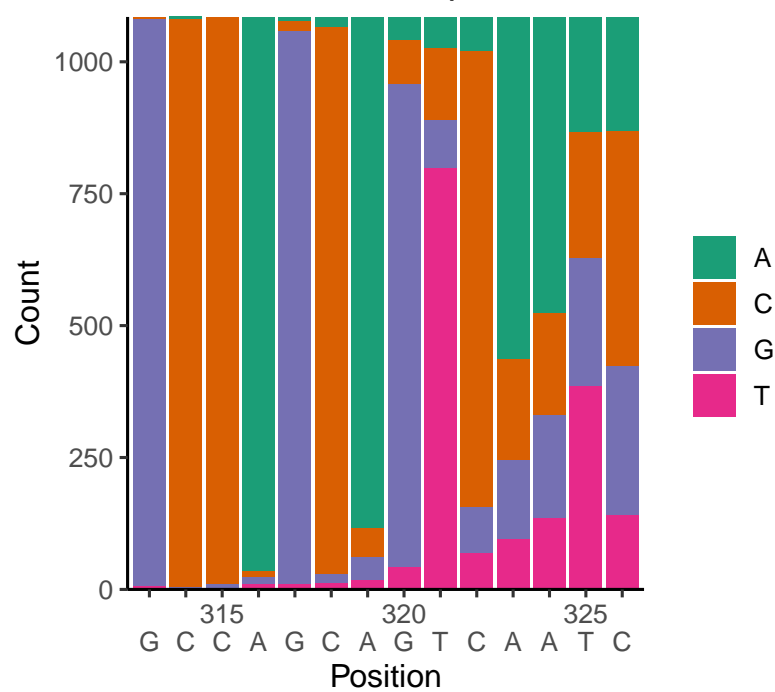
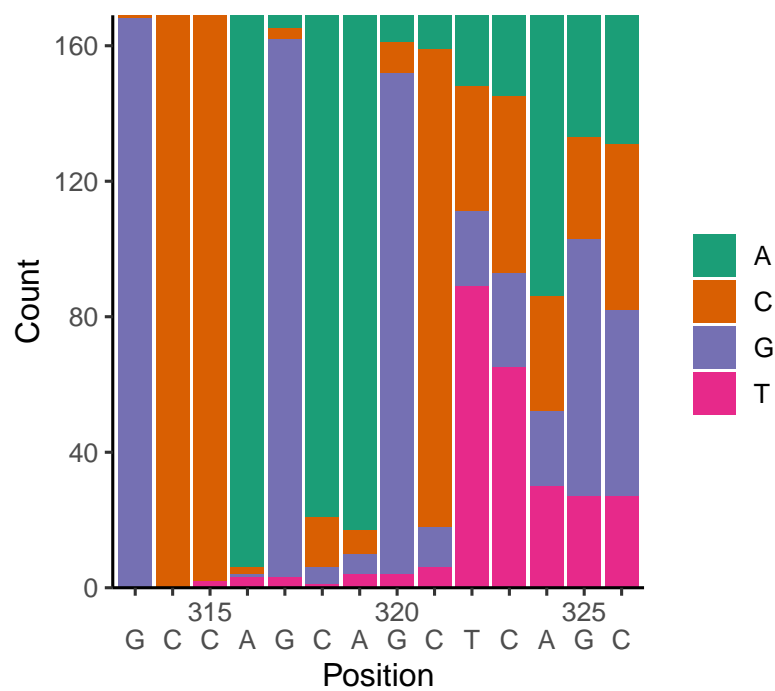


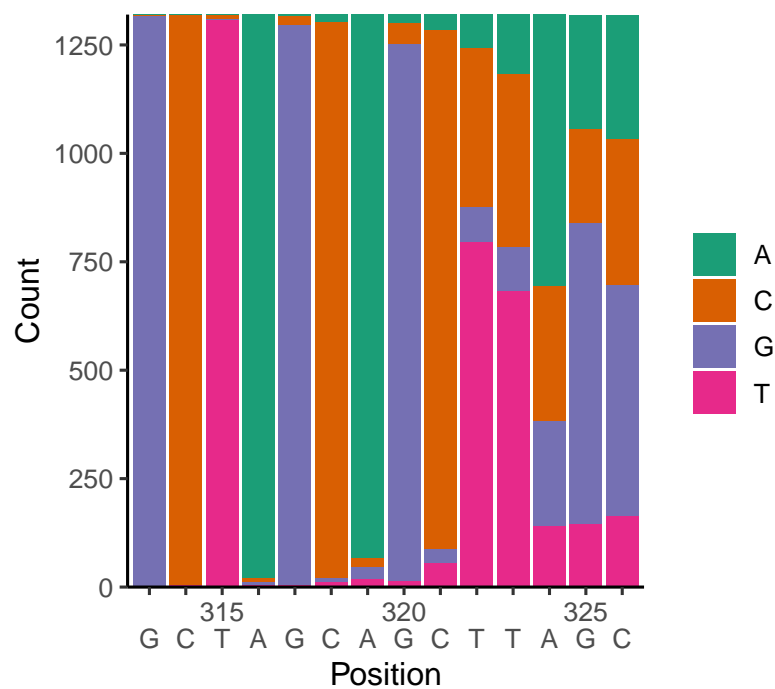
Gene TRBV23-1*ap01_T304C



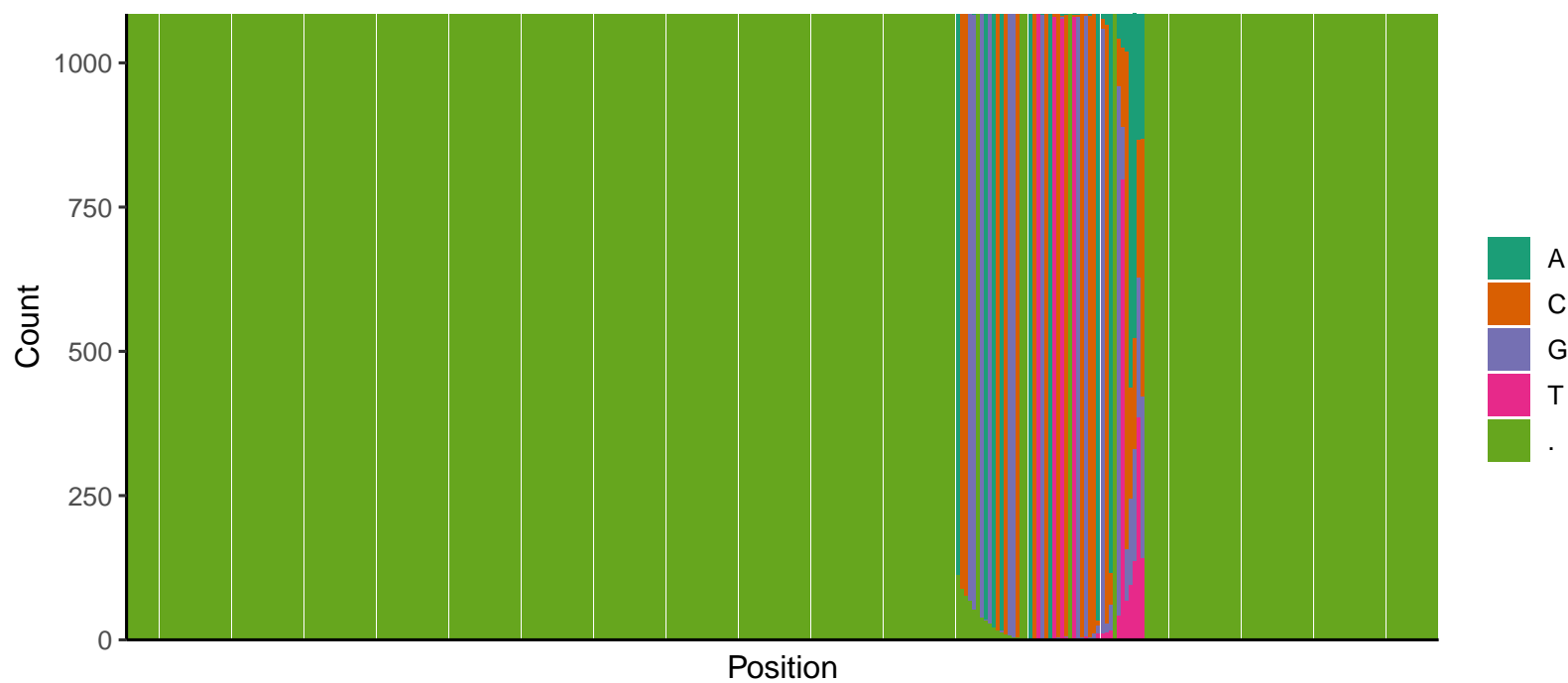
Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



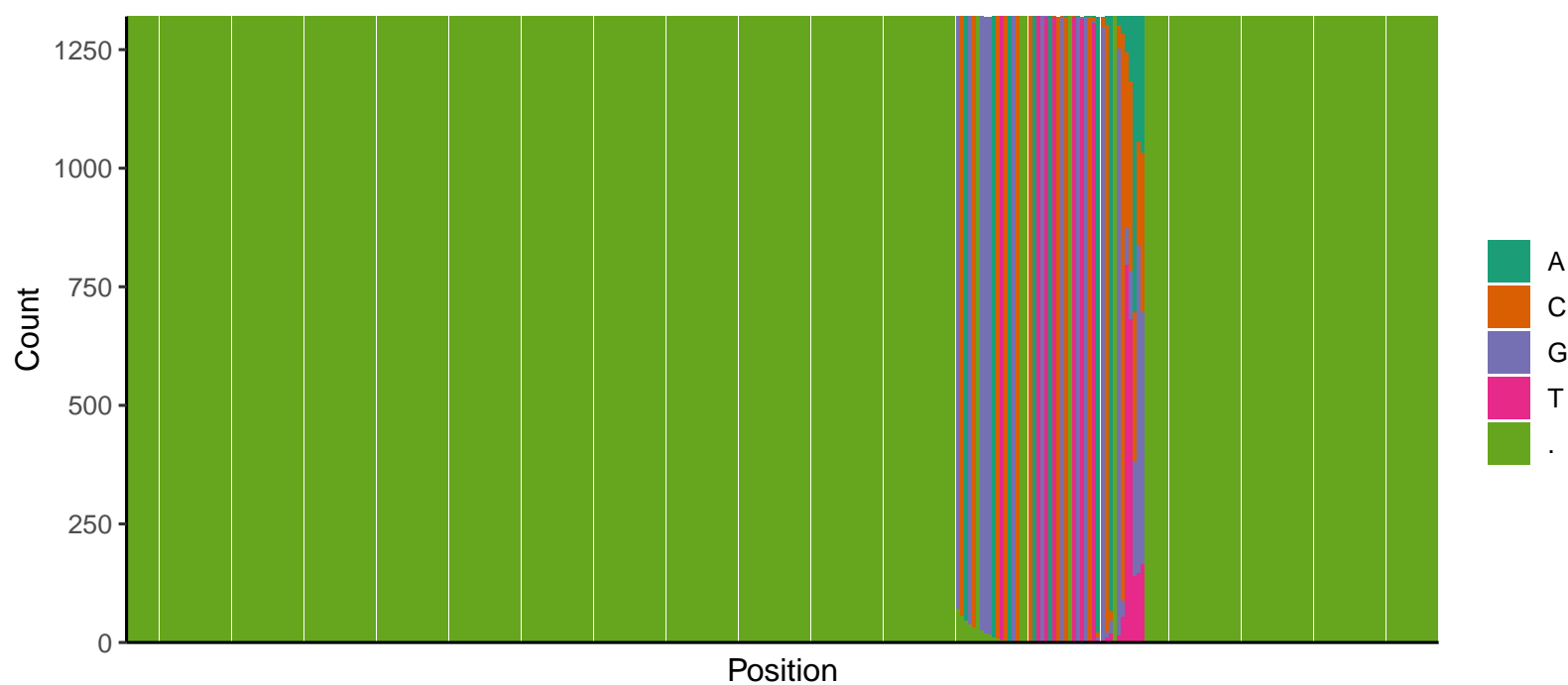
Gene TRBV23-1*ap01_T304C



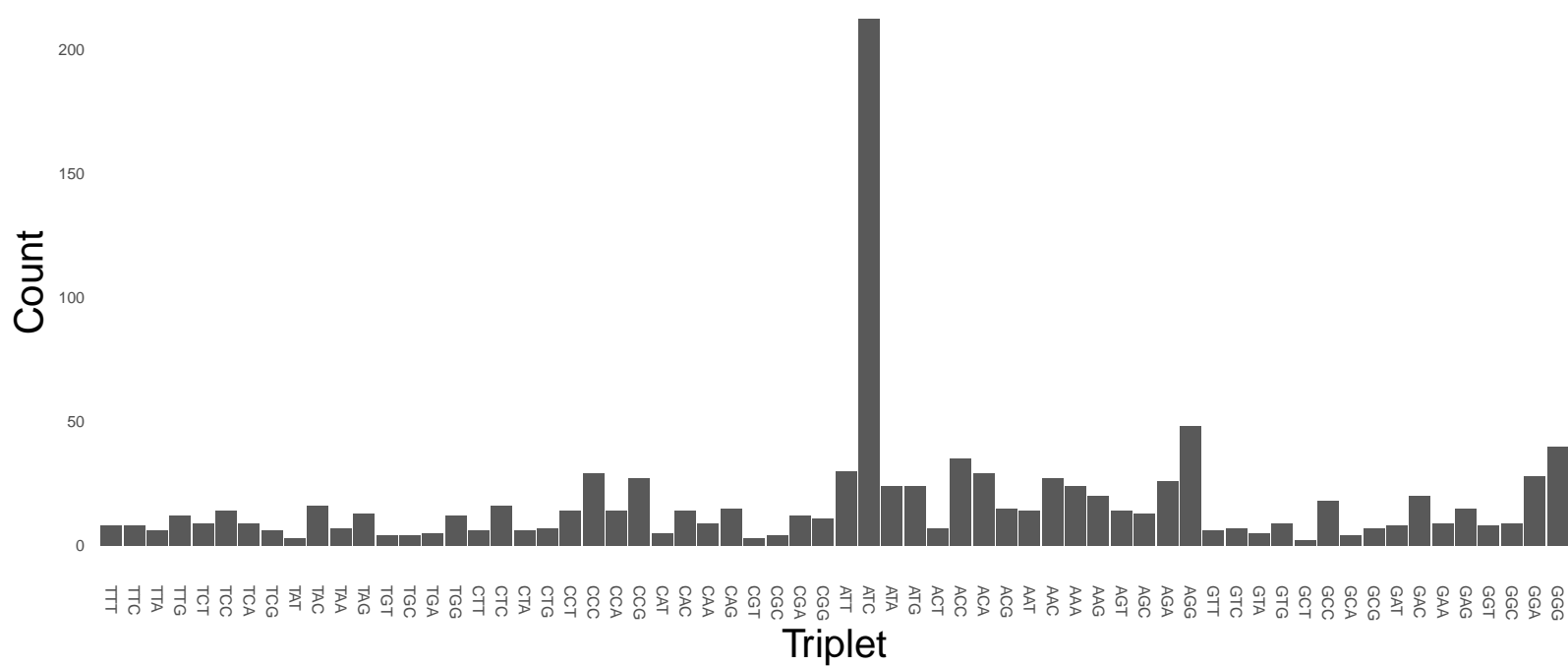
Gene TRBV7-1*ap01_G291C_T296C



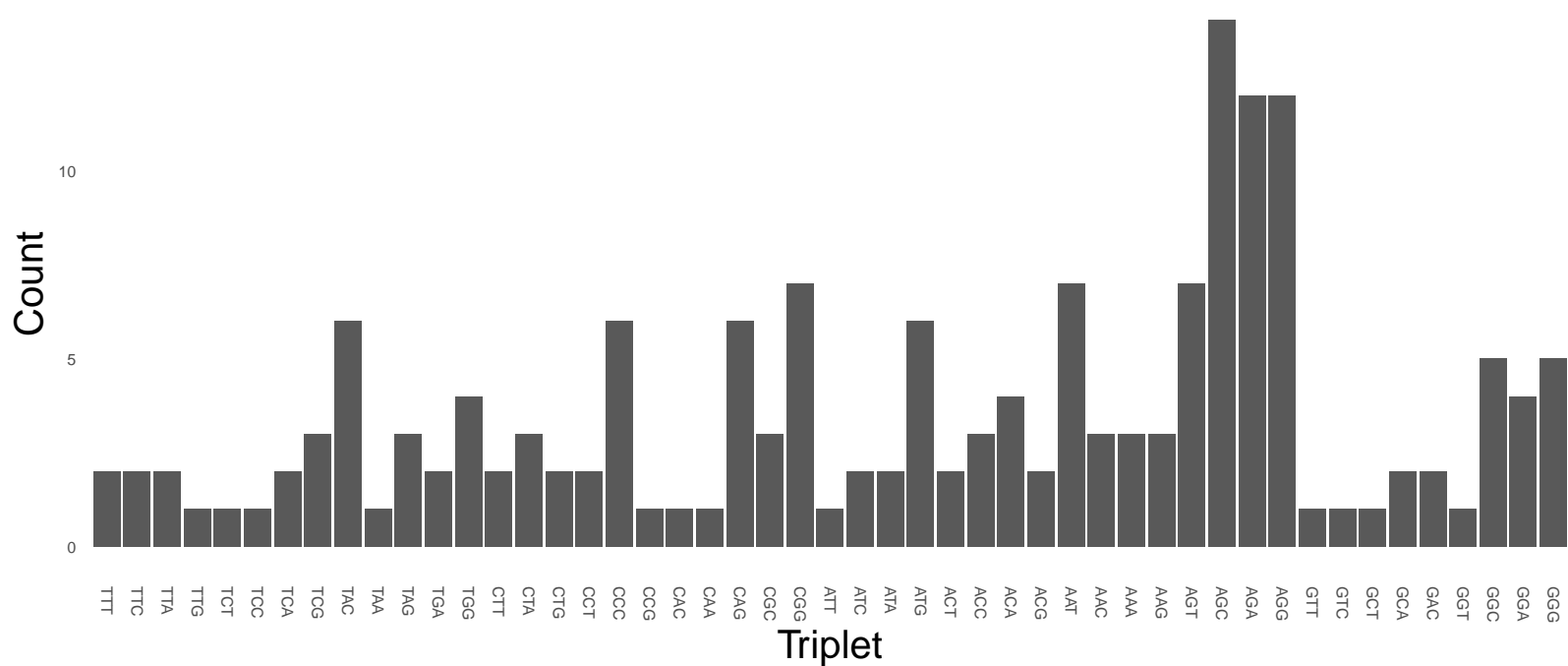
Gene TRBV7-7*ap01_C315T



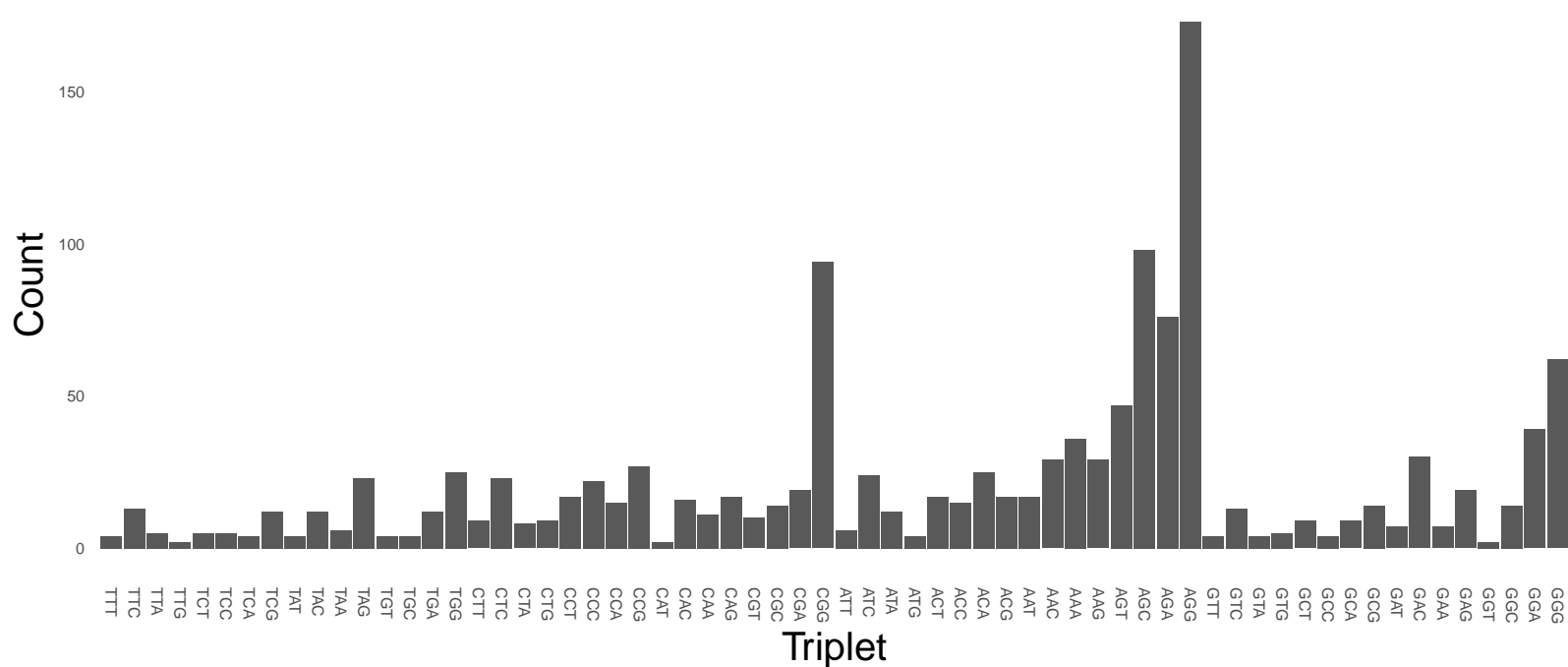
TRBV23-1*ap01_T304C- Final 3 nucleotides as a triplet



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

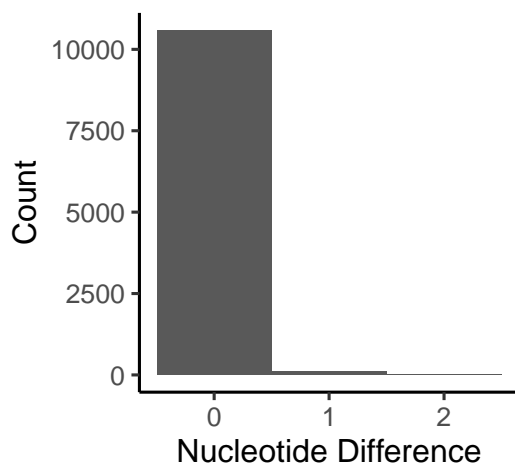


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



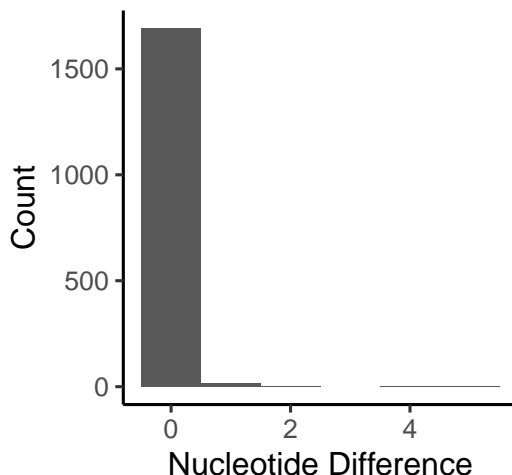
TRBV20-1*ap01

10710 sequences assigned
10590 (98.9%) exact matches, in which:
10375 unique CDR3
13 unique J



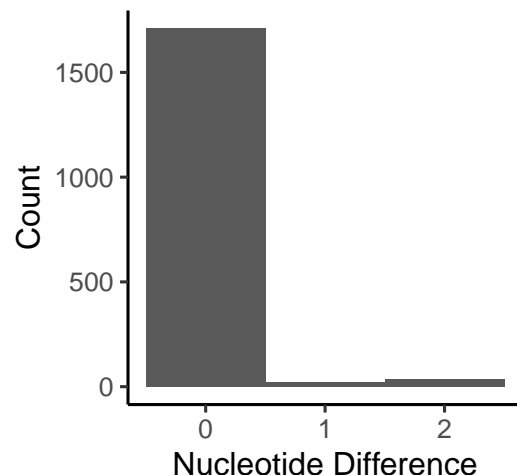
TRBV10-2*ap01

1709 sequences assigned
1691 (98.9%) exact matches, in which:
1652 unique CDR3
13 unique J



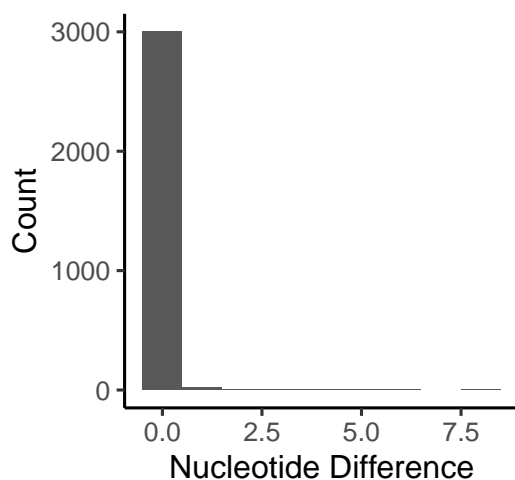
TRBV13*ap01

1766 sequences assigned
1710 (96.8%) exact matches, in which:
1658 unique CDR3
13 unique J



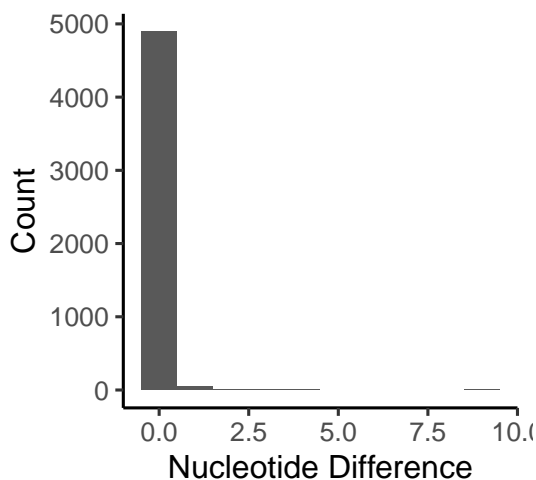
TRBV10-1*ap01

3034 sequences assigned
3001 (98.9%) exact matches, in which:
2907 unique CDR3
13 unique J



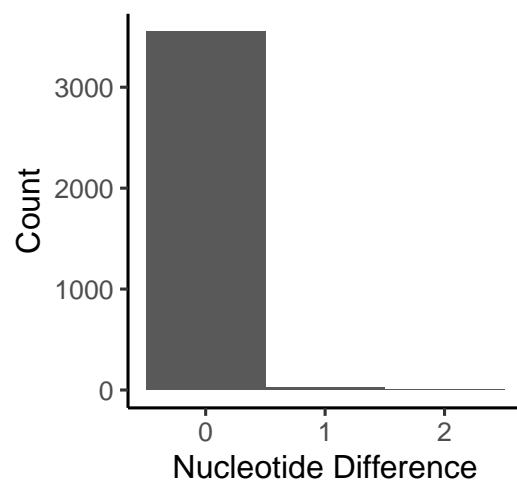
TRBV10-3*ap01

4950 sequences assigned
4893 (98.8%) exact matches, in which:
4755 unique CDR3
13 unique J



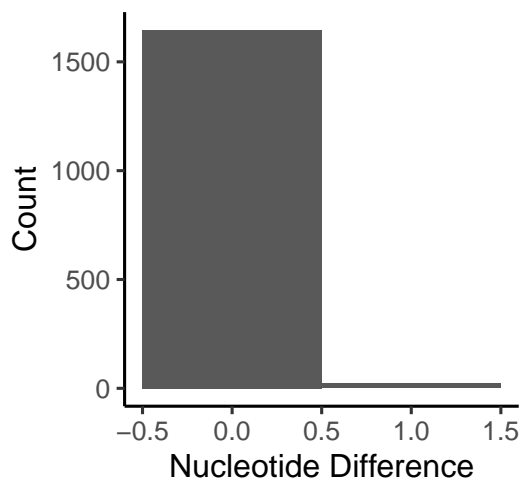
TRBV14*ap01

3574 sequences assigned
3550 (99.3%) exact matches, in which:
3479 unique CDR3
13 unique J



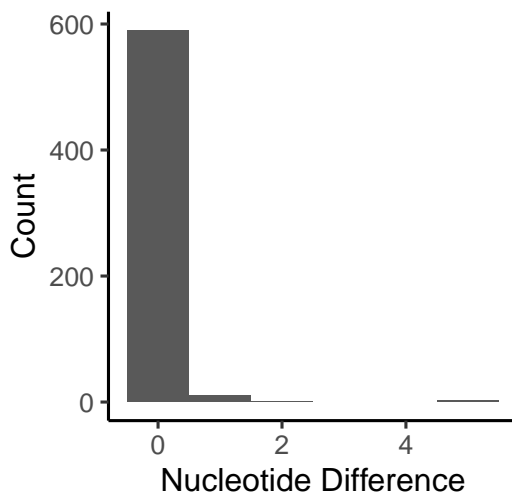
TRBV20-1*ap02

1668 sequences assigned
1646 (98.7%) exact matches, in which:
1614 unique CDR3
13 unique J



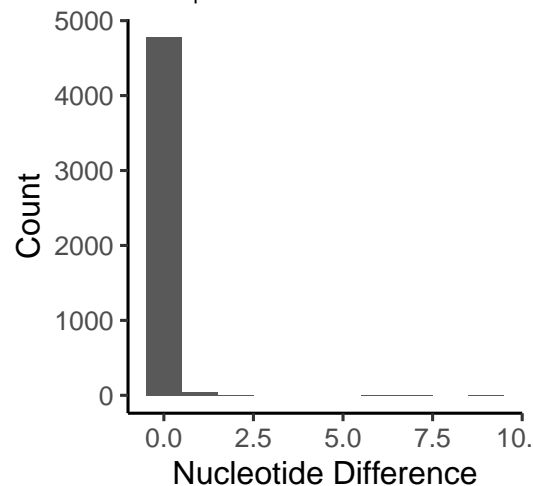
TRBV1*ap01

603 sequences assigned
590 (97.8%) exact matches, in which:
578 unique CDR3
13 unique J



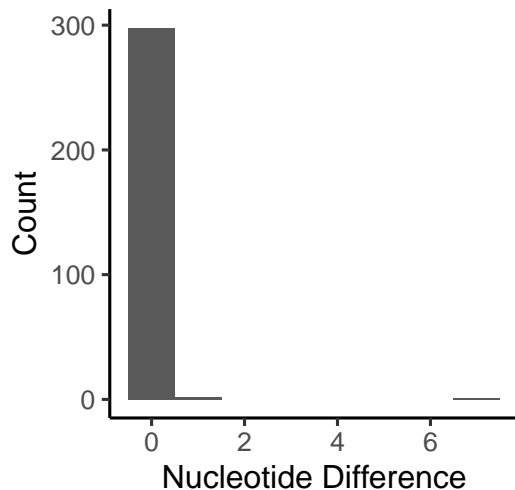
TRBV15*ap02

4831 sequences assigned
4781 (99%) exact matches, in which:
4662 unique CDR3
13 unique J



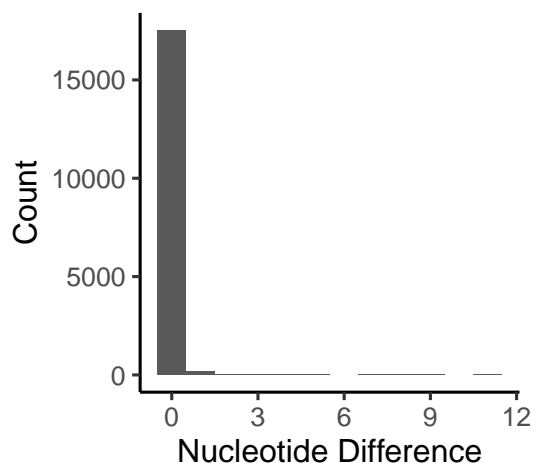
TRBV16*ap01

301 sequences assigned
298 (99%) exact matches, in which:
296 unique CDR3
13 unique J



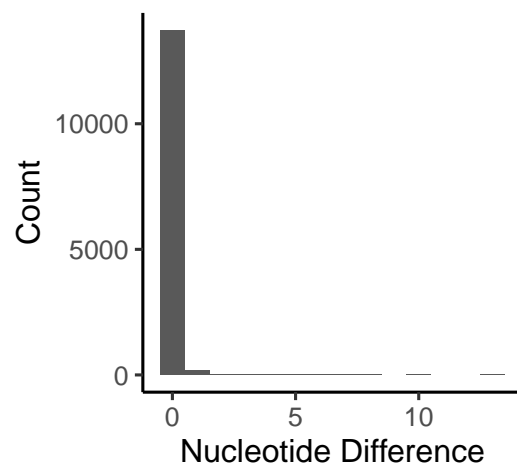
TRBV19*ap01

17705 sequences assigned
17530 (99%) exact matches, in which:
17332 unique CDR3
13 unique J



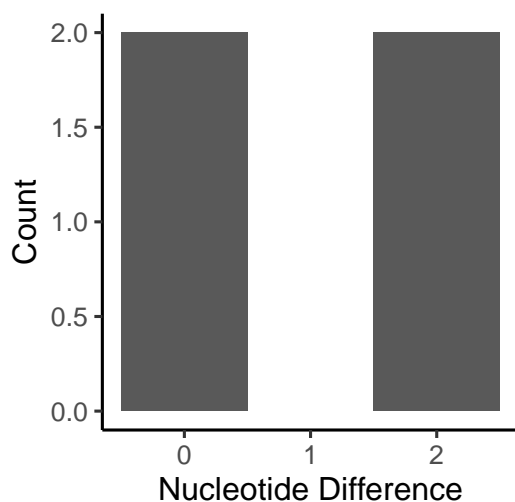
TRBV27*ap01

13926 sequences assigned
13727 (98.6%) exact matches, in which:
13359 unique CDR3
13 unique J



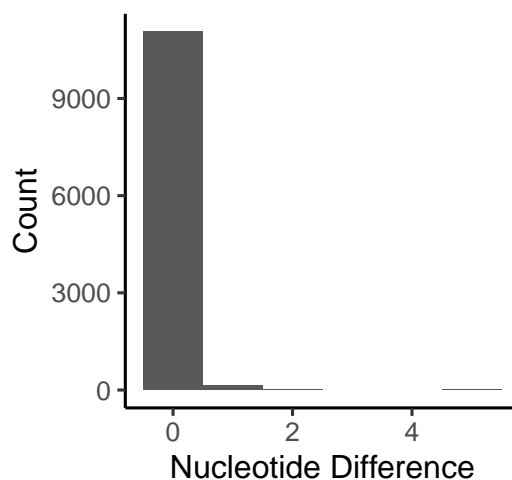
TRBV17*ap01

4 sequences assigned
2 (50%) exact matches, in which:
2 unique CDR3
2 unique J



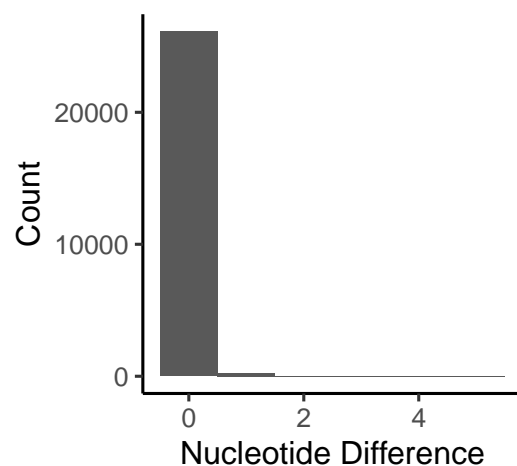
TRBV2*ap01

11211 sequences assigned
11061 (98.7%) exact matches, in which:
10821 unique CDR3
13 unique J



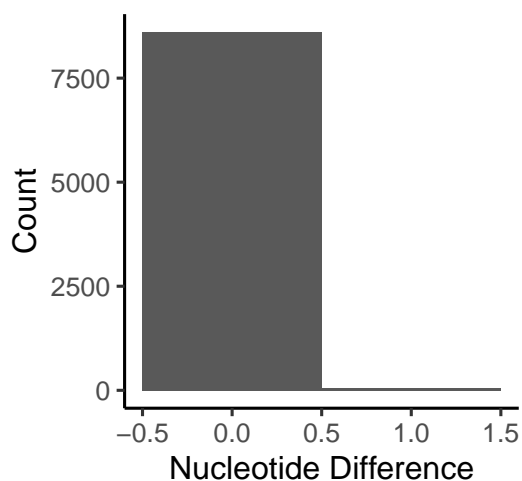
TRBV28*ap01

26381 sequences assigned
26125 (99%) exact matches, in which:
25676 unique CDR3
13 unique J



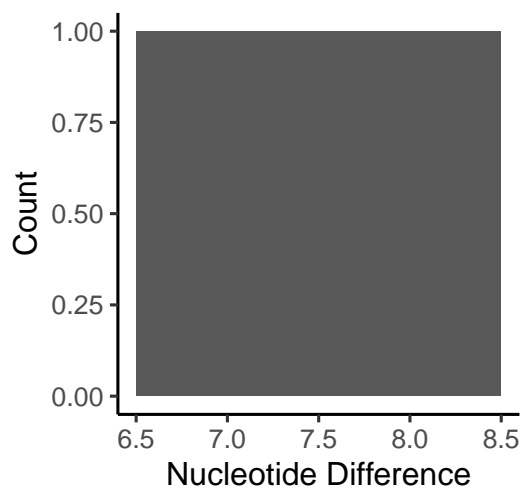
TRBV18*ap01

8666 sequences assigned
8607 (99.3%) exact matches, in which:
8510 unique CDR3
13 unique J



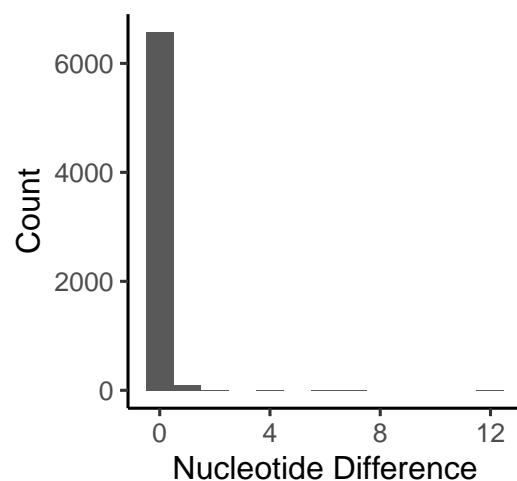
TRBV26*ap01

2 sequences assigned
No exact matches.



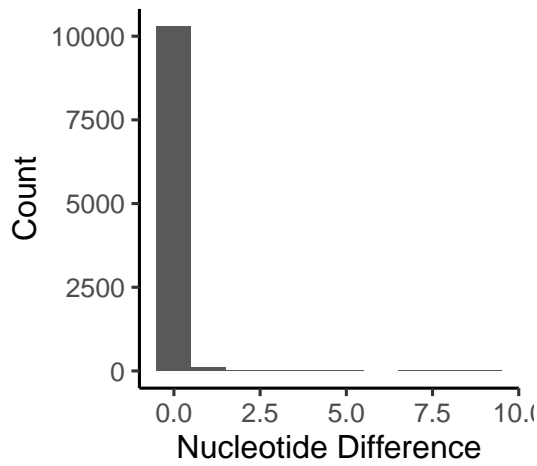
TRBV30*ap01

6687 sequences assigned
6575 (98.3%) exact matches, in which:
6459 unique CDR3
13 unique J



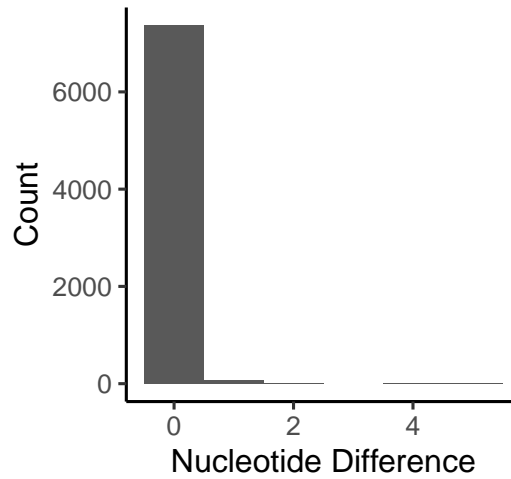
TRBV9*ap01

10406 sequences assigned
10300 (99%) exact matches, in which:
10112 unique CDR3
13 unique J



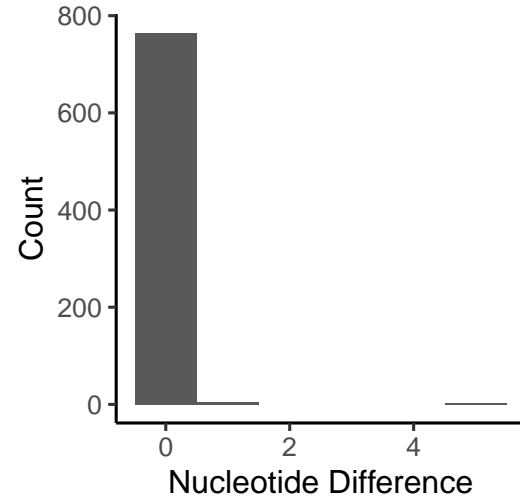
TRBV11-2*ap01

7437 sequences assigned
7367 (99.1%) exact matches, in which:
7221 unique CDR3
13 unique J



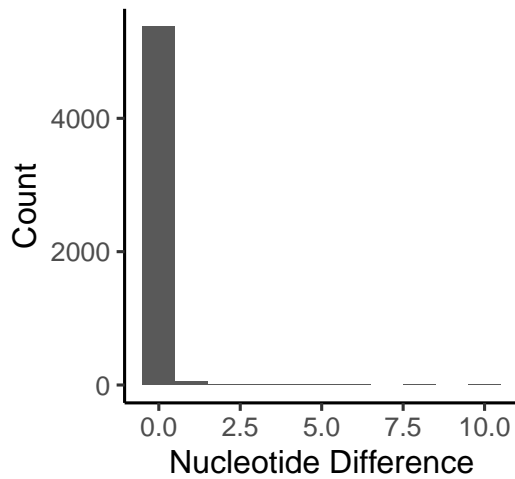
TRBV12-2*ap01

773 sequences assigned
765 (99%) exact matches, in which:
745 unique CDR3
13 unique J



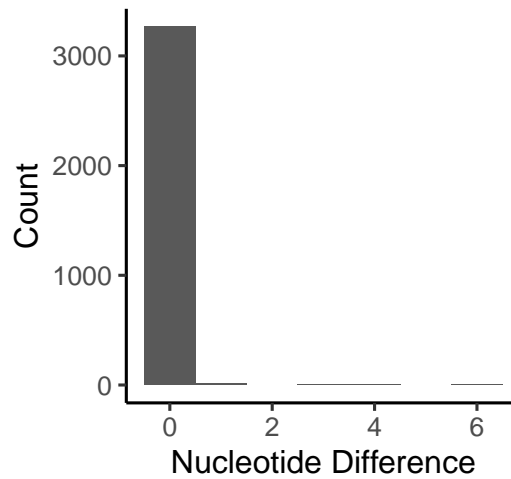
TRBV21-1*ap01

5447 sequences assigned
5374 (98.7%) exact matches, in which:
5296 unique CDR3
13 unique J



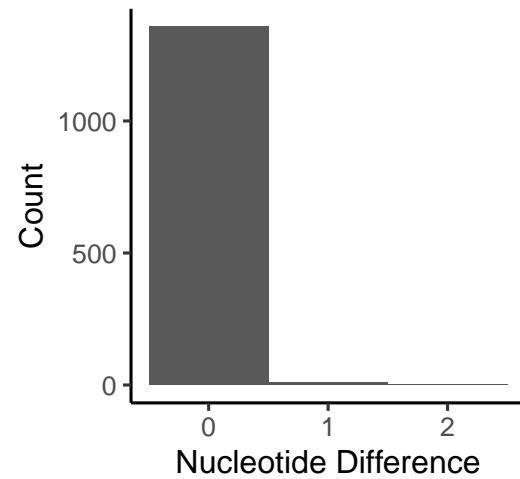
TRBV11-3*ap01

3285 sequences assigned
3266 (99.4%) exact matches, in which:
3220 unique CDR3
13 unique J



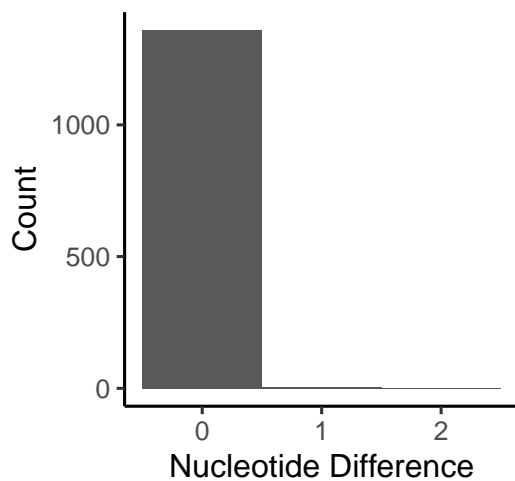
TRBV12-5*ap01

1367 sequences assigned
1357 (99.3%) exact matches, in which:
1326 unique CDR3
13 unique J



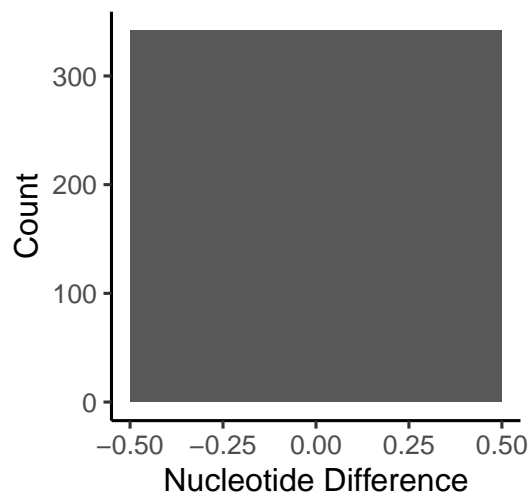
TRBV11-1*ap01

1367 sequences assigned
1360 (99.5%) exact matches, in which:
1337 unique CDR3
13 unique J



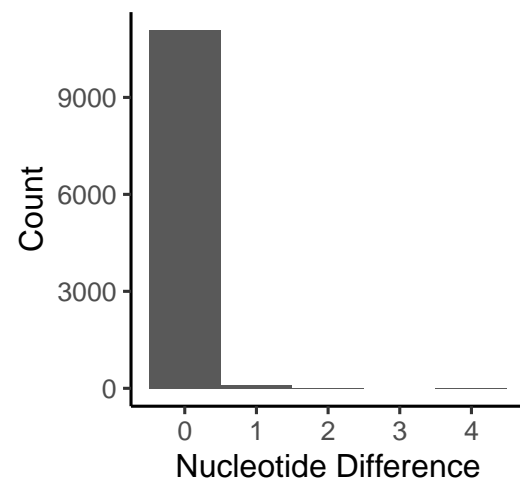
TRBV12-1*ap01

342 sequences assigned
342 (100%) exact matches, in which:
336 unique CDR3
13 unique J



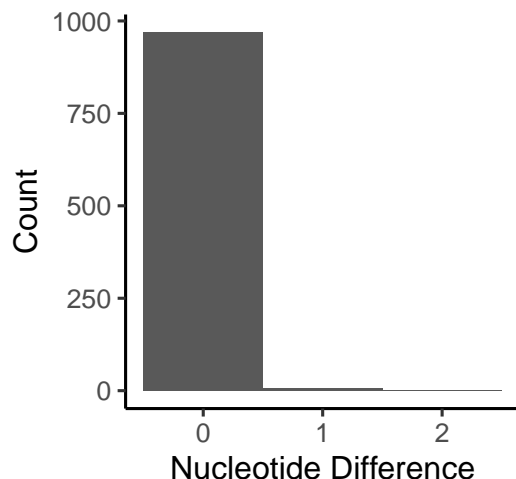
TRBV12-34*ap01

11195 sequences assigned
11084 (99%) exact matches, in which:
10840 unique CDR3
13 unique J



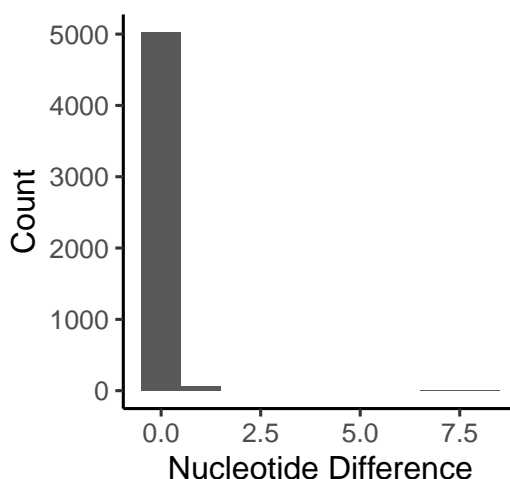
TRBV23–1*ap01

979 sequences assigned
969 (99%) exact matches, in which:
956 unique CDR3
13 unique J



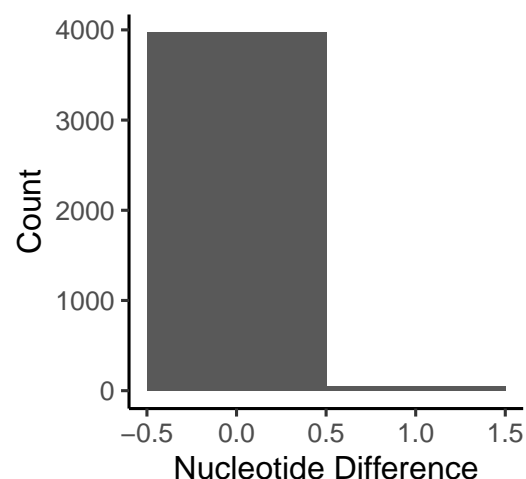
TRBV4–1*ap01

5083 sequences assigned
5024 (98.8%) exact matches, in which:
4908 unique CDR3
13 unique J



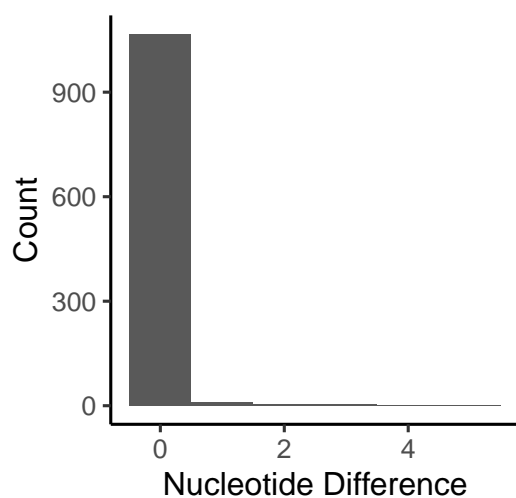
TRBV4–3*ap01

4027 sequences assigned
3972 (98.6%) exact matches, in which:
3891 unique CDR3
13 unique J



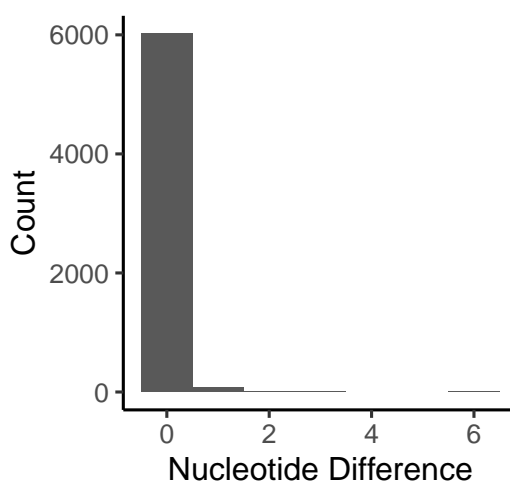
TRBV23–1*ap01_T304C

1085 sequences assigned
1067 (98.3%) exact matches, in which:
1044 unique CDR3
13 unique J



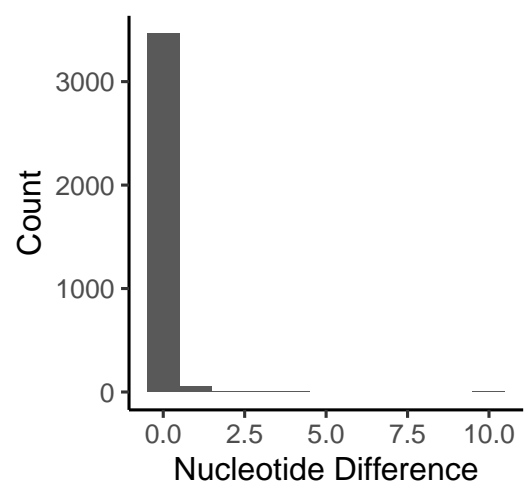
TRBV24–1*ap01

6111 sequences assigned
6019 (98.5%) exact matches, in which:
5914 unique CDR3
13 unique J



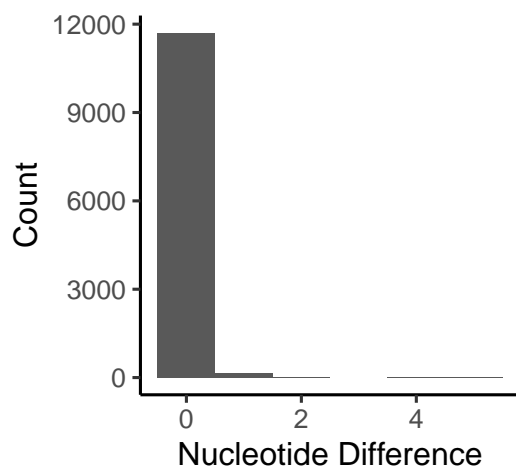
TRBV25–1*ap01

3527 sequences assigned
3463 (98.2%) exact matches, in which:
3383 unique CDR3
13 unique J



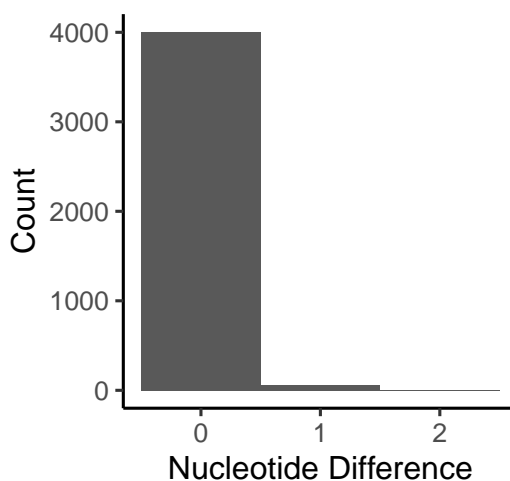
TRBV3–12*ap01

11867 sequences assigned
11707 (98.7%) exact matches, in which:
11437 unique CDR3
13 unique J



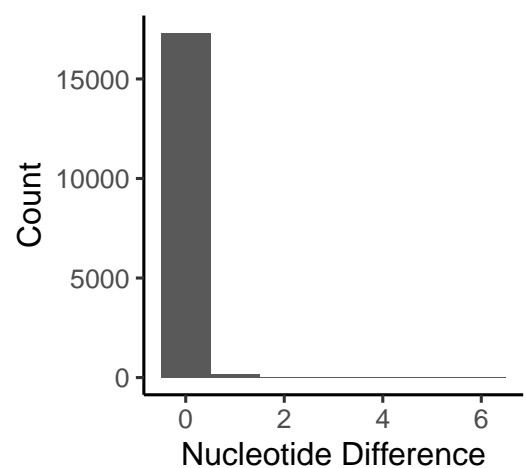
TRBV4–2*ap01

4067 sequences assigned
4003 (98.4%) exact matches, in which:
3896 unique CDR3
13 unique J



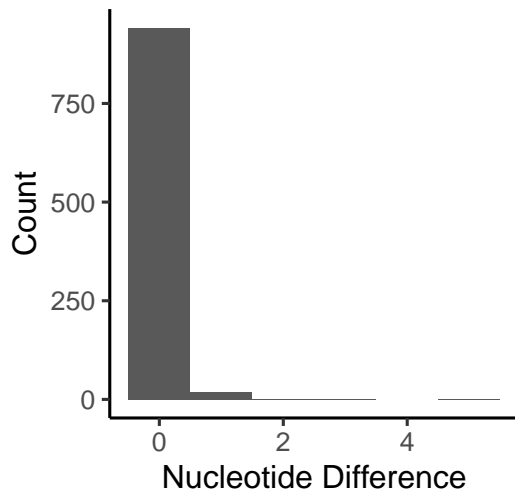
TRBV5–1*ap01

17485 sequences assigned
17317 (99%) exact matches, in which:
16915 unique CDR3
13 unique J



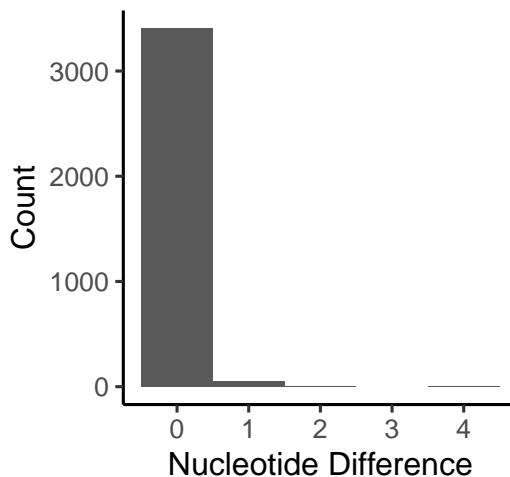
TRBV5-3*ap01

965 sequences assigned
942 (97.6%) exact matches, in which:
927 unique CDR3
13 unique J



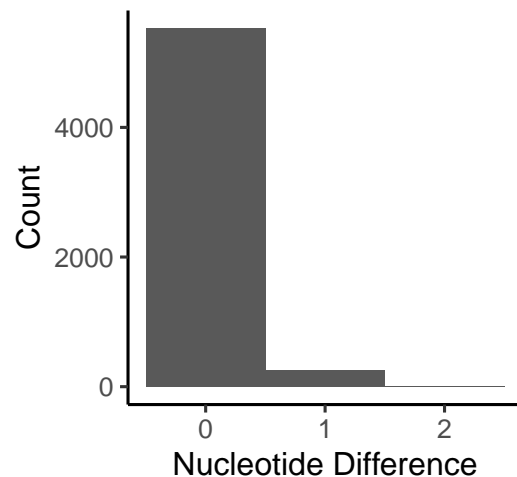
TRBV5-6*ap01

3456 sequences assigned
3405 (98.5%) exact matches, in which:
3302 unique CDR3
13 unique J



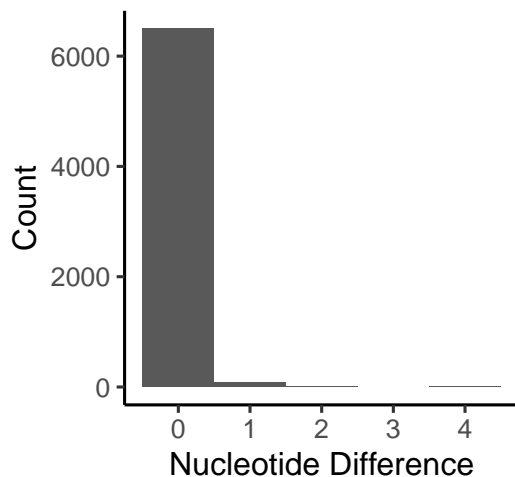
TRBV6-1*ap01

5792 sequences assigned
5527 (95.4%) exact matches, in which:
5388 unique CDR3
13 unique J



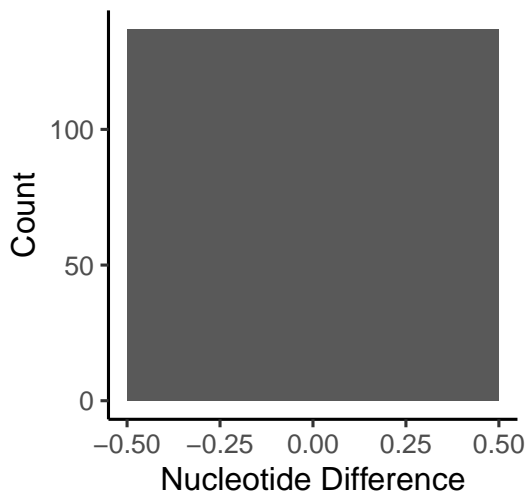
TRBV5-4*ap01

6576 sequences assigned
6497 (98.8%) exact matches, in which:
6359 unique CDR3
13 unique J



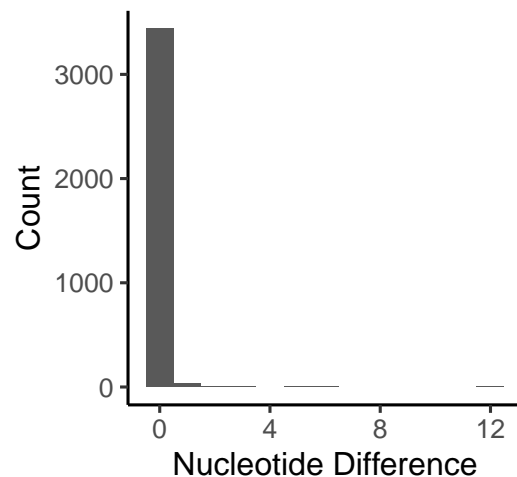
TRBV5-7*ap01

137 sequences assigned
137 (100%) exact matches, in which:
132 unique CDR3
13 unique J



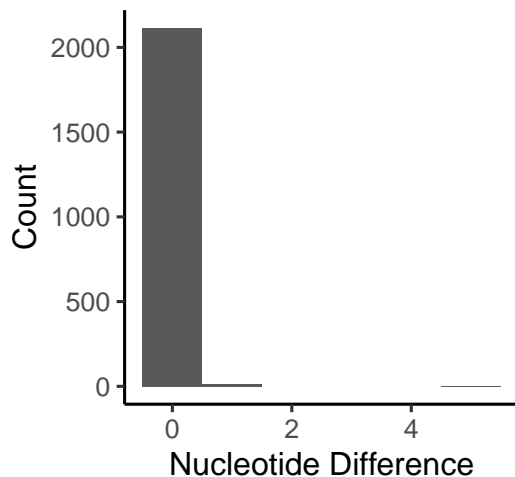
TRBV6-4*ap01

3479 sequences assigned
3438 (98.8%) exact matches, in which:
3374 unique CDR3
13 unique J



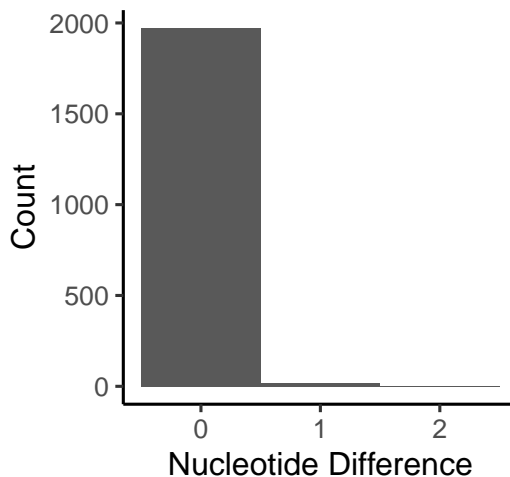
TRBV5-5*ap01

2129 sequences assigned
2114 (99.3%) exact matches, in which:
2101 unique CDR3
13 unique J



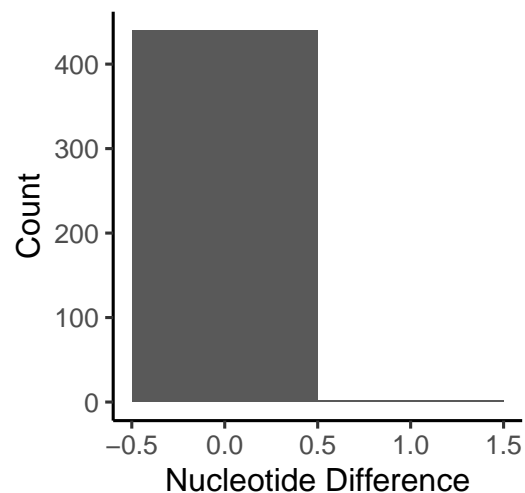
TRBV5-8*ap01

1993 sequences assigned
1972 (98.9%) exact matches, in which:
1928 unique CDR3
13 unique J



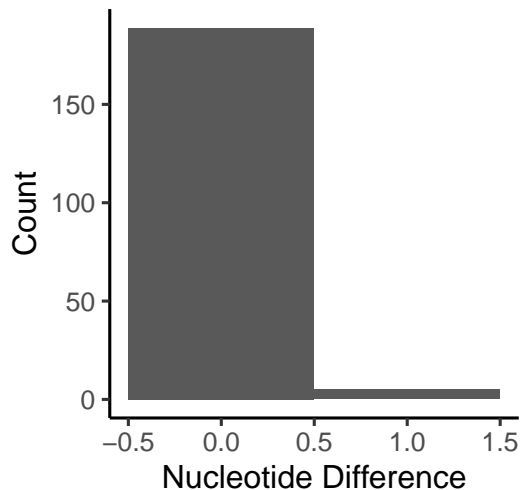
TRBV6-7*ap01

442 sequences assigned
440 (99.5%) exact matches, in which:
423 unique CDR3
13 unique J



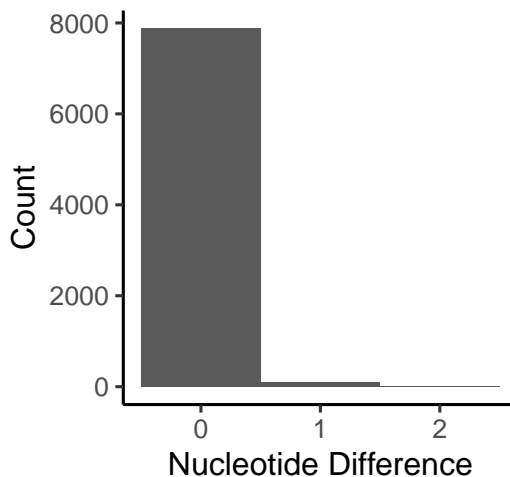
TRBV6–8*ap01

194 sequences assigned
189 (97.4%) exact matches, in which:
186 unique CDR3
13 unique J



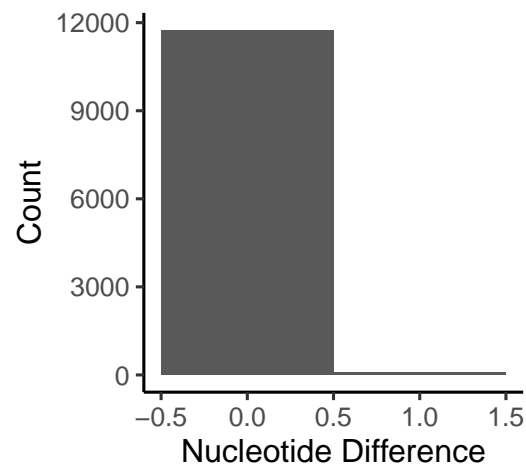
TRBV6–56*ap01

7974 sequences assigned
7880 (98.8%) exact matches, in which:
7671 unique CDR3
13 unique J



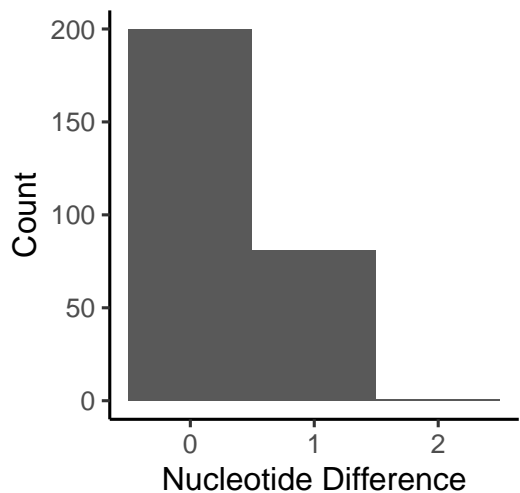
TRBV7–2*ap01

11846 sequences assigned
11745 (99.1%) exact matches, in which:
11515 unique CDR3
13 unique J



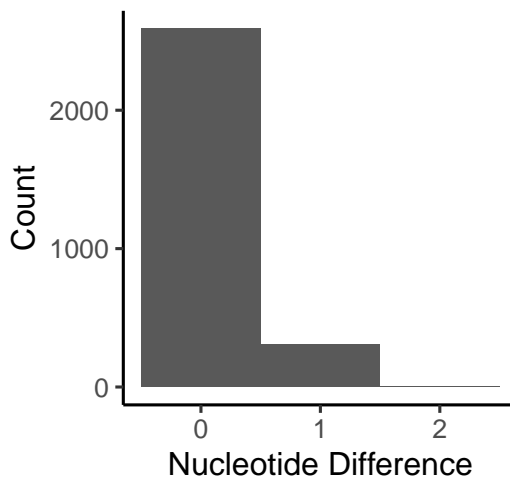
TRBV6–9*ap01

282 sequences assigned
200 (70.9%) exact matches, in which:
200 unique CDR3
13 unique J



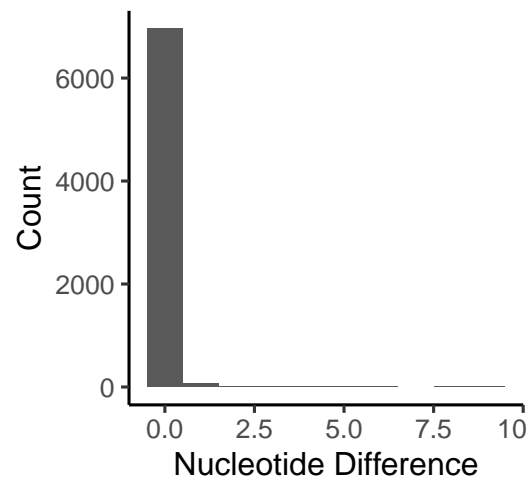
TRBV6–56*ap02

2904 sequences assigned
2589 (89.2%) exact matches, in which:
2526 unique CDR3
13 unique J



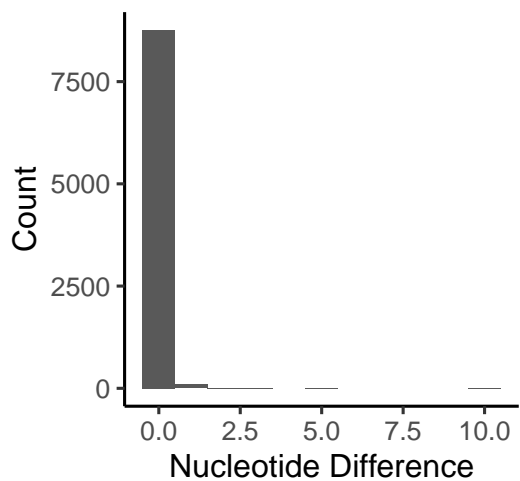
TRBV7–3*ap01

7027 sequences assigned
6958 (99%) exact matches, in which:
6879 unique CDR3
13 unique J



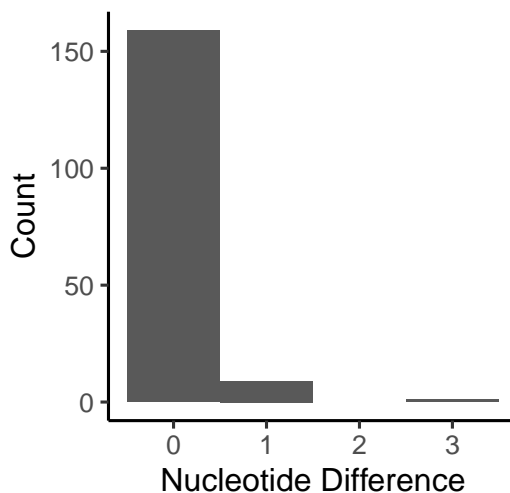
TRBV6–23*ap01

8869 sequences assigned
8761 (98.8%) exact matches, in which:
8498 unique CDR3
13 unique J



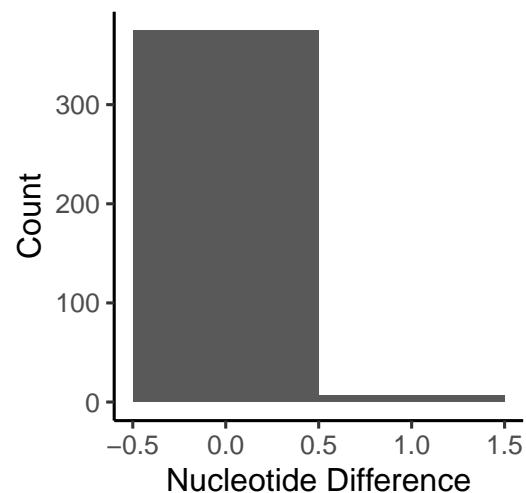
TRBV7–1*ap01_G291C_

169 sequences assigned
159 (94.1%) exact matches, in which:
155 unique CDR3
13 unique J



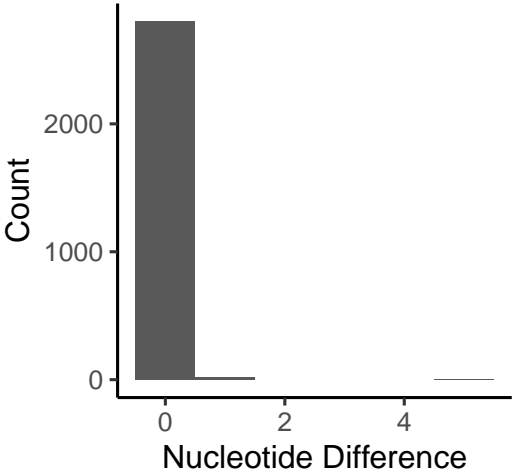
TRBV7–4*ap01

382 sequences assigned
375 (98.2%) exact matches, in which:
364 unique CDR3
13 unique J



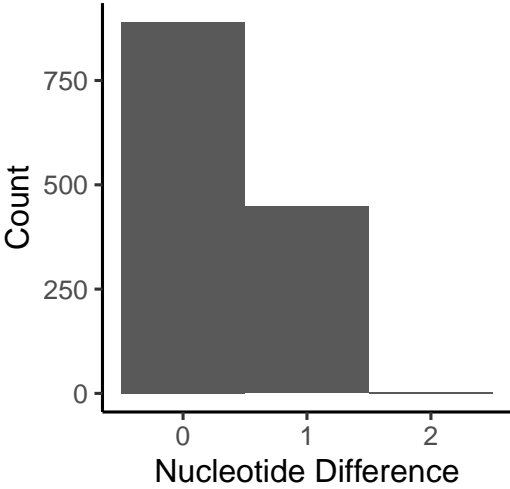
TRBV7-6*ap01

2824 sequences assigned
2801 (99.2%) exact matches, in which:
2735 unique CDR3
13 unique J



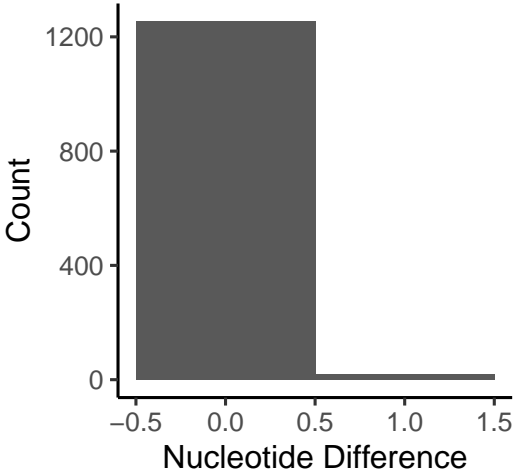
TRBV7-8*ap03

1343 sequences assigned
891 (66.3%) exact matches, in which:
873 unique CDR3
13 unique J



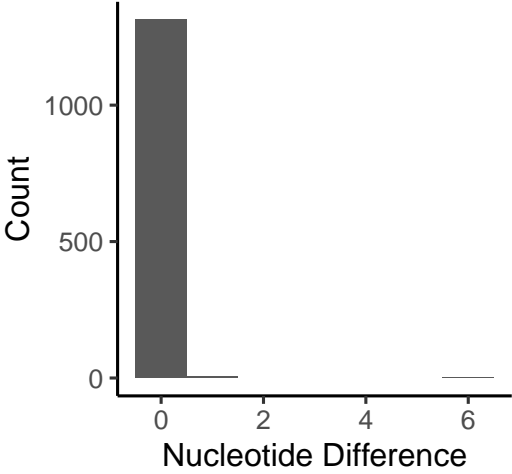
TRBV29-1*ap02

1273 sequences assigned
1254 (98.5%) exact matches, in which:
1233 unique CDR3
13 unique J



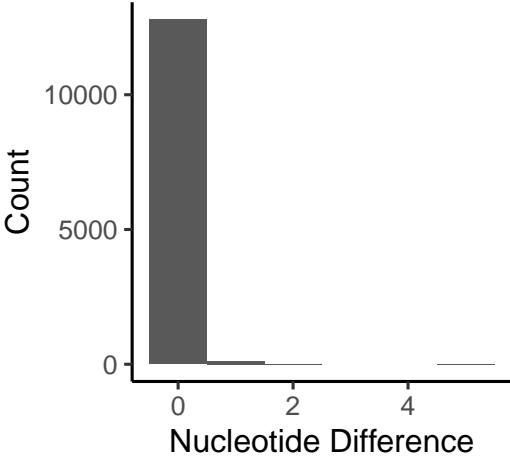
TRBV7-7*ap01_C315T

1320 sequences assigned
1313 (99.5%) exact matches, in which:
1292 unique CDR3
13 unique J



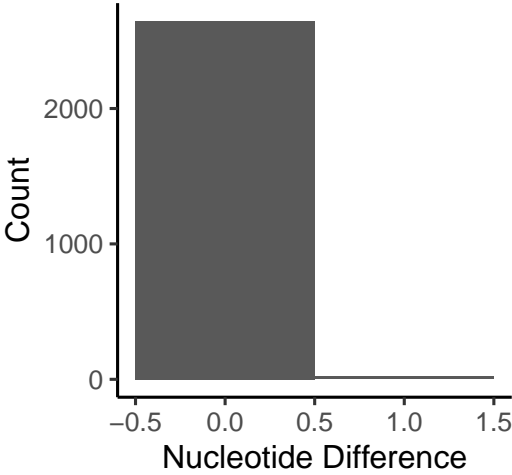
TRBV7-9*ap01

12912 sequences assigned
12793 (99.1%) exact matches, in which:
12578 unique CDR3
13 unique J



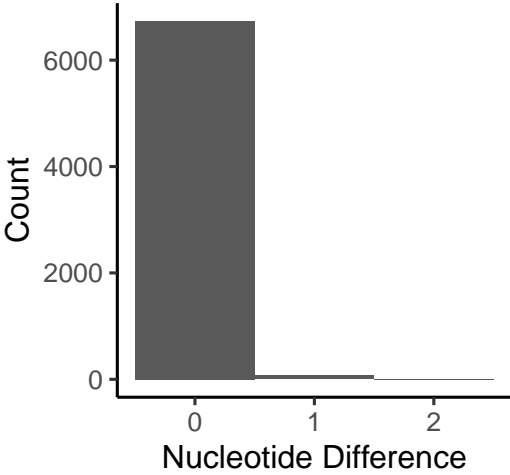
TRBV7-8*ap01

2668 sequences assigned
2646 (99.2%) exact matches, in which:
2596 unique CDR3
13 unique J

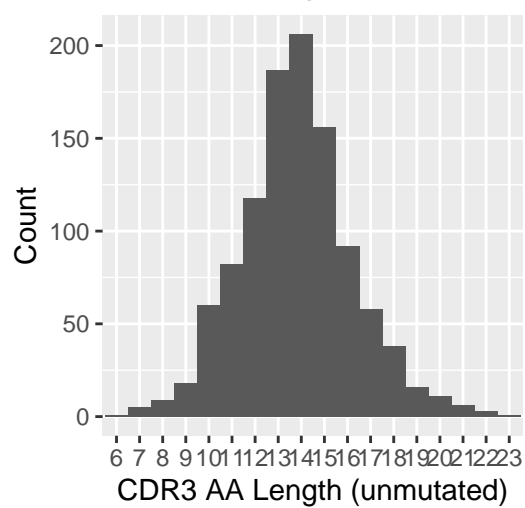


TRBV29-1*ap01

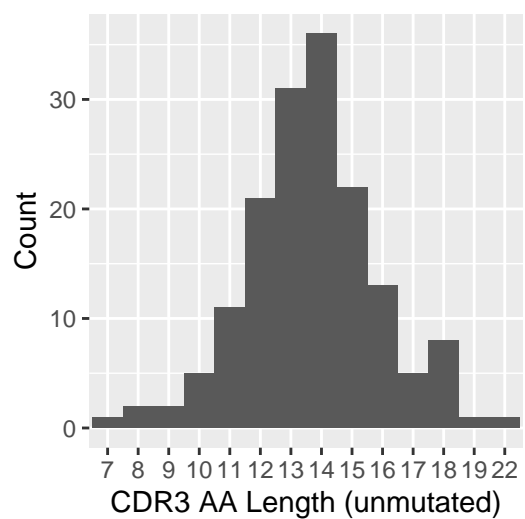
6807 sequences assigned
6735 (98.9%) exact matches, in which:
6610 unique CDR3
13 unique J



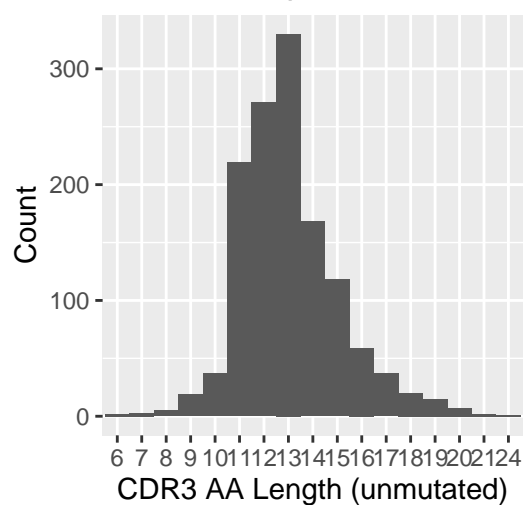
TRBV23-1*ap01_T304C



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.