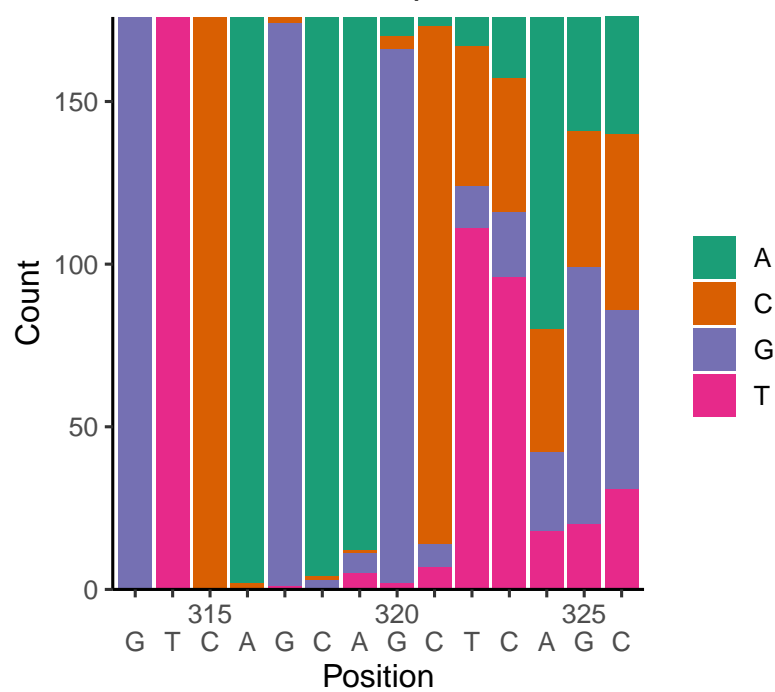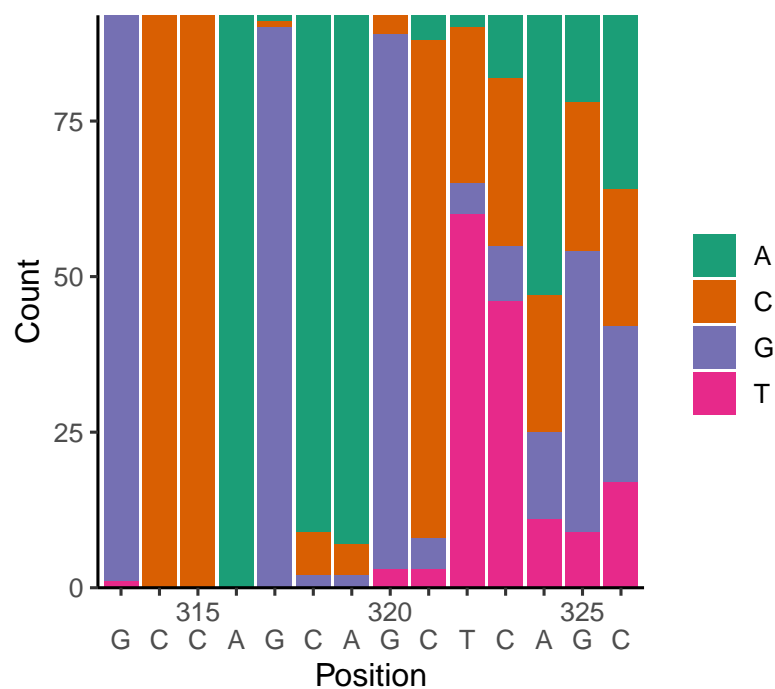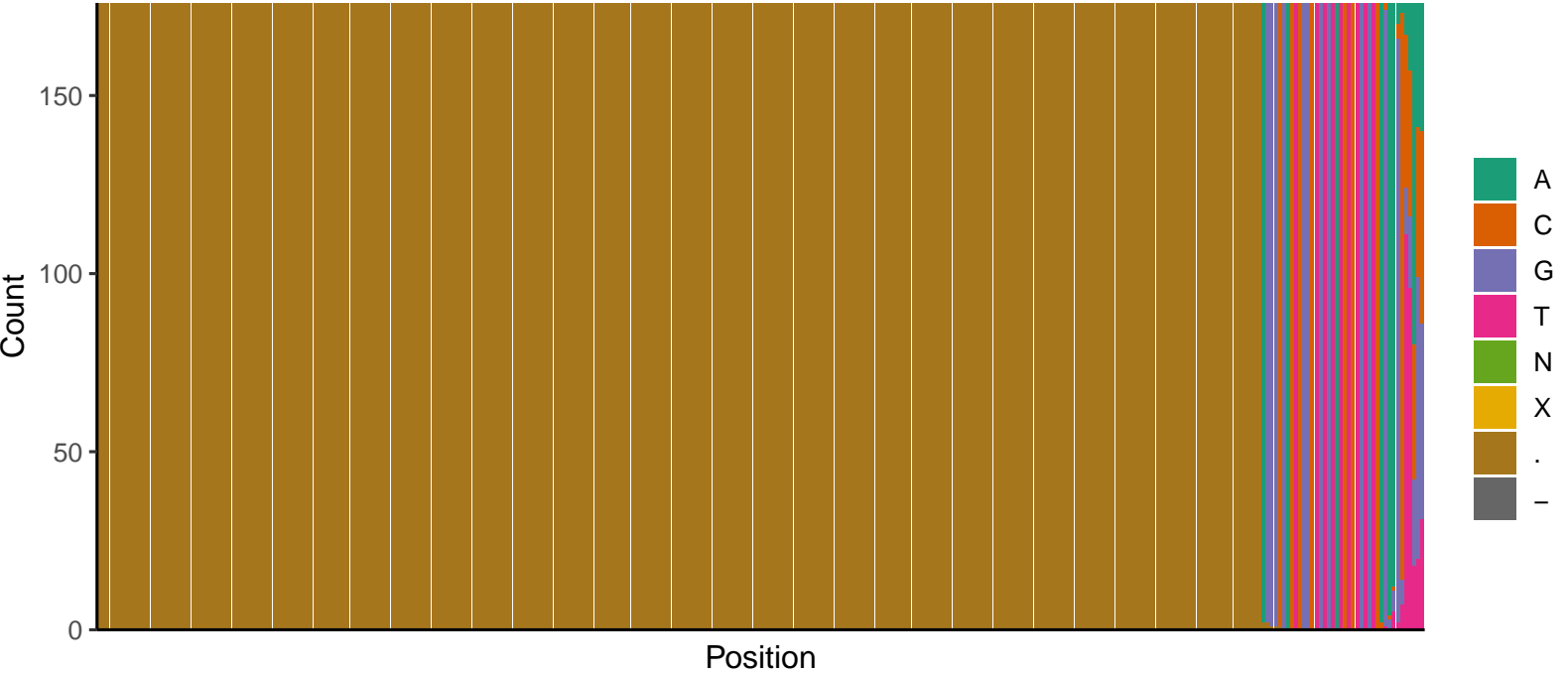Gene TRBV7−1*ap01_G291C_T296C_C314T

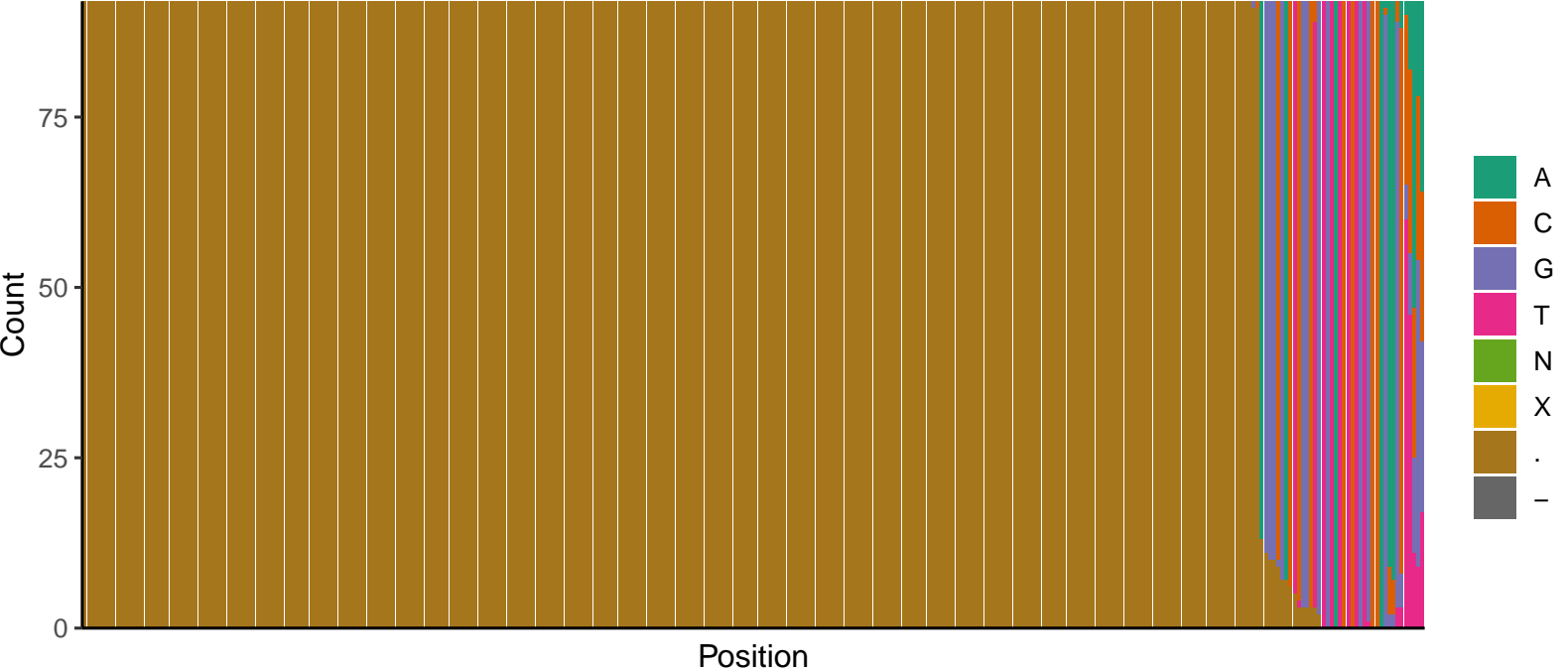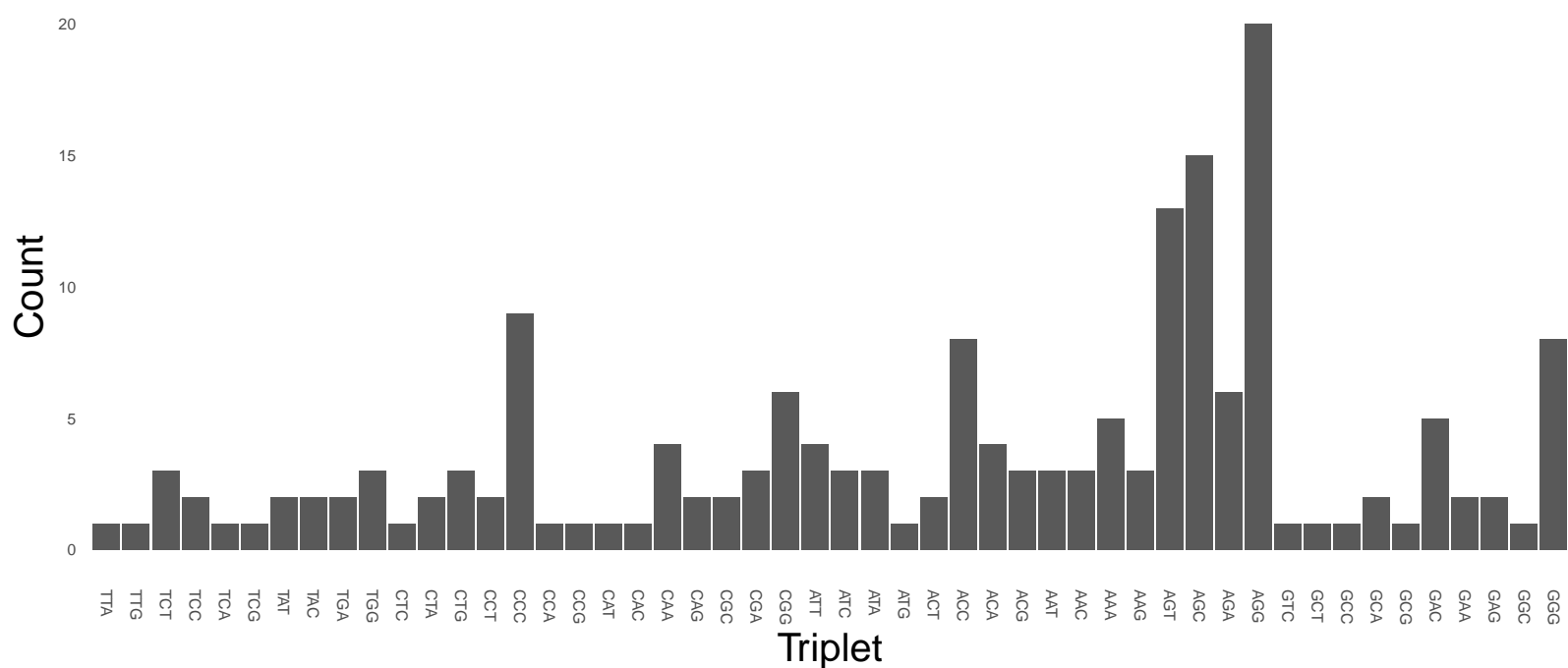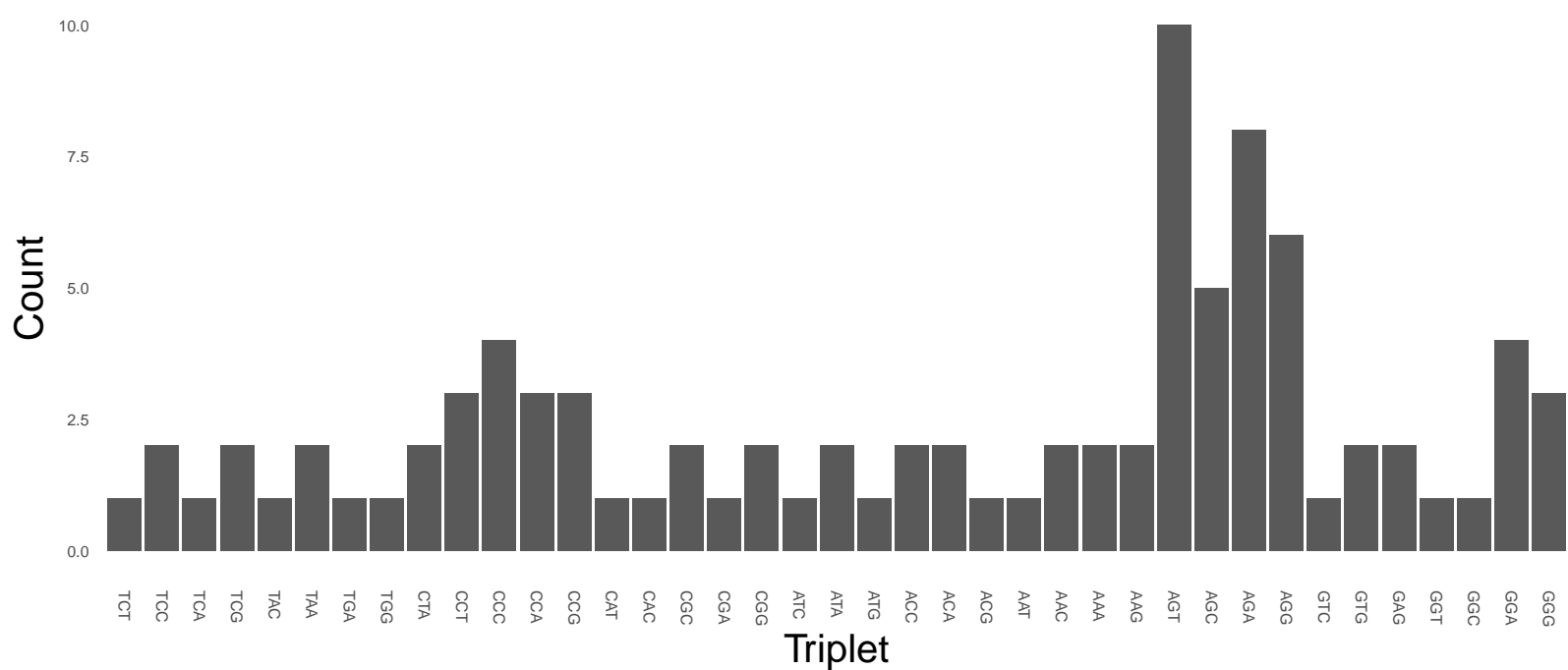Gene TRBV7−1*ap01_G291C_T296C

Gene TRBV7−1*ap01_G291C_T296C_C314T

Gene TRBV7−1*ap01_G291C_T296C

TRBV7−1*ap01_G291C_T296C_C314T− Final 3 nucleotides as a triplet
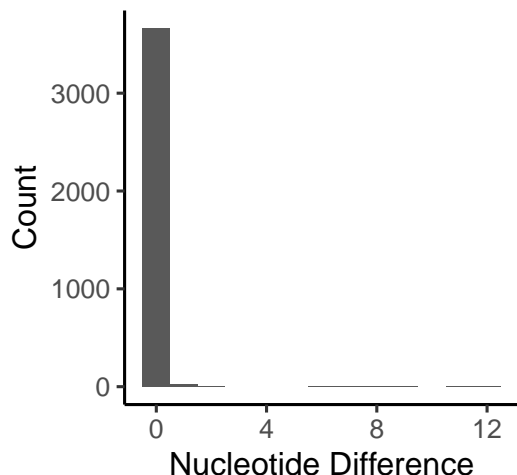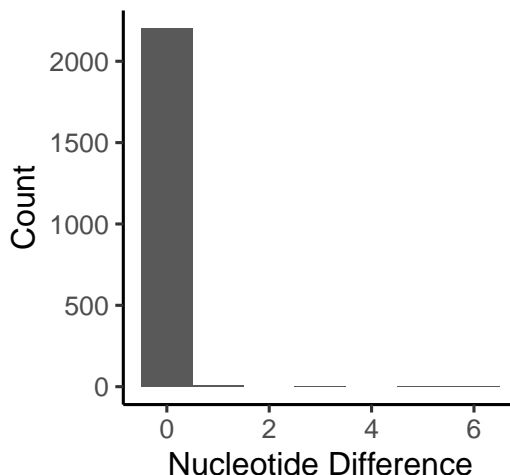
TRBV7−1*ap01_G291C_T296C− Final 3 nucleotides as a triplet

TRBV10−1*ap01

3703 sequences assigned
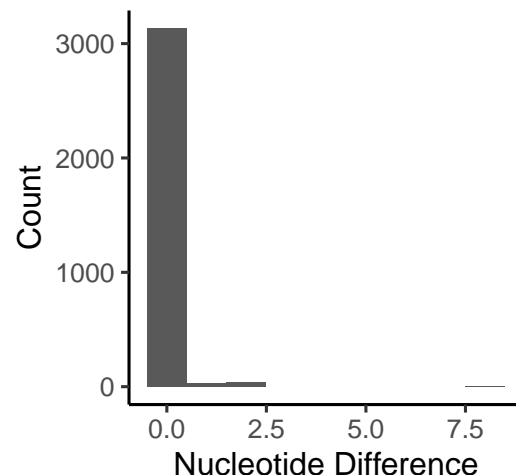3662 (98.9%) exact matches, in which:
3611 unique CDR3
13 unique J

TRBV10−2*ap01

2216 sequences assigned
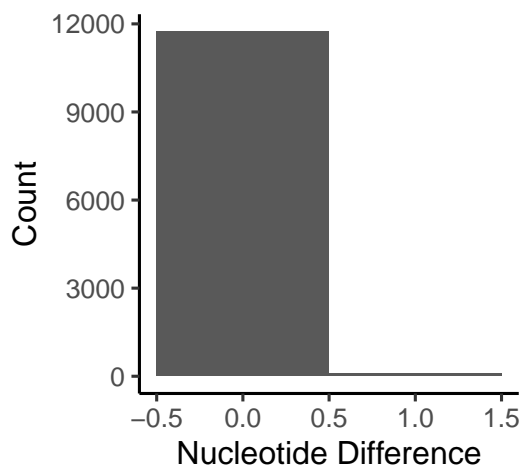2202 (99.4%) exact matches, in which:
2171 unique CDR3
13 unique J

TRBV13*ap01

3201 sequences assigned
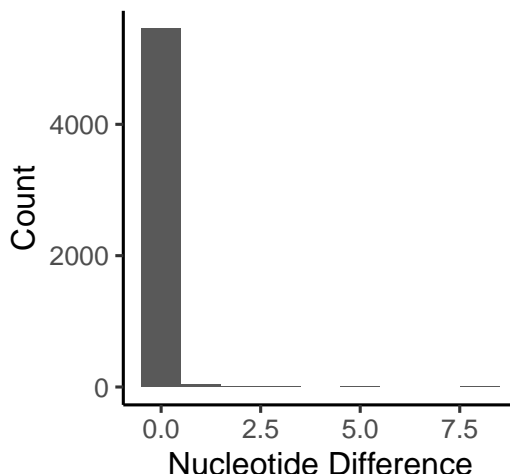3133 (97.9%) exact matches, in which:
3060 unique CDR3
13 unique J

TRBV20−1*ap01

11832 sequences assigned
11741 (99.2%) exact matches, in which:
11608 unique CDR3
13 unique J

TRBV10−3*ap01

5503 sequences assigned
5456 (99.1%) exact matches, in which:
5366 unique CDR3
13 unique J

TRBV14*ap01

4700 sequences assigned
4675 (99.5%) exact matches, in which:
4621 unique CDR3
13 unique J

TRBV20−1*ap02

1800 sequences assigned
1789 (99.4%) exact matches, in which:
1769 unique CDR3
13 unique J

TRBV1*ap01

839 sequences assigned
824 (98.2%) exact matches, in which:
816 unique CDR3
13 unique J

TRBV15*ap02

5153 sequences assigned
5107 (99.1%) exact matches, in which:
5005 unique CDR3
13 unique J

TRBV16*ap01

354 sequences assigned
350 (98.9%) exact matches, in which:
347 unique CDR3
13 unique J

TRBV19*ap01

17427 sequences assigned
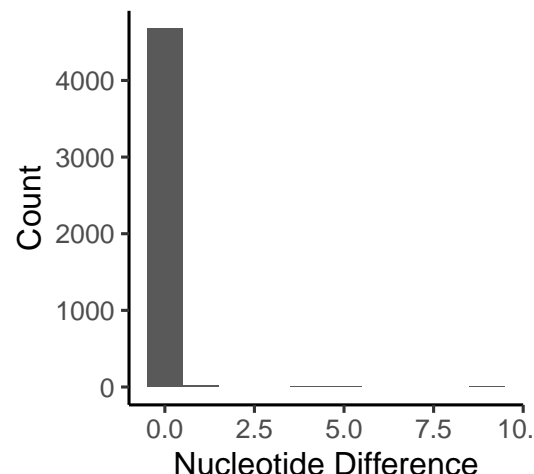17267 (99.1%) exact matches, in which:
17105 unique CDR3
13 unique J

TRBV28*ap01

16205 sequences assigned
16095 (99.3%) exact matches, in which:
15886 unique CDR3
13 unique J
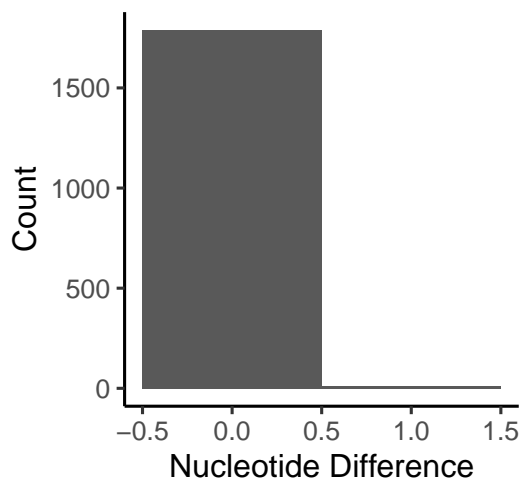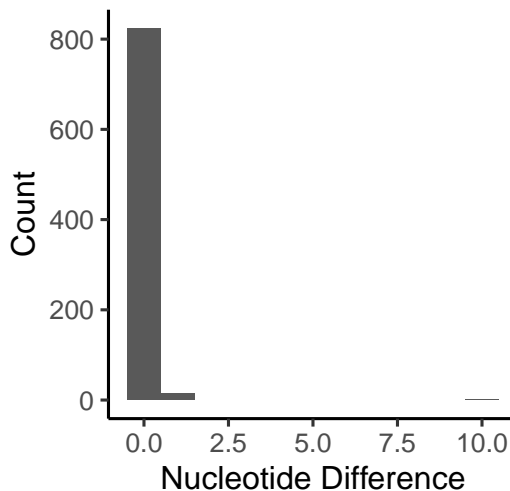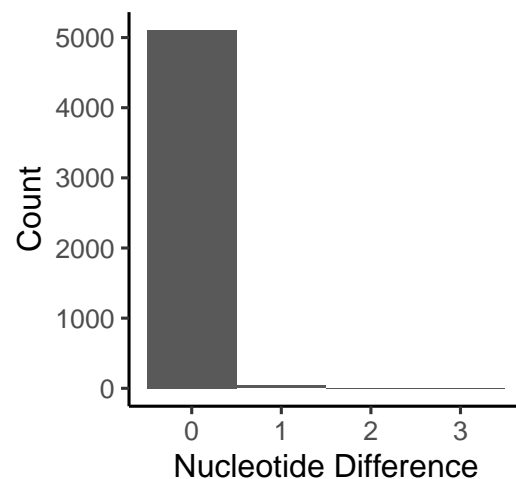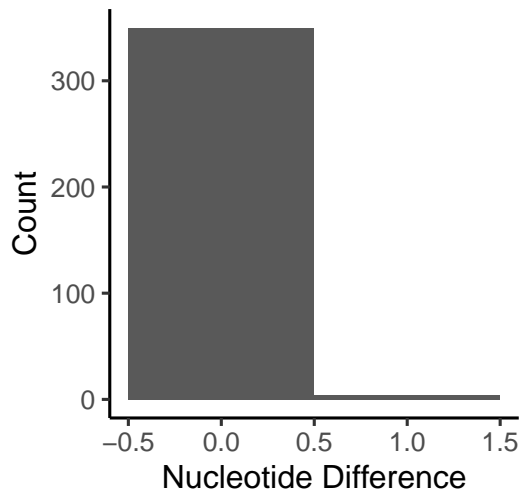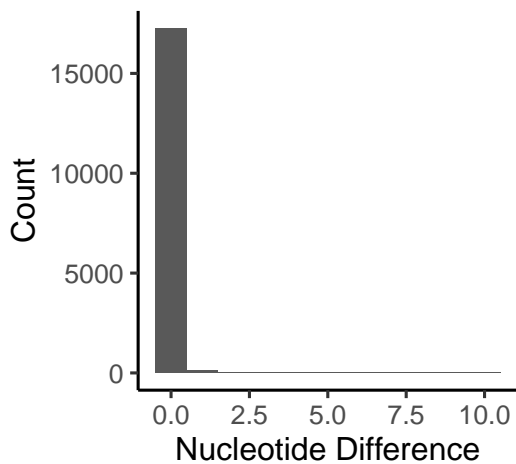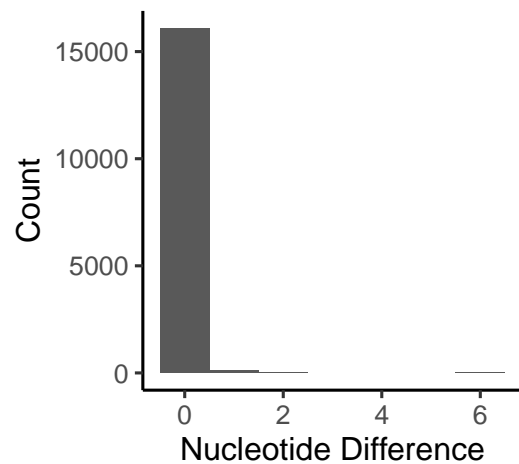
TRBV17*ap01

3 sequences assigned
No exact matches.

TRBV2*ap01

14267 sequences assigned
14138 (99.1%) exact matches, in which:
13918 unique CDR3
13 unique J

TRBV30*ap01

7420 sequences assigned
6729 (90.7%) exact matches, in which:
6559 unique CDR3
13 unique J

TRBV18*ap01

10543 sequences assigned
10491 (99.5%) exact matches, in which:
10398 unique CDR3
13 unique J

TRBV27*ap01

21674 sequences assigned
21509 (99.2%) exact matches, in which:
21169 unique CDR3
13 unique J

TRBV9*ap01

9973 sequences assigned
9902 (99.3%) exact matches, in which:
9798 unique CDR3
13 unique J

TRBV21−1*ap01

5736 sequences assigned
5663 (98.7%) exact matches, in which:
5627 unique CDR3
14 unique J

TRBV11−3*ap01

2644 sequences assigned
2631 (99.5%) exact matches, in which:
2620 unique CDR3
13 unique J

TRBV12−5*ap01

2231 sequences assigned
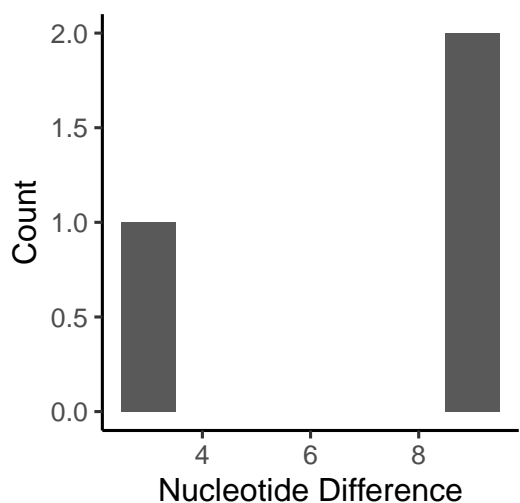2205 (98.8%) exact matches, in which:
2180 unique CDR3
13 unique J

TRBV11−1*ap01

1085 sequences assigned
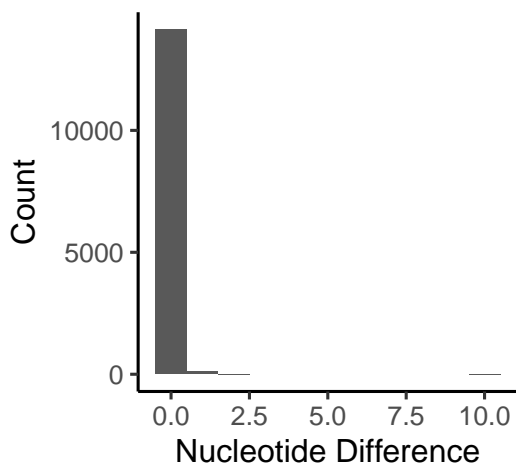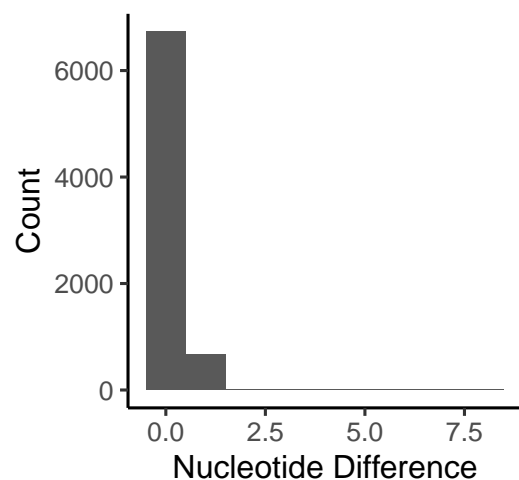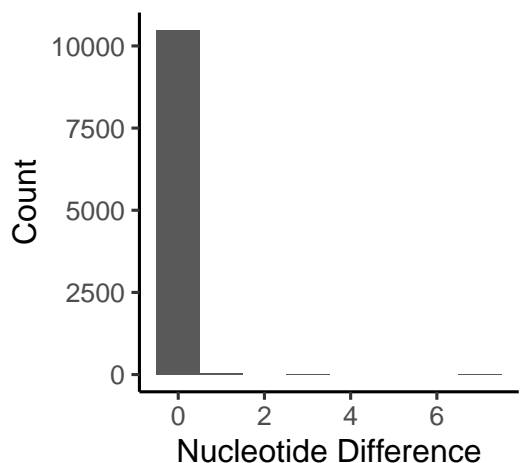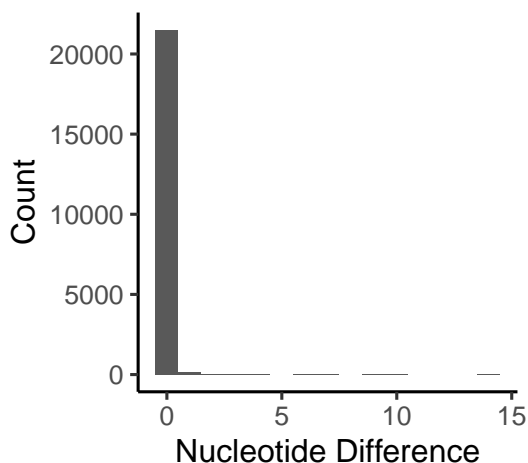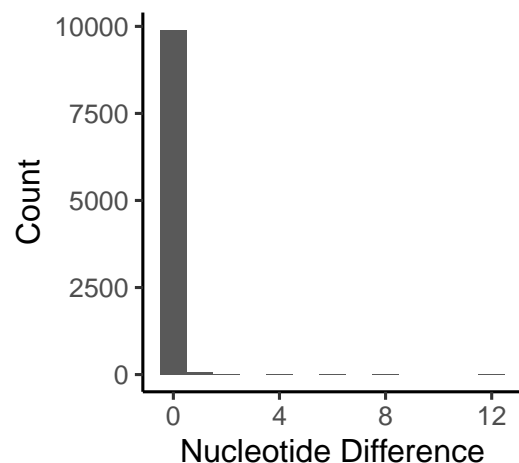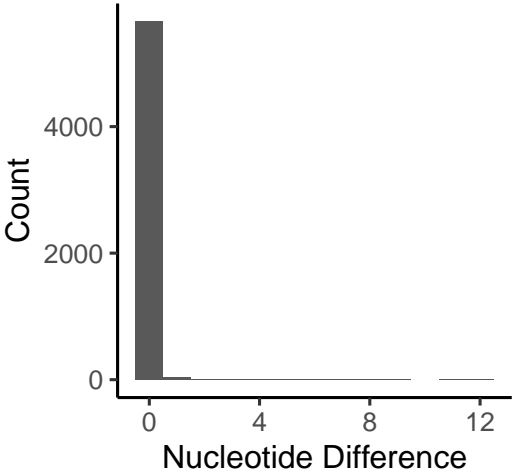1075 (99.1%) exact matches, in which:
1067 unique CDR3
13 unique J

TRBV12−1*ap01

388 sequences assigned
383 (98.7%) exact matches, in which:
377 unique CDR3
13 unique J

TRBV12−34*ap01

21024 sequences assigned
20841 (99.1%) exact matches, in which:
20531 unique CDR3
13 unique J

TRBV11−2*ap01

6375 sequences assigned
6348 (99.6%) exact matches, in which:
6316 unique CDR3
13 unique J

TRBV12−2*ap01

898 sequences assigned
889 (99%) exact matches, in which:
879 unique CDR3
13 unique J

TRBV23−1*ap01

2324 sequences assigned
2303 (99.1%) exact matches, in which:
2277 unique CDR3
13 unique J

TRBV3−12*ap01

13289 sequences assigned
13215 (99.4%) exact matches, in which:
13101 unique CDR3
13 unique J

TRBV4−2*ap01

4250 sequences assigned
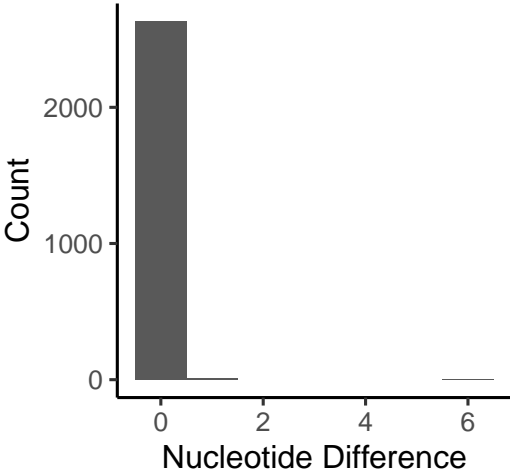4197 (98.8%) exact matches, in which:
4093 unique CDR3
13 unique J

TRBV5−3*ap01

1069 sequences assigned
1050 (98.2%) exact matches, in which:
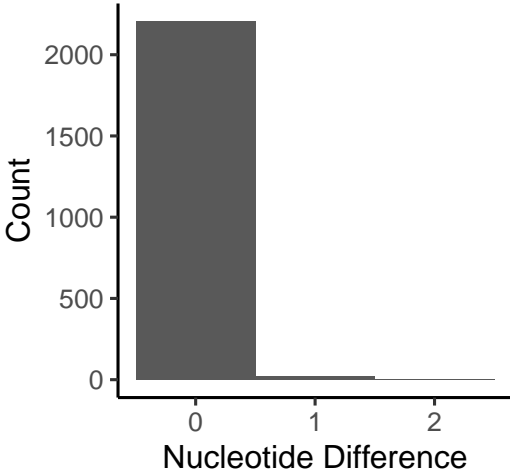1035 unique CDR3
13 unique J

TRBV24−1*ap01

7251 sequences assigned
7151 (98.6%) exact matches, in which:
7025 unique CDR3
13 unique J
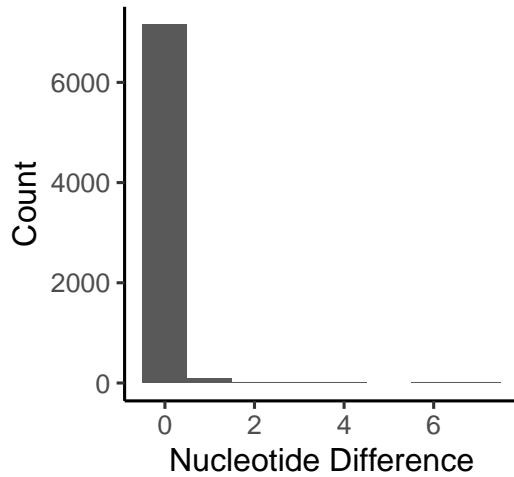
TRBV5−1*ap01

23601 sequences assigned
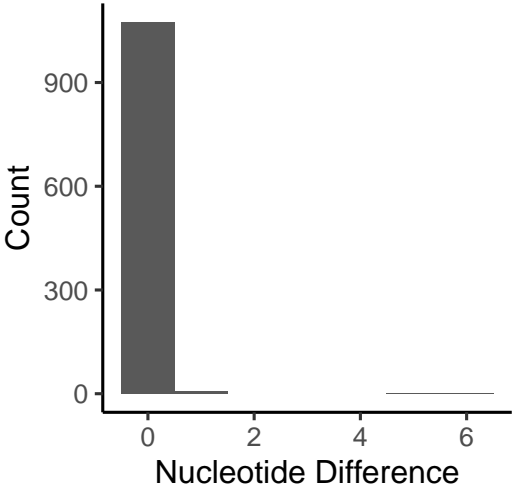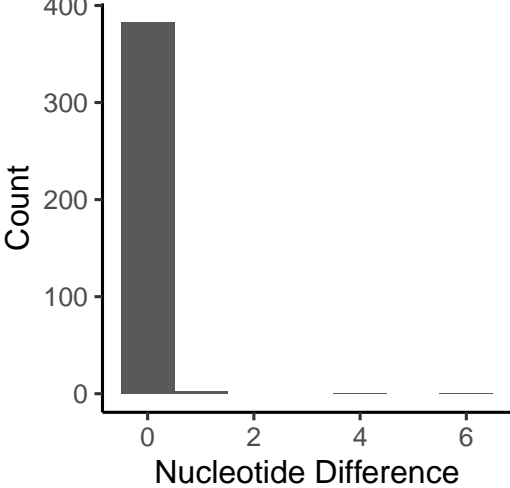23404 (99.2%) exact matches, in which:
22956 unique CDR3
13 unique J

TRBV5−4*ap01

5837 sequences assigned
5782 (99.1%) exact matches, in which:
5655 unique CDR3
14 unique J
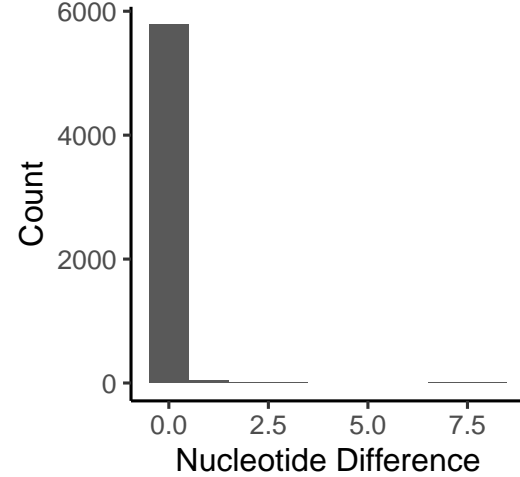
TRBV4−1*ap01

6224 sequences assigned
6169 (99.1%) exact matches, in which:
6031 unique CDR3
13 unique J

TRBV25−1*ap01

4577 sequences assigned
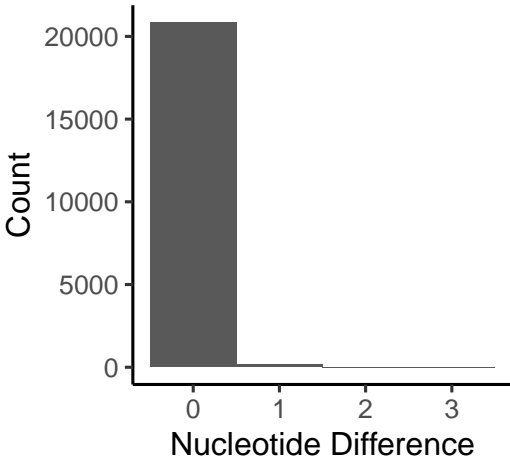4525 (98.9%) exact matches, in which:
4414 unique CDR3
13 unique J

TRBV5−5*ap01

2233 sequences assigned
2225 (99.6%) exact matches, in which:
2214 unique CDR3
13 unique J

TRBV5−6*ap01

6689 sequences assigned
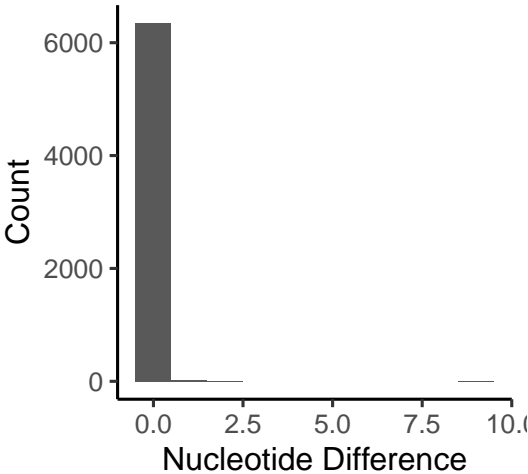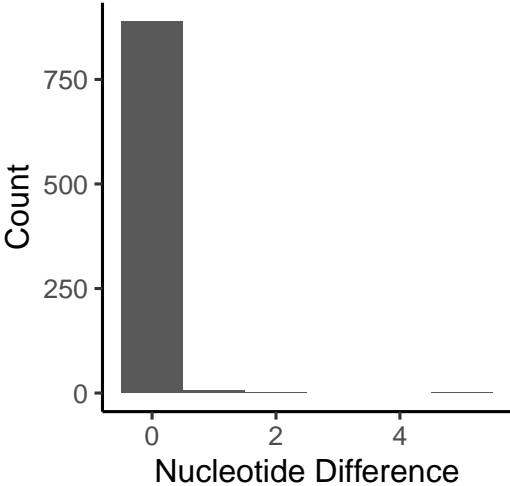6601 (98.7%) exact matches, in which:
6394 unique CDR3
13 unique J

TRBV6−1*ap01

7797 sequences assigned
7610 (97.6%) exact matches, in which:
7448 unique CDR3
13 unique J

TRBV6−8*ap01

267 sequences assigned
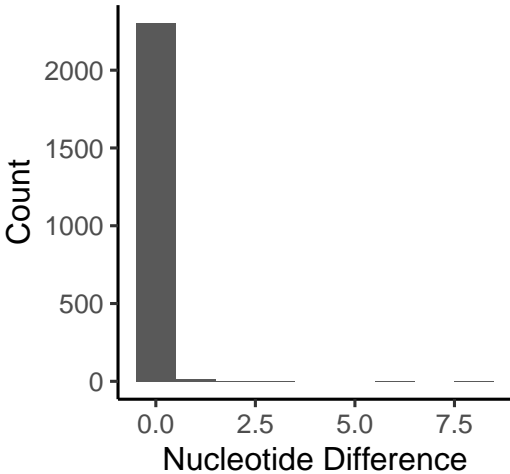263 (98.5%) exact matches, in which:
259 unique CDR3
13 unique J

TRBV5−7*ap01

195 sequences assigned
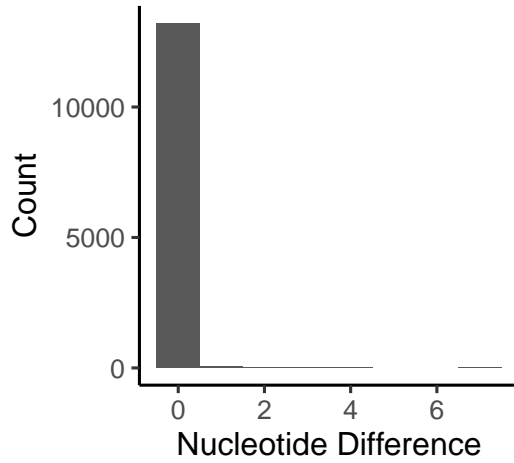195 (100%) exact matches, in which:
190 unique CDR3
13 unique J

TRBV6−4*ap01

4394 sequences assigned
4344 (98.9%) exact matches, in which:
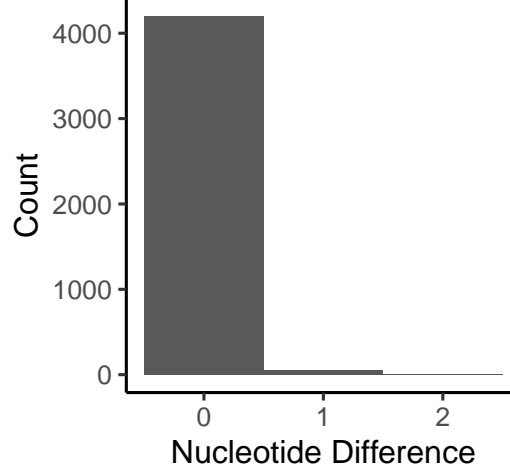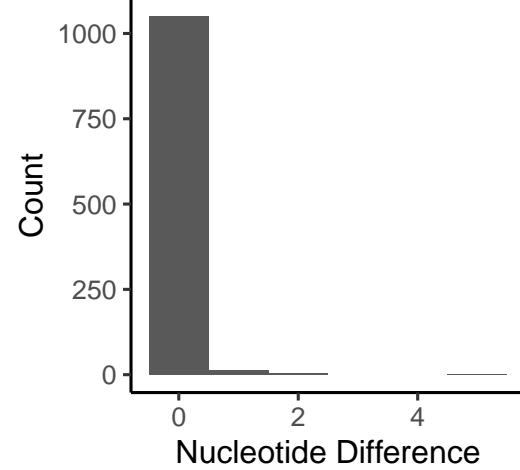4290 unique CDR3
13 unique J

TRBV6−9*ap01

451 sequences assigned
293 (65%) exact matches, in which:
287 unique CDR3
13 unique J

TRBV5−8*ap01

2377 sequences assigned
2355 (99.1%) exact matches, in which:
2313 unique CDR3
13 unique J

TRBV6−7*ap01

626 sequences assigned
621 (99.2%) exact matches, in which:
602 unique CDR3
13 unique J

## TRBV6−23*ap01

4586 sequences assigned
4543 (99.1%) exact matches, in which:
4425 unique CDR3
13 unique J
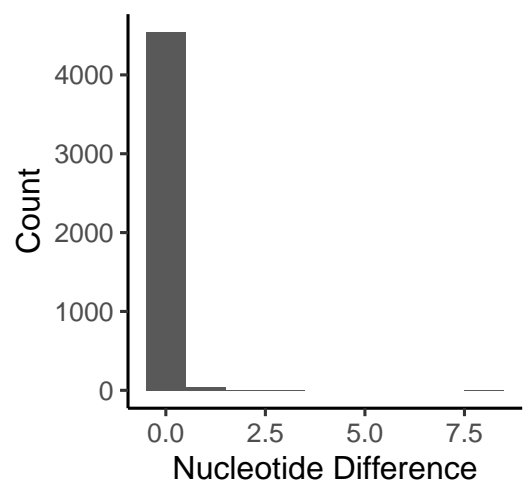
TRBV6–56*ap01

13489 sequences assigned
13359 (99%) exact matches, in which:
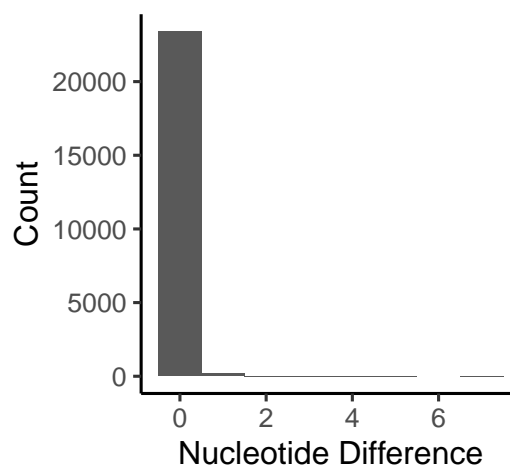13023 unique CDR3
13 unique J
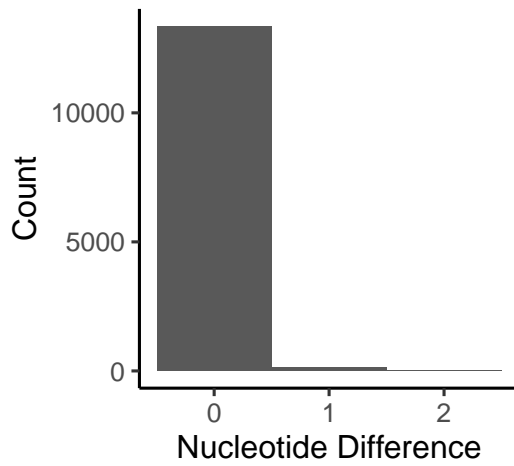
TRBV7–1*ap01_G291C_T

176 sequences assigned
176 (100%) exact matches, in which:
174 unique CDR3
13 unique J
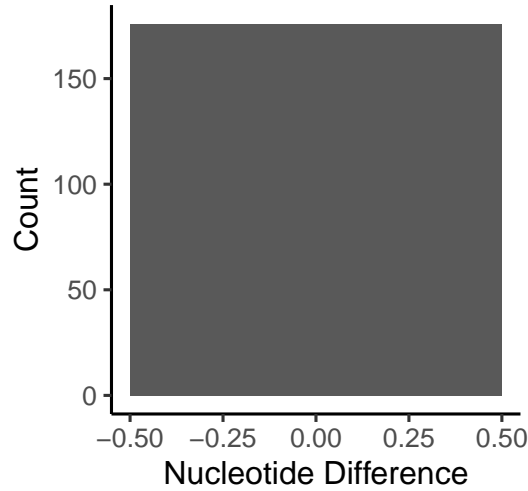
TRBV7–3*ap03

1724 sequences assigned
1706 (99%) exact matches, in which:
1683 unique CDR3
13 unique J
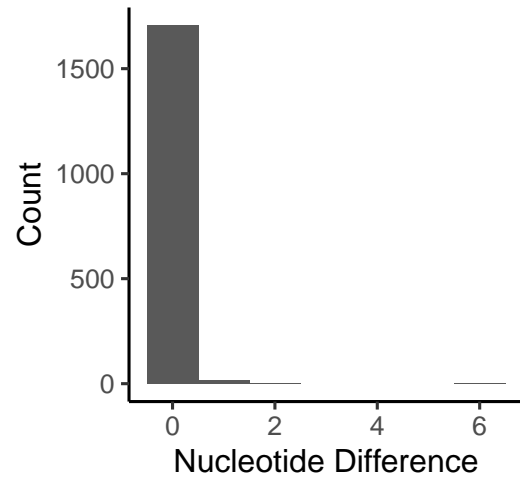
TRBV6–56*ap02

3742 sequences assigned
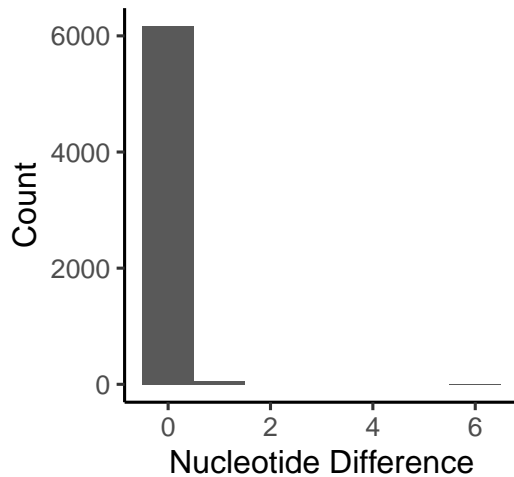3575 (95.5%) exact matches, in which:
3494 unique CDR3
13 unique J
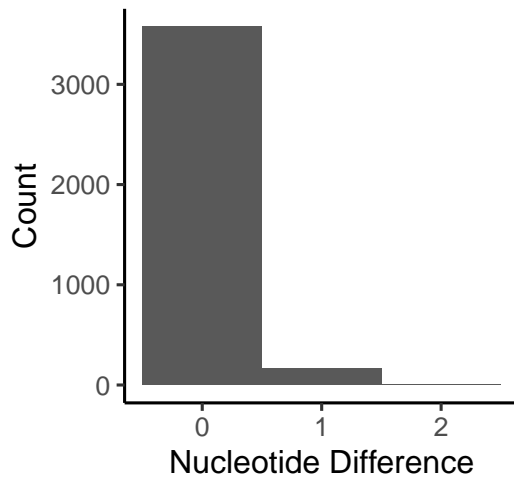
TRBV7–2*ap01

7994 sequences assigned
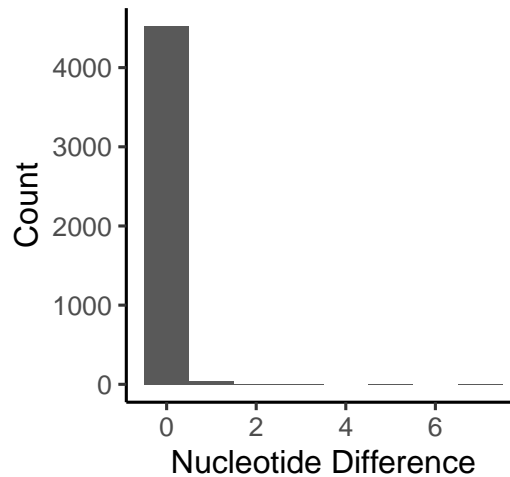7942 (99.3%) exact matches, in which:
7851 unique CDR3
14 unique J
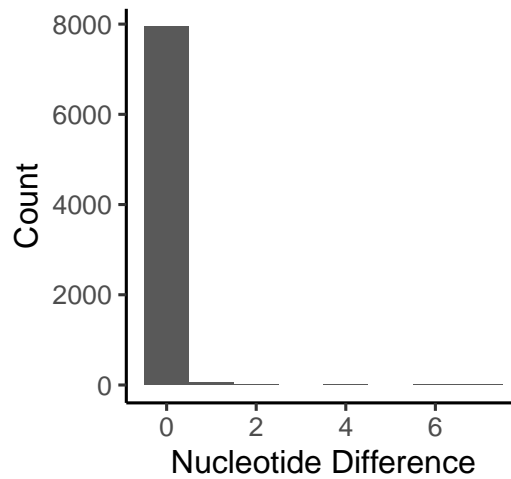
TRBV7–4*ap01

476 sequences assigned
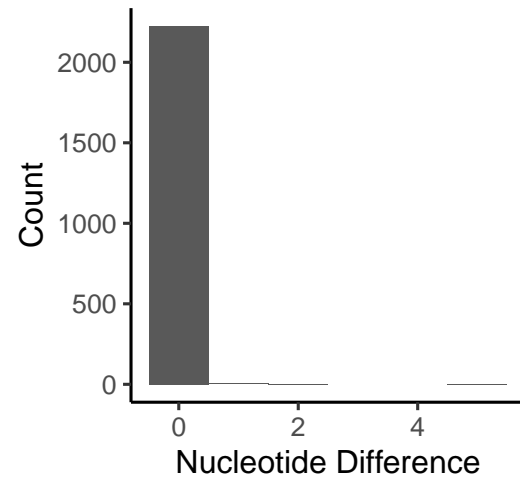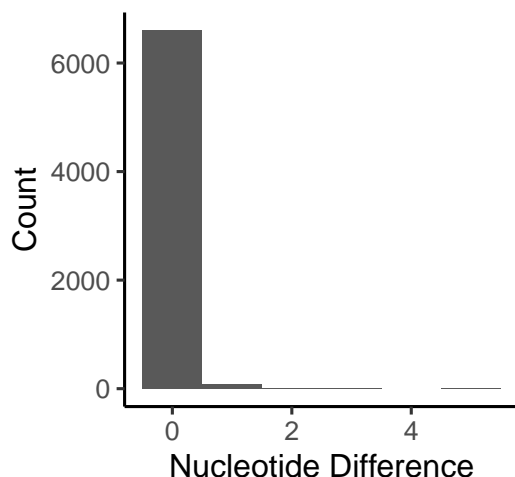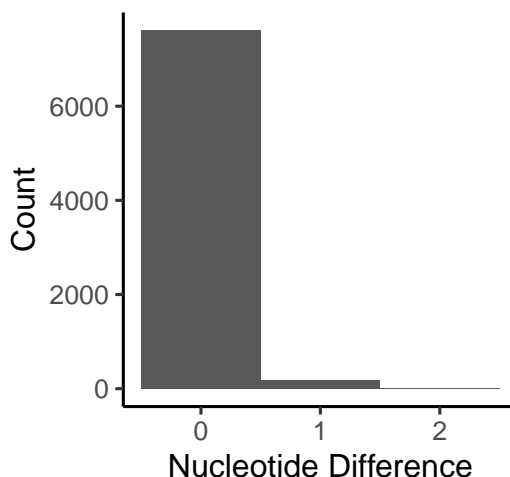472 (99.2%) exact matches, in which:
467 unique CDR3
13 unique J
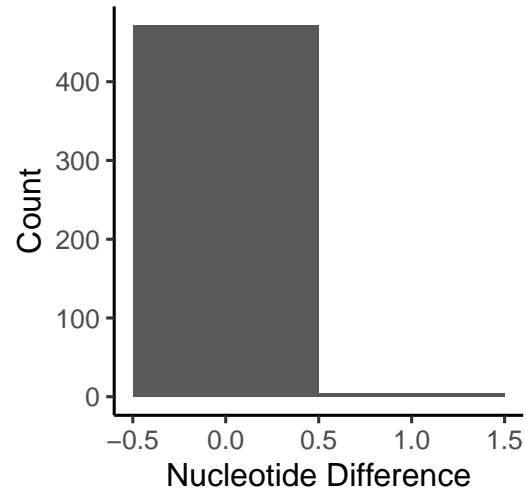
TRBV7–1*ap01_G291C_T

92 sequences assigned
88 (95.7%) exact matches, in which:
88 unique CDR3
12 unique J
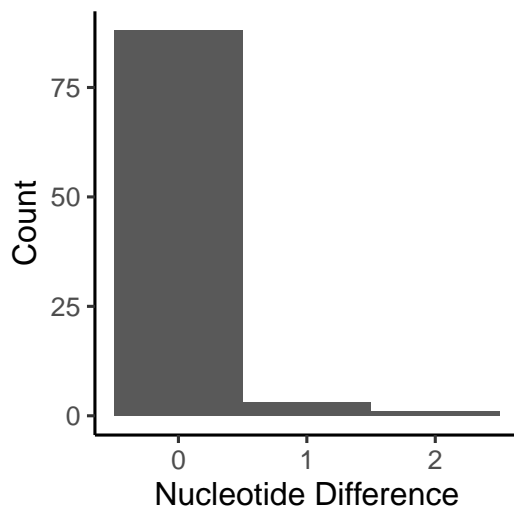
TRBV7–3*ap01

4597 sequences assigned
4563 (99.3%) exact matches, in which:
4533 unique CDR3
13 unique J
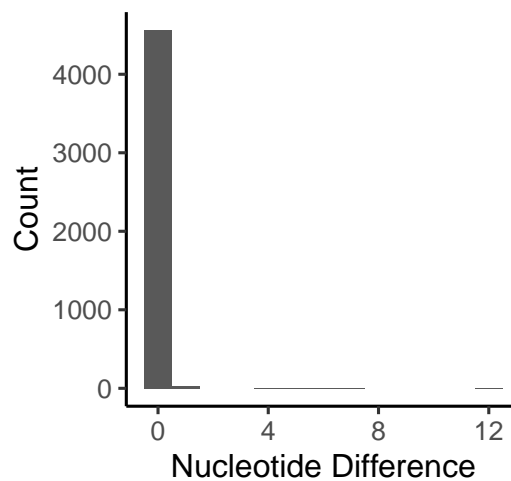
TRBV7–6*ap01

4779 sequences assigned
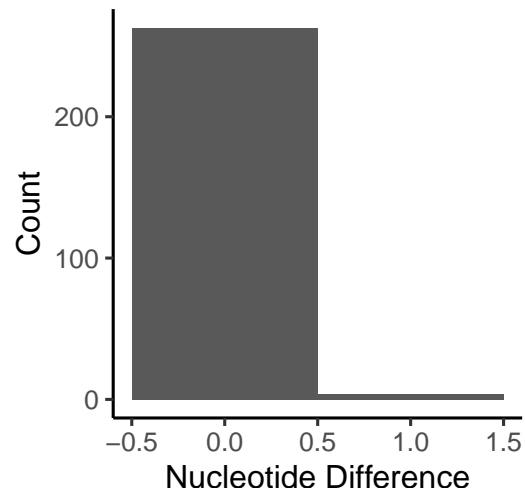4745 (99.3%) exact matches, in which:
4676 unique CDR3
13 unique J
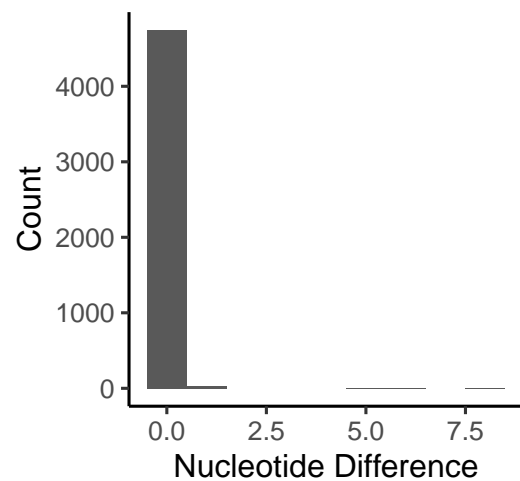
TRBV7−7*ap01

1572 sequences assigned
1568 (99.7%) exact matches, in which:
1542 unique CDR3
13 unique J
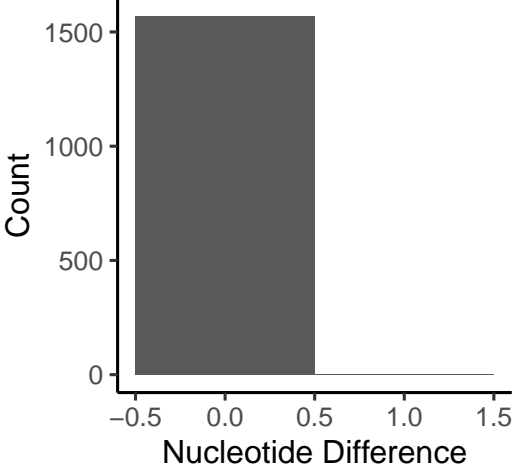
TRBV7−9*ap01

18983 sequences assigned
18850 (99.3%) exact matches, in which:
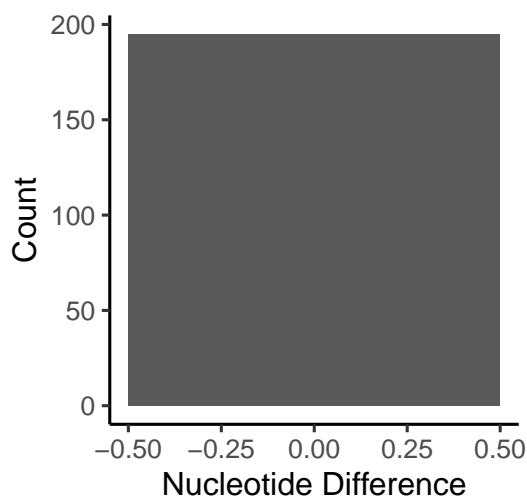18578 unique CDR3
13 unique J
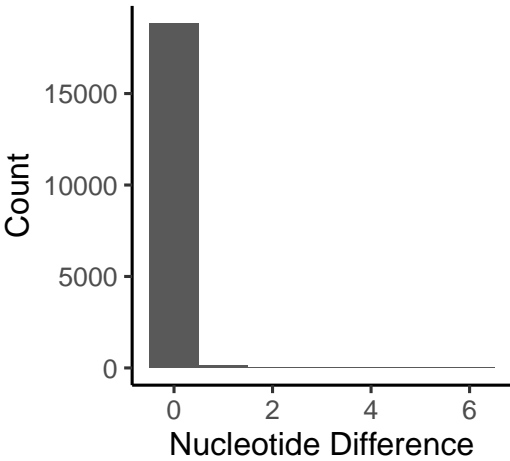
TRBV7−8*ap01

3016 sequences assigned
2999 (99.4%) exact matches, in which:
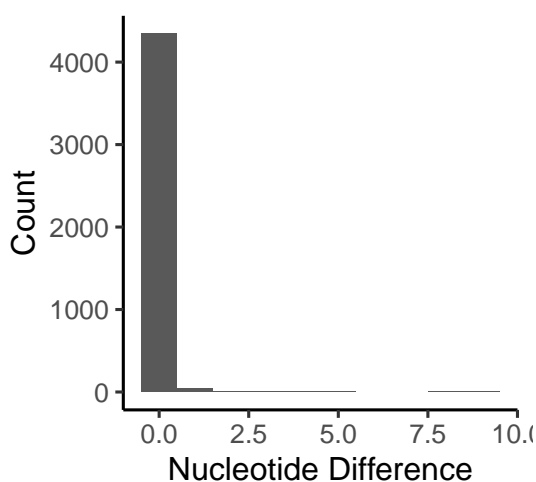2949 unique CDR3
13 unique J

TRBV29−1*ap01

7734 sequences assigned
7654 (99%) exact matches, in which:
7449 unique CDR3
13 unique J

TRBV7−8*ap03

1230 sequences assigned
982 (79.8%) exact matches, in which:
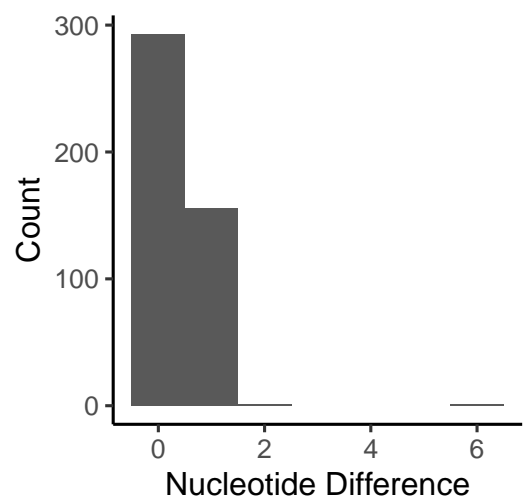958 unique CDR3
13 unique J

TRBV29−1*ap02

1364 sequences assigned
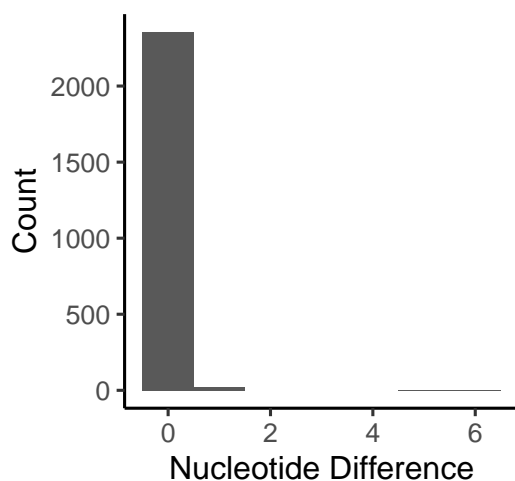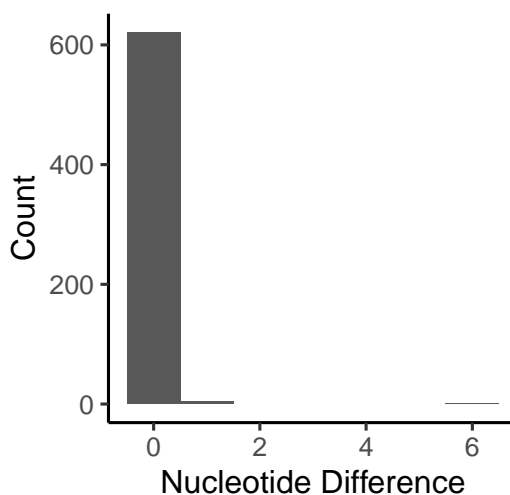1343 (98.5%) exact matches, in which:
1312 unique CDR3
13 unique J
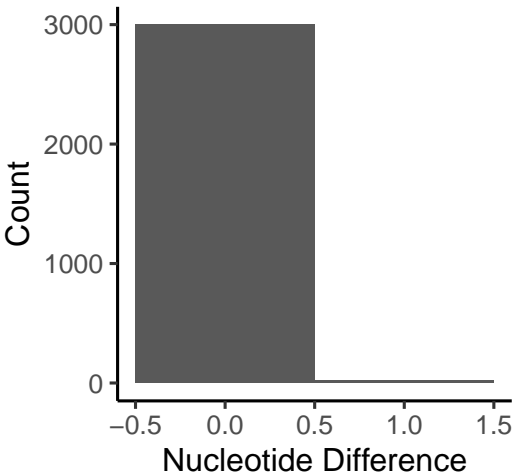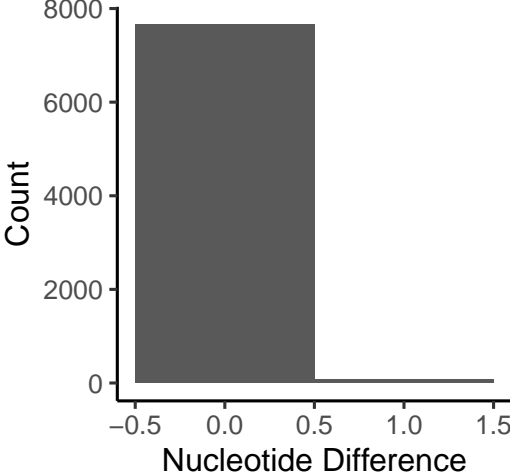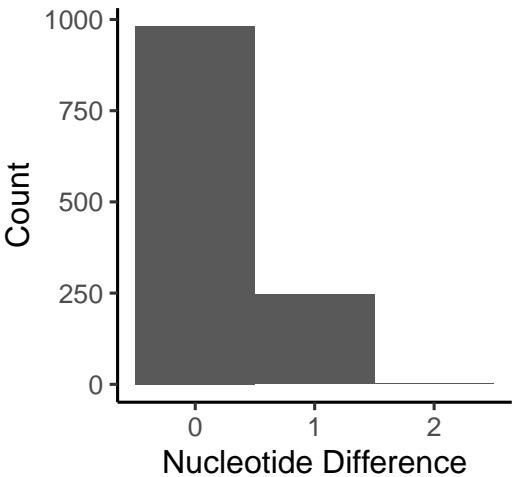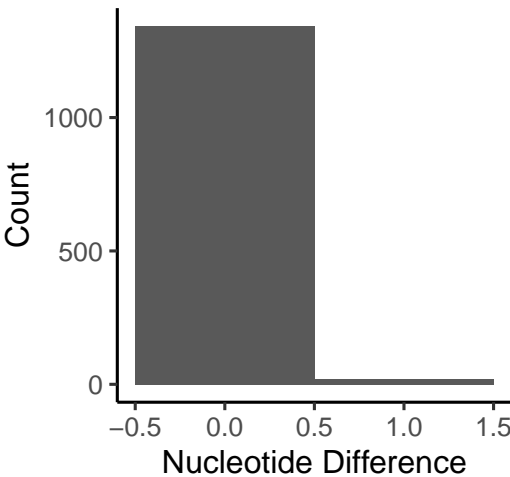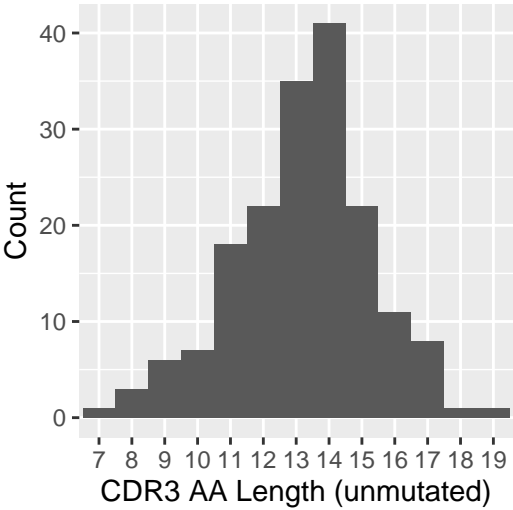
TRBV7−1*ap01_G291C_T296C_C314T

Count vs CDR3 AA Length (unmutated)

TRBV7−1*ap01_G291C_T296C

Count vs CDR3 AA Length (unmutated)

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