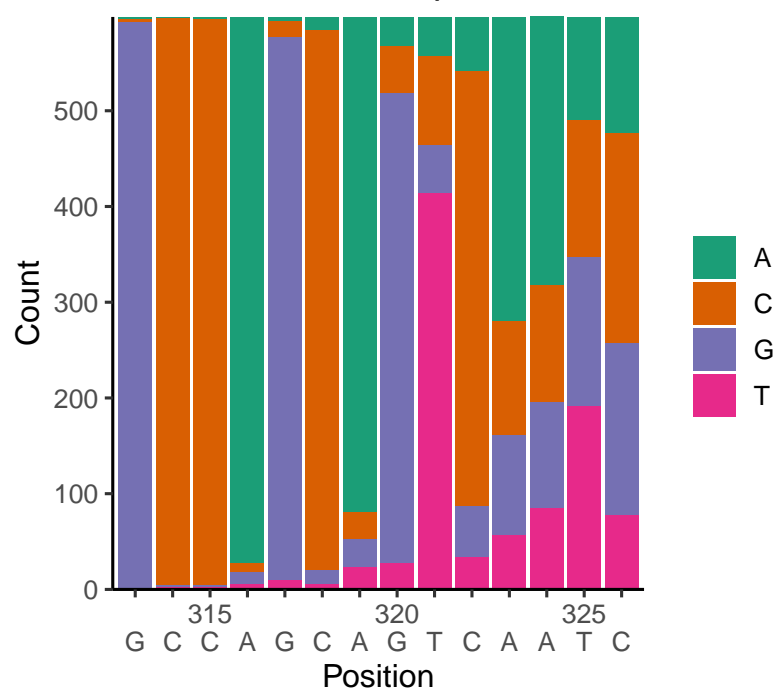
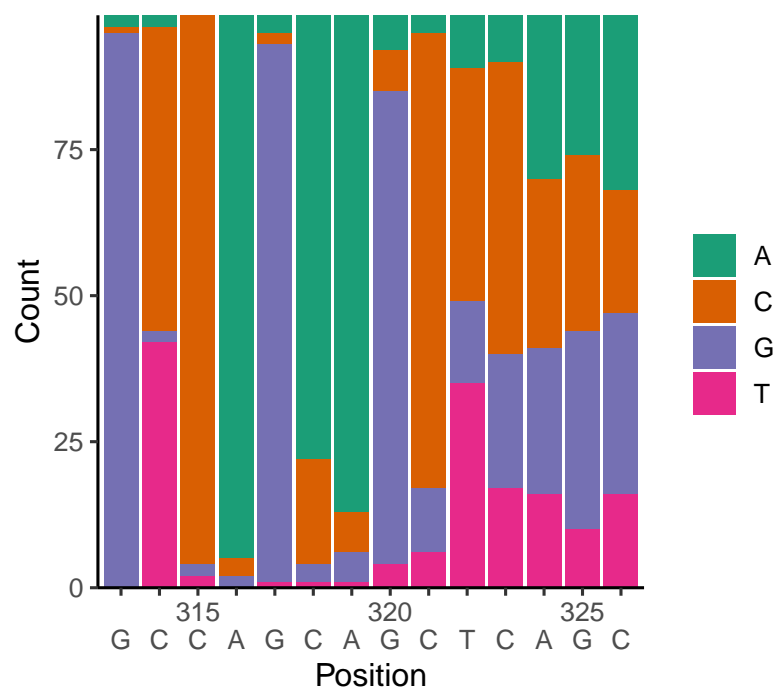


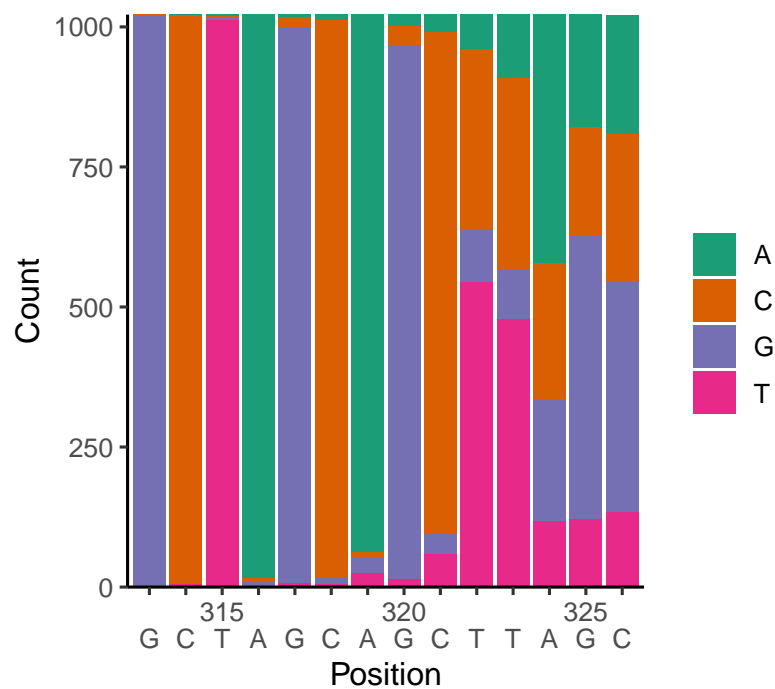
Gene TRBV23-1*ap01_T304C



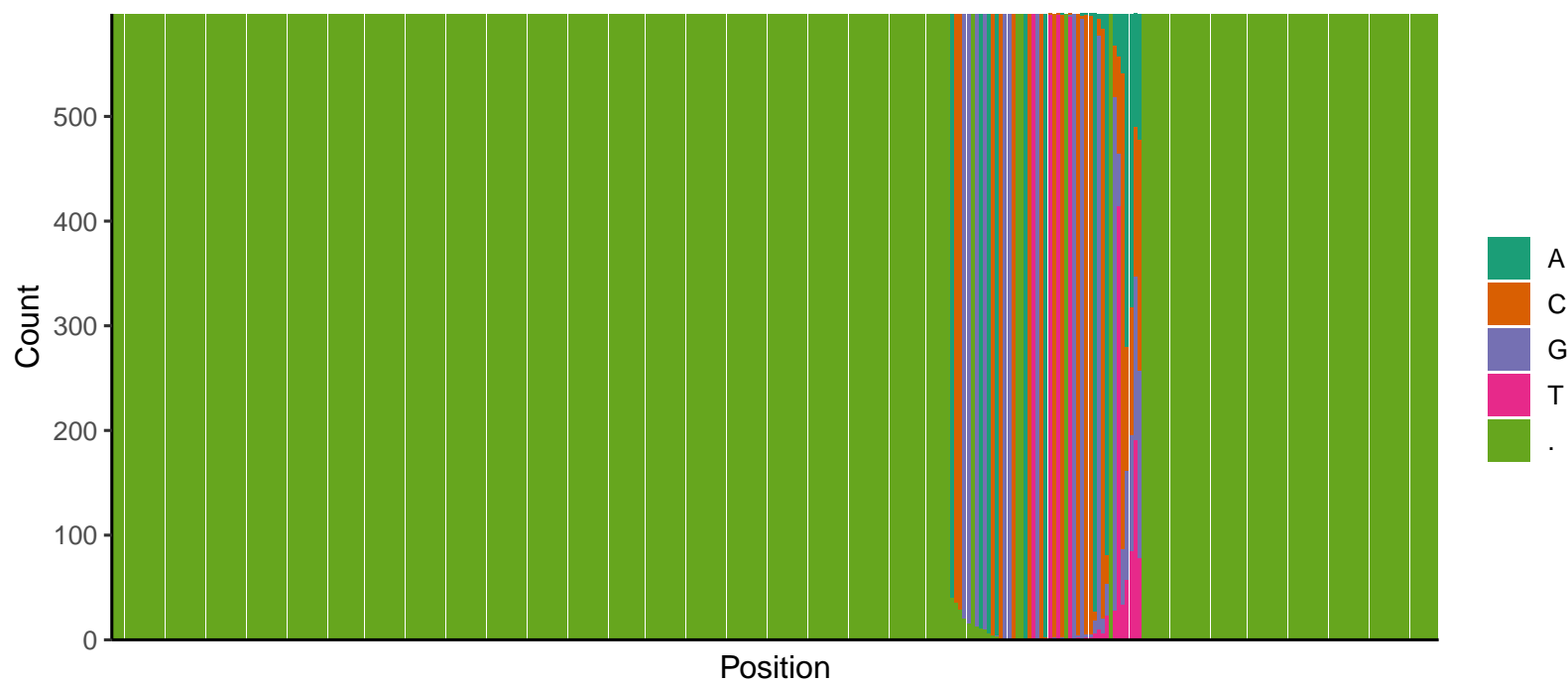
Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



Gene TRBV23-1*ap01_T304C



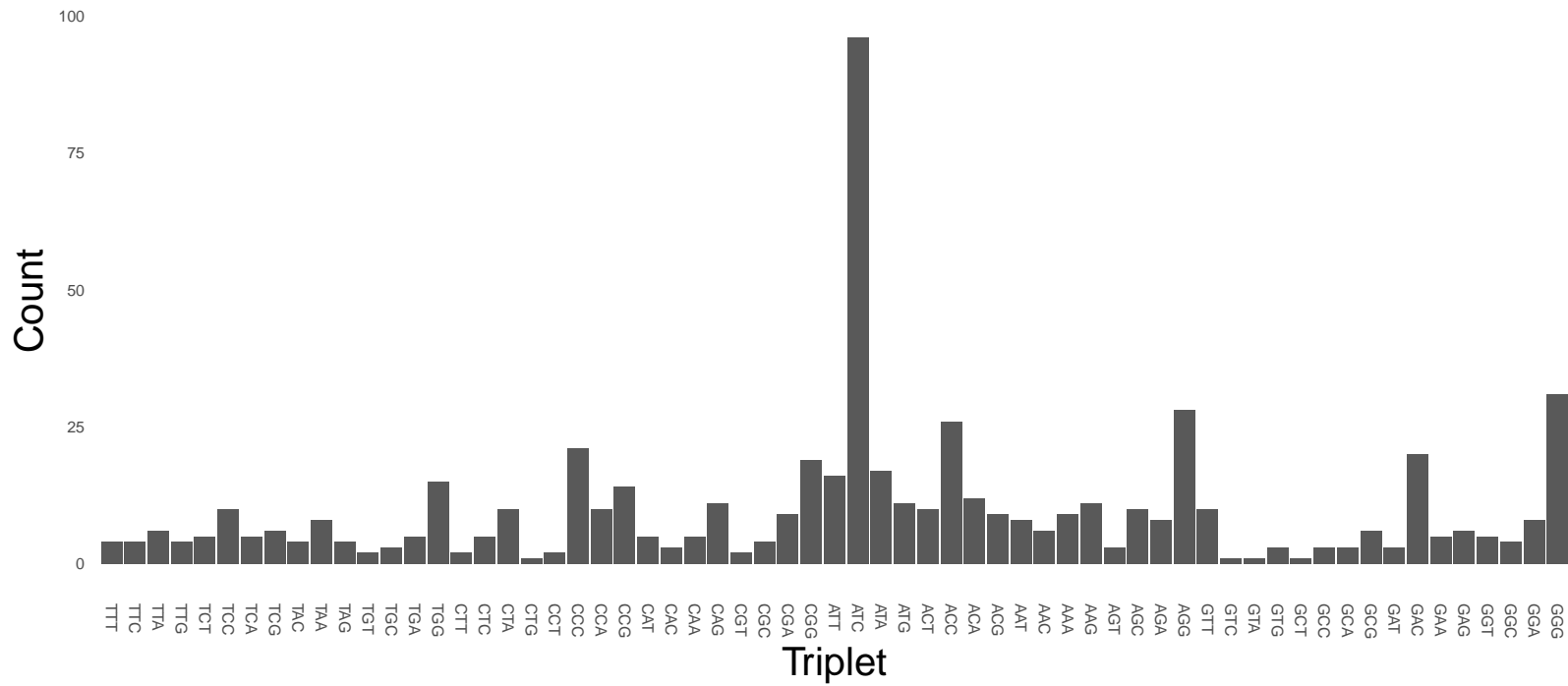
Gene TRBV7-1*ap01_T296C



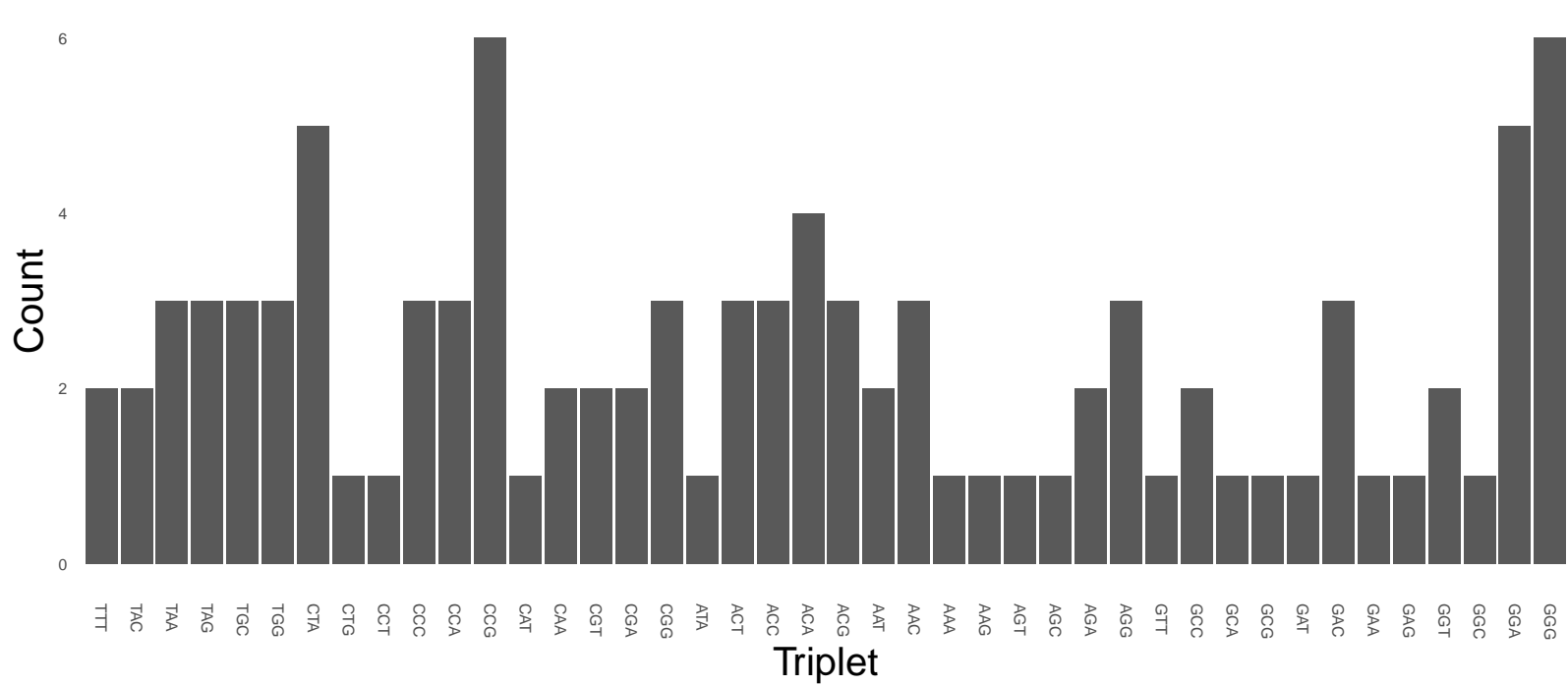
Gene TRBV7-7*ap01_C315T



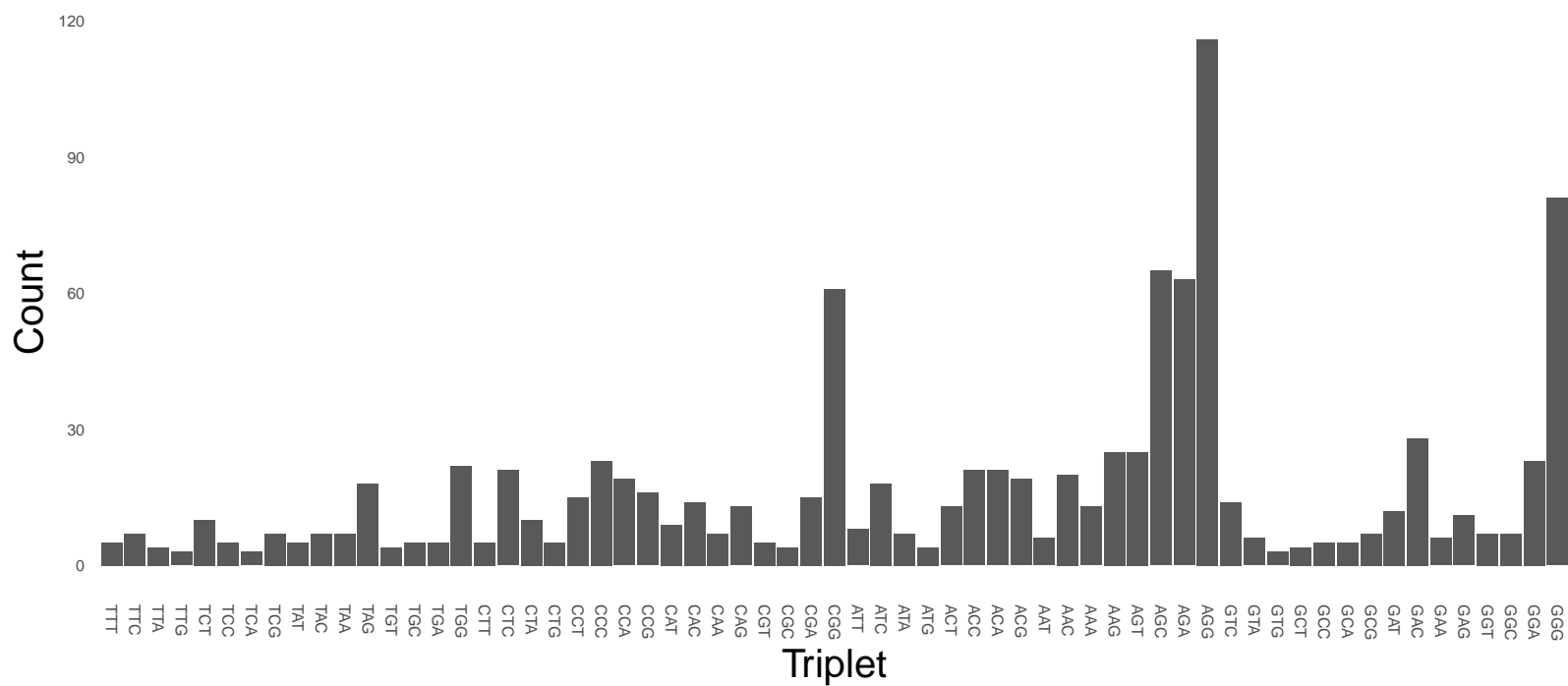
TRBV23–1*ap01_T304C– Final 3 nucleotides as a triplet



TRBV7–1*ap01_T296C– Final 3 nucleotides as a triplet

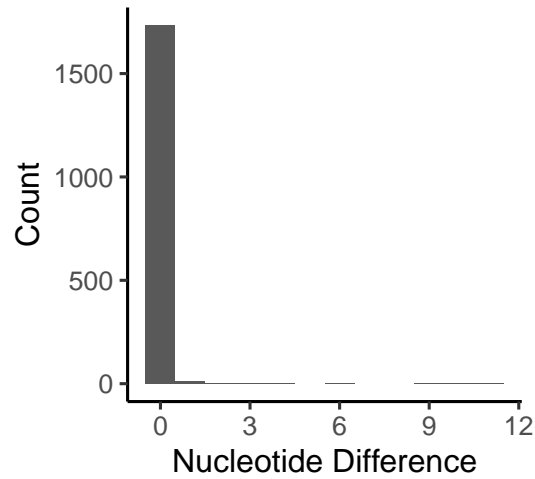


TRBV7–7*ap01_C315T– Final 3 nucleotides as a triplet



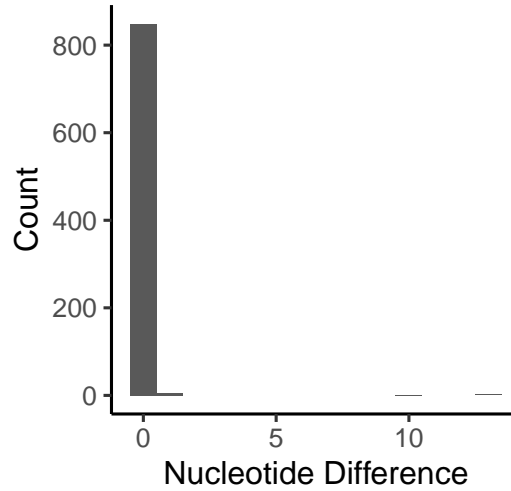
TRBV10-1*ap01

1754 sequences assigned
1733 (98.8%) exact matches, in which:
1708 unique CDR3
13 unique J



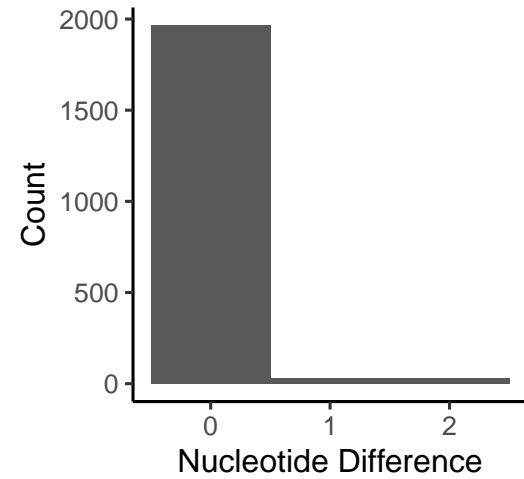
TRBV10-2*ap01

858 sequences assigned
849 (99%) exact matches, in which:
834 unique CDR3
13 unique J



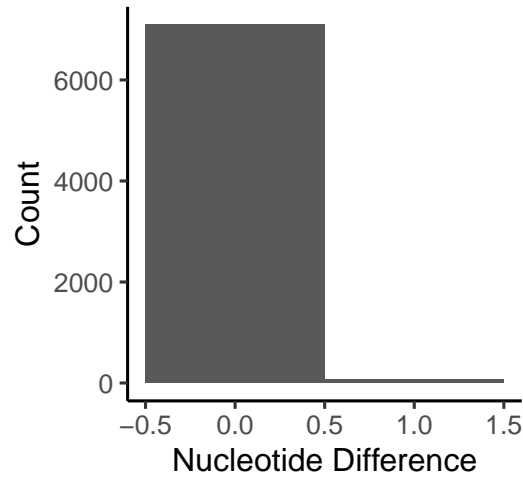
TRBV13*ap01

2028 sequences assigned
1965 (96.9%) exact matches, in which:
1929 unique CDR3
13 unique J



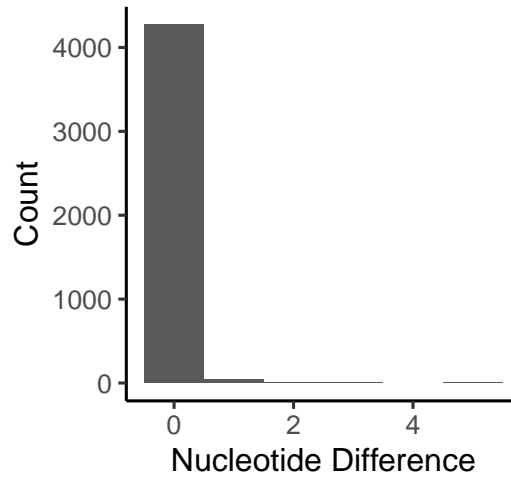
TRBV20-1*ap01

7155 sequences assigned
7094 (99.1%) exact matches, in which:
7012 unique CDR3
13 unique J



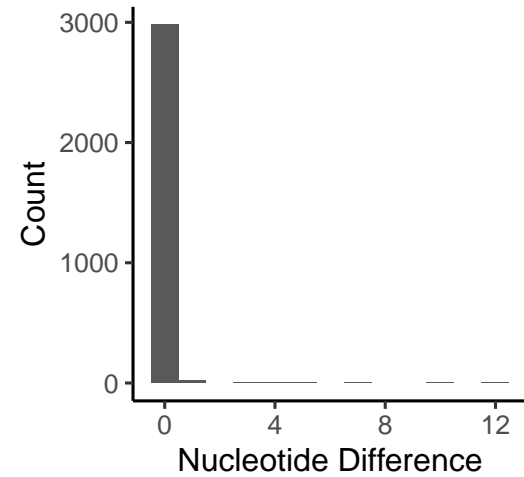
TRBV10-3*ap01

4322 sequences assigned
4271 (98.8%) exact matches, in which:
4212 unique CDR3
13 unique J



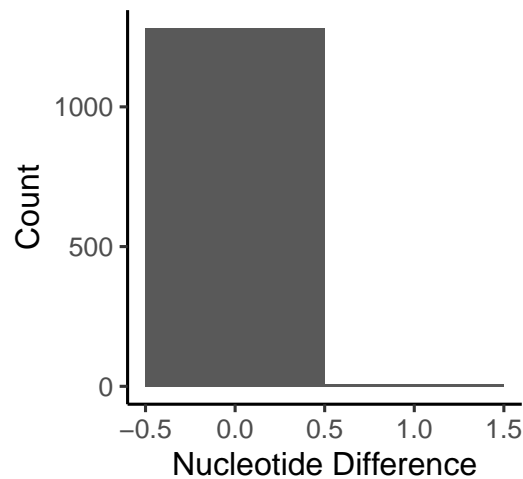
TRBV14*ap01

3008 sequences assigned
2980 (99.1%) exact matches, in which:
2958 unique CDR3
13 unique J



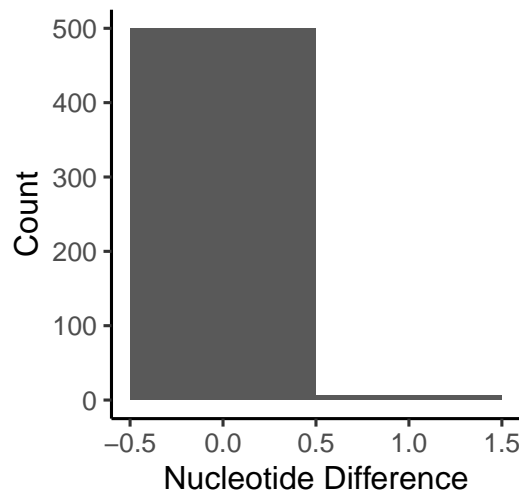
TRBV20-1*ap02

1291 sequences assigned
1282 (99.3%) exact matches, in which:
1264 unique CDR3
13 unique J



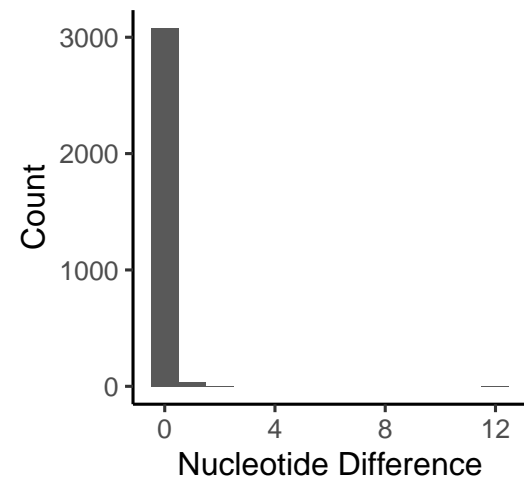
TRBV1*ap01

506 sequences assigned
500 (98.8%) exact matches, in which:
489 unique CDR3
13 unique J



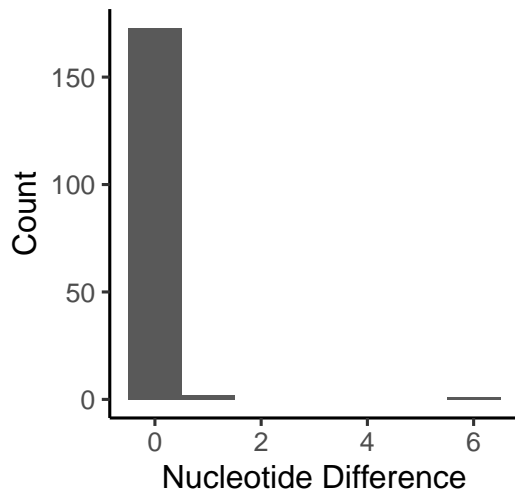
TRBV15*ap02

3116 sequences assigned
3079 (98.8%) exact matches, in which:
3046 unique CDR3
13 unique J



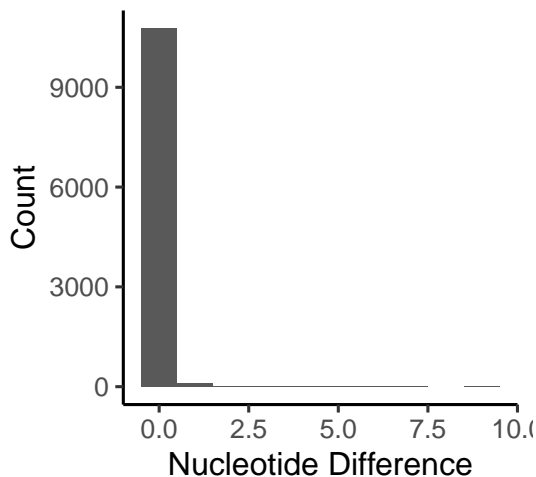
TRBV16*ap01

176 sequences assigned
173 (98.3%) exact matches, in which:
172 unique CDR3
12 unique J



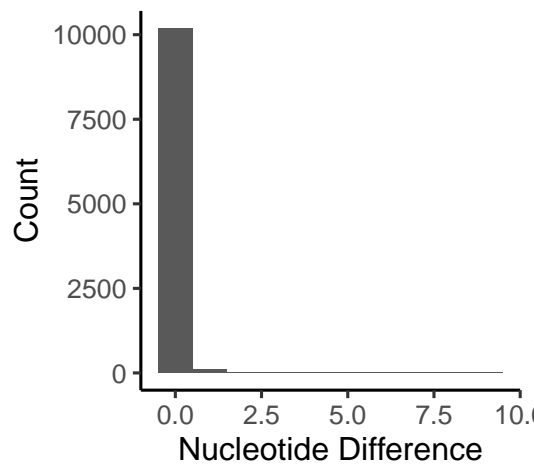
TRBV19*ap01

10884 sequences assigned
10770 (99%) exact matches, in which:
10719 unique CDR3
13 unique J



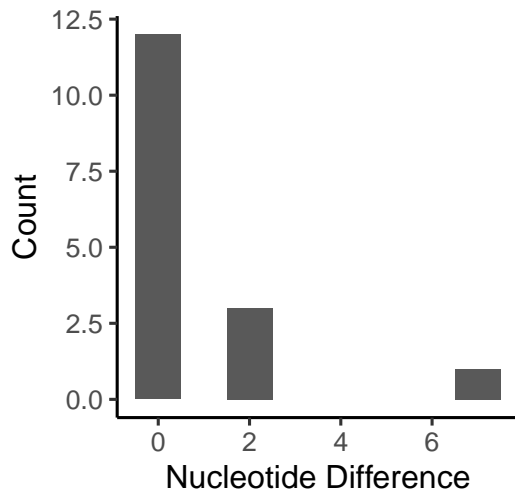
TRBV27*ap01

10315 sequences assigned
10193 (98.8%) exact matches, in which:
10095 unique CDR3
13 unique J



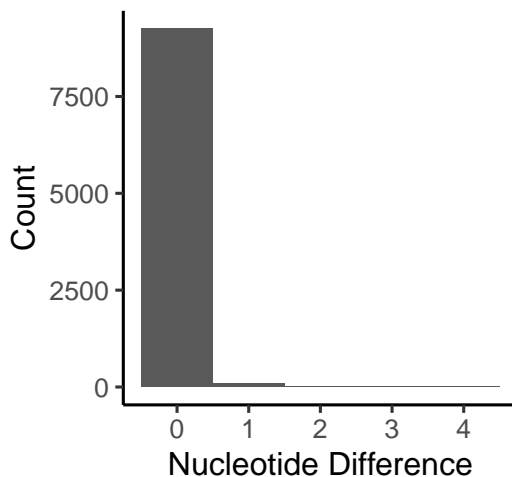
TRBV17*ap01

16 sequences assigned
12 (75%) exact matches, in which:
12 unique CDR3
7 unique J



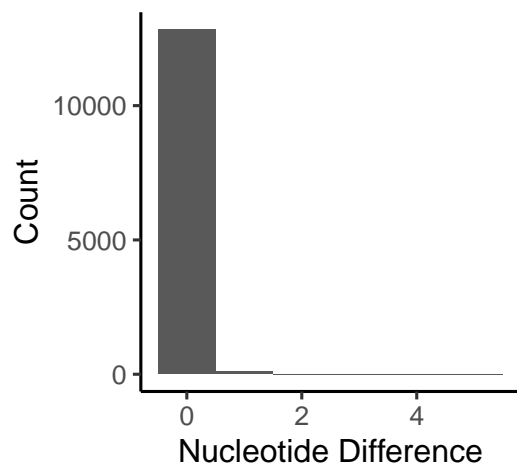
TRBV2*ap01

9342 sequences assigned
9249 (99%) exact matches, in which:
9133 unique CDR3
13 unique J



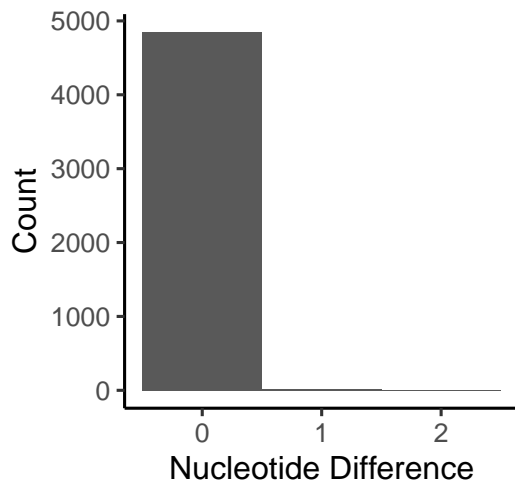
TRBV28*ap01

12949 sequences assigned
12835 (99.1%) exact matches, in which:
12733 unique CDR3
13 unique J



TRBV18*ap01

4865 sequences assigned
4849 (99.7%) exact matches, in which:
4828 unique CDR3
13 unique J



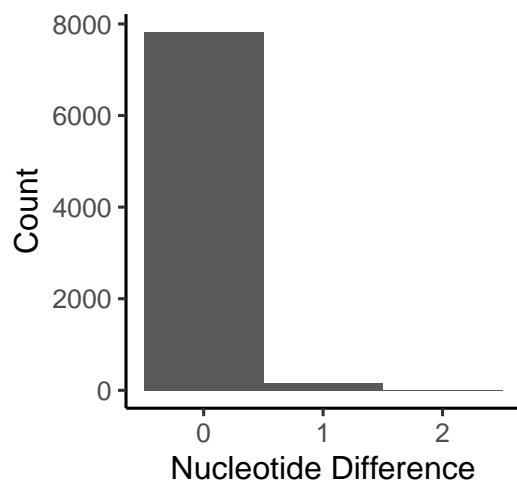
TRBV26*ap01

1 sequences assigned
No exact matches.



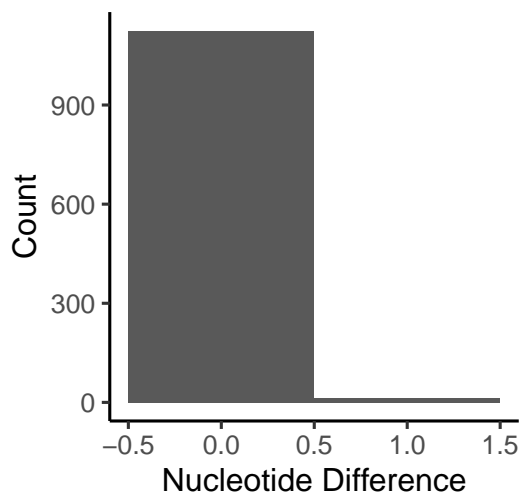
TRBV30*ap01

7987 sequences assigned
7823 (97.9%) exact matches, in which:
7624 unique CDR3
13 unique J



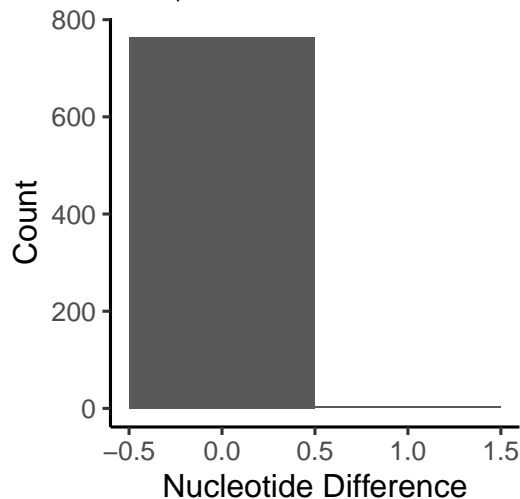
TRBV30*ap03

1138 sequences assigned
1125 (98.9%) exact matches, in which:
1094 unique CDR3
13 unique J



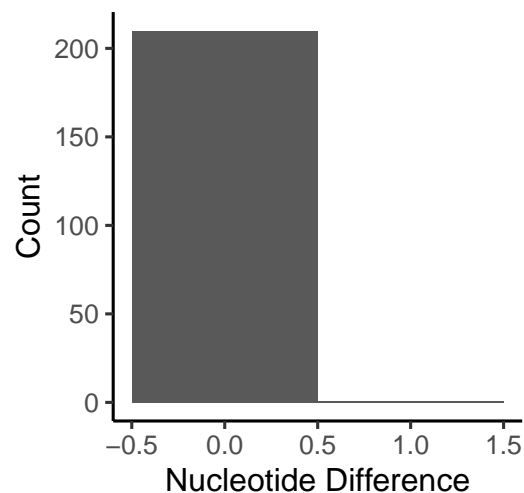
TRBV11-1*ap01

769 sequences assigned
765 (99.5%) exact matches, in which:
759 unique CDR3
13 unique J



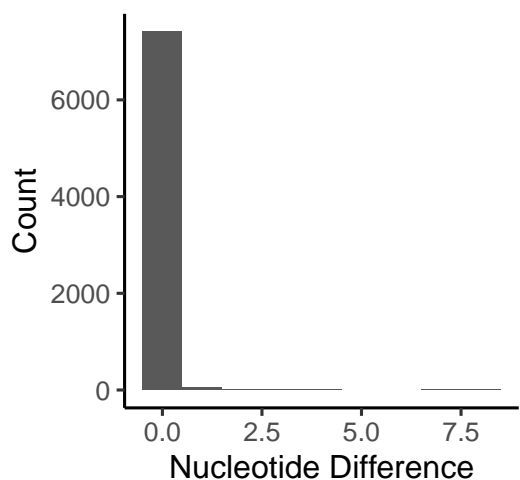
TRBV12-1*ap01

211 sequences assigned
210 (99.5%) exact matches, in which:
209 unique CDR3
13 unique J



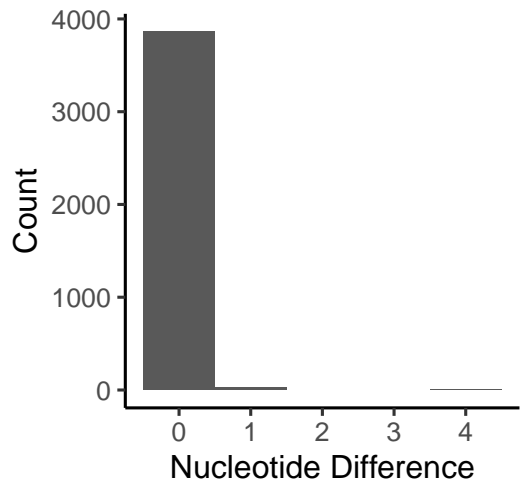
TRBV9*ap01

7466 sequences assigned
7410 (99.2%) exact matches, in which:
7363 unique CDR3
13 unique J



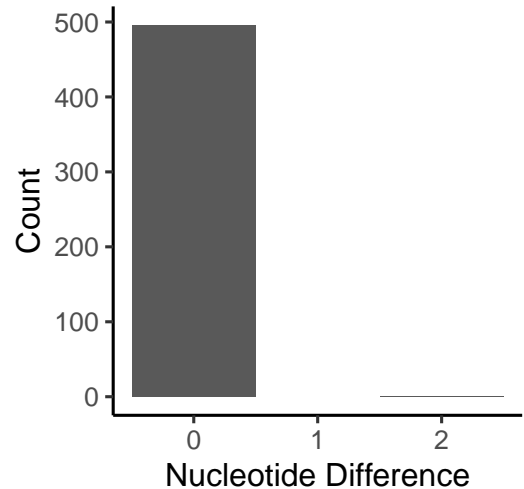
TRBV11-2*ap01

3894 sequences assigned
3862 (99.2%) exact matches, in which:
3839 unique CDR3
13 unique J



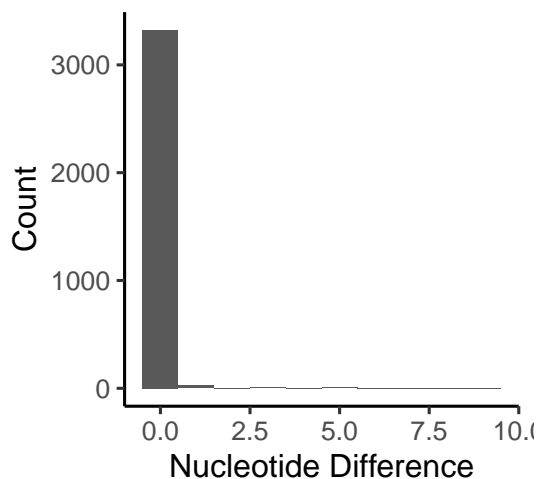
TRBV12-2*ap01

497 sequences assigned
496 (99.8%) exact matches, in which:
492 unique CDR3
13 unique J



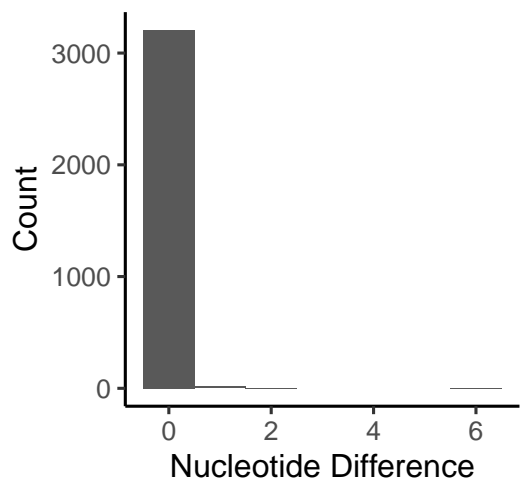
TRBV21-1*ap01

3376 sequences assigned
3323 (98.4%) exact matches, in which:
3310 unique CDR3
13 unique J



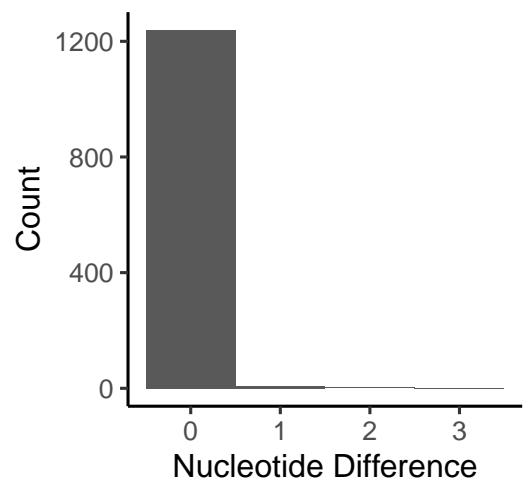
TRBV11-3*ap01

3224 sequences assigned
3206 (99.4%) exact matches, in which:
3187 unique CDR3
13 unique J



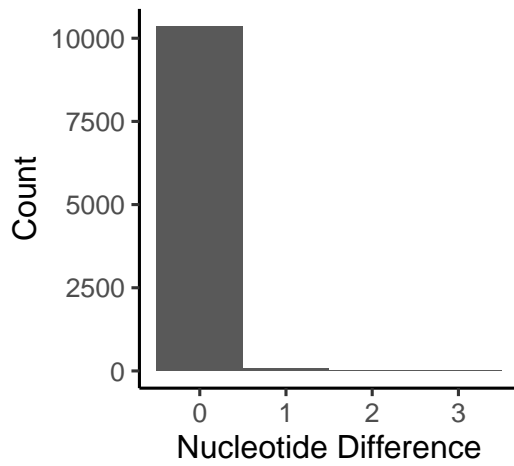
TRBV12-5*ap01

1250 sequences assigned
1239 (99.1%) exact matches, in which:
1228 unique CDR3
13 unique J



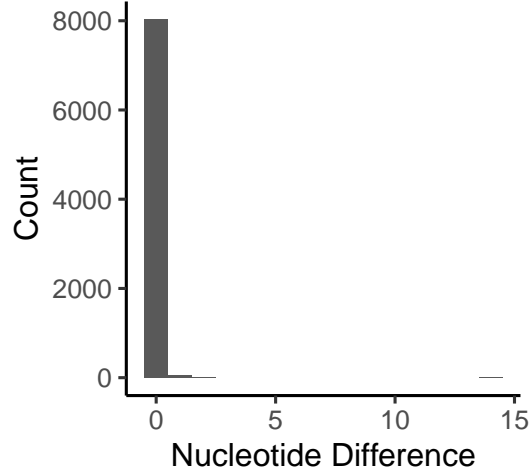
TRBV12–34*ap01

10455 sequences assigned
10363 (99.1%) exact matches, in which:
10231 unique CDR3
13 unique J



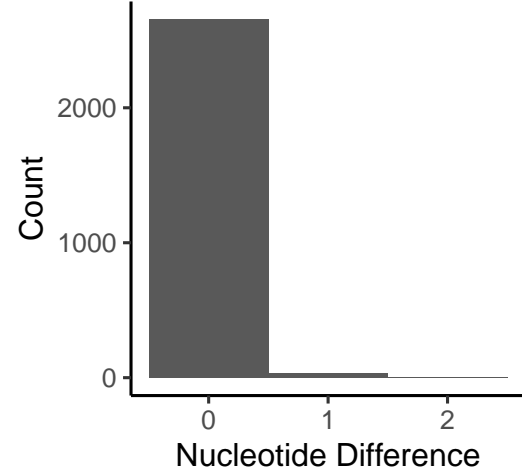
TRBV3–12*ap01

8087 sequences assigned
8030 (99.3%) exact matches, in which:
7984 unique CDR3
13 unique J



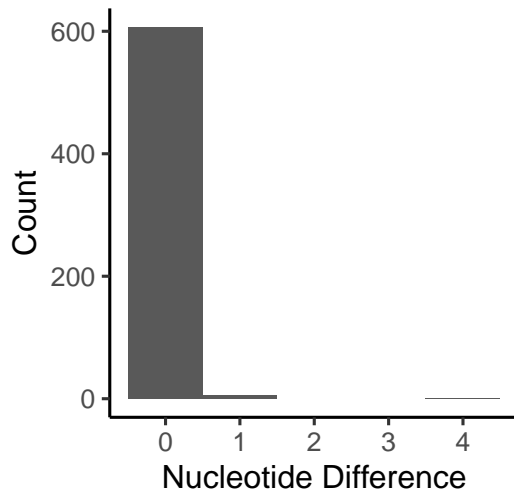
TRBV4–2*ap01

2687 sequences assigned
2655 (98.8%) exact matches, in which:
2614 unique CDR3
13 unique J



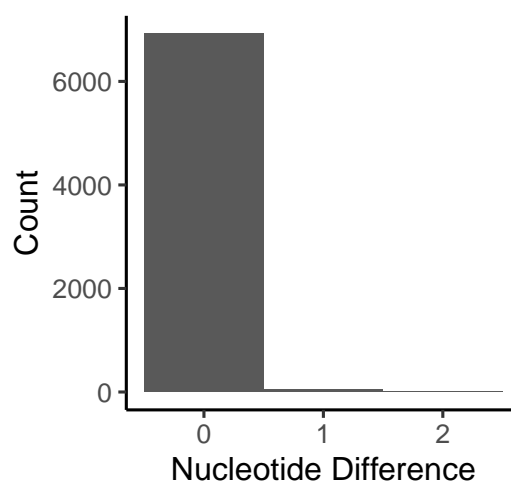
TRBV23–1*ap01

614 sequences assigned
607 (98.9%) exact matches, in which:
605 unique CDR3
13 unique J



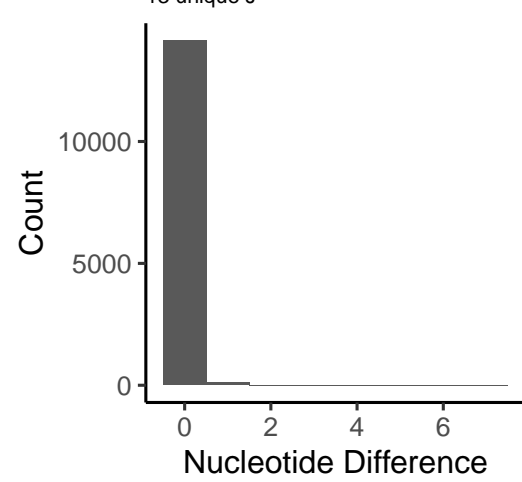
TRBV4–1*ap01

6980 sequences assigned
6921 (99.2%) exact matches, in which:
6797 unique CDR3
13 unique J



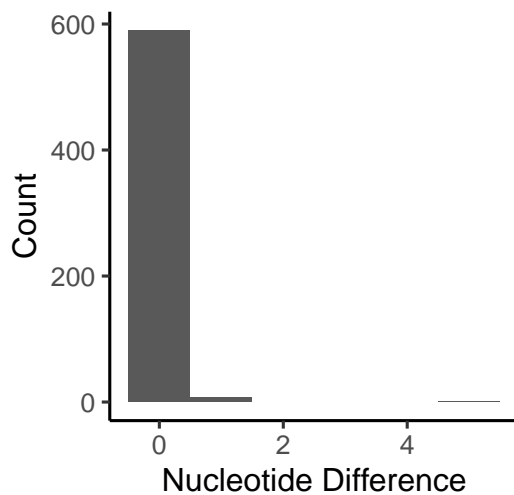
TRBV5–1*ap01

14266 sequences assigned
14145 (99.2%) exact matches, in which:
13945 unique CDR3
13 unique J



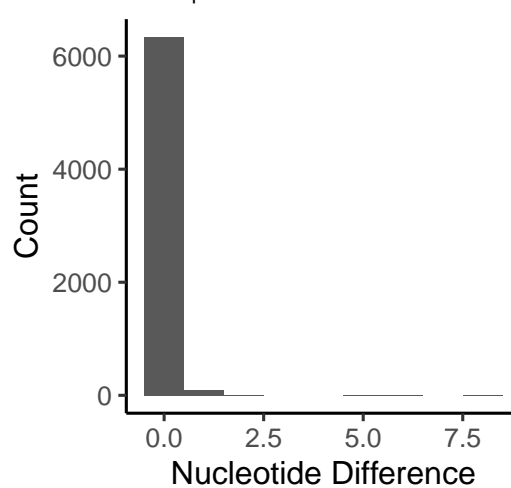
TRBV23–1*ap01_T304C

598 sequences assigned
590 (98.7%) exact matches, in which:
585 unique CDR3
13 unique J



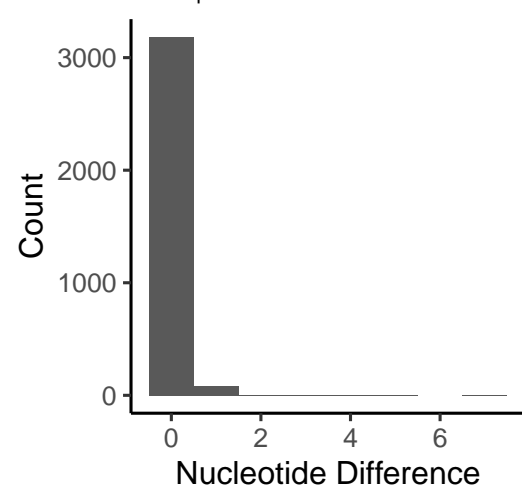
TRBV24–1*ap01

6439 sequences assigned
6337 (98.4%) exact matches, in which:
6266 unique CDR3
13 unique J



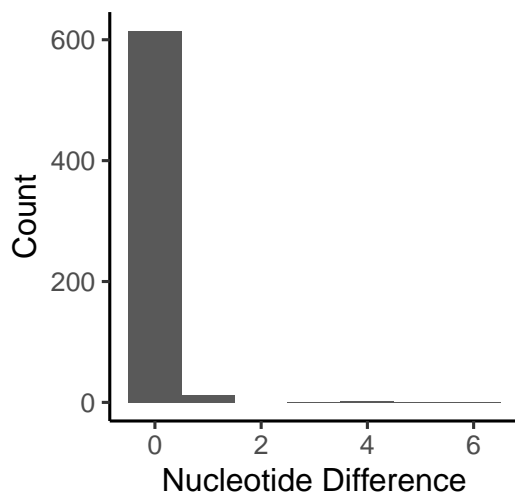
TRBV25–1*ap01

3279 sequences assigned
3183 (97.1%) exact matches, in which:
3125 unique CDR3
13 unique J



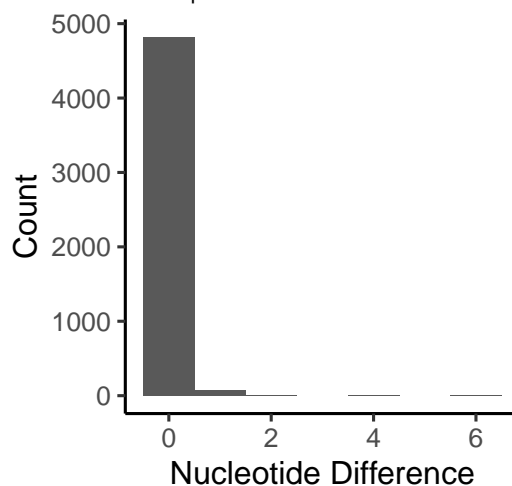
TRBV5-3*ap01

632 sequences assigned
615 (97.3%) exact matches, in which:
608 unique CDR3
13 unique J



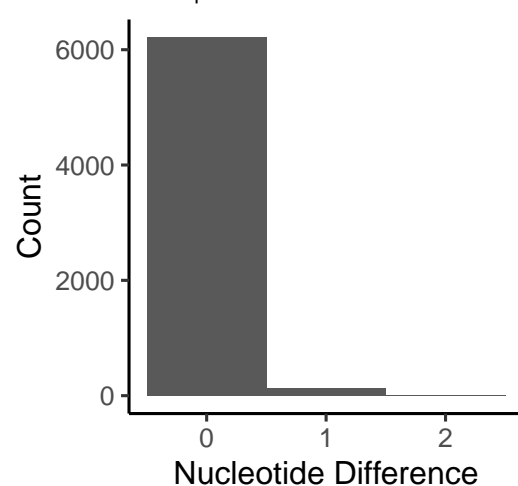
TRBV5-6*ap01

4902 sequences assigned
4815 (98.2%) exact matches, in which:
4684 unique CDR3
13 unique J



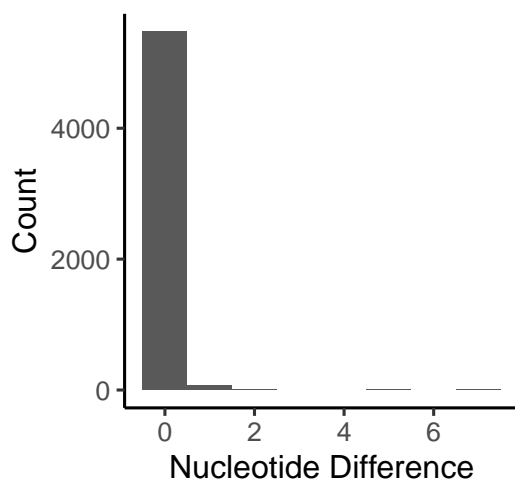
TRBV6-1*ap01

6348 sequences assigned
6213 (97.9%) exact matches, in which:
6095 unique CDR3
13 unique J



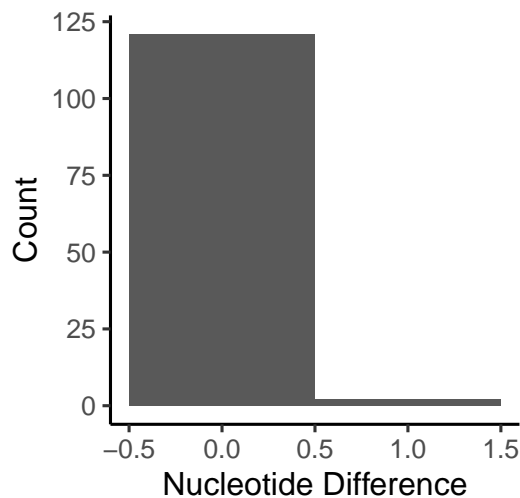
TRBV5-4*ap01

5544 sequences assigned
5475 (98.8%) exact matches, in which:
5399 unique CDR3
13 unique J



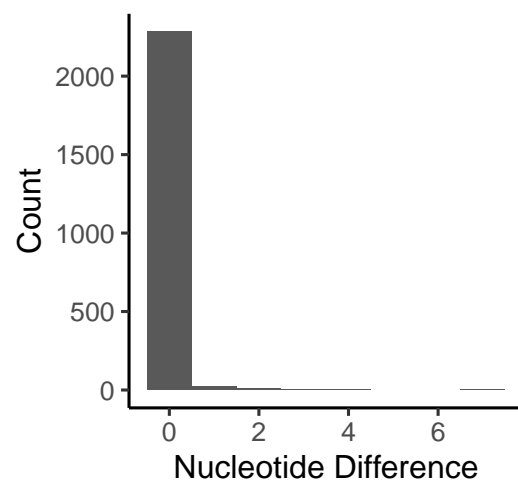
TRBV5-7*ap01

123 sequences assigned
121 (98.4%) exact matches, in which:
118 unique CDR3
13 unique J



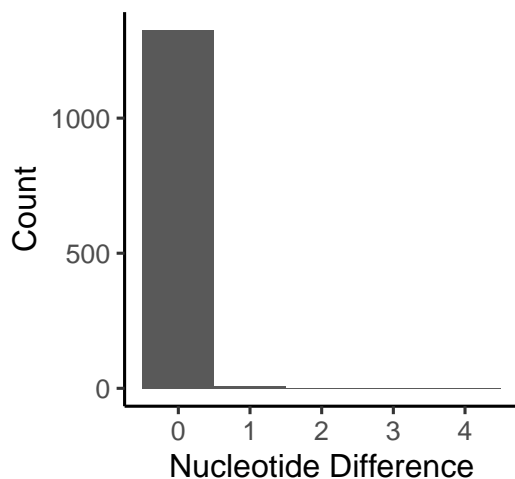
TRBV6-4*ap01

2324 sequences assigned
2283 (98.2%) exact matches, in which:
2259 unique CDR3
13 unique J



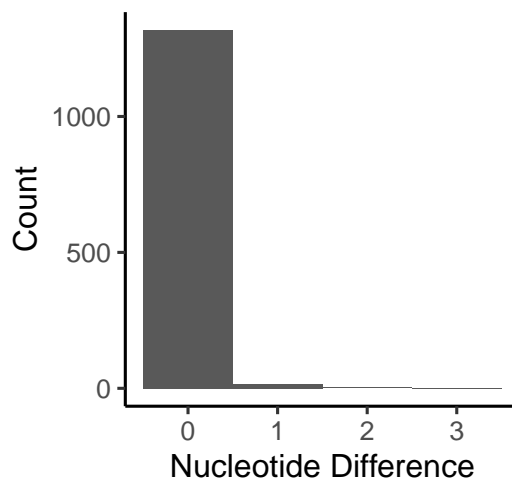
TRBV5-5*ap01

1338 sequences assigned
1326 (99.1%) exact matches, in which:
1320 unique CDR3
13 unique J



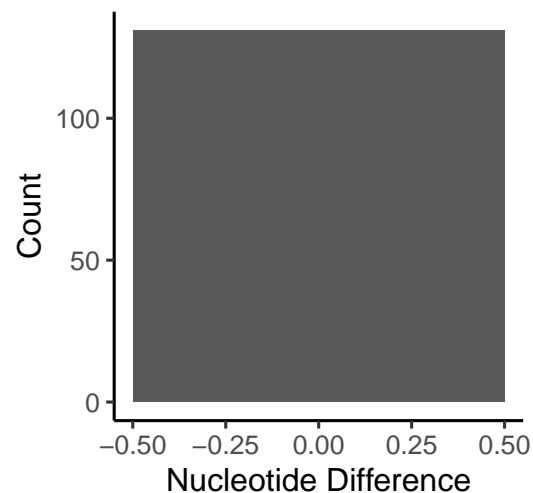
TRBV5-8*ap01

1339 sequences assigned
1318 (98.4%) exact matches, in which:
1307 unique CDR3
13 unique J



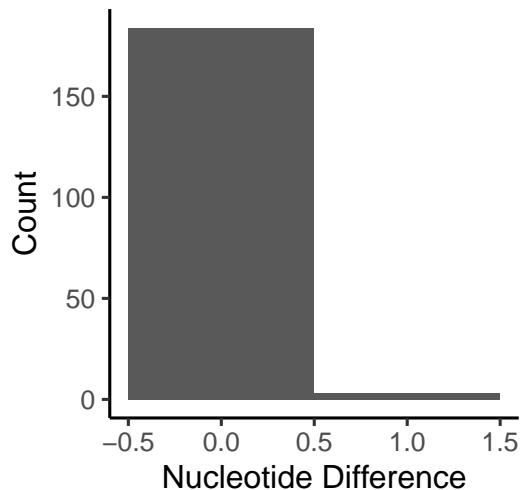
TRBV6-7*ap01

131 sequences assigned
131 (100%) exact matches, in which:
128 unique CDR3
12 unique J



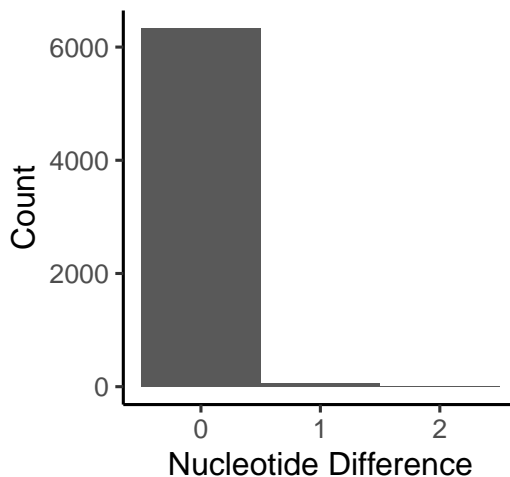
TRBV6-8*ap01

187 sequences assigned
184 (98.4%) exact matches, in which:
176 unique CDR3
13 unique J



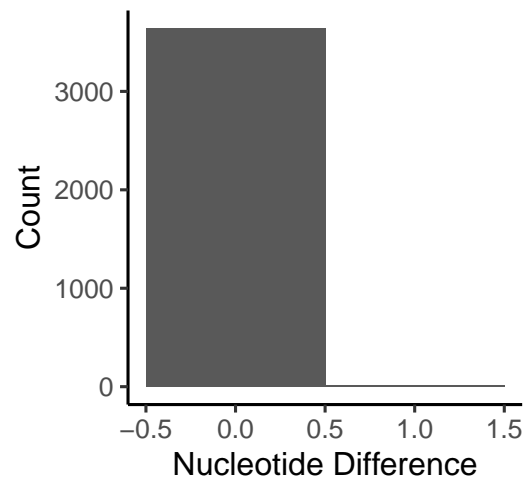
TRBV6-56*ap01

6403 sequences assigned
6330 (98.9%) exact matches, in which:
6227 unique CDR3
13 unique J



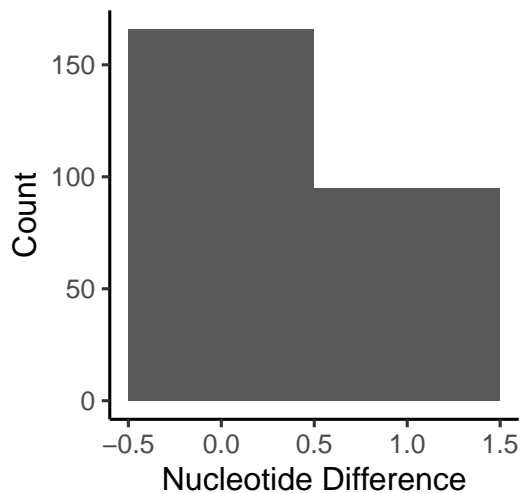
TRBV7-2*ap01

3659 sequences assigned
3640 (99.5%) exact matches, in which:
3606 unique CDR3
13 unique J



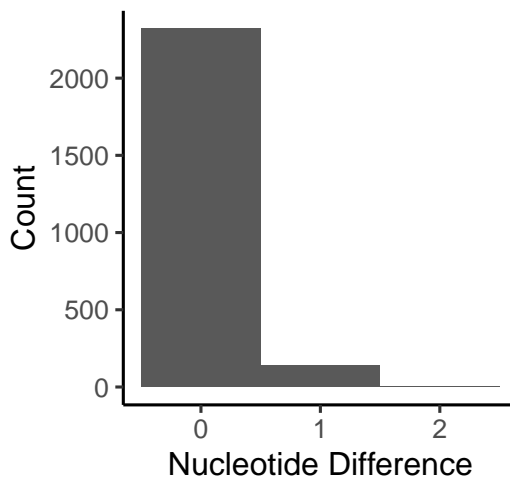
TRBV6-9*ap01

261 sequences assigned
166 (63.6%) exact matches, in which:
166 unique CDR3
12 unique J



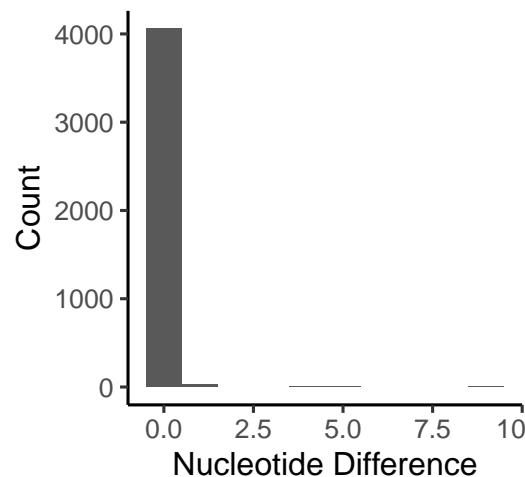
TRBV6-56*ap02

2458 sequences assigned
2320 (94.4%) exact matches, in which:
2270 unique CDR3
13 unique J



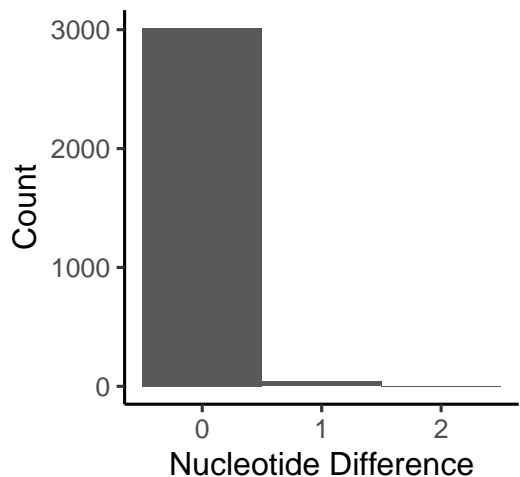
TRBV7-3*ap01

4087 sequences assigned
4059 (99.3%) exact matches, in which:
4038 unique CDR3
13 unique J



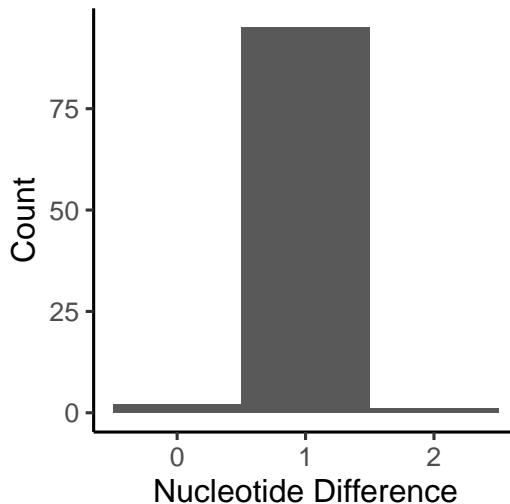
TRBV6-23*ap01

3057 sequences assigned
3014 (98.6%) exact matches, in which:
2931 unique CDR3
13 unique J



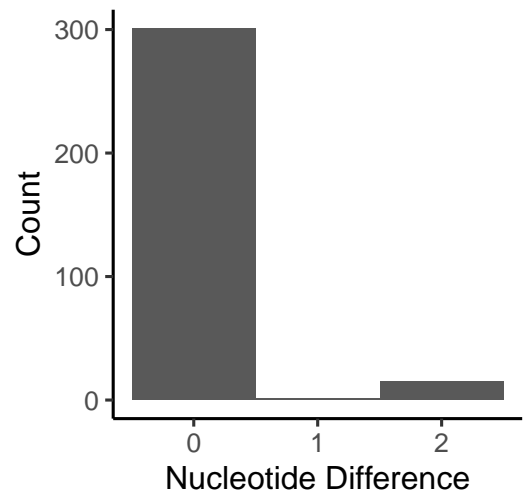
TRBV7-1*ap01_T296C

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



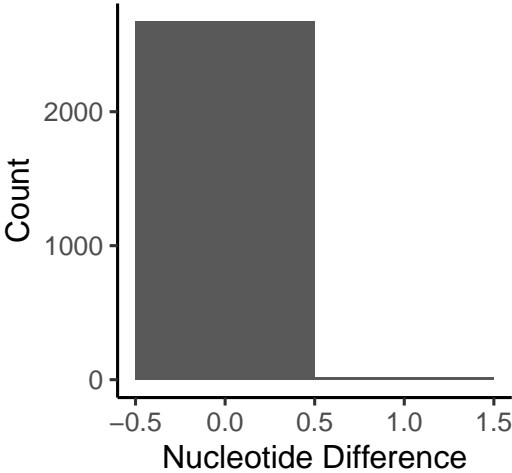
TRBV7-4*ap01

317 sequences assigned
301 (95%) exact matches, in which:
296 unique CDR3
13 unique J



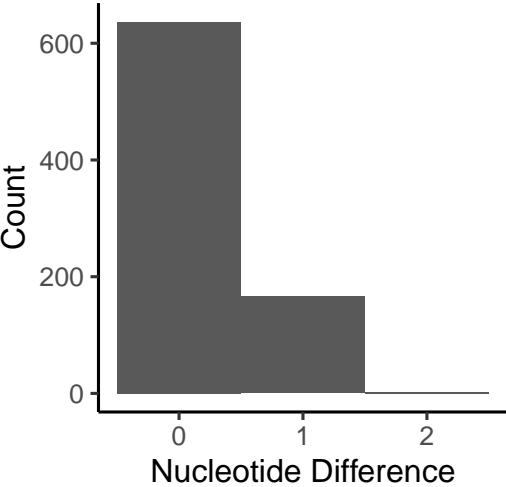
TRBV7-6*ap01

2691 sequences assigned
2674 (99.4%) exact matches, in which:
2645 unique CDR3
13 unique J



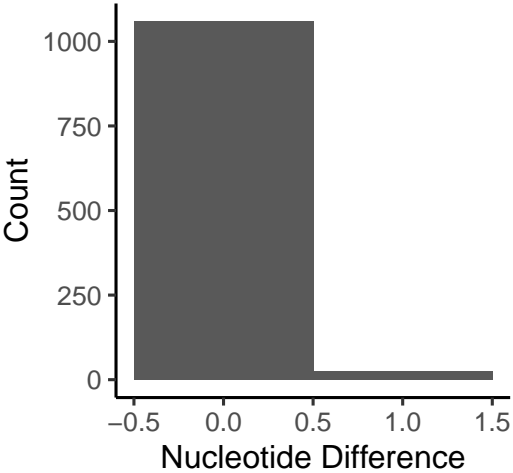
TRBV7-8*ap03

805 sequences assigned
637 (79.1%) exact matches, in which:
634 unique CDR3
13 unique J



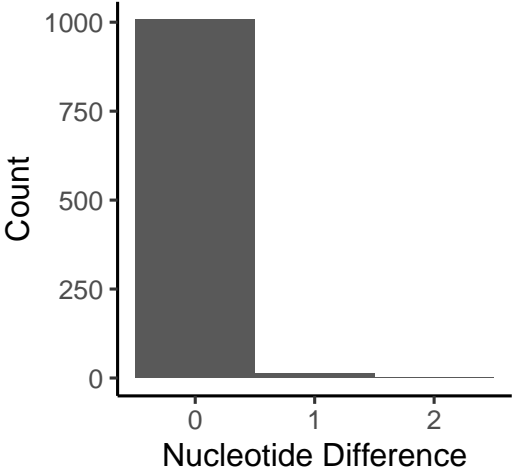
TRBV29-1*ap02

1083 sequences assigned
1059 (97.8%) exact matches, in which:
1031 unique CDR3
13 unique J



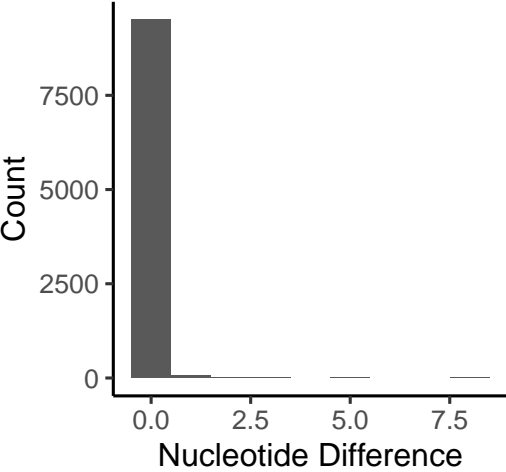
TRBV7-7*ap01_C315T

1022 sequences assigned
1007 (98.5%) exact matches, in which:
1005 unique CDR3
13 unique J



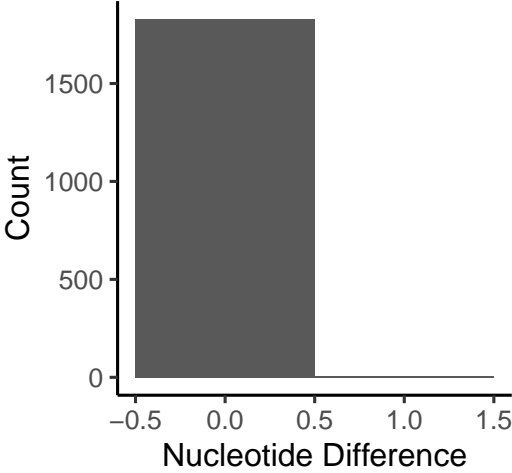
TRBV7-9*ap01

9568 sequences assigned
9506 (99.4%) exact matches, in which:
9408 unique CDR3
13 unique J



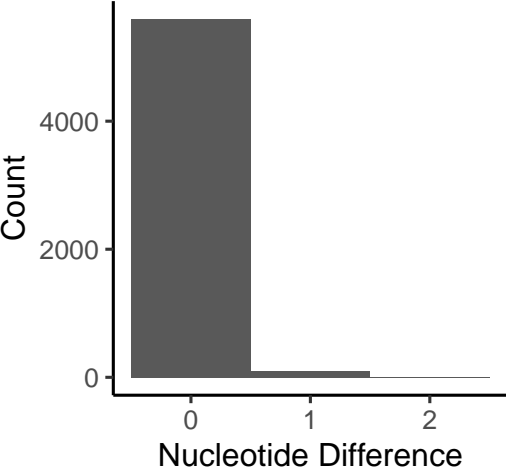
TRBV7-8*ap01

1835 sequences assigned
1829 (99.7%) exact matches, in which:
1812 unique CDR3
13 unique J

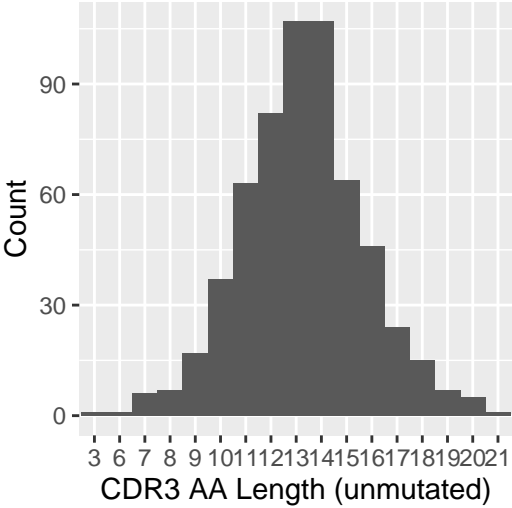


TRBV29-1*ap01

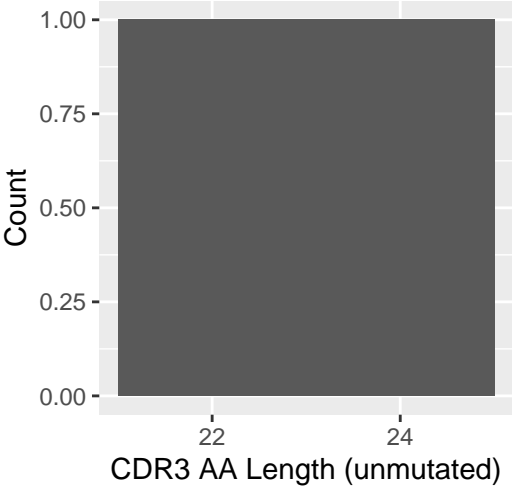
5694 sequences assigned
5595 (98.3%) exact matches, in which:
5434 unique CDR3
13 unique J



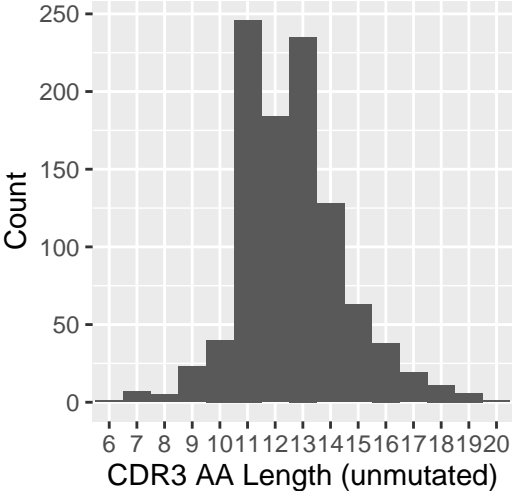
TRBV23-1*ap01_T304C



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.