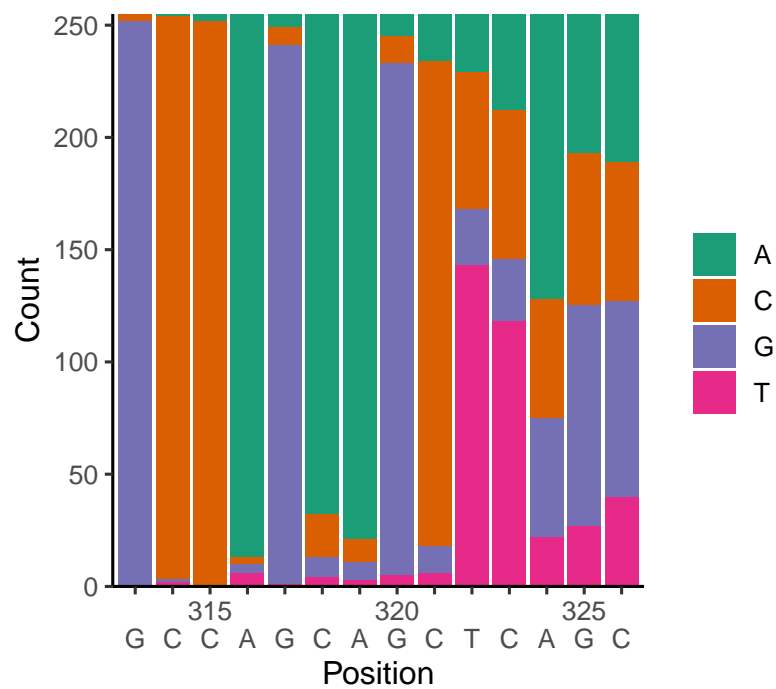
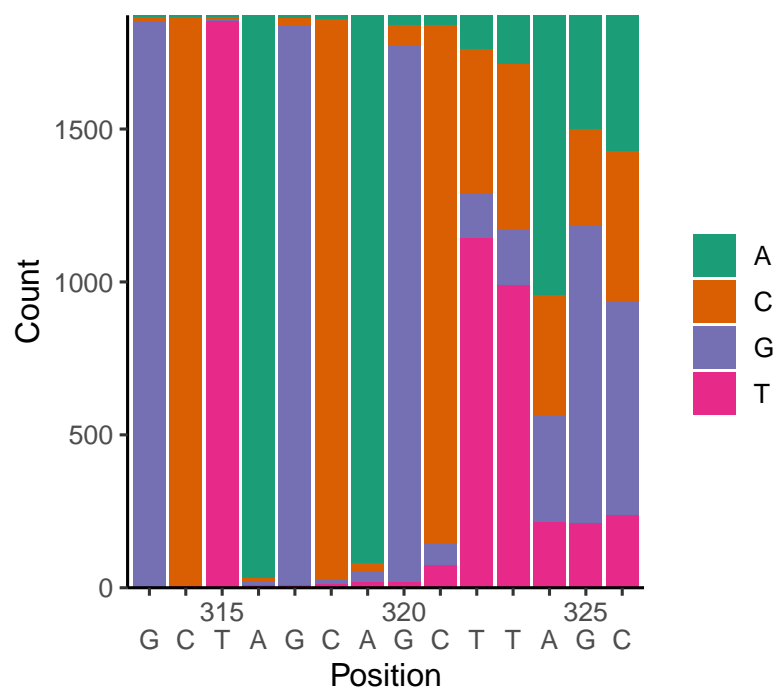


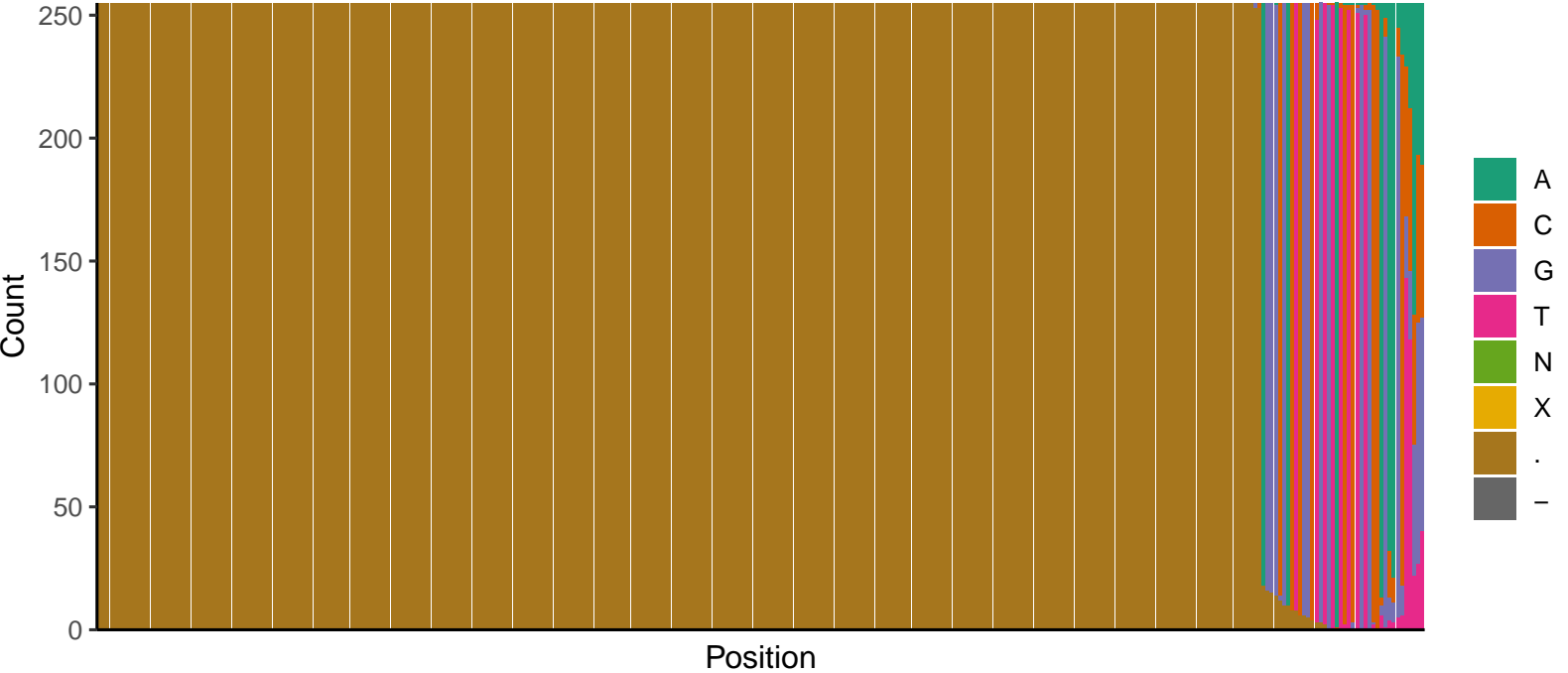
Gene TRBV7-1*ap01_G291C_T296C



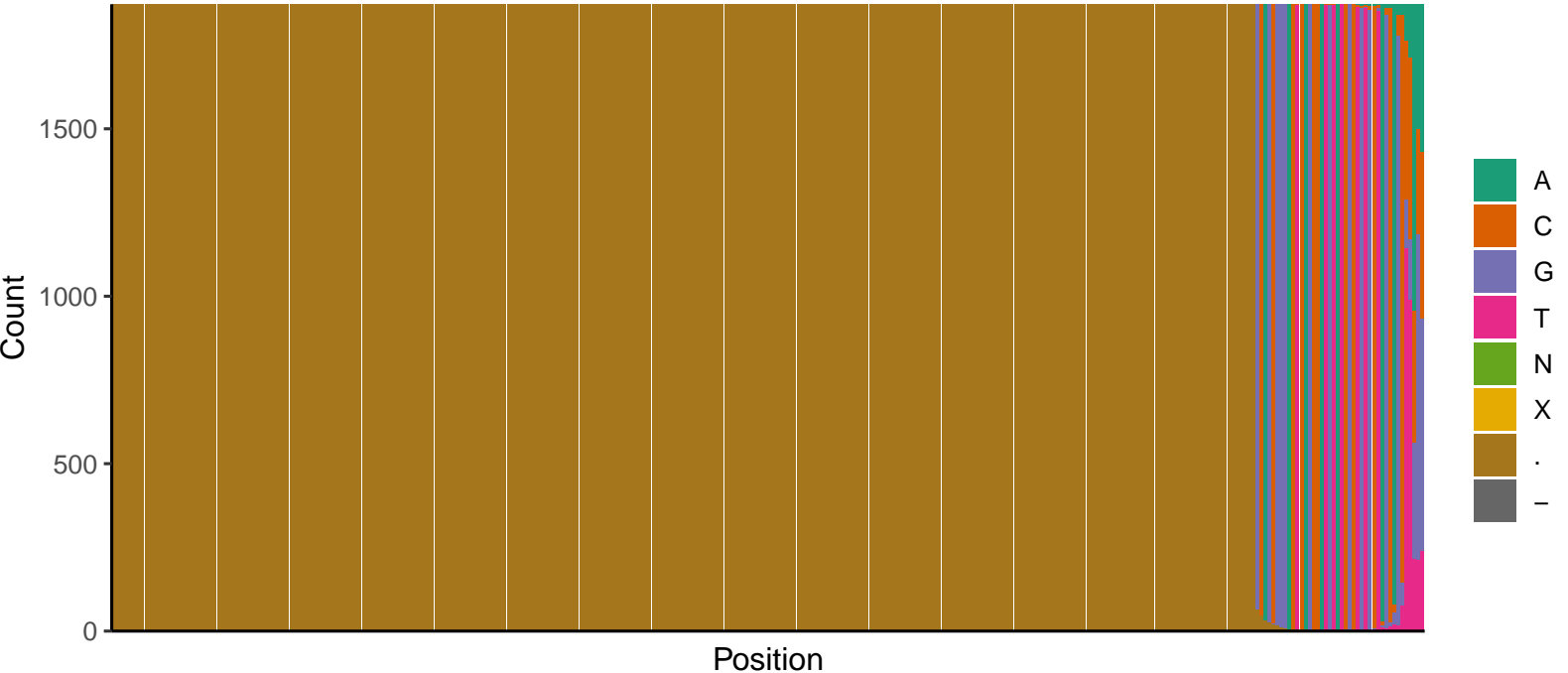
Gene TRBV7-7*ap01_C315T



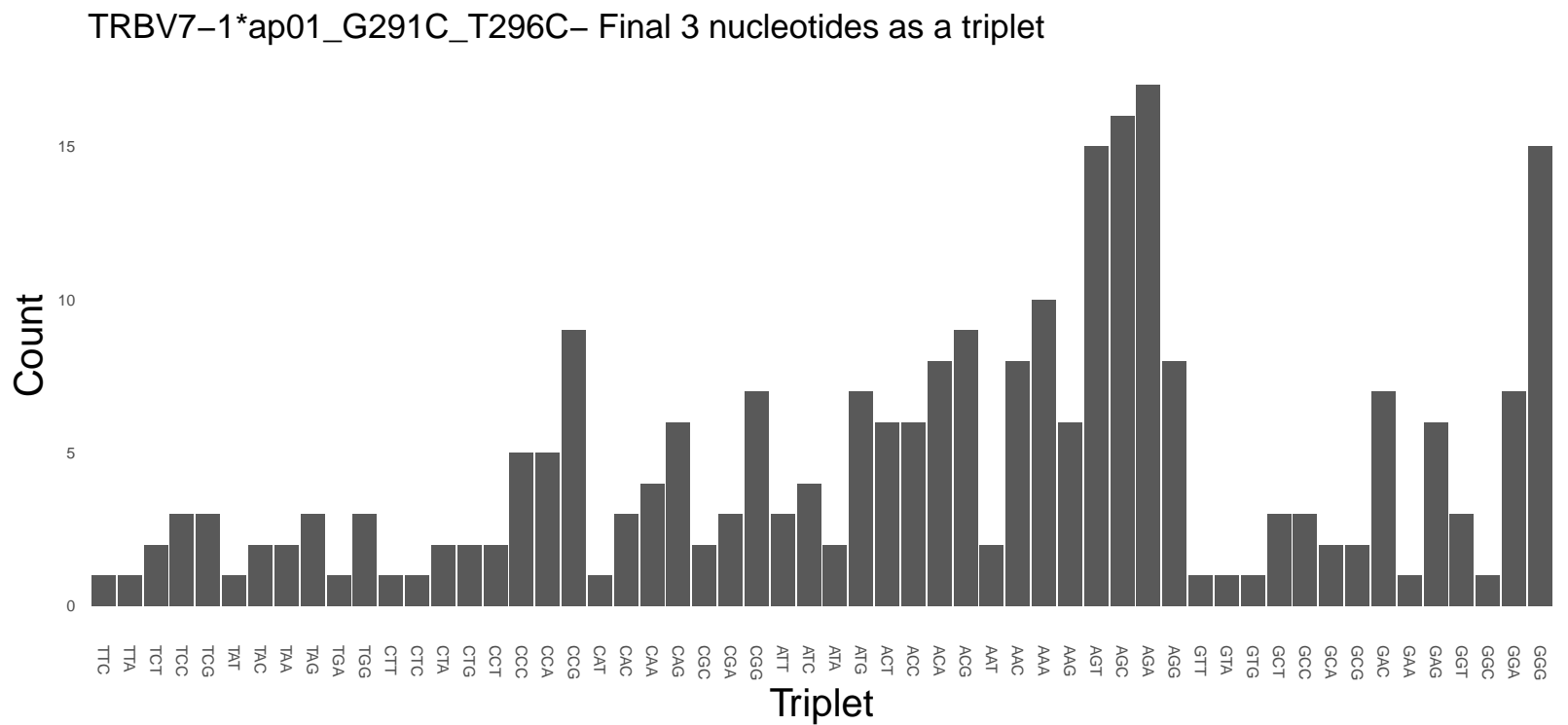
Gene TRBV7-1*ap01_G291C_T296C



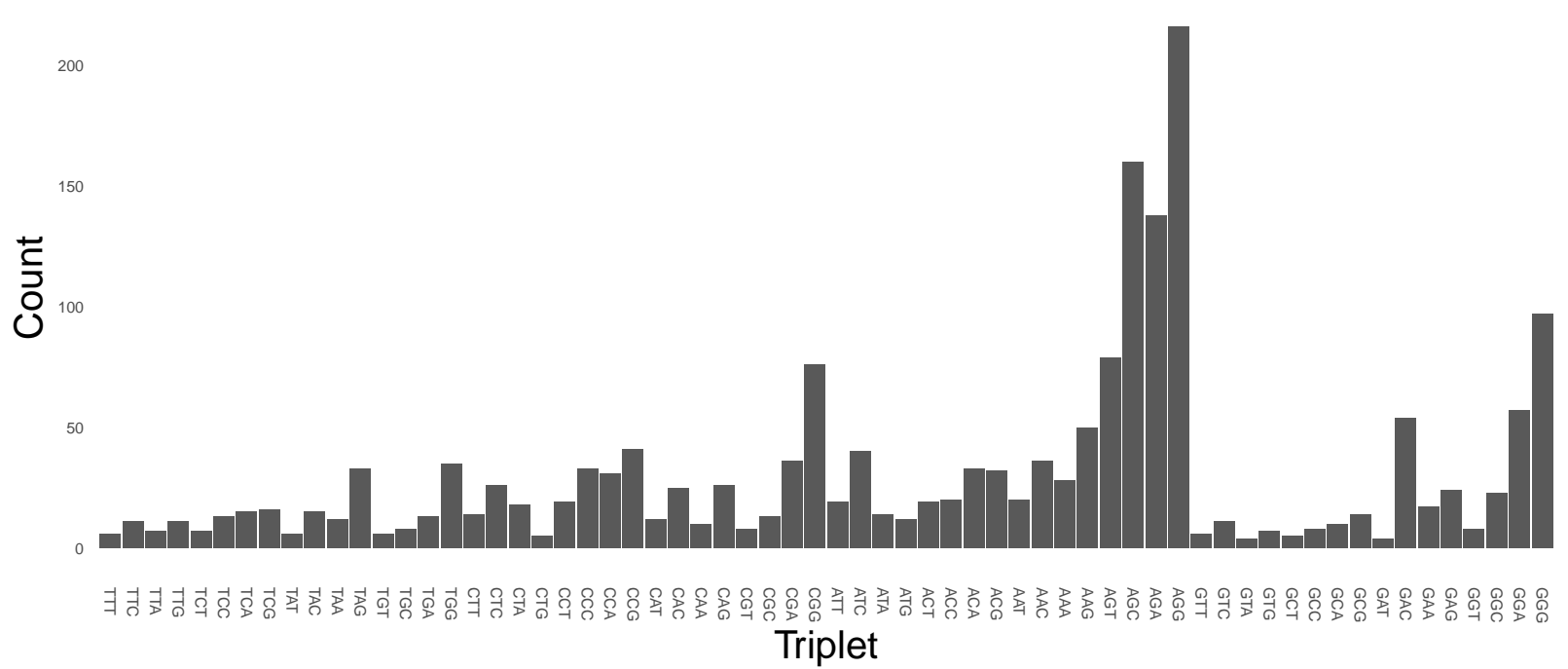
Gene TRBV7-7*ap01_C315T



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

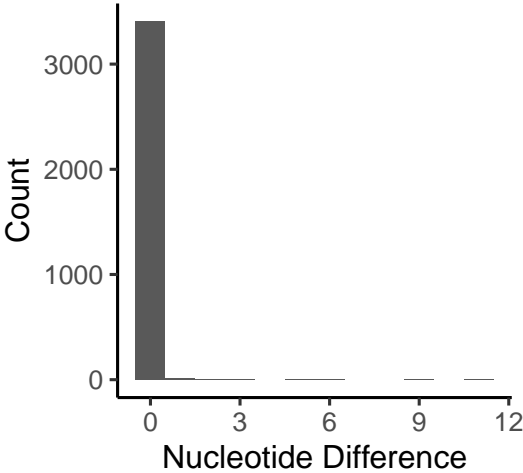


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



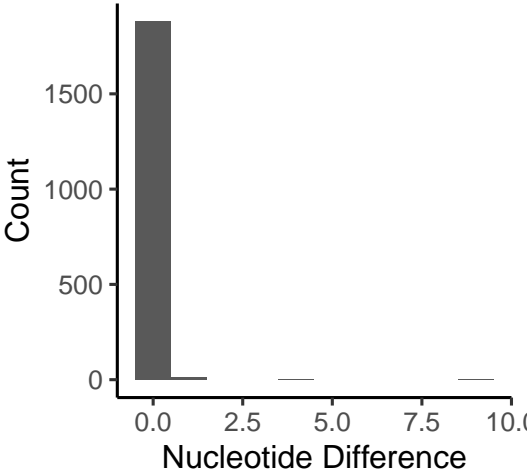
TRBV10-1*ap01

3433 sequences assigned
3406 (99.2%) exact matches, in which:
3346 unique CDR3
13 unique J



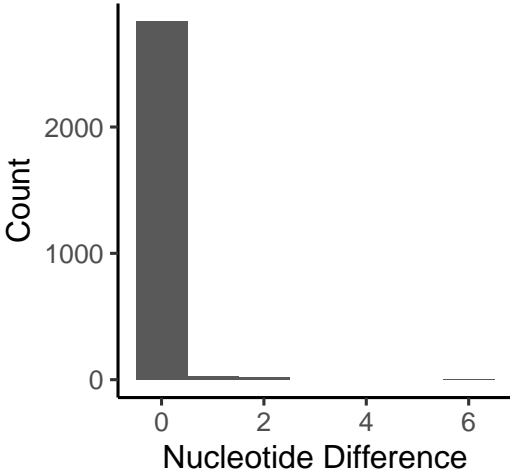
TRBV10-2*ap01

1897 sequences assigned
1880 (99.1%) exact matches, in which:
1838 unique CDR3
13 unique J



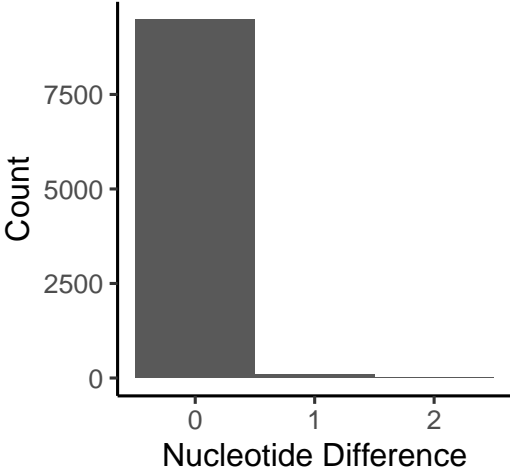
TRBV13*ap01

2889 sequences assigned
2836 (98.2%) exact matches, in which:
2749 unique CDR3
13 unique J



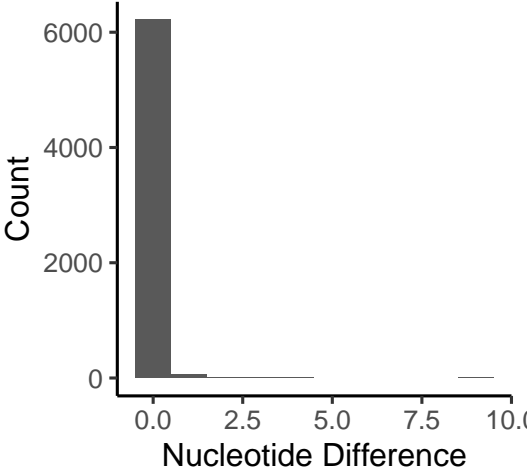
TRBV20-1*ap01

9573 sequences assigned
9476 (99%) exact matches, in which:
9330 unique CDR3
13 unique J



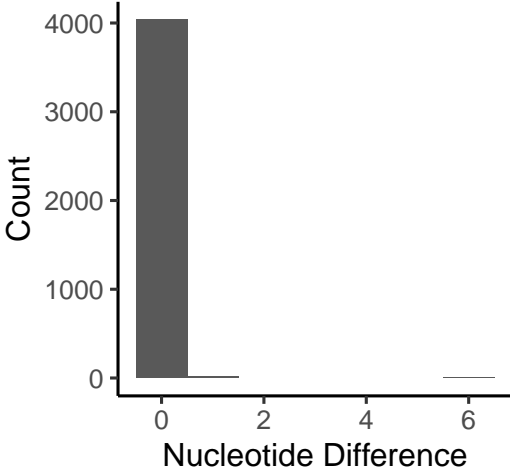
TRBV10-3*ap01

6290 sequences assigned
6217 (98.8%) exact matches, in which:
6107 unique CDR3
13 unique J



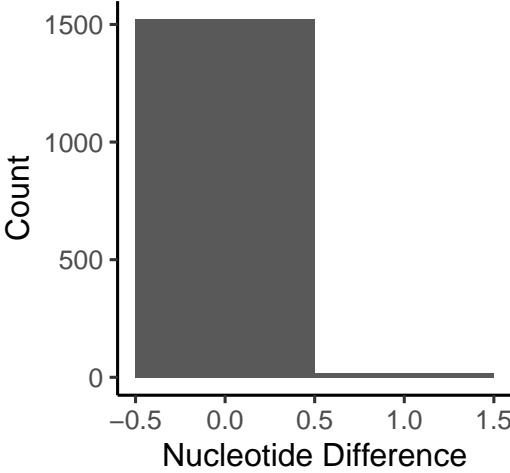
TRBV14*ap01

4058 sequences assigned
4037 (99.5%) exact matches, in which:
3983 unique CDR3
13 unique J



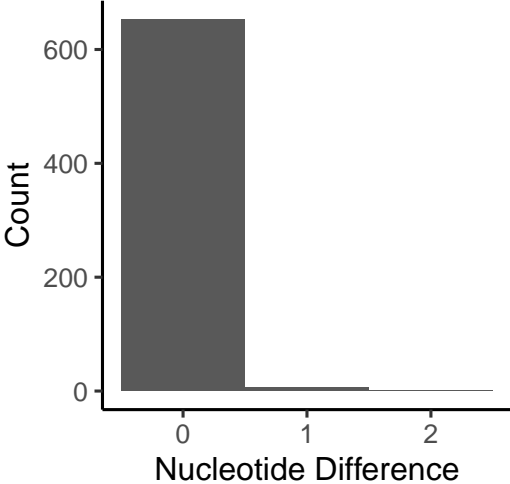
TRBV20-1*ap02

1542 sequences assigned
1523 (98.8%) exact matches, in which:
1505 unique CDR3
13 unique J



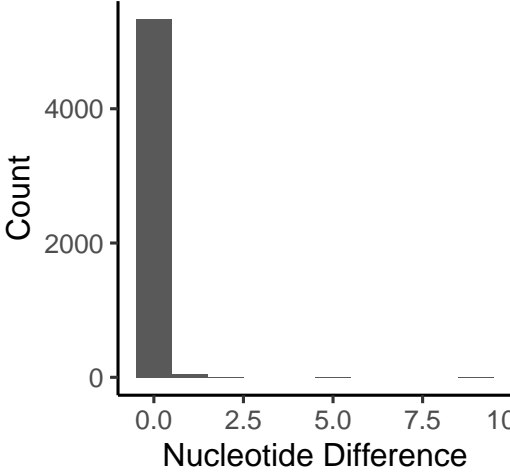
TRBV1*ap01

660 sequences assigned
653 (98.9%) exact matches, in which:
641 unique CDR3
13 unique J



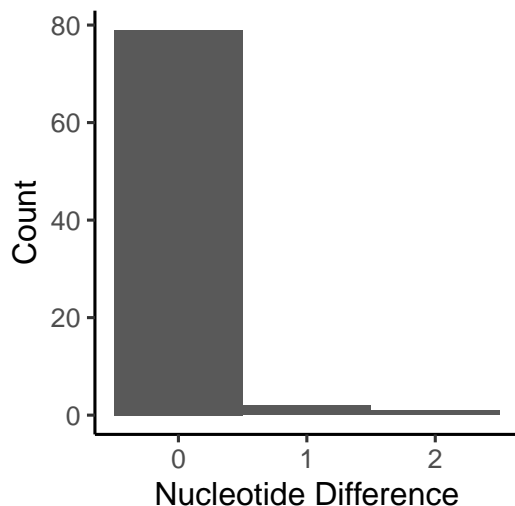
TRBV15*ap02

5388 sequences assigned
5336 (99%) exact matches, in which:
5215 unique CDR3
13 unique J



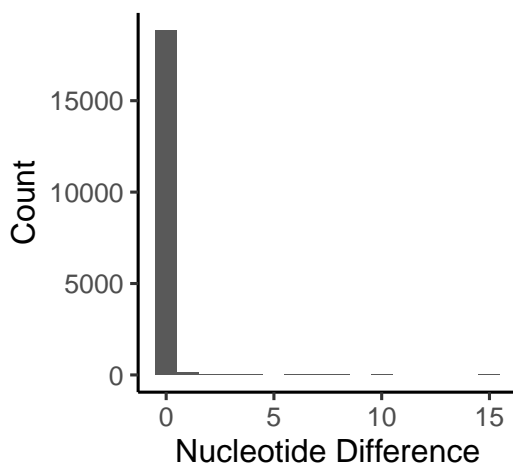
TRBV16*ap01

82 sequences assigned
79 (96.3%) exact matches, in which:
79 unique CDR3
13 unique J



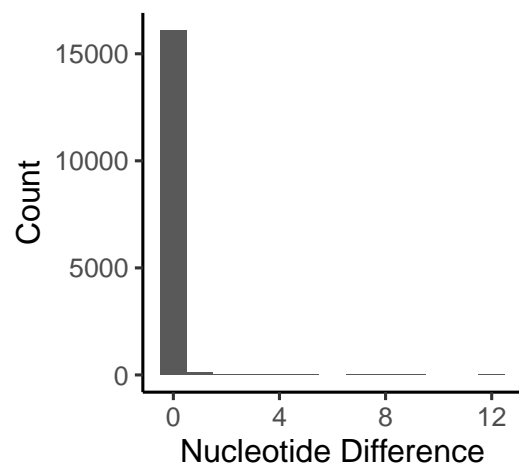
TRBV19*ap01

19023 sequences assigned
18859 (99.1%) exact matches, in which:
18659 unique CDR3
13 unique J



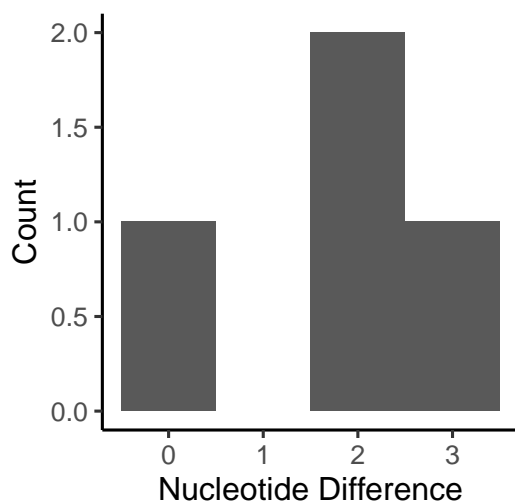
TRBV27*ap01

16258 sequences assigned
16104 (99.1%) exact matches, in which:
15796 unique CDR3
13 unique J



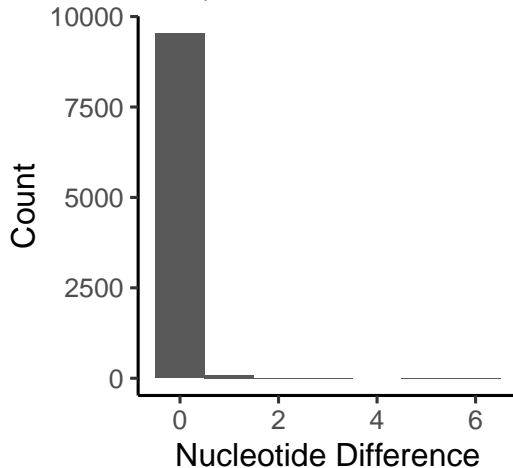
TRBV17*ap01

4 sequences assigned
1 (25%) exact matches, in which:
1 unique CDR3
1 unique J



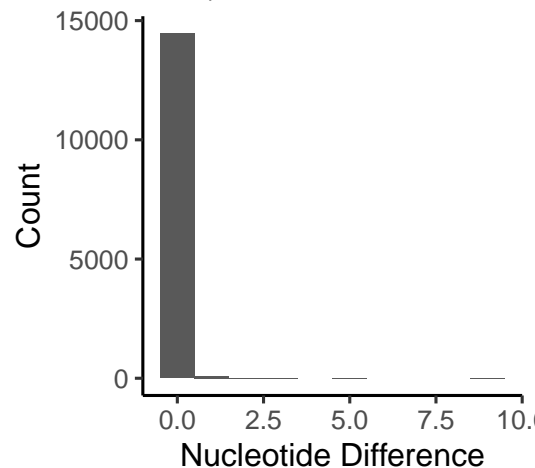
TRBV2*ap01

9633 sequences assigned
9533 (99%) exact matches, in which:
9388 unique CDR3
13 unique J



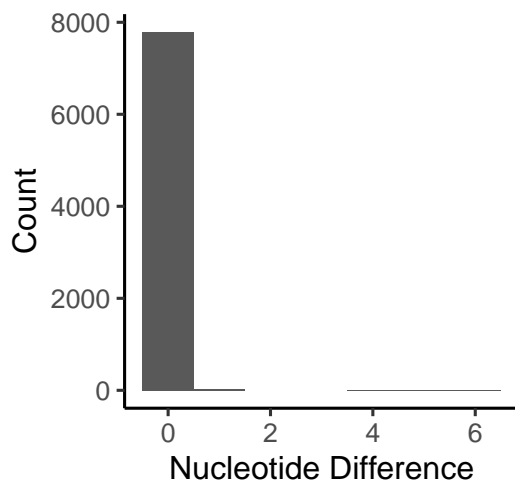
TRBV28*ap01

14573 sequences assigned
14461 (99.2%) exact matches, in which:
14249 unique CDR3
13 unique J



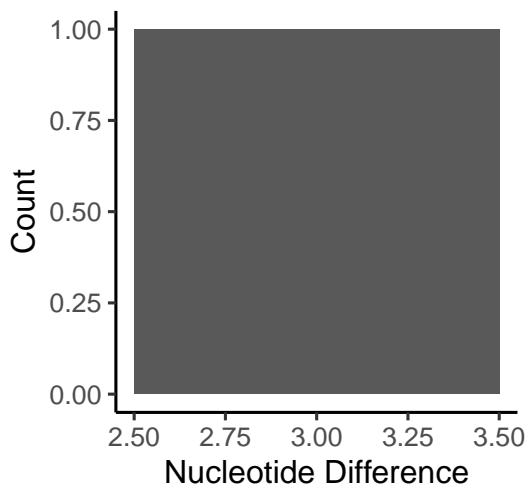
TRBV18*ap01

7826 sequences assigned
7788 (99.5%) exact matches, in which:
7700 unique CDR3
13 unique J



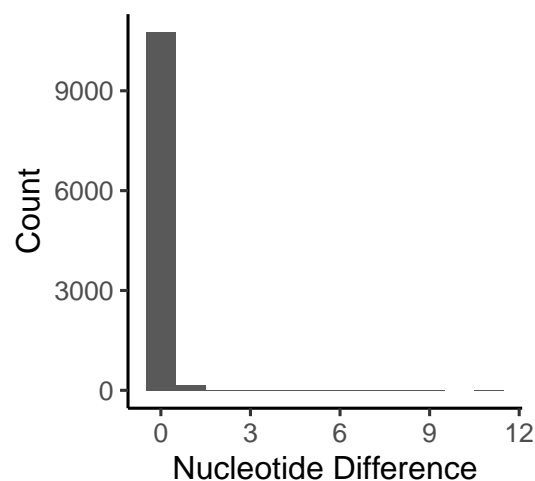
TRBV26*ap01

1 sequences assigned
No exact matches.



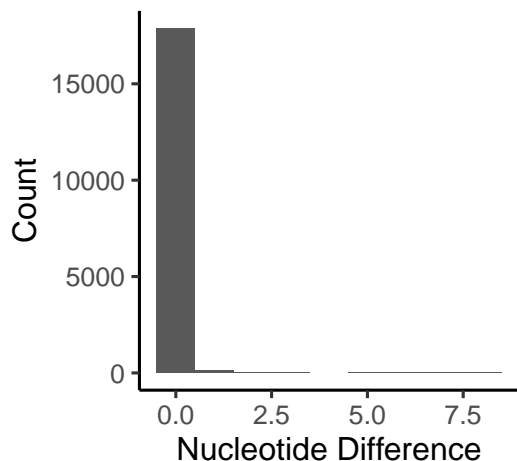
TRBV30*ap01

10935 sequences assigned
10765 (98.4%) exact matches, in which:
10507 unique CDR3
13 unique J



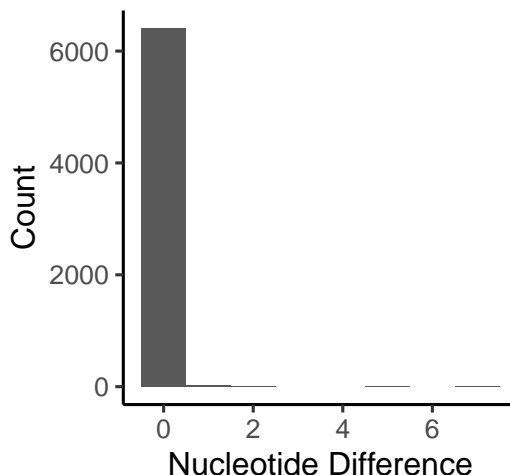
TRBV9*ap01

18027 sequences assigned
17888 (99.2%) exact matches, in which:
17600 unique CDR3
14 unique J



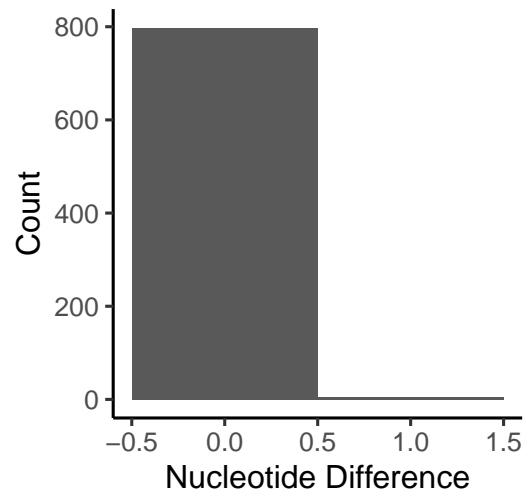
TRBV11-2*ap01

6438 sequences assigned
6405 (99.5%) exact matches, in which:
6340 unique CDR3
13 unique J



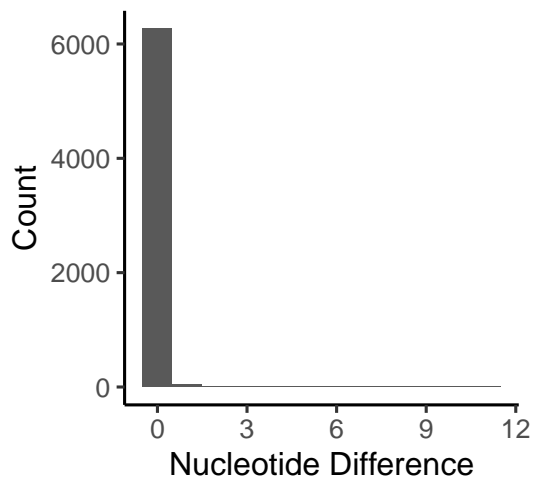
TRBV12-2*ap01

803 sequences assigned
798 (99.4%) exact matches, in which:
779 unique CDR3
13 unique J



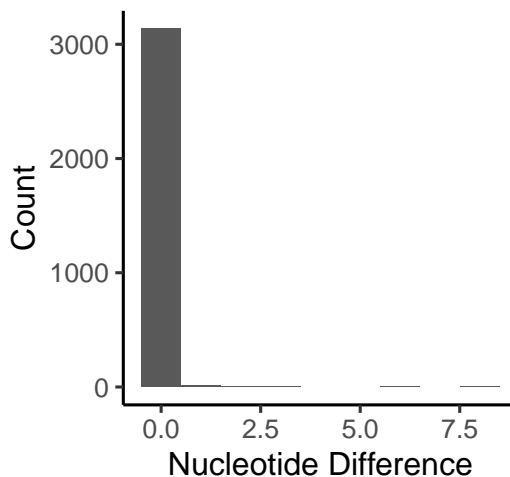
TRBV21-1*ap01

6348 sequences assigned
6267 (98.7%) exact matches, in which:
6213 unique CDR3
13 unique J



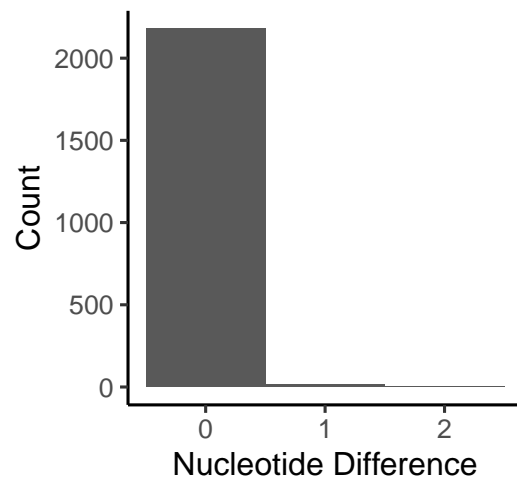
TRBV11-3*ap01

3157 sequences assigned
3136 (99.3%) exact matches, in which:
3106 unique CDR3
14 unique J



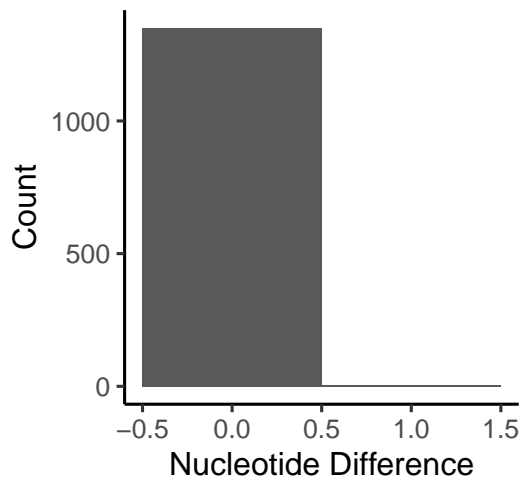
TRBV12-5*ap01

2196 sequences assigned
2179 (99.2%) exact matches, in which:
2142 unique CDR3
13 unique J



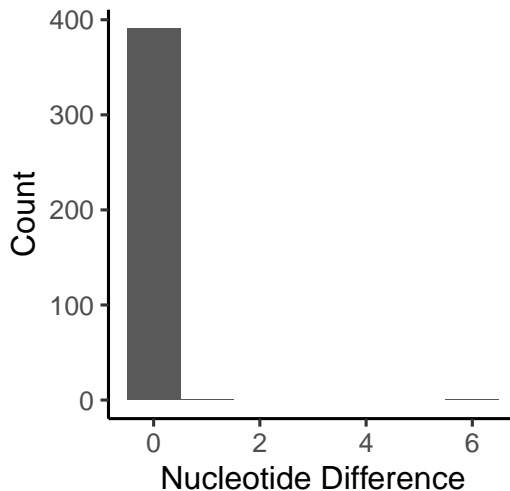
TRBV11-1*ap01

1355 sequences assigned
1350 (99.6%) exact matches, in which:
1345 unique CDR3
13 unique J



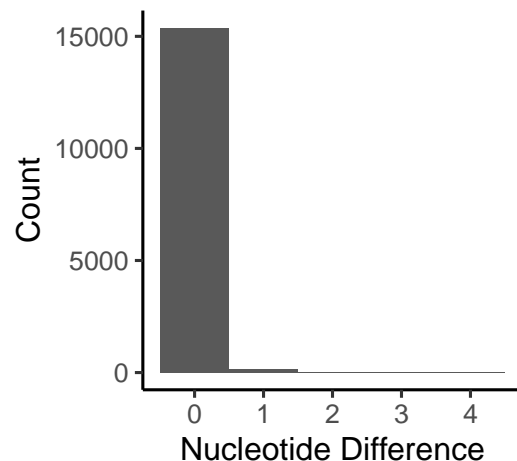
TRBV12-1*ap01

393 sequences assigned
391 (99.5%) exact matches, in which:
387 unique CDR3
13 unique J



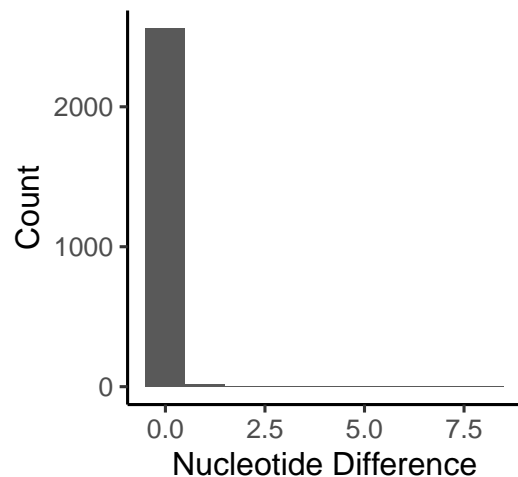
TRBV12-34*ap01

15549 sequences assigned
15381 (98.9%) exact matches, in which:
15072 unique CDR3
13 unique J



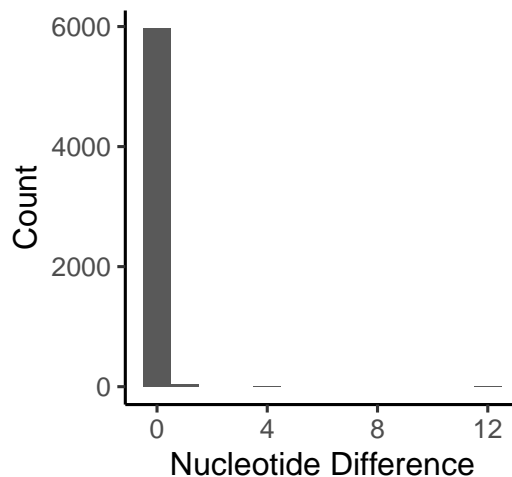
TRBV23-1*ap01

2591 sequences assigned
2560 (98.8%) exact matches, in which:
2519 unique CDR3
13 unique J



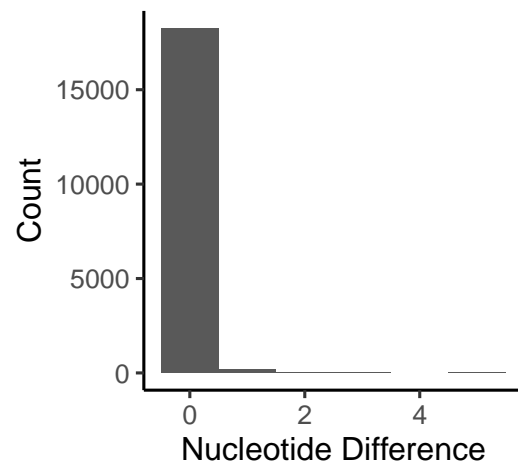
TRBV4-1*ap01

6016 sequences assigned
5969 (99.2%) exact matches, in which:
5812 unique CDR3
13 unique J



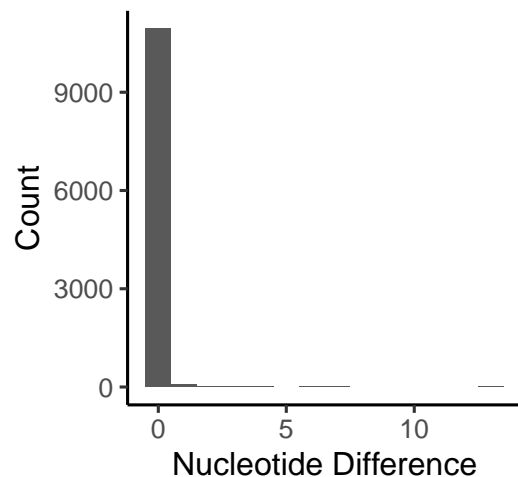
TRBV5-1*ap01

18446 sequences assigned
18260 (99%) exact matches, in which:
17792 unique CDR3
13 unique J



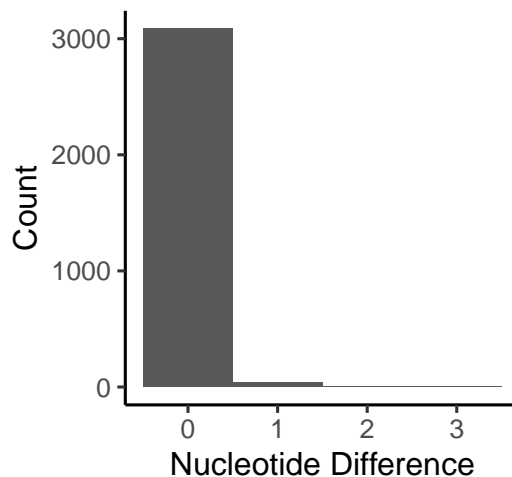
TRBV3-12*ap01

11027 sequences assigned
10940 (99.2%) exact matches, in which:
10835 unique CDR3
13 unique J



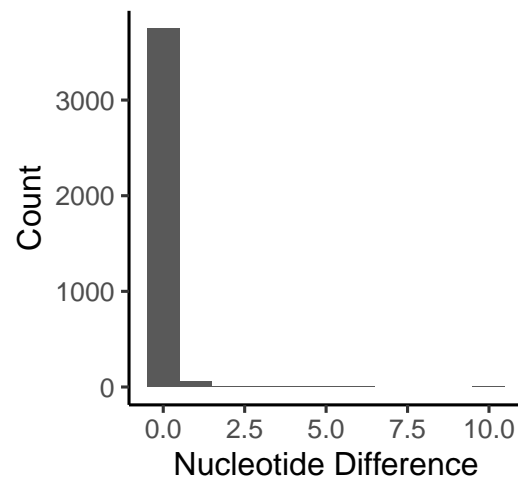
TRBV4-2*ap01

3129 sequences assigned
3086 (98.6%) exact matches, in which:
3019 unique CDR3
13 unique J



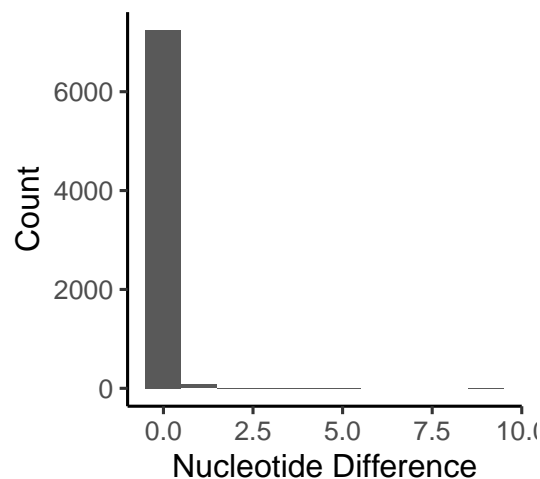
TRBV25-1*ap01

3810 sequences assigned
3746 (98.3%) exact matches, in which:
3658 unique CDR3
13 unique J



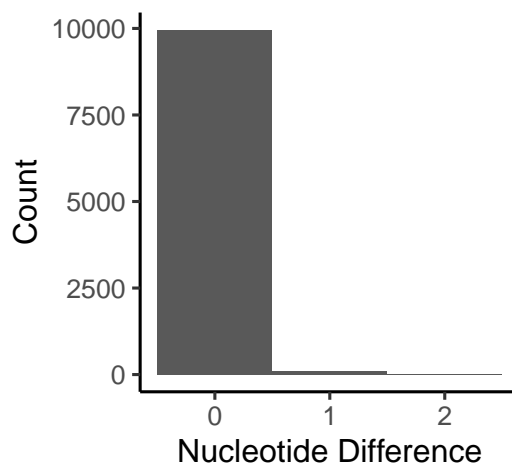
TRBV24-1*ap01

7340 sequences assigned
7247 (98.7%) exact matches, in which:
7107 unique CDR3
13 unique J



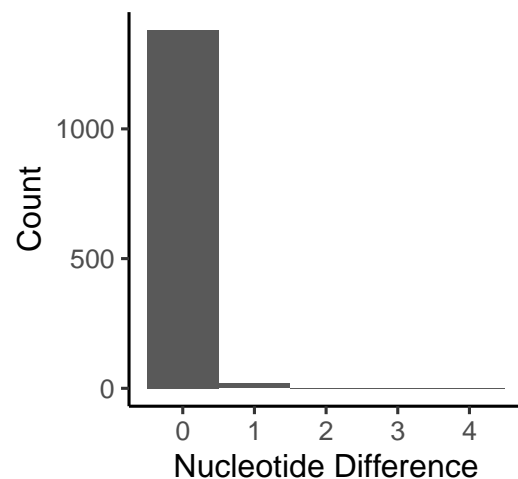
TRBV4-3*ap01

10064 sequences assigned
9961 (99%) exact matches, in which:
9744 unique CDR3
13 unique J



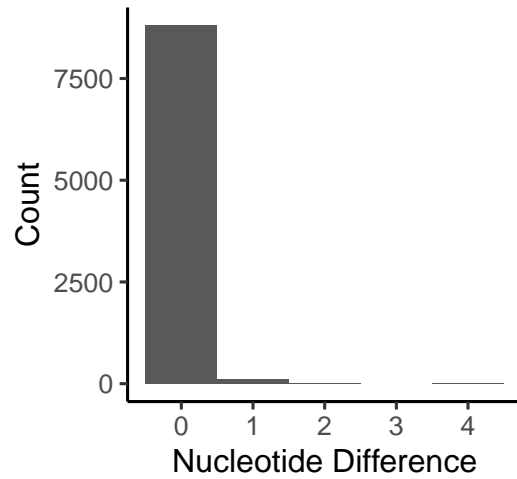
TRBV5-3*ap01

1402 sequences assigned
1381 (98.5%) exact matches, in which:
1358 unique CDR3
13 unique J



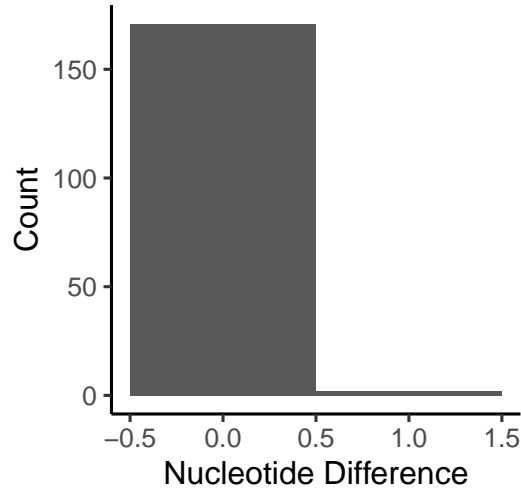
TRBV5-4*ap01

8911 sequences assigned
8805 (98.8%) exact matches, in which:
8616 unique CDR3
13 unique J



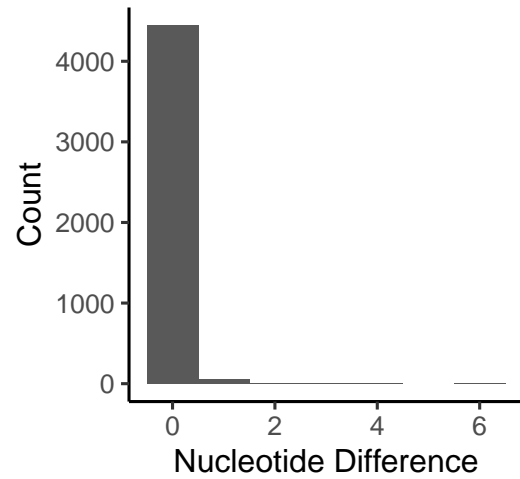
TRBV5-7*ap01

173 sequences assigned
171 (98.8%) exact matches, in which:
165 unique CDR3
13 unique J



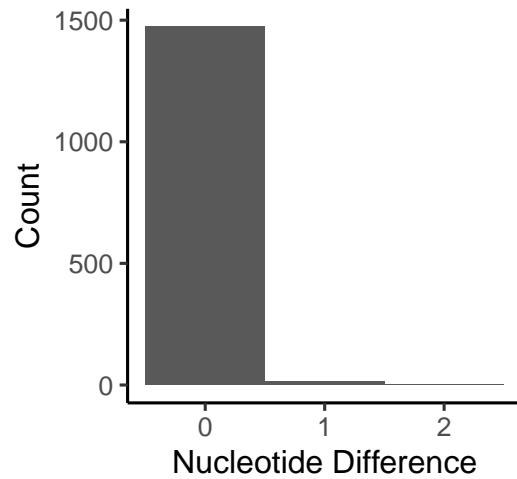
TRBV6-4*ap01

4503 sequences assigned
4445 (98.7%) exact matches, in which:
4391 unique CDR3
13 unique J



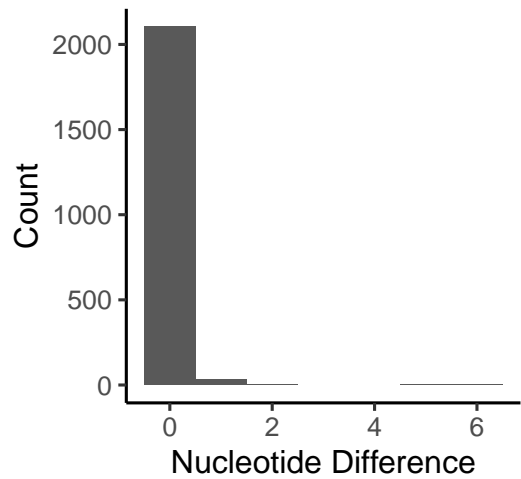
TRBV5-5*ap01

1493 sequences assigned
1473 (98.7%) exact matches, in which:
1458 unique CDR3
13 unique J



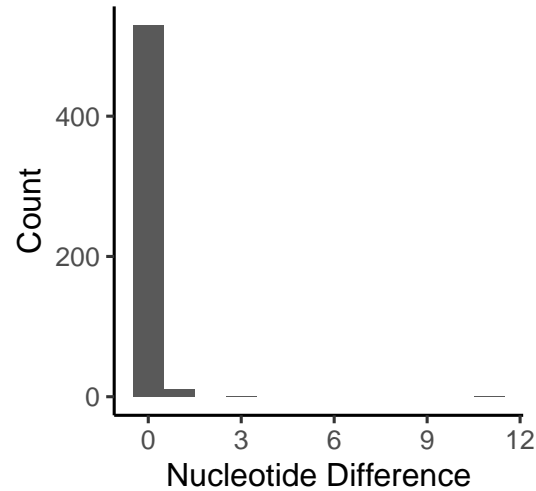
TRBV5-8*ap01

2141 sequences assigned
2104 (98.3%) exact matches, in which:
2067 unique CDR3
13 unique J



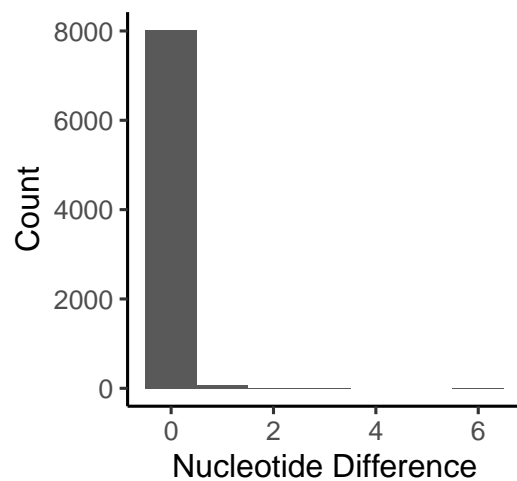
TRBV6-7*ap01

542 sequences assigned
530 (97.8%) exact matches, in which:
520 unique CDR3
13 unique J



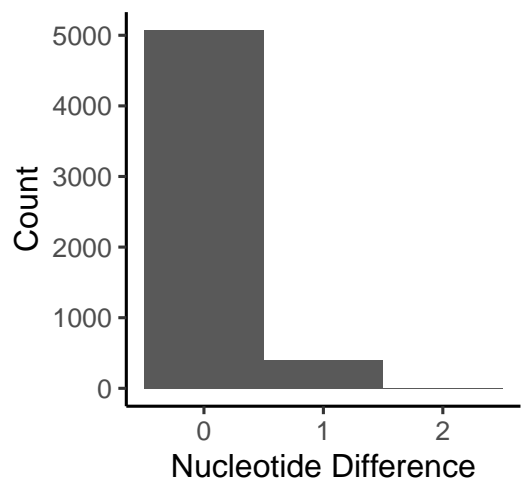
TRBV5-6*ap01

8103 sequences assigned
8020 (99%) exact matches, in which:
7748 unique CDR3
13 unique J



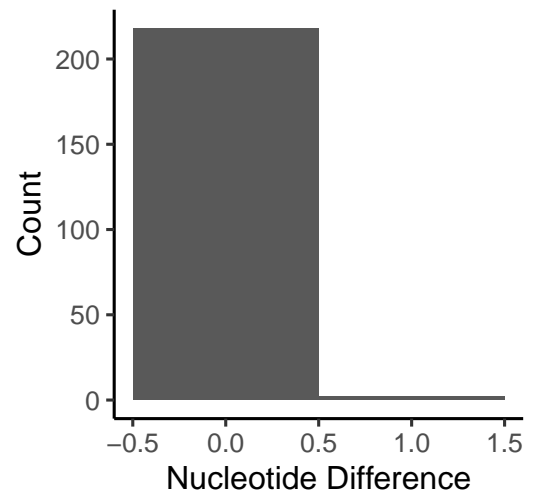
TRBV6-1*ap01

5473 sequences assigned
5074 (92.7%) exact matches, in which:
4933 unique CDR3
13 unique J



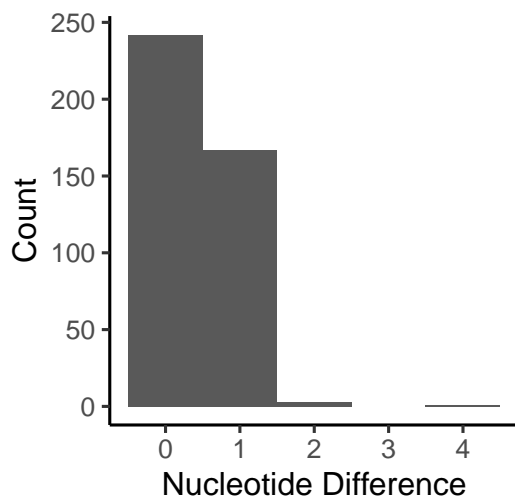
TRBV6-8*ap01

220 sequences assigned
218 (99.1%) exact matches, in which:
215 unique CDR3
13 unique J



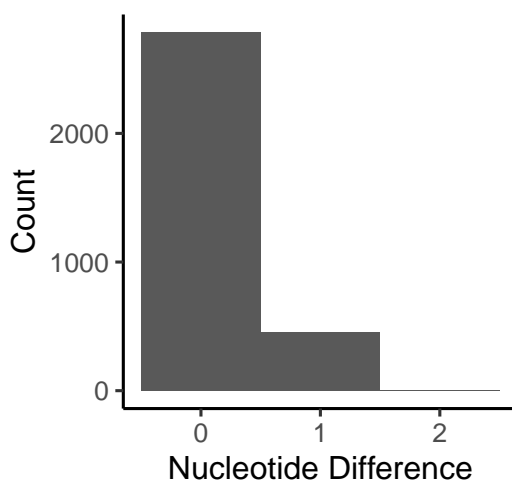
TRBV6–9*ap01

413 sequences assigned
242 (58.6%) exact matches, in which:
239 unique CDR3
13 unique J



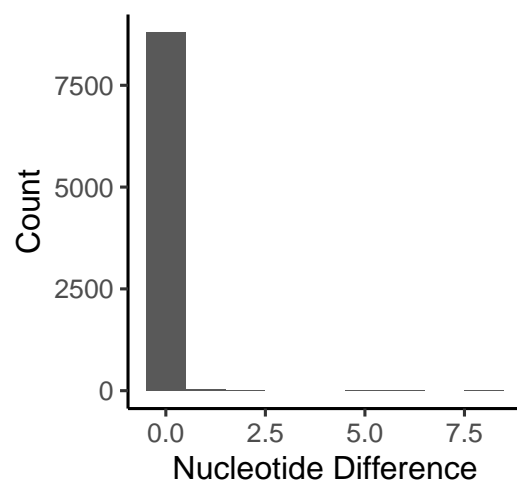
TRBV6–56*ap02

3240 sequences assigned
2785 (86%) exact matches, in which:
2718 unique CDR3
13 unique J



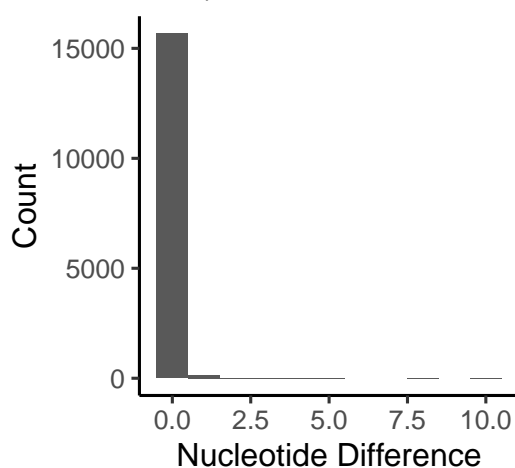
TRBV7–3*ap01

8850 sequences assigned
8799 (99.4%) exact matches, in which:
8697 unique CDR3
13 unique J



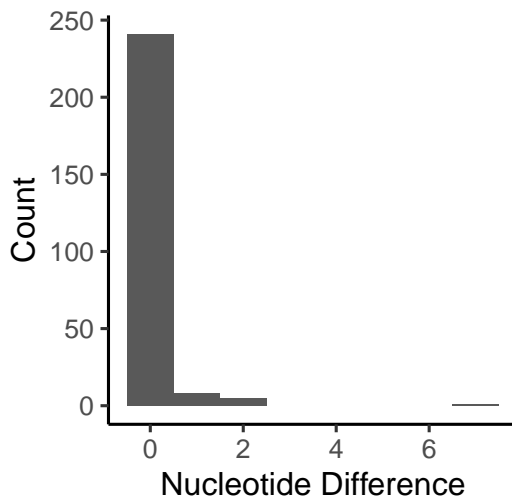
TRBV6–23*ap01

15843 sequences assigned
15677 (99%) exact matches, in which:
15210 unique CDR3
13 unique J



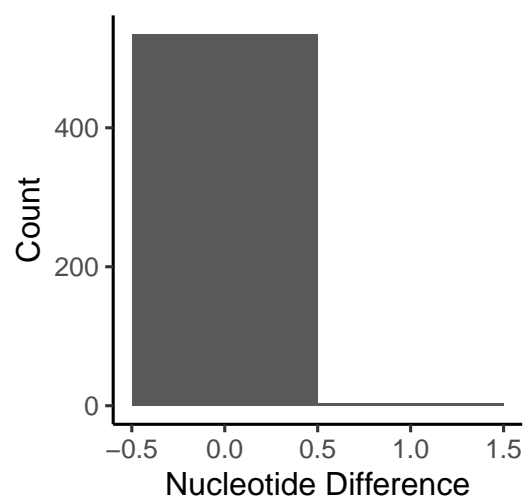
TRBV7–1*ap01_G291C_

255 sequences assigned
241 (94.5%) exact matches, in which:
239 unique CDR3
13 unique J



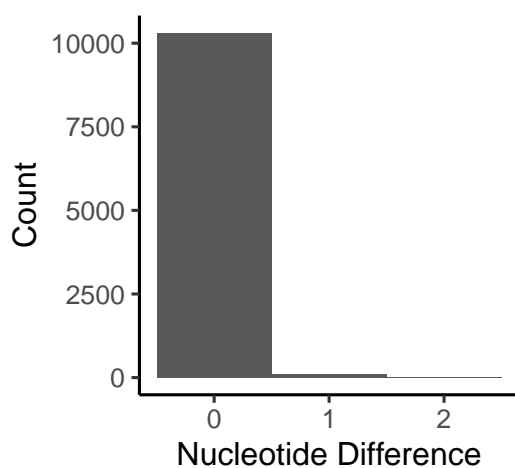
TRBV7–4*ap01

539 sequences assigned
535 (99.3%) exact matches, in which:
525 unique CDR3
13 unique J



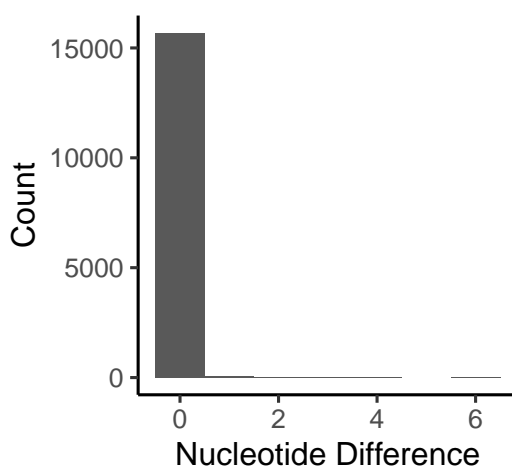
TRBV6–56*ap01

10427 sequences assigned
10311 (98.9%) exact matches, in which:
10049 unique CDR3
13 unique J



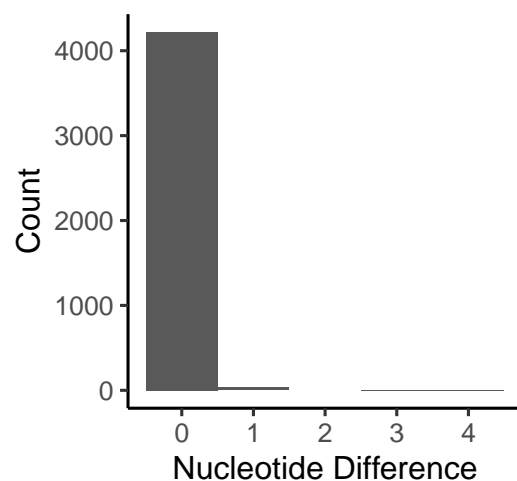
TRBV7–2*ap01

15782 sequences assigned
15689 (99.4%) exact matches, in which:
15447 unique CDR3
13 unique J



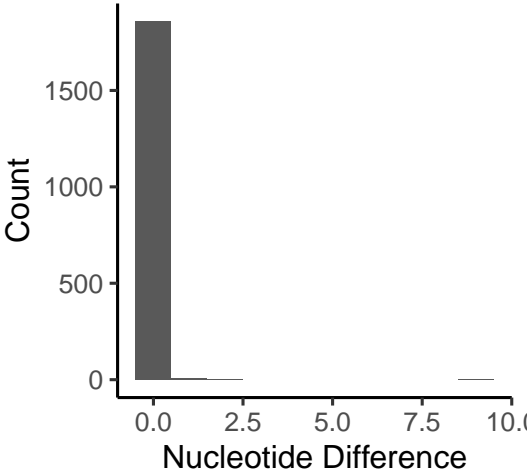
TRBV7–6*ap01

4255 sequences assigned
4220 (99.2%) exact matches, in which:
4143 unique CDR3
13 unique J



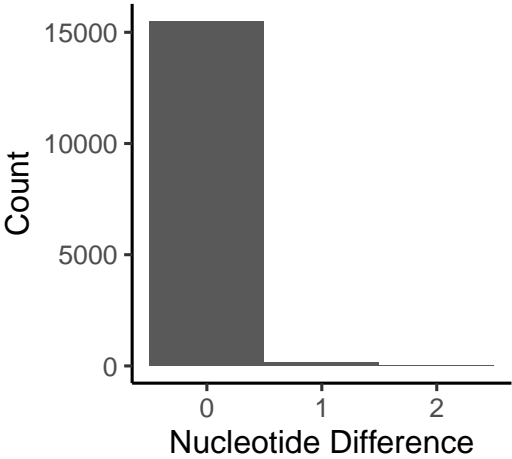
TRBV7-7*ap01_C315T

1872 sequences assigned
1858 (99.3%) exact matches, in which:
1826 unique CDR3
13 unique J



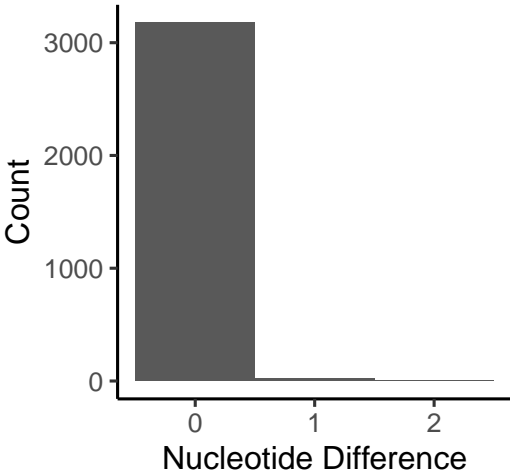
TRBV7-9*ap01

15640 sequences assigned
15501 (99.1%) exact matches, in which:
15259 unique CDR3
13 unique J



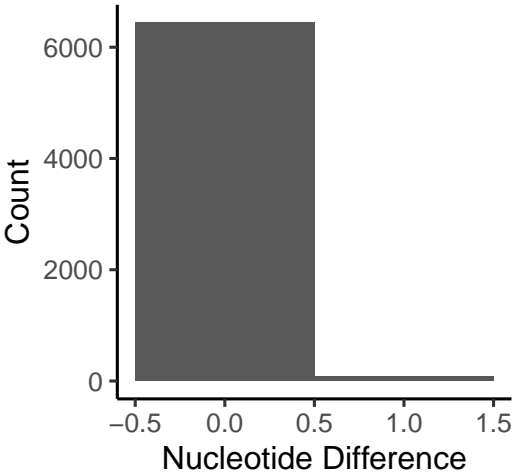
TRBV7-8*ap01

3198 sequences assigned
3177 (99.3%) exact matches, in which:
3131 unique CDR3
13 unique J



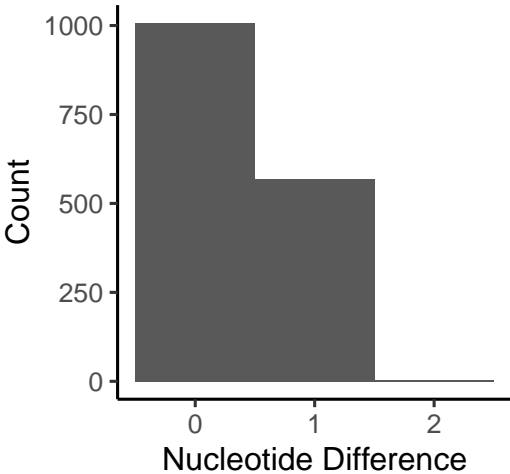
TRBV29-1*ap01

6528 sequences assigned
6440 (98.7%) exact matches, in which:
6227 unique CDR3
13 unique J



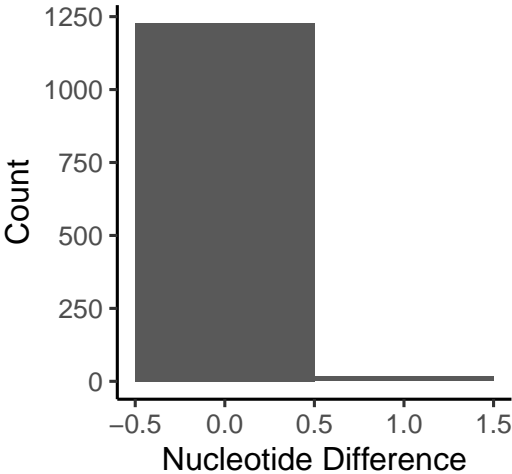
TRBV7-8*ap03

1579 sequences assigned
1007 (63.8%) exact matches, in which:
993 unique CDR3
13 unique J

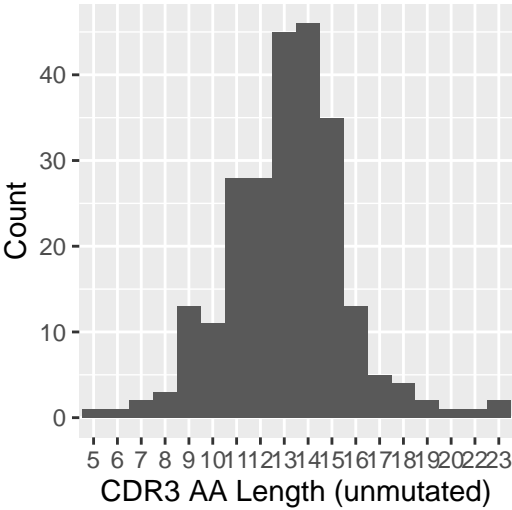


TRBV29-1*ap02

1244 sequences assigned
1228 (98.7%) exact matches, in which:
1196 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T

