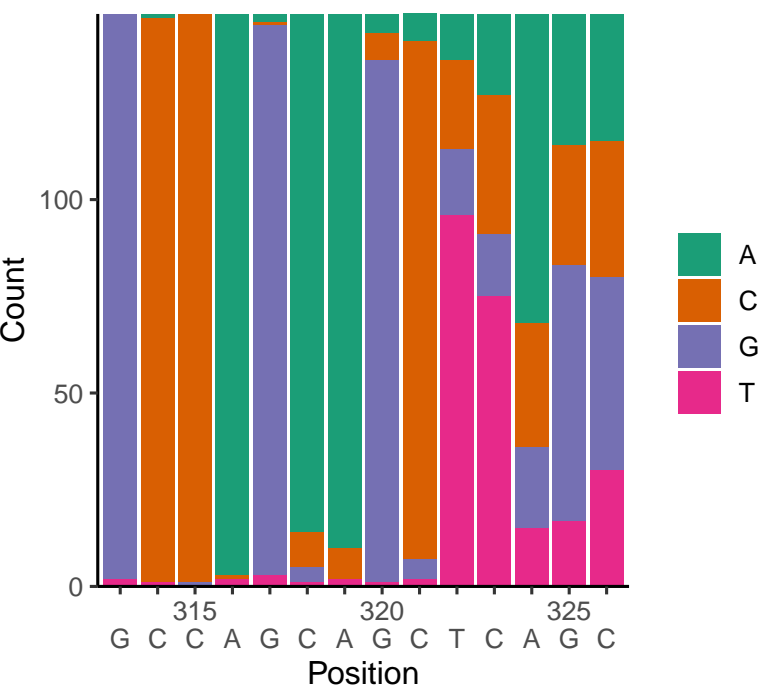
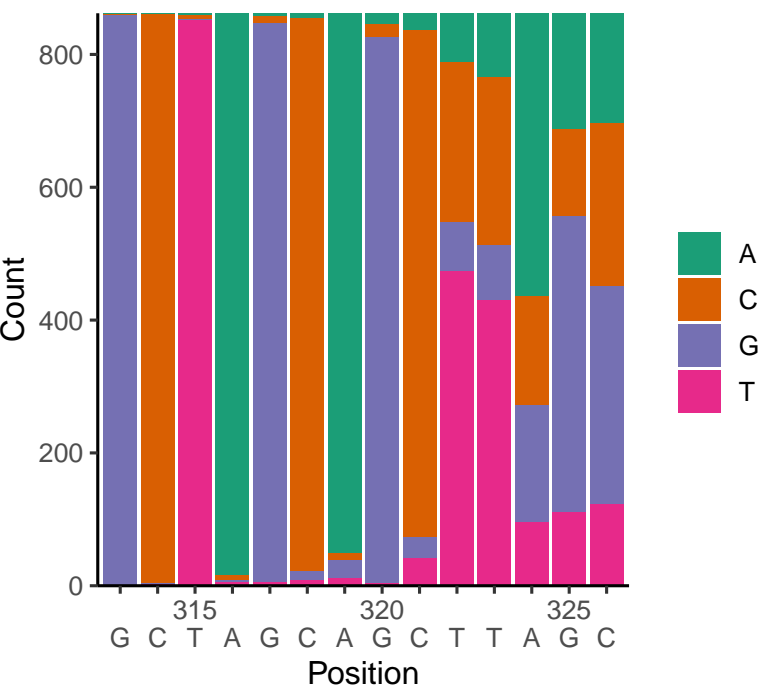


Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



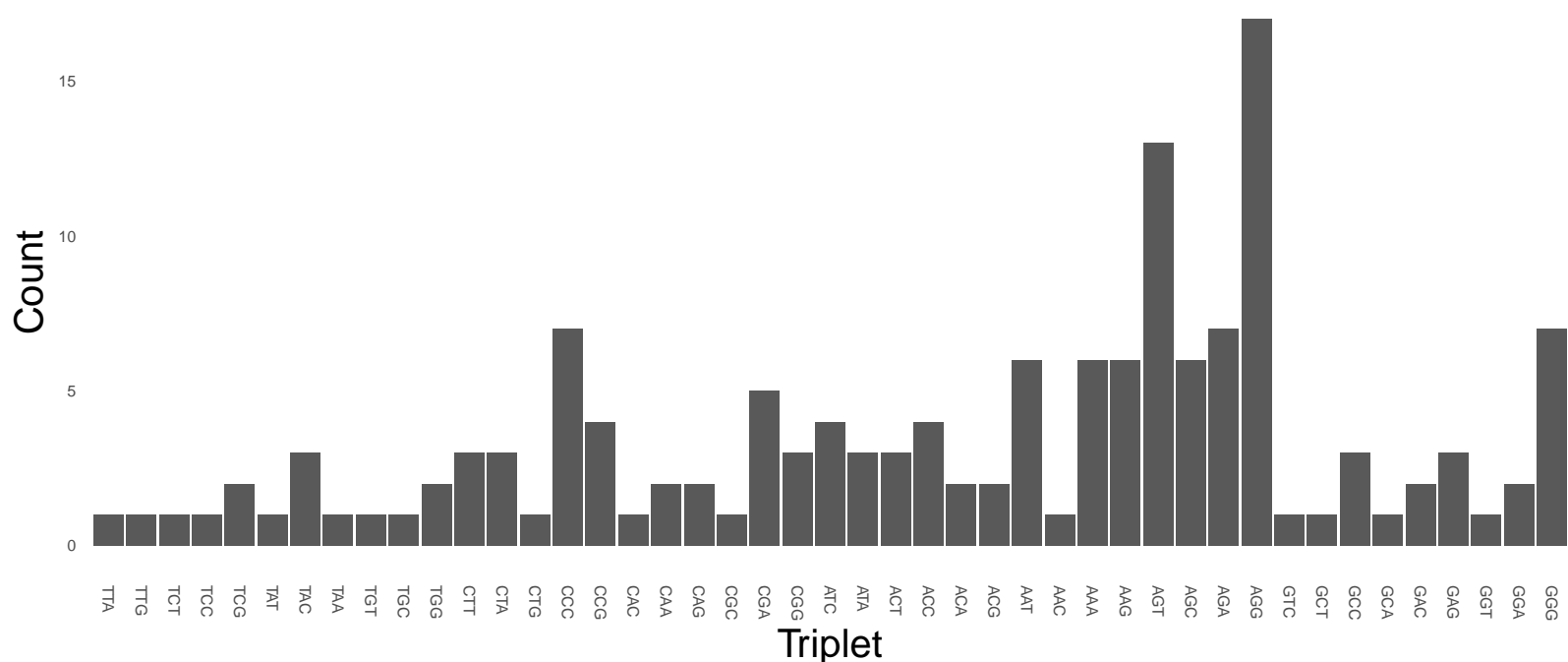
Gene TRBV7-1*ap01_G291C_T296C



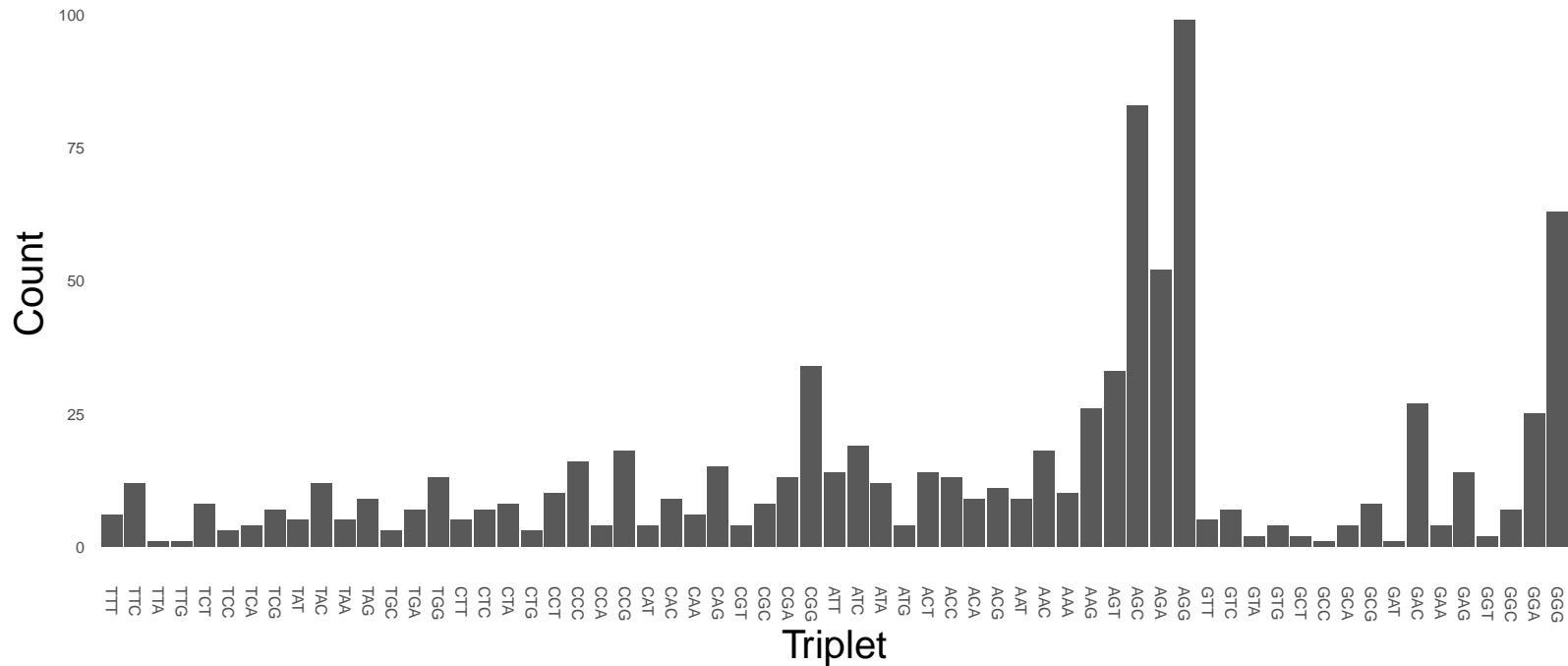
Gene TRBV7-7*ap01_C315T



TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet

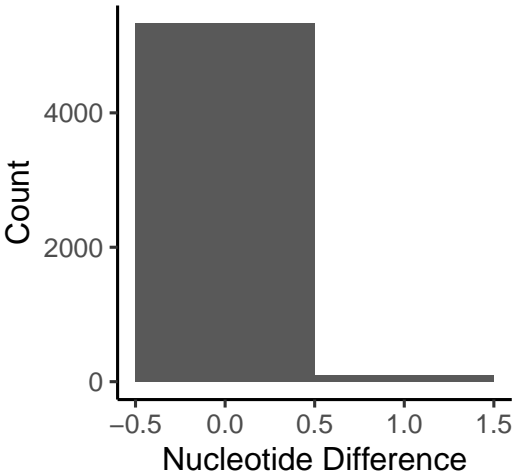


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



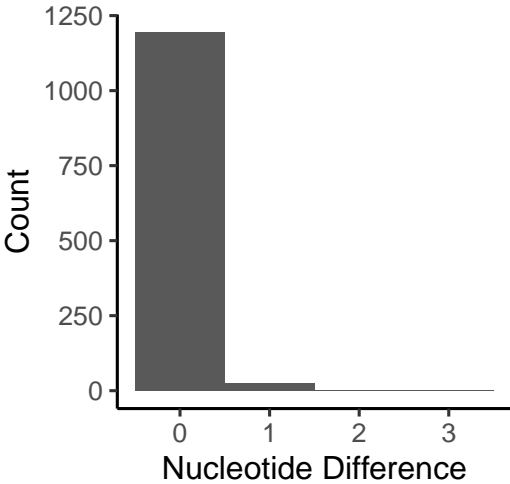
TRBV20-1*ap01

5427 sequences assigned
5331 (98.2%) exact matches, in which:
5192 unique CDR3
13 unique J



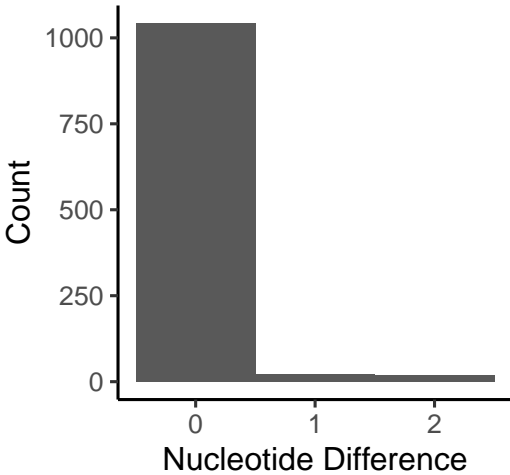
TRBV10-2*ap01

1222 sequences assigned
1194 (97.7%) exact matches, in which:
1152 unique CDR3
13 unique J



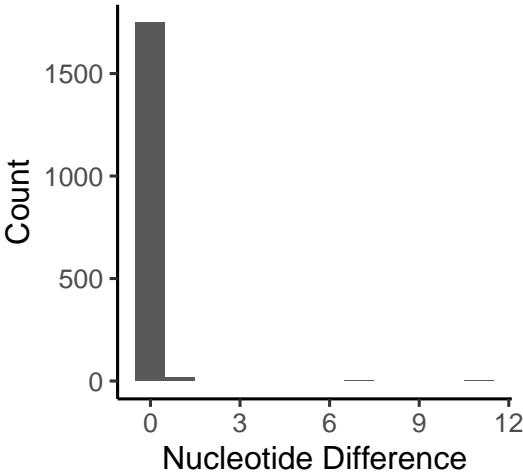
TRBV13*ap01

1084 sequences assigned
1042 (96.1%) exact matches, in which:
1010 unique CDR3
13 unique J



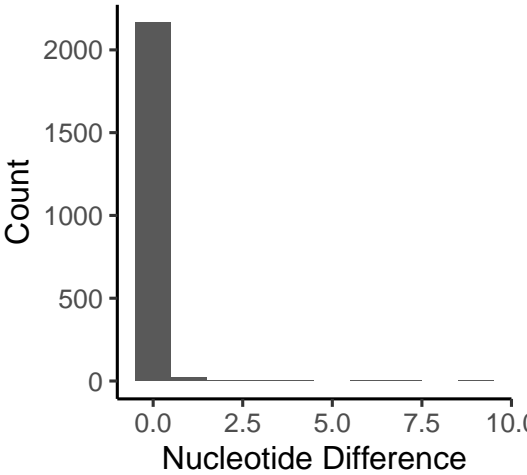
TRBV10-1*ap01

1768 sequences assigned
1748 (98.9%) exact matches, in which:
1698 unique CDR3
13 unique J



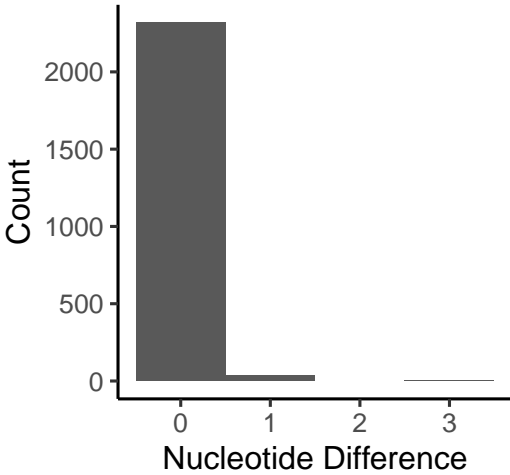
TRBV10-3*ap01

2190 sequences assigned
2164 (98.8%) exact matches, in which:
2095 unique CDR3
13 unique J



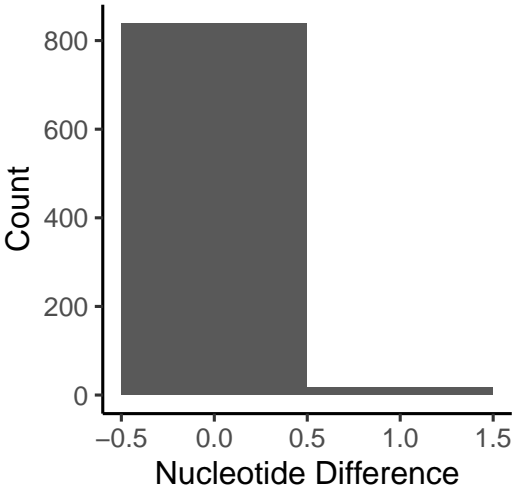
TRBV14*ap01

2352 sequences assigned
2318 (98.6%) exact matches, in which:
2263 unique CDR3
13 unique J



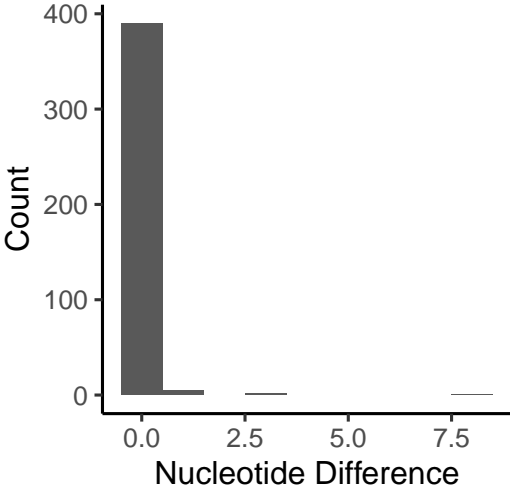
TRBV20-1*ap02

856 sequences assigned
839 (98%) exact matches, in which:
819 unique CDR3
13 unique J



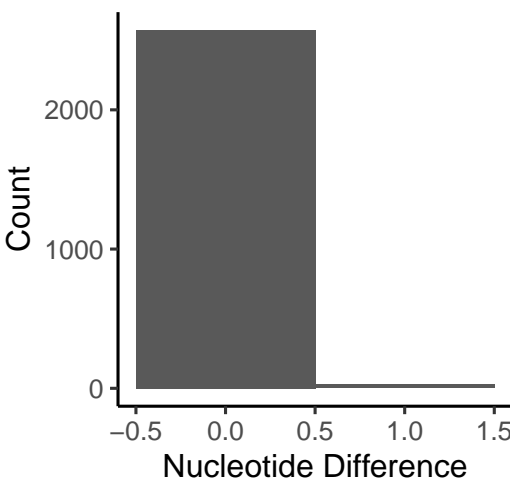
TRBV1*ap01

398 sequences assigned
390 (98%) exact matches, in which:
383 unique CDR3
13 unique J



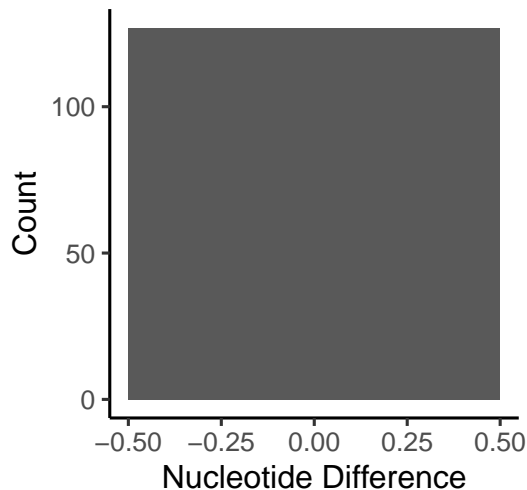
TRBV15*ap02

2601 sequences assigned
2573 (98.9%) exact matches, in which:
2493 unique CDR3
13 unique J



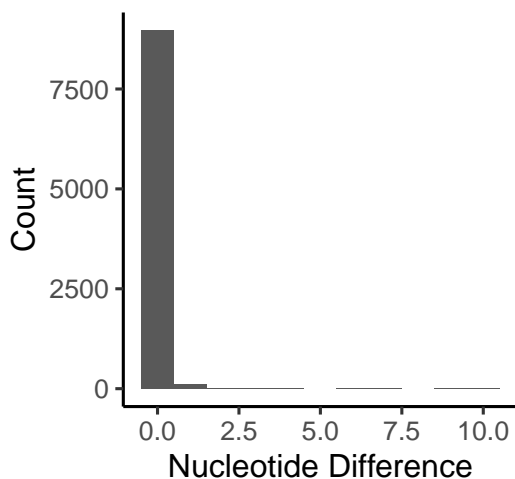
TRBV16*ap01

127 sequences assigned
127 (100%) exact matches, in which:
126 unique CDR3
13 unique J



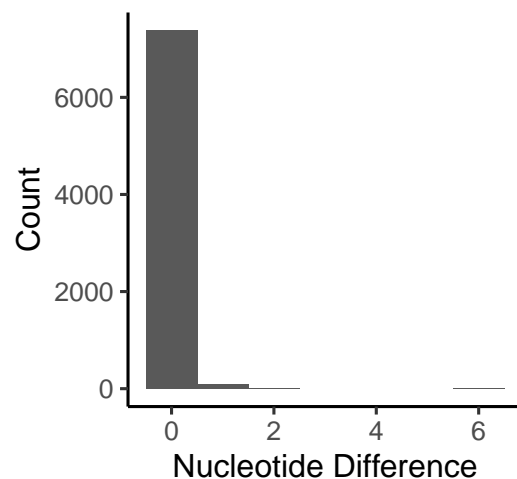
TRBV19*ap01

9102 sequences assigned
8966 (98.5%) exact matches, in which:
8792 unique CDR3
13 unique J



TRBV28*ap01

7472 sequences assigned
7379 (98.8%) exact matches, in which:
7160 unique CDR3
13 unique J



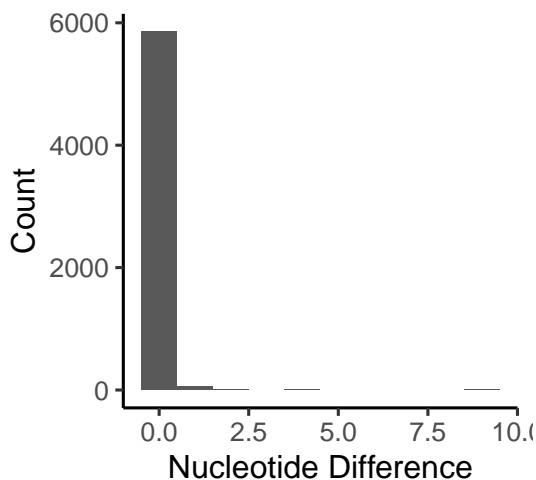
TRBV17*ap01

1 sequences assigned
No exact matches.



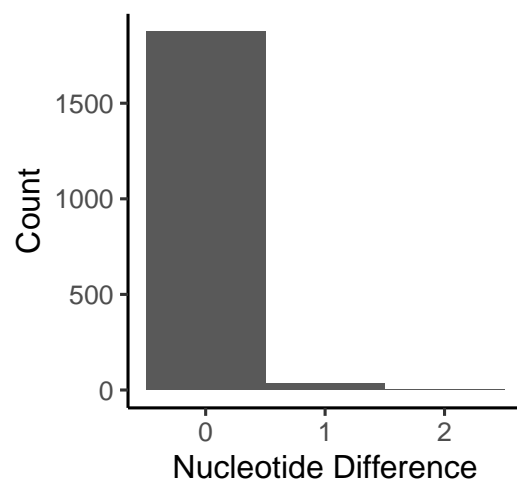
TRBV2*ap01

5923 sequences assigned
5854 (98.8%) exact matches, in which:
5740 unique CDR3
13 unique J



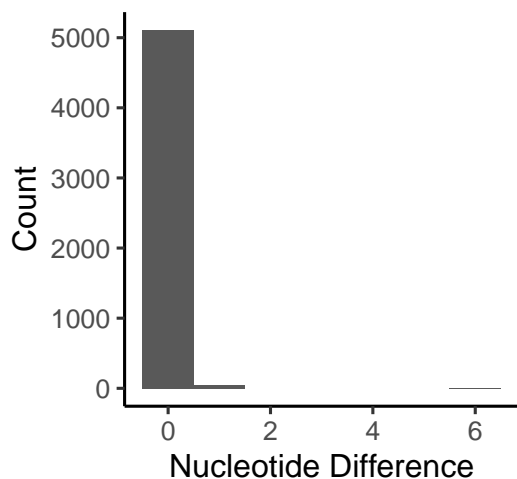
TRBV30*ap01

1907 sequences assigned
1874 (98.3%) exact matches, in which:
1846 unique CDR3
13 unique J



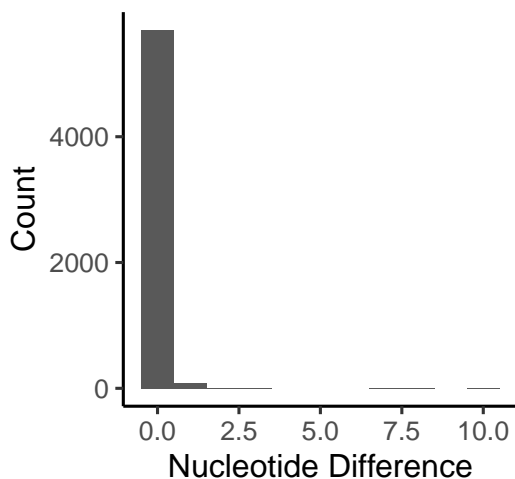
TRBV18*ap01

5153 sequences assigned
5109 (99.1%) exact matches, in which:
5001 unique CDR3
13 unique J



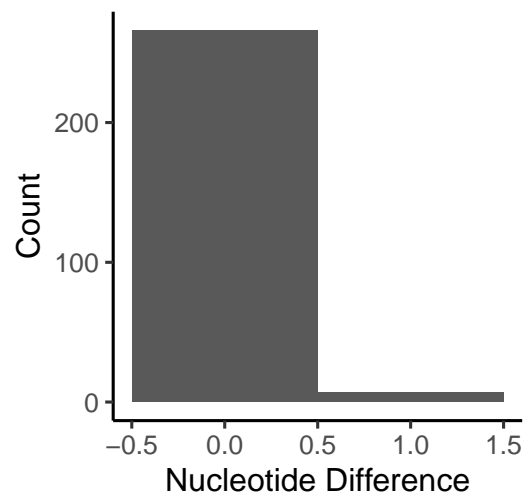
TRBV27*ap01

5784 sequences assigned
5696 (98.5%) exact matches, in which:
5525 unique CDR3
13 unique J



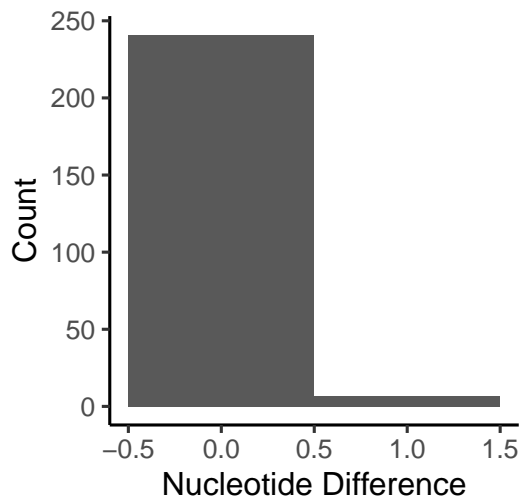
TRBV30*ap02

273 sequences assigned
266 (97.4%) exact matches, in which:
265 unique CDR3
13 unique J



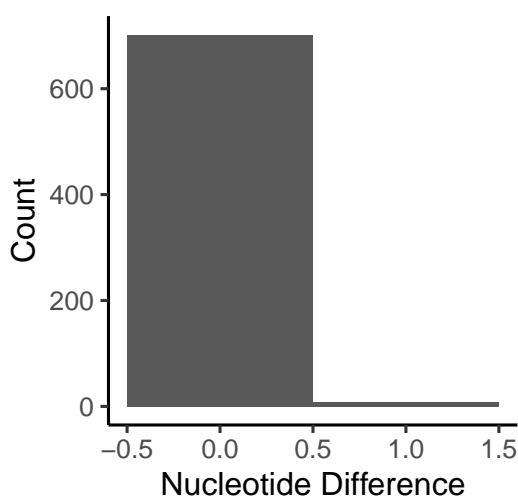
TRBV30*ap03

248 sequences assigned
241 (97.2%) exact matches, in which:
237 unique CDR3
13 unique J



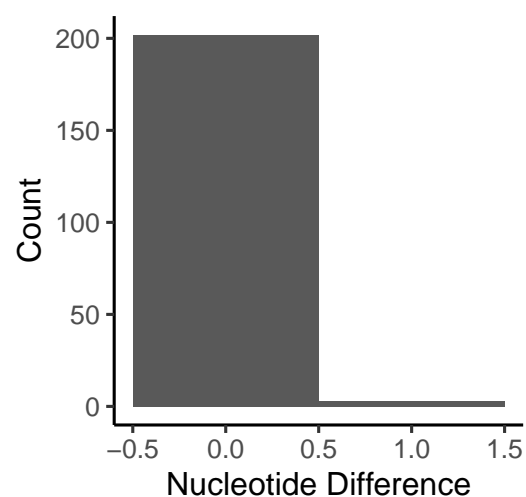
TRBV11-1*ap01

711 sequences assigned
702 (98.7%) exact matches, in which:
668 unique CDR3
13 unique J



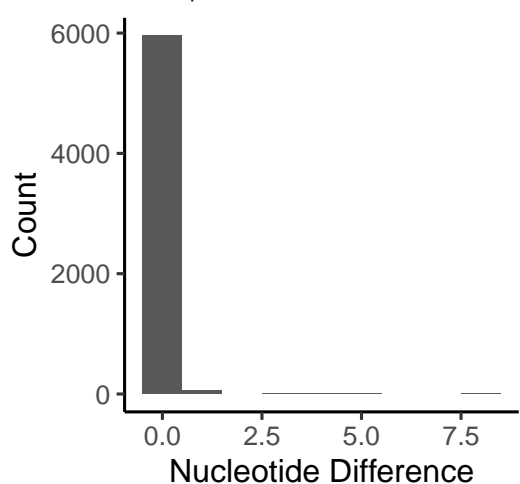
TRBV12-1*ap01

205 sequences assigned
202 (98.5%) exact matches, in which:
196 unique CDR3
13 unique J



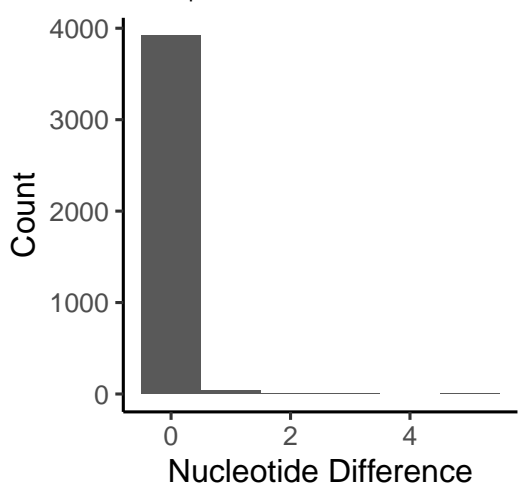
TRBV9*ap01

6026 sequences assigned
5956 (98.8%) exact matches, in which:
5798 unique CDR3
13 unique J



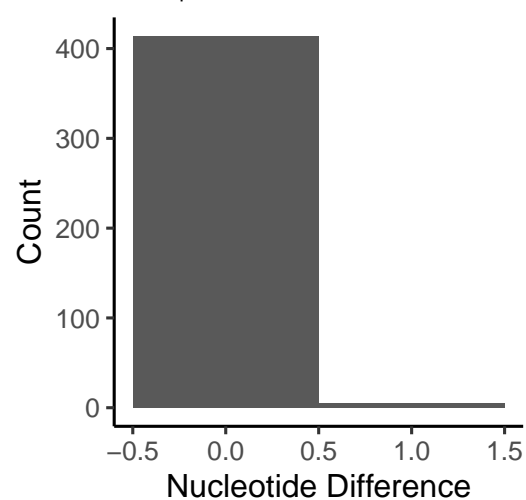
TRBV11-2*ap01

3960 sequences assigned
3918 (98.9%) exact matches, in which:
3802 unique CDR3
13 unique J



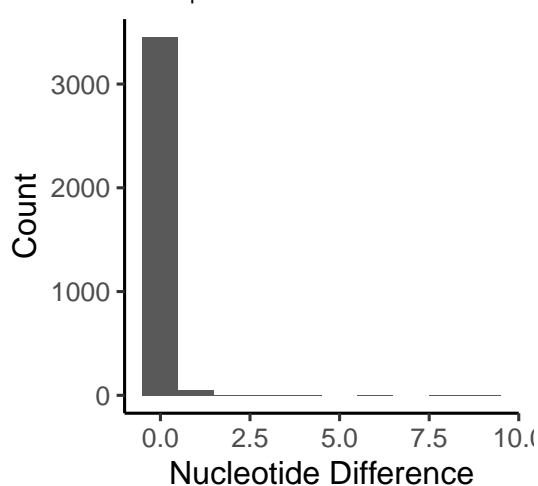
TRBV12-2*ap01

419 sequences assigned
414 (98.8%) exact matches, in which:
401 unique CDR3
13 unique J



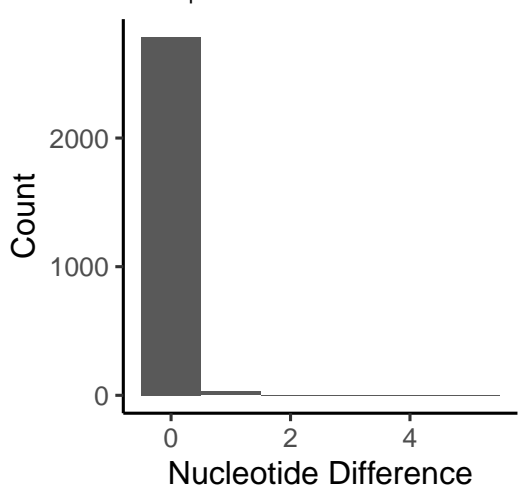
TRBV21-1*ap01

3517 sequences assigned
3453 (98.2%) exact matches, in which:
3340 unique CDR3
13 unique J



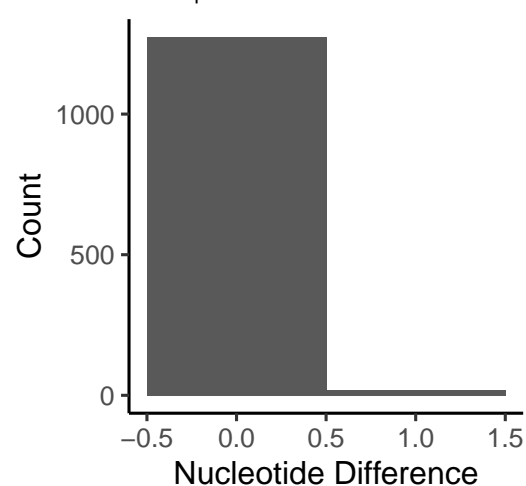
TRBV11-3*ap01

2819 sequences assigned
2785 (98.8%) exact matches, in which:
2699 unique CDR3
13 unique J



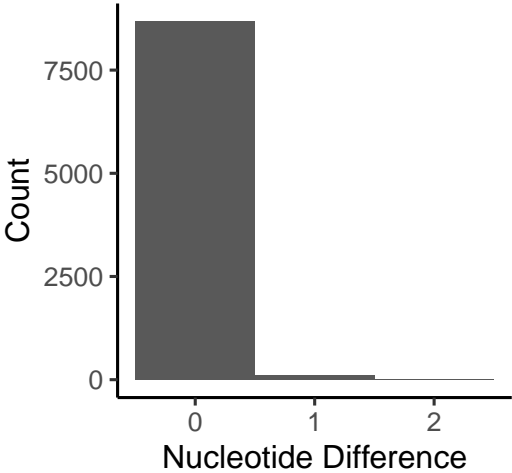
TRBV12-5*ap01

1294 sequences assigned
1274 (98.5%) exact matches, in which:
1229 unique CDR3
13 unique J



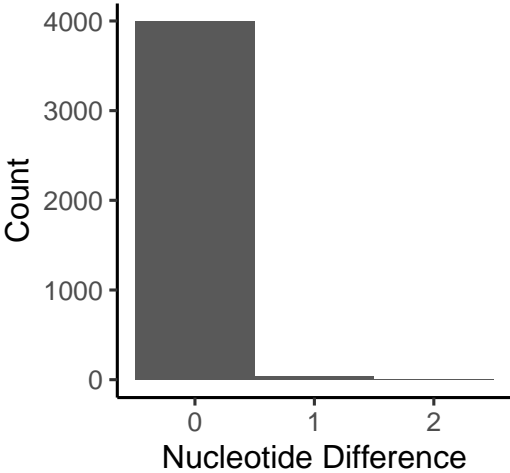
TRBV12-34*ap01

8809 sequences assigned
8680 (98.5%) exact matches, in which:
8477 unique CDR3
13 unique J



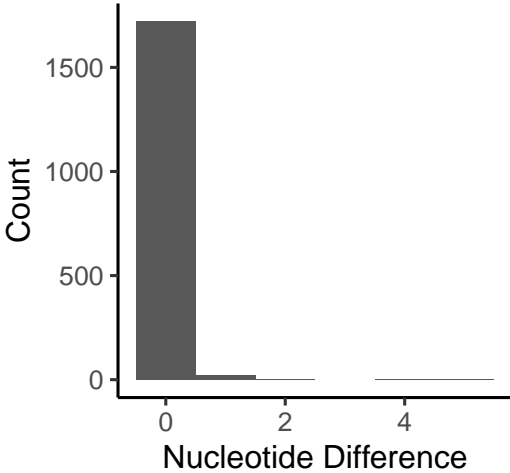
TRBV4-1*ap01

4039 sequences assigned
3995 (98.9%) exact matches, in which:
3889 unique CDR3
13 unique J



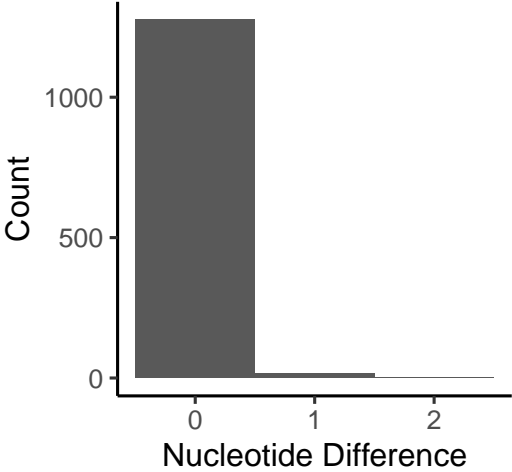
TRBV25-1*ap01

1745 sequences assigned
1721 (98.6%) exact matches, in which:
1694 unique CDR3
13 unique J



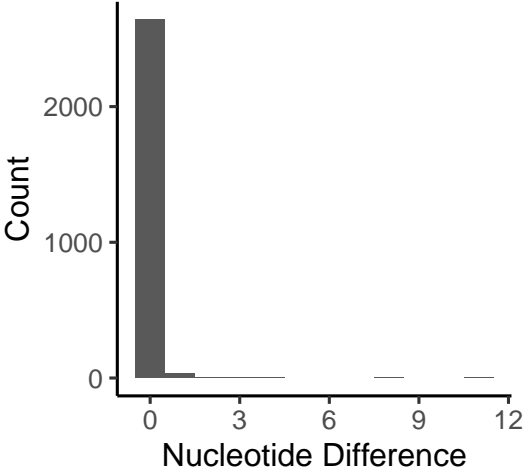
TRBV23-1*ap01

1292 sequences assigned
1276 (98.8%) exact matches, in which:
1228 unique CDR3
13 unique J



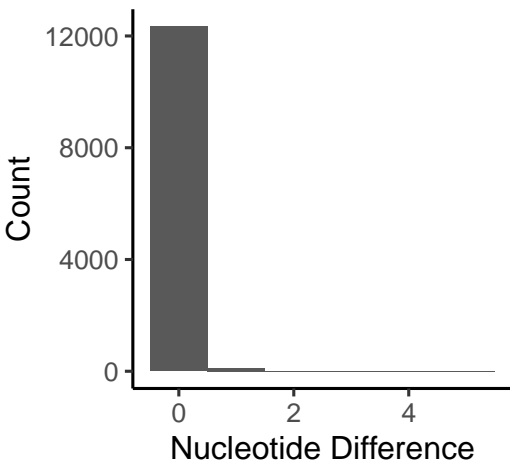
TRBV24-1*ap01

2681 sequences assigned
2640 (98.5%) exact matches, in which:
2594 unique CDR3
13 unique J



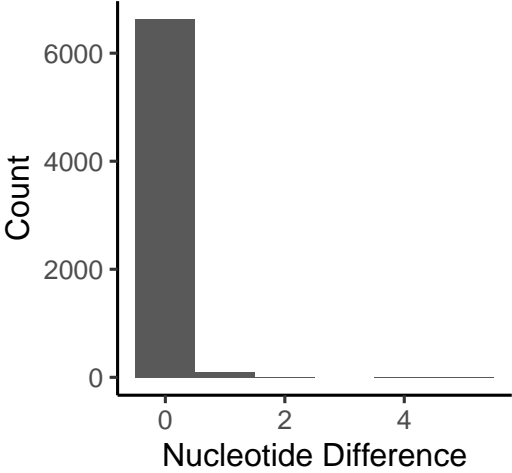
TRBV5-1*ap01

12473 sequences assigned
12340 (98.9%) exact matches, in which:
11940 unique CDR3
13 unique J



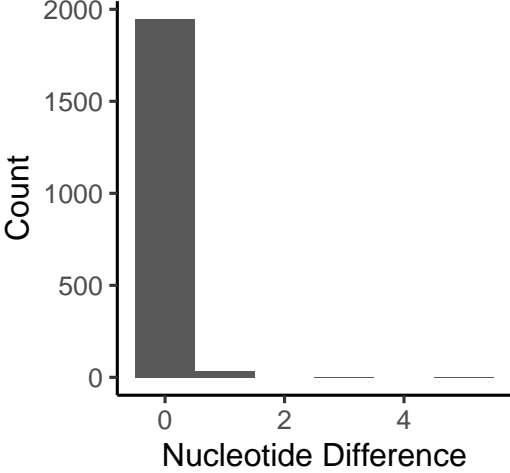
TRBV3-12*ap01

6730 sequences assigned
6632 (98.5%) exact matches, in which:
6474 unique CDR3
13 unique J



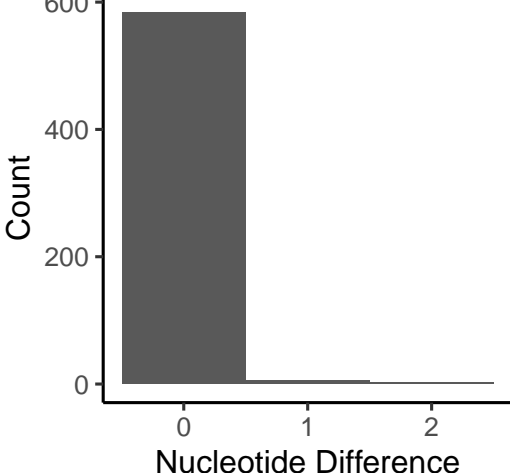
TRBV4-2*ap01

1985 sequences assigned
1947 (98.1%) exact matches, in which:
1892 unique CDR3
13 unique J



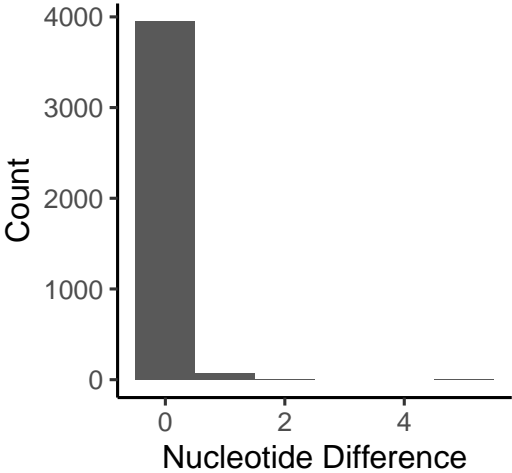
TRBV5-3*ap01

592 sequences assigned
584 (98.6%) exact matches, in which:
562 unique CDR3
13 unique J



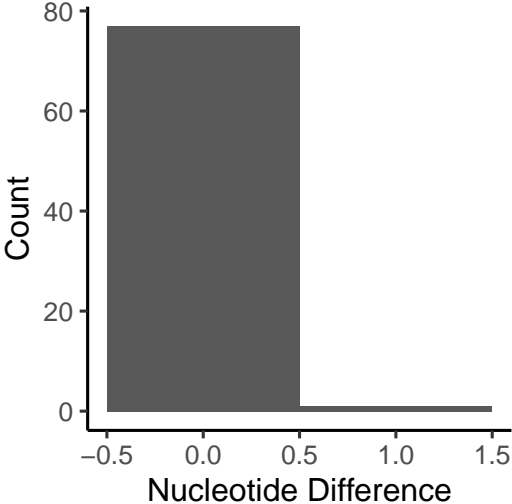
TRBV5-4*ap01

4025 sequences assigned
3950 (98.1%) exact matches, in which:
3836 unique CDR3
13 unique J



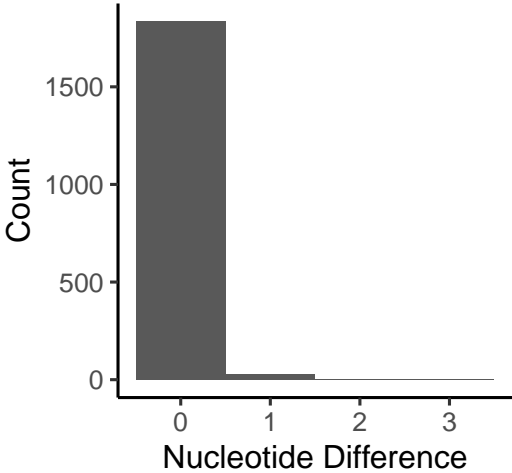
TRBV5-7*ap01

78 sequences assigned
77 (98.7%) exact matches, in which:
76 unique CDR3
13 unique J



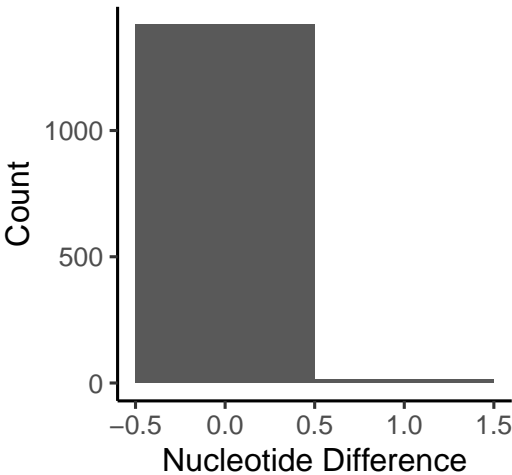
TRBV6-4*ap01

1865 sequences assigned
1835 (98.4%) exact matches, in which:
1781 unique CDR3
13 unique J



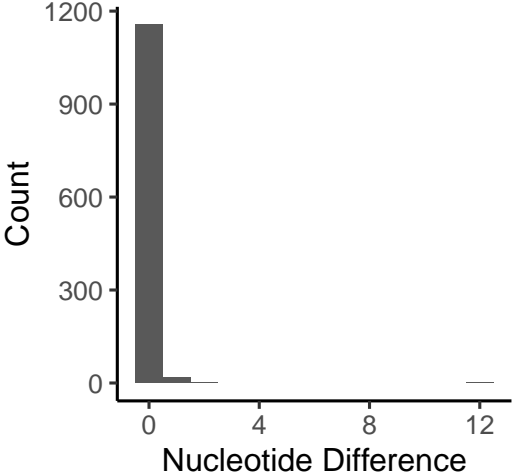
TRBV5-5*ap01

1434 sequences assigned
1419 (99%) exact matches, in which:
1385 unique CDR3
13 unique J



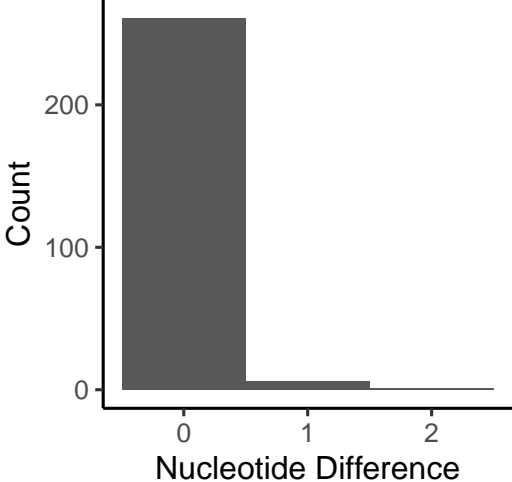
TRBV5-8*ap01

1178 sequences assigned
1156 (98.1%) exact matches, in which:
1126 unique CDR3
13 unique J



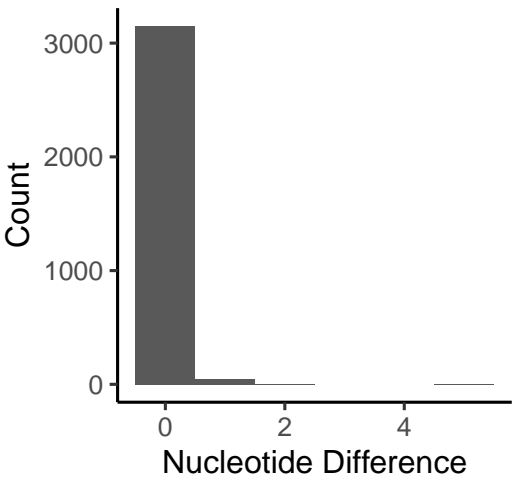
TRBV6-7*ap01

268 sequences assigned
261 (97.4%) exact matches, in which:
251 unique CDR3
13 unique J



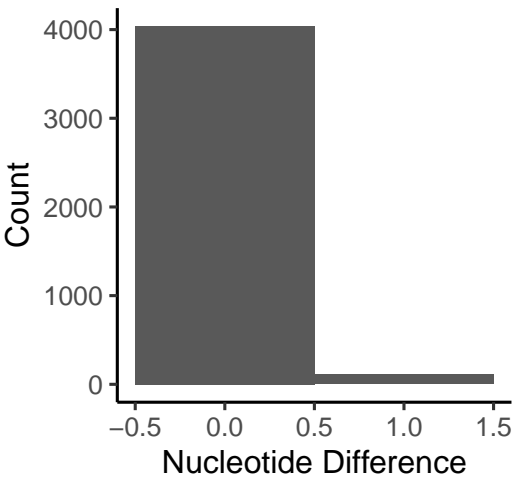
TRBV5-6*ap01

3200 sequences assigned
3150 (98.4%) exact matches, in which:
3062 unique CDR3
13 unique J



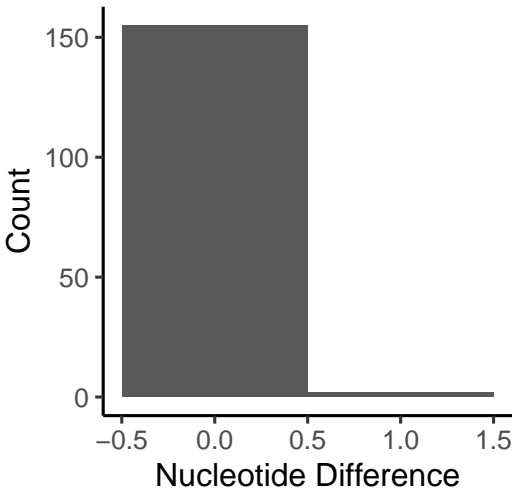
TRBV6-1*ap01

4150 sequences assigned
4040 (97.3%) exact matches, in which:
3937 unique CDR3
13 unique J



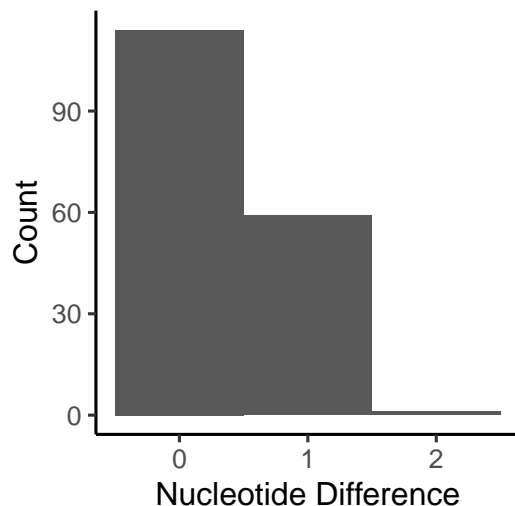
TRBV6-8*ap01

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



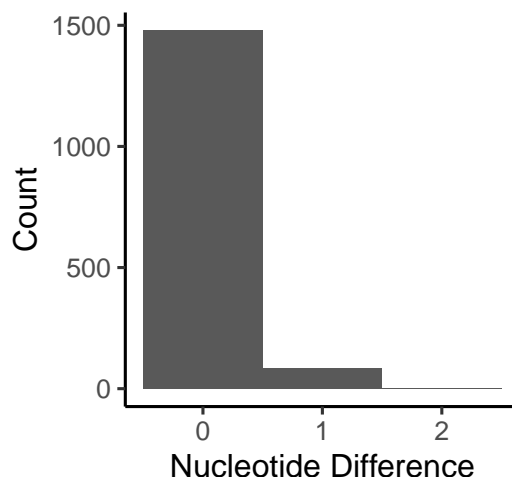
TRBV6–9*ap01

174 sequences assigned
114 (65.5%) exact matches, in which:
113 unique CDR3
13 unique J



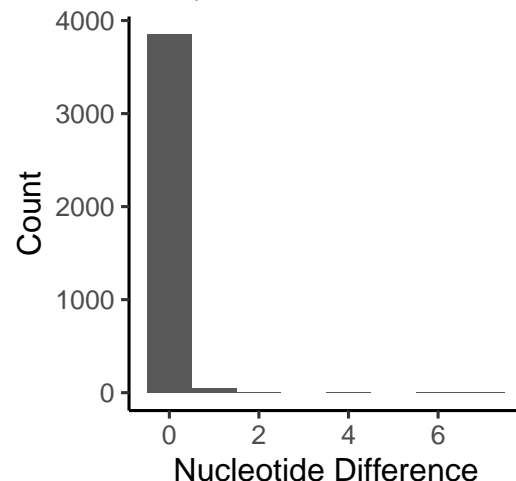
TRBV6–56*ap02

1564 sequences assigned
1479 (94.6%) exact matches, in which:
1452 unique CDR3
13 unique J



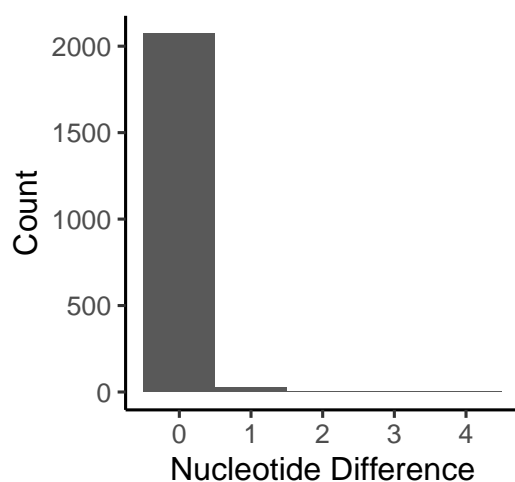
TRBV7–3*ap01

3902 sequences assigned
3851 (98.7%) exact matches, in which:
3751 unique CDR3
13 unique J



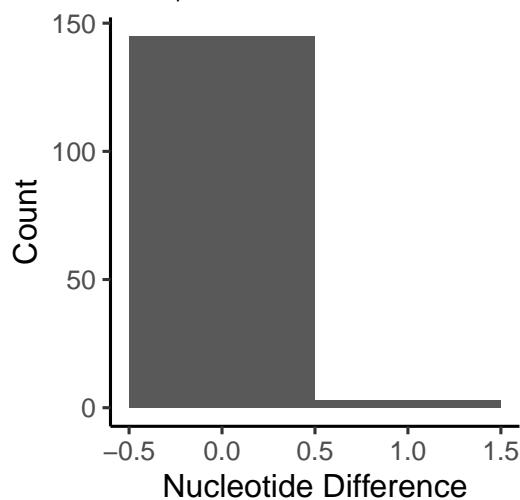
TRBV6–23*ap01

2104 sequences assigned
2072 (98.5%) exact matches, in which:
2024 unique CDR3
13 unique J



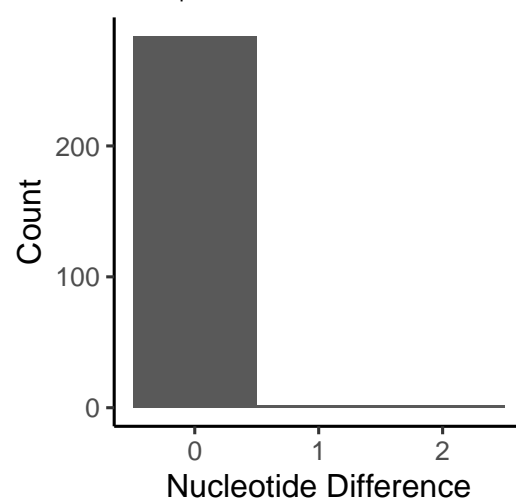
TRBV7–1*ap01_G291C_

148 sequences assigned
145 (98%) exact matches, in which:
140 unique CDR3
13 unique J



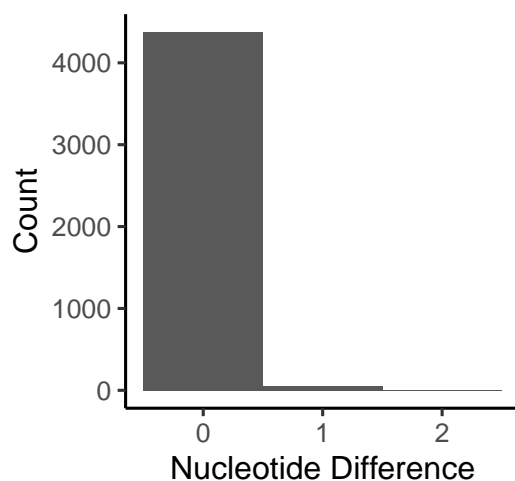
TRBV7–4*ap01

288 sequences assigned
284 (98.6%) exact matches, in which:
280 unique CDR3
13 unique J



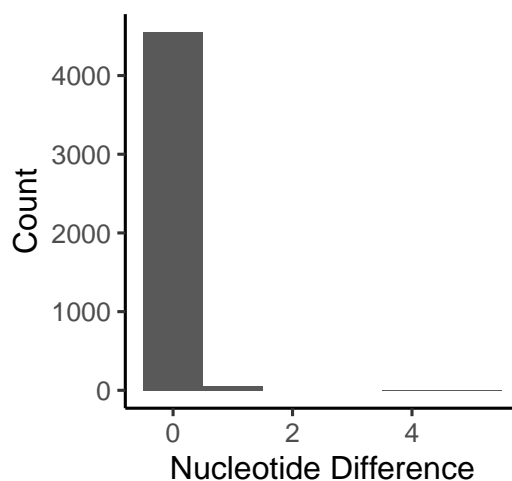
TRBV6–56*ap01

4436 sequences assigned
4376 (98.6%) exact matches, in which:
4251 unique CDR3
13 unique J



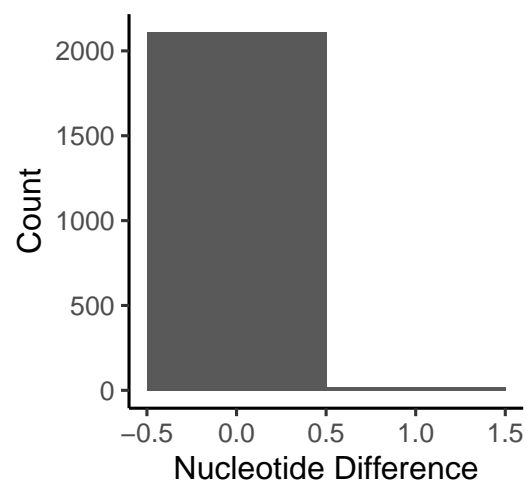
TRBV7–2*ap01

4612 sequences assigned
4553 (98.7%) exact matches, in which:
4413 unique CDR3
13 unique J



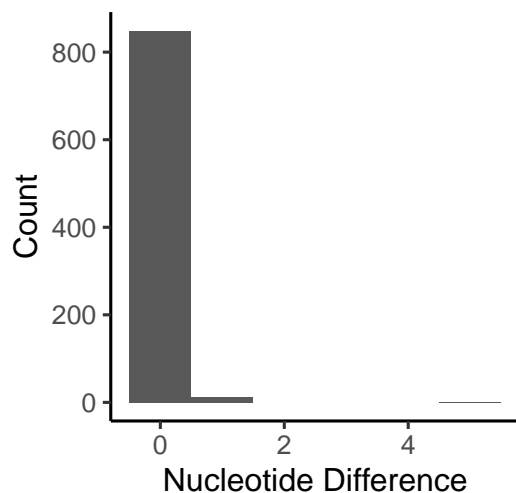
TRBV7–6*ap01

2129 sequences assigned
2111 (99.2%) exact matches, in which:
2053 unique CDR3
13 unique J



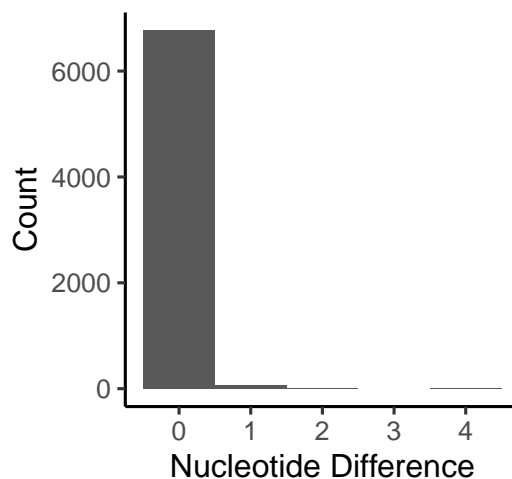
TRBV7-7*ap01_C315T

862 sequences assigned
849 (98.5%) exact matches, in which:
829 unique CDR3
13 unique J



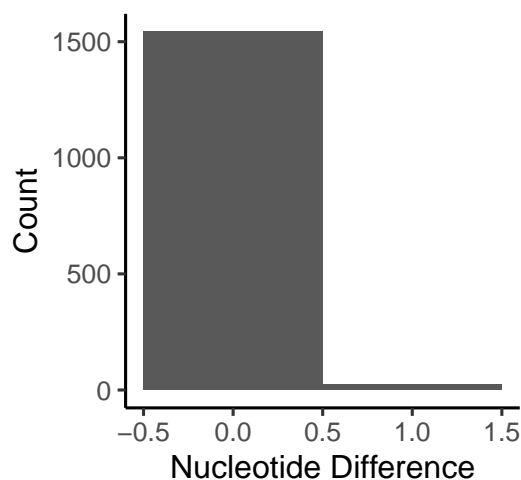
TRBV7-9*ap01

6831 sequences assigned
6768 (99.1%) exact matches, in which:
6637 unique CDR3
13 unique J



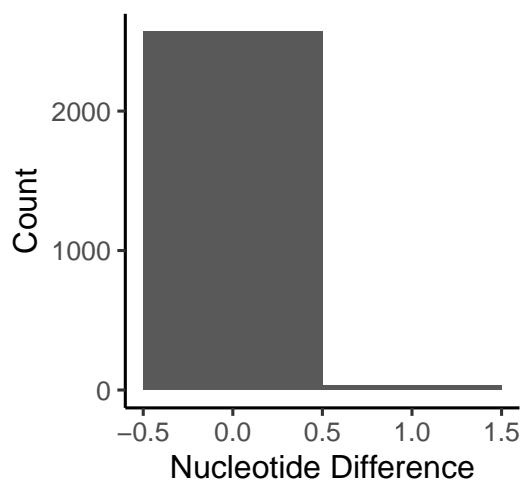
TRBV7-8*ap01

1568 sequences assigned
1543 (98.4%) exact matches, in which:
1498 unique CDR3
13 unique J



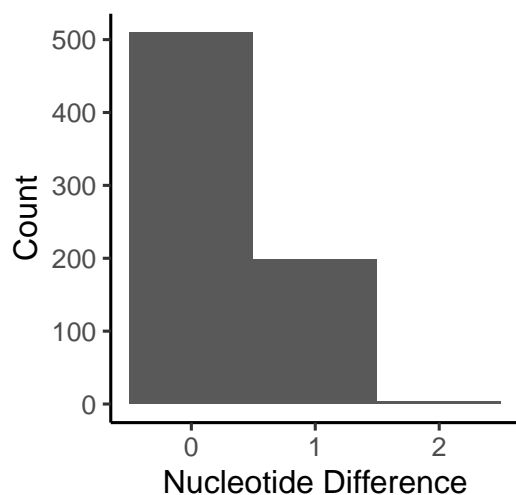
TRBV29-1*ap01

2598 sequences assigned
2569 (98.9%) exact matches, in which:
2511 unique CDR3
13 unique J



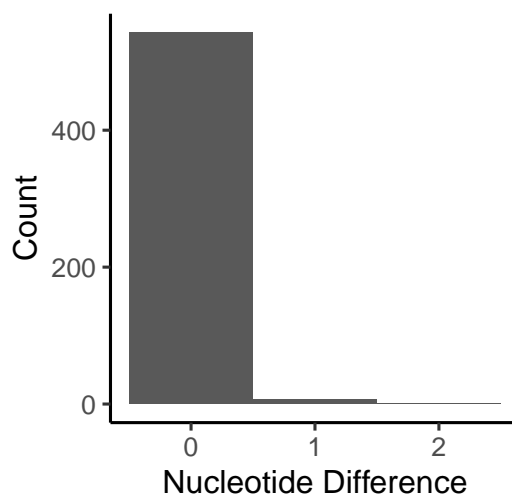
TRBV7-8*ap03

712 sequences assigned
510 (71.6%) exact matches, in which:
488 unique CDR3
13 unique J

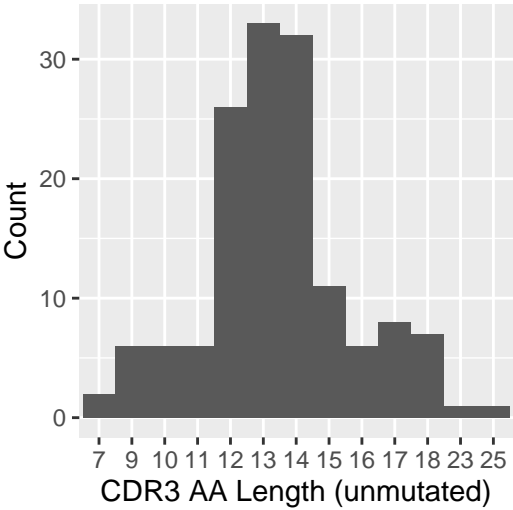


TRBV29-1*ap02

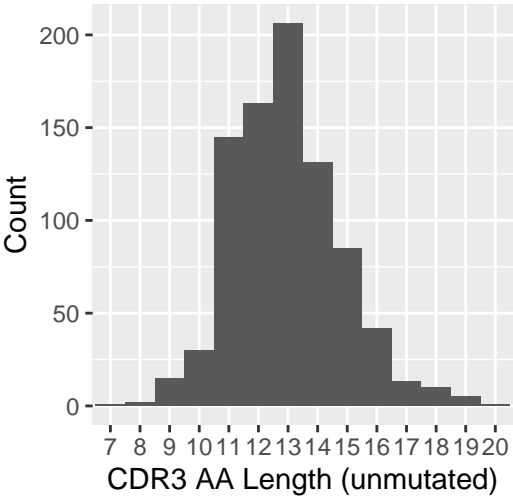
550 sequences assigned
543 (98.7%) exact matches, in which:
526 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.