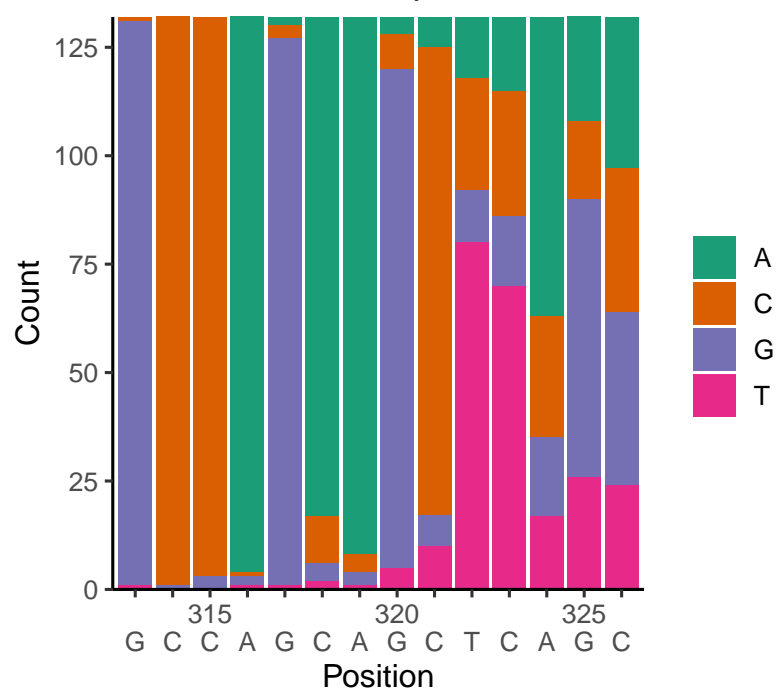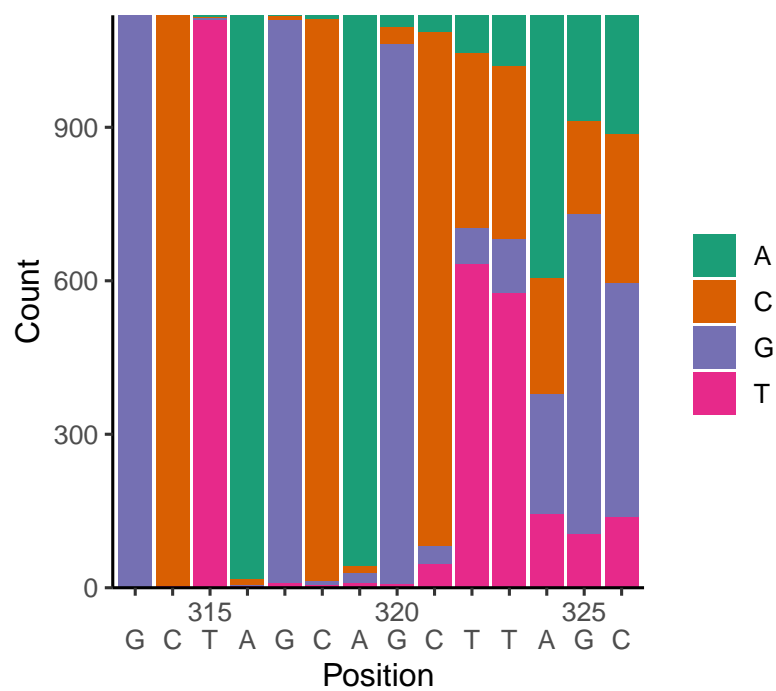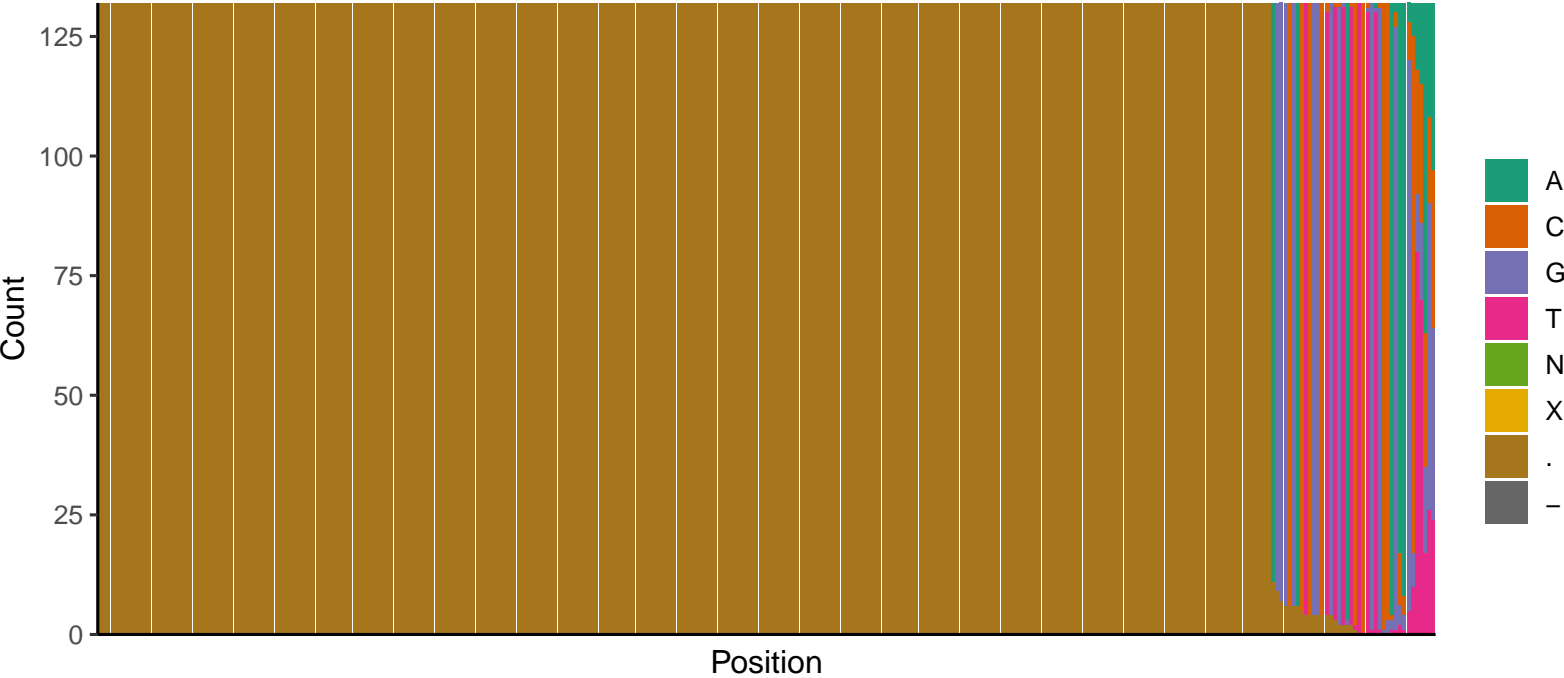Gene TRBV7−1*ap01_G291C_T296C
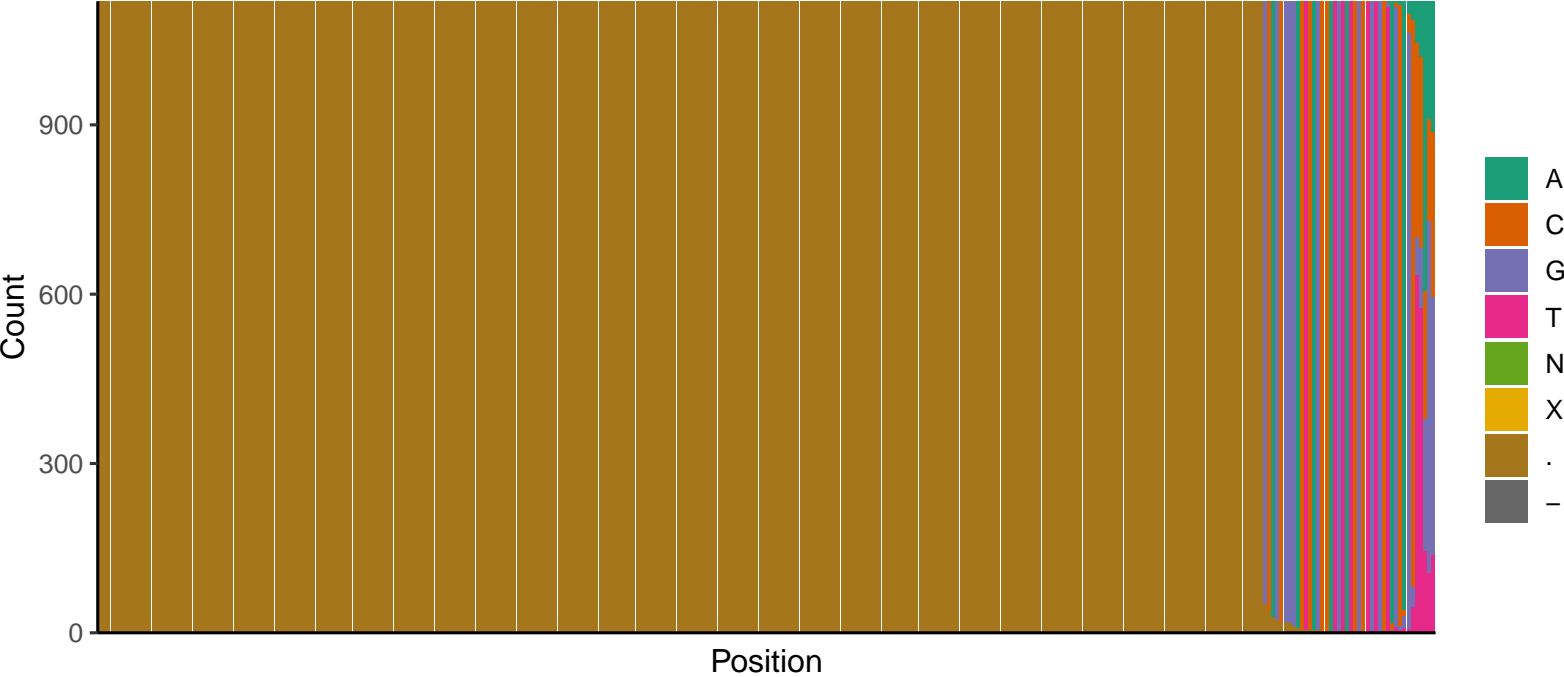
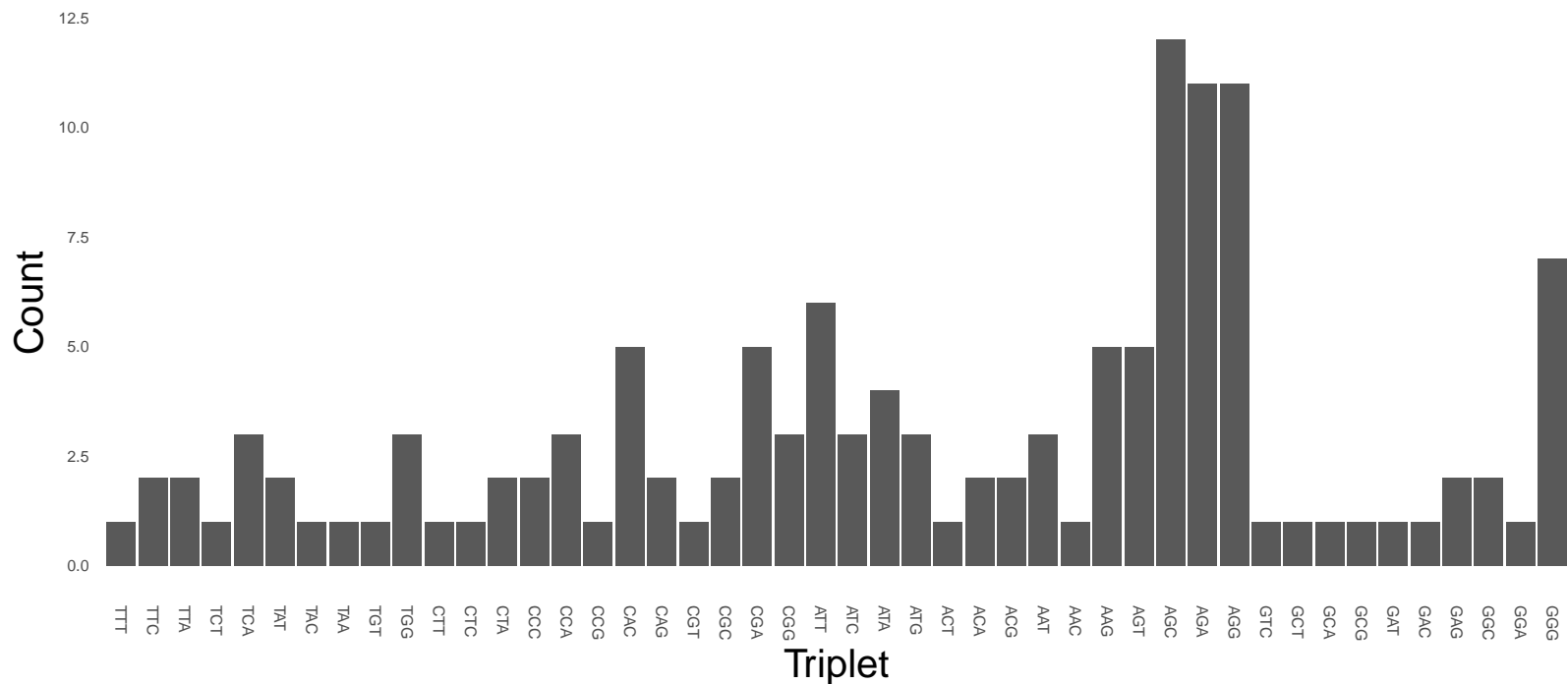Gene TRBV7−7*ap01_C315T

Gene TRBV7−1*ap01_G291C_T296C

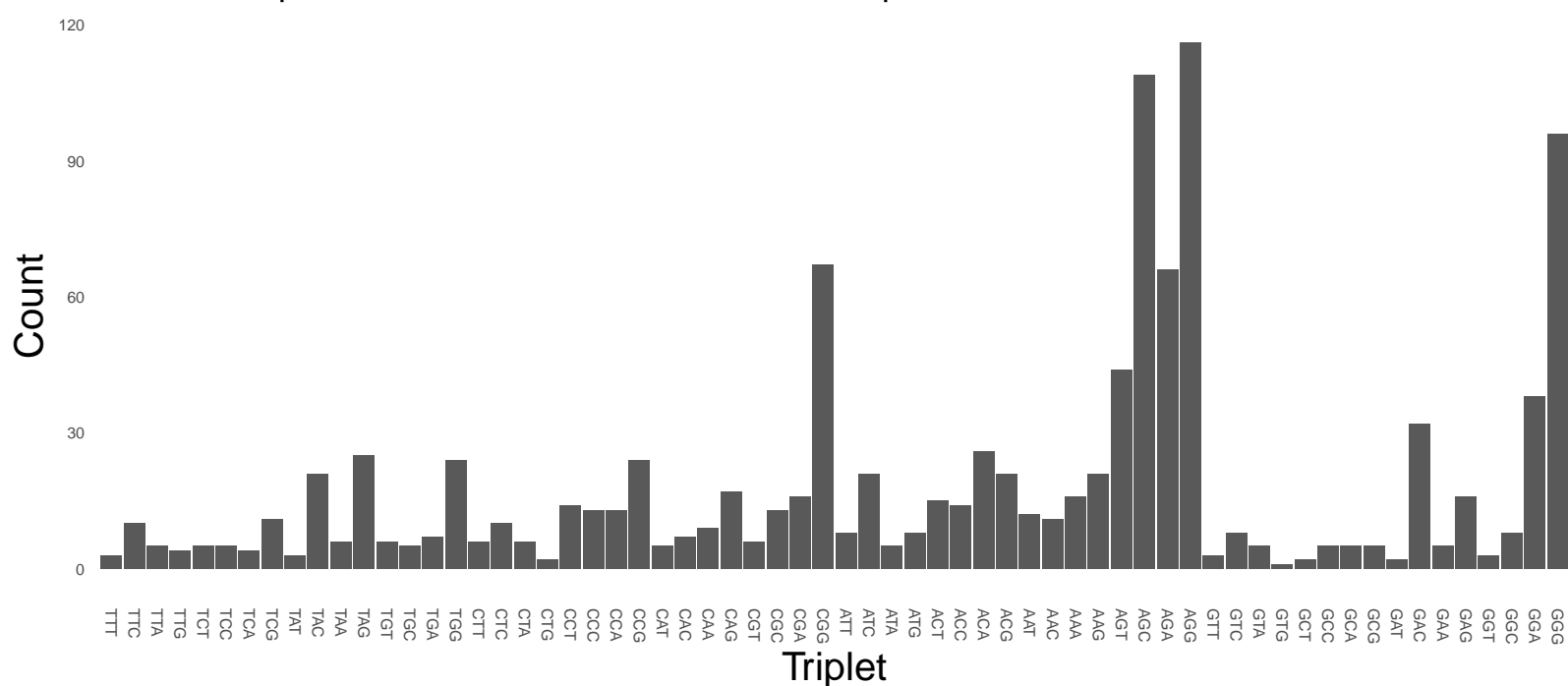Gene TRBV7−7*ap01_C315T

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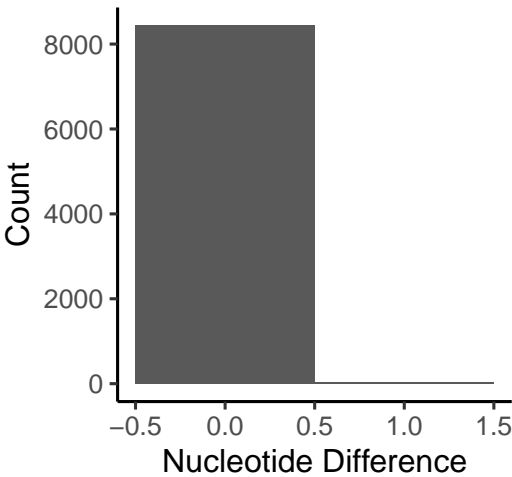

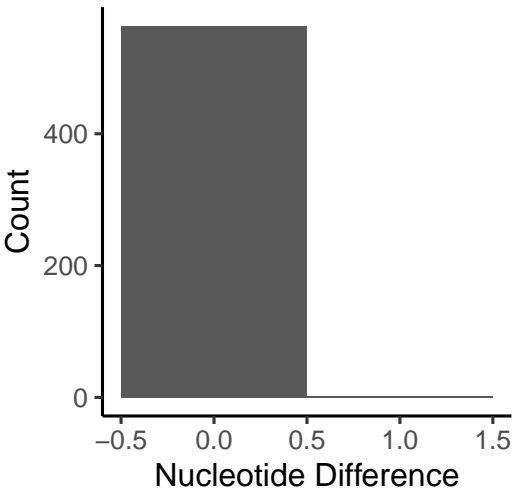## TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet

TRBV20−1*ap01

8481 sequences assigned
8440 (99.5%) exact matches, in which:
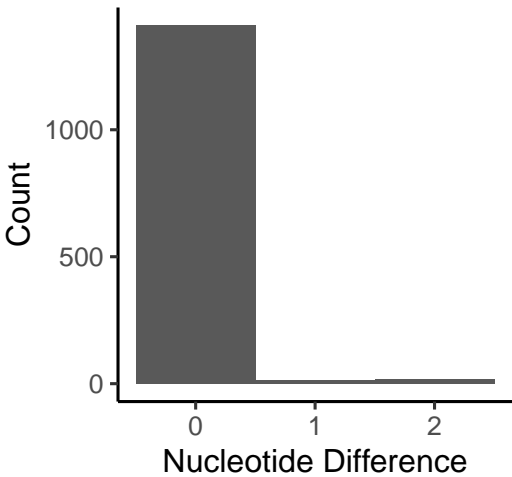8391 unique CDR3
14 unique J

TRBV10−2*ap01

566 sequences assigned
564 (99.6%) exact matches, in which:
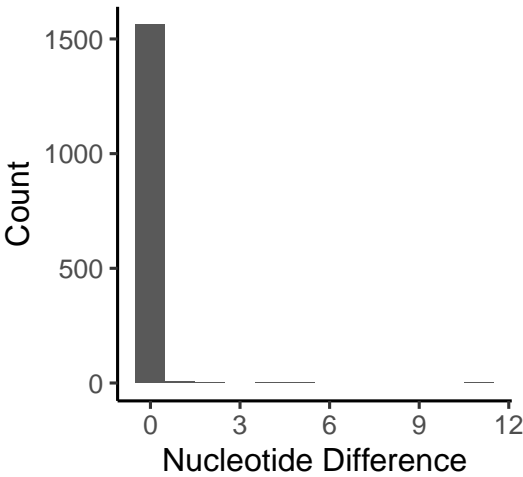560 unique CDR3
14 unique J

TRBV13*ap01

1443 sequences assigned
1411 (97.8%) exact matches, in which:
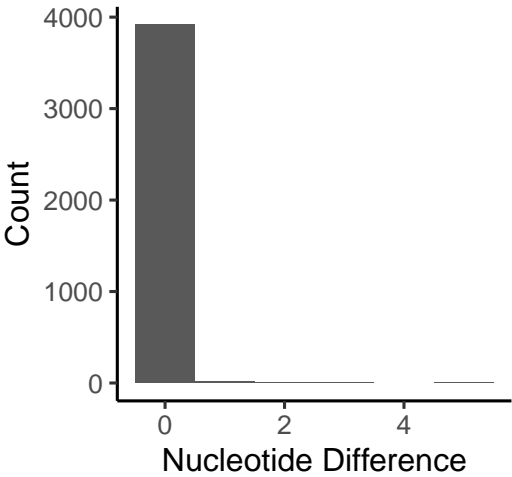1387 unique CDR3
14 unique J

TRBV10−1*ap01

1574 sequences assigned
1562 (99.2%) exact matches, in which:
1558 unique CDR3
14 unique J

TRBV10−3*ap01

3944 sequences assigned
3917 (99.3%) exact matches, in which:
3887 unique CDR3
14 unique J

TRBV14*ap01

2964 sequences assigned
2950 (99.5%) exact matches, in which:
2939 unique CDR3
15 unique J

TRBV20−1*ap02

1435 sequences assigned
1428 (99.5%) exact matches, in which:
1422 unique CDR3
14 unique J

TRBV1*ap01

420 sequences assigned
418 (99.5%) exact matches, in which:
408 unique CDR3
14 unique J

TRBV15*ap02

3894 sequences assigned
3876 (99.5%) exact matches, in which:
3846 unique CDR3
14 unique J

TRBV16*ap01

171 sequences assigned
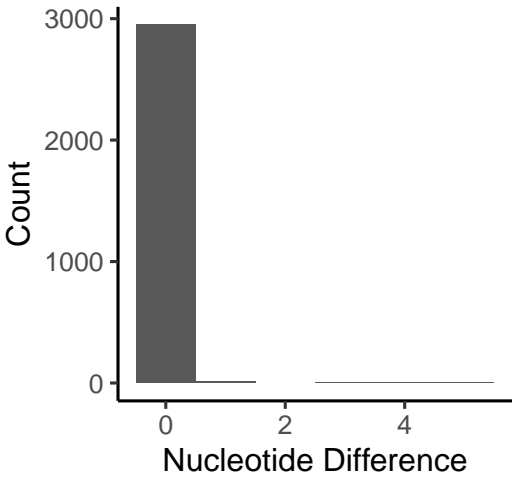170 (99.4%) exact matches, in which:
168 unique CDR3
12 unique J

TRBV19*ap01

13181 sequences assigned
13111 (99.5%) exact matches, in which:
13066 unique CDR3
14 unique J

TRBV28*ap01

12251 sequences assigned
12197 (99.6%) exact matches, in which:
12132 unique CDR3
14 unique J

TRBV17*ap01

13 sequences assigned
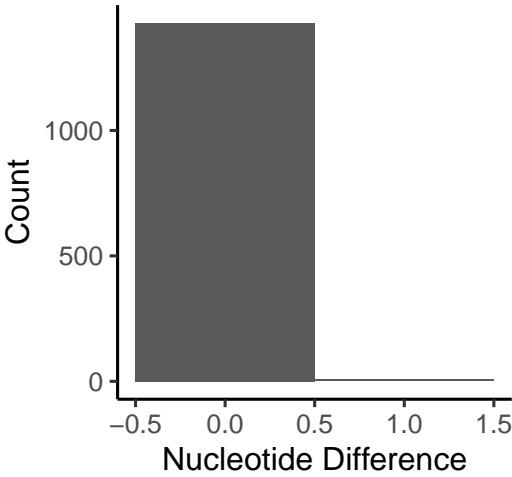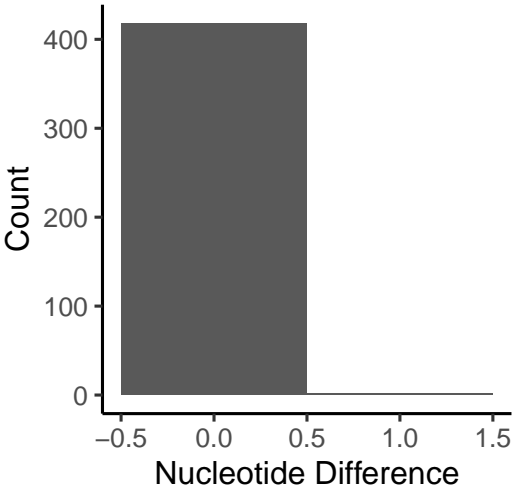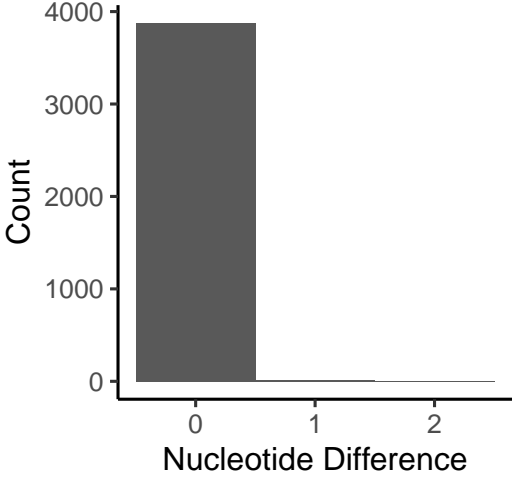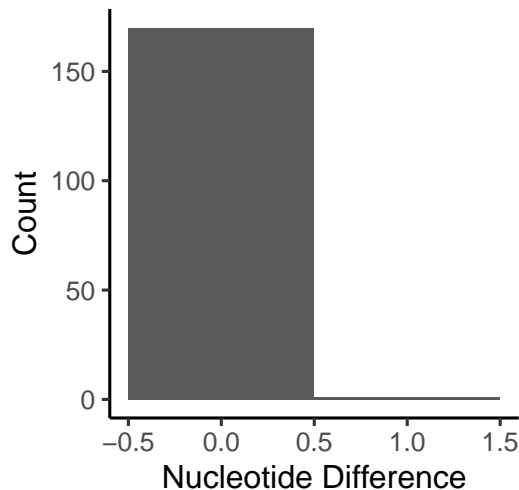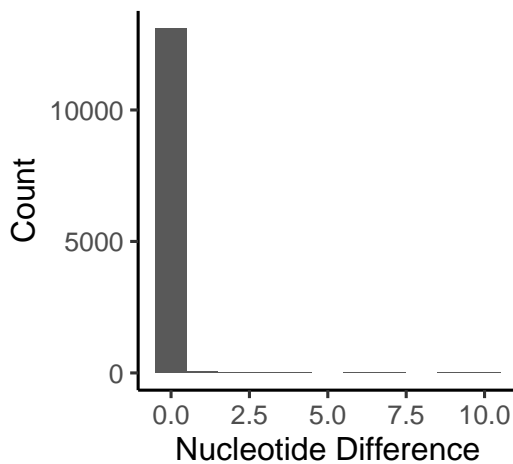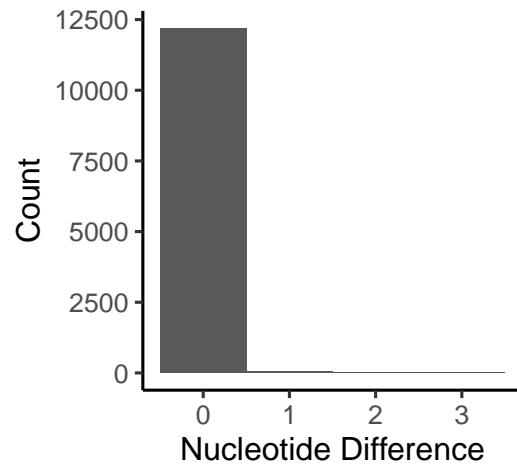12 (92.3%) exact matches, in which:
12 unique CDR3
5 unique J

TRBV2*ap01

5692 sequences assigned
5660 (99.4%) exact matches, in which:
5611 unique CDR3
14 unique J

TRBV30*ap01

4771 sequences assigned
4703 (98.6%) exact matches, in which:
4608 unique CDR3
14 unique J

TRBV18*ap01

5291 sequences assigned
5277 (99.7%) exact matches, in which:
5258 unique CDR3
14 unique J

TRBV27*ap01

10500 sequences assigned
10439 (99.4%) exact matches, in which:
10351 unique CDR3
14 unique J

TRBV30*ap02

3866 sequences assigned
3815 (98.7%) exact matches, in which:
3776 unique CDR3
14 unique J

TRBV9*ap01

9342 sequences assigned
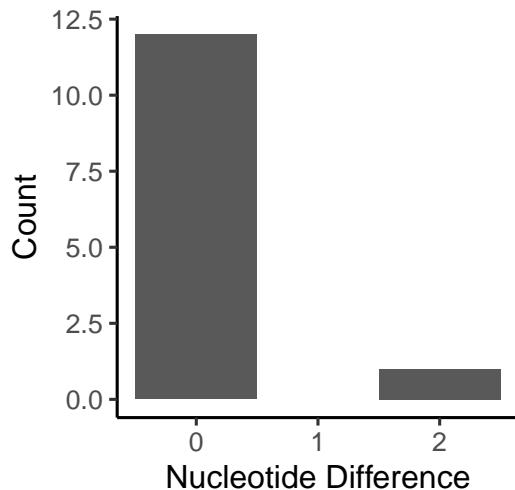9292 (99.5%) exact matches, in which:
9236 unique CDR3
14 unique J

TRBV11−2*ap01

2529 sequences assigned
2518 (99.6%) exact matches, in which:
2508 unique CDR3
14 unique J

TRBV12−2*ap01

488 sequences assigned
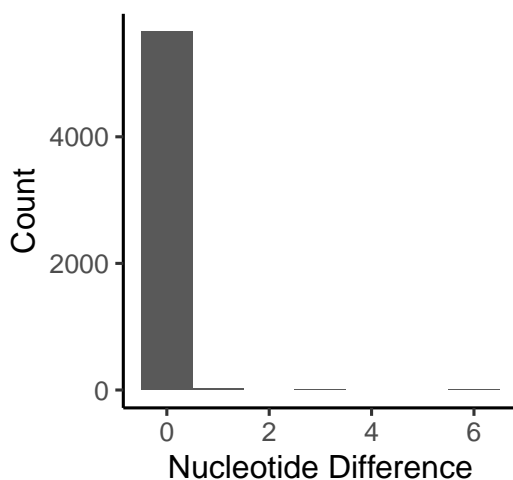481 (98.6%) exact matches, in which:
480 unique CDR3
14 unique J

TRBV21−1*ap01

3756 sequences assigned
3714 (98.9%) exact matches, in which:
3696 unique CDR3
14 unique J

TRBV11−3*ap01

2711 sequences assigned
2699 (99.6%) exact matches, in which:
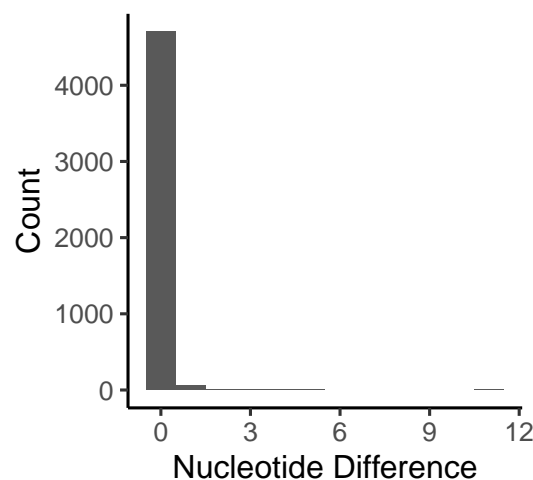2696 unique CDR3
14 unique J

TRBV12−5*ap01

1510 sequences assigned
1503 (99.5%) exact matches, in which:
1493 unique CDR3
14 unique J

TRBV11−1*ap01

592 sequences assigned
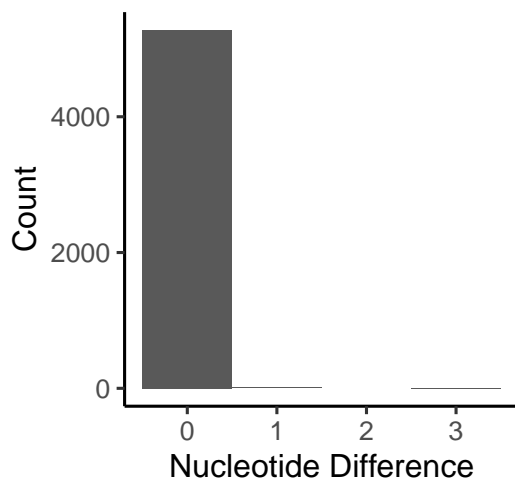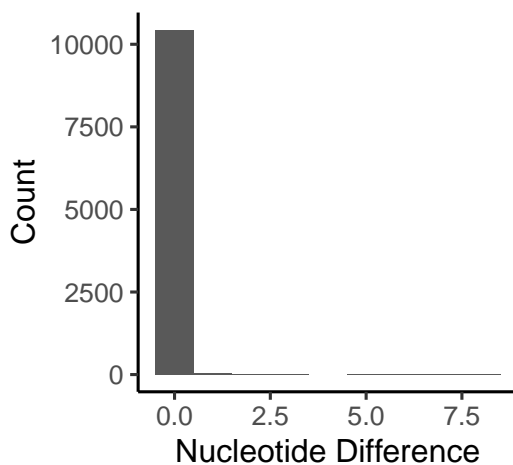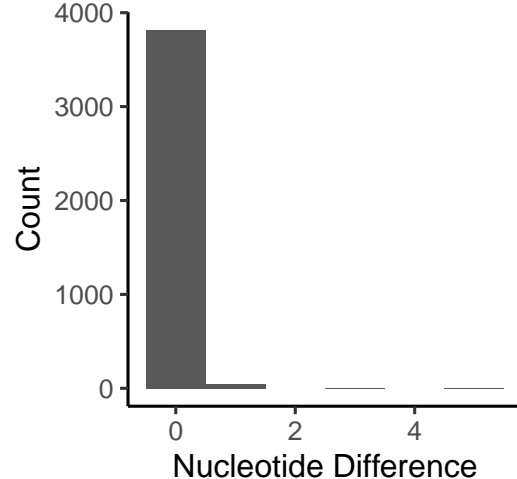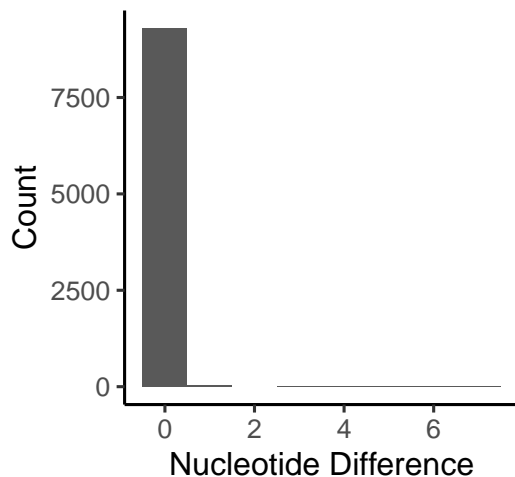589 (99.5%) exact matches, in which:
588 unique CDR3
14 unique J

TRBV12−1*ap01

213 sequences assigned
212 (99.5%) exact matches, in which:
211 unique CDR3
13 unique J

TRBV12−34*ap01

9929 sequences assigned
9880 (99.5%) exact matches, in which:
9796 unique CDR3
15 unique J

TRBV23−1*ap01

1455 sequences assigned
1447 (99.5%) exact matches, in which:
1438 unique CDR3
14 unique J

TRBV24−1*ap01

8107 sequences assigned
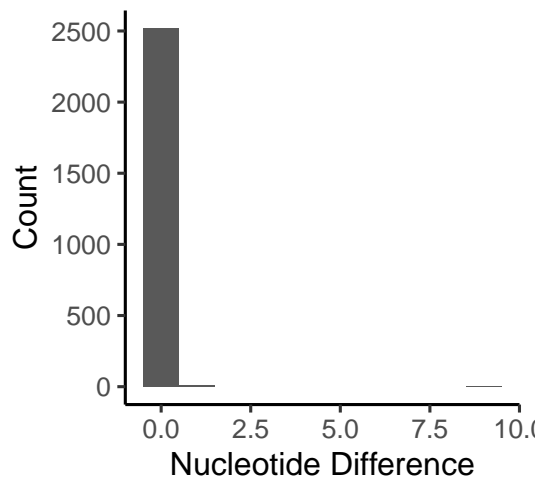8047 (99.3%) exact matches, in which:
7984 unique CDR3
14 unique J

TRBV5−1*ap01

13096 sequences assigned
13009 (99.3%) exact matches, in which:
12853 unique CDR3
14 unique J

TRBV3−12*ap01

5262 sequences assigned
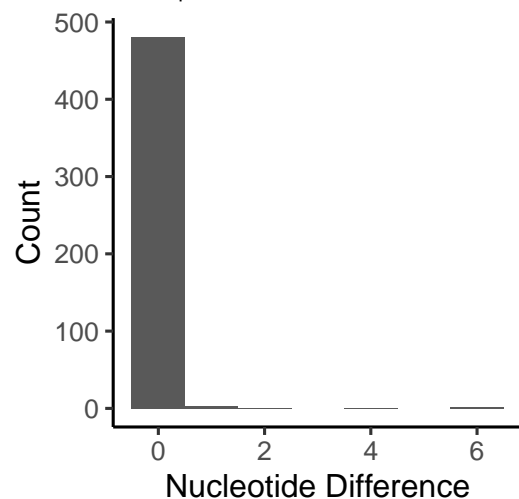5234 (99.5%) exact matches, in which:
5213 unique CDR3
14 unique J

TRBV4−2*ap01

3906 sequences assigned
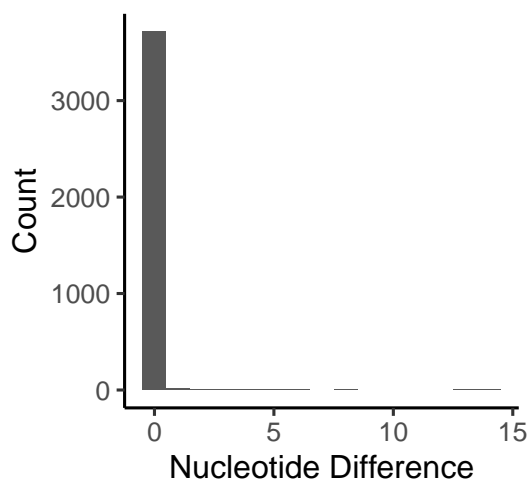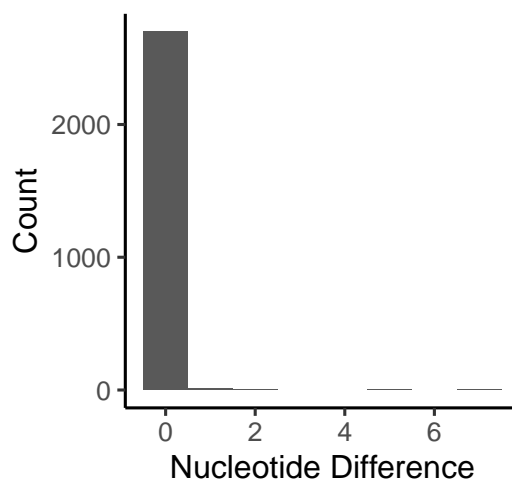3868 (99%) exact matches, in which:
3839 unique CDR3
14 unique J

TRBV25−1*ap01

3368 sequences assigned
3336 (99%) exact matches, in which:
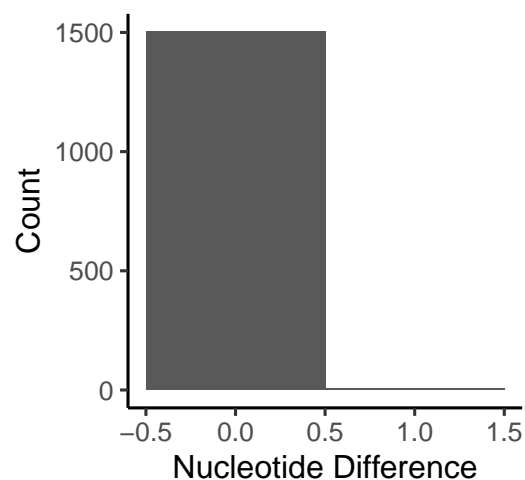3294 unique CDR3
14 unique J

TRBV4−1*ap01

3985 sequences assigned
3952 (99.2%) exact matches, in which:
3921 unique CDR3
14 unique J

TRBV4−3*ap01

6366 sequences assigned
6325 (99.4%) exact matches, in which:
6254 unique CDR3
14 unique J

TRBV5−3*ap01

707 sequences assigned
702 (99.3%) exact matches, in which:
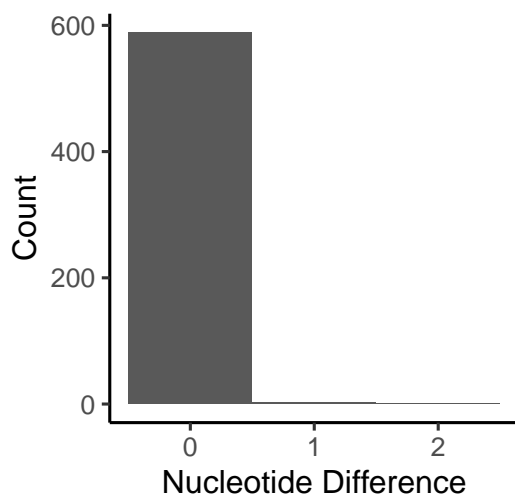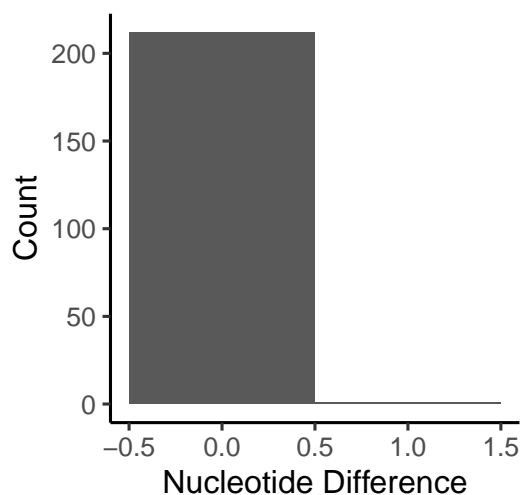694 unique CDR3
14 unique J

TRBV5−4*ap01

6032 sequences assigned
5994 (99.4%) exact matches, in which:
5945 unique CDR3
14 unique J

TRBV5−7*ap01

123 sequences assigned
122 (99.2%) exact matches, in which:
119 unique CDR3
14 unique J

TRBV6−4*ap01

2805 sequences assigned
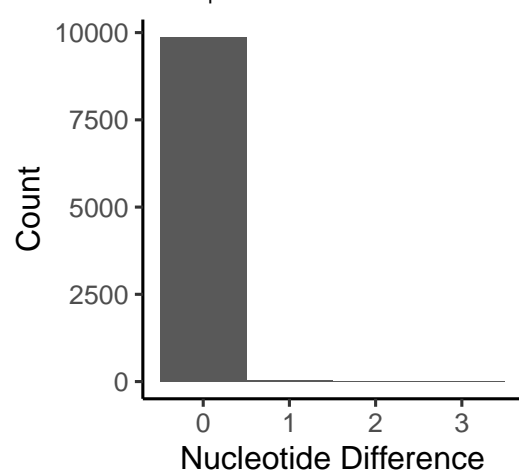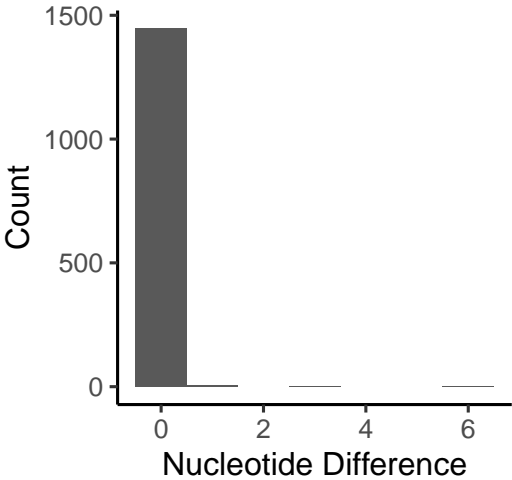2778 (99%) exact matches, in which:
2755 unique CDR3
14 unique J

TRBV5−5*ap01

1066 sequences assigned
1065 (99.9%) exact matches, in which:
1063 unique CDR3
14 unique J

TRBV5−8*ap01

1372 sequences assigned
1362 (99.3%) exact matches, in which:
1354 unique CDR3
14 unique J

TRBV6−7*ap01

347 sequences assigned
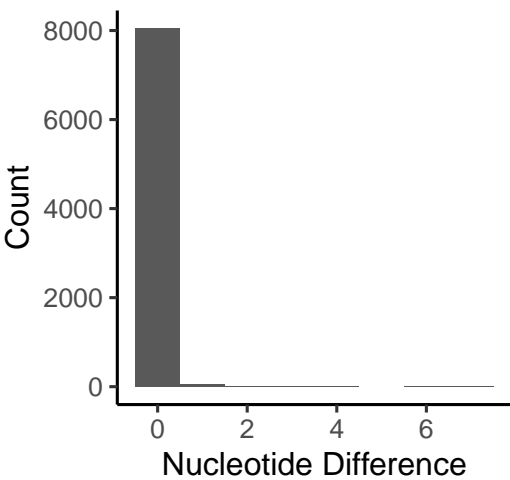342 (98.6%) exact matches, in which:
336 unique CDR3
14 unique J

TRBV5−6*ap01

4866 sequences assigned
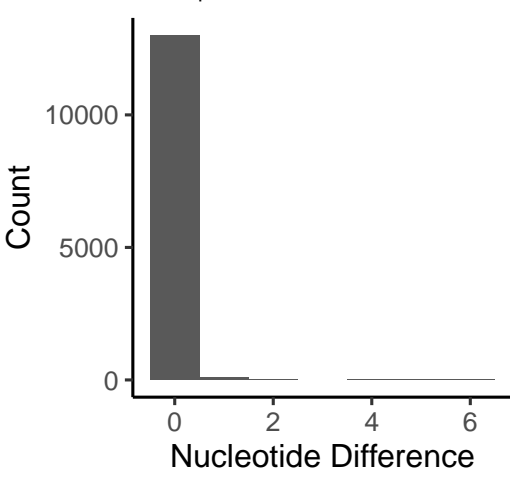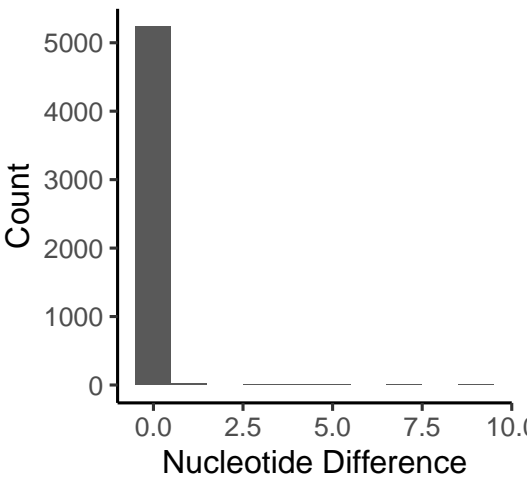4817 (99%) exact matches, in which:
4737 unique CDR3
14 unique J

TRBV6−1*ap01

4647 sequences assigned
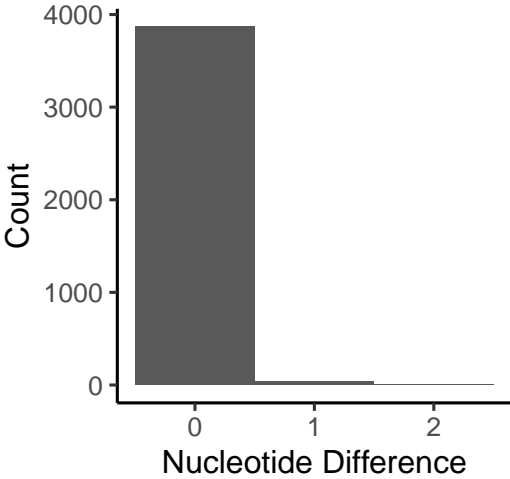4372 (94.1%) exact matches, in which:
4318 unique CDR3
14 unique J

TRBV6−8*ap01

154 sequences assigned
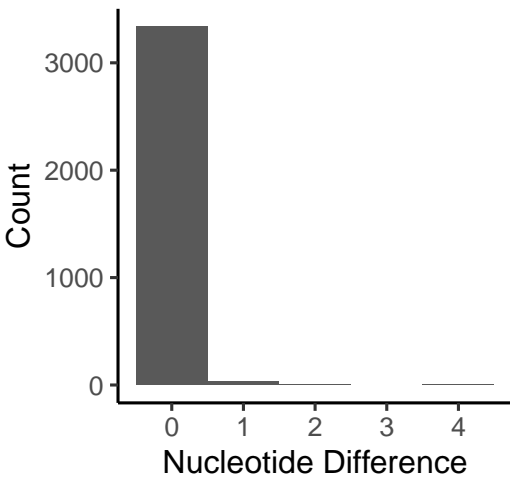152 (98.7%) exact matches, in which:
150 unique CDR3
14 unique J

TRBV6−9*ap01
216 sequences assigned
125 (57.9%) exact matches, in which:
120 unique CDR3
13 unique J

TRBV6−56*ap02
2977 sequences assigned
2585 (86.8%) exact matches, in which:
2550 unique CDR3
14 unique J

TRBV7−3*ap01
5148 sequences assigned
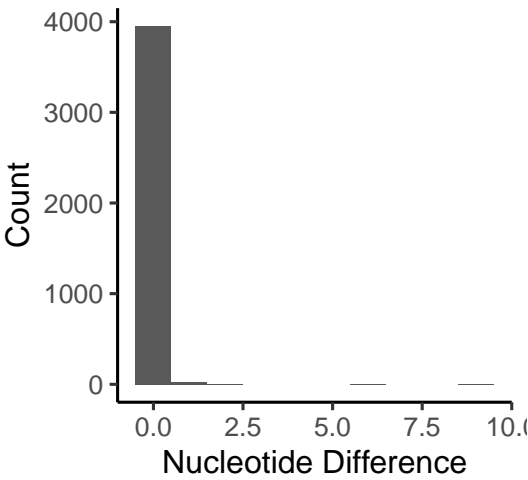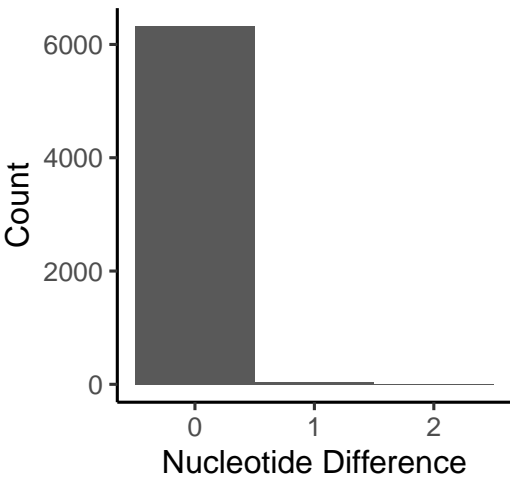5120 (99.5%) exact matches, in which:
5096 unique CDR3
14 unique J

TRBV6−23*ap01
11529 sequences assigned
11419 (99%) exact matches, in which:
11197 unique CDR3
14 unique J
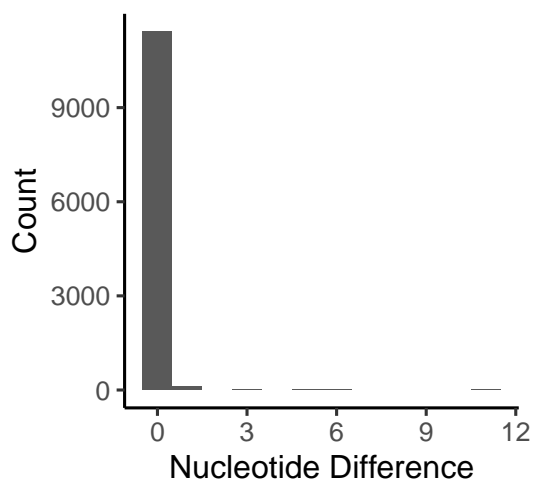
TRBV7−1*ap01_G291C_
132 sequences assigned
129 (97.7%) exact matches, in which:
128 unique CDR3
13 unique J

TRBV7−4*ap01
293 sequences assigned
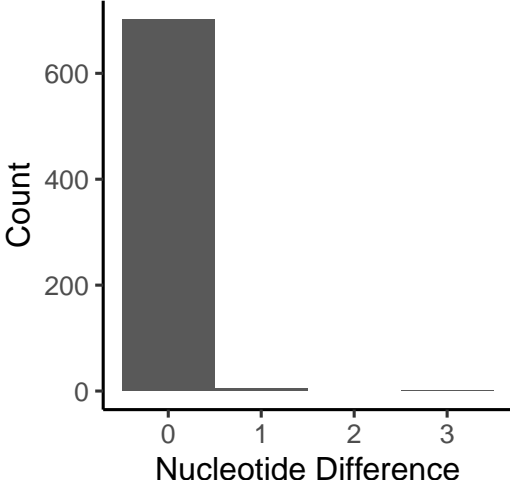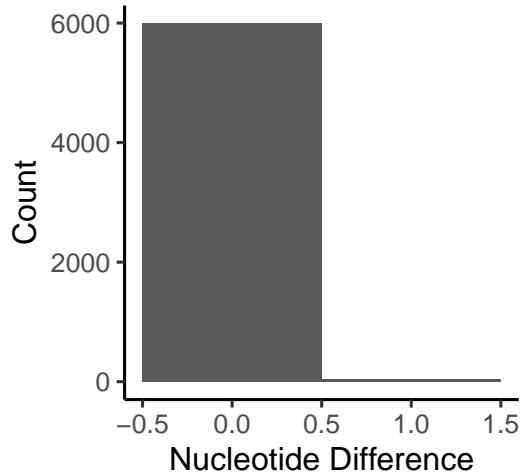292 (99.7%) exact matches, in which:
292 unique CDR3
14 unique J

TRBV6−56*ap01
7599 sequences assigned
7550 (99.4%) exact matches, in which:
7470 unique CDR3
14 unique J

TRBV7−2*ap01
8998 sequences assigned
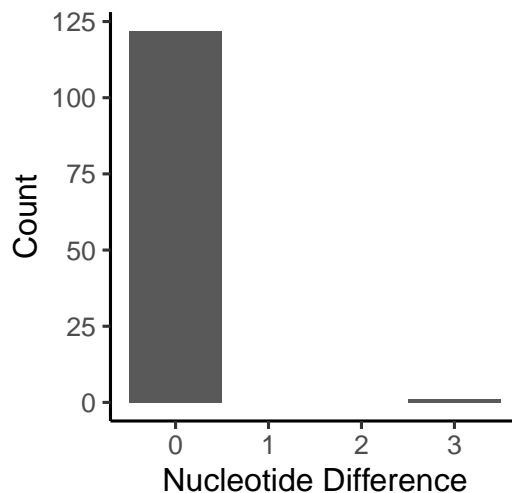8976 (99.8%) exact matches, in which:
8921 unique CDR3
14 unique J

TRBV7−6*ap01
2493 sequences assigned
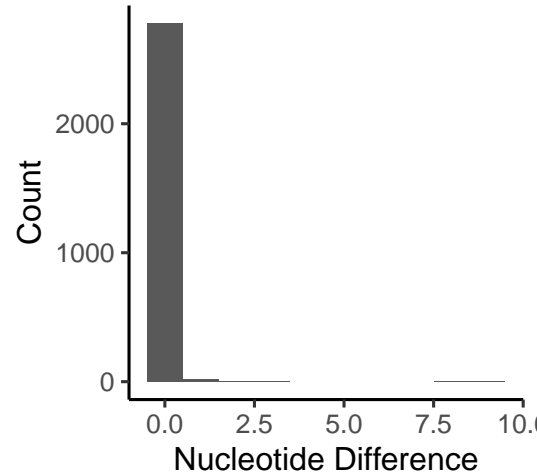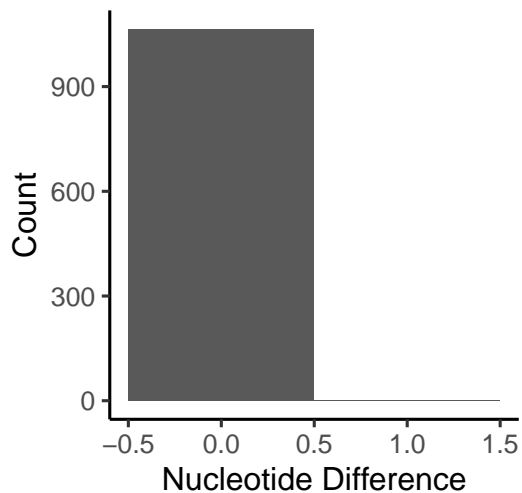2480 (99.5%) exact matches, in which:
2463 unique CDR3
14 unique J
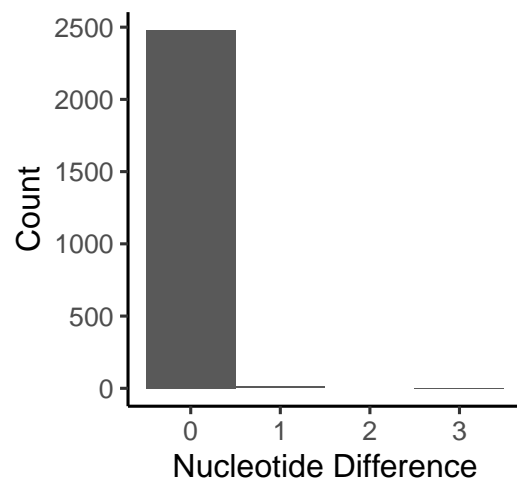
TRBV7−7*ap01_C315T

1119 sequences assigned
1116 (99.7%) exact matches, in which:
1106 unique CDR3
14 unique J

TRBV7−9*ap01

9760 sequences assigned
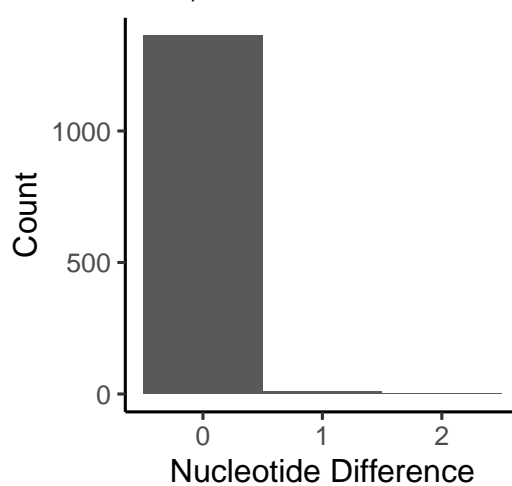9710 (99.5%) exact matches, in which:
9630 unique CDR3
14 unique J

TRBV7−8*ap01

2014 sequences assigned
2004 (99.5%) exact matches, in which:
1989 unique CDR3
14 unique J

TRBV29−1*ap01

6550 sequences assigned
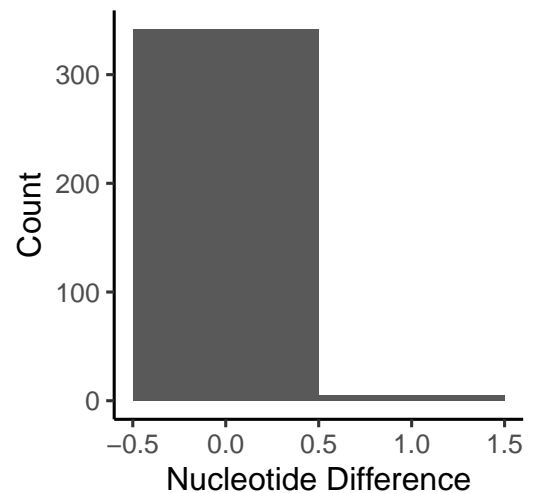6493 (99.1%) exact matches, in which:
6361 unique CDR3
14 unique J

TRBV7−8*ap03

1024 sequences assigned
674 (65.8%) exact matches, in which:
670 unique CDR3
14 unique J

TRBV29−1*ap02

1211 sequences assigned
1202 (99.3%) exact matches, in which:
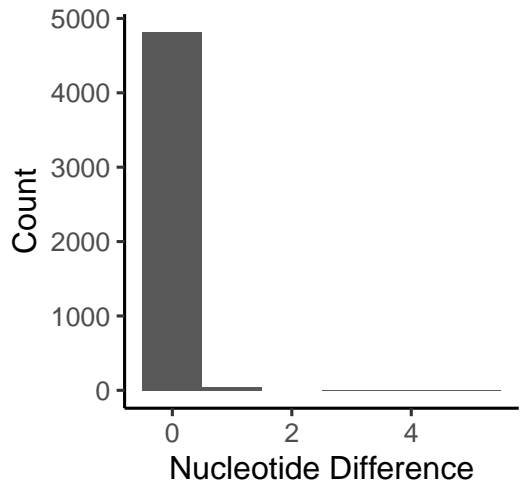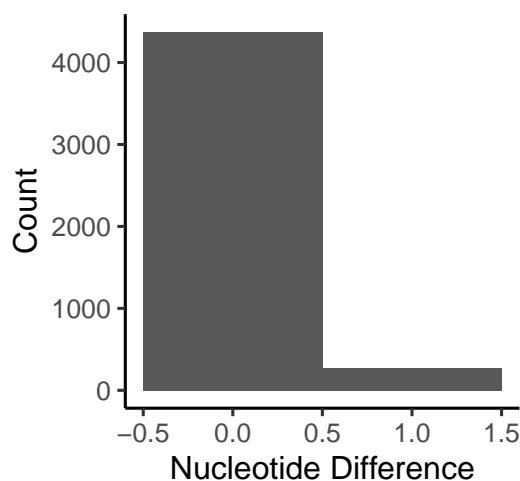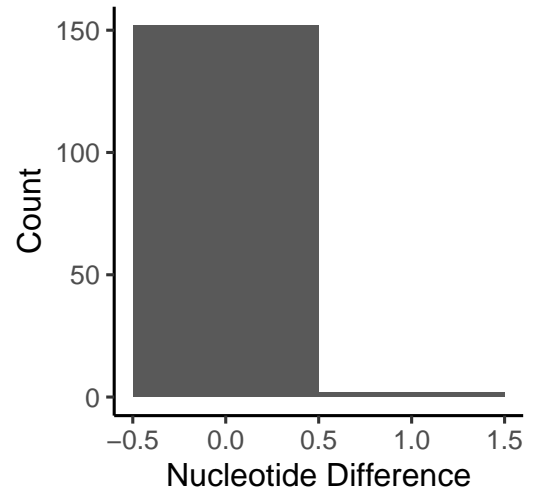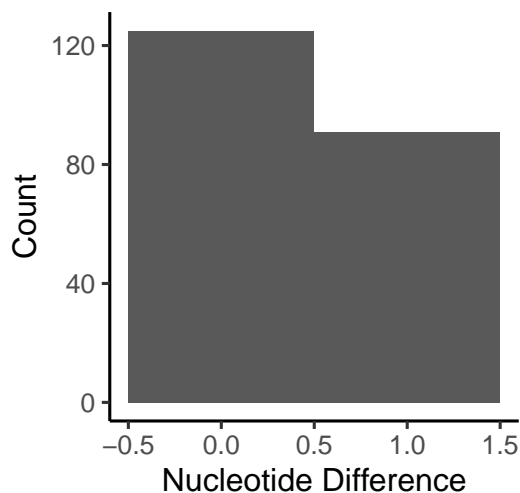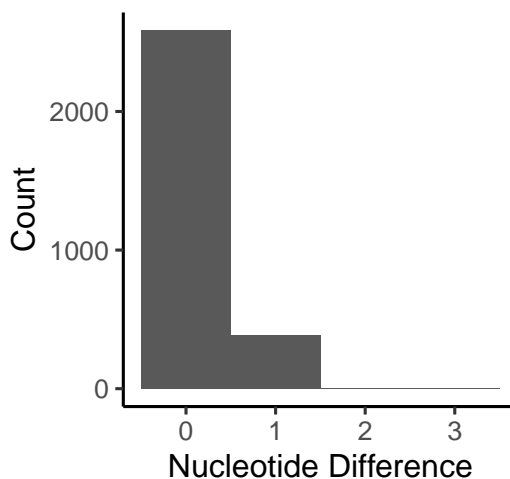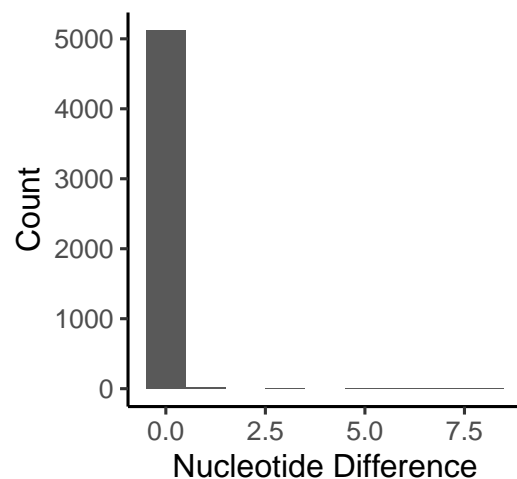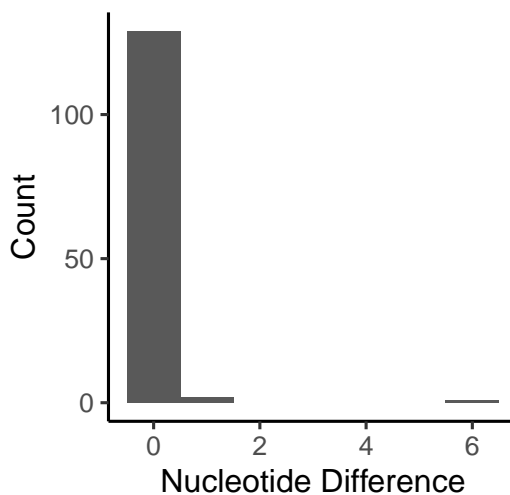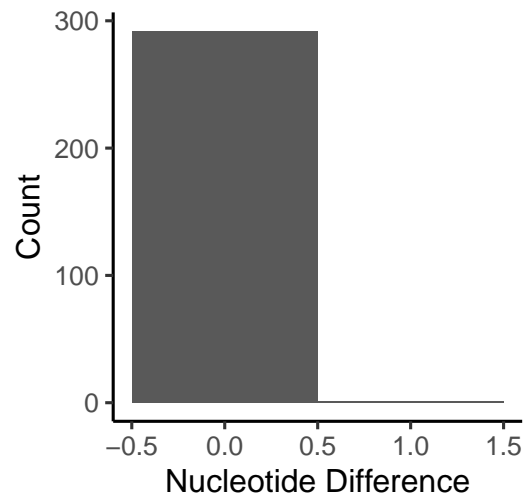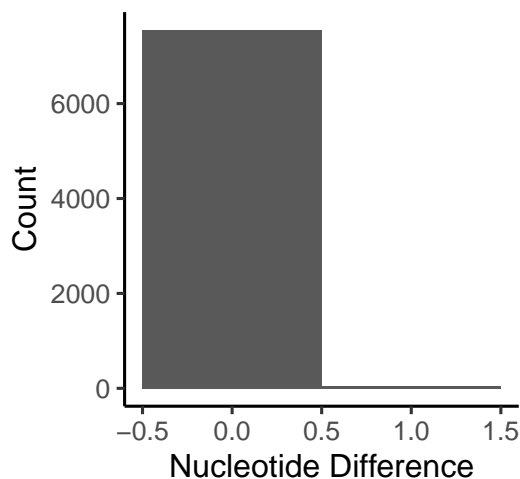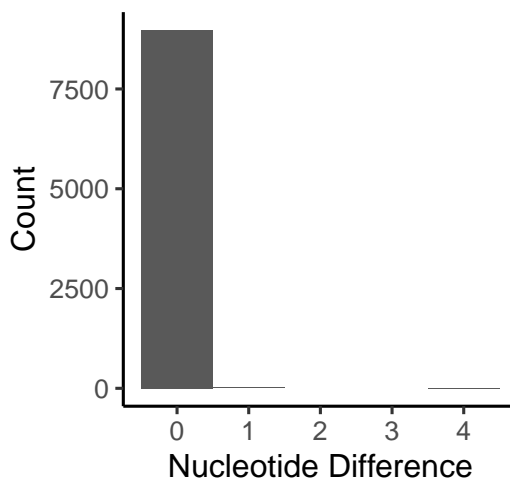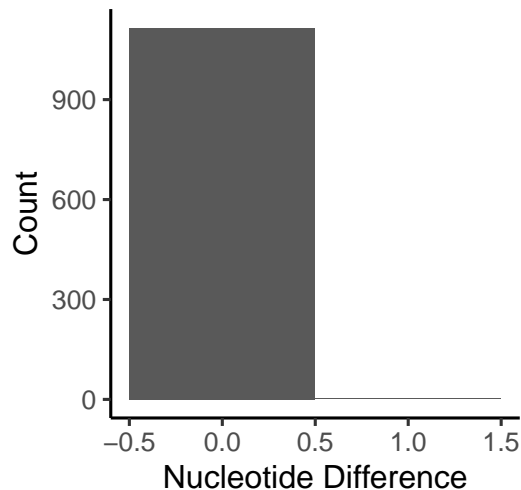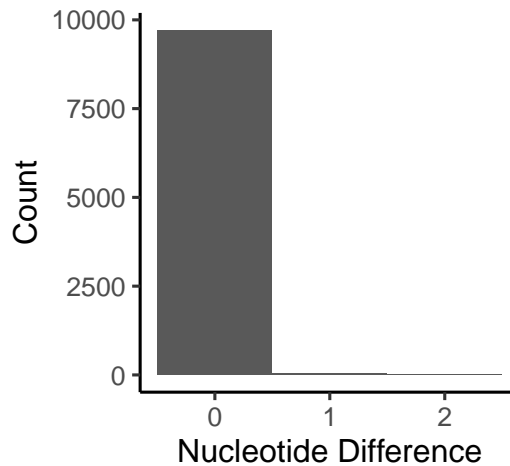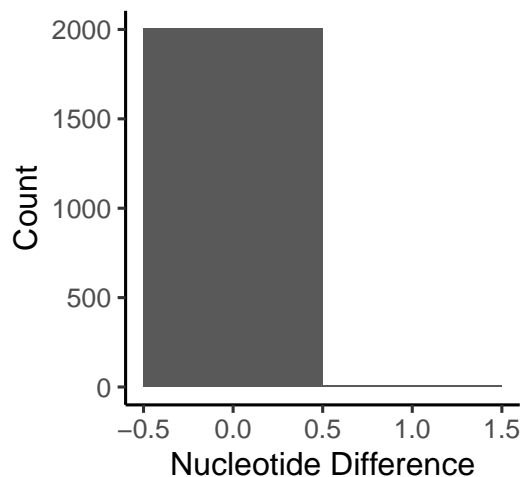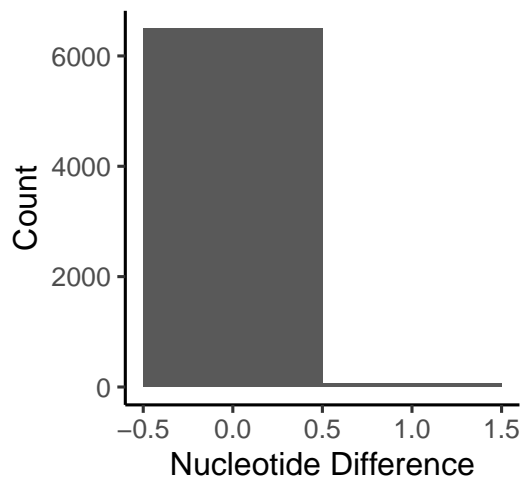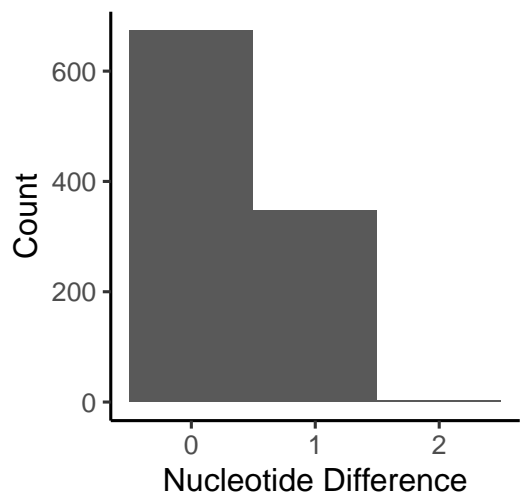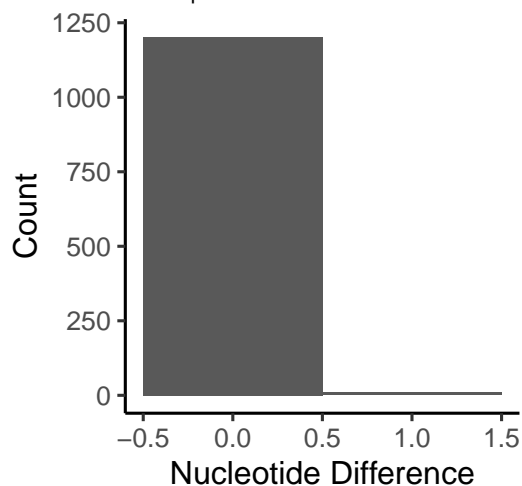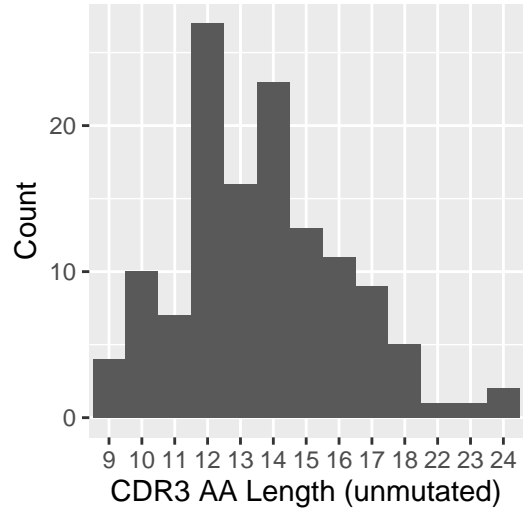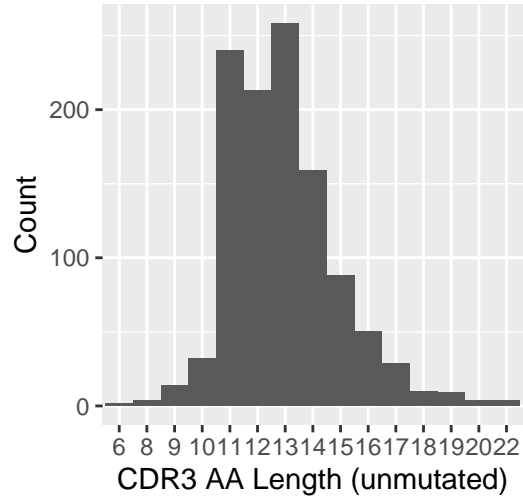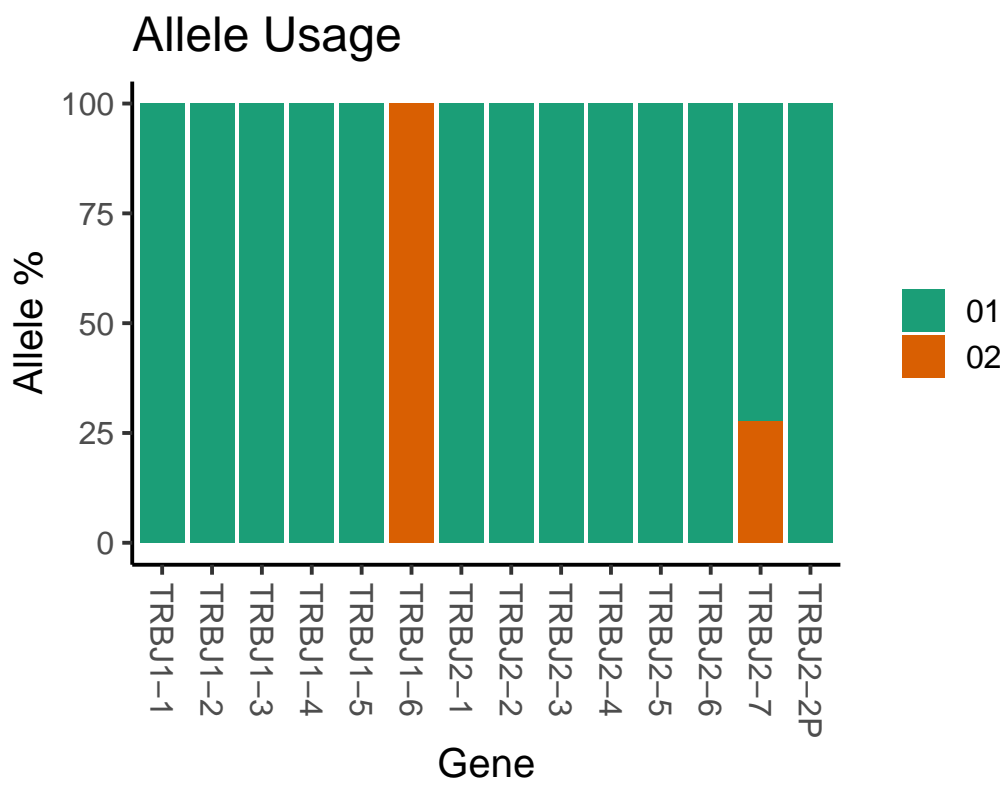1182 unique CDR3
14 unique J

TRBV7−1*ap01_G291C_T296C

CDR3 AA Length (unmutated)

TRBV7−7*ap01_C315T

CDR3 AA Length (unmutated)

Allele Usage

Sequence Count by TRBJ2−7 allele usage

Allele
- 01
- 02

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