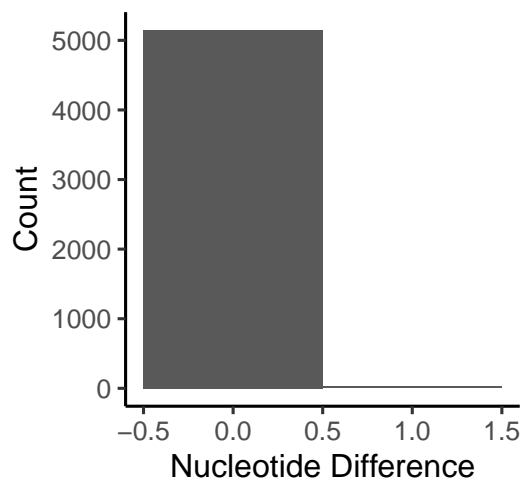
TRBV30*ap01

3369 sequences assigned
3126 (92.8%) exact matches, in which:
3077 unique CDR3
13 unique J



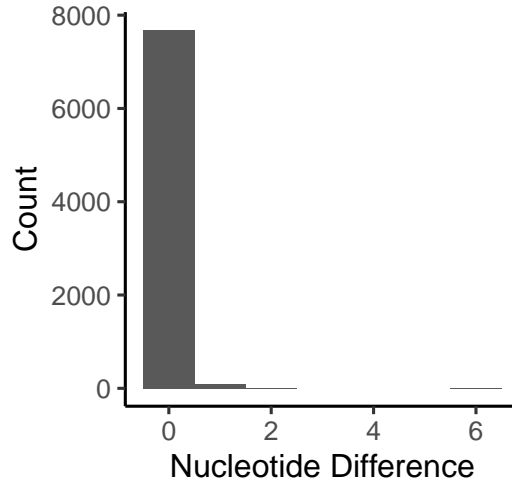
TRBV18*ap01

5174 sequences assigned
5148 (99.5%) exact matches, in which:
5077 unique CDR3
13 unique J



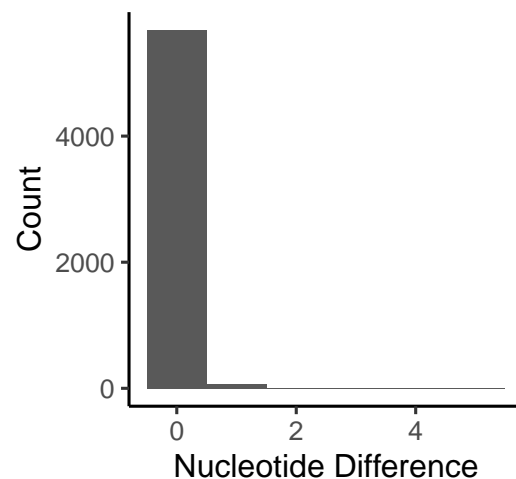
TRBV27*ap01

7780 sequences assigned
7681 (98.7%) exact matches, in which:
7490 unique CDR3
13 unique J



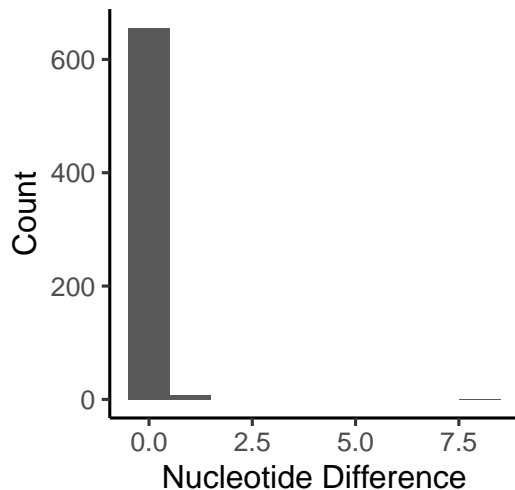
TRBV9*ap01

5753 sequences assigned
5682 (98.8%) exact matches, in which:
5575 unique CDR3
13 unique J



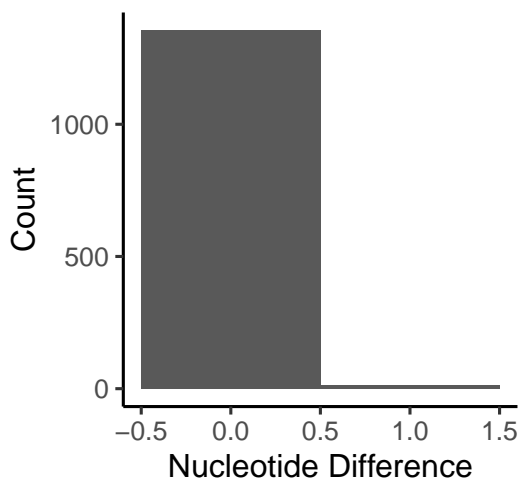
TRBV11-1*ap01

665 sequences assigned
656 (98.6%) exact matches, in which:
647 unique CDR3
13 unique J



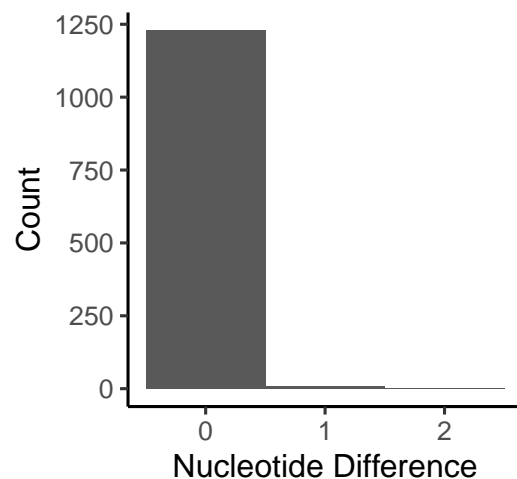
TRBV11-3*ap01

1368 sequences assigned
1355 (99%) exact matches, in which:
1330 unique CDR3
13 unique J



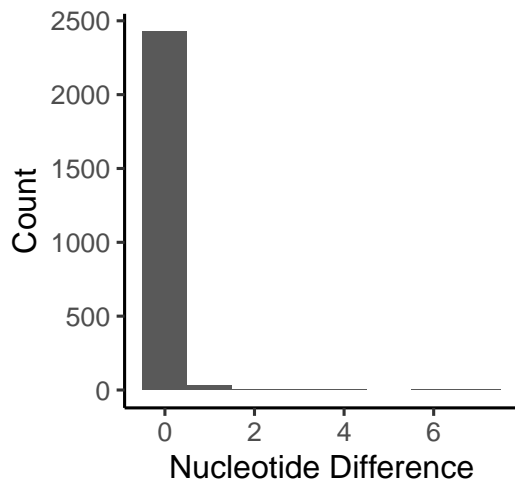
TRBV12-5*ap01

1241 sequences assigned
1229 (99%) exact matches, in which:
1200 unique CDR3
13 unique J



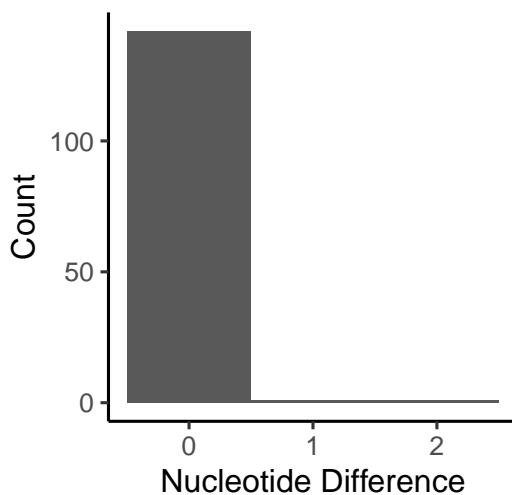
TRBV21-1*ap01

2466 sequences assigned
2426 (98.4%) exact matches, in which:
2378 unique CDR3
13 unique J



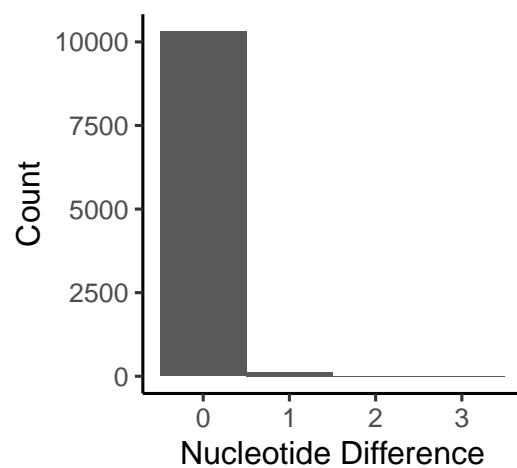
TRBV12-1*ap01

144 sequences assigned
142 (98.6%) exact matches, in which:
139 unique CDR3
13 unique J



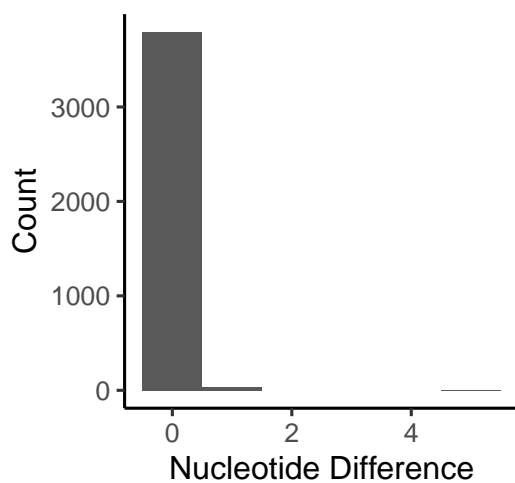
TRBV12-34*ap01

10441 sequences assigned
10312 (98.8%) exact matches, in which:
10087 unique CDR3
13 unique J



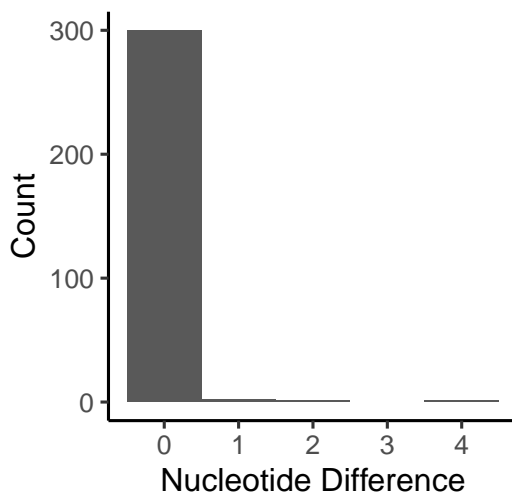
TRBV11-2*ap01

3826 sequences assigned
3793 (99.1%) exact matches, in which:
3708 unique CDR3
13 unique J



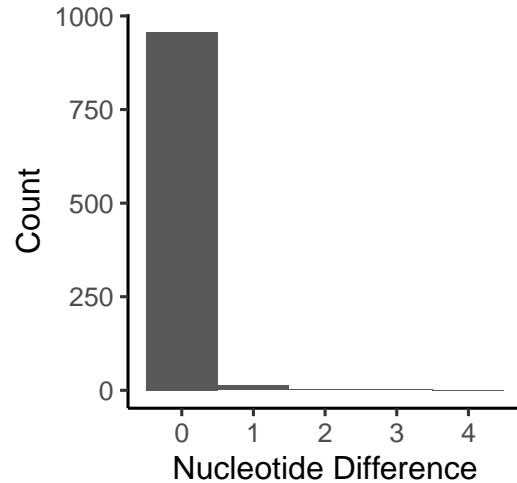
TRBV12-2*ap01

304 sequences assigned
300 (98.7%) exact matches, in which:
296 unique CDR3
13 unique J



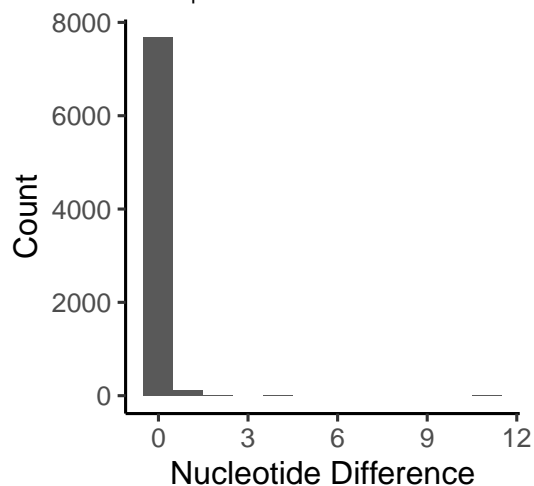
TRBV23-1*ap01

975 sequences assigned
957 (98.2%) exact matches, in which:
943 unique CDR3
13 unique J



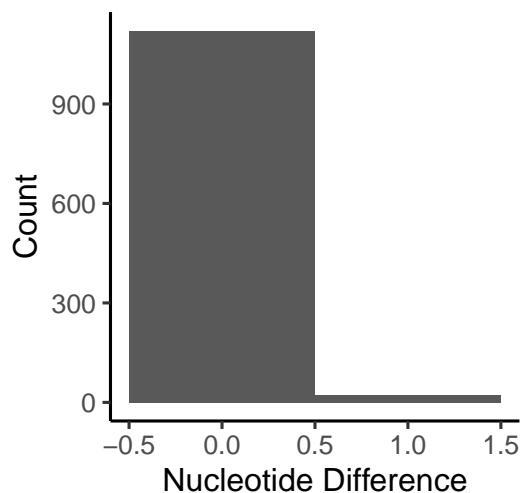
TRBV3-12*ap01

7793 sequences assigned
7678 (98.5%) exact matches, in which:
7531 unique CDR3
13 unique J



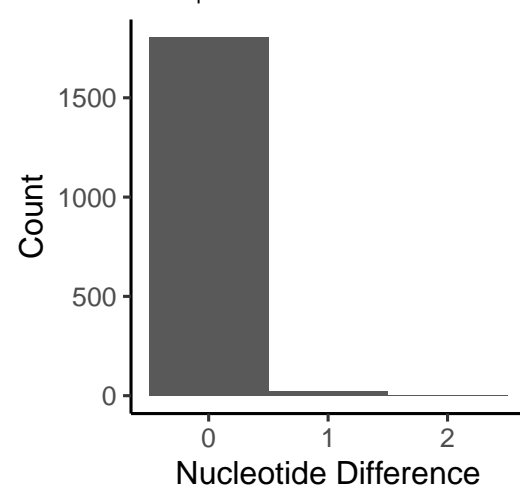
TRBV4-2*ap01

1144 sequences assigned
1121 (98%) exact matches, in which:
1095 unique CDR3
13 unique J



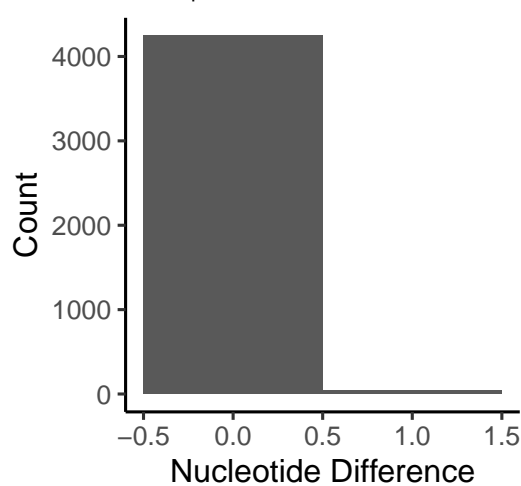
TRBV25-1*ap01

1830 sequences assigned
1804 (98.6%) exact matches, in which:
1772 unique CDR3
13 unique J



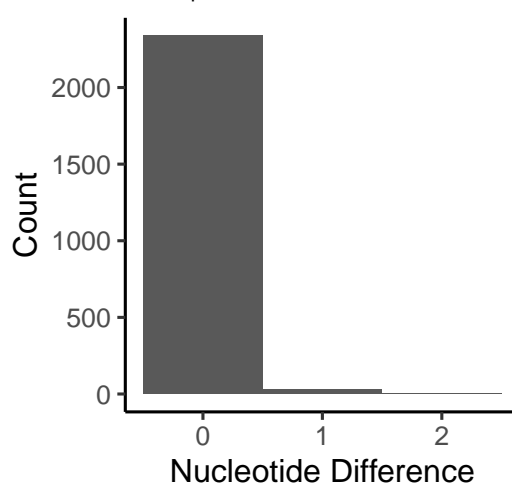
TRBV4-1*ap01

4283 sequences assigned
4246 (99.1%) exact matches, in which:
4153 unique CDR3
13 unique J



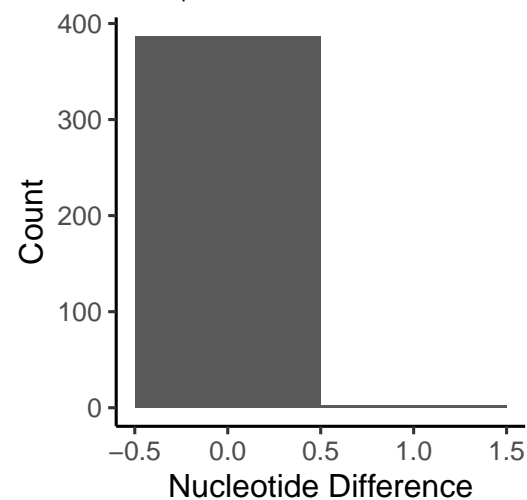
TRBV4-3*ap01

2366 sequences assigned
2338 (98.8%) exact matches, in which:
2294 unique CDR3
13 unique J



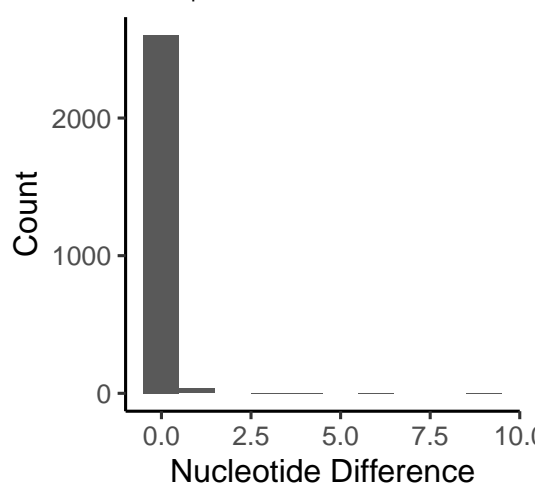
TRBV5-3*ap01

390 sequences assigned
387 (99.2%) exact matches, in which:
374 unique CDR3
13 unique J



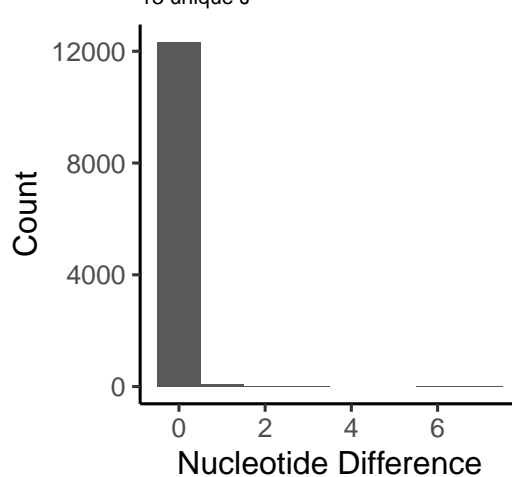
TRBV24-1*ap01

2643 sequences assigned
2603 (98.5%) exact matches, in which:
2552 unique CDR3
13 unique J



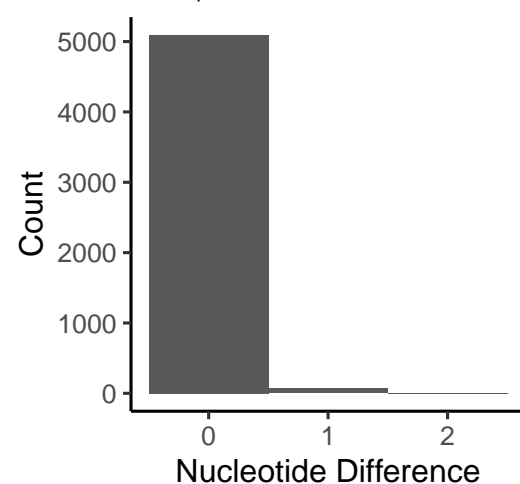
TRBV5-1*ap01

12448 sequences assigned
12338 (99.1%) exact matches, in which:
12019 unique CDR3
13 unique J



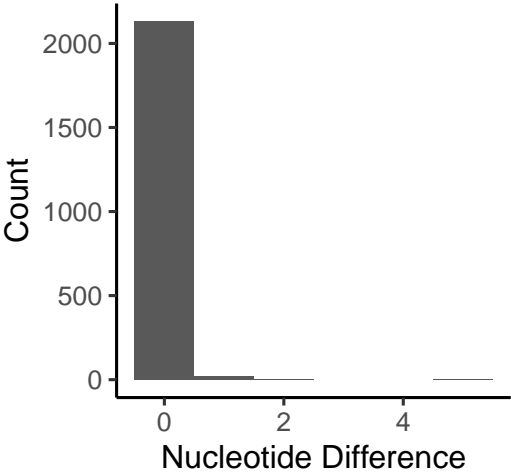
TRBV5-4*ap01

5160 sequences assigned
5093 (98.7%) exact matches, in which:
4972 unique CDR3
13 unique J



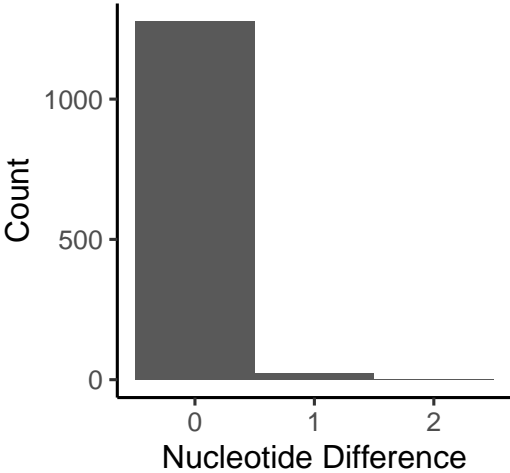
TRBV5-5*ap01

2154 sequences assigned
2131 (98.9%) exact matches, in which:
2106 unique CDR3
13 unique J



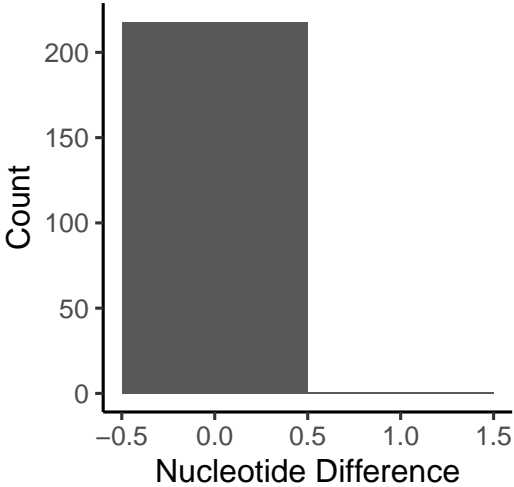
TRBV5-8*ap01

1303 sequences assigned
1277 (98%) exact matches, in which:
1252 unique CDR3
13 unique J



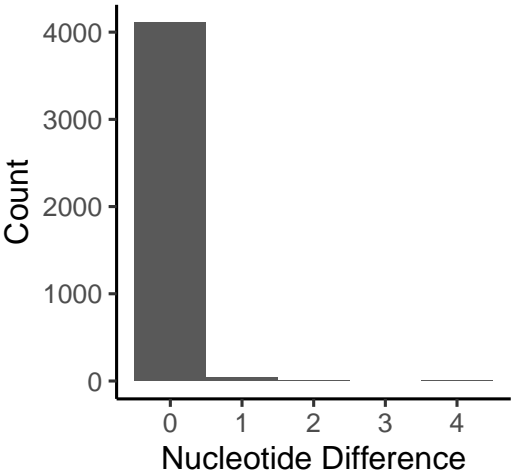
TRBV6-7*ap01

219 sequences assigned
218 (99.5%) exact matches, in which:
216 unique CDR3
13 unique J



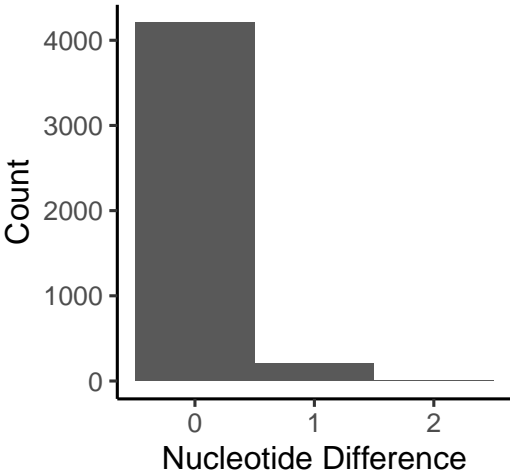
TRBV5-6*ap01

4153 sequences assigned
4108 (98.9%) exact matches, in which:
4014 unique CDR3
13 unique J



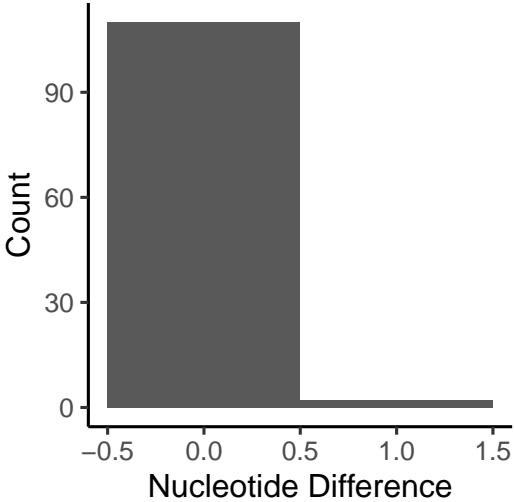
TRBV6-1*ap01

4417 sequences assigned
4206 (95.2%) exact matches, in which:
4119 unique CDR3
13 unique J



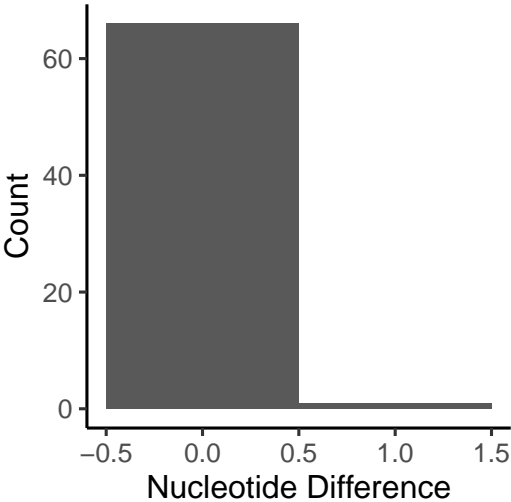
TRBV6-8*ap01

112 sequences assigned
110 (98.2%) exact matches, in which:
109 unique CDR3
12 unique J



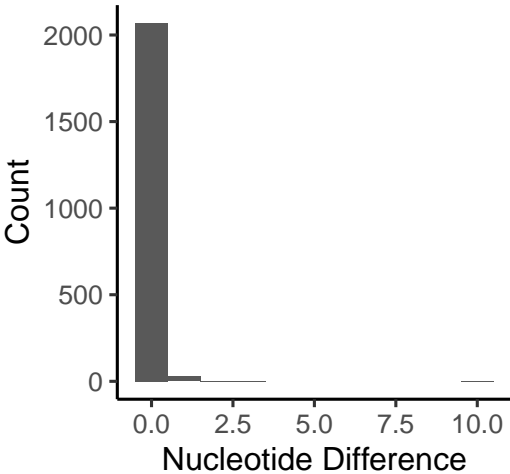
TRBV5-7*ap01

67 sequences assigned
66 (98.5%) exact matches, in which:
65 unique CDR3
11 unique J



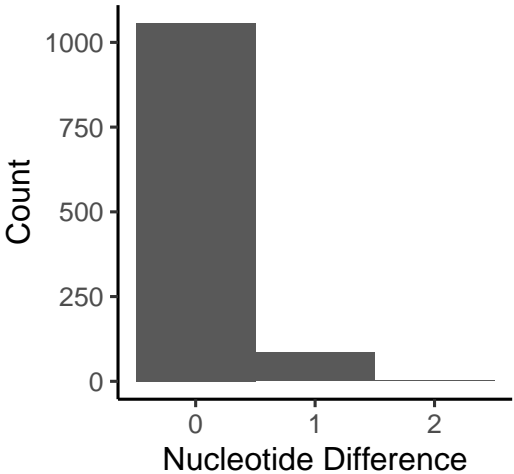
TRBV6-4*ap01

2099 sequences assigned
2069 (98.6%) exact matches, in which:
2038 unique CDR3
13 unique J



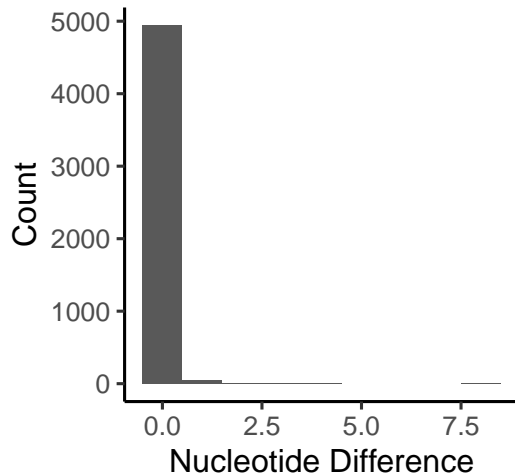
TRBV6-9*ap01

1144 sequences assigned
1057 (92.4%) exact matches, in which:
1034 unique CDR3
13 unique J



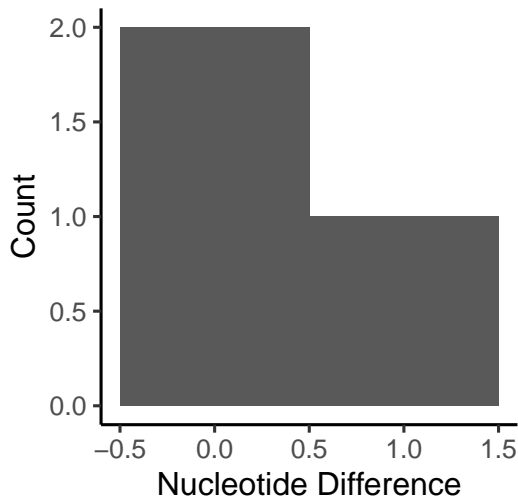
TRBV6-23*ap01

5000 sequences assigned
4942 (98.8%) exact matches, in which:
4834 unique CDR3
13 unique J



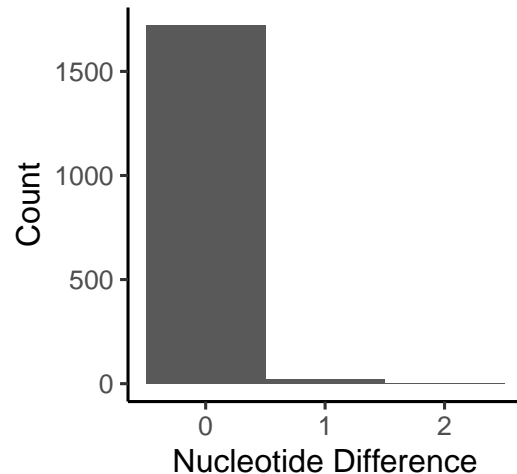
TRBV7-1*ap01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
2 unique J



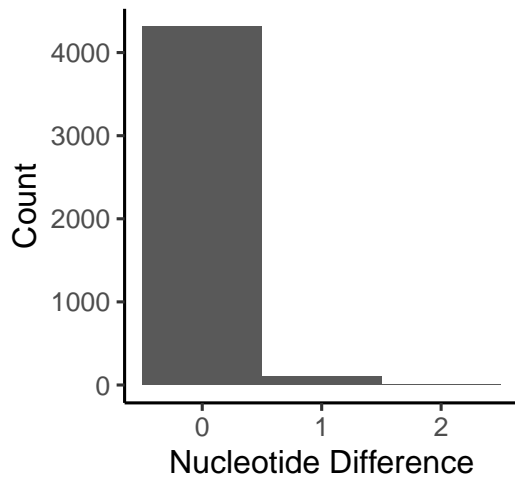
TRBV7-3*ap01

1743 sequences assigned
1721 (98.7%) exact matches, in which:
1689 unique CDR3
13 unique J



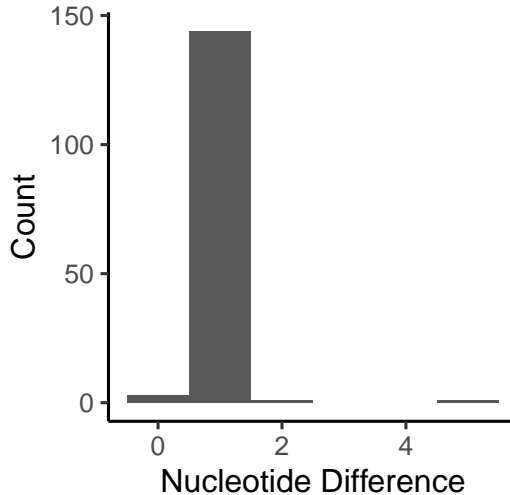
TRBV6-56*ap01

4416 sequences assigned
4311 (97.6%) exact matches, in which:
4215 unique CDR3
13 unique J



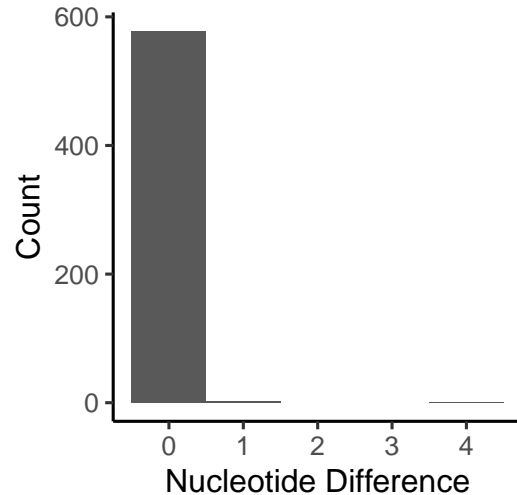
TRBV7-1*ap01_T296C_()

149 sequences assigned
3 (2%) exact matches, in which:
3 unique CDR3
3 unique J



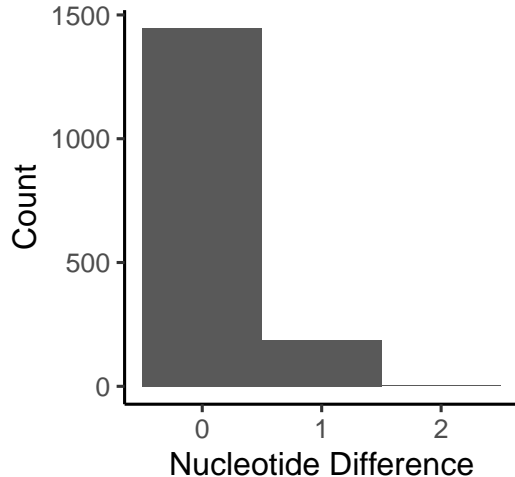
TRBV7-3*ap03

581 sequences assigned
578 (99.5%) exact matches, in which:
567 unique CDR3
13 unique J



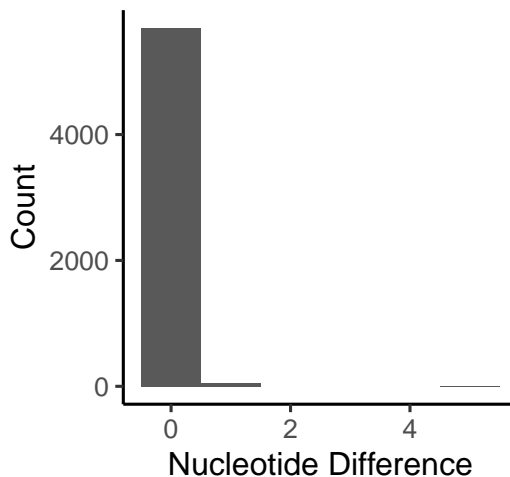
TRBV6-56*ap02

1636 sequences assigned
1447 (88.4%) exact matches, in which:
1416 unique CDR3
13 unique J



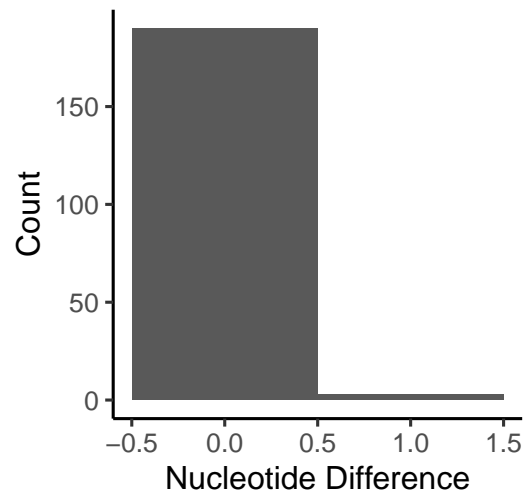
TRBV7-2*ap01

5742 sequences assigned
5692 (99.1%) exact matches, in which:
5573 unique CDR3
13 unique J



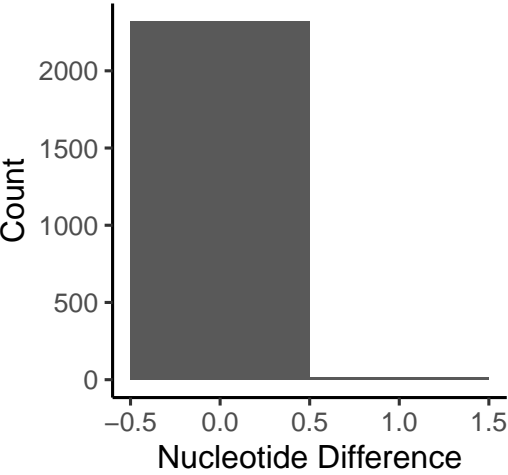
TRBV7-4*ap01

193 sequences assigned
190 (98.4%) exact matches, in which:
189 unique CDR3
13 unique J



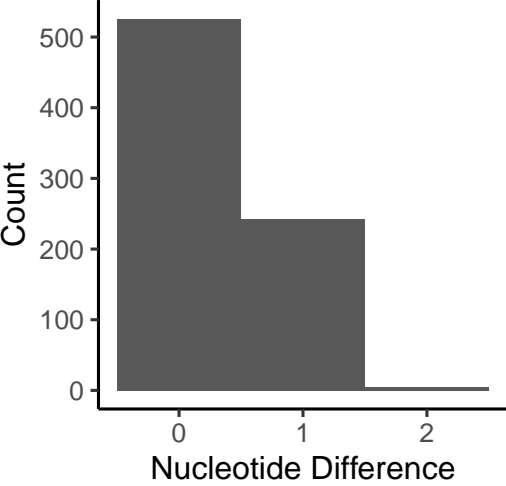
TRBV7-6*ap01

2339 sequences assigned
2320 (99.2%) exact matches, in which:
2264 unique CDR3
13 unique J



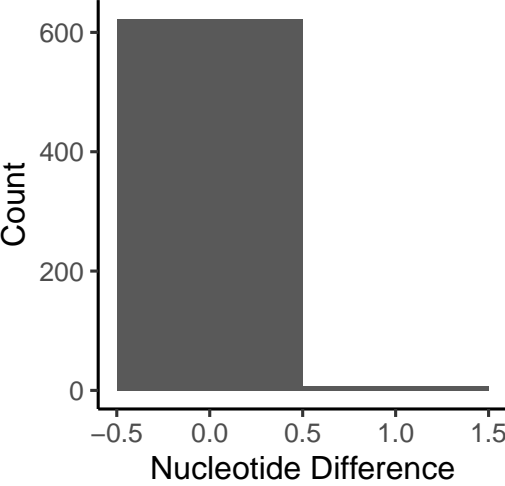
TRBV7-8*ap03

773 sequences assigned
526 (68%) exact matches, in which:
516 unique CDR3
13 unique J



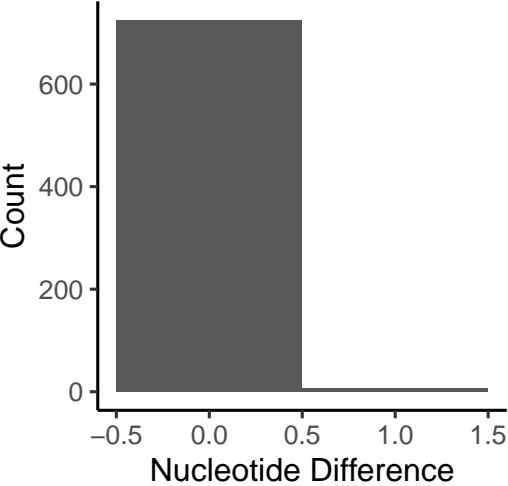
TRBV29-1*ap02

630 sequences assigned
623 (98.9%) exact matches, in which:
614 unique CDR3
13 unique J



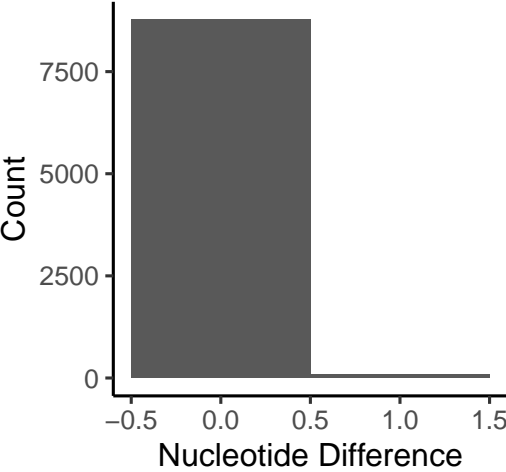
TRBV7-7*ap01

732 sequences assigned
725 (99%) exact matches, in which:
708 unique CDR3
13 unique J



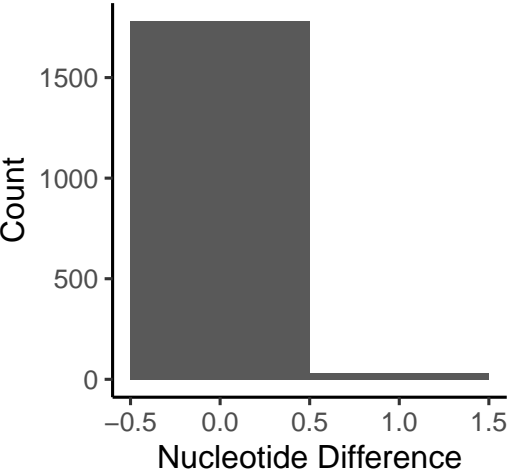
TRBV7-9*ap01

8856 sequences assigned
8770 (99%) exact matches, in which:
8600 unique CDR3
13 unique J



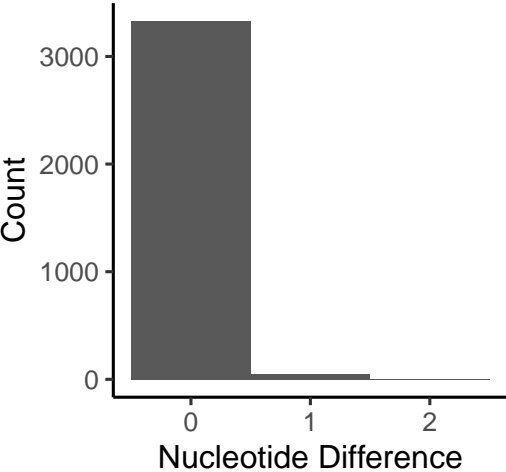
TRBV7-8*ap01

1811 sequences assigned
1781 (98.3%) exact matches, in which:
1727 unique CDR3
13 unique J



TRBV29-1*ap01

3381 sequences assigned
3329 (98.5%) exact matches, in which:
3267 unique CDR3
13 unique J



TRBV7-1*ap01_T296C_C314T

