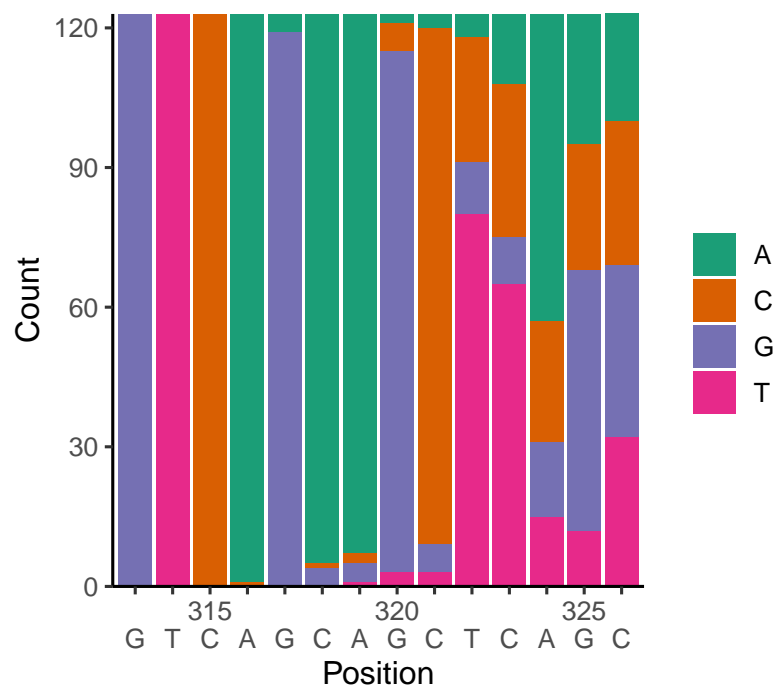
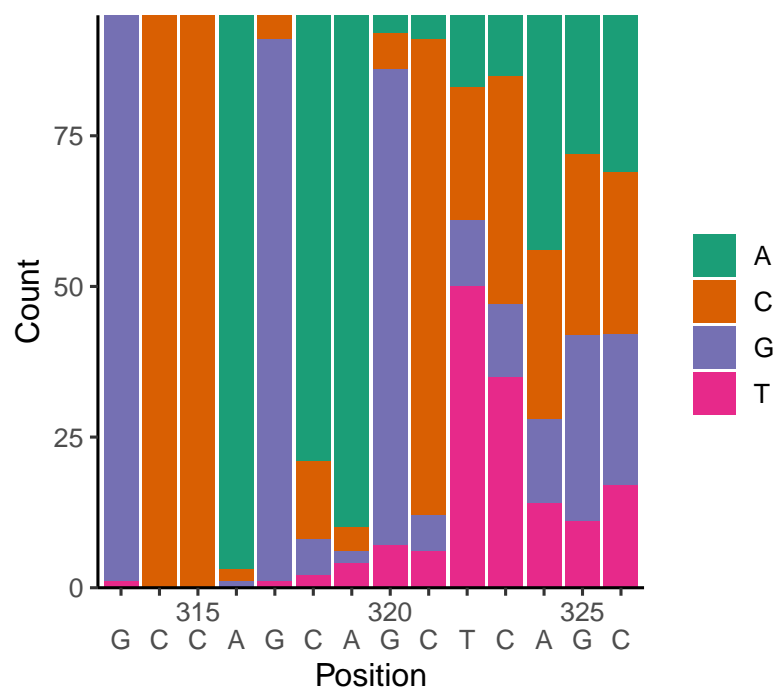


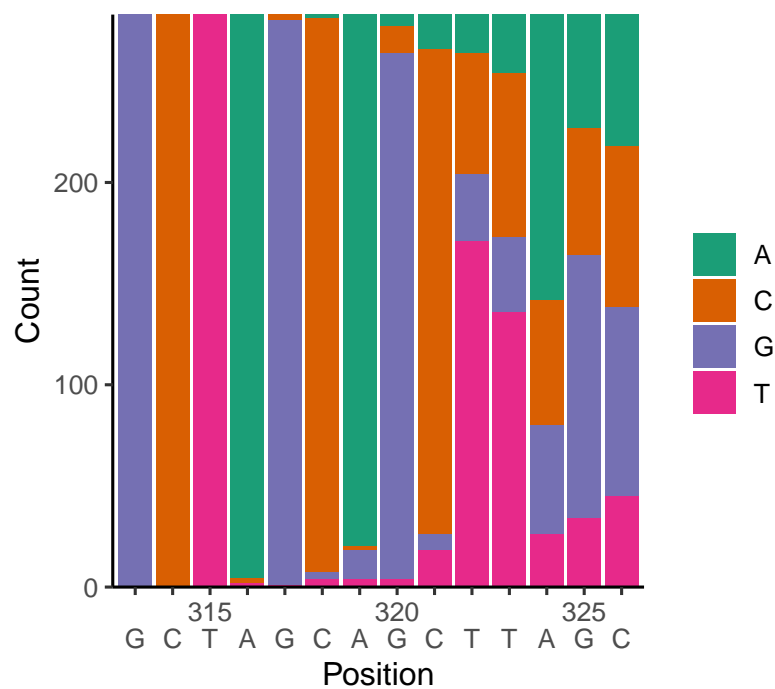
Gene TRBV7-1*ap01_G291C_T296C_C314T



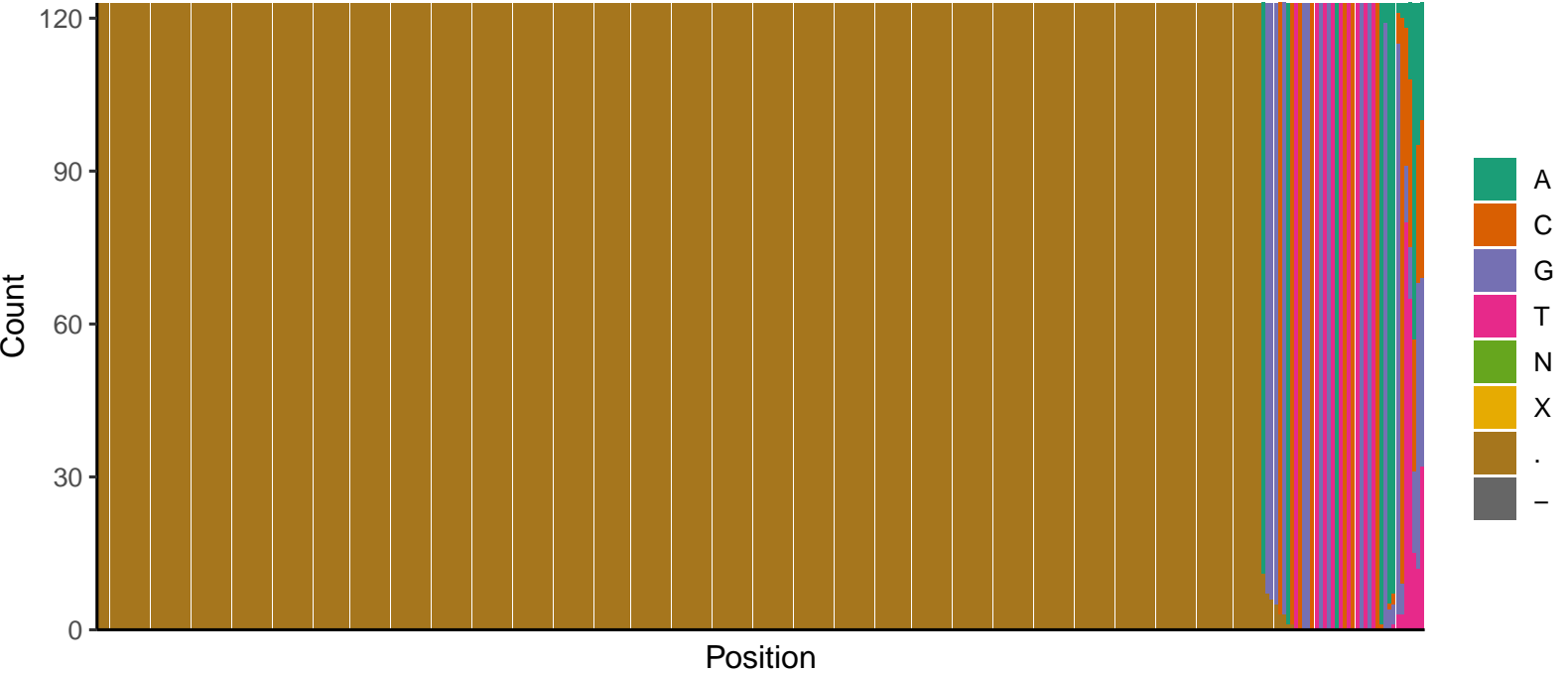
Gene TRBV7-1*ap01_G291C_T296C



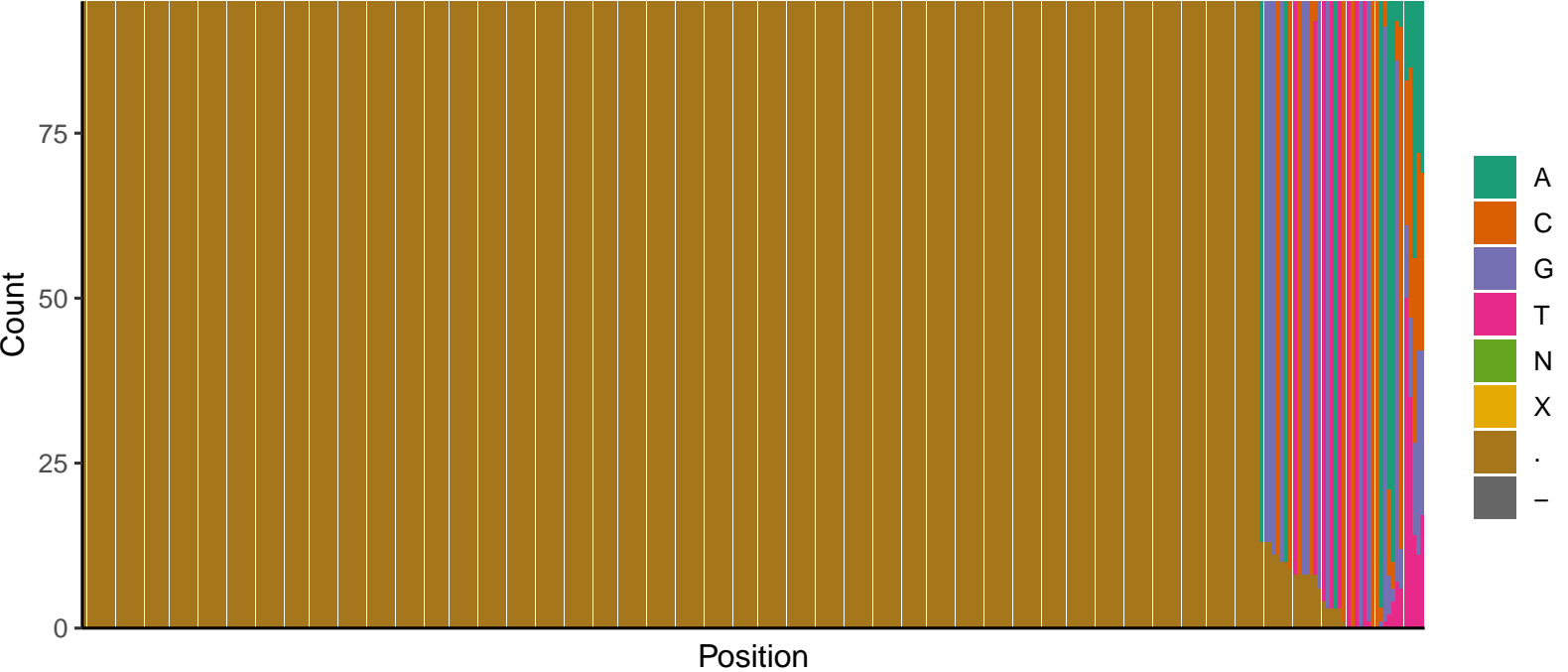
Gene TRBV7-7*ap01_C315T



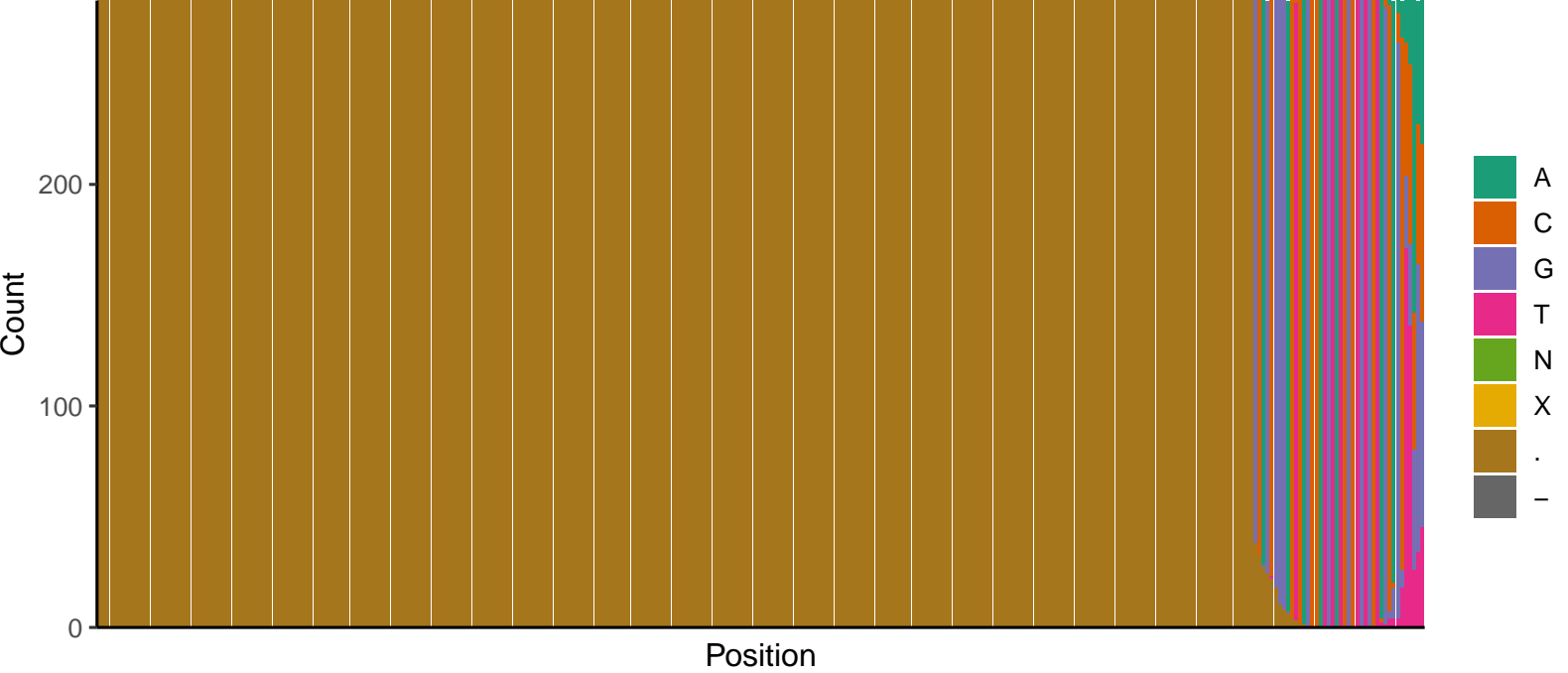
Gene TRBV7-1*ap01_G291C_T296C_C314T



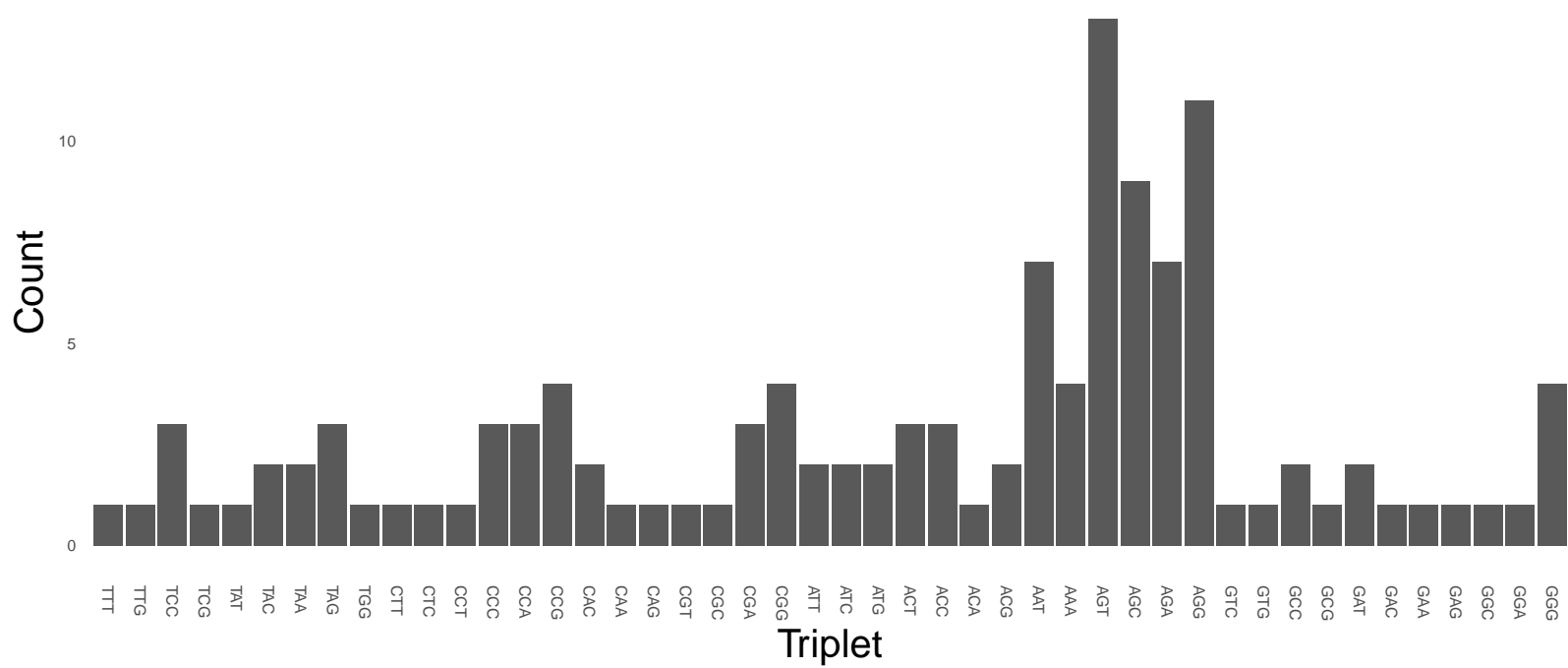
Gene TRBV7-1*ap01_G291C_T296C



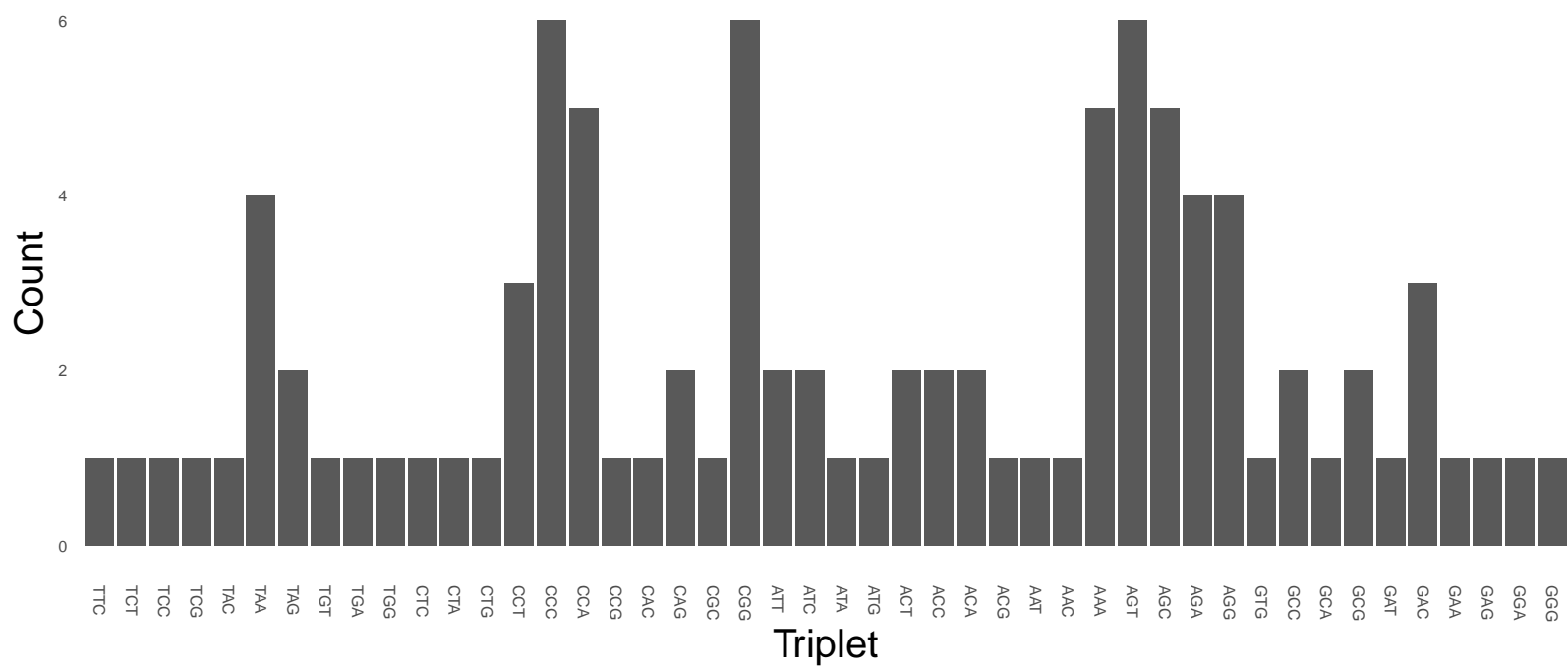
Gene TRBV7-7*ap01_C315T



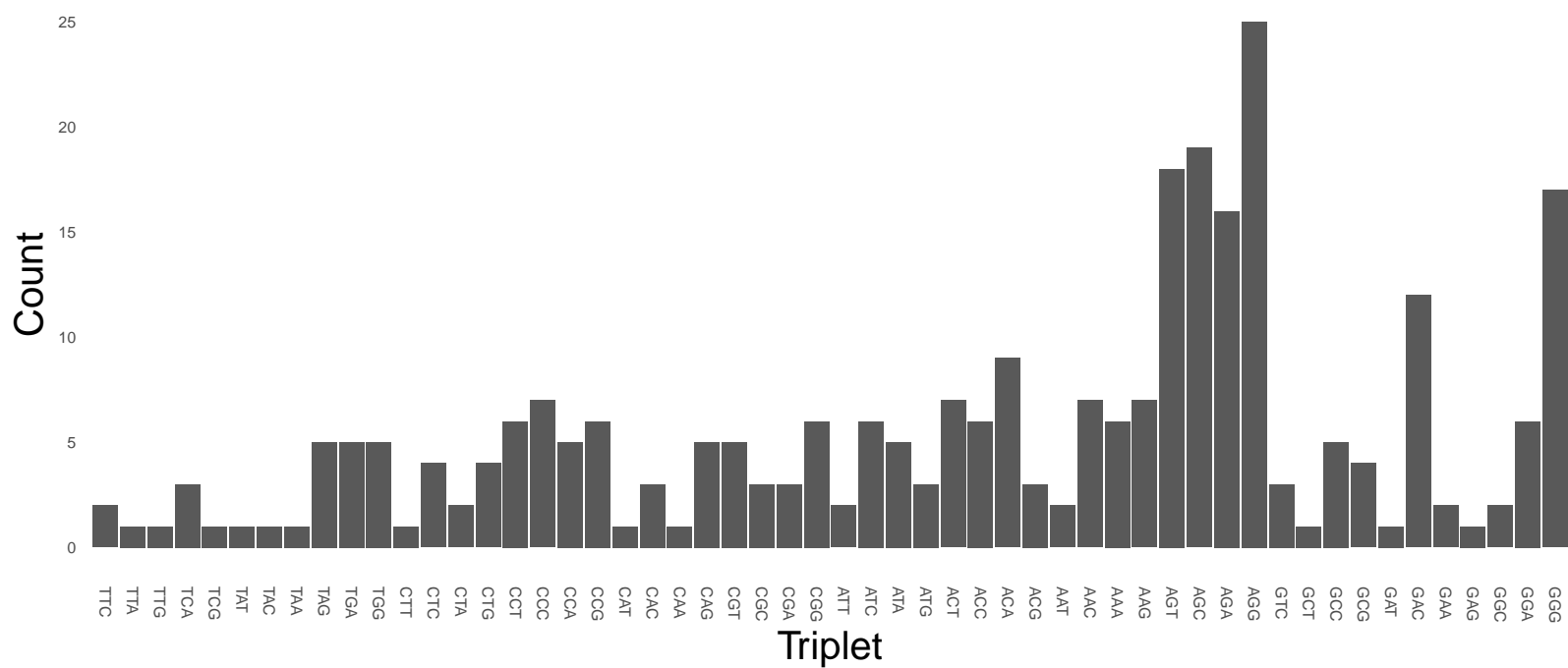
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

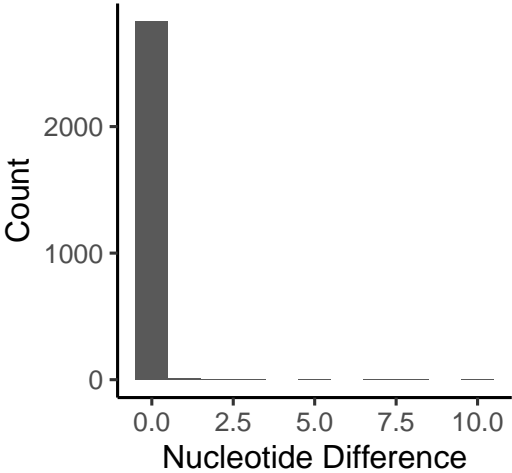


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



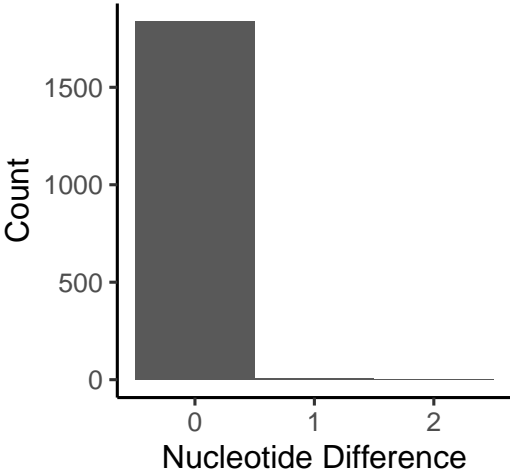
TRBV10-1*ap01

2850 sequences assigned
2831 (99.3%) exact matches, in which:
2805 unique CDR3
13 unique J



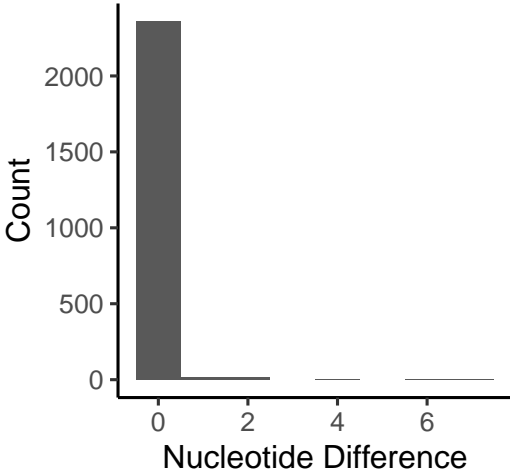
TRBV10-2*ap01

1849 sequences assigned
1838 (99.4%) exact matches, in which:
1821 unique CDR3
13 unique J



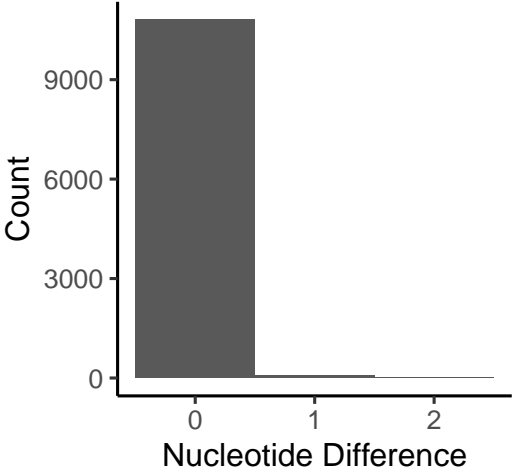
TRBV13*ap01

2399 sequences assigned
2359 (98.3%) exact matches, in which:
2332 unique CDR3
13 unique J



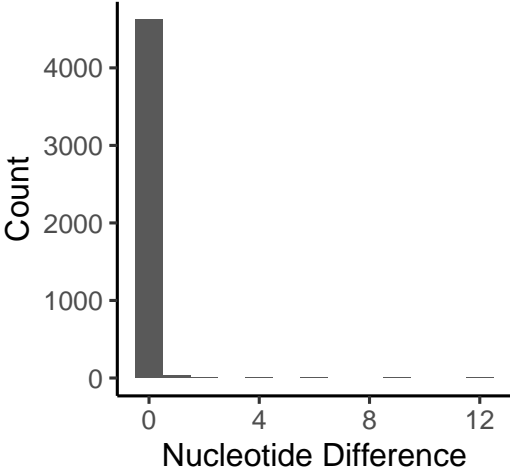
TRBV20-1*ap01

10881 sequences assigned
10808 (99.3%) exact matches, in which:
10720 unique CDR3
13 unique J



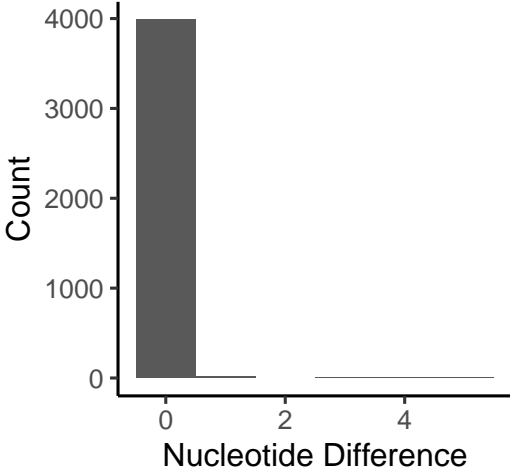
TRBV10-3*ap01

4662 sequences assigned
4621 (99.1%) exact matches, in which:
4589 unique CDR3
13 unique J



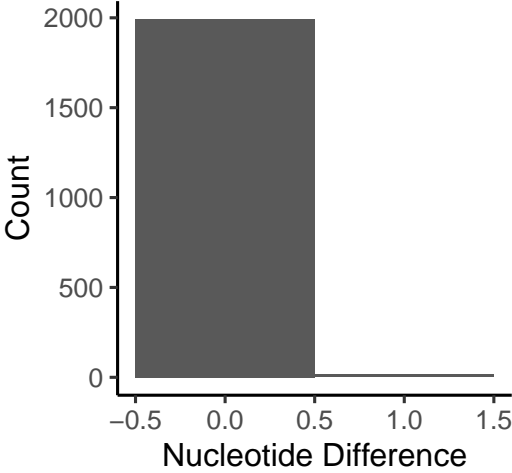
TRBV14*ap01

4002 sequences assigned
3987 (99.6%) exact matches, in which:
3958 unique CDR3
13 unique J



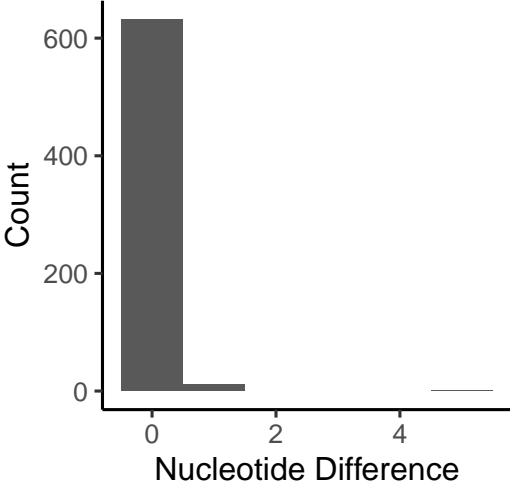
TRBV20-1*ap02

2008 sequences assigned
1993 (99.3%) exact matches, in which:
1977 unique CDR3
13 unique J



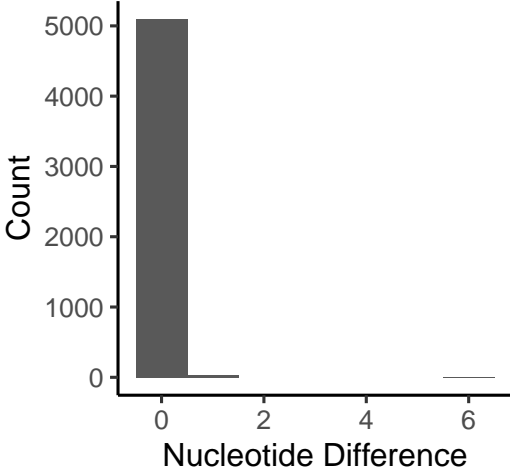
TRBV1*ap01

644 sequences assigned
632 (98.1%) exact matches, in which:
620 unique CDR3
13 unique J



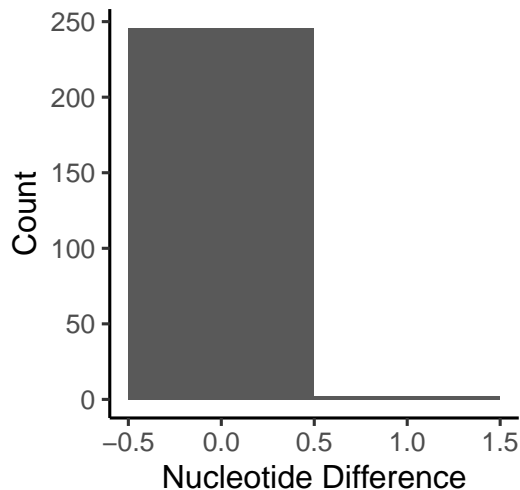
TRBV15*ap02

5135 sequences assigned
5097 (99.3%) exact matches, in which:
5020 unique CDR3
13 unique J



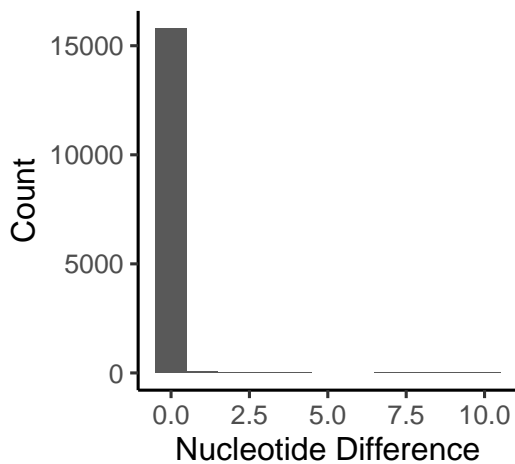
TRBV16*ap01

248 sequences assigned
246 (99.2%) exact matches, in which:
245 unique CDR3
13 unique J



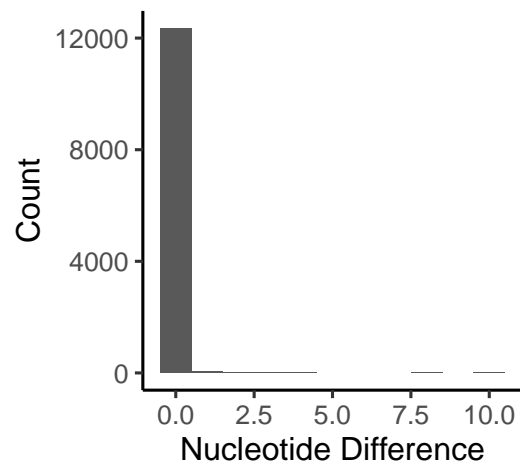
TRBV19*ap01

15907 sequences assigned
15806 (99.4%) exact matches, in which:
15721 unique CDR3
13 unique J



TRBV27*ap01

12437 sequences assigned
12356 (99.3%) exact matches, in which:
12219 unique CDR3
13 unique J



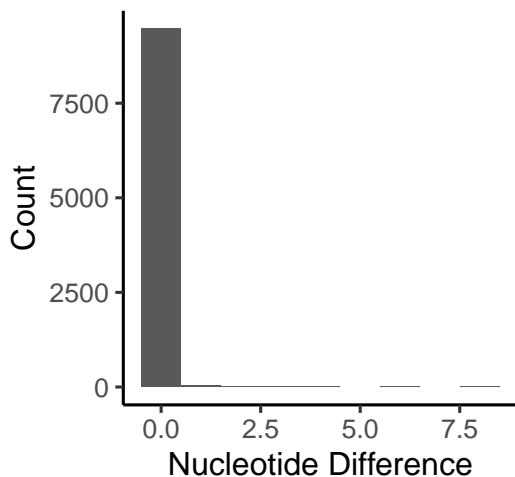
TRBV17*ap01

1 sequences assigned
No exact matches.



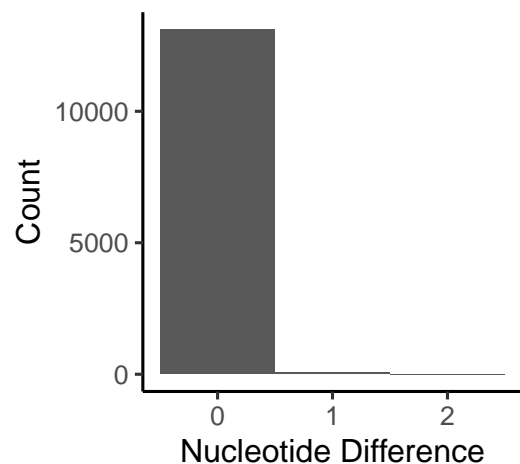
TRBV2*ap01

9526 sequences assigned
9468 (99.4%) exact matches, in which:
9384 unique CDR3
13 unique J



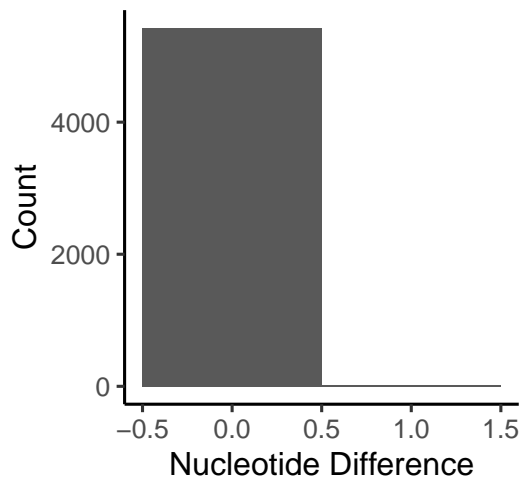
TRBV28*ap01

13176 sequences assigned
13111 (99.5%) exact matches, in which:
13010 unique CDR3
13 unique J



TRBV18*ap01

5442 sequences assigned
5425 (99.7%) exact matches, in which:
5402 unique CDR3
13 unique J



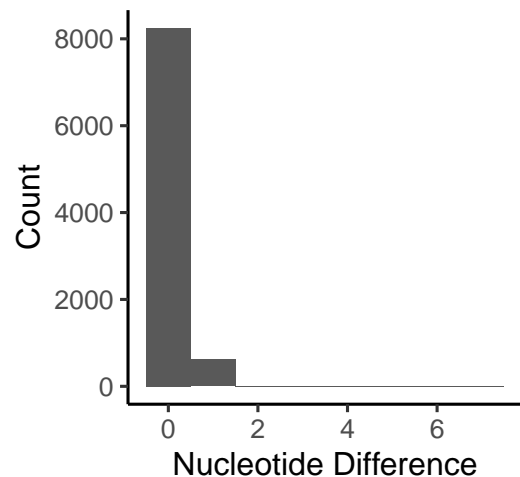
TRBV26*ap01

1 sequences assigned
No exact matches.



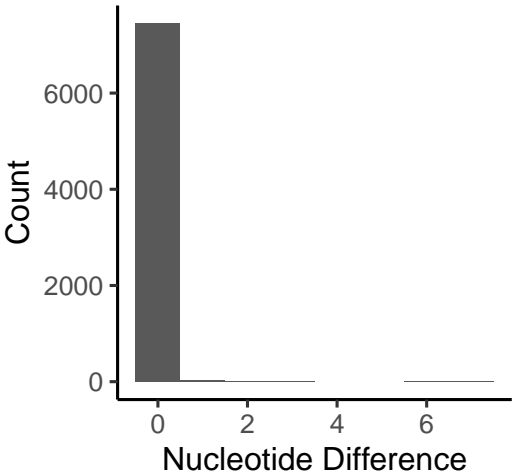
TRBV30*ap01

8893 sequences assigned
8248 (92.7%) exact matches, in which:
8089 unique CDR3
13 unique J



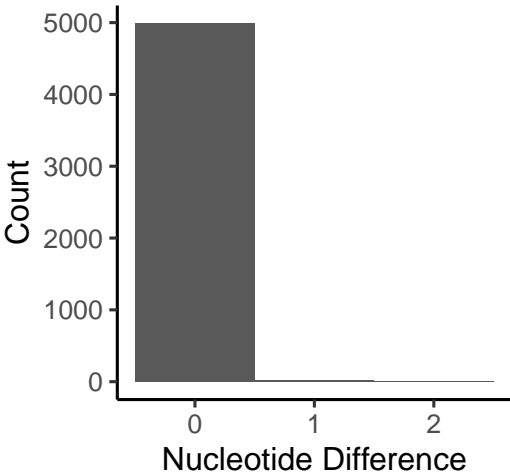
TRBV9*ap01

7477 sequences assigned
7449 (99.6%) exact matches, in which:
7396 unique CDR3
13 unique J



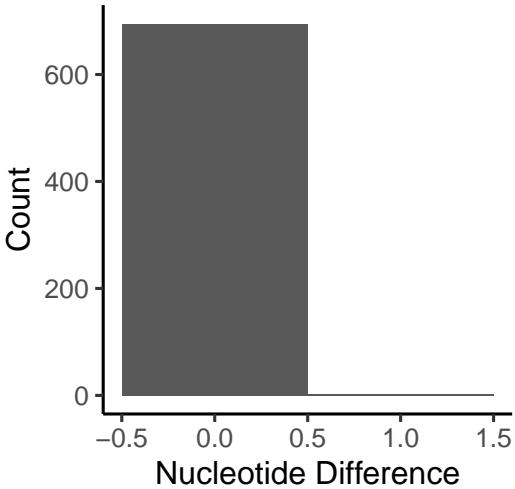
TRBV11-2*ap01

5013 sequences assigned
4989 (99.5%) exact matches, in which:
4964 unique CDR3
13 unique J



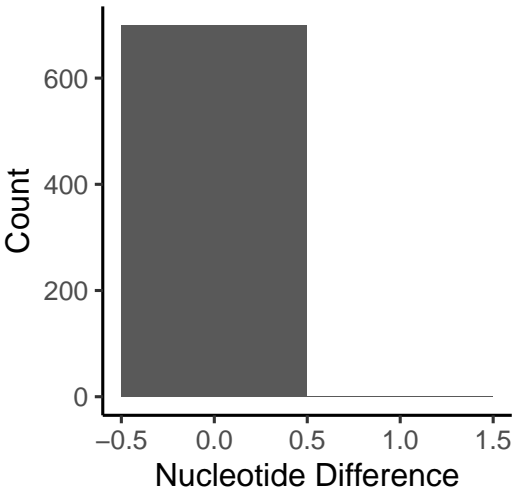
TRBV12-2*ap01

697 sequences assigned
695 (99.7%) exact matches, in which:
692 unique CDR3
13 unique J



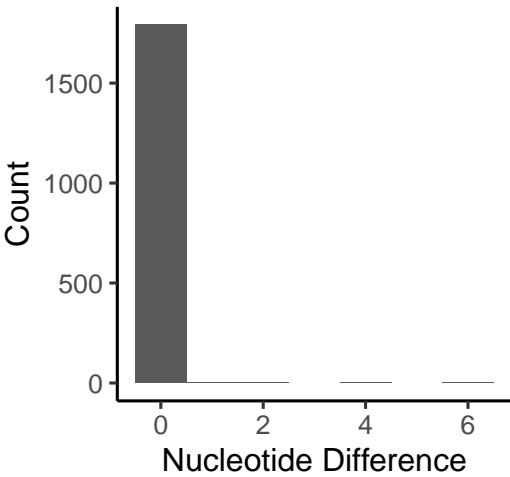
TRBV11-1*ap01

701 sequences assigned
700 (99.9%) exact matches, in which:
697 unique CDR3
13 unique J



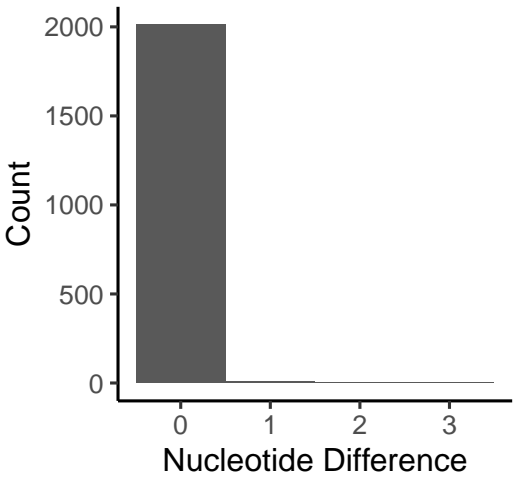
TRBV11-3*ap01

1799 sequences assigned
1792 (99.6%) exact matches, in which:
1783 unique CDR3
13 unique J



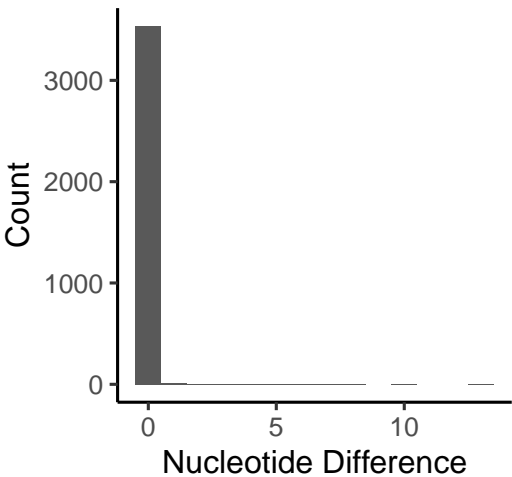
TRBV12-5*ap01

2028 sequences assigned
2012 (99.2%) exact matches, in which:
2001 unique CDR3
13 unique J



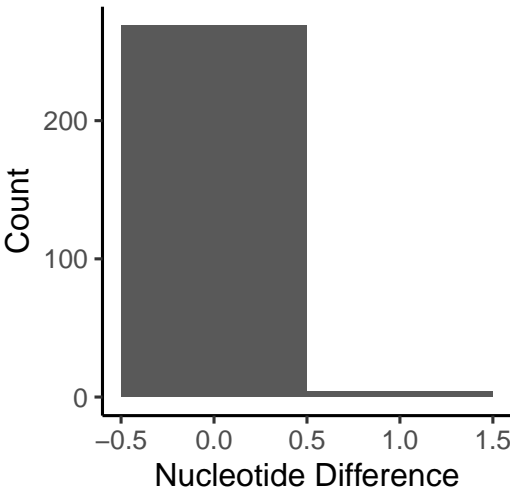
TRBV21-1*ap01

3572 sequences assigned
3536 (99%) exact matches, in which:
3526 unique CDR3
13 unique J



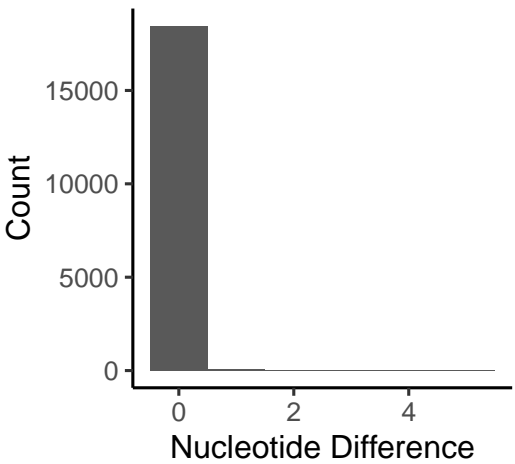
TRBV12-1*ap01

273 sequences assigned
269 (98.5%) exact matches, in which:
266 unique CDR3
13 unique J



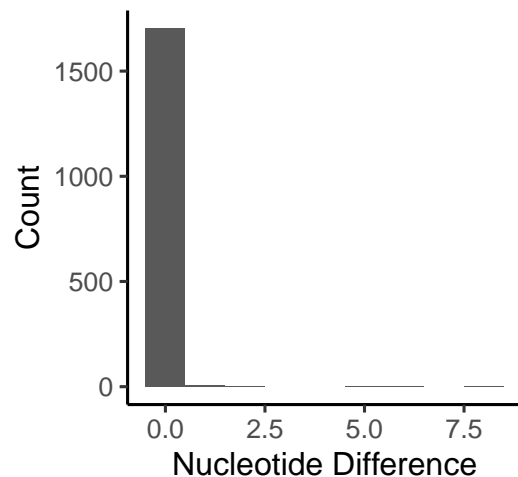
TRBV12-34*ap01

18577 sequences assigned
18463 (99.4%) exact matches, in which:
18264 unique CDR3
13 unique J



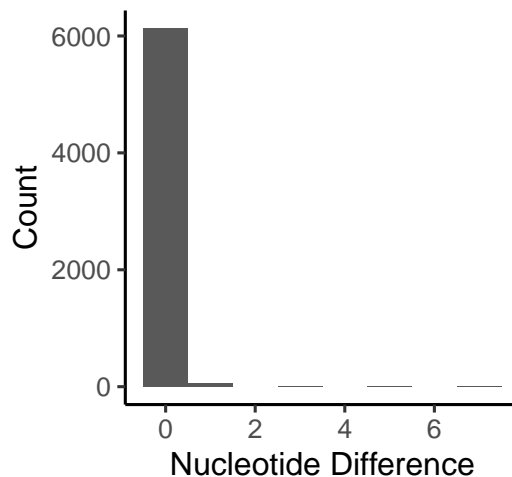
TRBV23-1*ap01

1717 sequences assigned
1703 (99.2%) exact matches, in which:
1693 unique CDR3
13 unique J



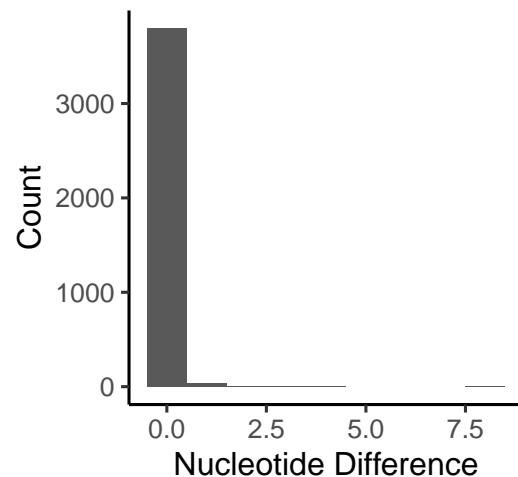
TRBV4-1*ap01

6185 sequences assigned
6129 (99.1%) exact matches, in which:
6024 unique CDR3
13 unique J



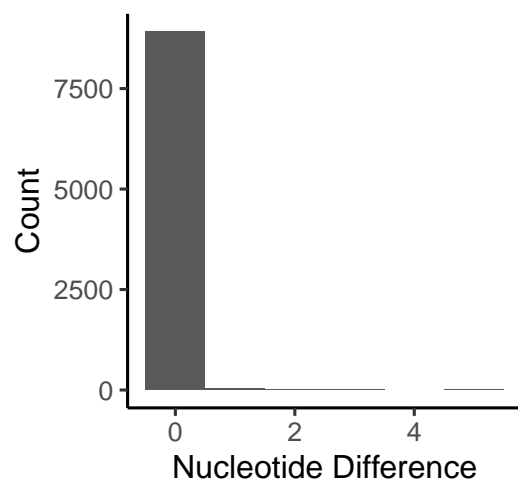
TRBV25-1*ap01

3847 sequences assigned
3796 (98.7%) exact matches, in which:
3738 unique CDR3
13 unique J



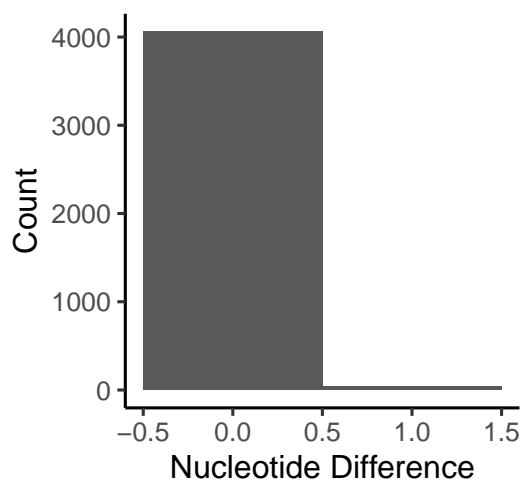
TRBV3-12*ap01

8970 sequences assigned
8915 (99.4%) exact matches, in which:
8877 unique CDR3
13 unique J



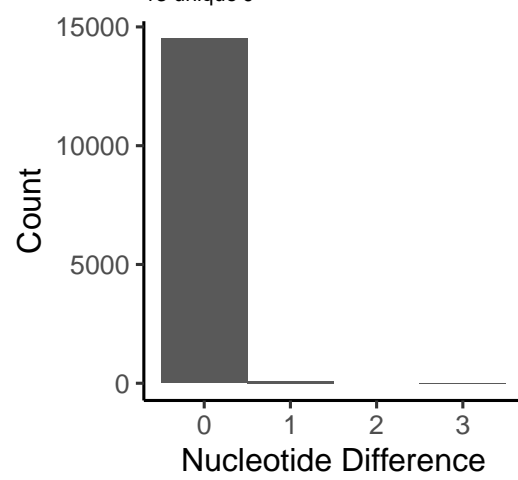
TRBV4-2*ap01

4098 sequences assigned
4060 (99.1%) exact matches, in which:
4014 unique CDR3
13 unique J



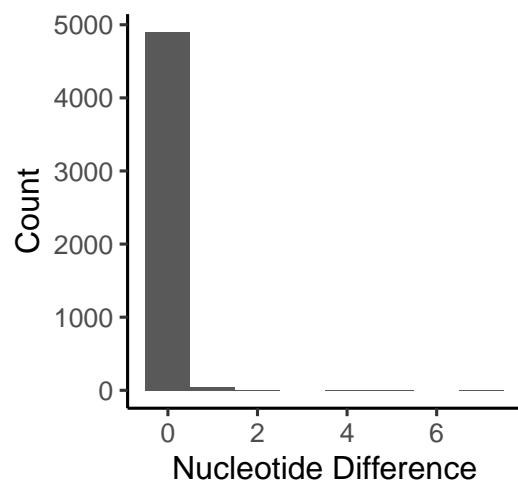
TRBV5-1*ap01

14603 sequences assigned
14513 (99.4%) exact matches, in which:
14288 unique CDR3
13 unique J



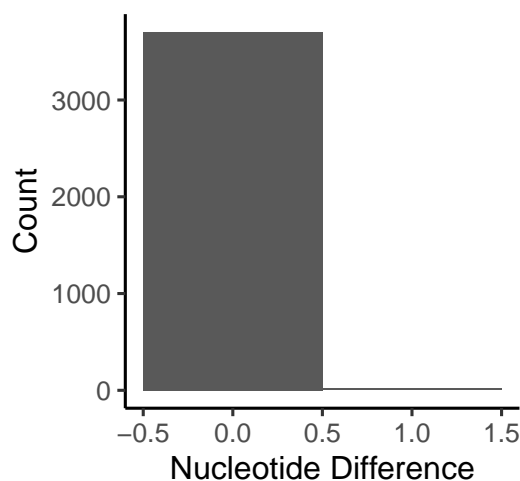
TRBV24-1*ap01

4954 sequences assigned
4900 (98.9%) exact matches, in which:
4847 unique CDR3
13 unique J



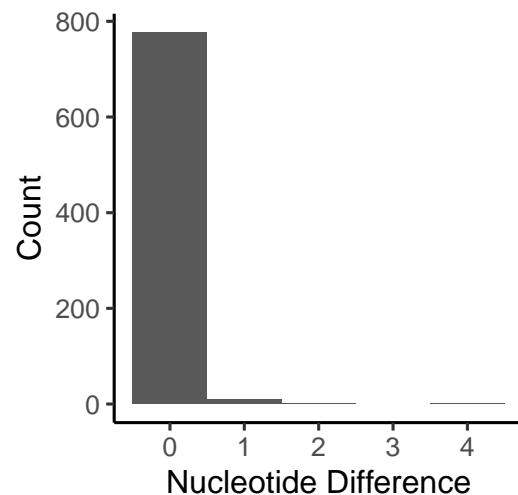
TRBV4-3*ap01

3722 sequences assigned
3702 (99.5%) exact matches, in which:
3639 unique CDR3
13 unique J



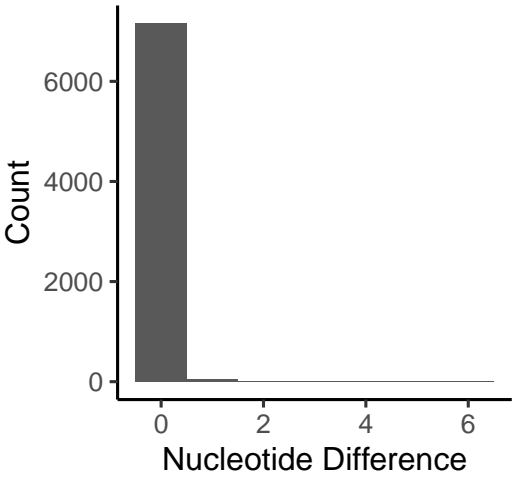
TRBV5-3*ap01

788 sequences assigned
777 (98.6%) exact matches, in which:
768 unique CDR3
13 unique J



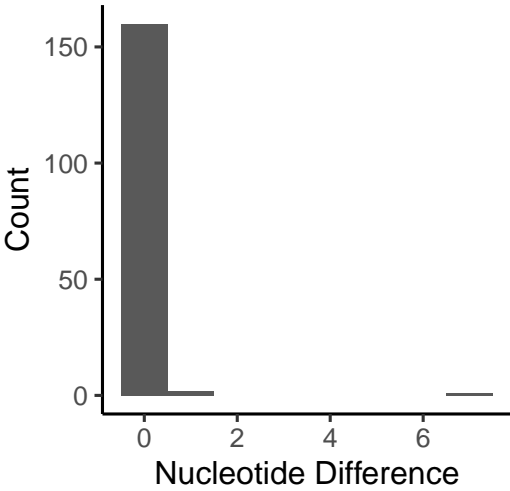
TRBV5-4*ap01

7211 sequences assigned
7158 (99.3%) exact matches, in which:
7079 unique CDR3
13 unique J



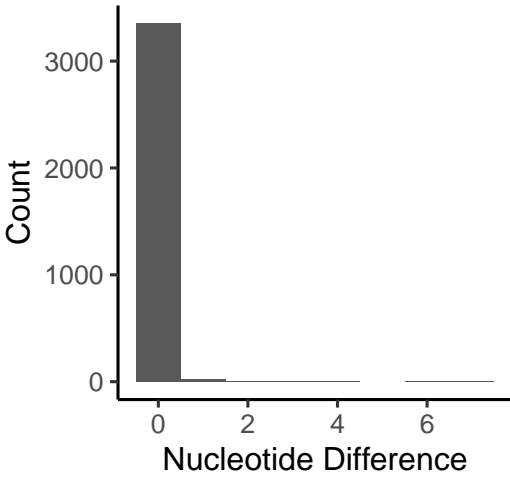
TRBV5-7*ap01

163 sequences assigned
160 (98.2%) exact matches, in which:
152 unique CDR3
13 unique J



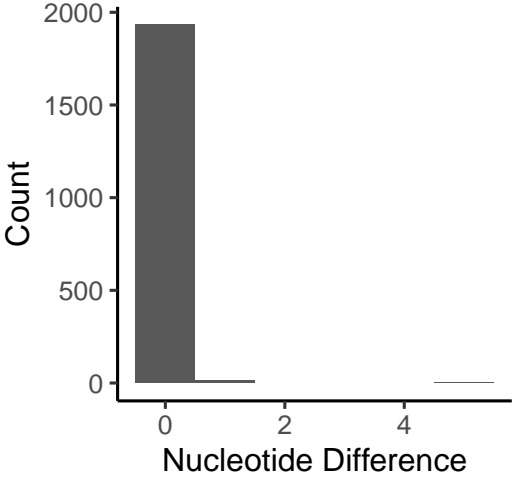
TRBV6-4*ap01

3386 sequences assigned
3353 (99%) exact matches, in which:
3337 unique CDR3
13 unique J



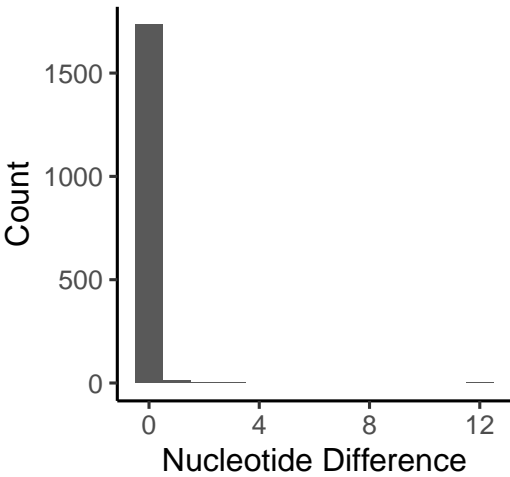
TRBV5-5*ap01

1948 sequences assigned
1933 (99.2%) exact matches, in which:
1919 unique CDR3
13 unique J



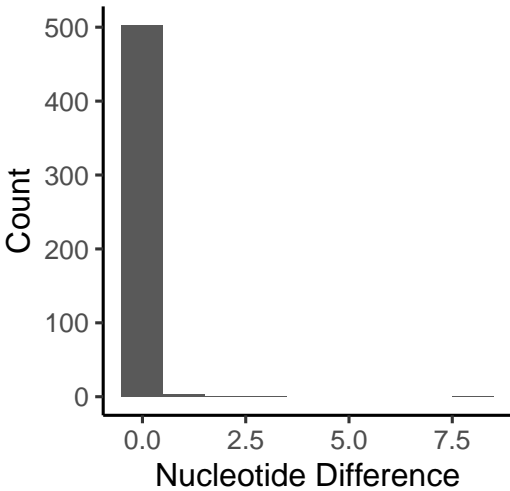
TRBV5-8*ap01

1748 sequences assigned
1734 (99.2%) exact matches, in which:
1718 unique CDR3
13 unique J



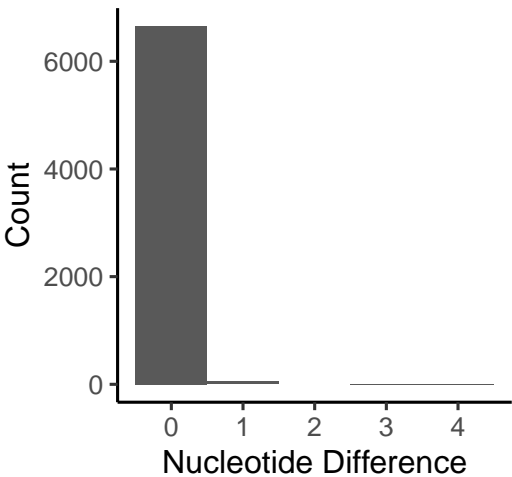
TRBV6-7*ap01

510 sequences assigned
503 (98.6%) exact matches, in which:
498 unique CDR3
13 unique J



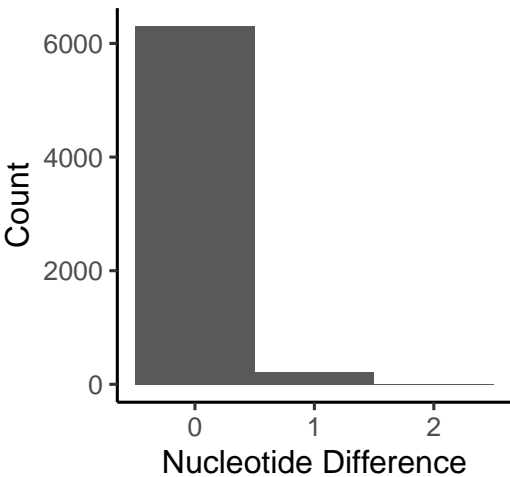
TRBV5-6*ap01

6711 sequences assigned
6655 (99.2%) exact matches, in which:
6521 unique CDR3
13 unique J



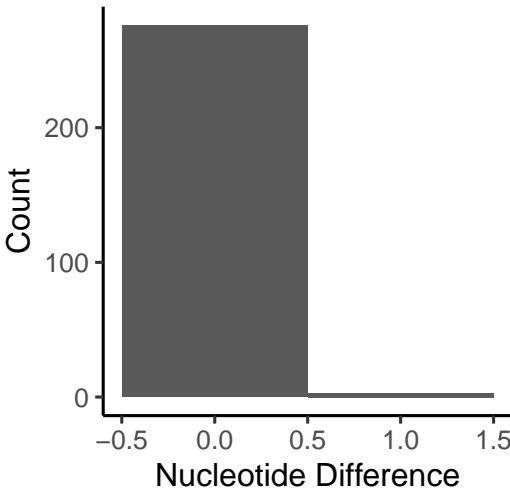
TRBV6-1*ap01

6522 sequences assigned
6306 (96.7%) exact matches, in which:
6207 unique CDR3
13 unique J



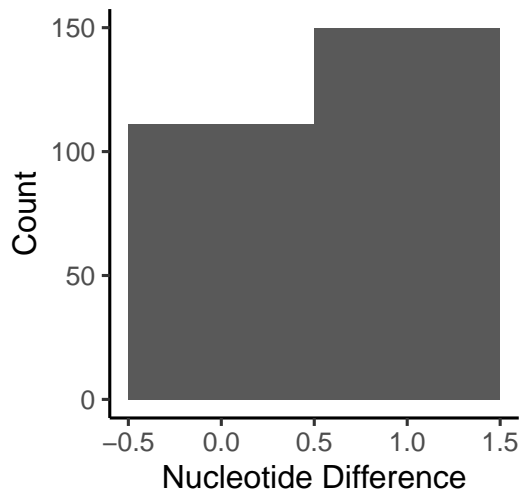
TRBV6-8*ap01

279 sequences assigned
276 (98.9%) exact matches, in which:
269 unique CDR3
13 unique J



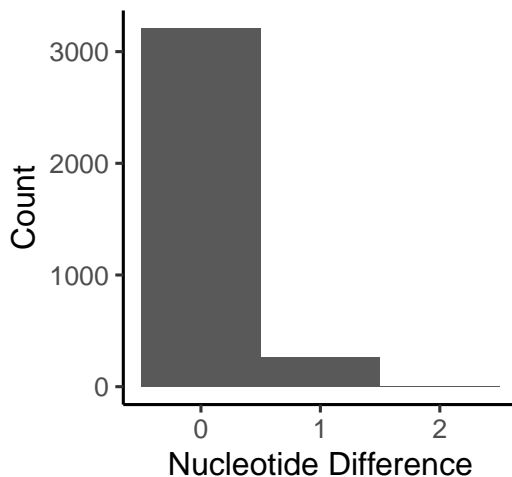
TRBV6–9*ap01

261 sequences assigned
111 (42.5%) exact matches, in which:
109 unique CDR3
11 unique J



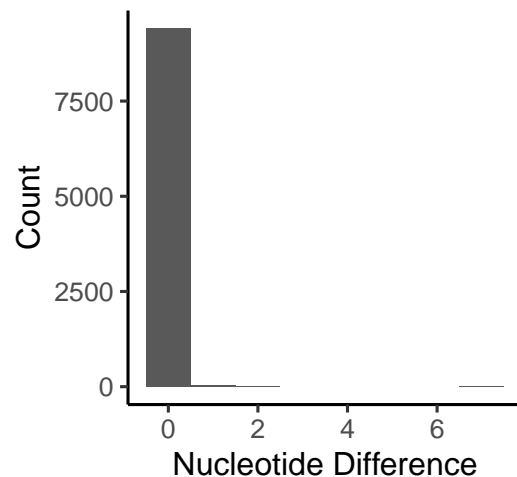
TRBV6–56*ap02

3472 sequences assigned
3208 (92.4%) exact matches, in which:
3159 unique CDR3
13 unique J



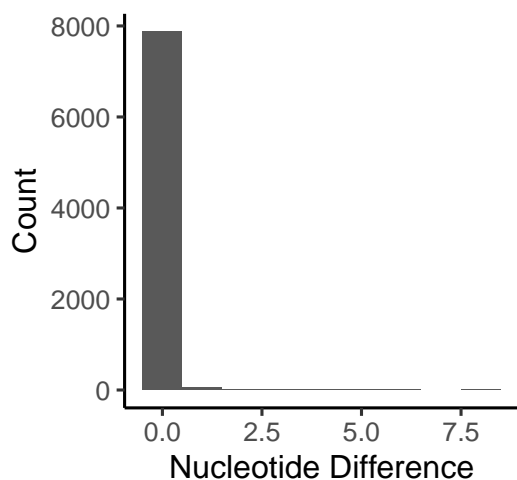
TRBV7–2*ap01

9449 sequences assigned
9408 (99.6%) exact matches, in which:
9349 unique CDR3
13 unique J



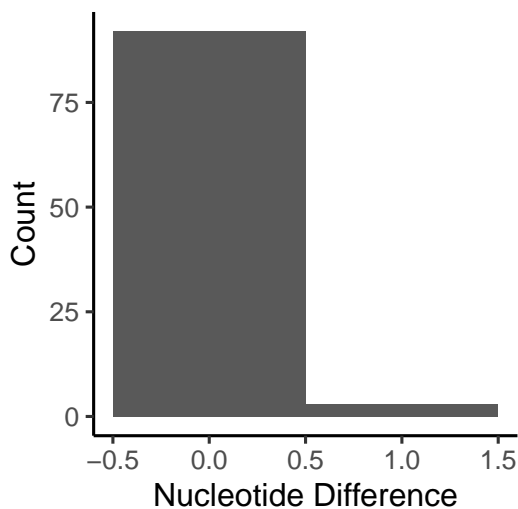
TRBV6–23*ap01

7944 sequences assigned
7873 (99.1%) exact matches, in which:
7711 unique CDR3
13 unique J



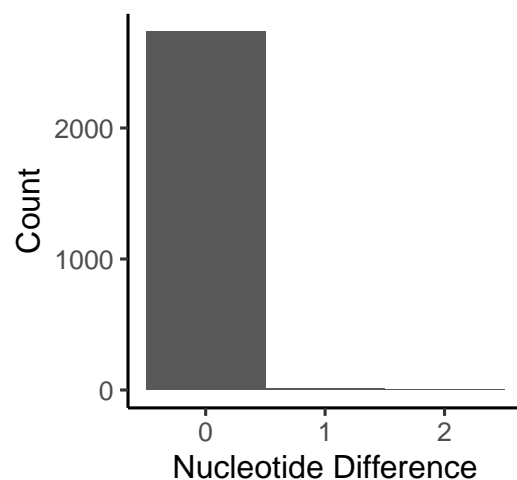
TRBV7–1*ap01_G291C_T

95 sequences assigned
92 (96.8%) exact matches, in which:
92 unique CDR3
12 unique J



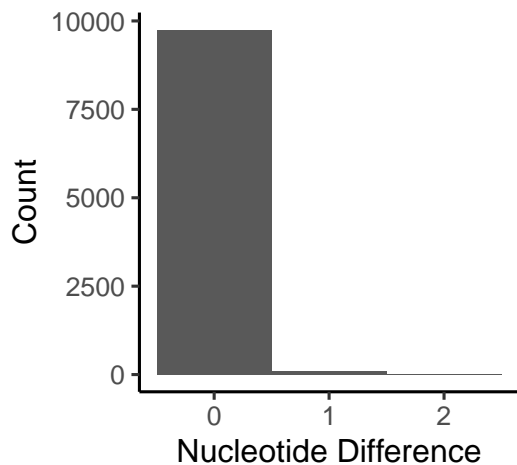
TRBV7–3*ap01

2747 sequences assigned
2735 (99.6%) exact matches, in which:
2722 unique CDR3
13 unique J



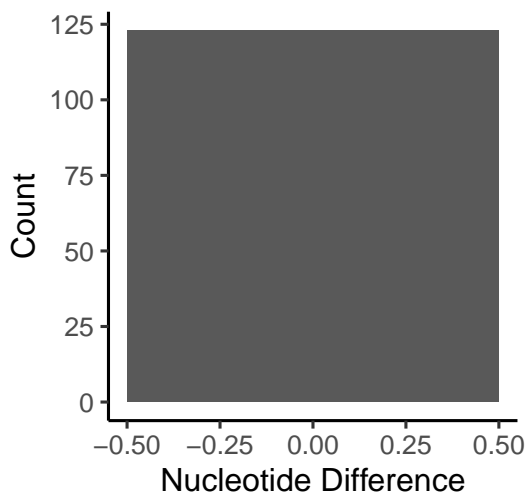
TRBV6–56*ap01

9836 sequences assigned
9750 (99.1%) exact matches, in which:
9588 unique CDR3
13 unique J



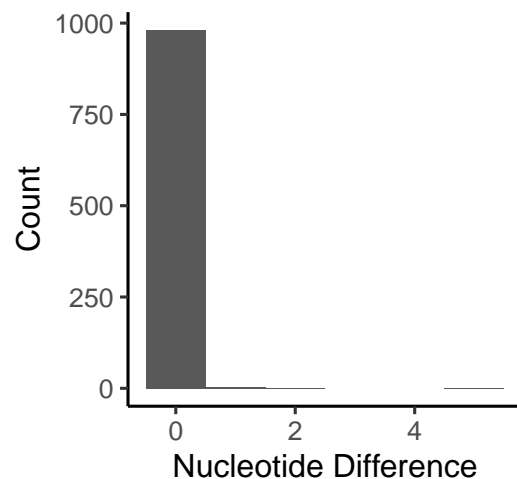
TRBV7–1*ap01_G291C_

123 sequences assigned
123 (100%) exact matches, in which:
123 unique CDR3
12 unique J



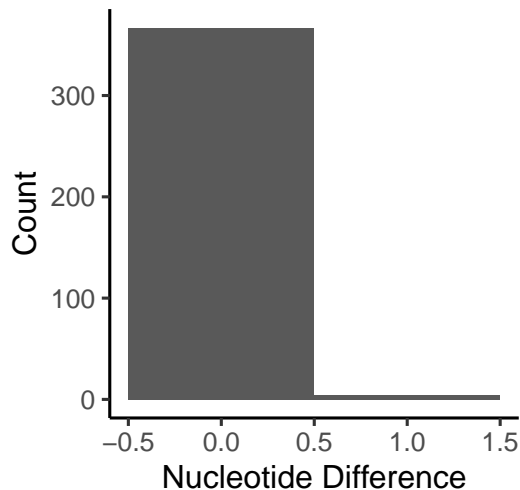
TRBV7–3*ap03

986 sequences assigned
981 (99.5%) exact matches, in which:
973 unique CDR3
13 unique J



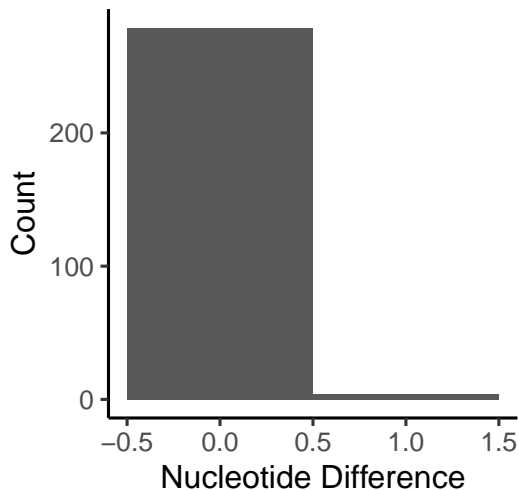
TRBV7-4*ap01

371 sequences assigned
367 (98.9%) exact matches, in which:
363 unique CDR3
13 unique J



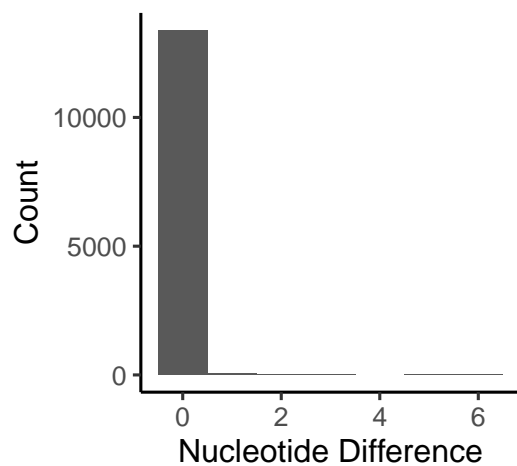
TRBV7-7*ap01_C315T

283 sequences assigned
279 (98.6%) exact matches, in which:
276 unique CDR3
13 unique J



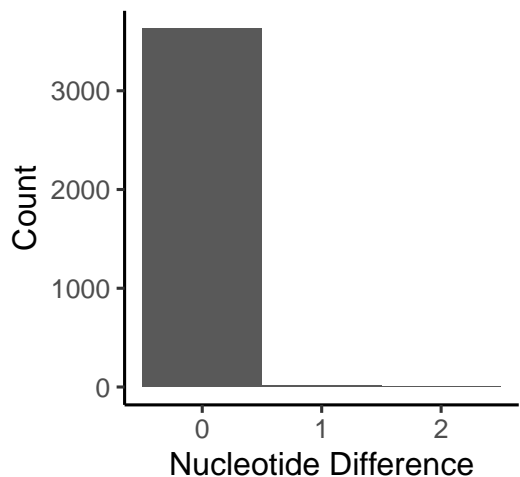
TRBV7-9*ap01

13449 sequences assigned
13390 (99.6%) exact matches, in which:
13256 unique CDR3
13 unique J



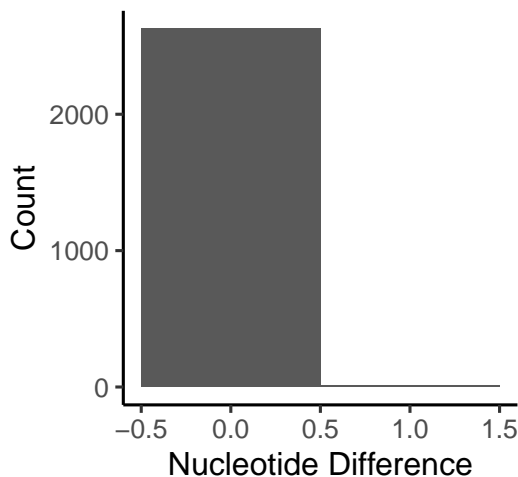
TRBV7-6*ap01

3643 sequences assigned
3628 (99.6%) exact matches, in which:
3588 unique CDR3
13 unique J



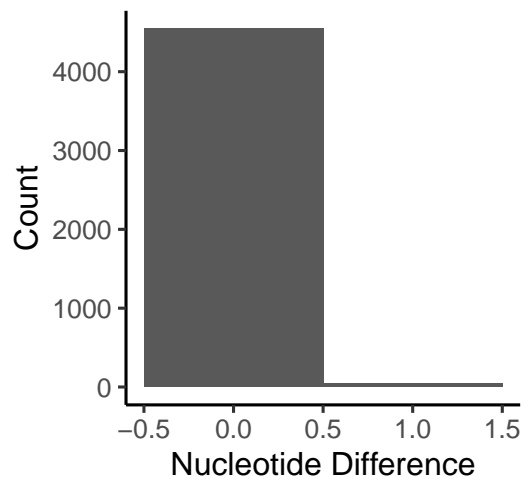
TRBV7-8*ap01

2636 sequences assigned
2627 (99.7%) exact matches, in which:
2610 unique CDR3
13 unique J



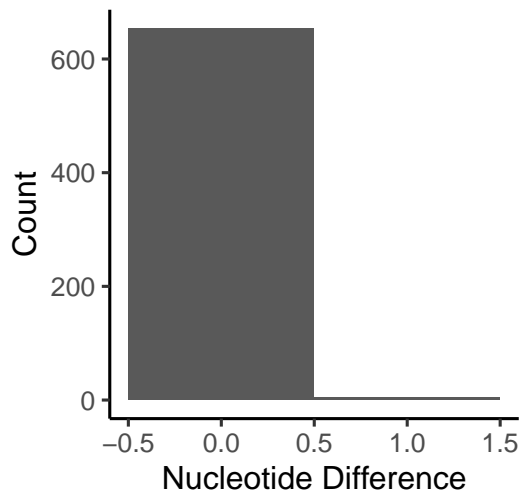
TRBV29-1*ap01

4590 sequences assigned
4545 (99%) exact matches, in which:
4449 unique CDR3
13 unique J



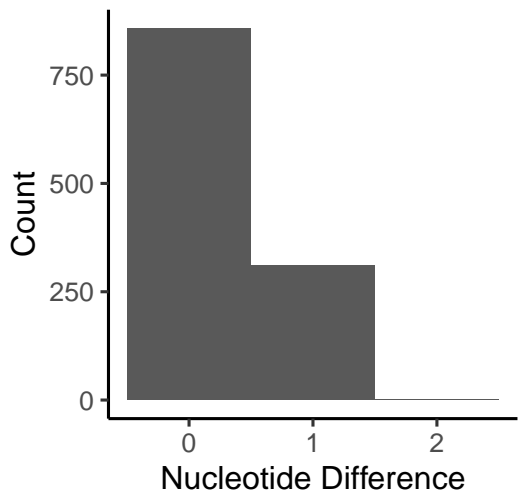
TRBV7-7*ap01

659 sequences assigned
654 (99.2%) exact matches, in which:
646 unique CDR3
13 unique J



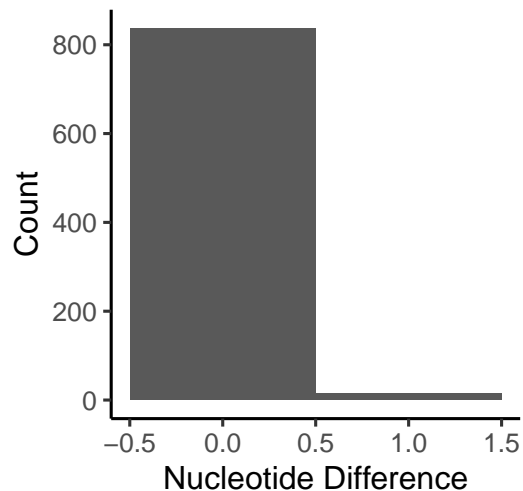
TRBV7-8*ap03

1169 sequences assigned
858 (73.4%) exact matches, in which:
851 unique CDR3
13 unique J

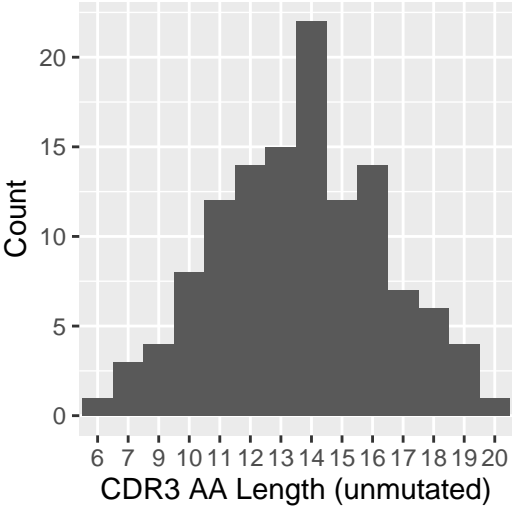


TRBV29-1*ap02

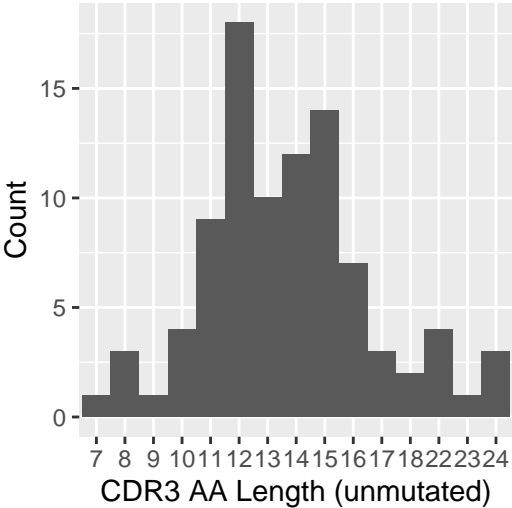
851 sequences assigned
837 (98.4%) exact matches, in which:
821 unique CDR3
13 unique J



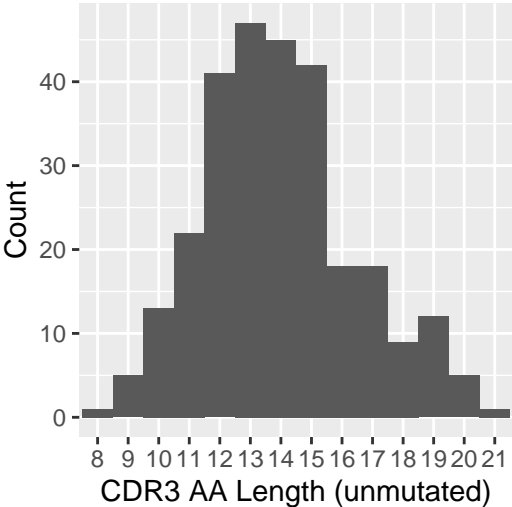
TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





[illegible]