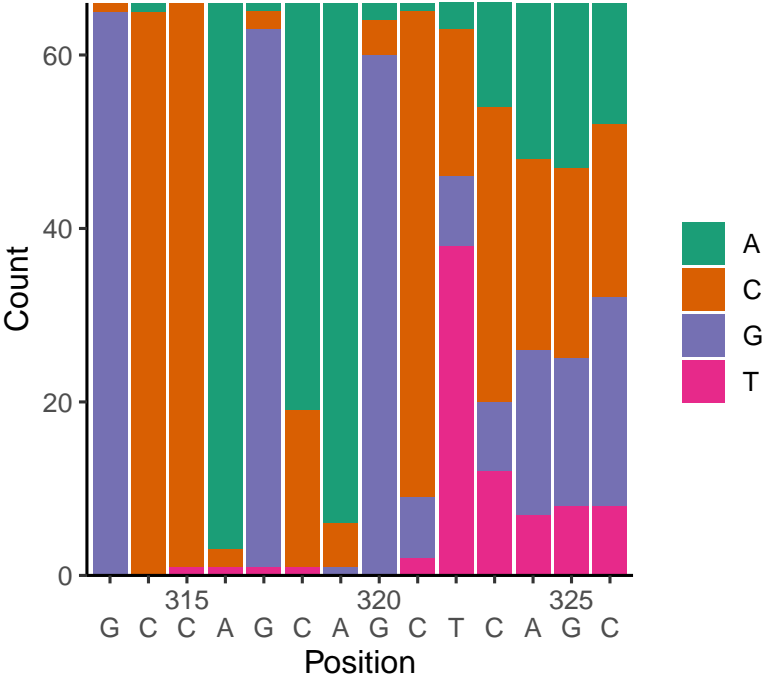


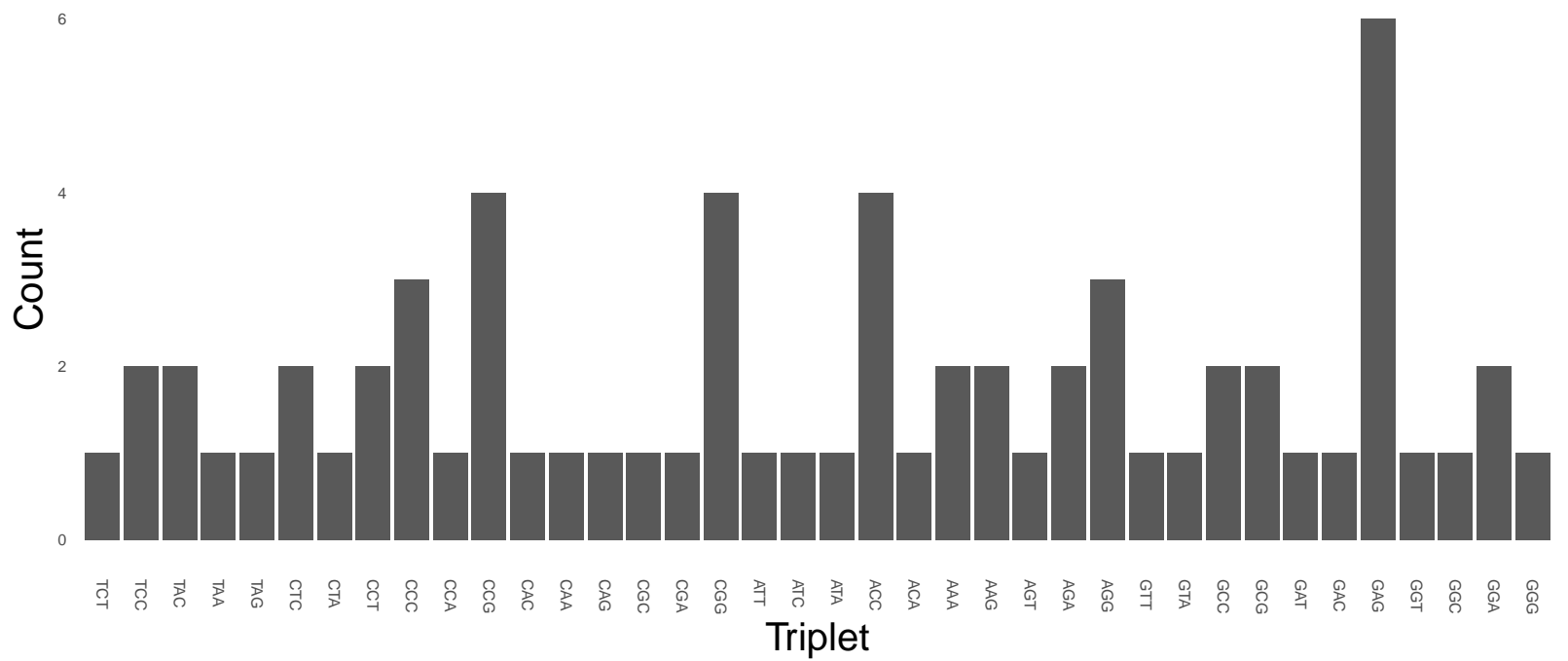
Gene TRBV7-1*ap01_T296C



Gene TRBV7-1*ap01_T296C

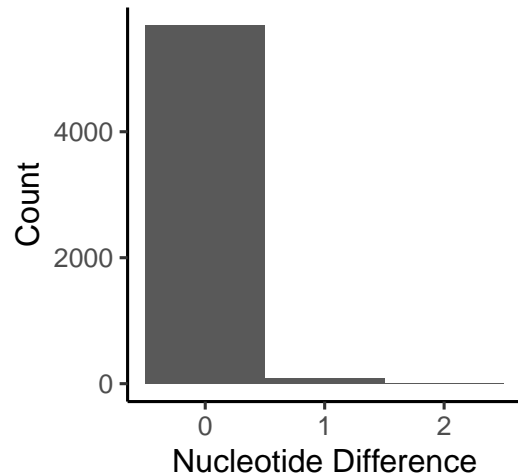


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



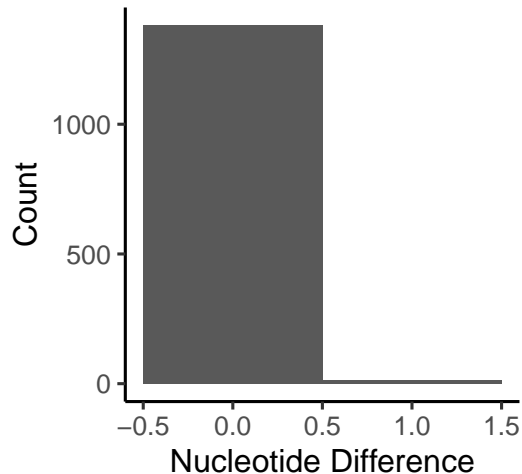
TRBV20-1*ap01

5770 sequences assigned
5688 (98.6%) exact matches, in which:
5512 unique CDR3
13 unique J



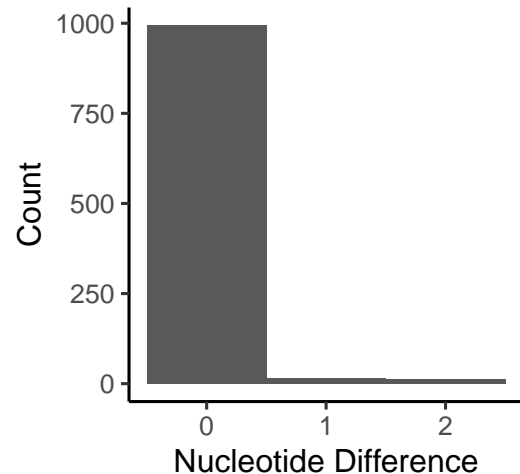
TRBV10-2*ap01

1396 sequences assigned
1381 (98.9%) exact matches, in which:
1327 unique CDR3
13 unique J



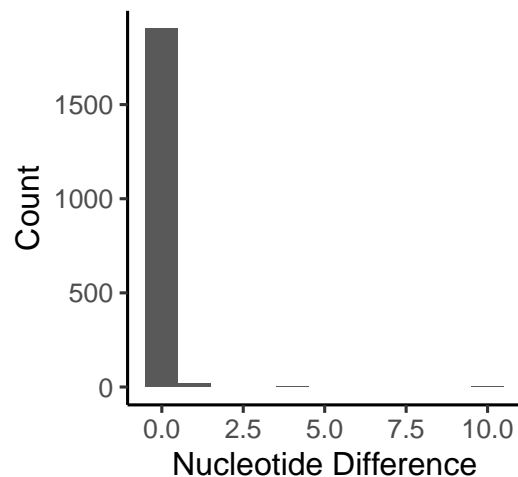
TRBV13*ap01

1023 sequences assigned
994 (97.2%) exact matches, in which:
962 unique CDR3
13 unique J



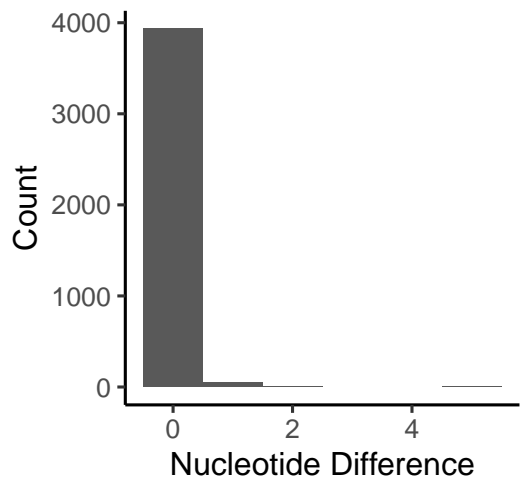
TRBV10-1*ap01

1926 sequences assigned
1903 (98.8%) exact matches, in which:
1811 unique CDR3
13 unique J



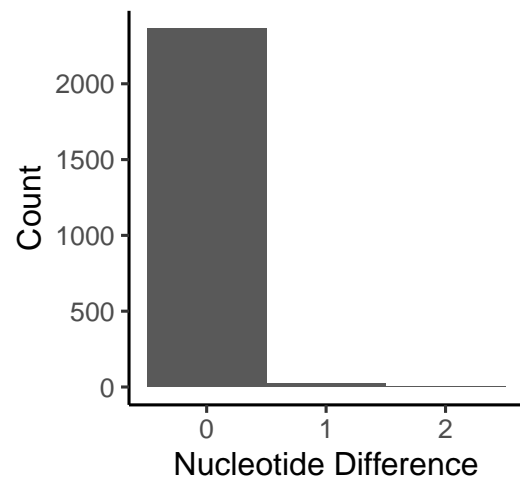
TRBV10-3*ap01

3983 sequences assigned
3934 (98.8%) exact matches, in which:
3817 unique CDR3
13 unique J



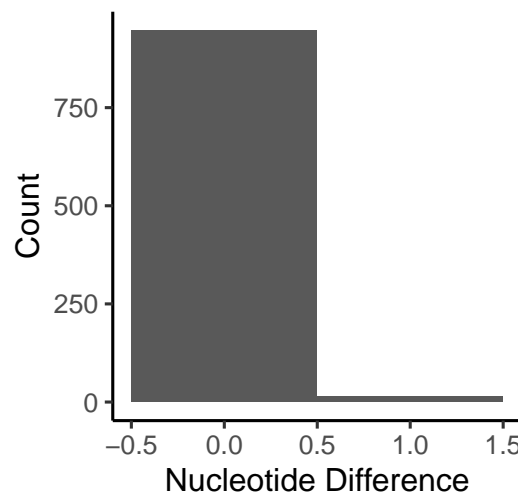
TRBV14*ap01

2390 sequences assigned
2363 (98.9%) exact matches, in which:
2286 unique CDR3
13 unique J



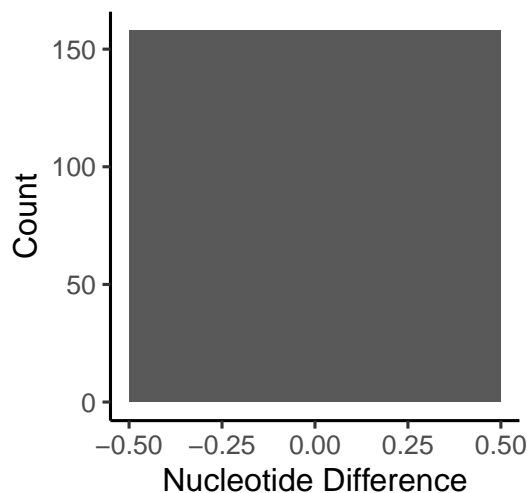
TRBV20-1*ap02

961 sequences assigned
947 (98.5%) exact matches, in which:
919 unique CDR3
13 unique J



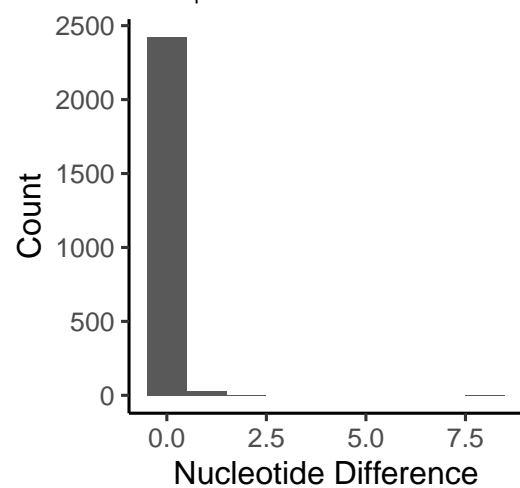
TRBV1*ap01

158 sequences assigned
158 (100%) exact matches, in which:
155 unique CDR3
13 unique J



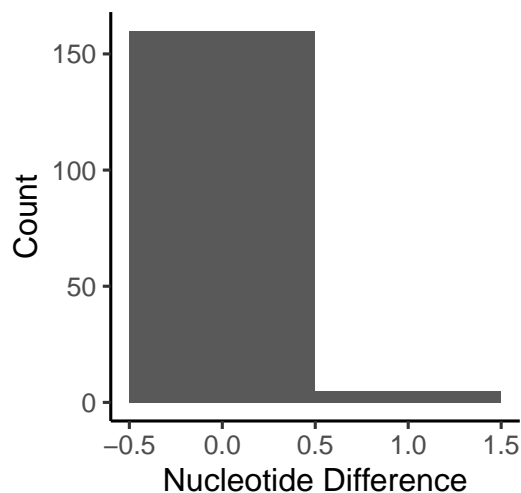
TRBV15*ap02

2453 sequences assigned
2423 (98.8%) exact matches, in which:
2340 unique CDR3
13 unique J



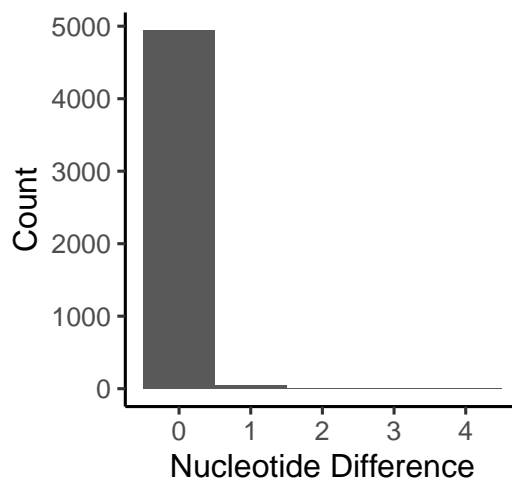
TRBV16*ap01

165 sequences assigned
160 (97%) exact matches, in which:
156 unique CDR3
13 unique J



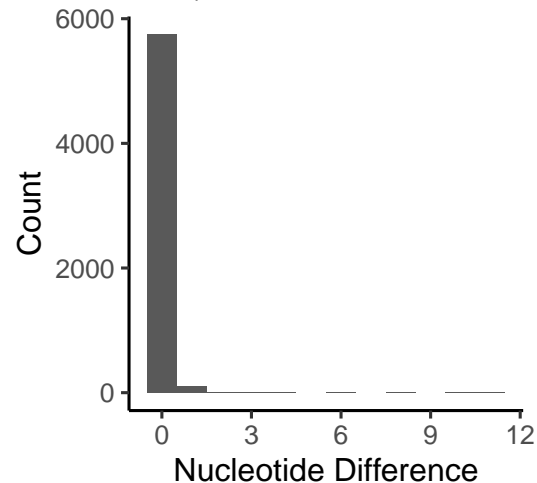
TRBV2*ap01

5000 sequences assigned
4942 (98.8%) exact matches, in which:
4793 unique CDR3
13 unique J



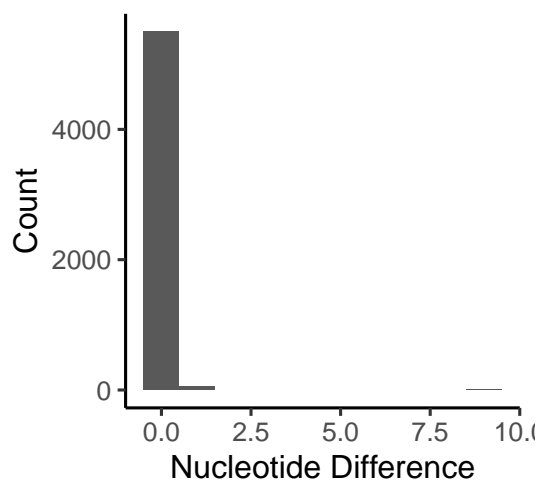
TRBV30*ap01

5863 sequences assigned
5748 (98%) exact matches, in which:
5636 unique CDR3
13 unique J



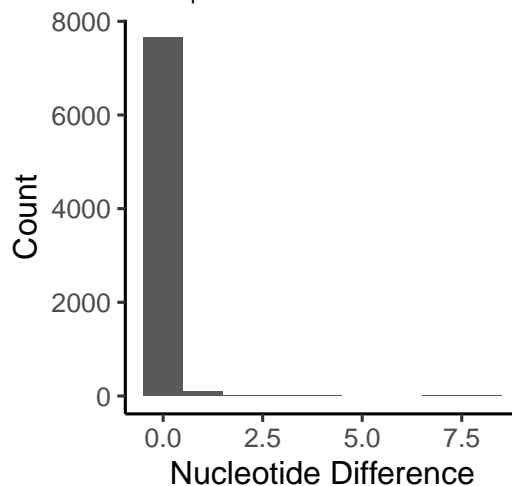
TRBV18*ap01

5556 sequences assigned
5499 (99%) exact matches, in which:
5340 unique CDR3
13 unique J



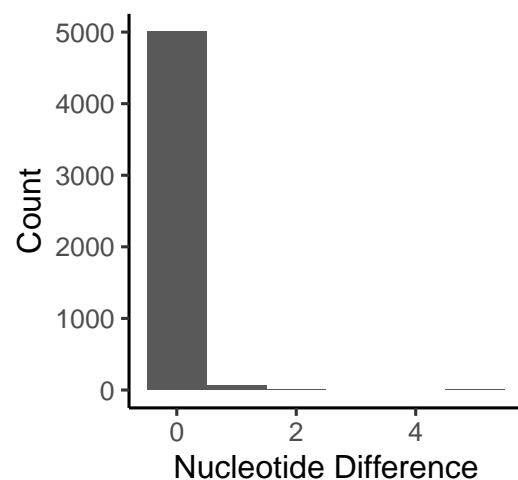
TRBV27*ap01

7747 sequences assigned
7649 (98.7%) exact matches, in which:
7382 unique CDR3
13 unique J



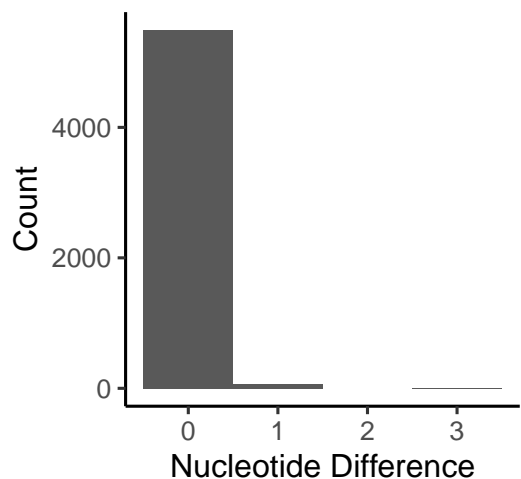
TRBV9*ap01

5066 sequences assigned
5005 (98.8%) exact matches, in which:
4829 unique CDR3
13 unique J



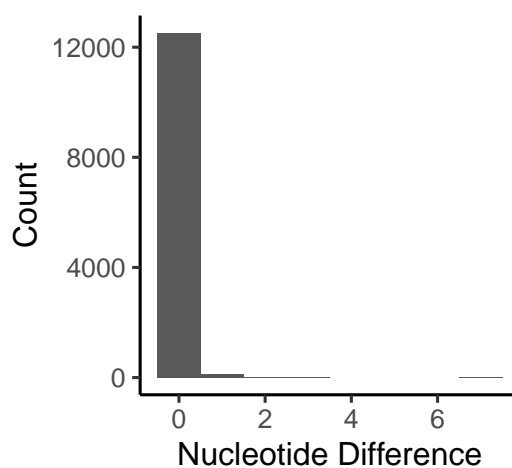
TRBV19*ap01

5557 sequences assigned
5492 (98.8%) exact matches, in which:
5365 unique CDR3
13 unique J



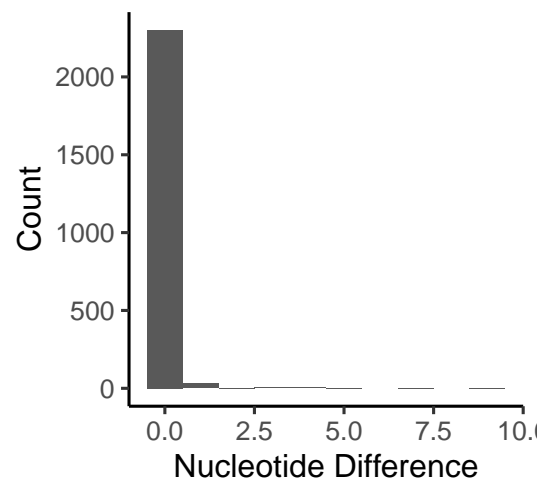
TRBV28*ap01

12662 sequences assigned
12523 (98.9%) exact matches, in which:
12132 unique CDR3
13 unique J



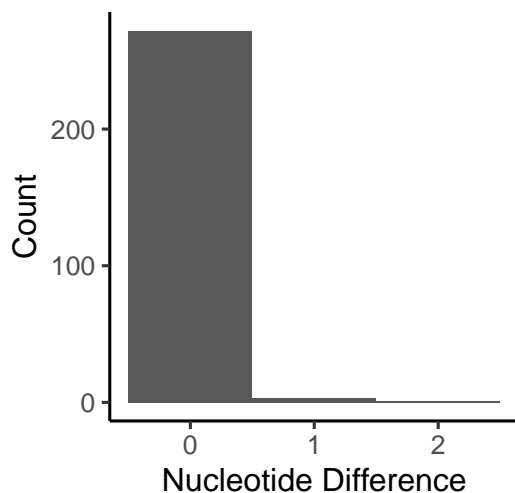
TRBV21-1*ap01

2348 sequences assigned
2301 (98%) exact matches, in which:
2242 unique CDR3
13 unique J



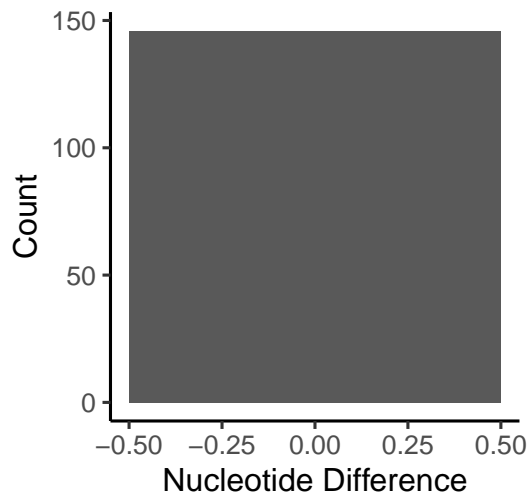
TRBV11-1*ap01

276 sequences assigned
272 (98.6%) exact matches, in which:
268 unique CDR3
13 unique J



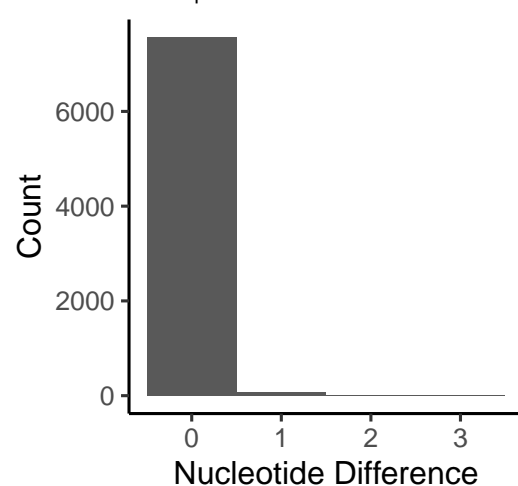
TRBV12-1*ap01

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



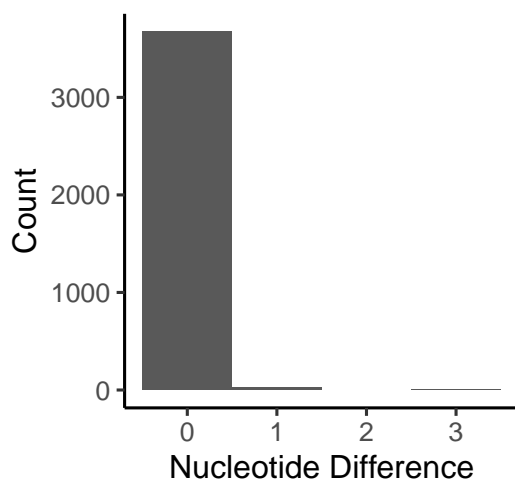
TRBV12-34*ap01

7642 sequences assigned
7562 (99%) exact matches, in which:
7332 unique CDR3
13 unique J



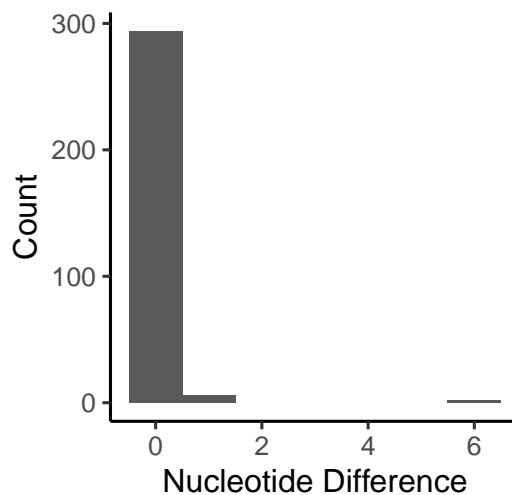
TRBV11-2*ap01

3697 sequences assigned
3673 (99.4%) exact matches, in which:
3583 unique CDR3
13 unique J



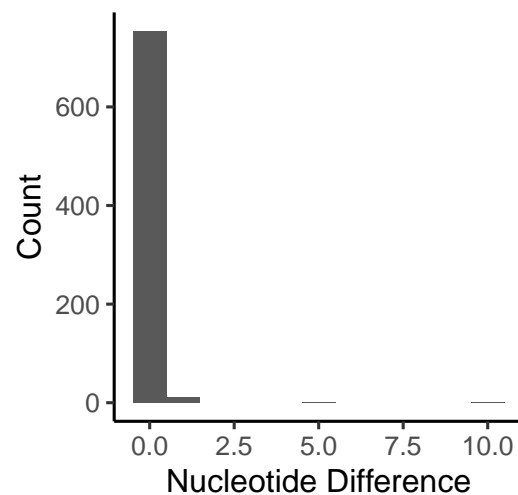
TRBV12-2*ap01

302 sequences assigned
294 (97.4%) exact matches, in which:
282 unique CDR3
13 unique J



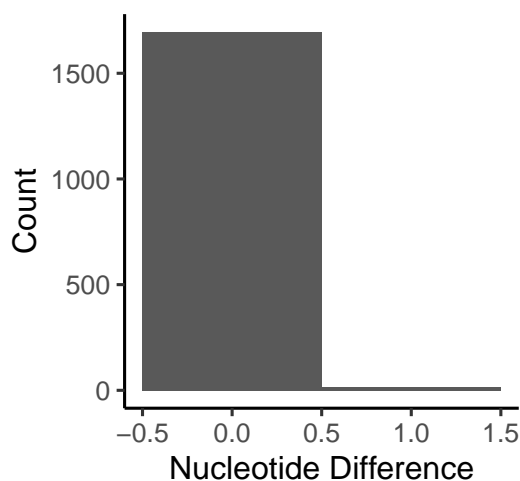
TRBV23-1*ap01

767 sequences assigned
754 (98.3%) exact matches, in which:
730 unique CDR3
13 unique J



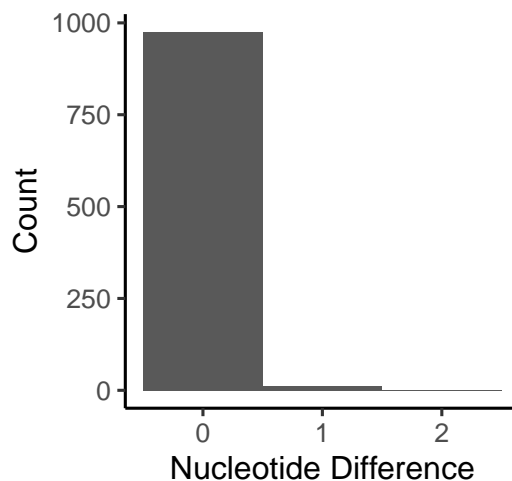
TRBV11-3*ap01

1711 sequences assigned
1695 (99.1%) exact matches, in which:
1661 unique CDR3
13 unique J



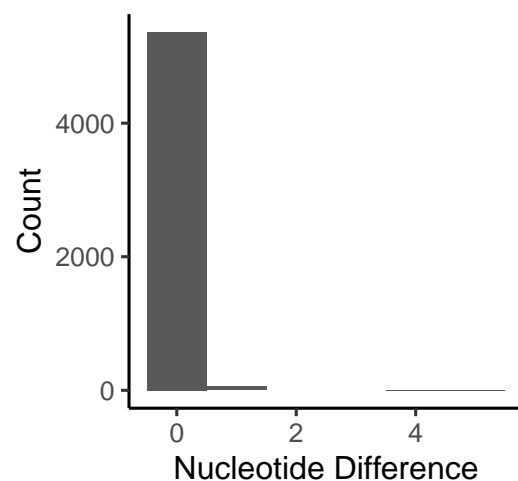
TRBV12-5*ap01

987 sequences assigned
975 (98.8%) exact matches, in which:
941 unique CDR3
13 unique J



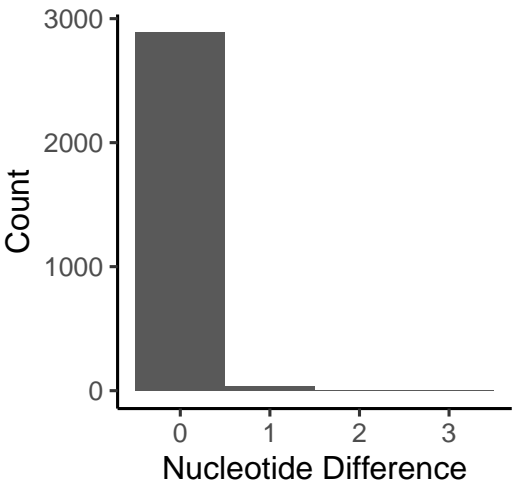
TRBV3-12*ap01

5422 sequences assigned
5364 (98.9%) exact matches, in which:
5211 unique CDR3
13 unique J



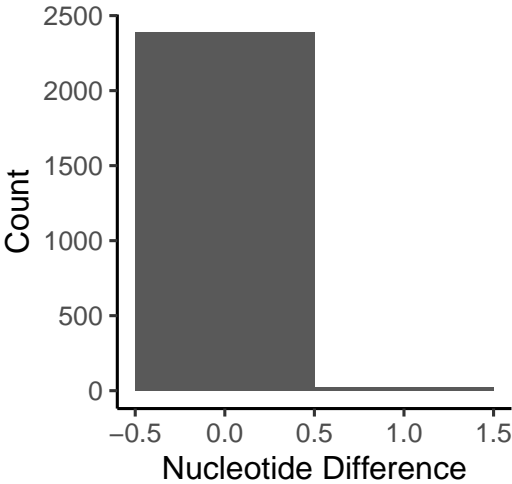
TRBV4-1*ap01

2926 sequences assigned
2889 (98.7%) exact matches, in which:
2809 unique CDR3
13 unique J



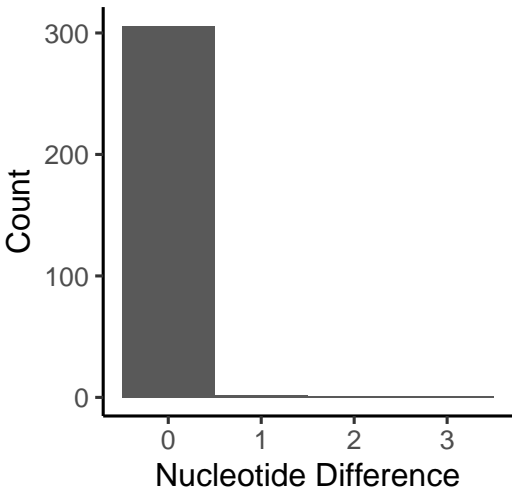
TRBV4-3*ap01

2412 sequences assigned
2388 (99%) exact matches, in which:
2328 unique CDR3
13 unique J



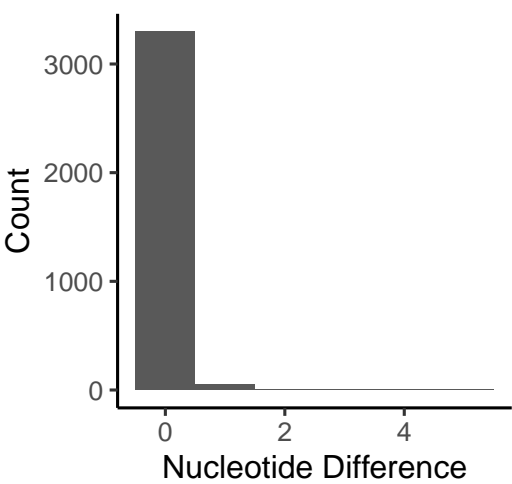
TRBV5-3*ap01

310 sequences assigned
306 (98.7%) exact matches, in which:
288 unique CDR3
13 unique J



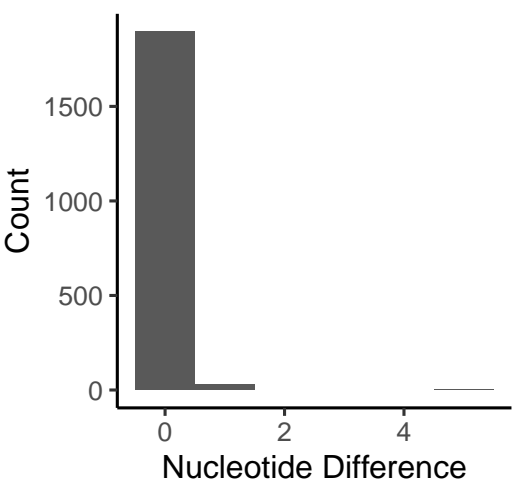
TRBV24-1*ap01

3355 sequences assigned
3297 (98.3%) exact matches, in which:
3223 unique CDR3
13 unique J



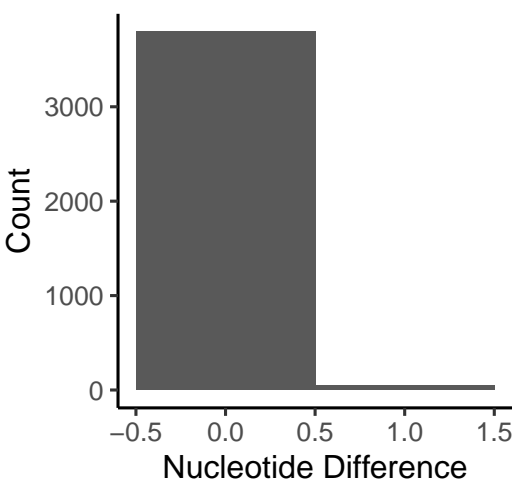
TRBV25-1*ap01

1927 sequences assigned
1895 (98.3%) exact matches, in which:
1836 unique CDR3
13 unique J



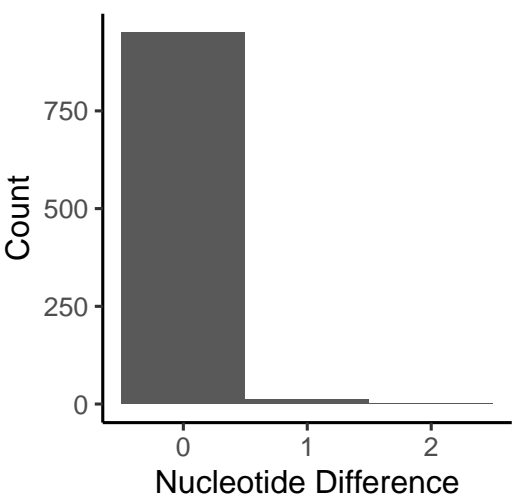
TRBV5-4*ap01

3840 sequences assigned
3795 (98.8%) exact matches, in which:
3670 unique CDR3
13 unique J



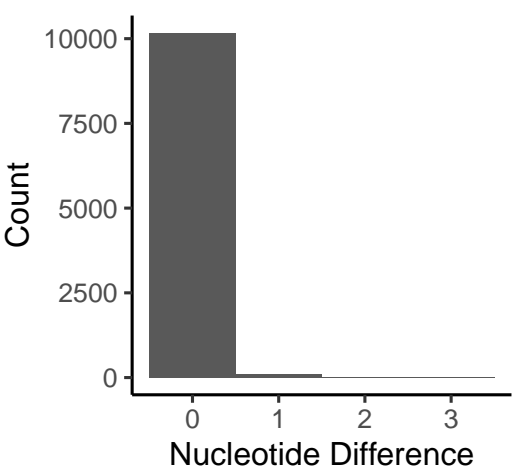
TRBV4-2*ap01

964 sequences assigned
951 (98.7%) exact matches, in which:
926 unique CDR3
13 unique J



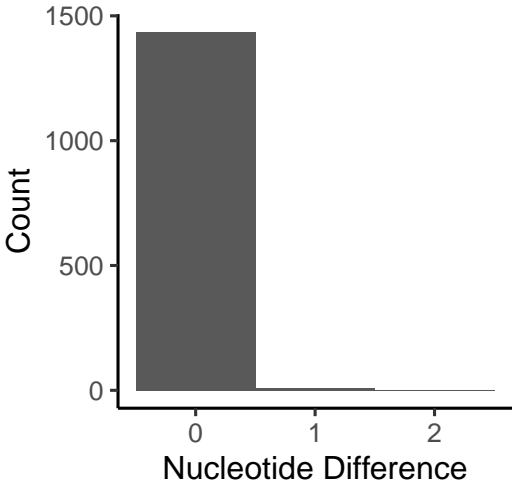
TRBV5-1*ap01

10265 sequences assigned
10173 (99.1%) exact matches, in which:
9786 unique CDR3
13 unique J



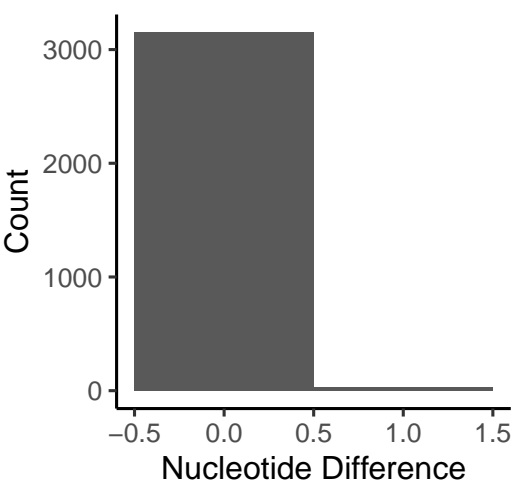
TRBV5-5*ap01

1445 sequences assigned
1435 (99.3%) exact matches, in which:
1403 unique CDR3
13 unique J



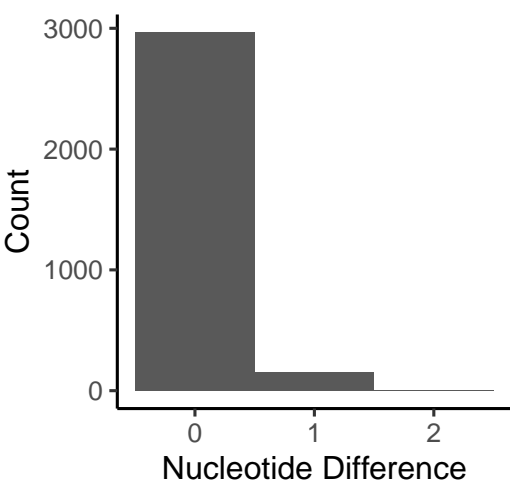
TRBV5-6*ap01

3182 sequences assigned
3151 (99%) exact matches, in which:
3045 unique CDR3
13 unique J



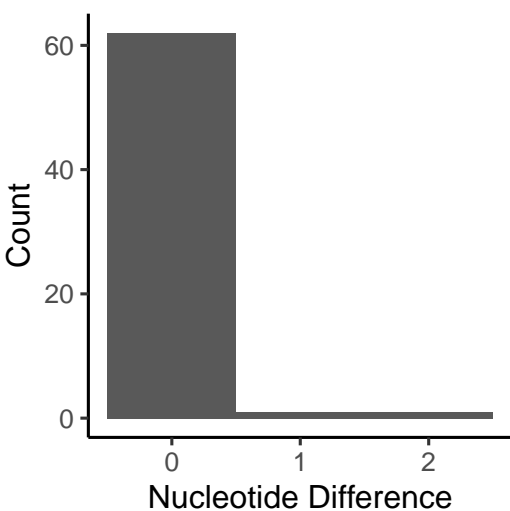
TRBV6-1*ap01

3119 sequences assigned
2966 (95.1%) exact matches, in which:
2865 unique CDR3
13 unique J



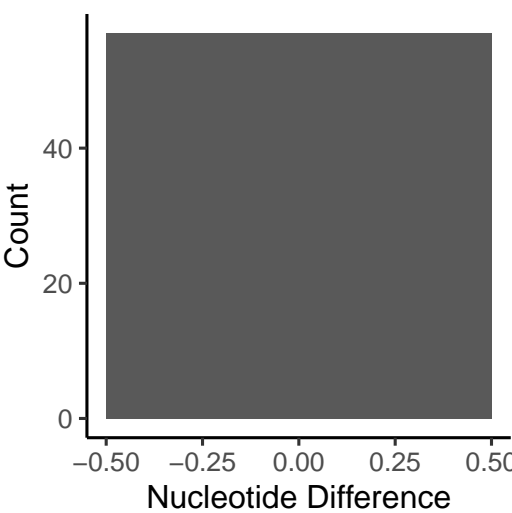
TRBV6-8*ap01

64 sequences assigned
62 (96.9%) exact matches, in which:
62 unique CDR3
11 unique J



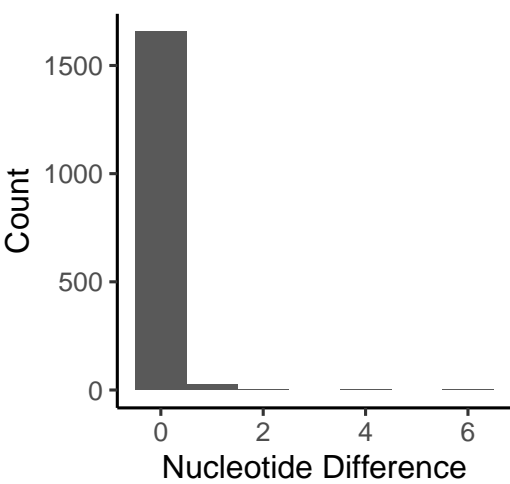
TRBV5-7*ap01

57 sequences assigned
57 (100%) exact matches, in which:
56 unique CDR3
12 unique J



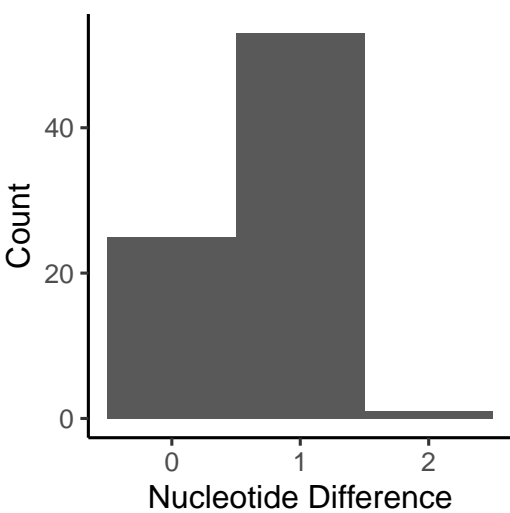
TRBV6-4*ap01

1686 sequences assigned
1656 (98.2%) exact matches, in which:
1625 unique CDR3
13 unique J



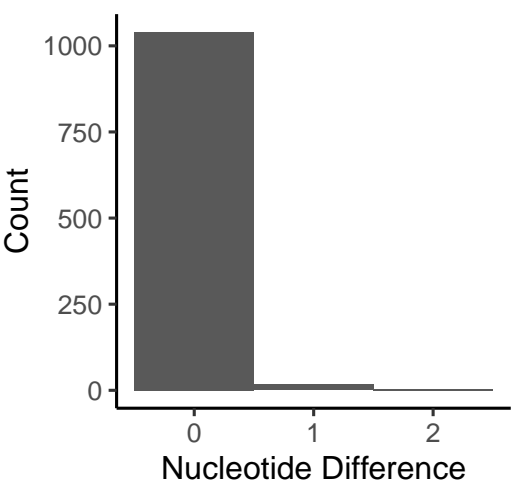
TRBV6-9*ap01

79 sequences assigned
25 (31.6%) exact matches, in which:
25 unique CDR3
11 unique J



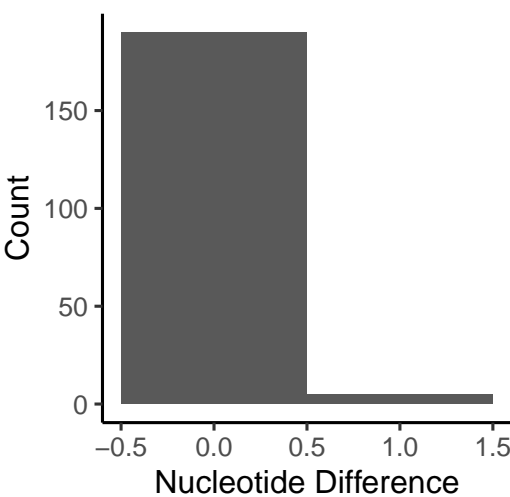
TRBV5-8*ap01

1060 sequences assigned
1040 (98.1%) exact matches, in which:
1011 unique CDR3
13 unique J



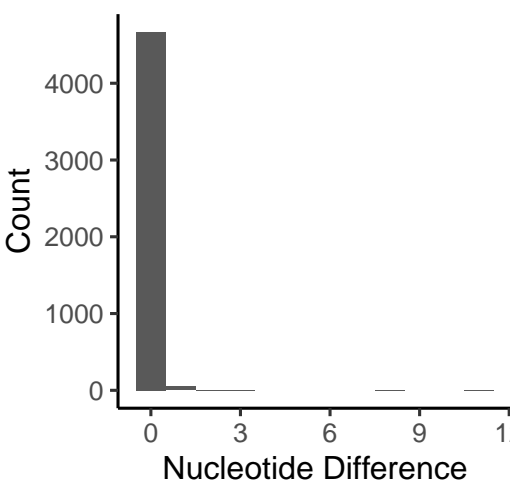
TRBV6-7*ap01

195 sequences assigned
190 (97.4%) exact matches, in which:
179 unique CDR3
13 unique J



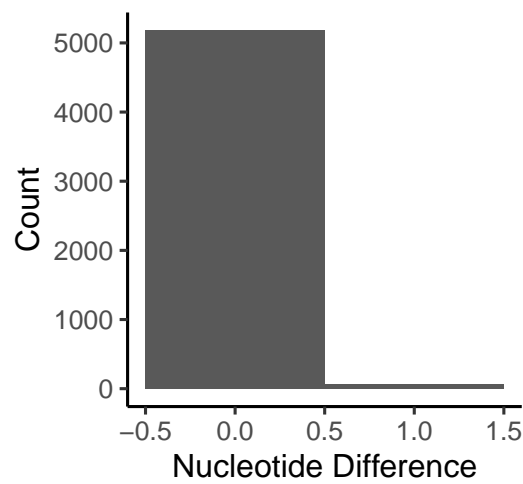
TRBV6-23*ap01

4723 sequences assigned
4667 (98.8%) exact matches, in which:
4523 unique CDR3
13 unique J



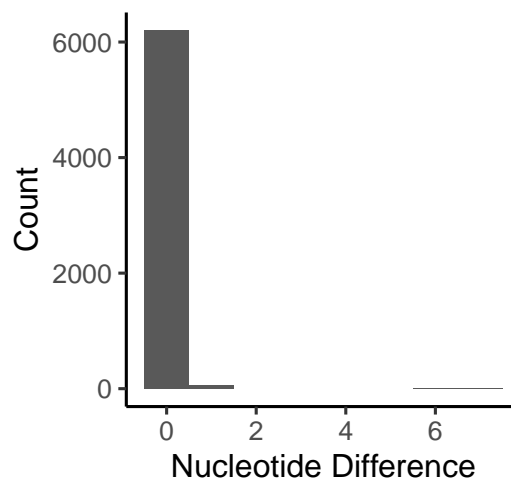
TRBV6–56*ap01

5247 sequences assigned
5181 (98.7%) exact matches, in which:
4996 unique CDR3
13 unique J



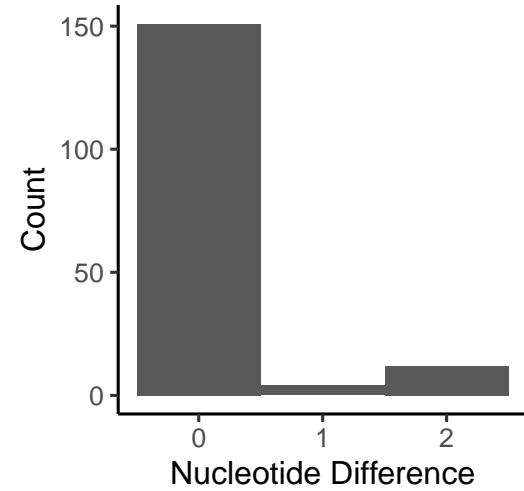
TRBV7–2*ap01

6270 sequences assigned
6201 (98.9%) exact matches, in which:
6003 unique CDR3
13 unique J



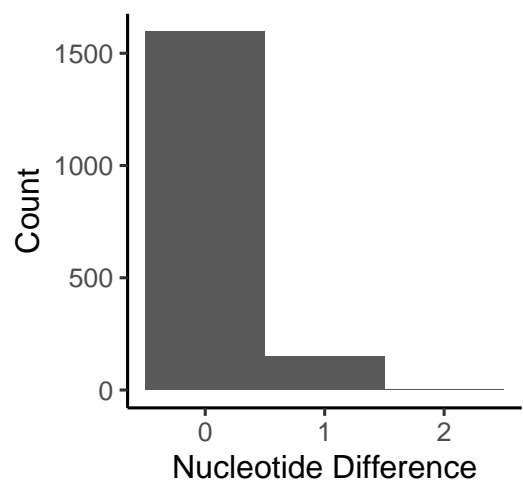
TRBV7–4*ap01

167 sequences assigned
151 (90.4%) exact matches, in which:
146 unique CDR3
13 unique J



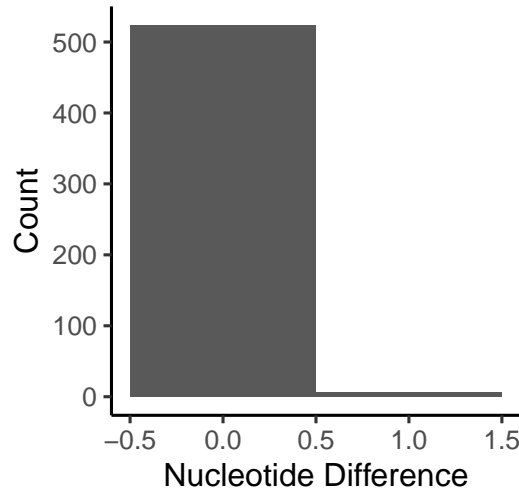
TRBV6–56*ap02

1749 sequences assigned
1596 (91.3%) exact matches, in which:
1556 unique CDR3
13 unique J



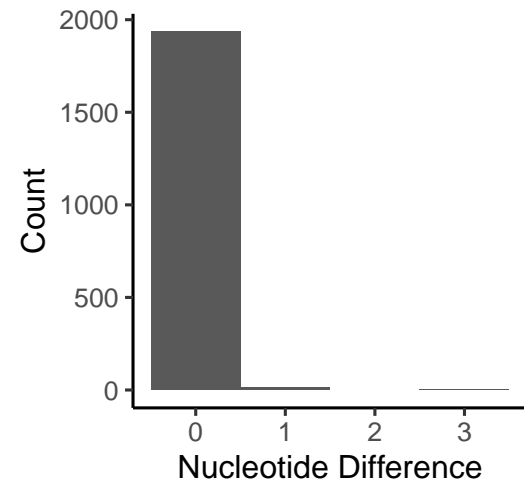
TRBV7–3*ap02

531 sequences assigned
524 (98.7%) exact matches, in which:
510 unique CDR3
13 unique J



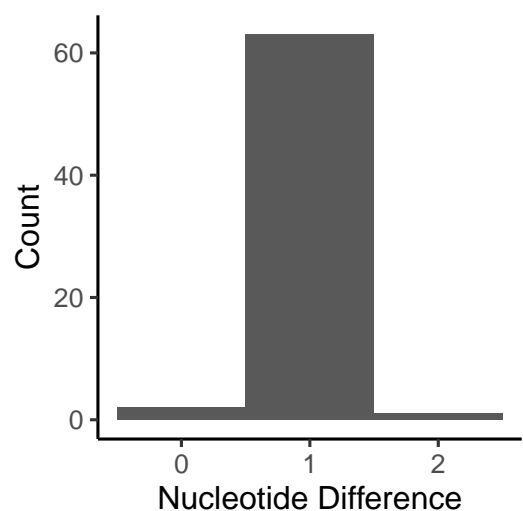
TRBV7–6*ap01

1952 sequences assigned
1935 (99.1%) exact matches, in which:
1878 unique CDR3
13 unique J



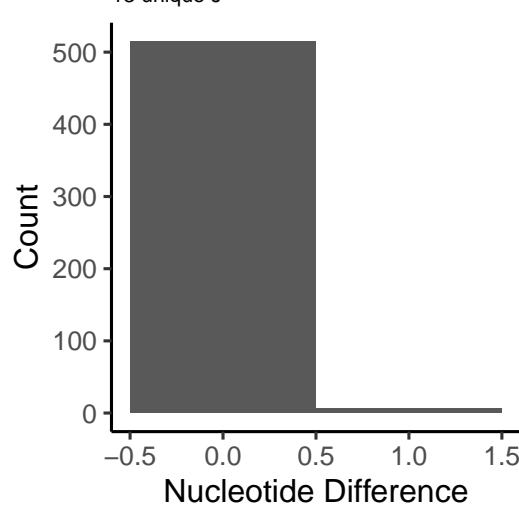
TRBV7–1*ap01_T296C

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



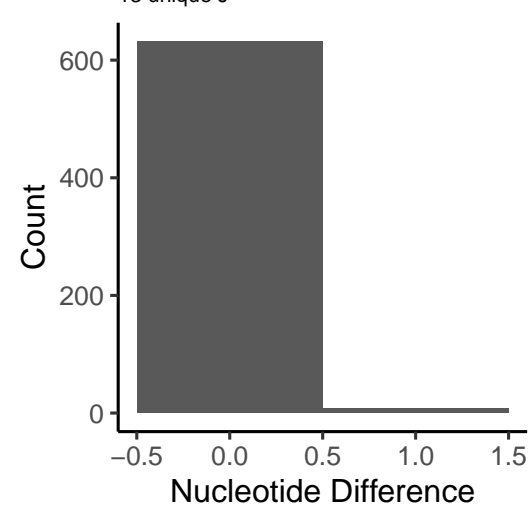
TRBV7–3*ap03

521 sequences assigned
515 (98.8%) exact matches, in which:
498 unique CDR3
13 unique J



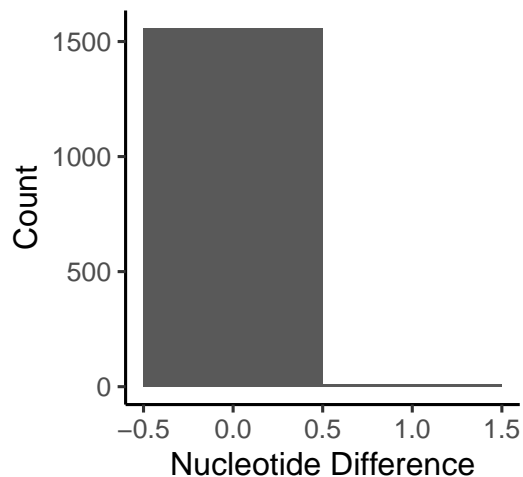
TRBV7–7*ap01

639 sequences assigned
632 (98.9%) exact matches, in which:
617 unique CDR3
13 unique J



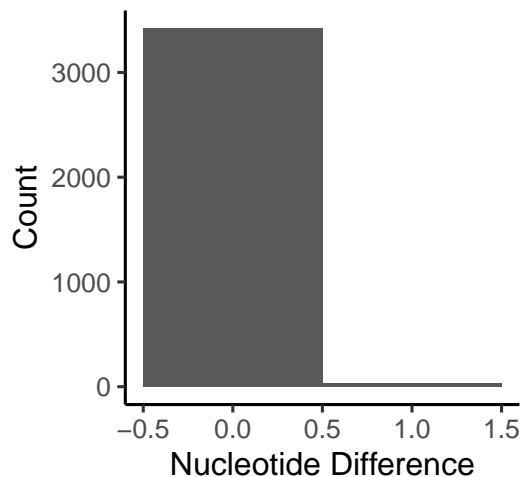
TRBV7-8*ap01

1570 sequences assigned
1557 (99.2%) exact matches, in which:
1495 unique CDR3
13 unique J



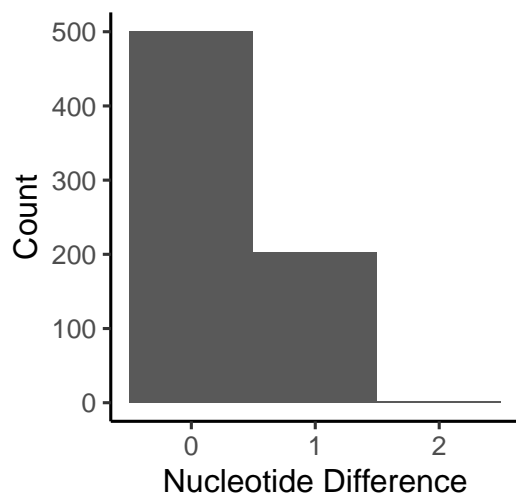
TRBV29-1*ap01

3453 sequences assigned
3421 (99.1%) exact matches, in which:
3334 unique CDR3
13 unique J



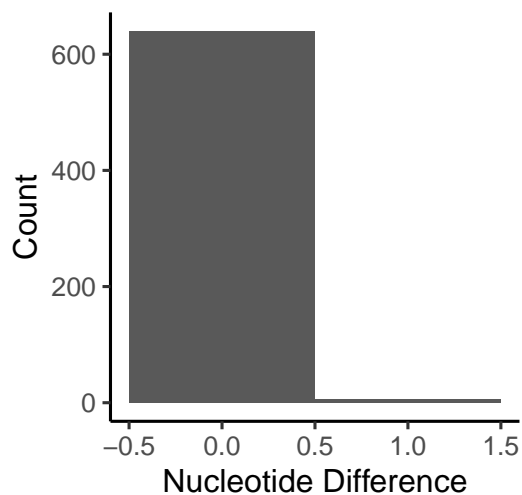
TRBV7-8*ap03

706 sequences assigned
501 (71%) exact matches, in which:
480 unique CDR3
13 unique J



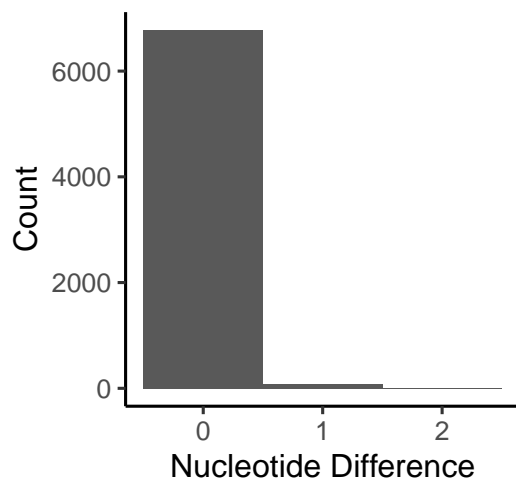
TRBV29-1*ap02

646 sequences assigned
640 (99.1%) exact matches, in which:
615 unique CDR3
13 unique J

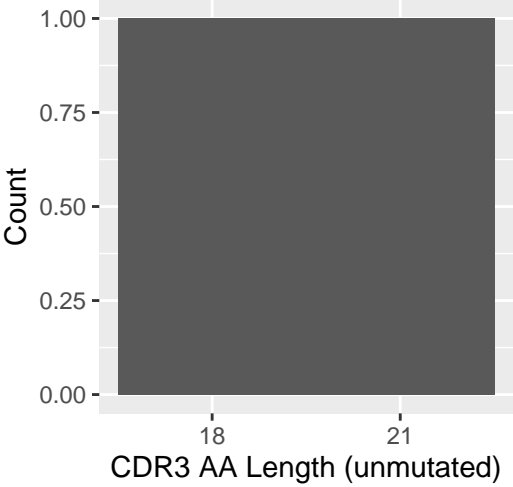


TRBV7-9*ap01

6854 sequences assigned
6776 (98.9%) exact matches, in which:
6586 unique CDR3
13 unique J



TRBV7-1*ap01_T296C





[illegible]