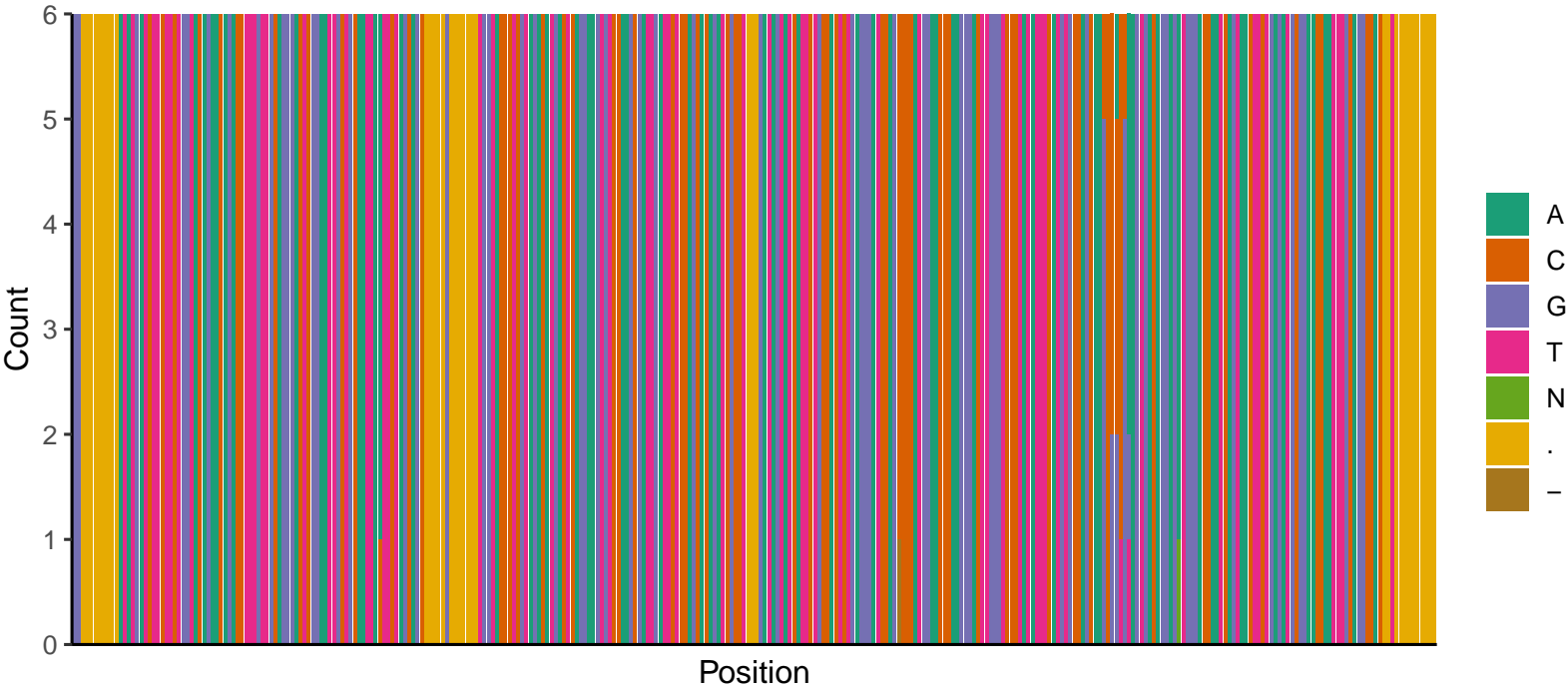


Gene TRBV12-1*01_C165A



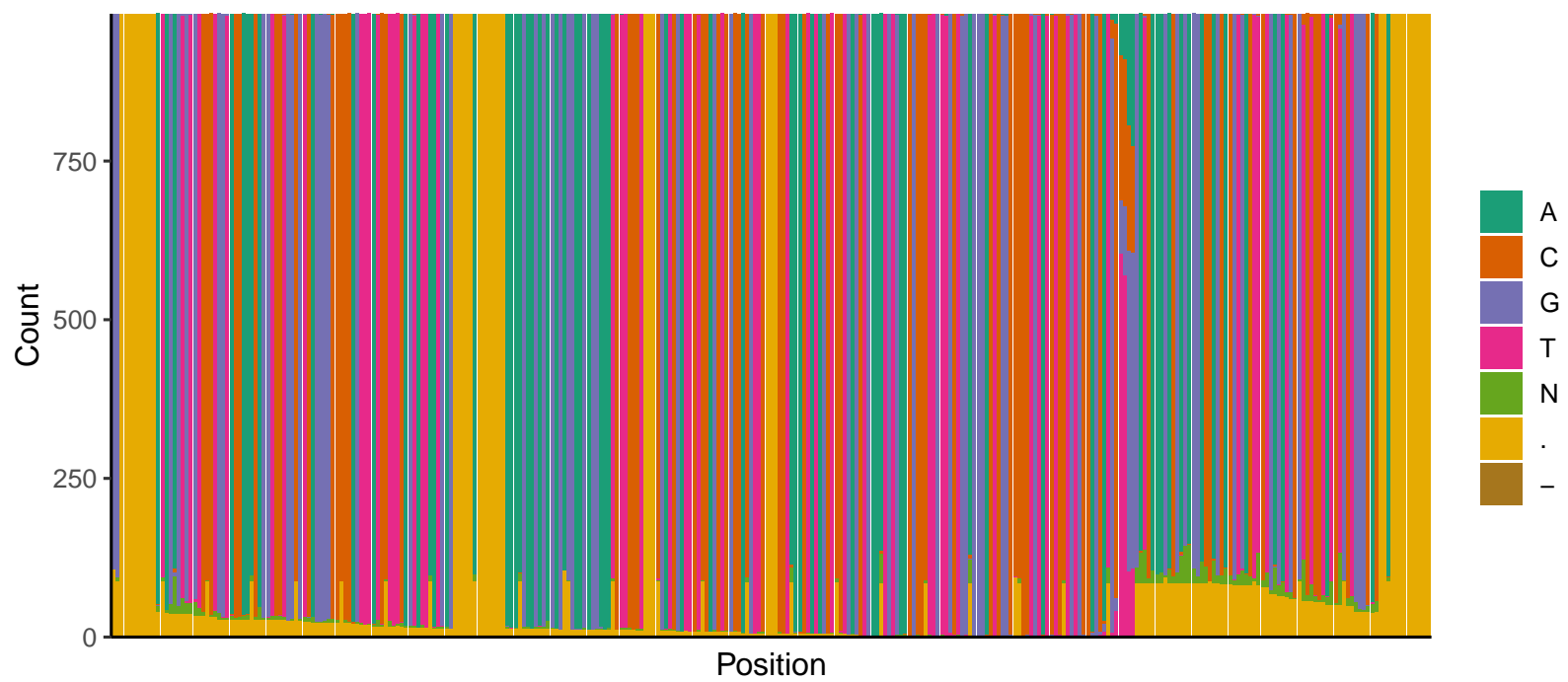
Gene TRBV12-5*01_C28G



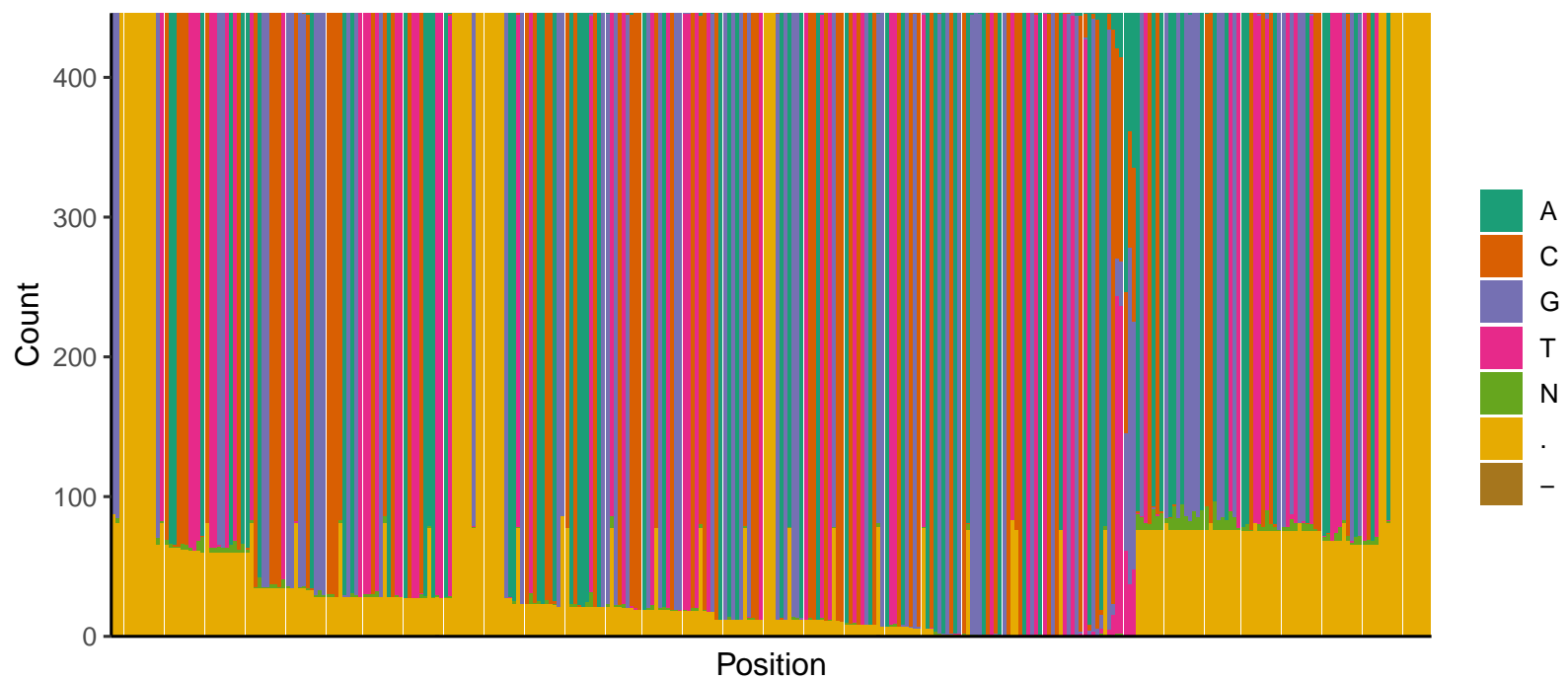
Gene TRBV20-1*02_319AGAGA323



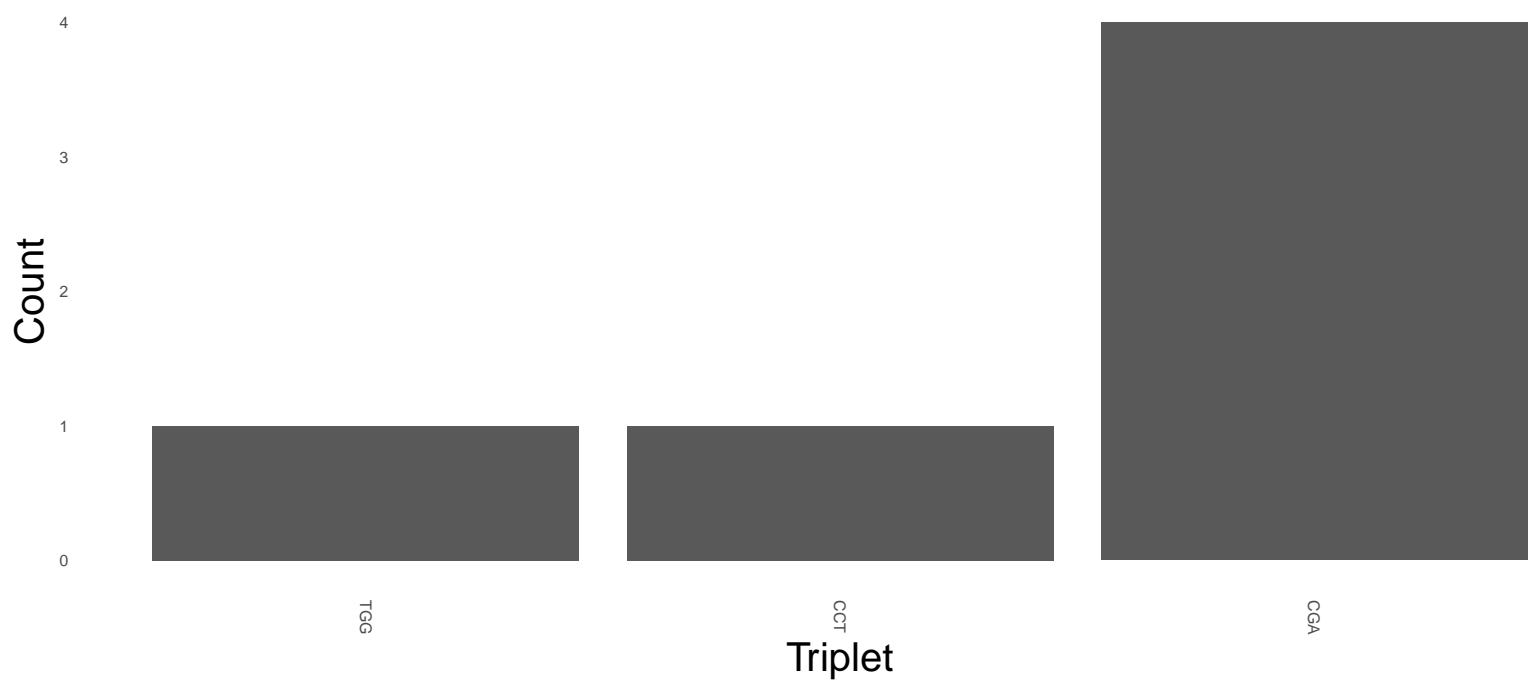
Gene TRBV5-5*02_322TTGG325



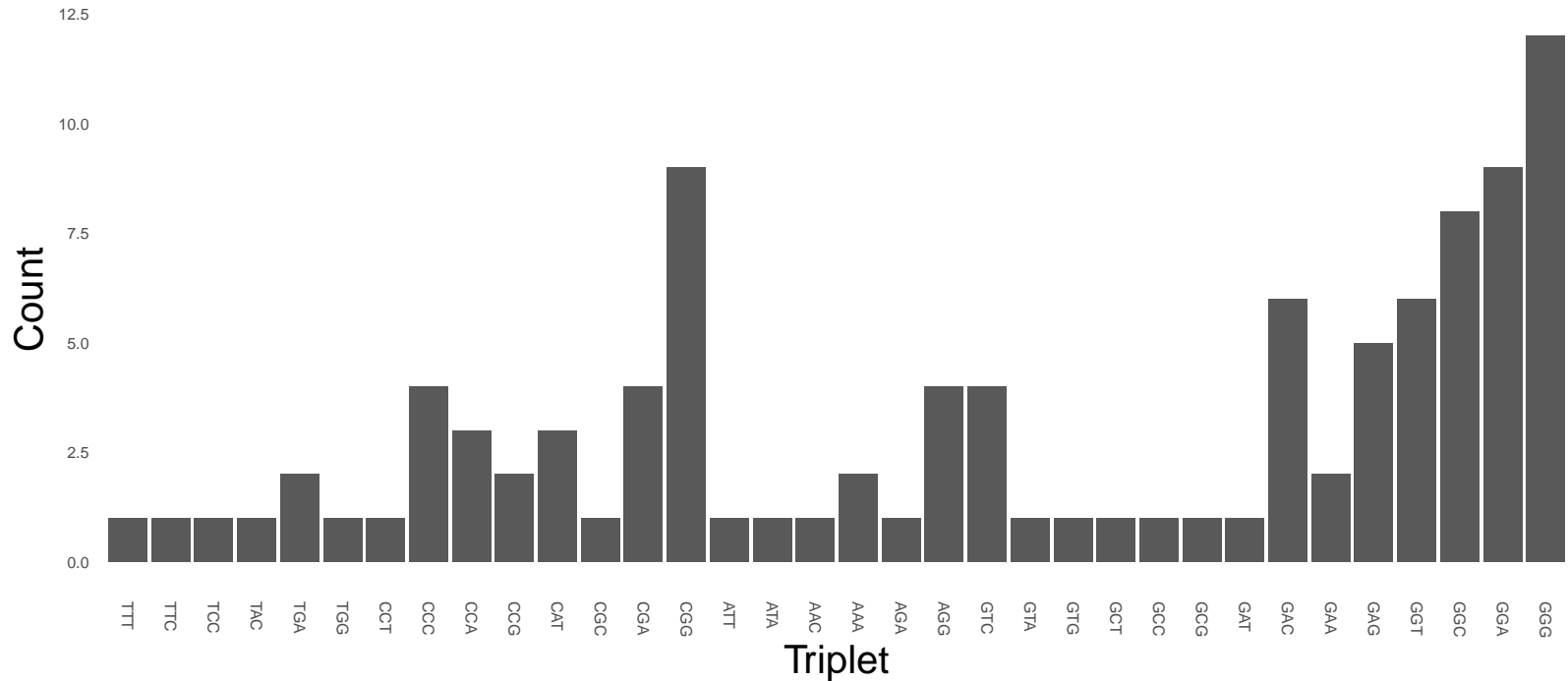
Gene TRBV7-7*01_C315T



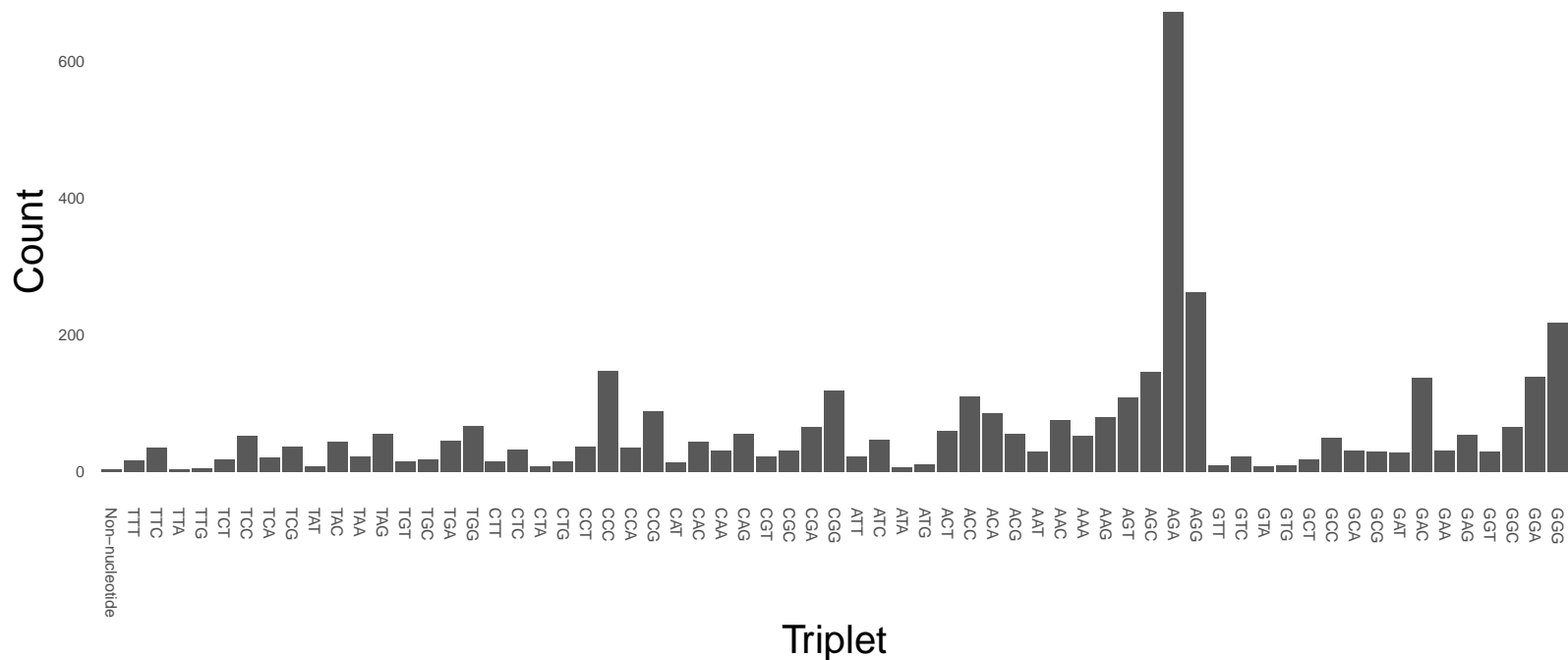
TRBV12-1*01_C165A- Final 3 nucleotides as a triplet



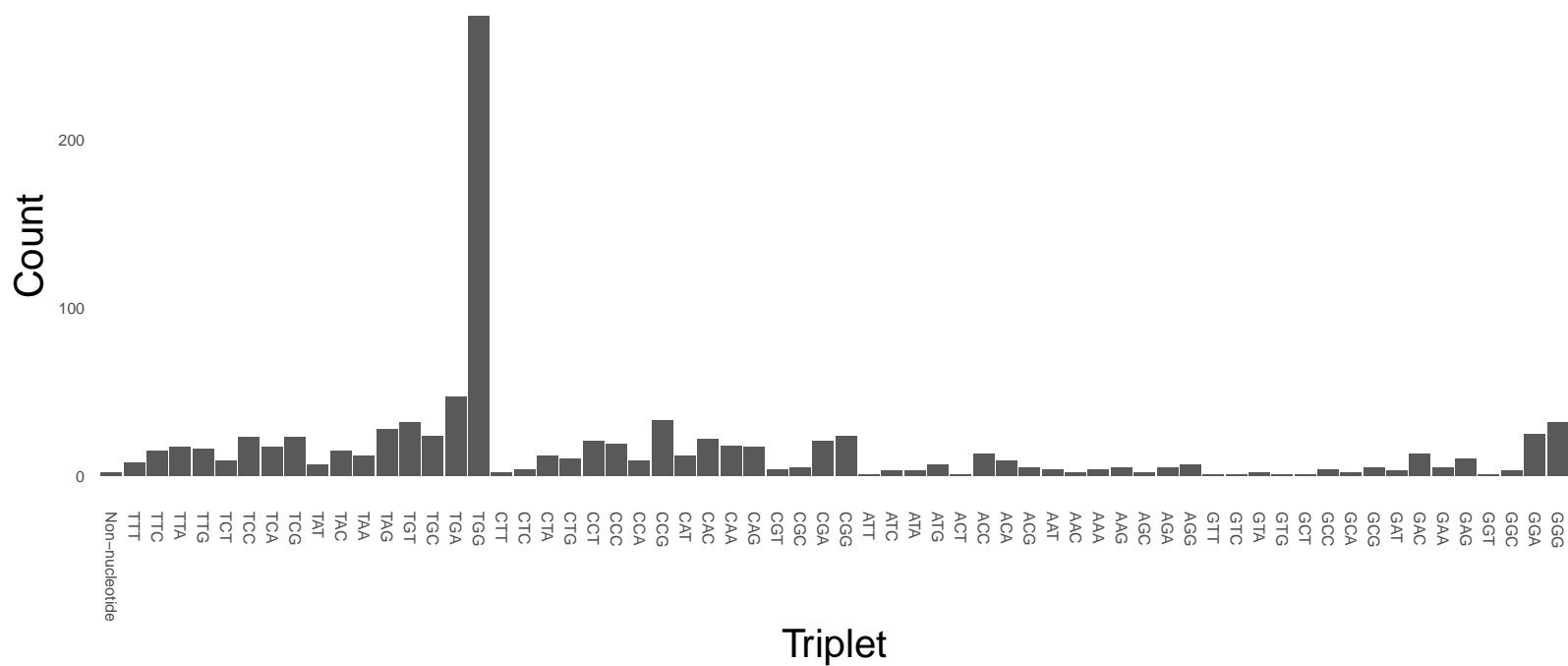
TRBV12-5*01_C28G- Final 3 nucleotides as a triplet



TRBV20-1*02_319AGAGA323- Final 3 nucleotides as a triplet

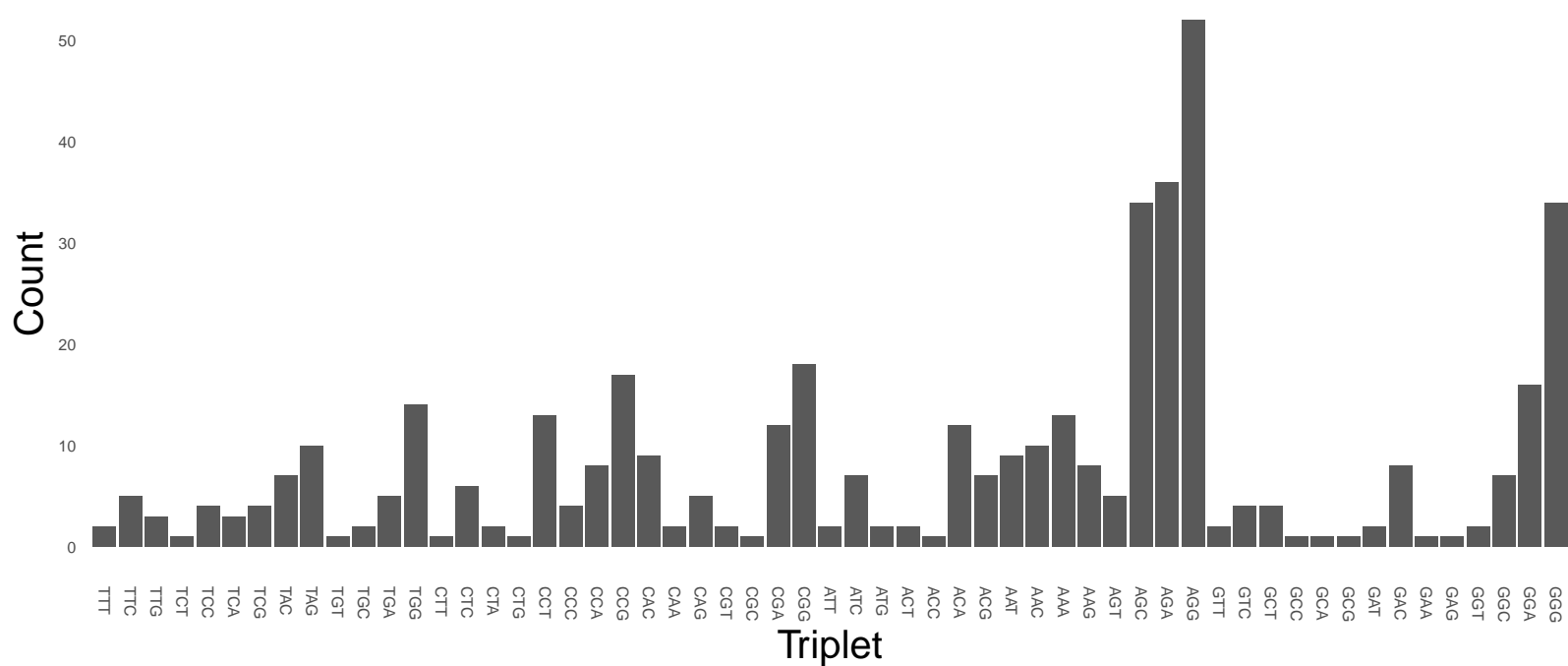


TRBV5–5*02_322TTGG325– Final 3 nucleotides as a triplet



Triplet

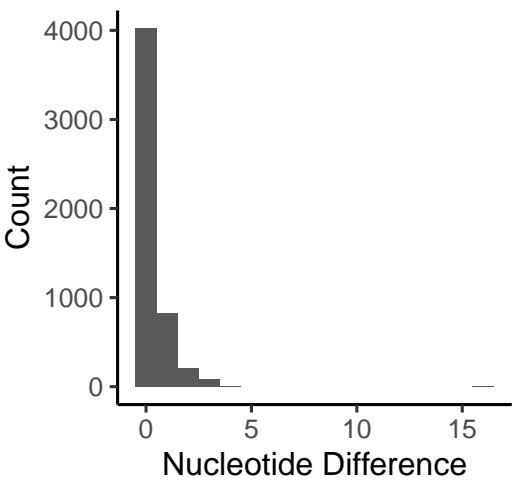
TRBV7–7*01_C315T– Final 3 nucleotides as a triplet



Triplet

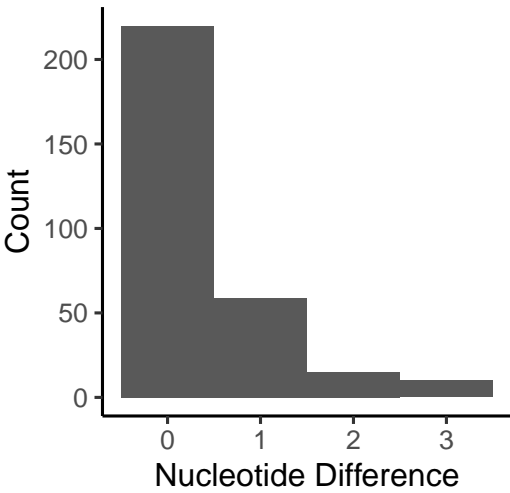
TRBV20-1*01

5133 sequences assigned
4022 (78.4%) exact matches, in which:
3643 unique CDR3
13 unique J



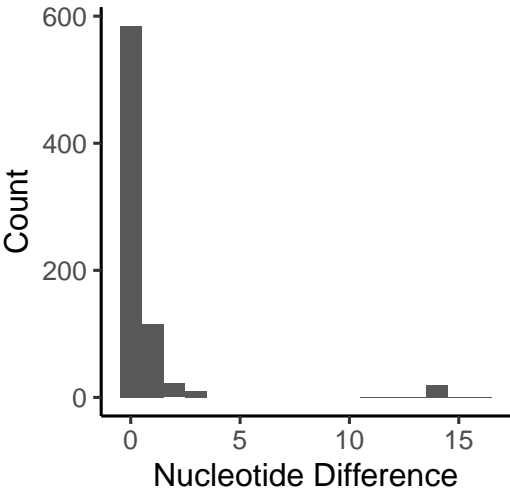
TRBV10-2*01

306 sequences assigned
220 (71.9%) exact matches, in which:
171 unique CDR3
12 unique J



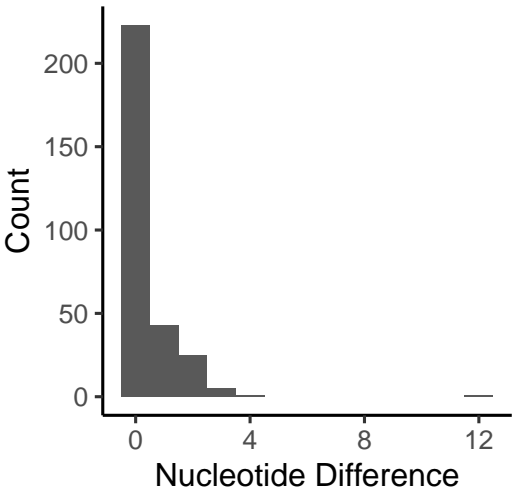
TRBV13*01

756 sequences assigned
585 (77.4%) exact matches, in which:
498 unique CDR3
13 unique J



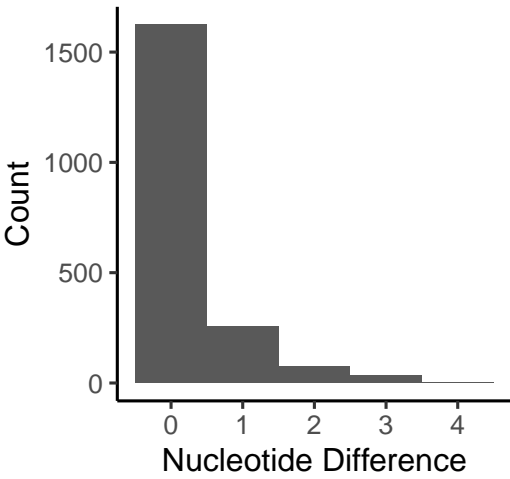
TRBV10-1*01

299 sequences assigned
223 (74.6%) exact matches, in which:
210 unique CDR3
13 unique J



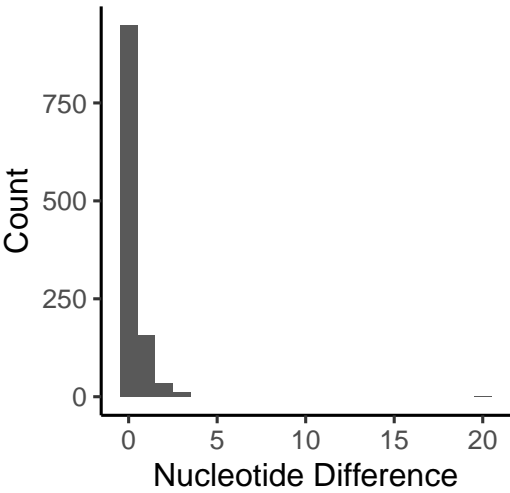
TRBV10-3*02

1995 sequences assigned
1624 (81.4%) exact matches, in which:
1522 unique CDR3
13 unique J



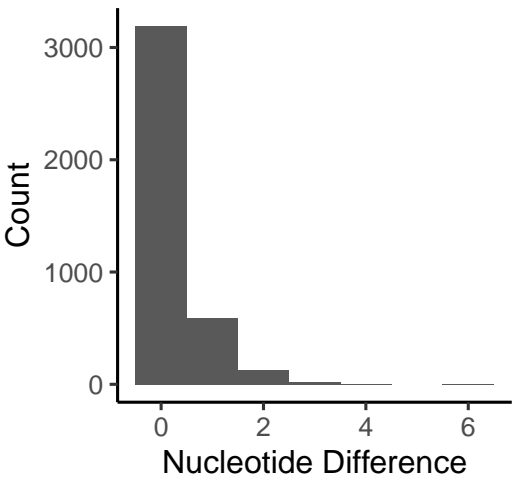
TRBV14*01

1155 sequences assigned
949 (82.2%) exact matches, in which:
862 unique CDR3
13 unique J



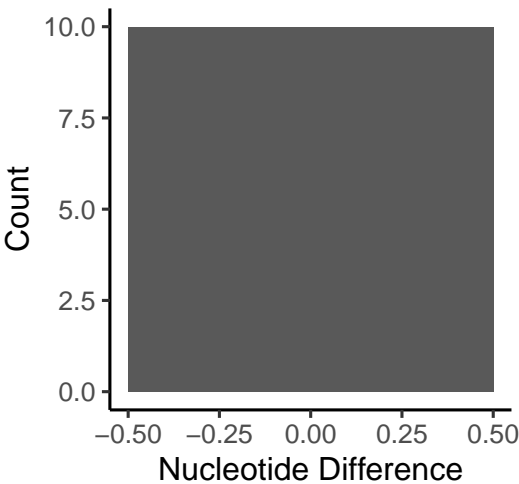
TRBV20-1*02_319AGAC

3934 sequences assigned
3191 (81.1%) exact matches, in which:
2913 unique CDR3
13 unique J



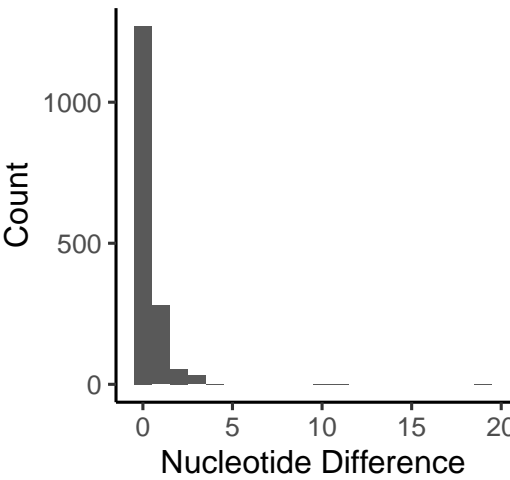
TRBV1*01

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



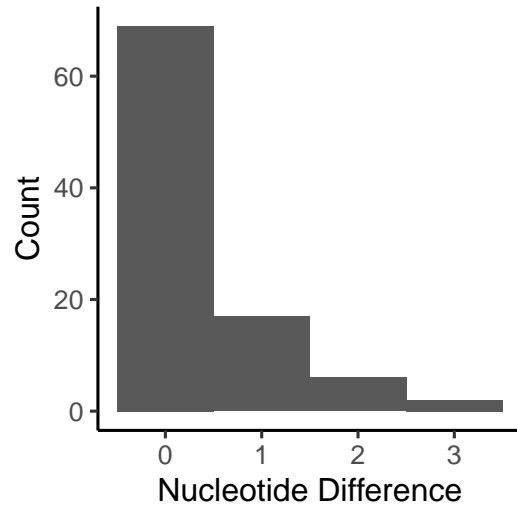
TRBV15*02

1641 sequences assigned
1270 (77.4%) exact matches, in which:
1107 unique CDR3
13 unique J



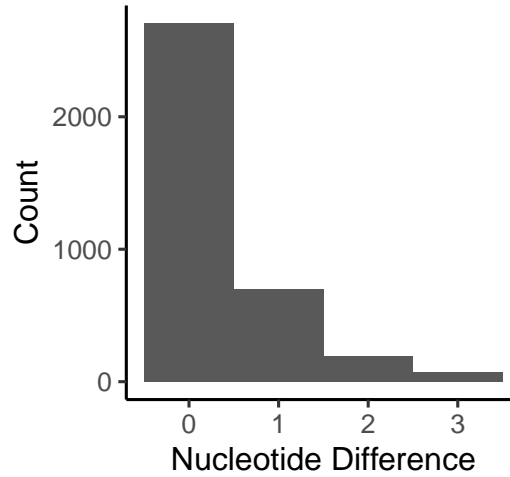
TRBV16*01

94 sequences assigned
69 (73.4%) exact matches, in which:
54 unique CDR3
13 unique J



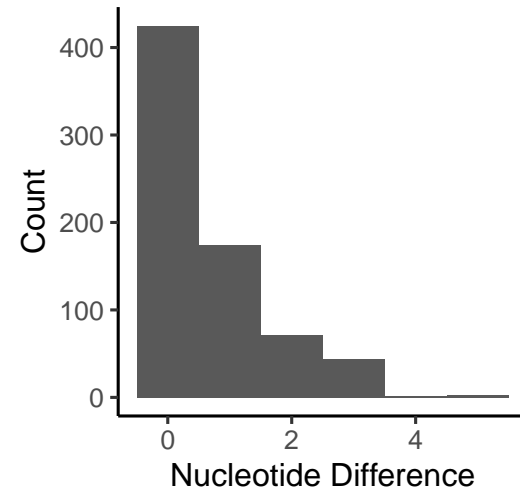
TRBV2*01

3667 sequences assigned
2705 (73.8%) exact matches, in which:
2225 unique CDR3
13 unique J



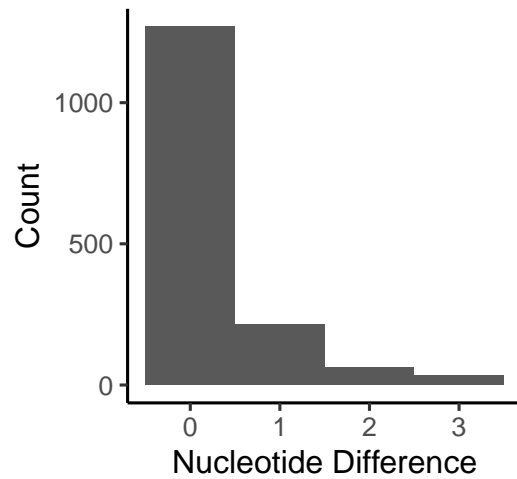
TRBV30*01

720 sequences assigned
425 (59%) exact matches, in which:
363 unique CDR3
13 unique J



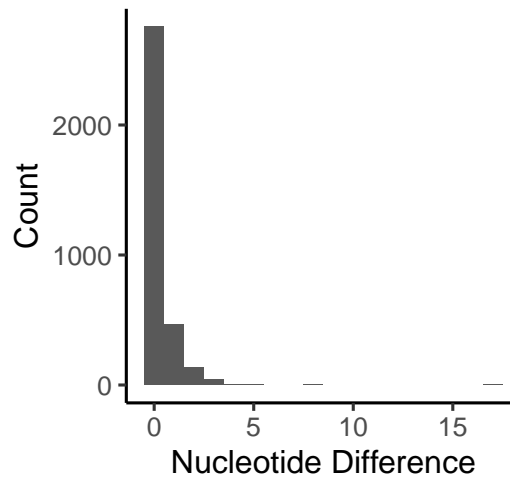
TRBV18*01

1577 sequences assigned
1269 (80.5%) exact matches, in which:
1123 unique CDR3
13 unique J



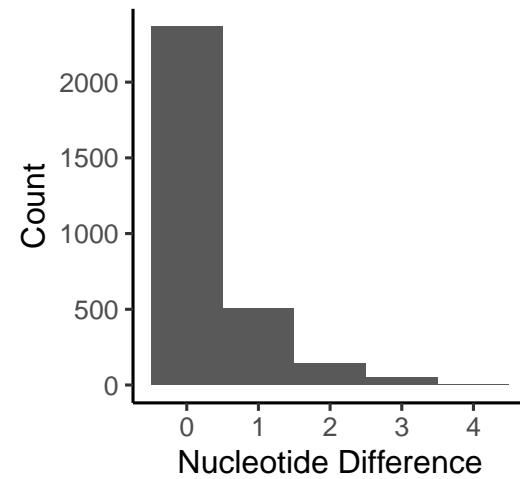
TRBV27*01

3403 sequences assigned
2756 (81%) exact matches, in which:
2455 unique CDR3
13 unique J



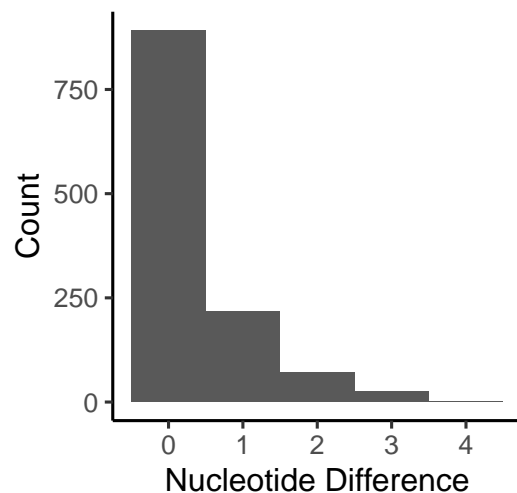
TRBV9*01

3068 sequences assigned
2366 (77.1%) exact matches, in which:
2113 unique CDR3
13 unique J



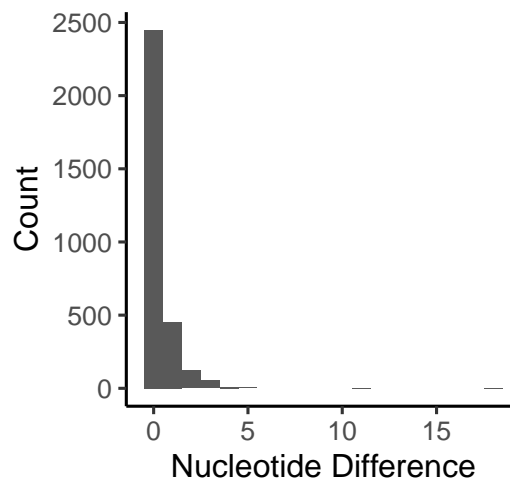
TRBV19*01

1207 sequences assigned
892 (73.9%) exact matches, in which:
771 unique CDR3
13 unique J



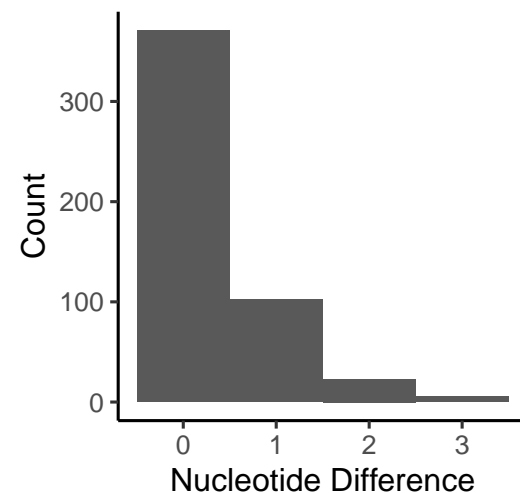
TRBV28*01

3092 sequences assigned
2448 (79.2%) exact matches, in which:
2185 unique CDR3
13 unique J



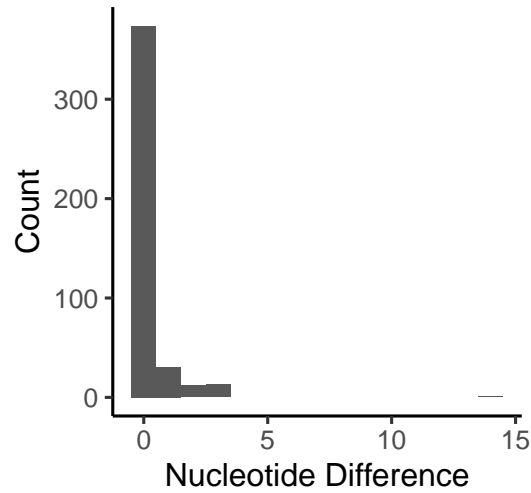
TRBV11-1*01

502 sequences assigned
371 (73.9%) exact matches, in which:
327 unique CDR3
13 unique J



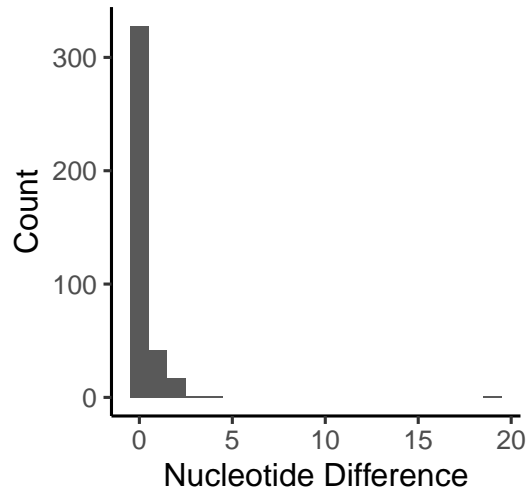
TRBV21-1*01

432 sequences assigned
374 (86.6%) exact matches, in which:
346 unique CDR3
13 unique J



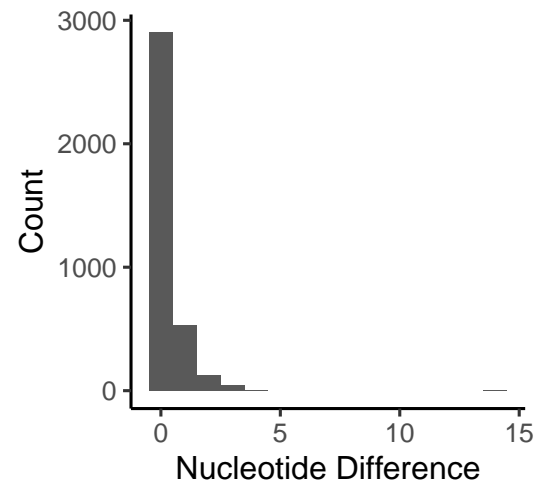
TRBV11-3*01

390 sequences assigned
328 (84.1%) exact matches, in which:
307 unique CDR3
13 unique J



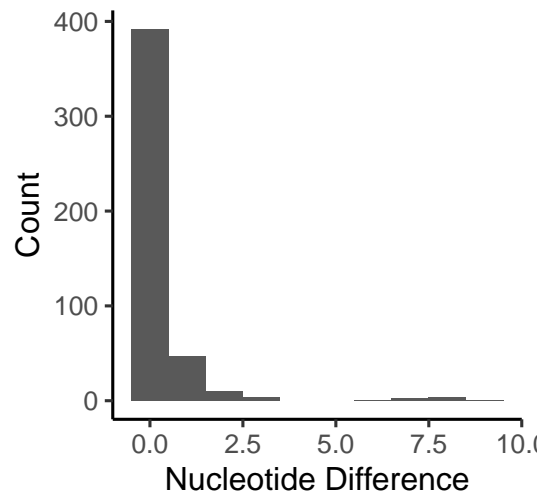
TRBV12-3*01

3604 sequences assigned
2902 (80.5%) exact matches, in which:
2654 unique CDR3
13 unique J



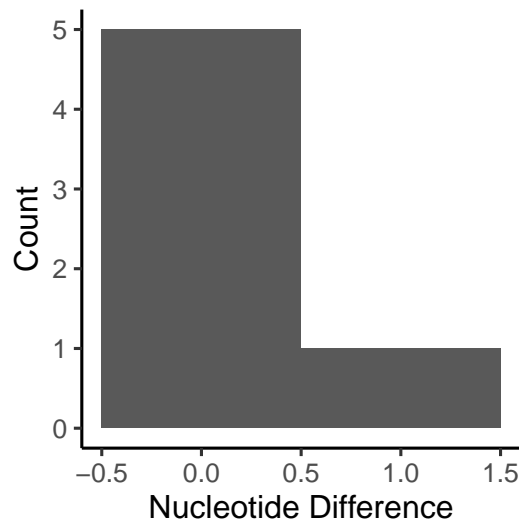
TRBV21-1*02

464 sequences assigned
392 (84.5%) exact matches, in which:
360 unique CDR3
13 unique J



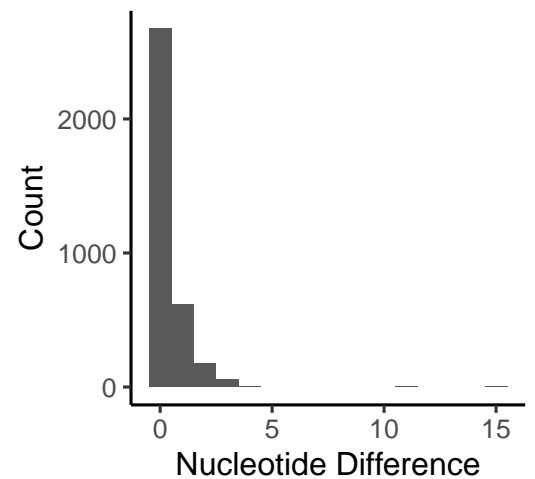
TRBV12-1*01_C165A

6 sequences assigned
5 (83.3%) exact matches, in which:
5 unique CDR3
4 unique J



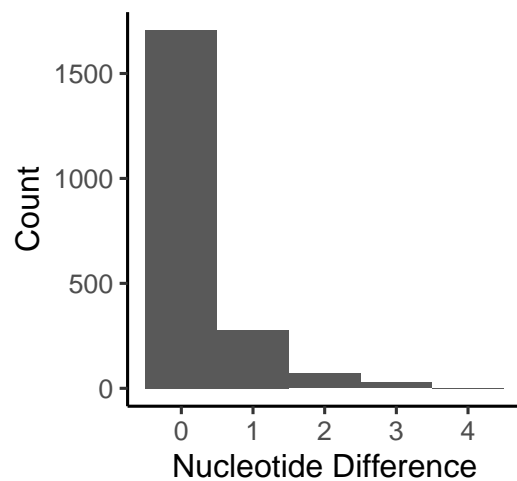
TRBV12-4*01

3520 sequences assigned
2673 (75.9%) exact matches, in which:
2293 unique CDR3
13 unique J



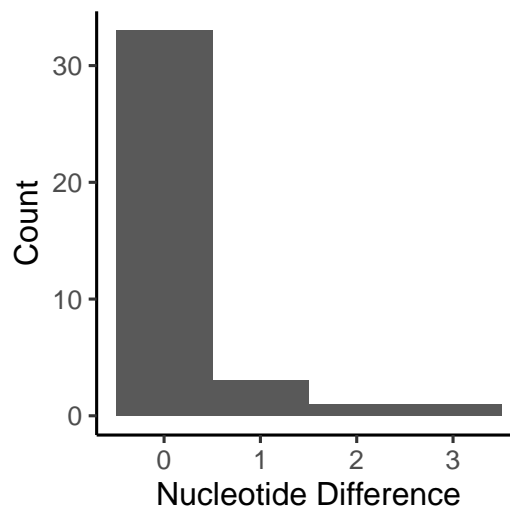
TRBV11-2*01

2087 sequences assigned
1707 (81.8%) exact matches, in which:
1508 unique CDR3
13 unique J



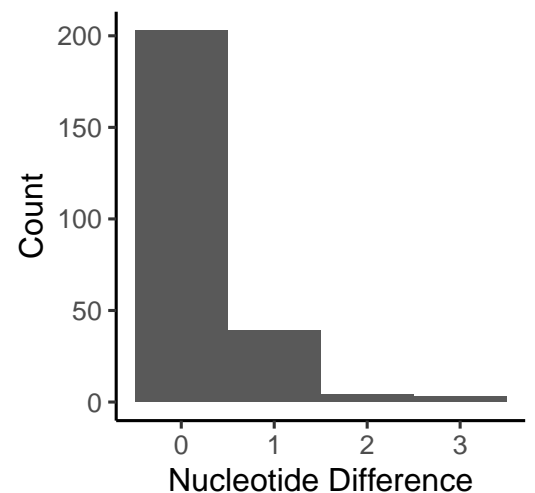
TRBV12-2*01

38 sequences assigned
33 (86.8%) exact matches, in which:
33 unique CDR3
11 unique J



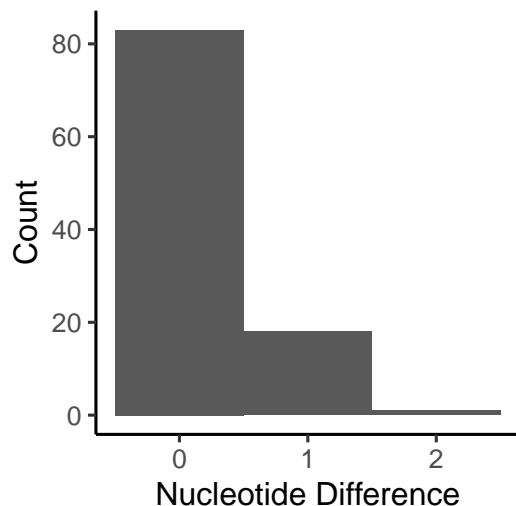
TRBV12-5*01

249 sequences assigned
203 (81.5%) exact matches, in which:
197 unique CDR3
13 unique J



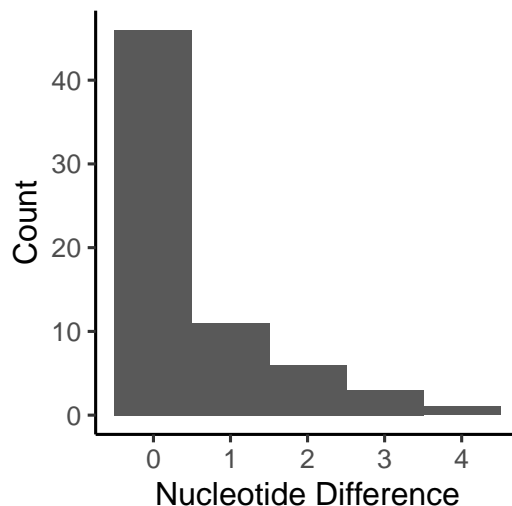
TRBV12-5*01_C28G

102 sequences assigned
83 (81.4%) exact matches, in which:
76 unique CDR3
11 unique J



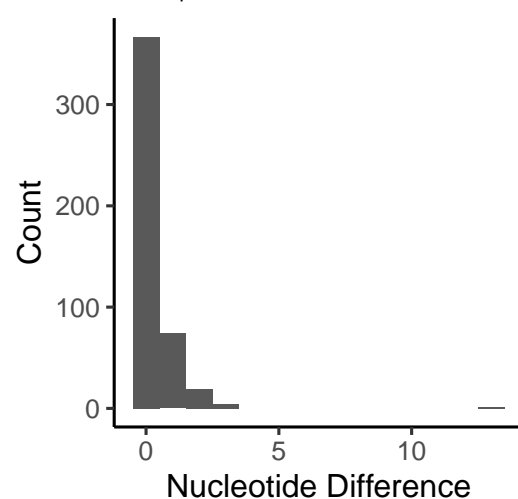
TRBV3-2*03

67 sequences assigned
46 (68.7%) exact matches, in which:
42 unique CDR3
10 unique J



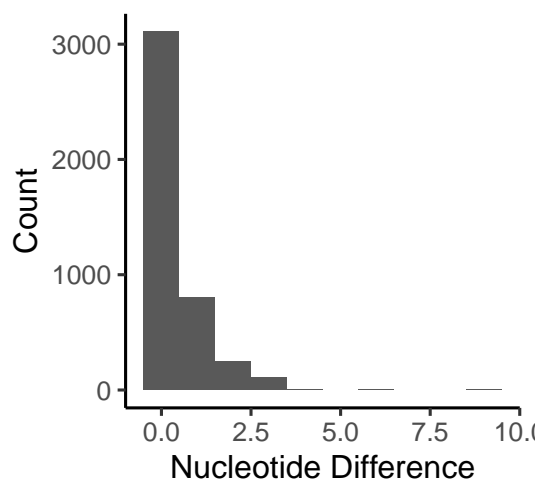
TRBV24-1*02

466 sequences assigned
367 (78.8%) exact matches, in which:
329 unique CDR3
13 unique J



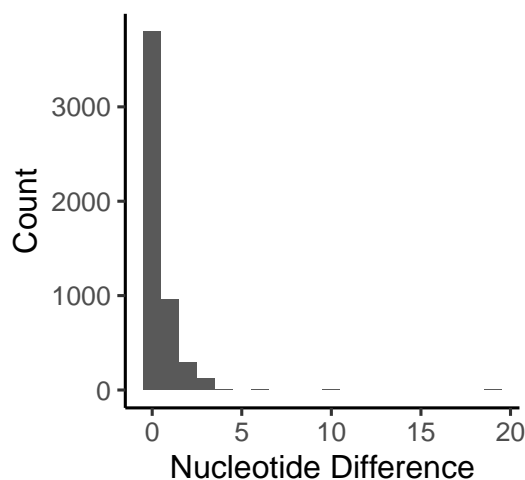
TRBV3-1*01

4279 sequences assigned
3108 (72.6%) exact matches, in which:
2551 unique CDR3
13 unique J



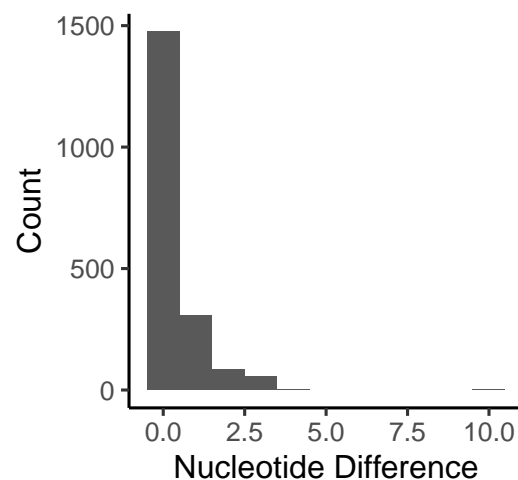
TRBV4-1*01

5174 sequences assigned
3796 (73.4%) exact matches, in which:
3273 unique CDR3
13 unique J



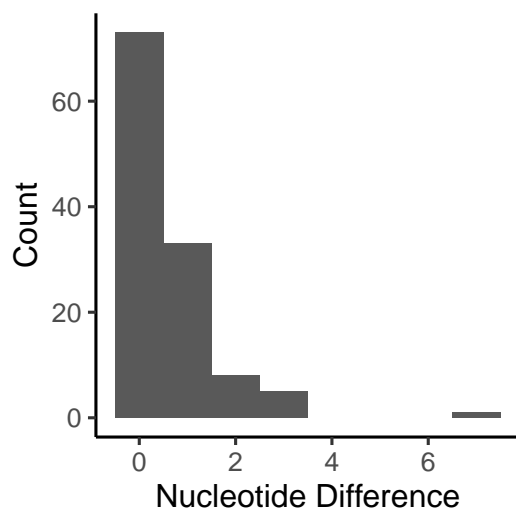
TRBV4-2*01

1927 sequences assigned
1475 (76.5%) exact matches, in which:
1301 unique CDR3
13 unique J



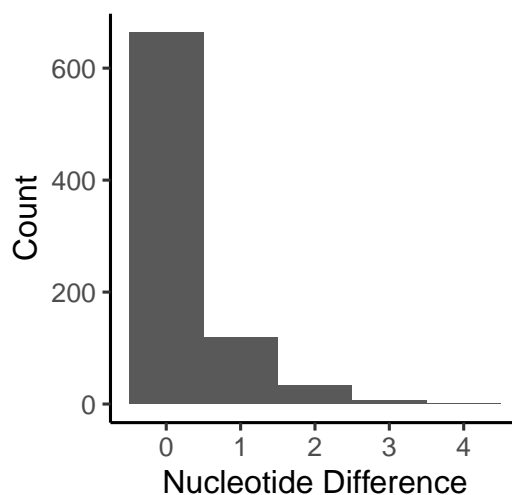
TRBV23-1*01

120 sequences assigned
73 (60.8%) exact matches, in which:
64 unique CDR3
10 unique J



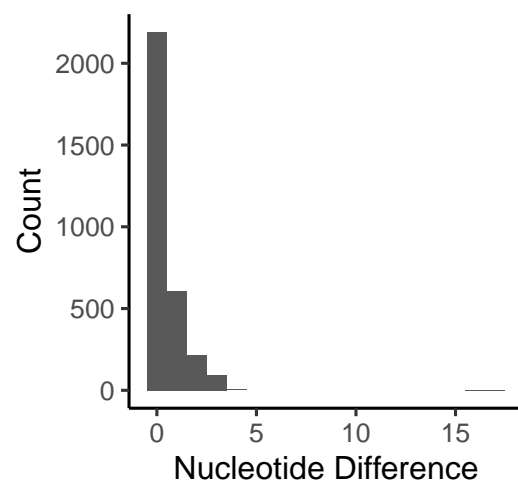
TRBV24-1*01

823 sequences assigned
664 (80.7%) exact matches, in which:
586 unique CDR3
13 unique J



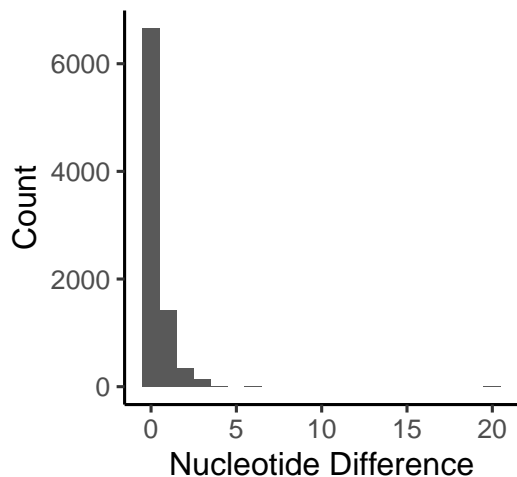
TRBV4-3*01

3120 sequences assigned
2191 (70.2%) exact matches, in which:
1822 unique CDR3
13 unique J



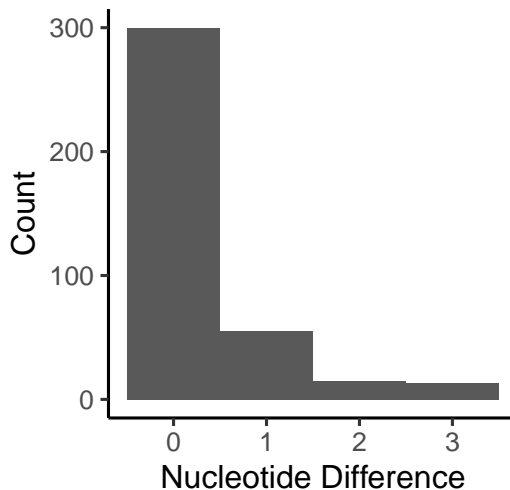
TRBV5-1*01

8584 sequences assigned
6656 (77.5%) exact matches, in which:
6037 unique CDR3
13 unique J



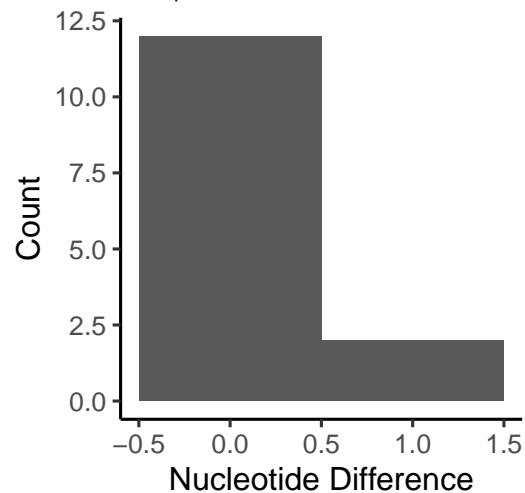
TRBV5-4*01

383 sequences assigned
300 (78.3%) exact matches, in which:
249 unique CDR3
13 unique J



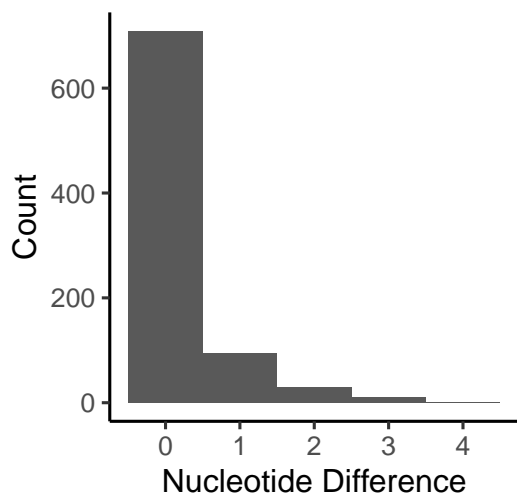
TRBV5-7*01

15 sequences assigned
12 (80%) exact matches, in which:
10 unique CDR3
6 unique J



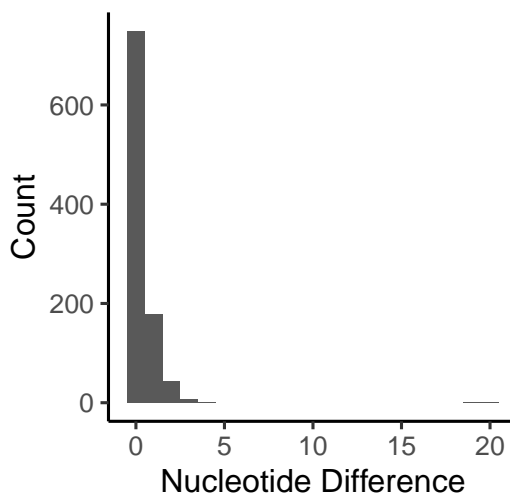
TRBV25-1*01

844 sequences assigned
709 (84%) exact matches, in which:
642 unique CDR3
13 unique J



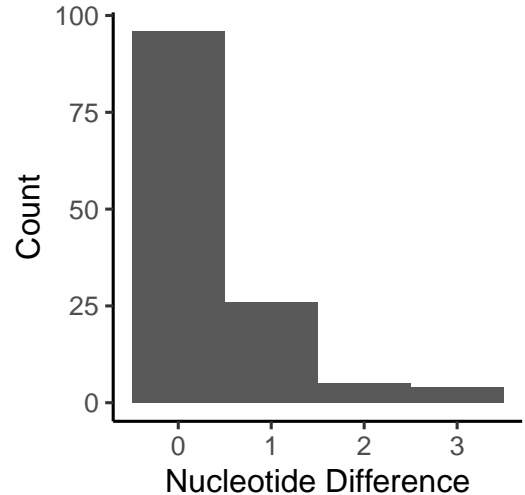
TRBV5-5*02_322TTGG3

982 sequences assigned
749 (76.3%) exact matches, in which:
642 unique CDR3
13 unique J



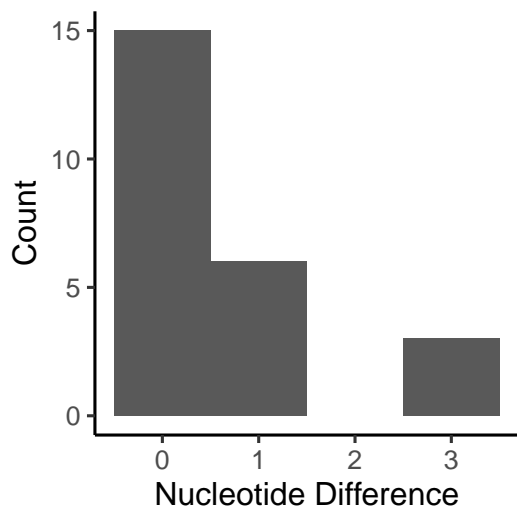
TRBV5-8*01

131 sequences assigned
96 (73.3%) exact matches, in which:
94 unique CDR3
13 unique J



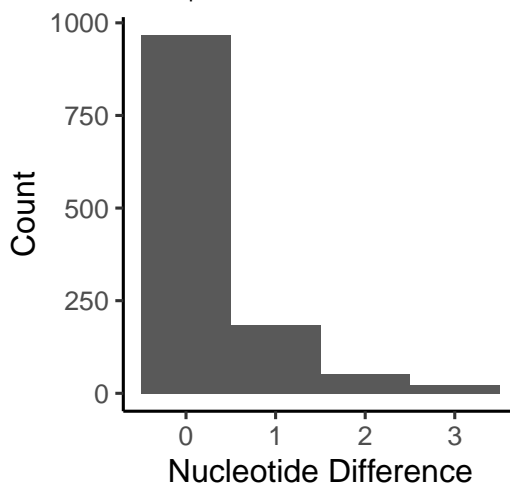
TRBV5-3*01

24 sequences assigned
15 (62.5%) exact matches, in which:
15 unique CDR3
10 unique J



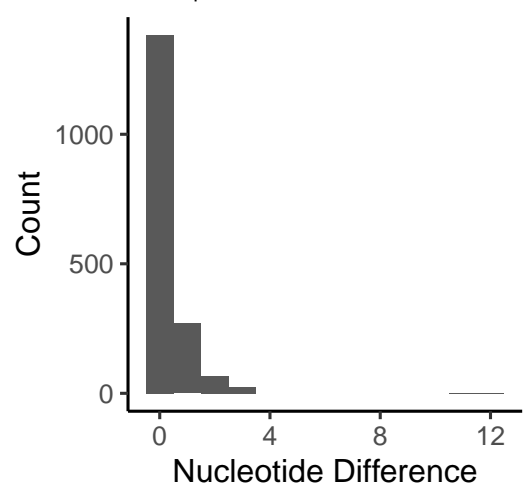
TRBV5-6*01

1227 sequences assigned
967 (78.8%) exact matches, in which:
865 unique CDR3
13 unique J



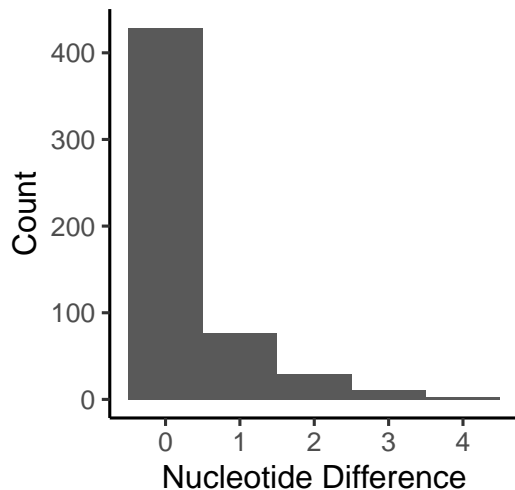
TRBV6-1*01

1748 sequences assigned
1383 (79.1%) exact matches, in which:
1280 unique CDR3
13 unique J



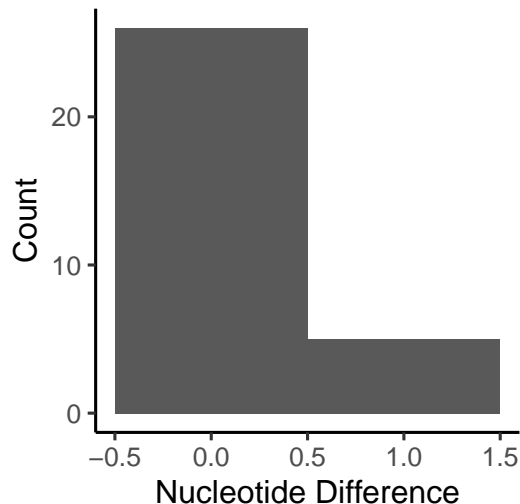
TRBV6-4*01

549 sequences assigned
429 (78.1%) exact matches, in which:
376 unique CDR3
13 unique J



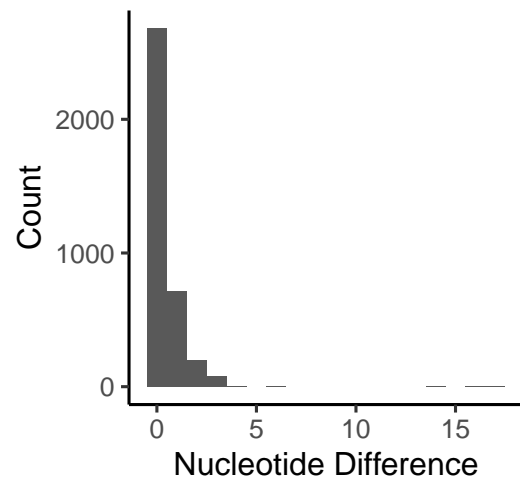
TRBV6-7*01

31 sequences assigned
26 (83.9%) exact matches, in which:
21 unique CDR3
6 unique J



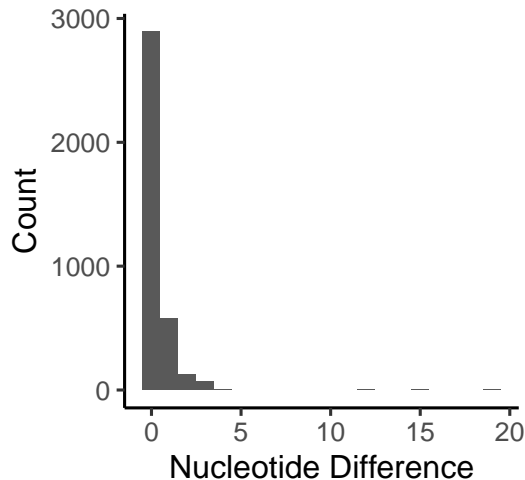
TRBV6-23*01

3685 sequences assigned
2680 (72.7%) exact matches, in which:
2238 unique CDR3
13 unique J



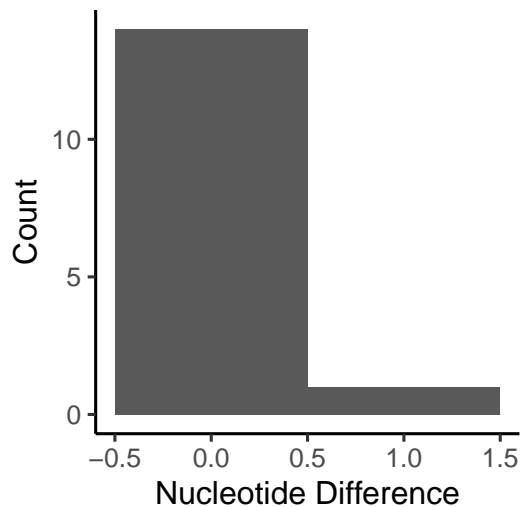
TRBV6-5*01

3669 sequences assigned
2893 (78.8%) exact matches, in which:
2558 unique CDR3
13 unique J



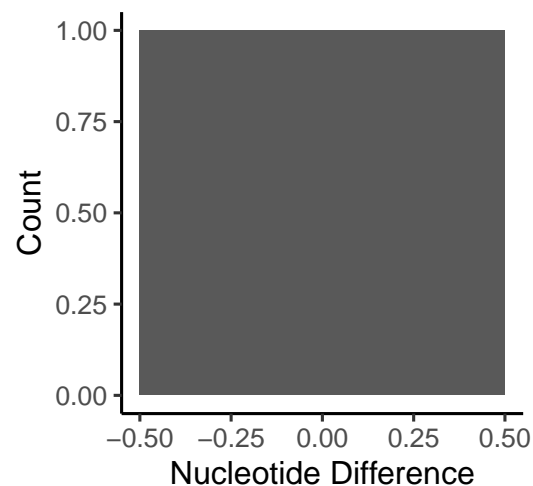
TRBV6-8*01

15 sequences assigned
14 (93.3%) exact matches, in which:
14 unique CDR3
9 unique J



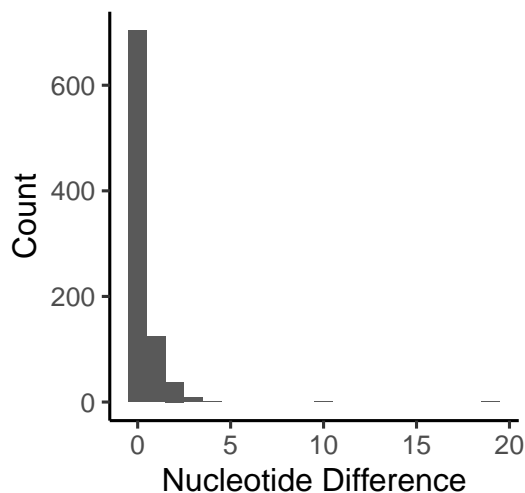
TRBV7-1*01

1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J



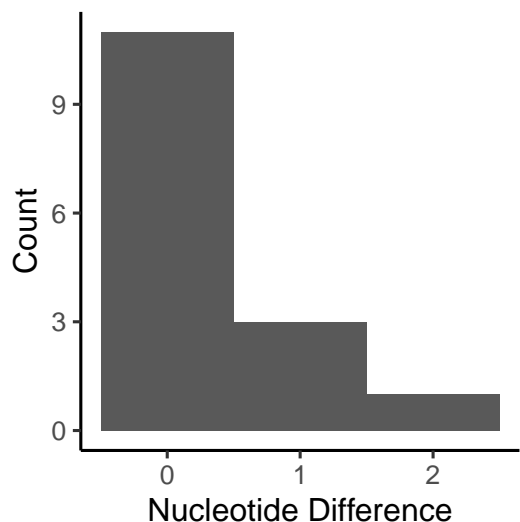
TRBV6-6*01

878 sequences assigned
704 (80.2%) exact matches, in which:
640 unique CDR3
13 unique J



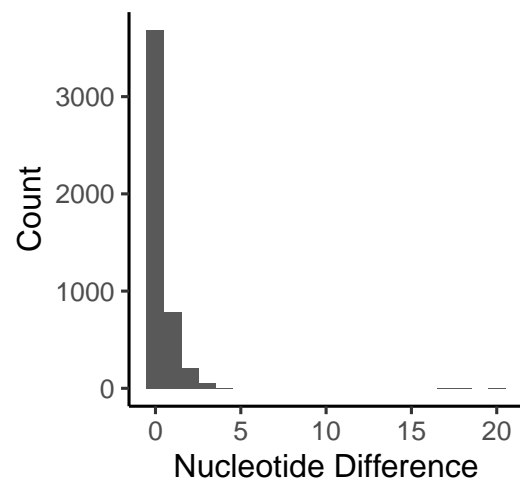
TRBV6-9*01

15 sequences assigned
11 (73.3%) exact matches, in which:
11 unique CDR3
6 unique J



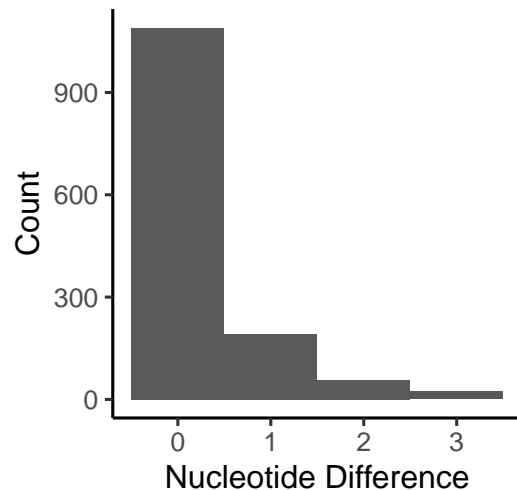
TRBV7-2*01

4740 sequences assigned
3685 (77.7%) exact matches, in which:
3152 unique CDR3
13 unique J



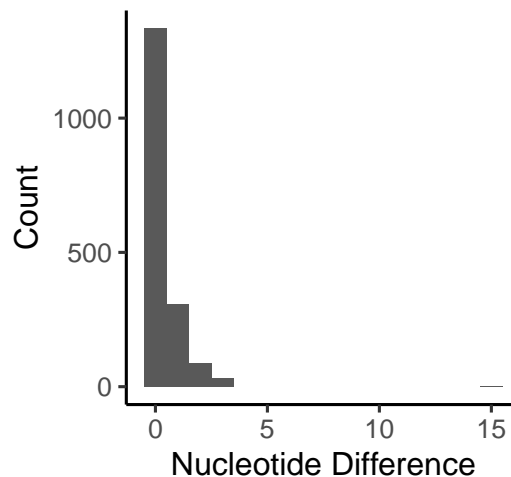
TRBV7-2*02

1360 sequences assigned
1090 (80.1%) exact matches, in which:
951 unique CDR3
13 unique J



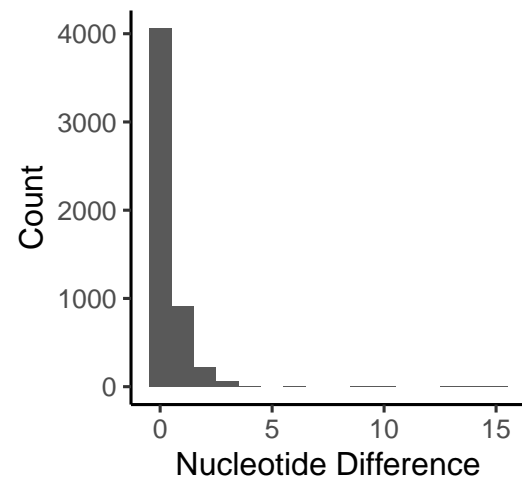
TRBV7-6*01

1764 sequences assigned
1334 (75.6%) exact matches, in which:
1091 unique CDR3
13 unique J



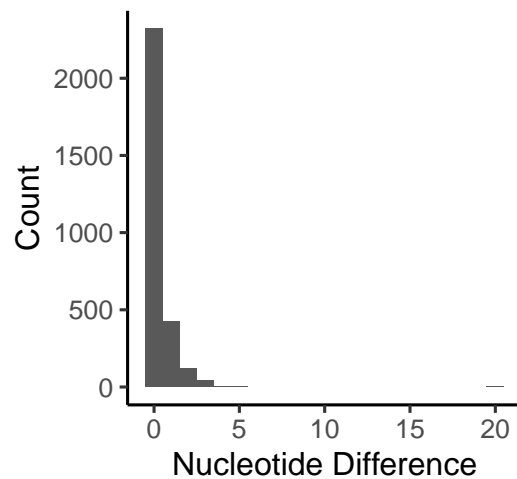
TRBV7-9*03

5269 sequences assigned
4060 (77.1%) exact matches, in which:
3526 unique CDR3
13 unique J



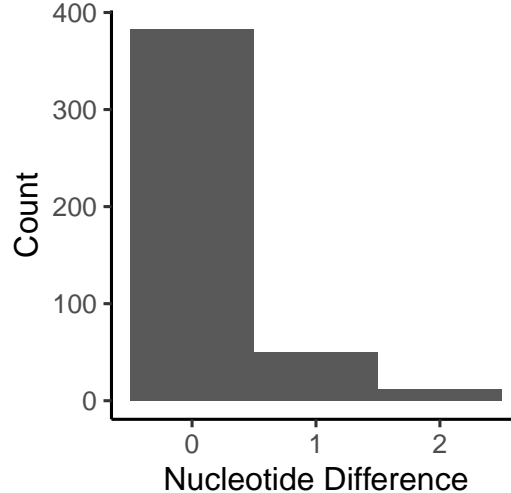
TRBV7-3*01

2915 sequences assigned
2321 (79.6%) exact matches, in which:
2135 unique CDR3
13 unique J



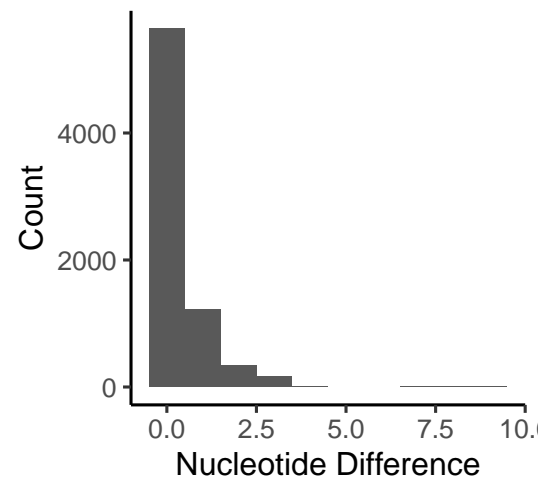
TRBV7-7*01_C315T

446 sequences assigned
383 (85.9%) exact matches, in which:
331 unique CDR3
12 unique J



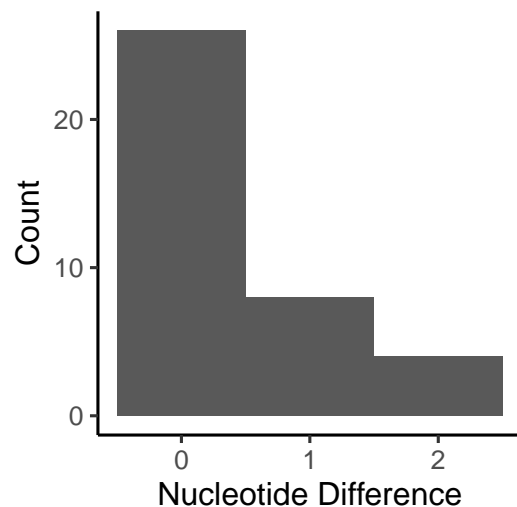
TRBV29-1*01

7373 sequences assigned
5642 (76.5%) exact matches, in which:
4940 unique CDR3
13 unique J



TRBV7-4*01

38 sequences assigned
26 (68.4%) exact matches, in which:
26 unique CDR3
11 unique J



TRBV7-8*01

2024 sequences assigned
1546 (76.4%) exact matches, in which:
1231 unique CDR3
13 unique J

