

Gene TRBV7-1*ap01_G291C_T296C_C314T



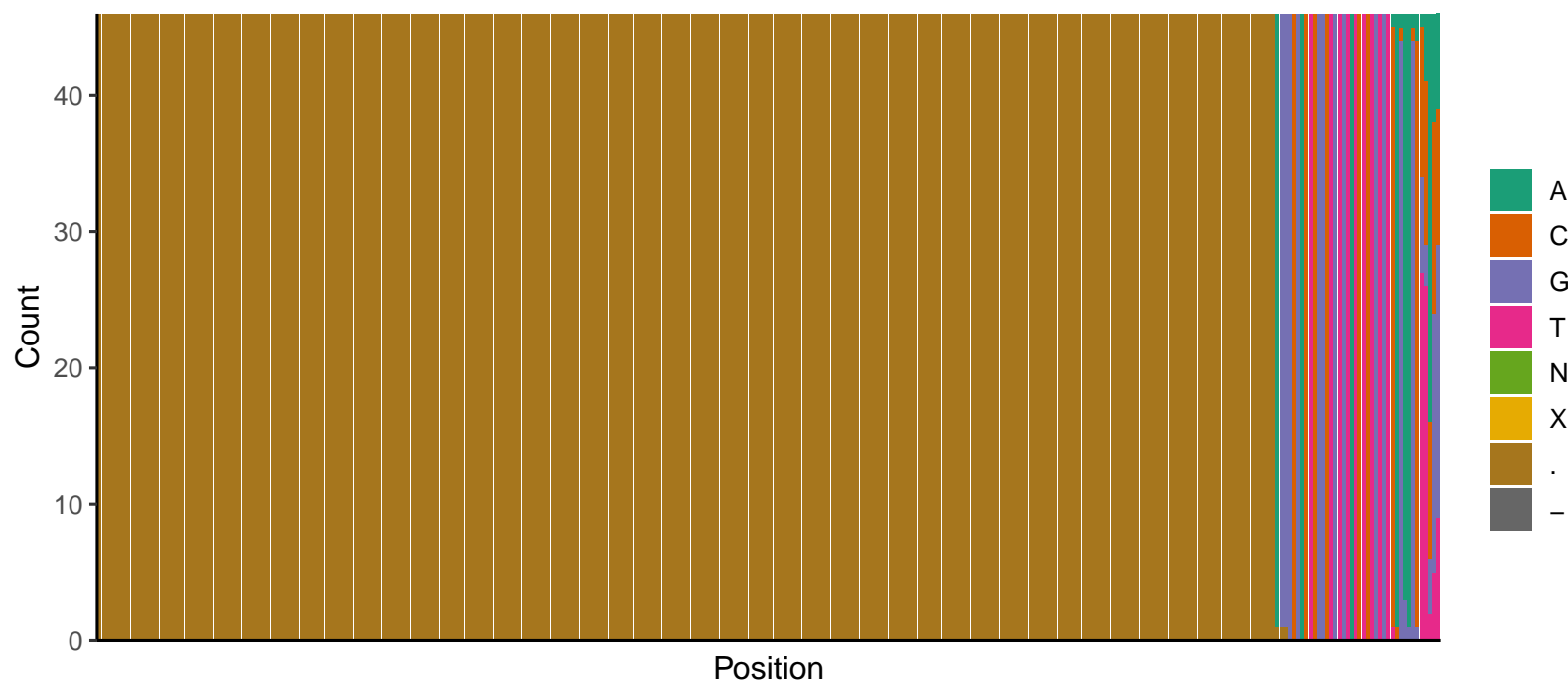
Gene TRBV7-1*ap01_G291C_T296C



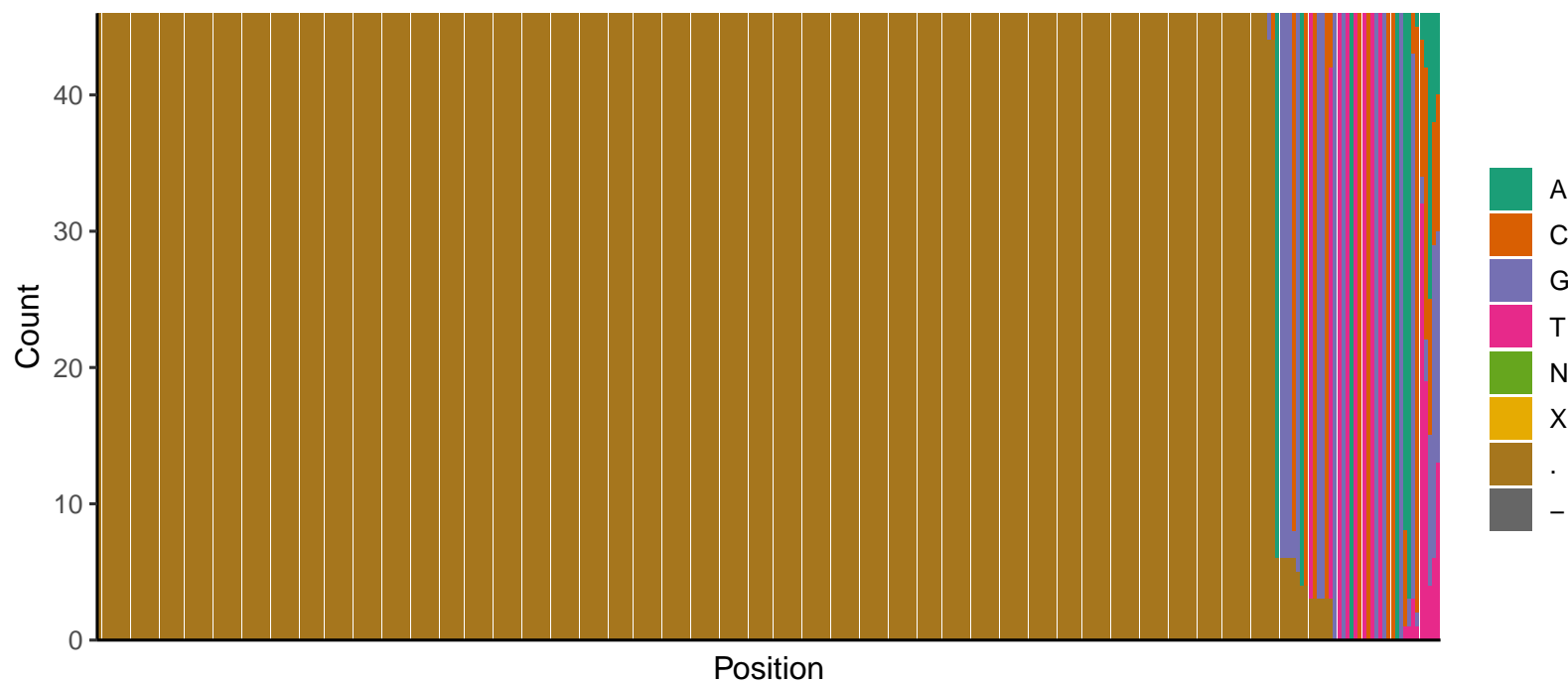
Gene TRBV7-7*ap01_C315T



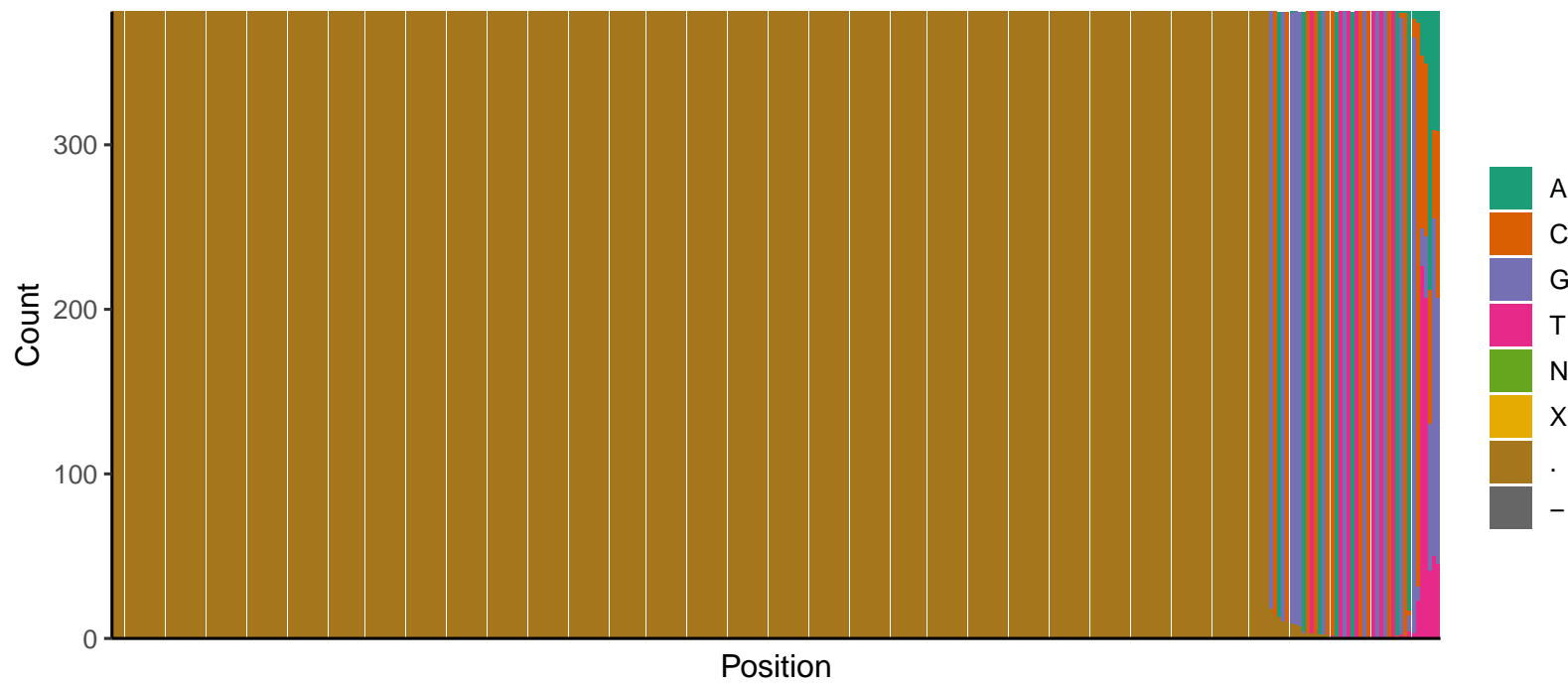
Gene TRBV7-1*ap01_G291C_T296C_C314T



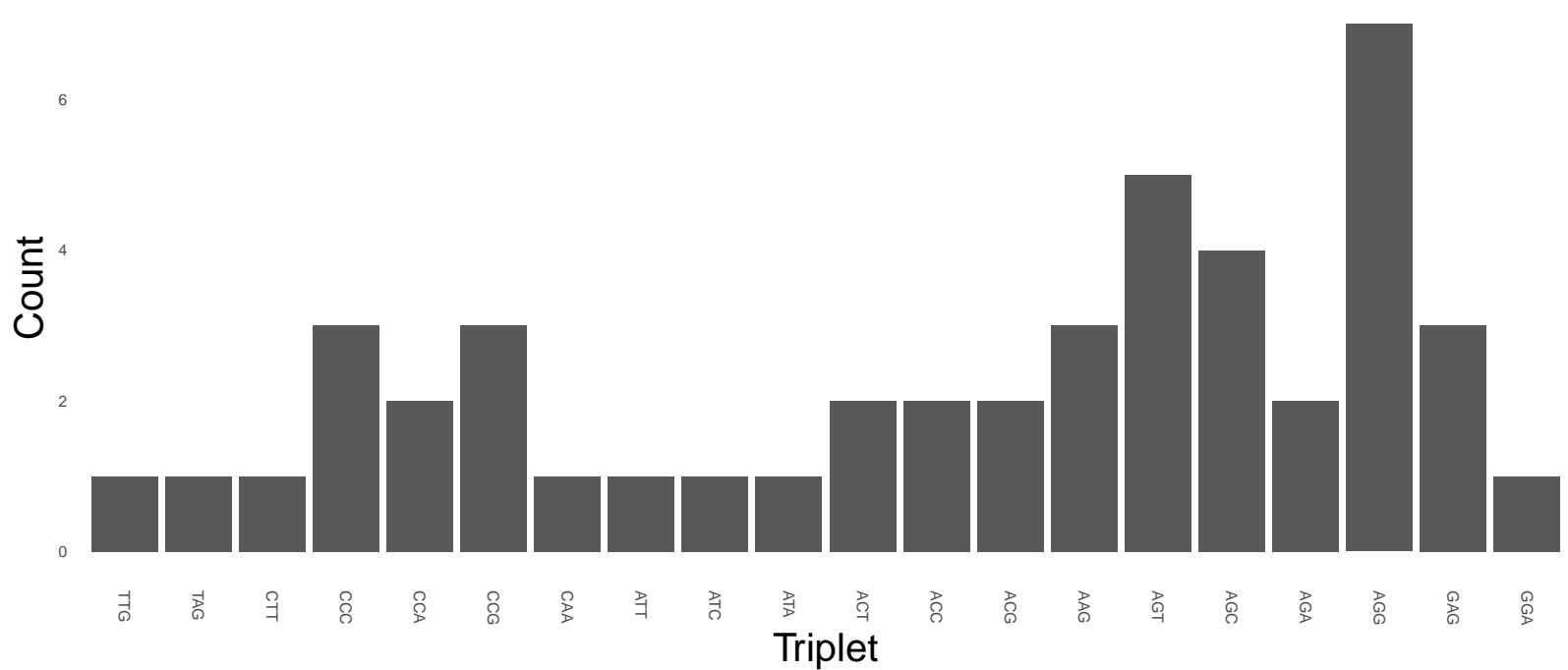
Gene TRBV7-1*ap01_G291C_T296C



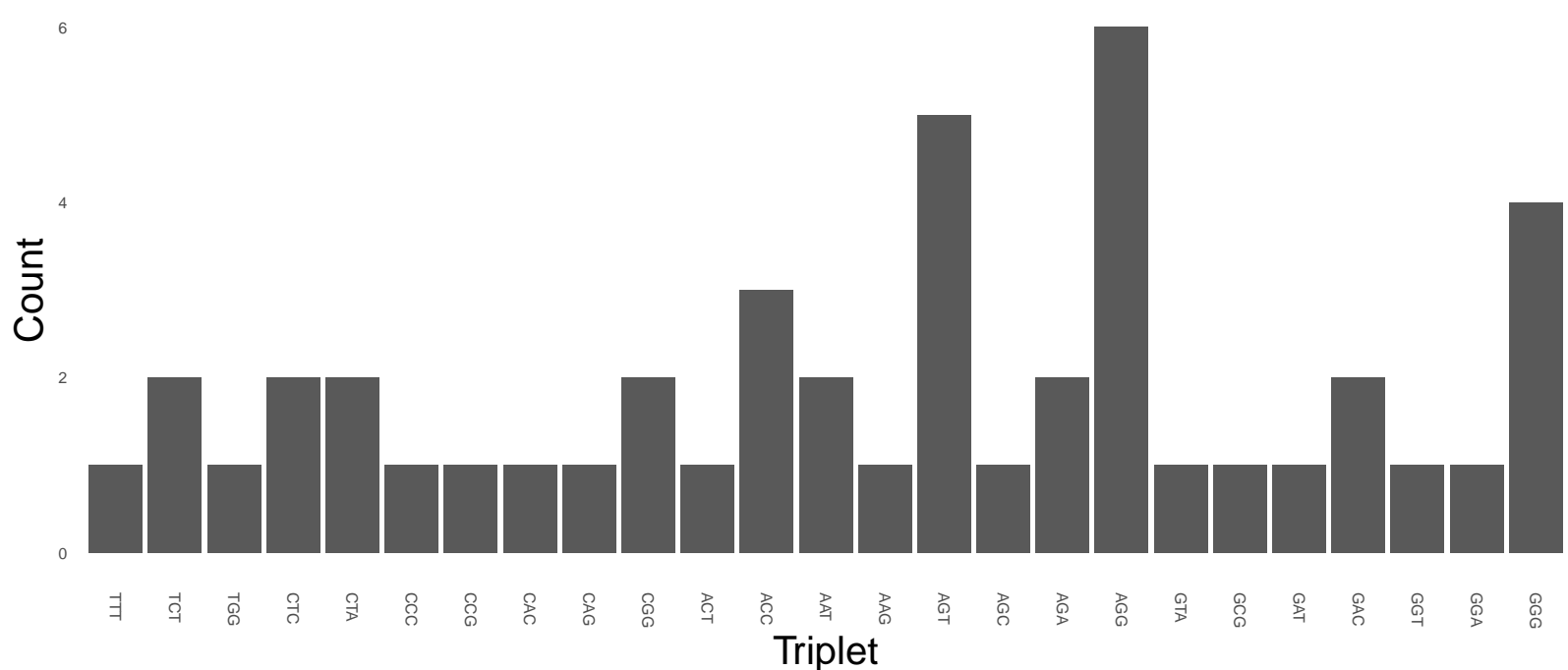
Gene TRBV7-7*ap01_C315T



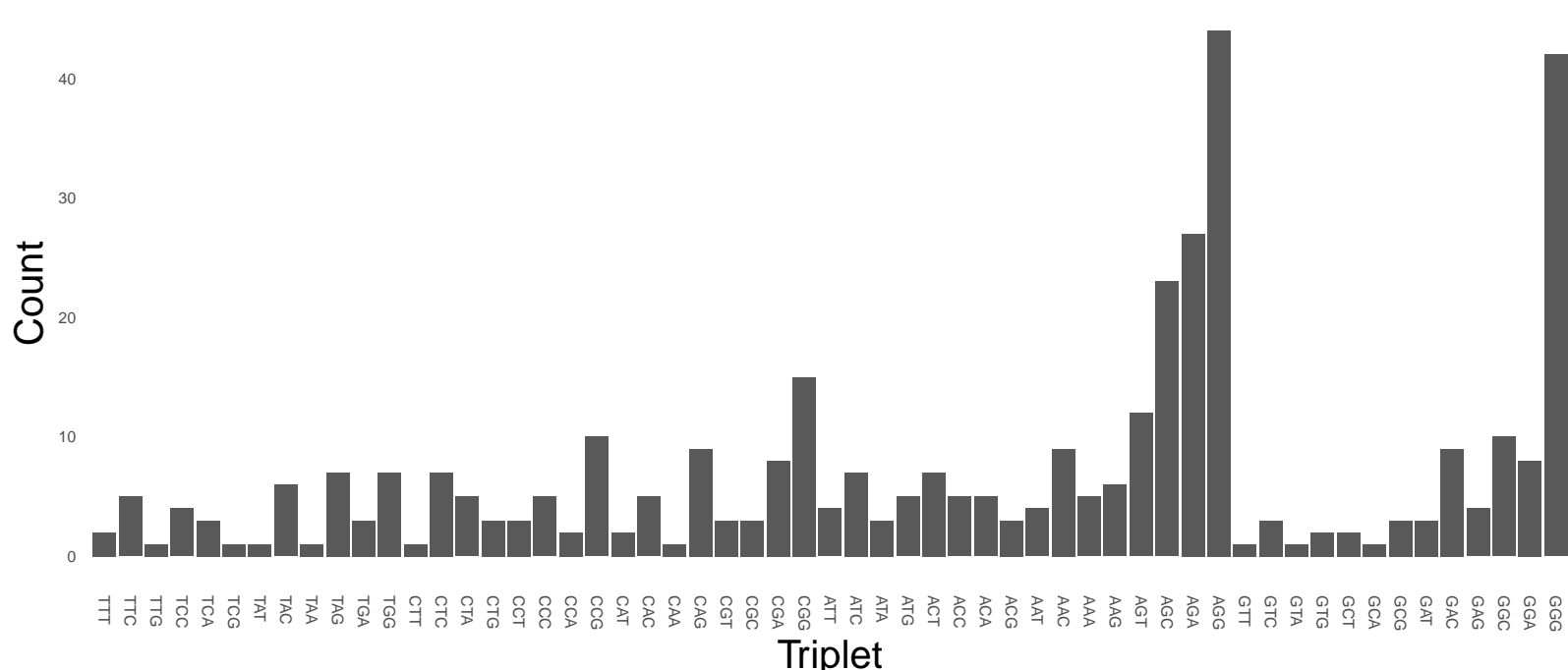
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

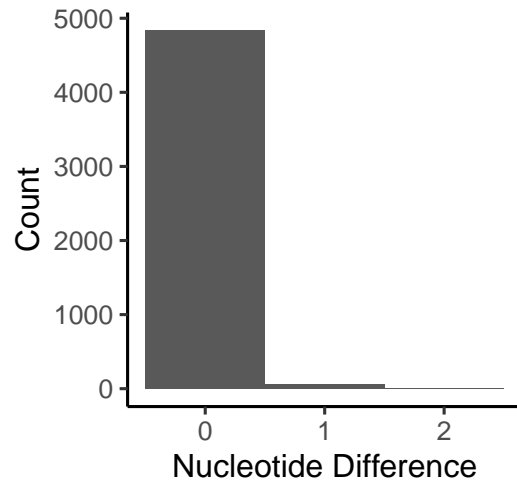


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



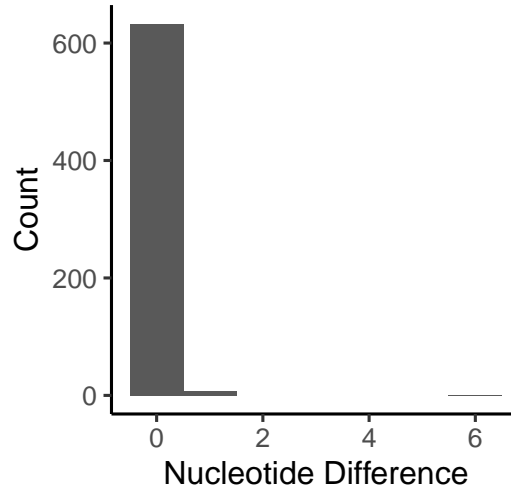
TRBV20-1*ap01

4898 sequences assigned
4836 (98.7%) exact matches, in which:
4731 unique CDR3
13 unique J



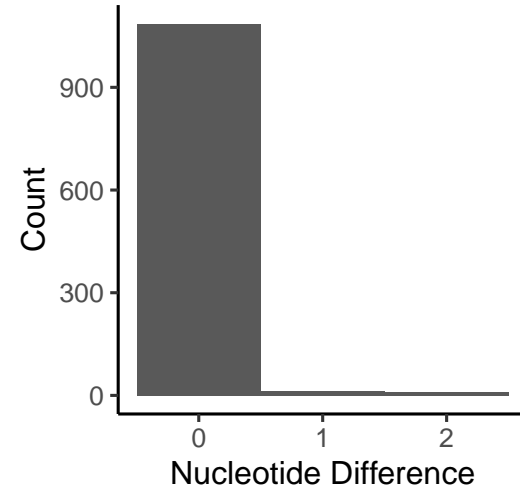
TRBV10-2*ap01

642 sequences assigned
633 (98.6%) exact matches, in which:
616 unique CDR3
13 unique J



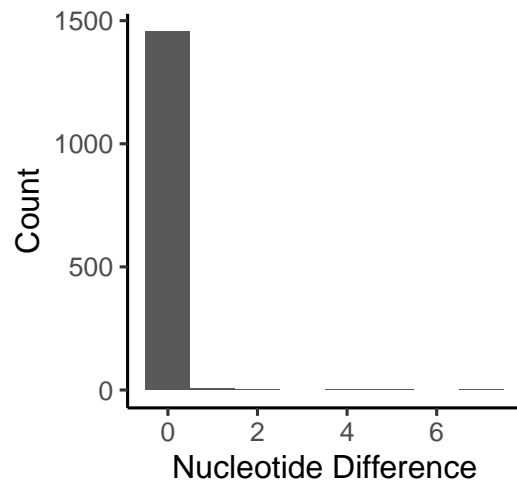
TRBV13*ap01

1110 sequences assigned
1086 (97.8%) exact matches, in which:
1063 unique CDR3
13 unique J



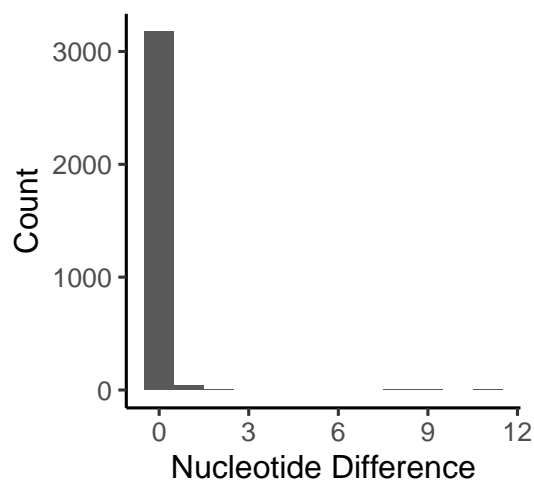
TRBV10-1*ap01

1467 sequences assigned
1455 (99.2%) exact matches, in which:
1425 unique CDR3
13 unique J



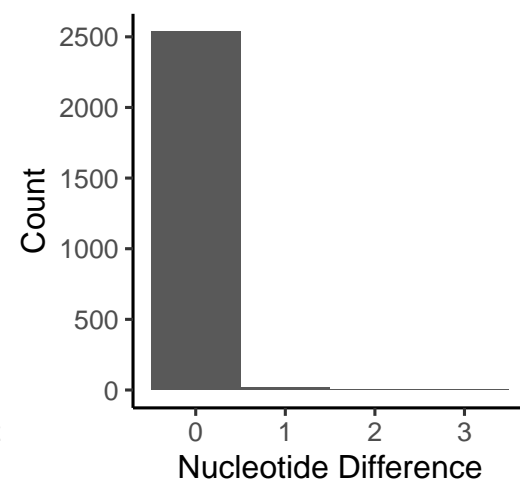
TRBV10-3*ap01

3217 sequences assigned
3175 (98.7%) exact matches, in which:
3094 unique CDR3
13 unique J



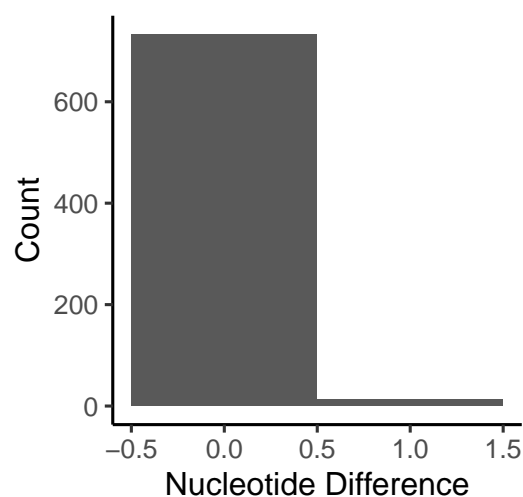
TRBV14*ap01

2556 sequences assigned
2536 (99.2%) exact matches, in which:
2479 unique CDR3
13 unique J



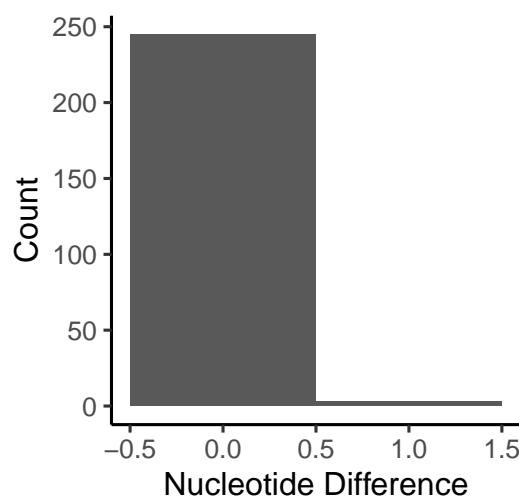
TRBV20-1*ap02

745 sequences assigned
733 (98.4%) exact matches, in which:
715 unique CDR3
13 unique J



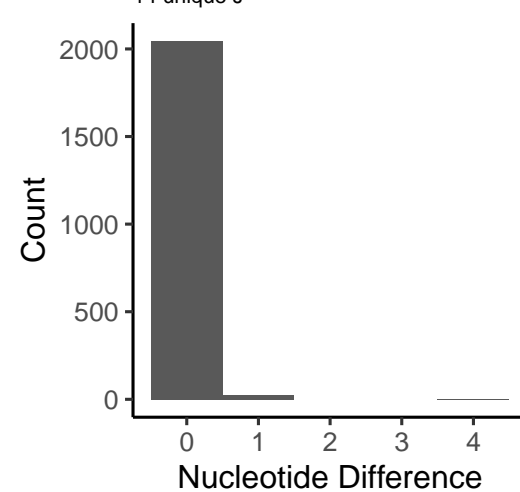
TRBV1*ap01

248 sequences assigned
245 (98.8%) exact matches, in which:
243 unique CDR3
13 unique J



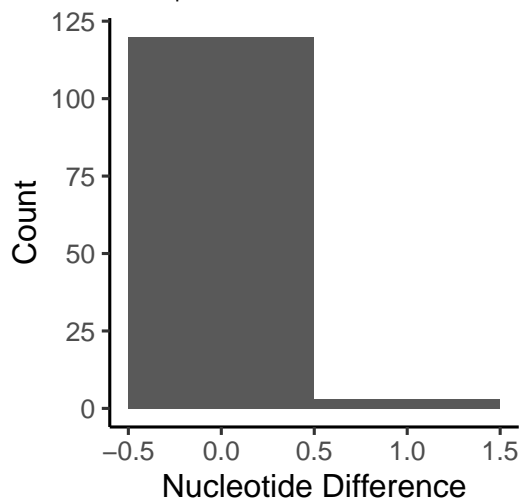
TRBV15*ap02

2072 sequences assigned
2045 (98.7%) exact matches, in which:
1985 unique CDR3
14 unique J



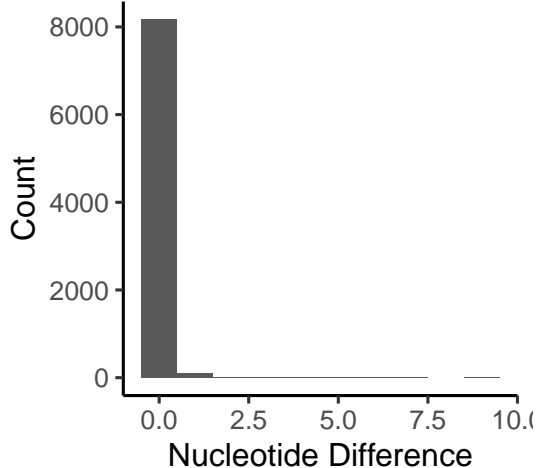
TRBV16*ap01

123 sequences assigned
120 (97.6%) exact matches, in which:
120 unique CDR3
12 unique J



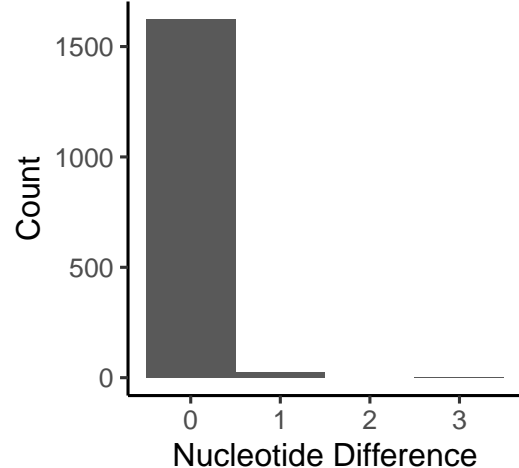
TRBV19*ap01

8283 sequences assigned
8171 (98.6%) exact matches, in which:
8015 unique CDR3
13 unique J



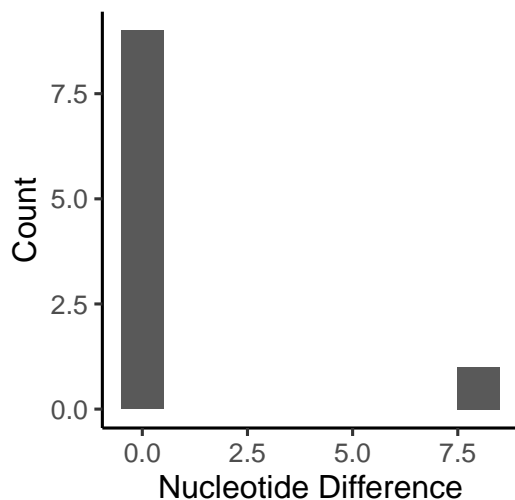
TRBV28*ap01

1648 sequences assigned
1623 (98.5%) exact matches, in which:
1581 unique CDR3
13 unique J



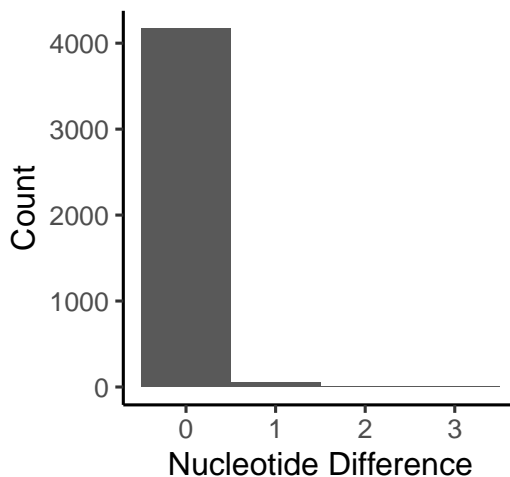
TRBV17*ap01

10 sequences assigned
9 (90%) exact matches, in which:
9 unique CDR3
6 unique J



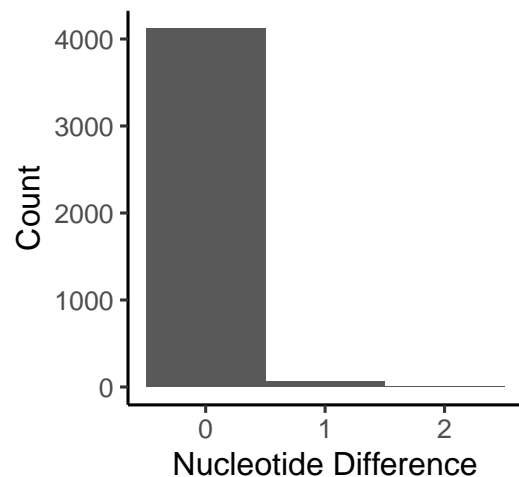
TRBV2*ap01

4227 sequences assigned
4168 (98.6%) exact matches, in which:
4098 unique CDR3
13 unique J



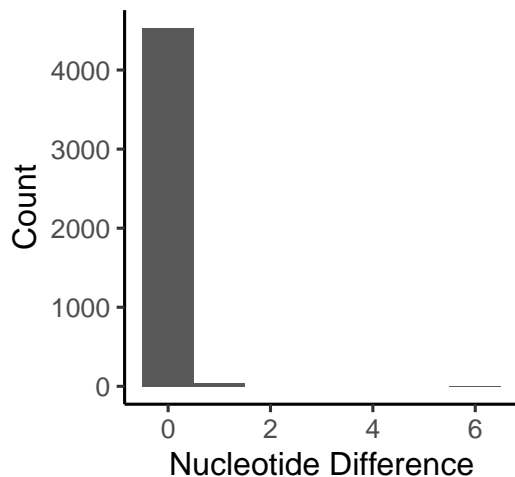
TRBV30*ap01

4188 sequences assigned
4118 (98.3%) exact matches, in which:
4087 unique CDR3
13 unique J



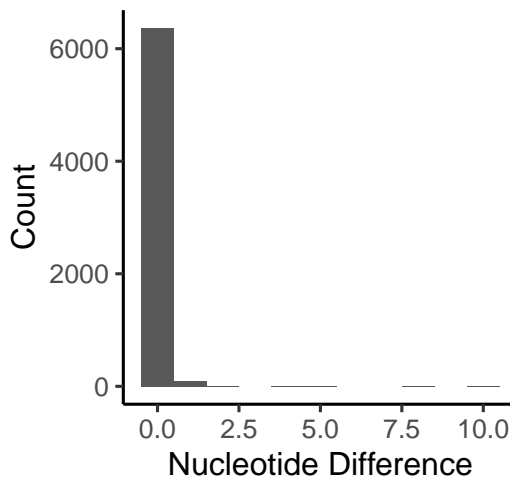
TRBV18*ap01

4571 sequences assigned
4531 (99.1%) exact matches, in which:
4448 unique CDR3
13 unique J



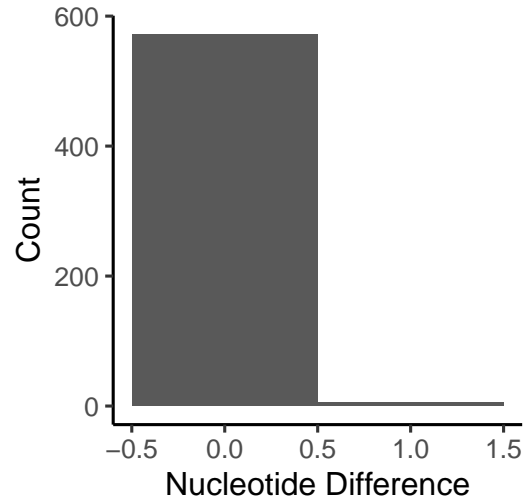
TRBV27*ap01

6468 sequences assigned
6367 (98.4%) exact matches, in which:
6212 unique CDR3
13 unique J



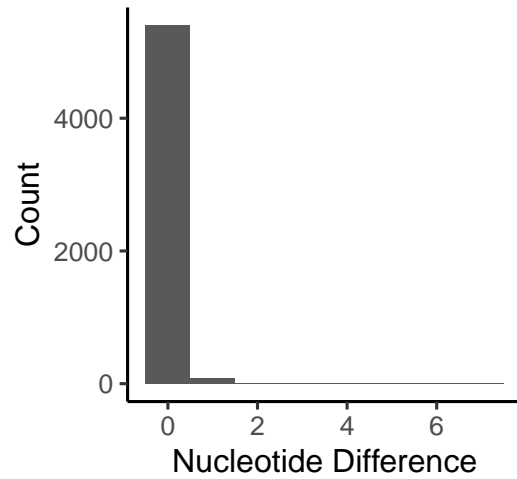
TRBV30*ap03

578 sequences assigned
572 (99%) exact matches, in which:
562 unique CDR3
13 unique J



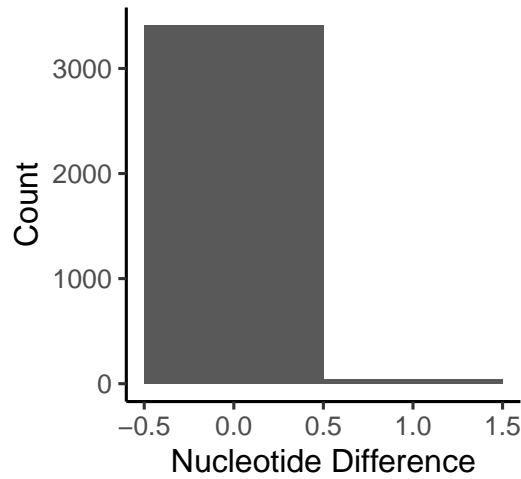
TRBV9*ap01

5482 sequences assigned
5399 (98.5%) exact matches, in which:
5280 unique CDR3
13 unique J



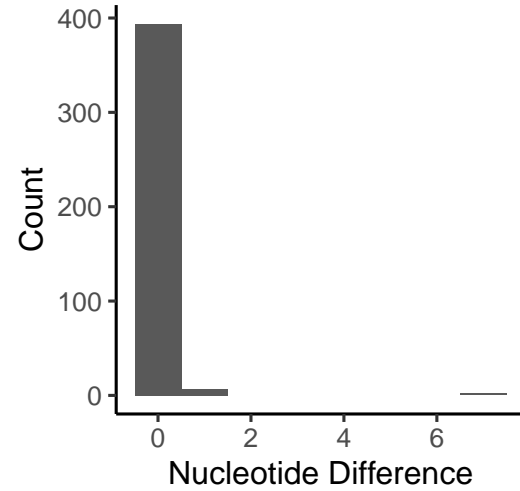
TRBV11-2*ap01

3450 sequences assigned
3410 (98.8%) exact matches, in which:
3325 unique CDR3
13 unique J



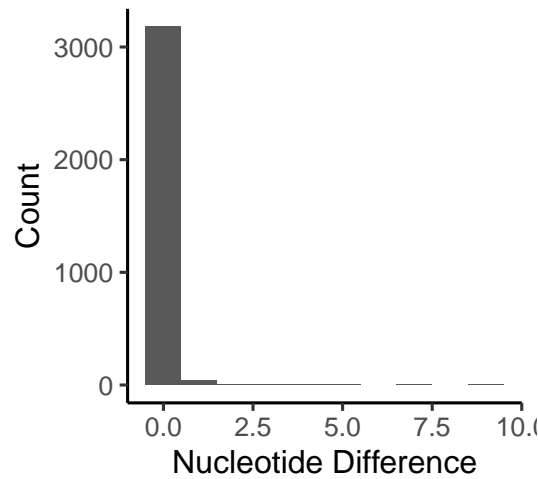
TRBV12-2*ap01

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



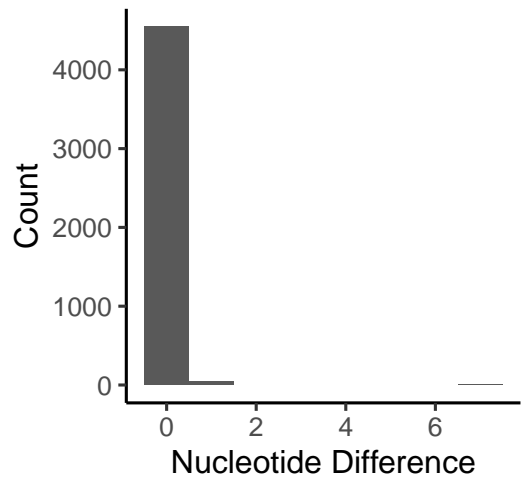
TRBV21-1*ap01

3242 sequences assigned
3180 (98.1%) exact matches, in which:
3106 unique CDR3
13 unique J



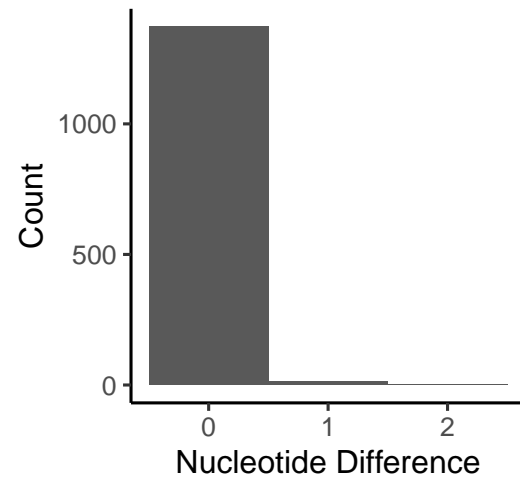
TRBV11-3*ap01

4596 sequences assigned
4547 (98.9%) exact matches, in which:
4448 unique CDR3
13 unique J



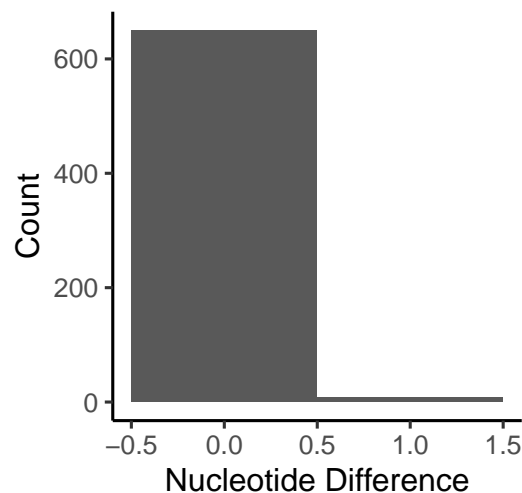
TRBV12-5*ap01

1388 sequences assigned
1372 (98.8%) exact matches, in which:
1338 unique CDR3
13 unique J



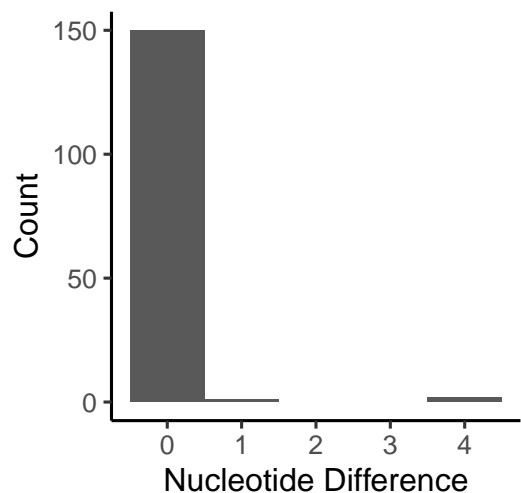
TRBV11-1*ap01

658 sequences assigned
650 (98.8%) exact matches, in which:
637 unique CDR3
13 unique J



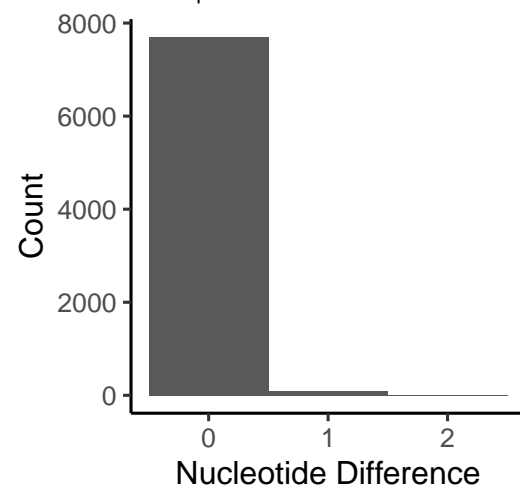
TRBV12-1*ap01

153 sequences assigned
150 (98%) exact matches, in which:
147 unique CDR3
13 unique J



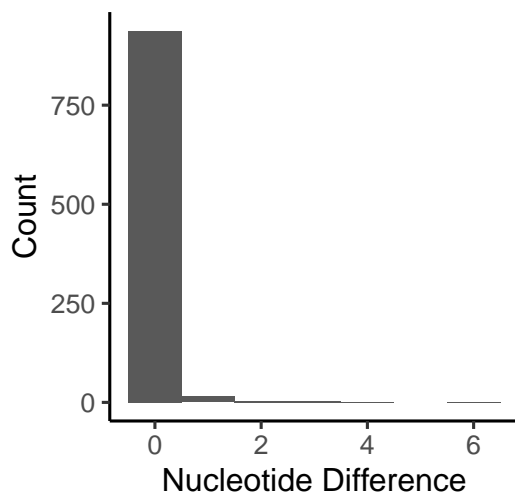
TRBV12-34*ap01

7802 sequences assigned
7699 (98.7%) exact matches, in which:
7553 unique CDR3
13 unique J



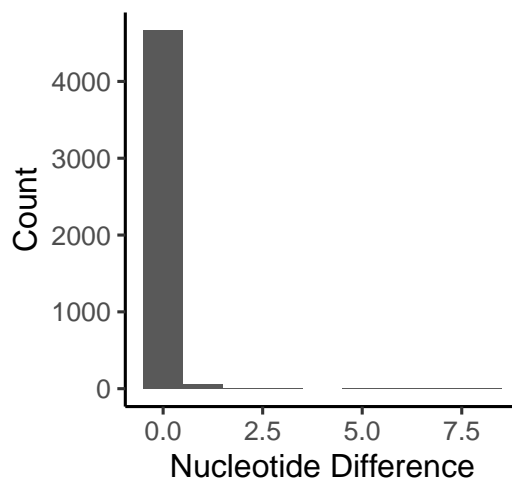
TRBV23–1*ap01

961 sequences assigned
938 (97.6%) exact matches, in which:
917 unique CDR3
13 unique J



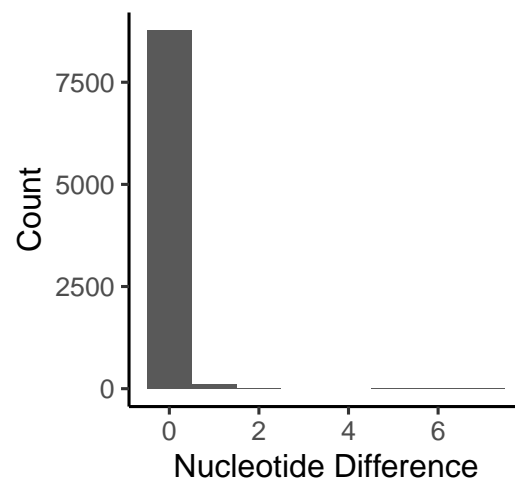
TRBV24–1*ap01

4728 sequences assigned
4664 (98.6%) exact matches, in which:
4606 unique CDR3
13 unique J



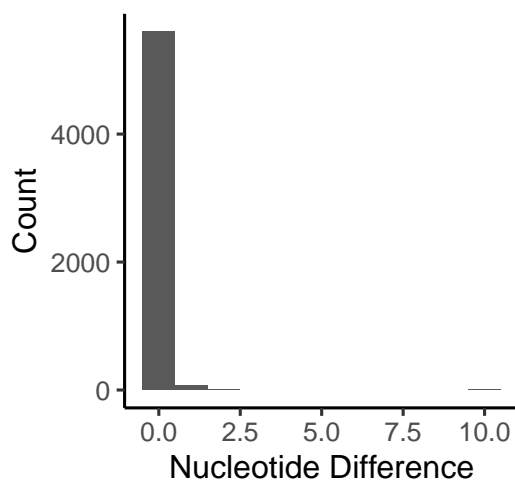
TRBV5–1*ap01

8875 sequences assigned
8769 (98.8%) exact matches, in which:
8568 unique CDR3
13 unique J



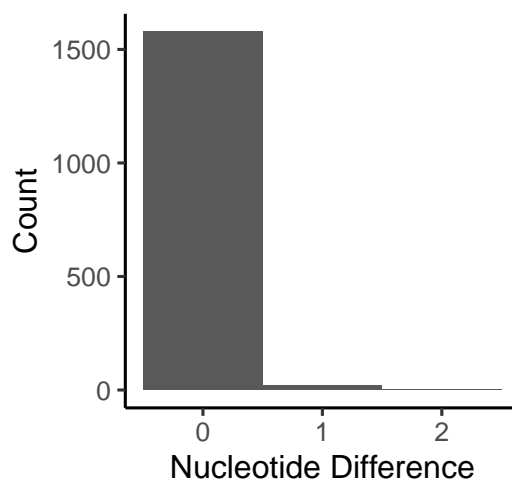
TRBV3–12*ap01

5678 sequences assigned
5600 (98.6%) exact matches, in which:
5492 unique CDR3
13 unique J



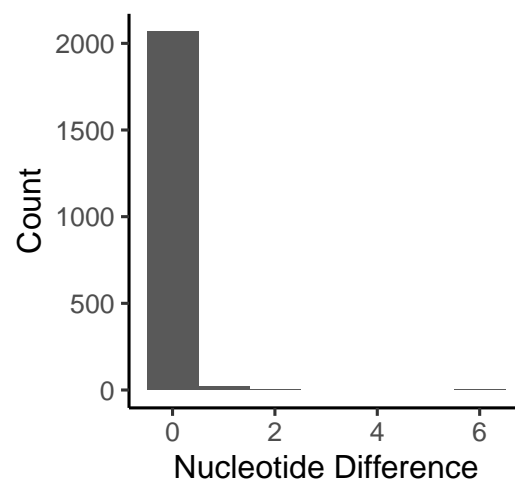
TRBV4–2*ap01

1597 sequences assigned
1578 (98.8%) exact matches, in which:
1531 unique CDR3
13 unique J



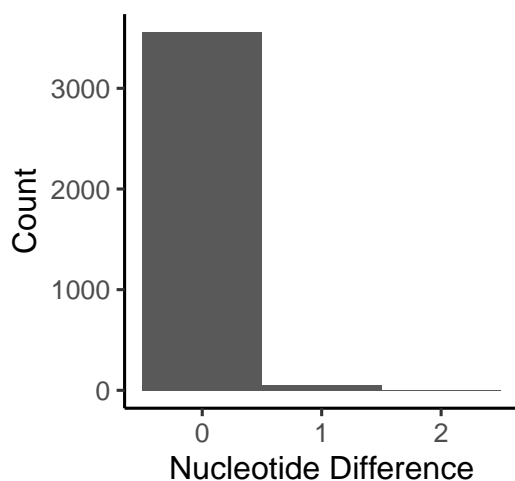
TRBV25–1*ap01

2091 sequences assigned
2067 (98.9%) exact matches, in which:
2041 unique CDR3
13 unique J



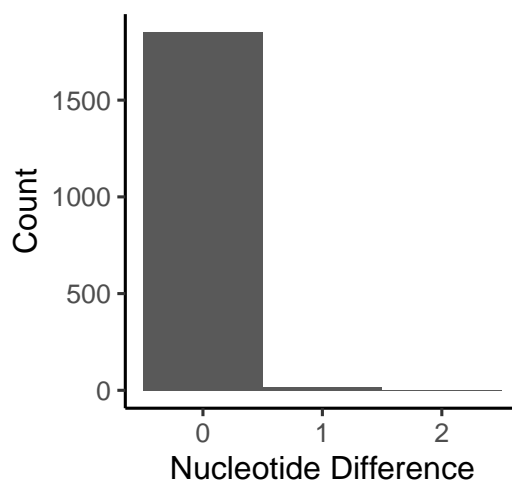
TRBV4–1*ap01

3611 sequences assigned
3559 (98.6%) exact matches, in which:
3498 unique CDR3
13 unique J



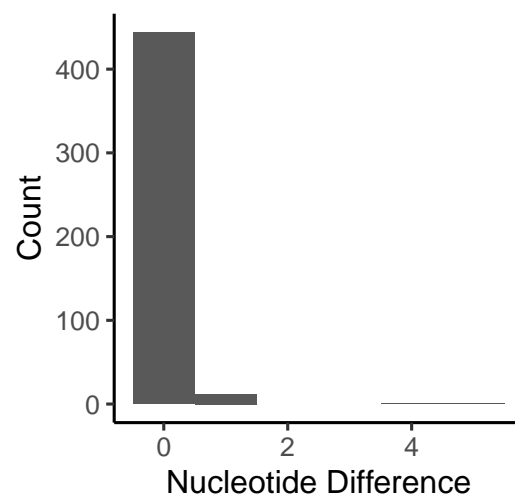
TRBV4–3*ap01

1870 sequences assigned
1852 (99%) exact matches, in which:
1816 unique CDR3
13 unique J



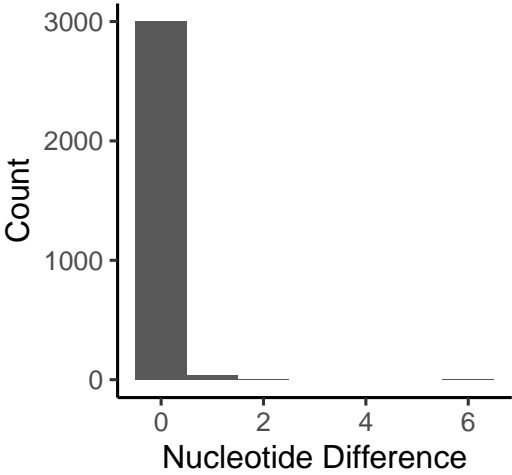
TRBV5–3*ap01

458 sequences assigned
444 (96.9%) exact matches, in which:
431 unique CDR3
13 unique J



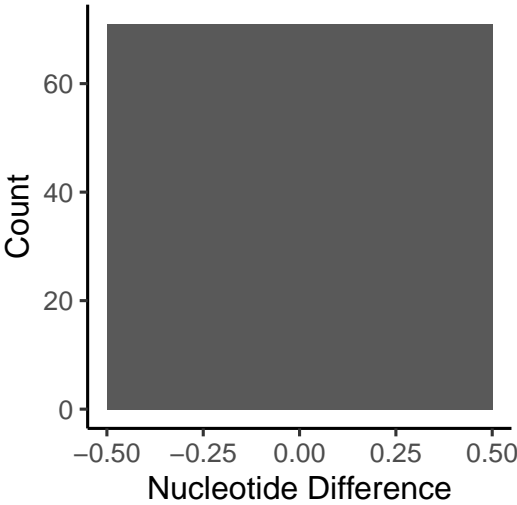
TRBV5-4*ap01

3039 sequences assigned
3001 (98.7%) exact matches, in which:
2930 unique CDR3
13 unique J



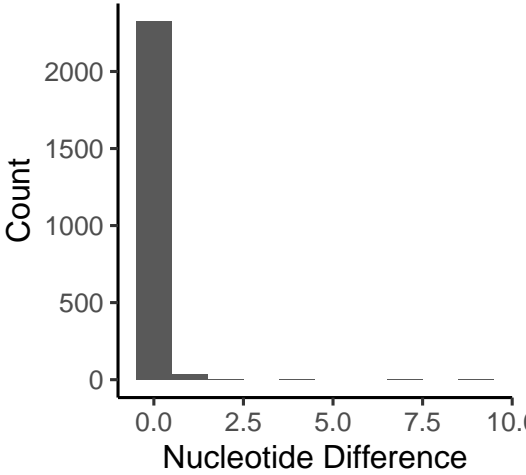
TRBV5-7*ap01

71 sequences assigned
71 (100%) exact matches, in which:
70 unique CDR3
12 unique J



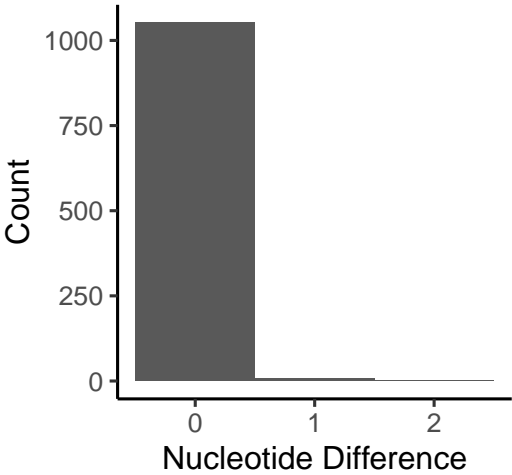
TRBV6-4*ap01

2366 sequences assigned
2325 (98.3%) exact matches, in which:
2287 unique CDR3
13 unique J



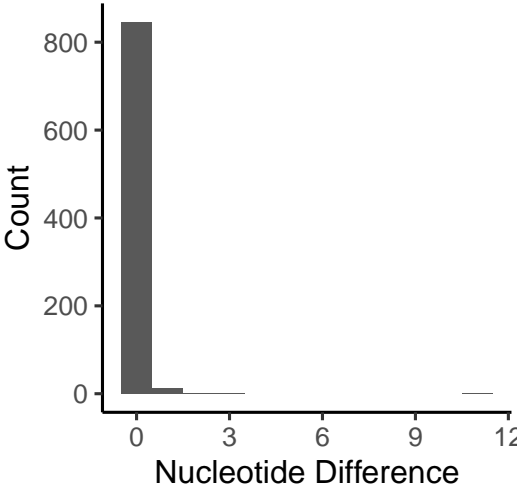
TRBV5-5*ap01

1059 sequences assigned
1052 (99.3%) exact matches, in which:
1025 unique CDR3
13 unique J



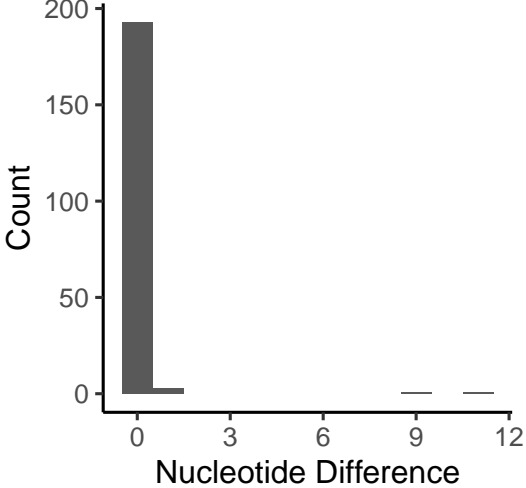
TRBV5-8*ap01

863 sequences assigned
846 (98%) exact matches, in which:
836 unique CDR3
13 unique J



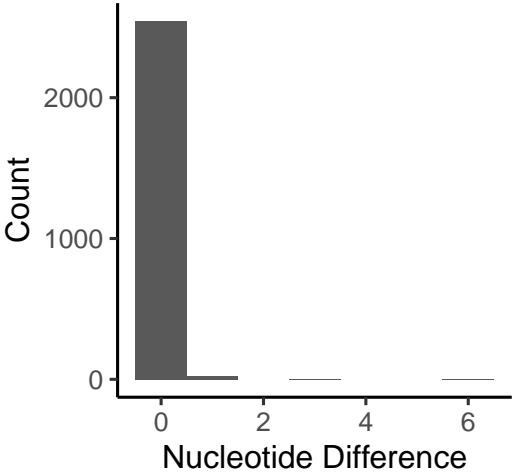
TRBV6-7*ap01

198 sequences assigned
193 (97.5%) exact matches, in which:
188 unique CDR3
13 unique J



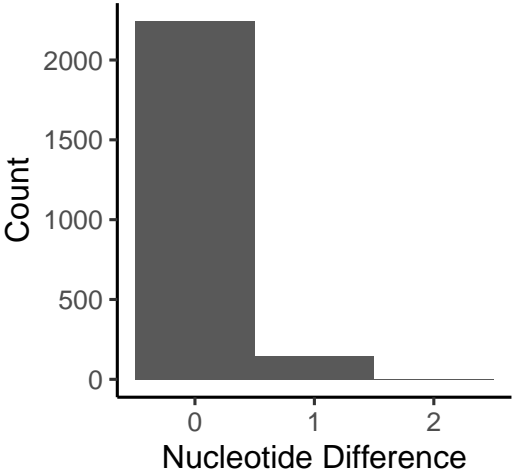
TRBV5-6*ap01

2570 sequences assigned
2544 (99%) exact matches, in which:
2491 unique CDR3
13 unique J



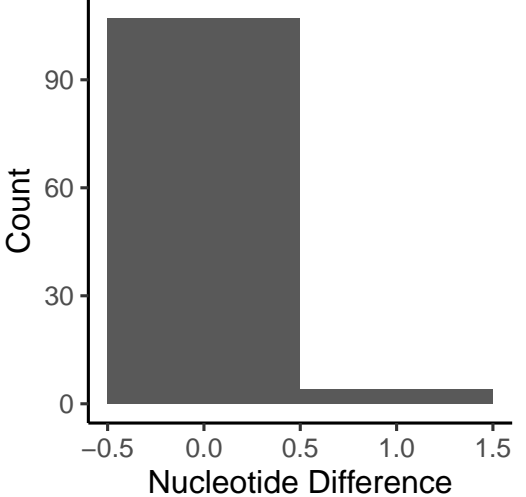
TRBV6-1*ap01

2393 sequences assigned
2244 (93.8%) exact matches, in which:
2193 unique CDR3
13 unique J



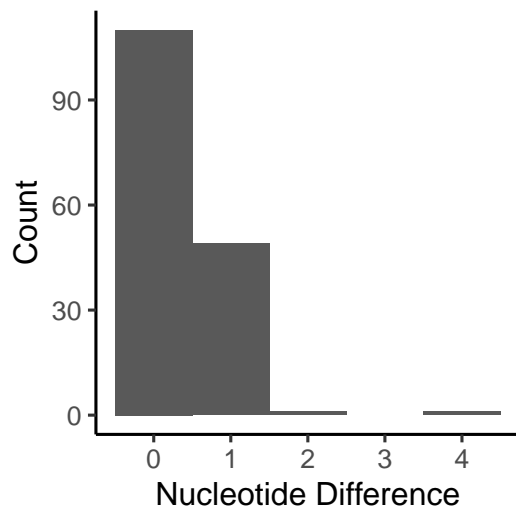
TRBV6-8*ap01

111 sequences assigned
107 (96.4%) exact matches, in which:
103 unique CDR3
13 unique J



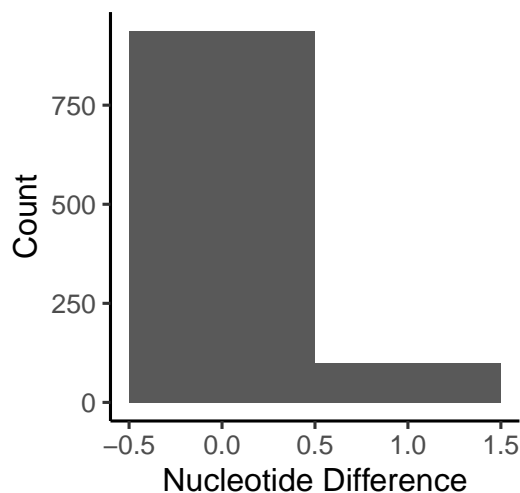
TRBV6–9*ap01

161 sequences assigned
110 (68.3%) exact matches, in which:
107 unique CDR3
12 unique J



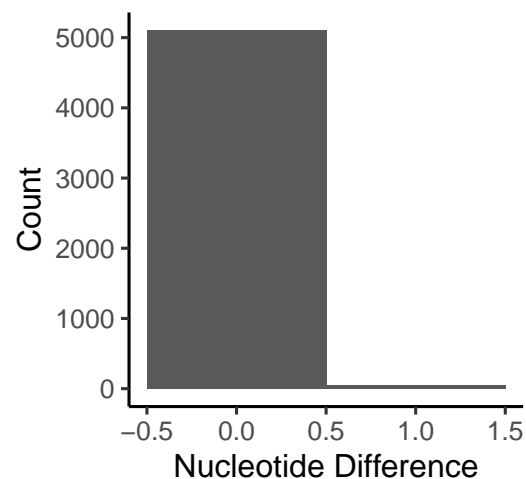
TRBV6–56*ap02

1037 sequences assigned
938 (90.5%) exact matches, in which:
922 unique CDR3
13 unique J



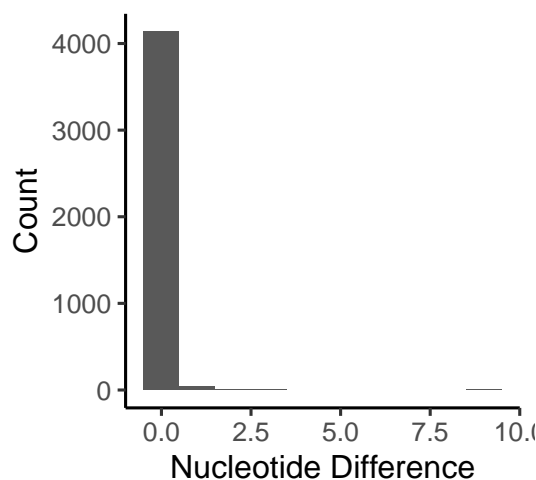
TRBV7–2*ap01

5158 sequences assigned
5103 (98.9%) exact matches, in which:
4950 unique CDR3
13 unique J



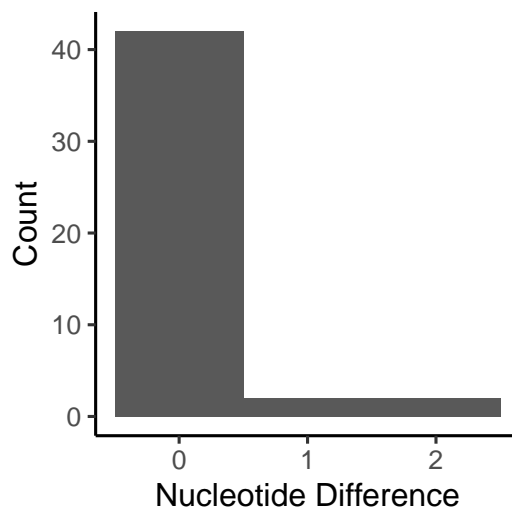
TRBV6–23*ap01

4185 sequences assigned
4136 (98.8%) exact matches, in which:
4057 unique CDR3
13 unique J



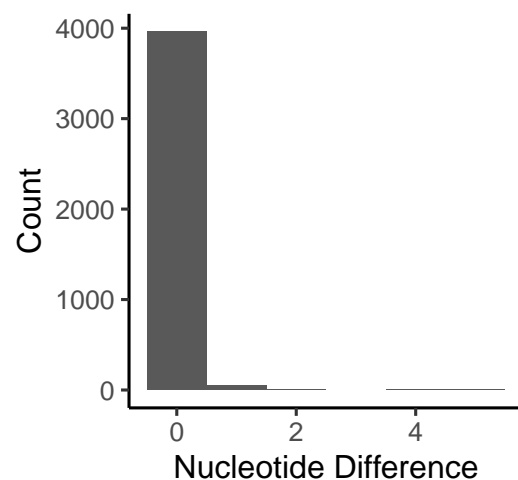
TRBV7–1*ap01_G291C_T

46 sequences assigned
42 (91.3%) exact matches, in which:
42 unique CDR3
11 unique J



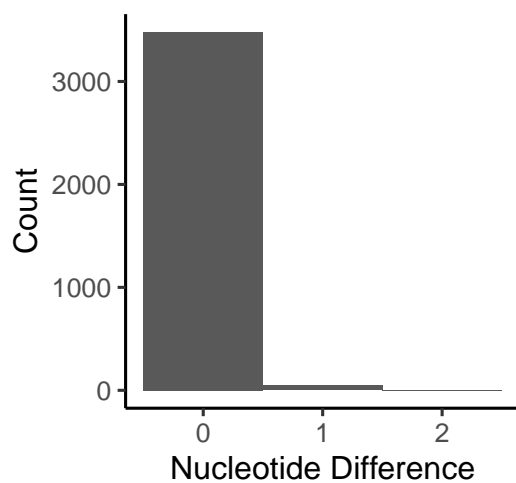
TRBV7–3*ap01

4019 sequences assigned
3961 (98.6%) exact matches, in which:
3867 unique CDR3
13 unique J



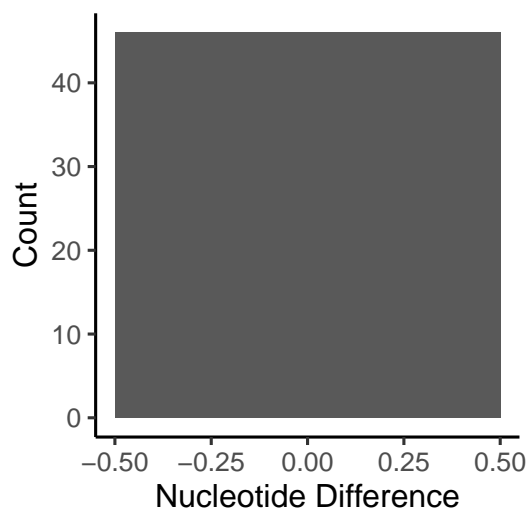
TRBV6–56*ap01

3528 sequences assigned
3480 (98.6%) exact matches, in which:
3406 unique CDR3
13 unique J



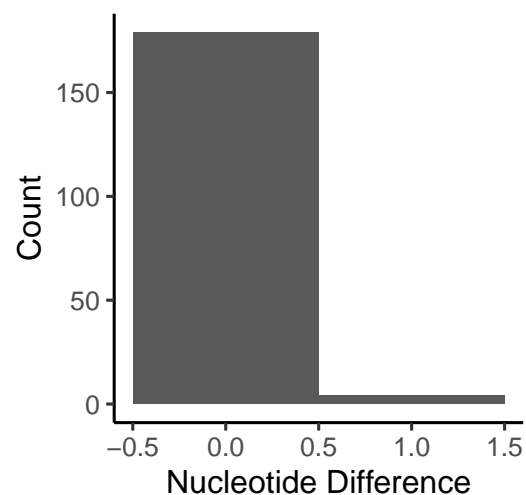
TRBV7–1*ap01_G291C_T

46 sequences assigned
46 (100%) exact matches, in which:
41 unique CDR3
10 unique J



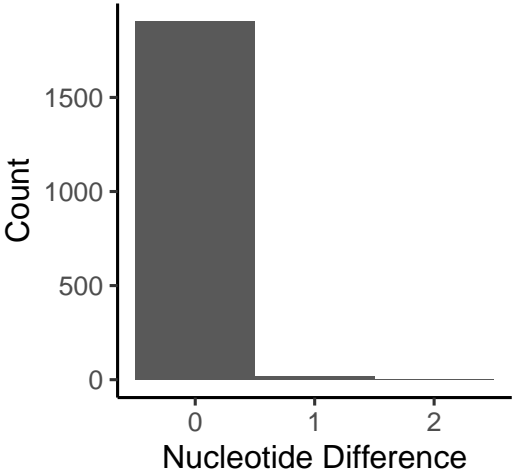
TRBV7–4*ap01

183 sequences assigned
179 (97.8%) exact matches, in which:
172 unique CDR3
13 unique J



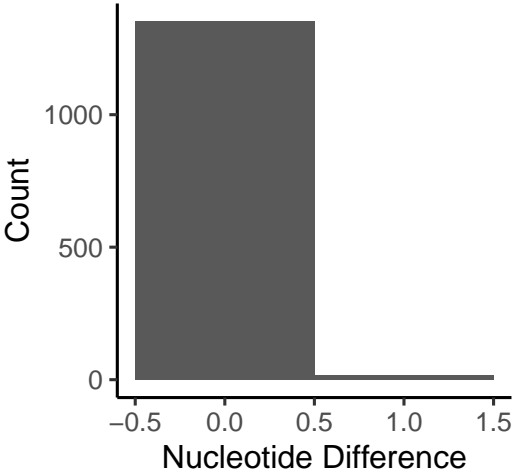
TRBV7-6*ap01

1926 sequences assigned
1904 (98.9%) exact matches, in which:
1866 unique CDR3
13 unique J



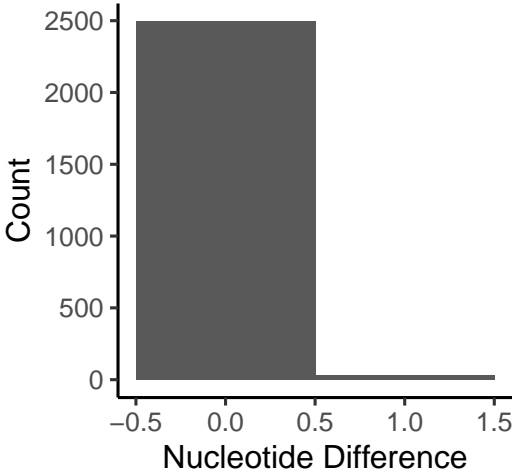
TRBV7-8*ap01

1369 sequences assigned
1352 (98.8%) exact matches, in which:
1320 unique CDR3
13 unique J



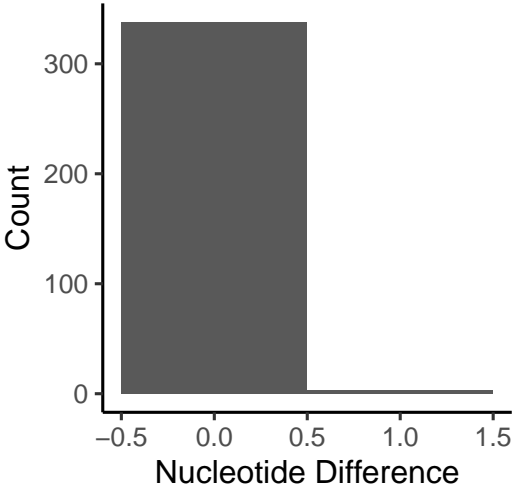
TRBV29-1*ap01

2529 sequences assigned
2495 (98.7%) exact matches, in which:
2456 unique CDR3
14 unique J



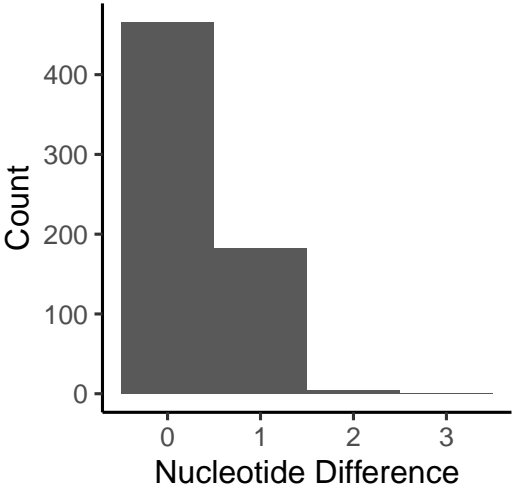
TRBV7-7*ap01

341 sequences assigned
338 (99.1%) exact matches, in which:
333 unique CDR3
13 unique J



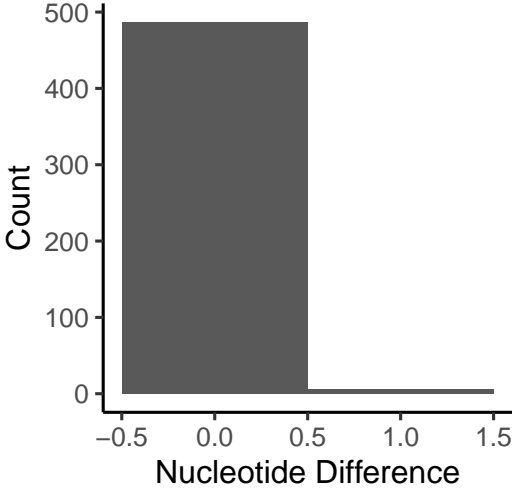
TRBV7-8*ap03

655 sequences assigned
466 (71.1%) exact matches, in which:
458 unique CDR3
13 unique J



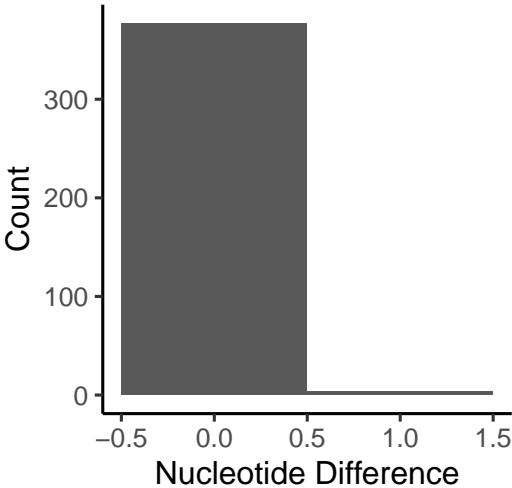
TRBV29-1*ap02

493 sequences assigned
487 (98.8%) exact matches, in which:
476 unique CDR3
13 unique J



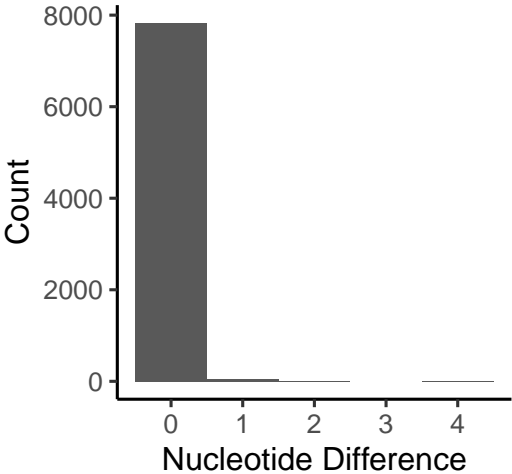
TRBV7-7*ap01_C315T

381 sequences assigned
377 (99%) exact matches, in which:
372 unique CDR3
13 unique J

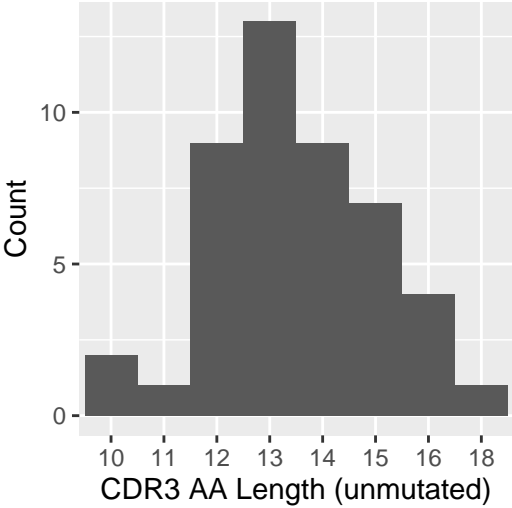


TRBV7-9*ap01

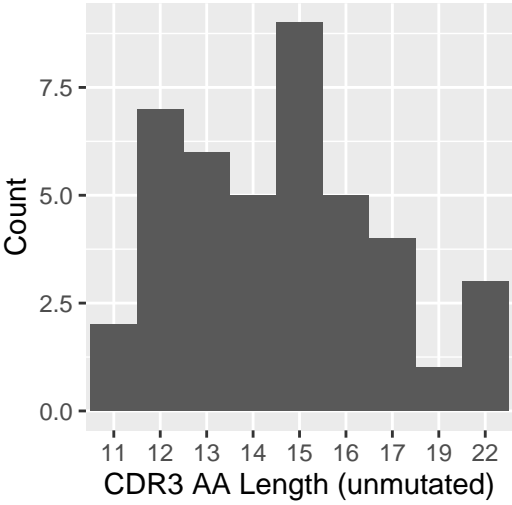
7886 sequences assigned
7827 (99.3%) exact matches, in which:
7680 unique CDR3
13 unique J



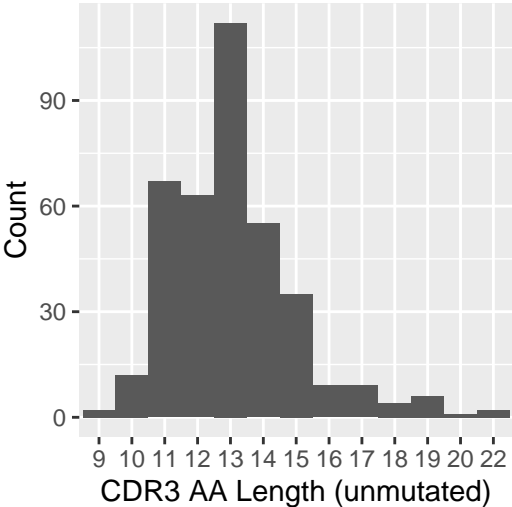
TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





[illegible]