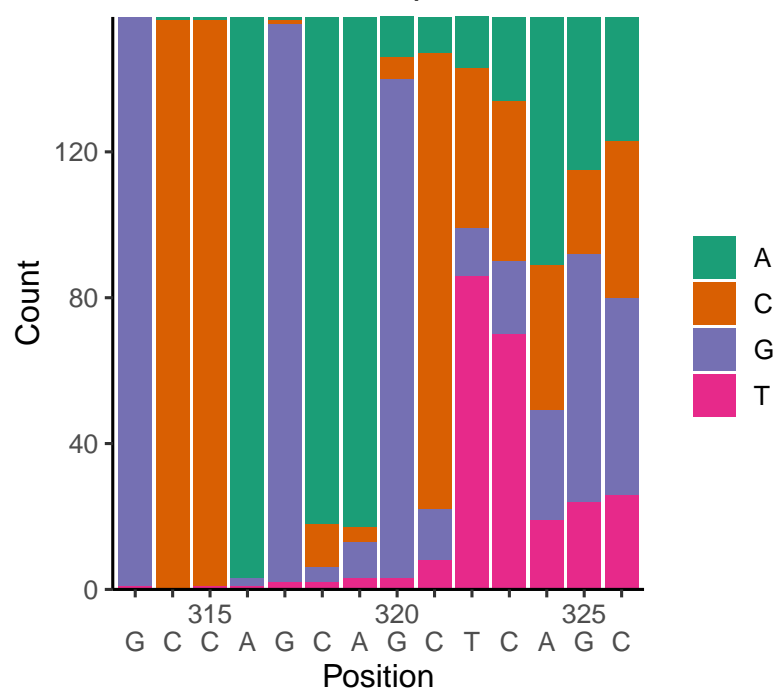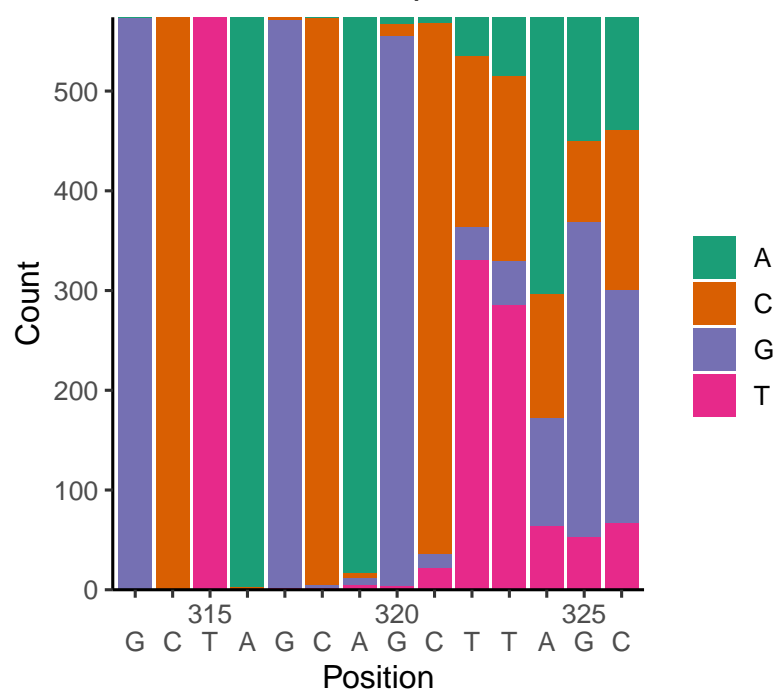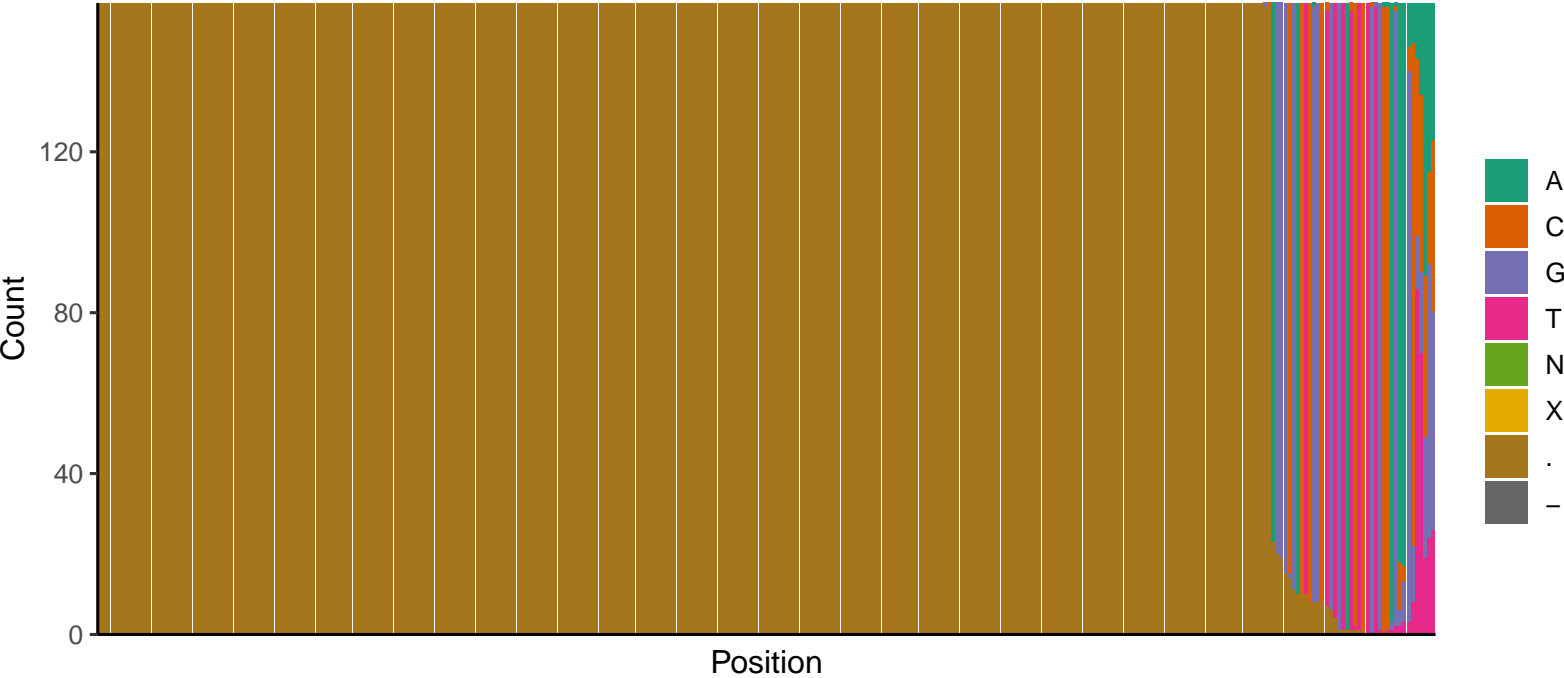Gene TRBV7−1*ap01_G291C_T296C
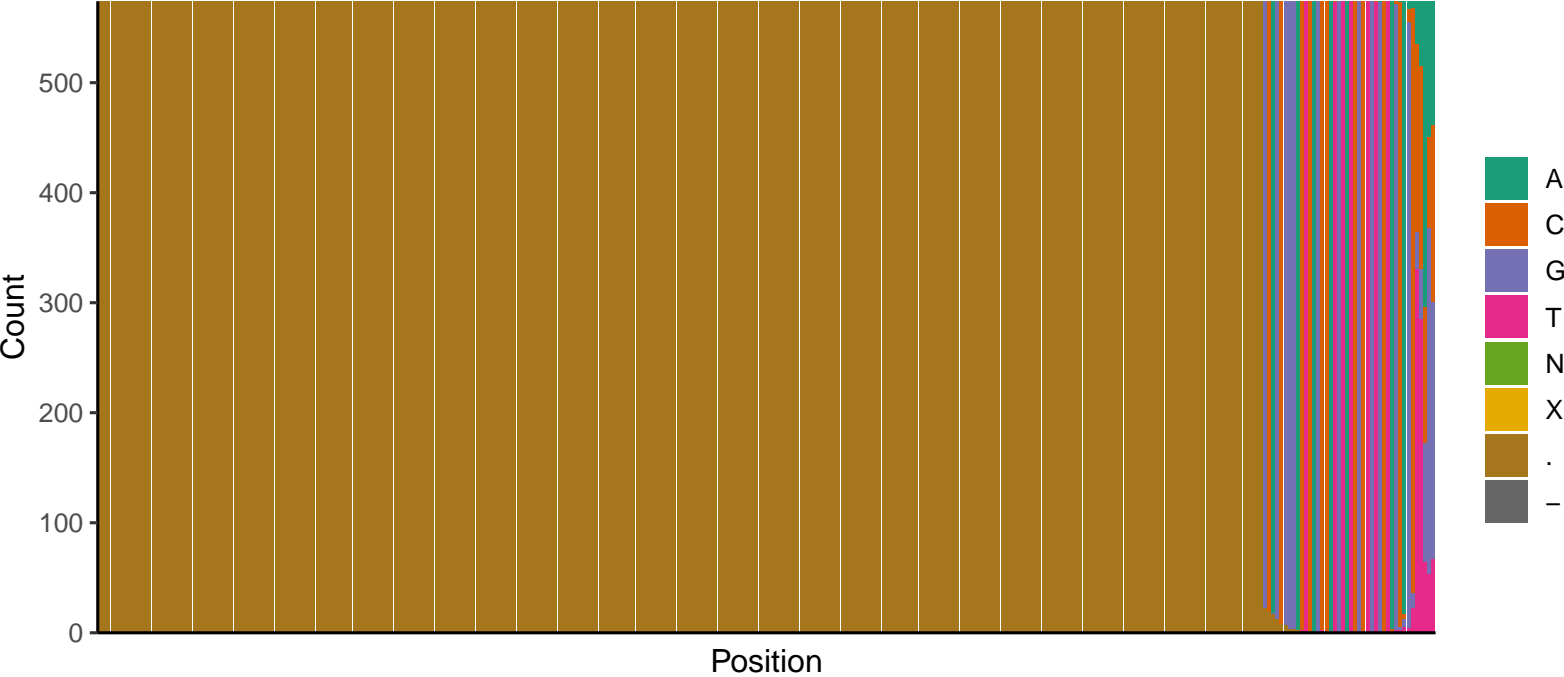
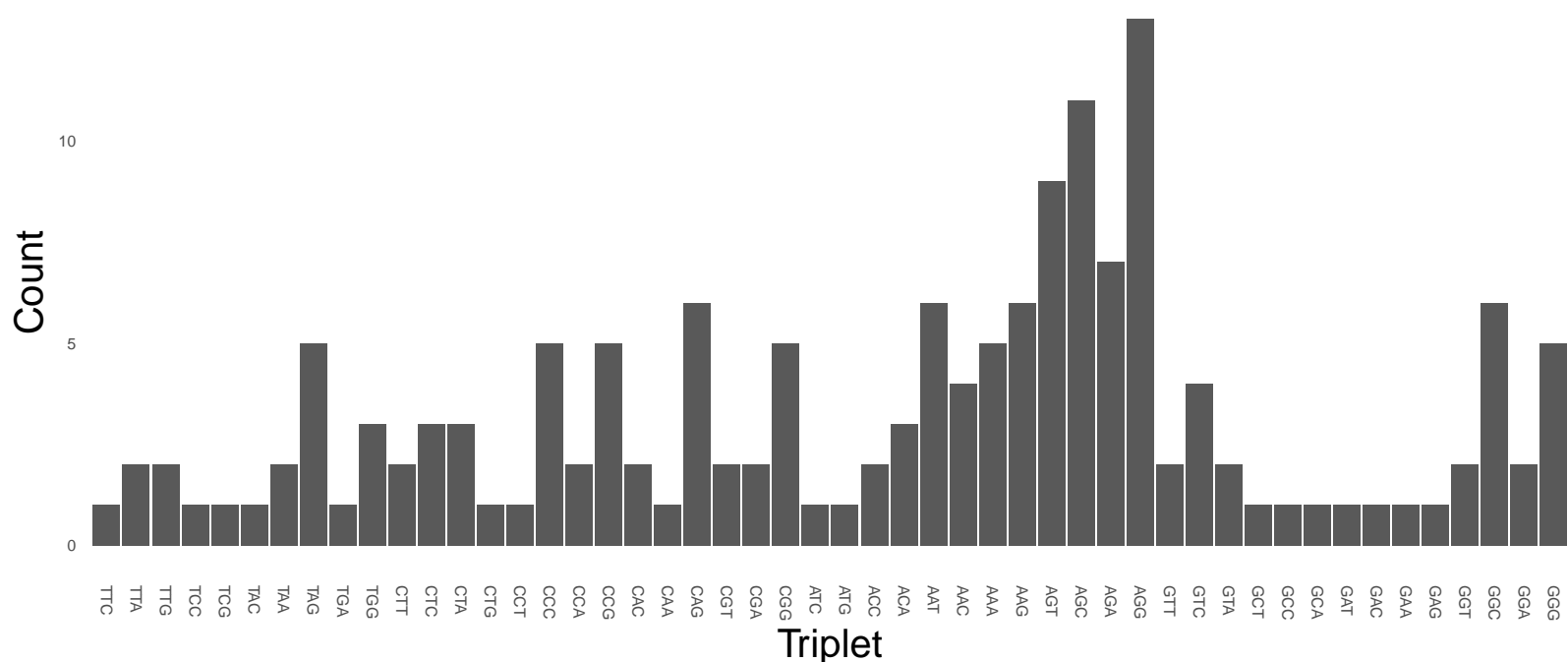Gene TRBV7−7*ap01_C315T

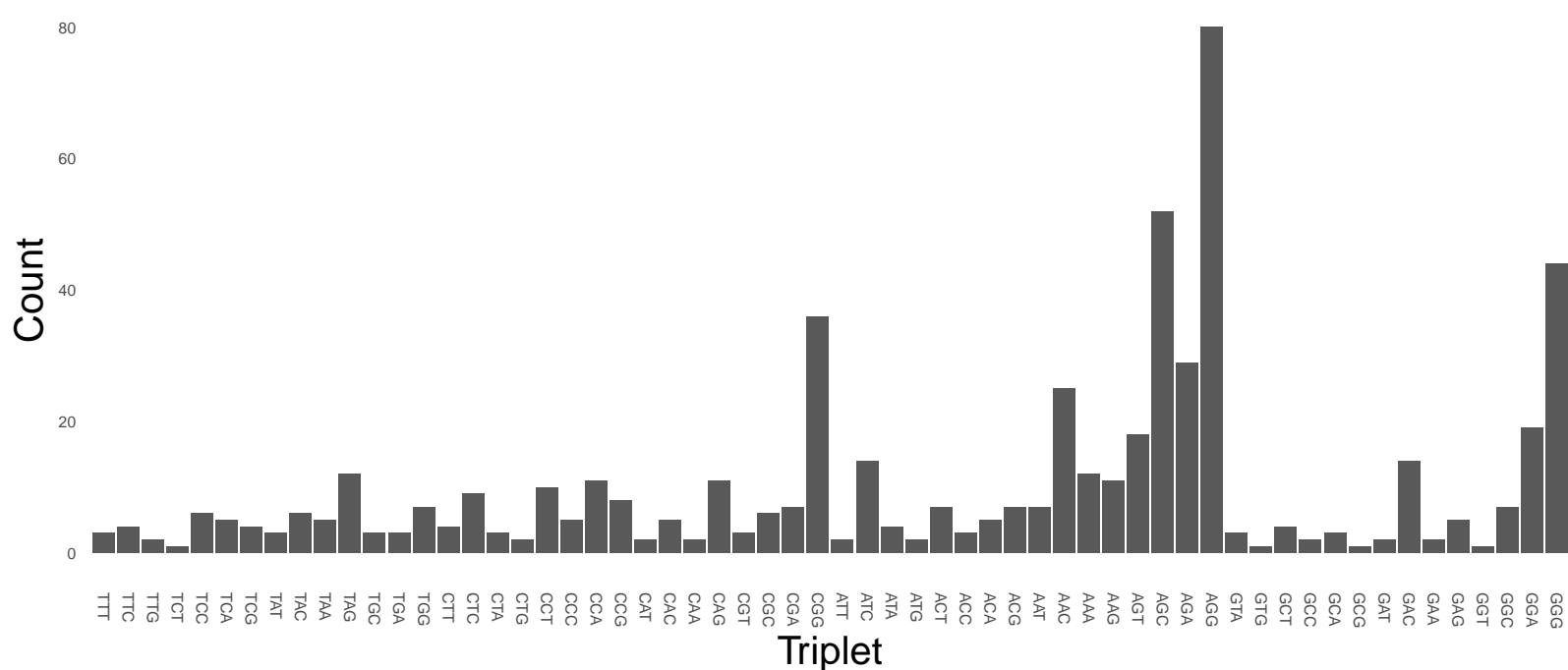Gene TRBV7−1*ap01_G291C_T296C

Gene TRBV7−7*ap01_C315T

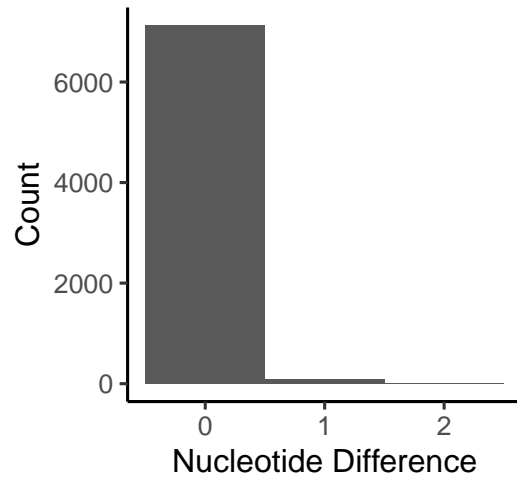TRBV7−1*ap01_G291C_T296C− Final 3 nucleotides as a triplet

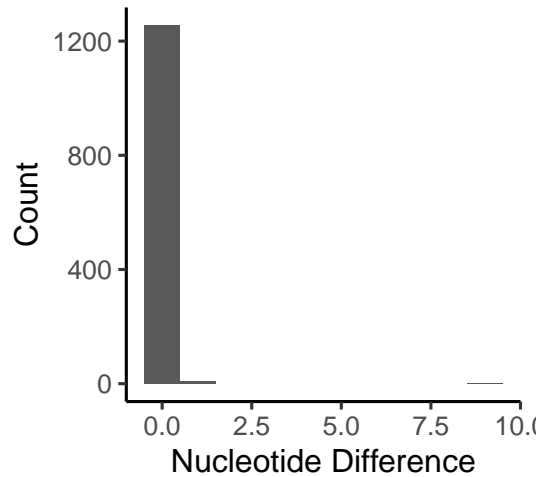TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet

TRBV20−1*ap01

7225 sequences assigned
7126 (98.6%) exact matches, in which:
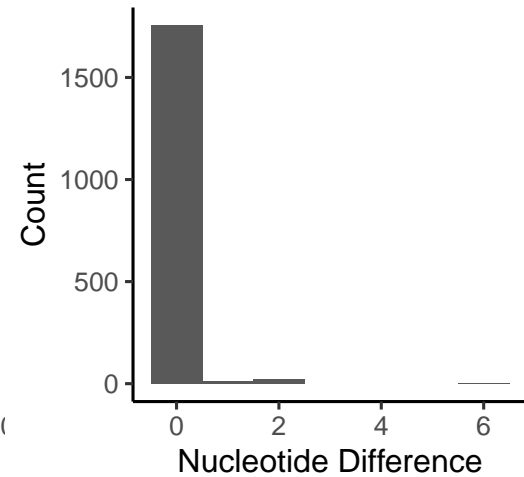6964 unique CDR3
14 unique J

TRBV10−2*ap01

1264 sequences assigned
1255 (99.3%) exact matches, in which:
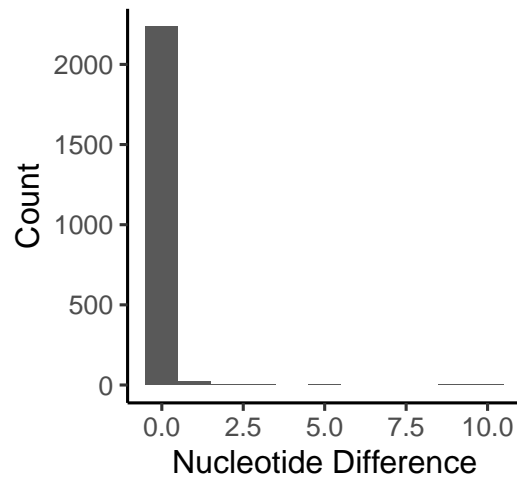1232 unique CDR3
14 unique J

TRBV13*ap01

1790 sequences assigned
1755 (98%) exact matches, in which:
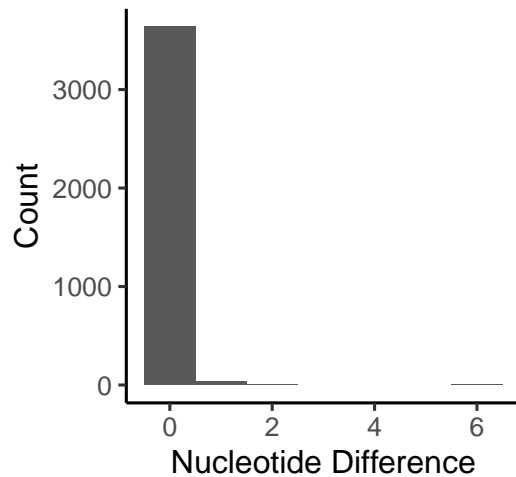1682 unique CDR3
14 unique J

TRBV10−1*ap01

2260 sequences assigned
2235 (98.9%) exact matches, in which:
2163 unique CDR3
14 unique J

TRBV10−3*ap01

3678 sequences assigned
3638 (98.9%) exact matches, in which:
3511 unique CDR3
14 unique J

TRBV14*ap01

2794 sequences assigned
2773 (99.2%) exact matches, in which:
2713 unique CDR3
14 unique J

TRBV20−1*ap02

1165 sequences assigned
1157 (99.3%) exact matches, in which:
1124 unique CDR3
14 unique J

TRBV1*ap01

452 sequences assigned
445 (98.5%) exact matches, in which:
430 unique CDR3
14 unique J

TRBV15*ap02

3155 sequences assigned
3116 (98.8%) exact matches, in which:
3001 unique CDR3
14 unique J

TRBV16*ap01

155 sequences assigned
155 (100%) exact matches, in which:
155 unique CDR3
13 unique J

TRBV2*ap01

7614 sequences assigned
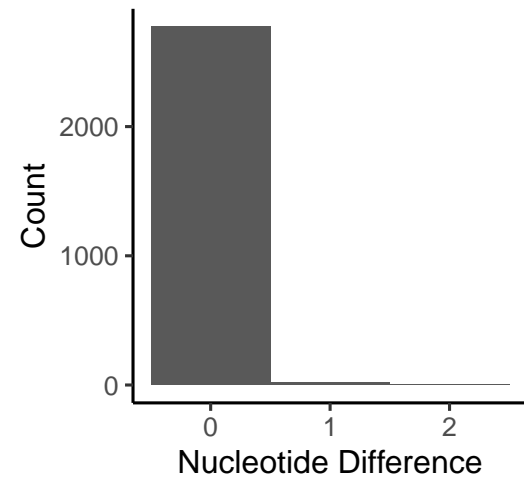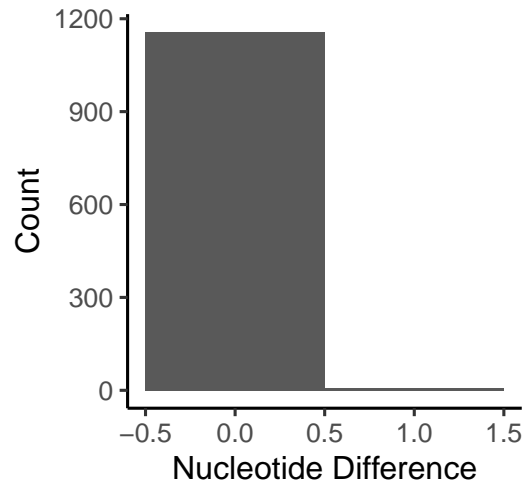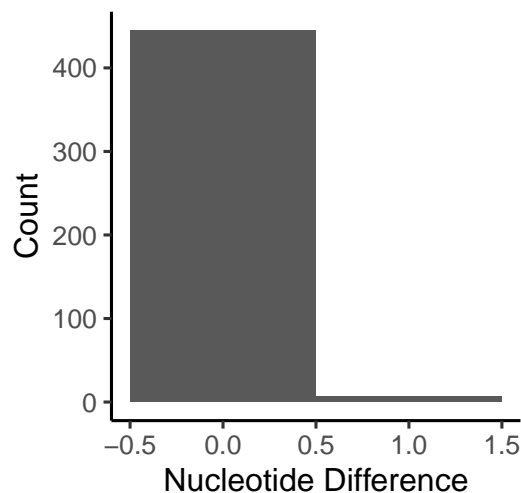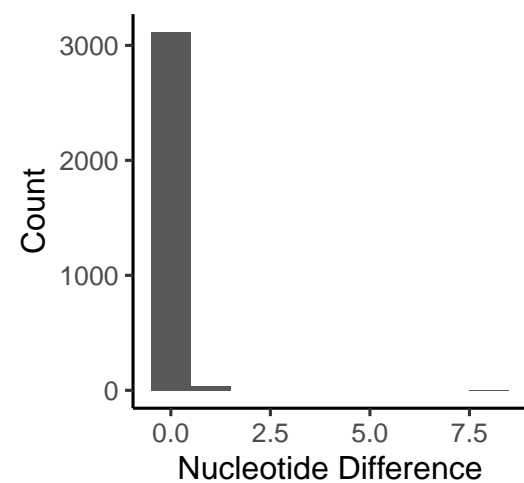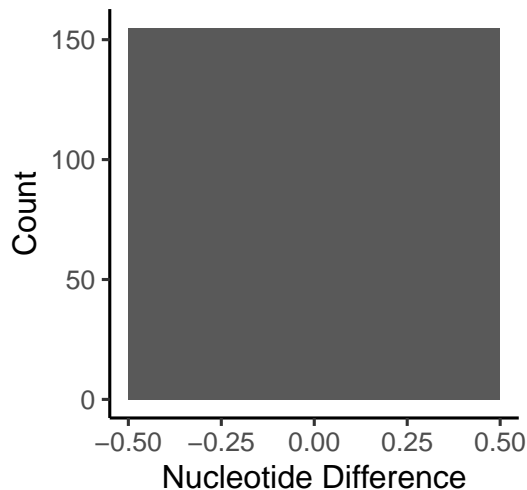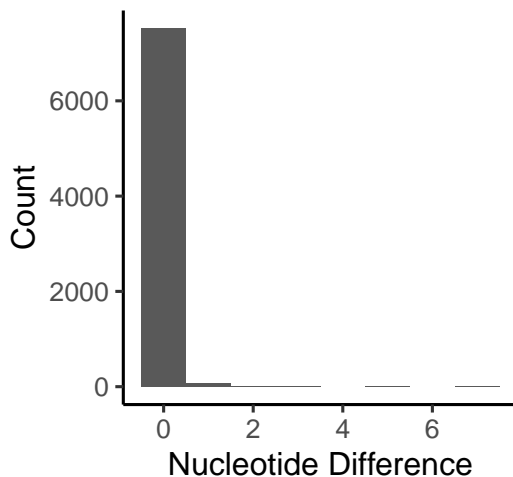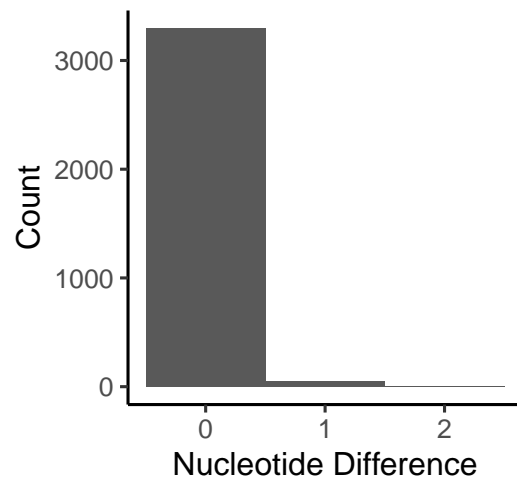7520 (98.8%) exact matches, in which:
7292 unique CDR3
14 unique J

TRBV30*ap01

3348 sequences assigned
3295 (98.4%) exact matches, in which:
3191 unique CDR3
13 unique J

TRBV18*ap01

7742 sequences assigned
7688 (99.3%) exact matches, in which:
7562 unique CDR3
14 unique J

TRBV27*ap01

10080 sequences assigned
9935 (98.6%) exact matches, in which:
9604 unique CDR3
14 unique J

TRBV30*ap02

3323 sequences assigned
3246 (97.7%) exact matches, in which:
3220 unique CDR3
14 unique J

TRBV19*ap01

11536 sequences assigned
11421 (99%) exact matches, in which:
11246 unique CDR3
14 unique J

TRBV28*ap01

11015 sequences assigned
10893 (98.9%) exact matches, in which:
10532 unique CDR3
14 unique J

TRBV30*ap03

579 sequences assigned
446 (77%) exact matches, in which:
440 unique CDR3
13 unique J

TRBV9*ap01

9578 sequences assigned
9485 (99%) exact matches, in which:
9270 unique CDR3
14 unique J

TRBV11−2*ap01

5195 sequences assigned
5147 (99.1%) exact matches, in which:
5018 unique CDR3
14 unique J

TRBV12−2*ap01

619 sequences assigned
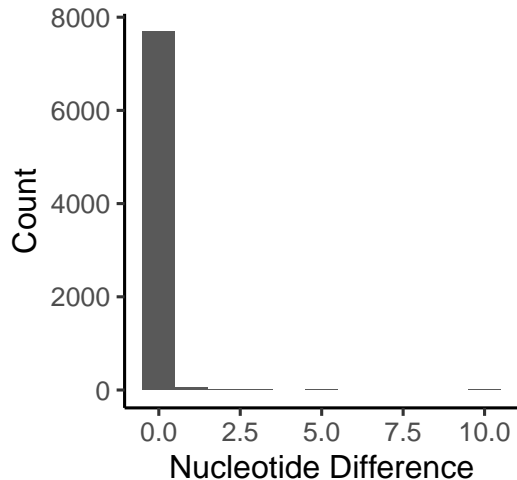614 (99.2%) exact matches, in which:
593 unique CDR3
14 unique J

TRBV21−1*ap01

3899 sequences assigned
3836 (98.4%) exact matches, in which:
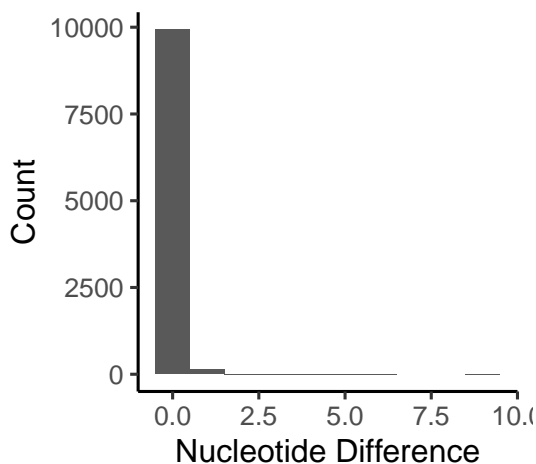3738 unique CDR3
14 unique J

TRBV11−3*ap01

2571 sequences assigned
2557 (99.5%) exact matches, in which:
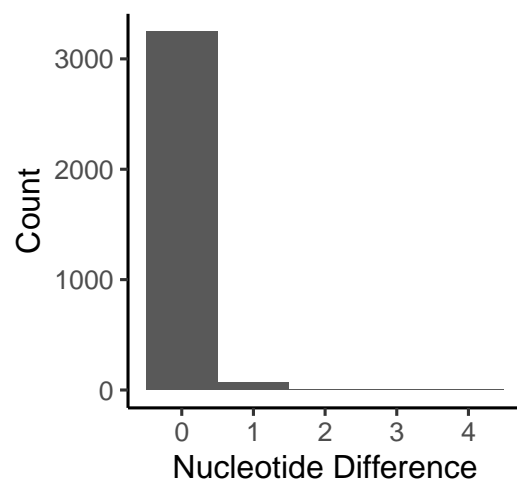2493 unique CDR3
14 unique J

TRBV12−5*ap01

1358 sequences assigned
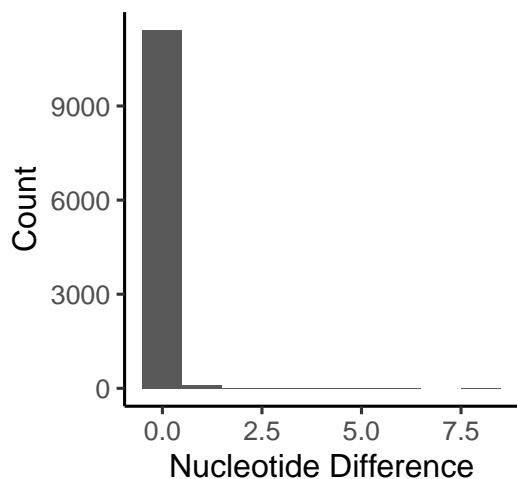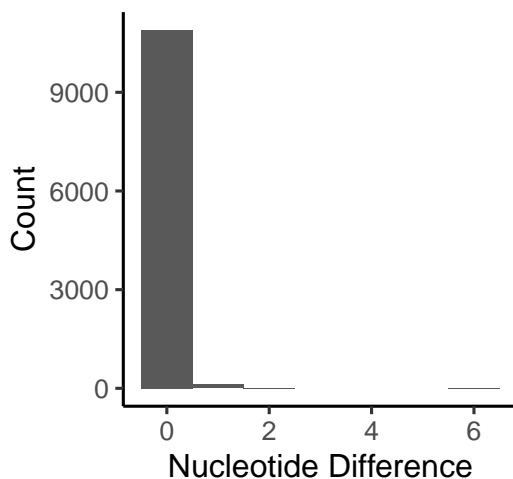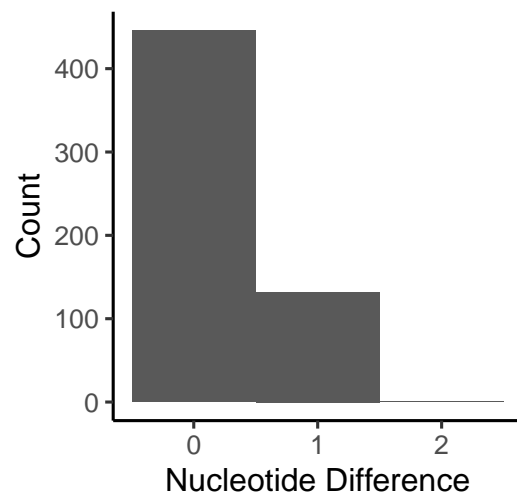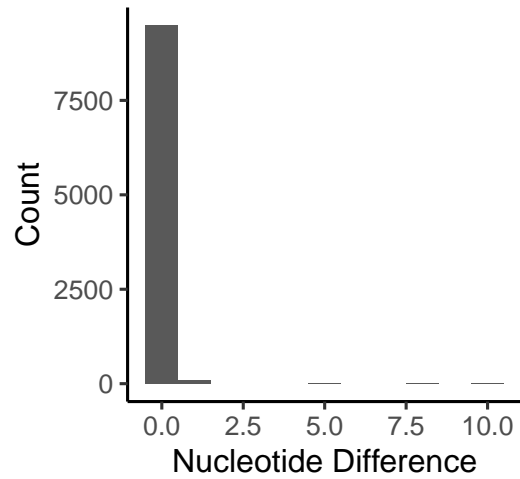1350 (99.4%) exact matches, in which:
1324 unique CDR3
14 unique J

TRBV11−1*ap01

1085 sequences assigned
1078 (99.4%) exact matches, in which:
1055 unique CDR3
14 unique J

TRBV12−1*ap01

260 sequences assigned
256 (98.5%) exact matches, in which:
250 unique CDR3
14 unique J

TRBV12−34*ap01

11091 sequences assigned
10978 (99%) exact matches, in which:
10713 unique CDR3
14 unique J

TRBV23−1*ap01

1381 sequences assigned
1359 (98.4%) exact matches, in which:
1324 unique CDR3
14 unique J

TRBV24−1*ap01

6515 sequences assigned
6428 (98.7%) exact matches, in which:
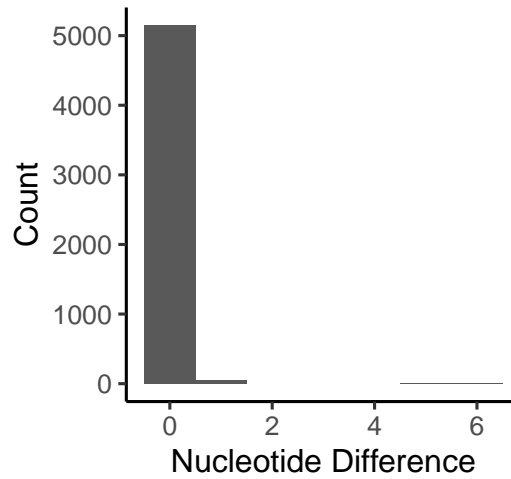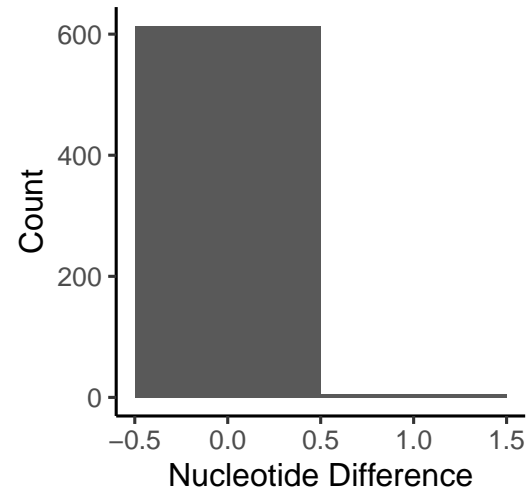6258 unique CDR3
14 unique J

TRBV25−1*ap01

2708 sequences assigned
2658 (98.2%) exact matches, in which:
2585 unique CDR3
14 unique J

TRBV3−12*ap01

7656 sequences assigned
7549 (98.6%) exact matches, in which:
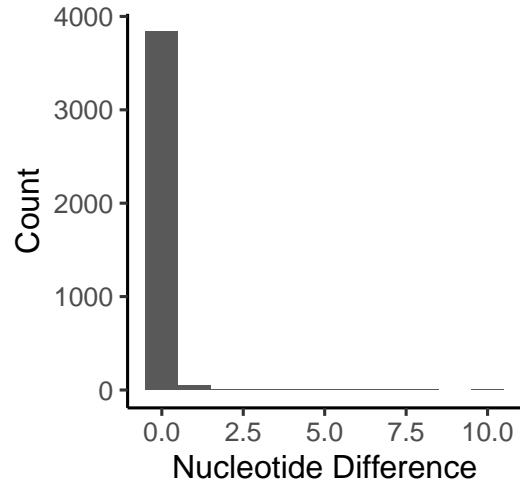7338 unique CDR3
14 unique J

TRBV4−2*ap01

3149 sequences assigned
3099 (98.4%) exact matches, in which:
3005 unique CDR3
14 unique J

TRBV5−1*ap01

12949 sequences assigned
12812 (98.9%) exact matches, in which:
12457 unique CDR3
14 unique J

TRBV4−1*ap01

4458 sequences assigned
4420 (99.1%) exact matches, in which:
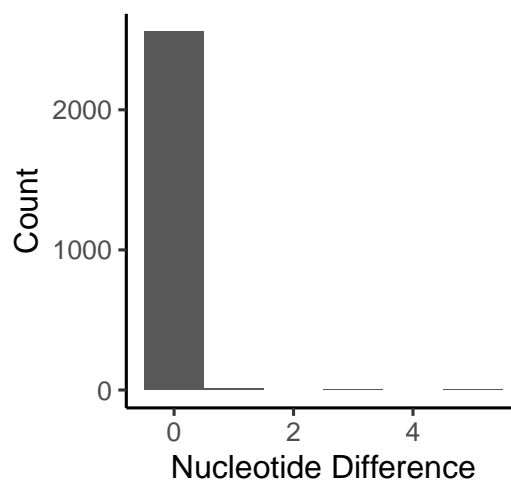4300 unique CDR3
14 unique J

TRBV4−3*ap01

3452 sequences assigned
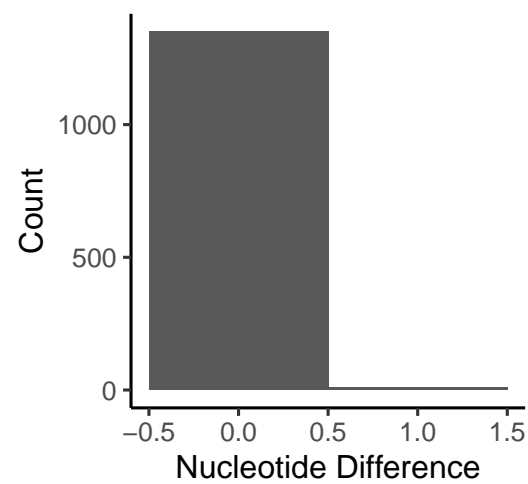3400 (98.5%) exact matches, in which:
3254 unique CDR3
14 unique J

TRBV5−3*ap01

714 sequences assigned
705 (98.7%) exact matches, in which:
678 unique CDR3
14 unique J

TRBV5-4*ap01

4819 sequences assigned
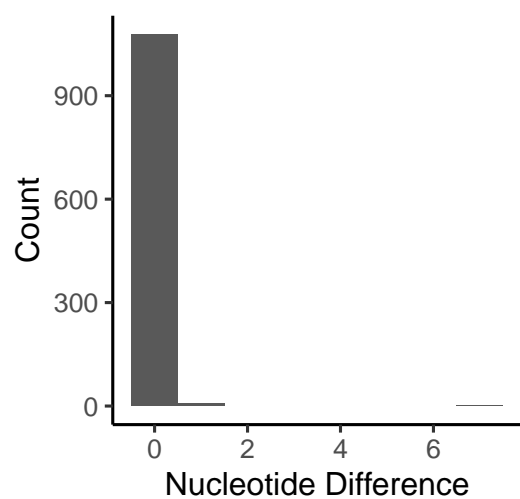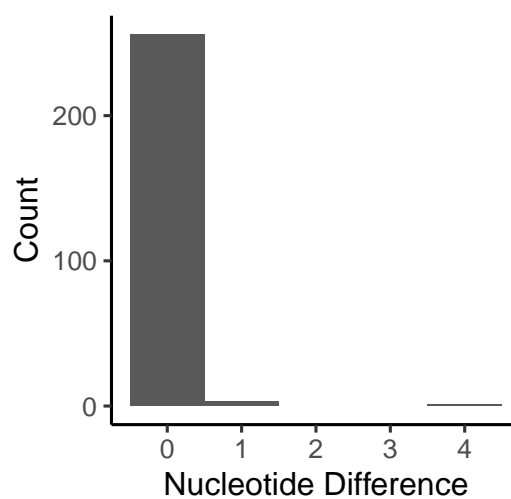4765 (98.9%) exact matches, in which:
4609 unique CDR3
14 unique J

TRBV5-7*ap01

103 sequences assigned
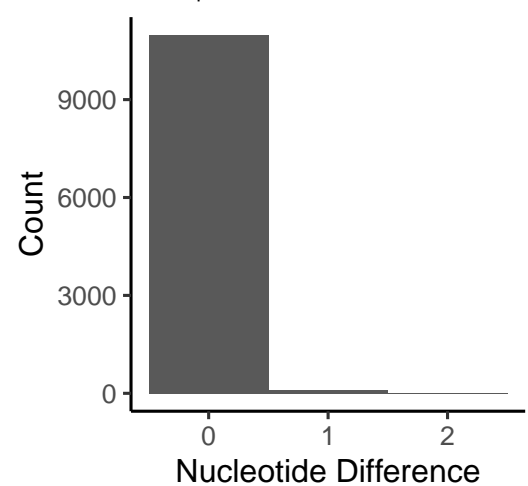101 (98.1%) exact matches, in which:
98 unique CDR3
14 unique J

TRBV6-4*ap01

2890 sequences assigned
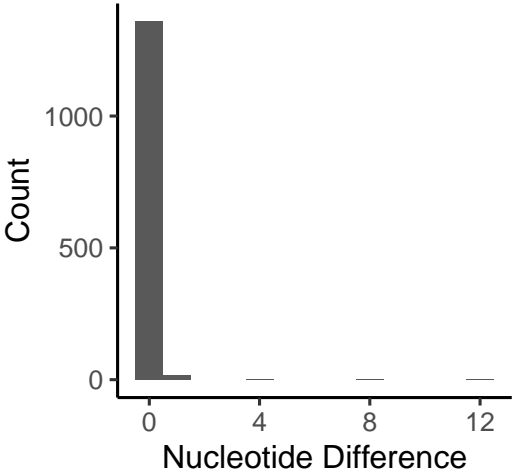2836 (98.1%) exact matches, in which:
2775 unique CDR3
14 unique J

TRBV5-5*ap01

1708 sequences assigned
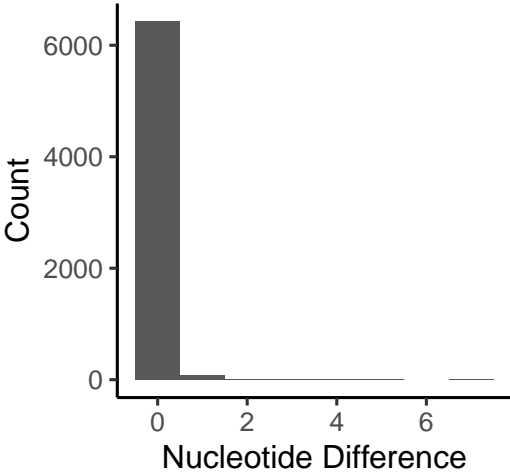1690 (98.9%) exact matches, in which:
1662 unique CDR3
14 unique J

TRBV5-8*ap01

1602 sequences assigned
1573 (98.2%) exact matches, in which:
1546 unique CDR3
14 unique J

TRBV6-7*ap01

316 sequences assigned
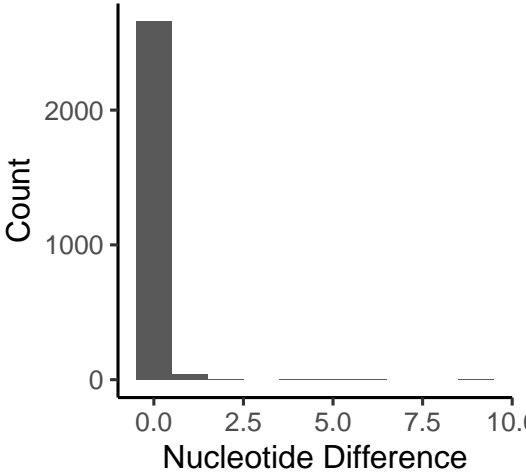310 (98.1%) exact matches, in which:
302 unique CDR3
14 unique J

TRBV5-6*ap01

4064 sequences assigned
4012 (98.7%) exact matches, in which:
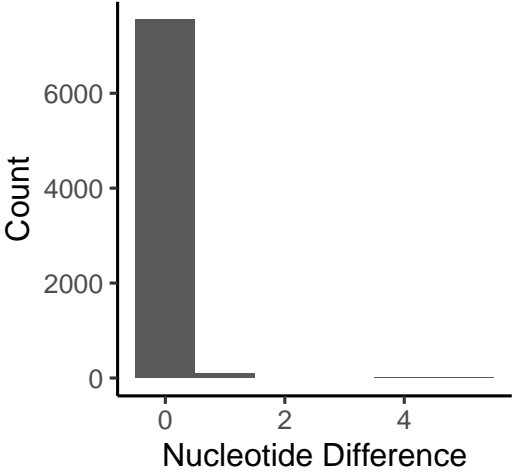3883 unique CDR3
14 unique J

TRBV6-1*ap01

3589 sequences assigned
3398 (94.7%) exact matches, in which:
3271 unique CDR3
14 unique J

TRBV6-8*ap01

145 sequences assigned
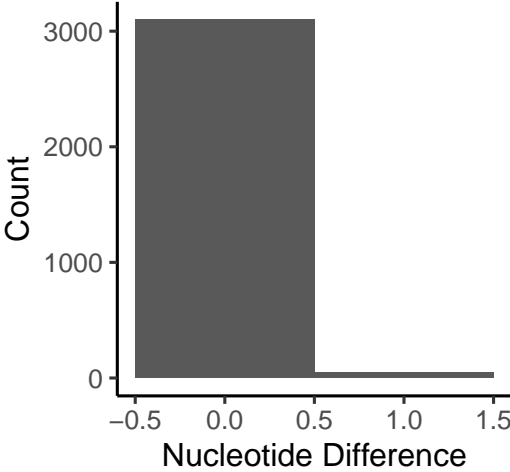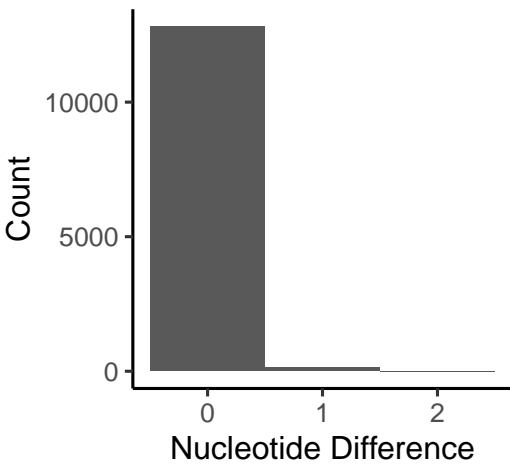142 (97.9%) exact matches, in which:
136 unique CDR3
14 unique J

TRBV6−9*ap01

220 sequences assigned
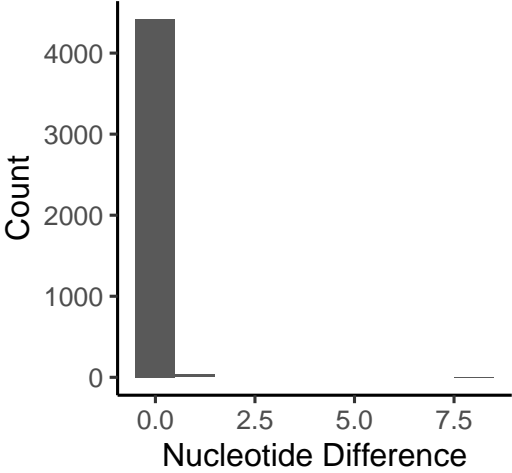134 (60.9%) exact matches, in which:
129 unique CDR3
14 unique J

TRBV6−56*ap02

2043 sequences assigned
1837 (89.9%) exact matches, in which:
1790 unique CDR3
14 unique J

TRBV7−3*ap01

6384 sequences assigned
6311 (98.9%) exact matches, in which:
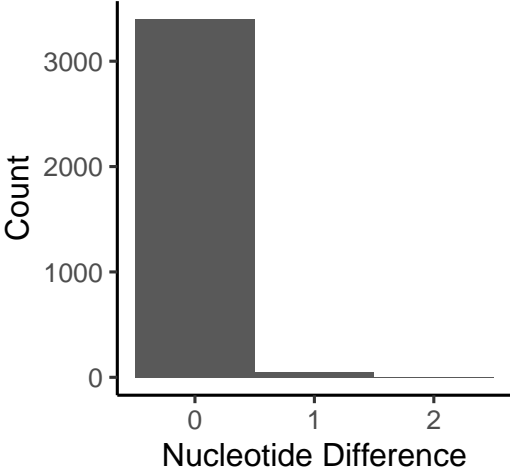6182 unique CDR3
14 unique J

TRBV6−23*ap01

6114 sequences assigned
6043 (98.8%) exact matches, in which:
5816 unique CDR3
14 unique J

TRBV7−1*ap01_G291C_

157 sequences assigned
151 (96.2%) exact matches, in which:
147 unique CDR3
13 unique J

TRBV7−4*ap01

298 sequences assigned
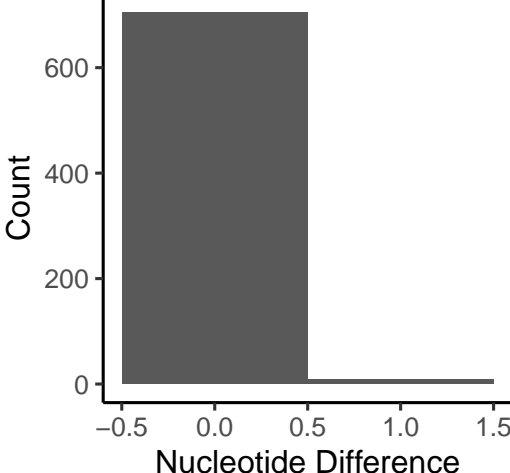291 (97.7%) exact matches, in which:
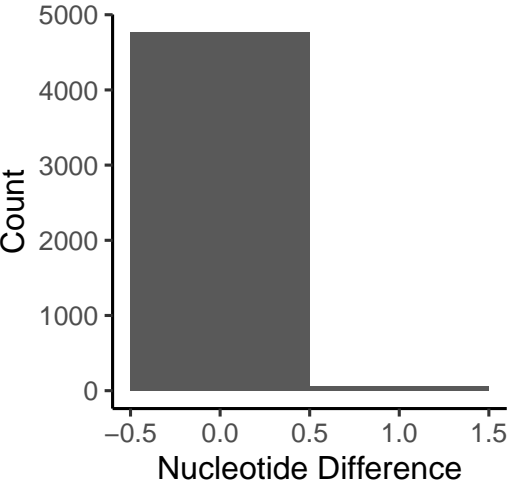277 unique CDR3
14 unique J

TRBV6−56*ap01

7164 sequences assigned
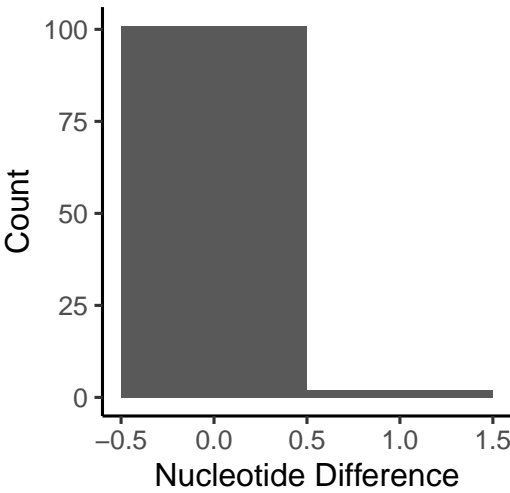7079 (98.8%) exact matches, in which:
6867 unique CDR3
14 unique J

TRBV7−2*ap01

6961 sequences assigned
6898 (99.1%) exact matches, in which:
6734 unique CDR3
14 unique J

TRBV7−6*ap01

2678 sequences assigned
2649 (98.9%) exact matches, in which:
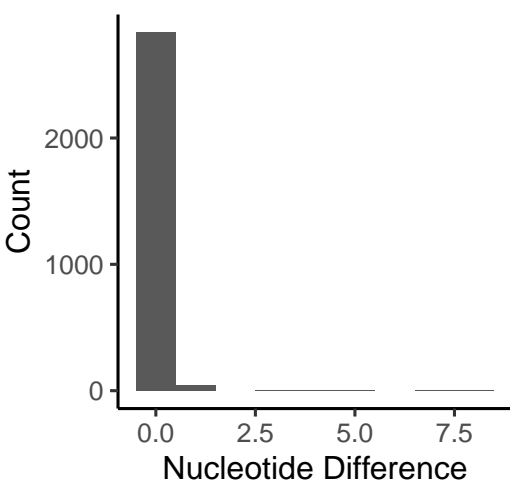2587 unique CDR3
14 unique J

TRBV7−7*ap01

525 sequences assigned
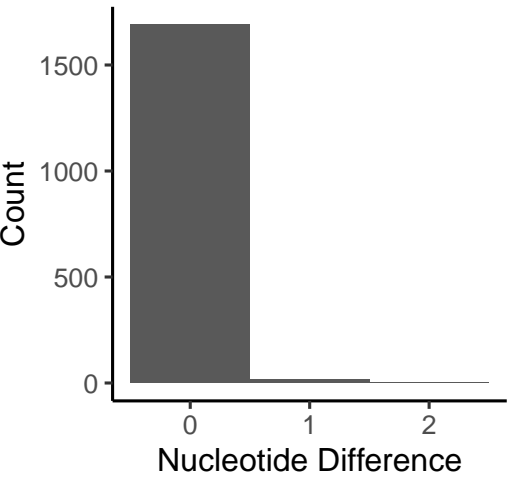521 (99.2%) exact matches, in which:
511 unique CDR3
13 unique J

TRBV7−8*ap03

947 sequences assigned
674 (71.2%) exact matches, in which:
654 unique CDR3
14 unique J

TRBV29−1*ap02

795 sequences assigned
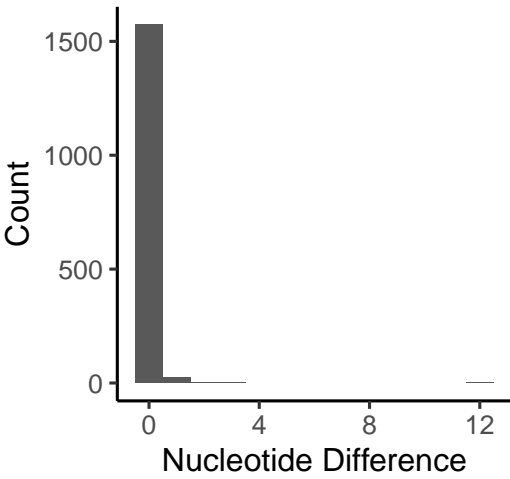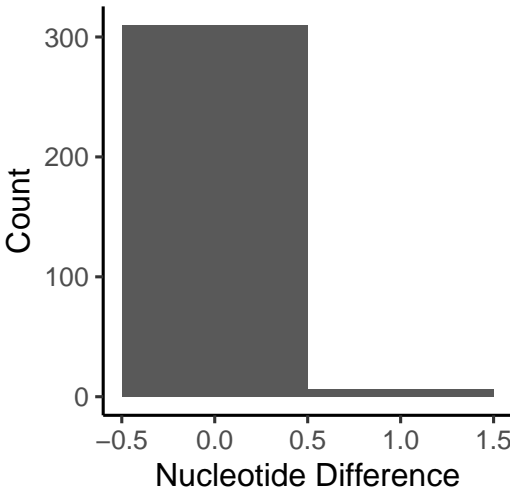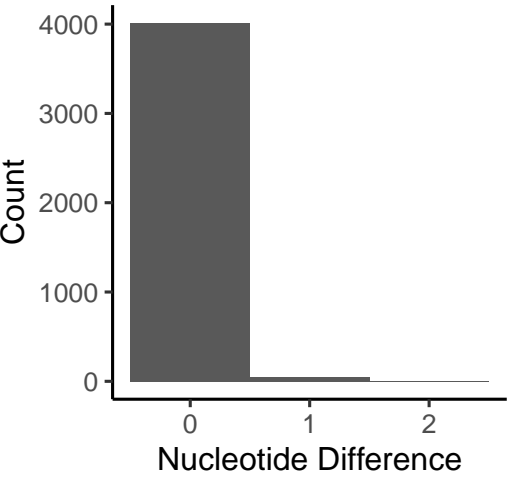786 (98.9%) exact matches, in which:
768 unique CDR3
14 unique J

TRBV7−7*ap01_C315T

574 sequences assigned
569 (99.1%) exact matches, in which:
547 unique CDR3
14 unique J
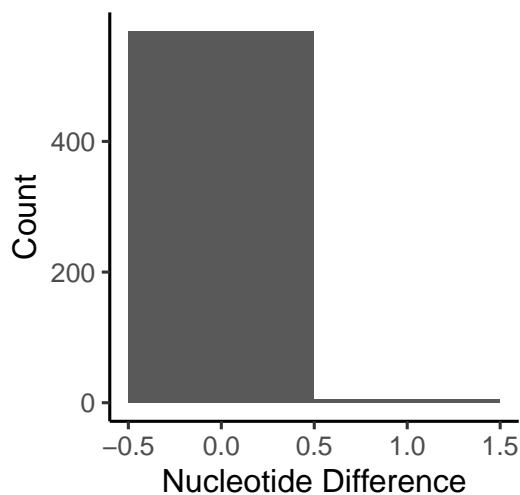
TRBV7−9*ap01

10531 sequences assigned
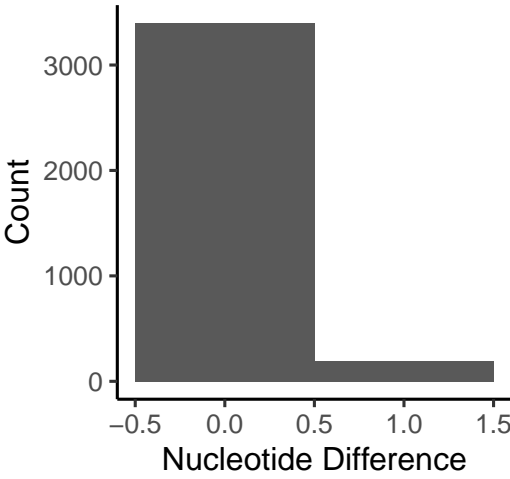10444 (99.2%) exact matches, in which:
10176 unique CDR3
14 unique J

TRBV7−8*ap01

2182 sequences assigned
2165 (99.2%) exact matches, in which:
2092 unique CDR3
14 unique J

TRBV29−1*ap01

4227 sequences assigned
4181 (98.9%) exact matches, in which:
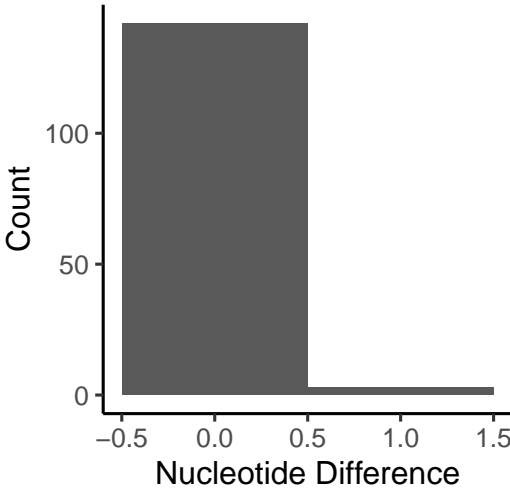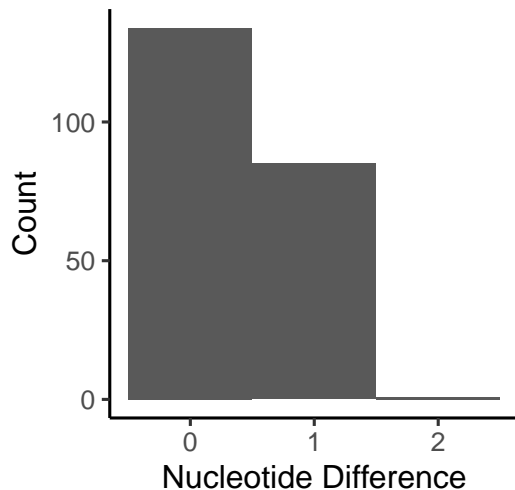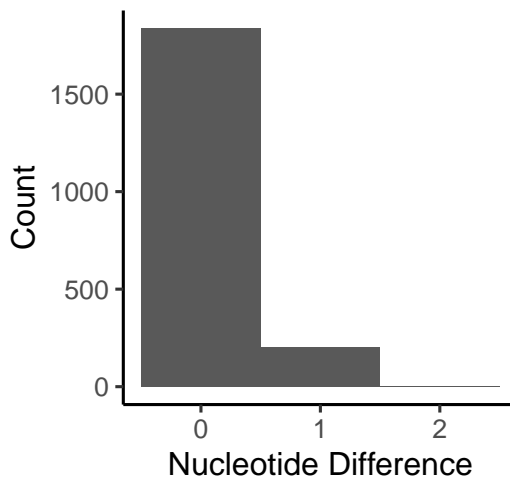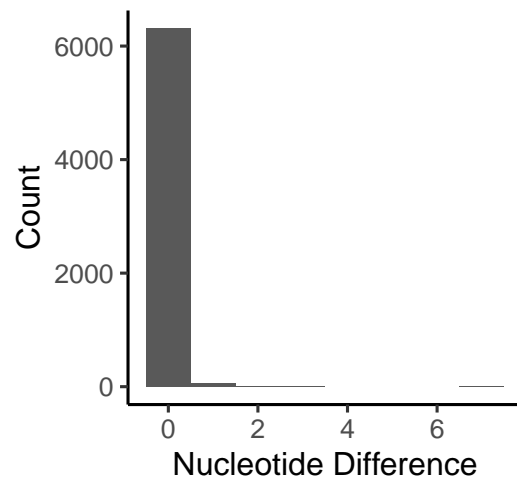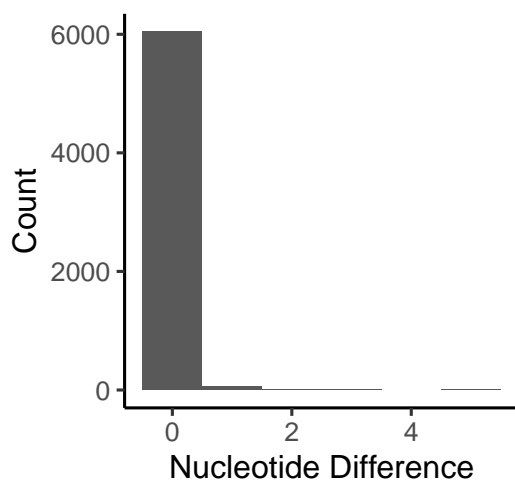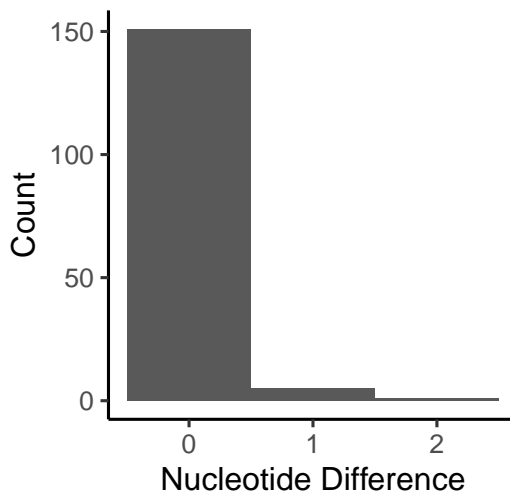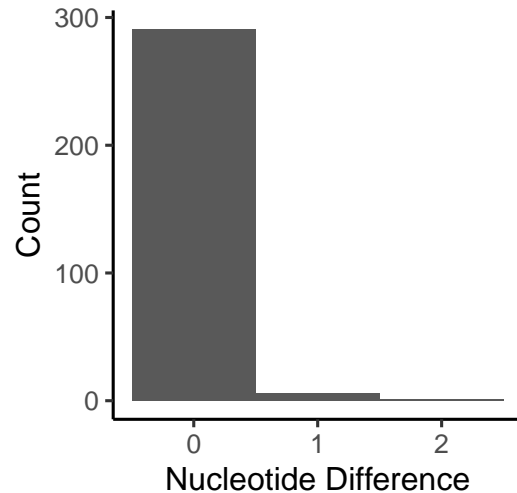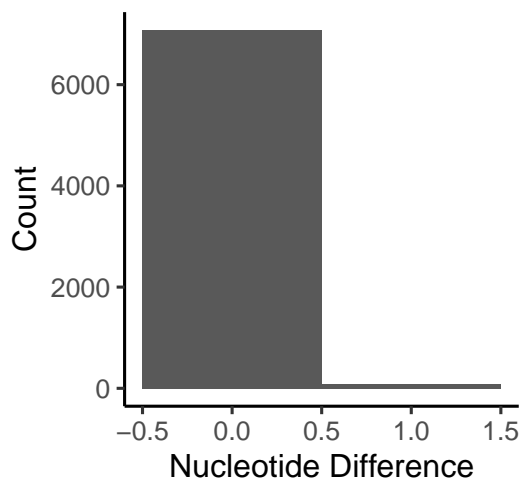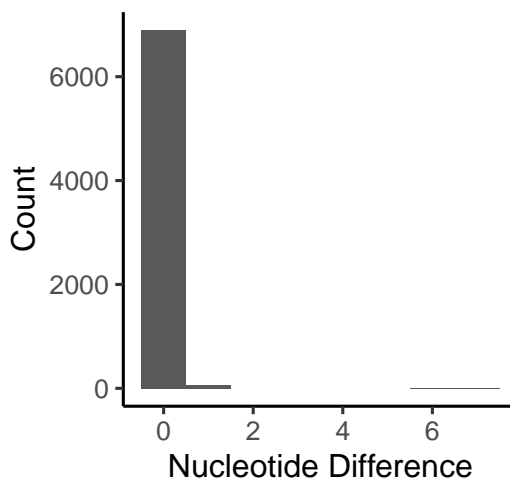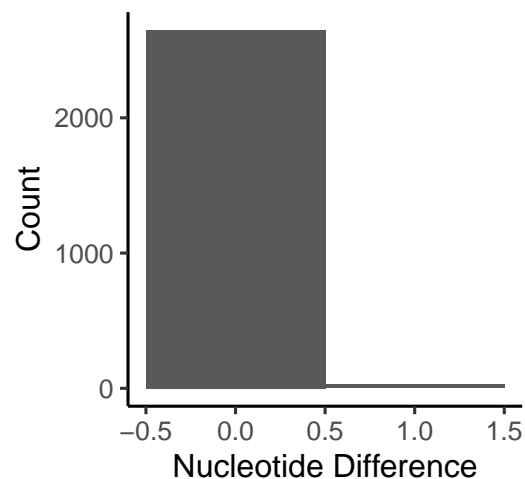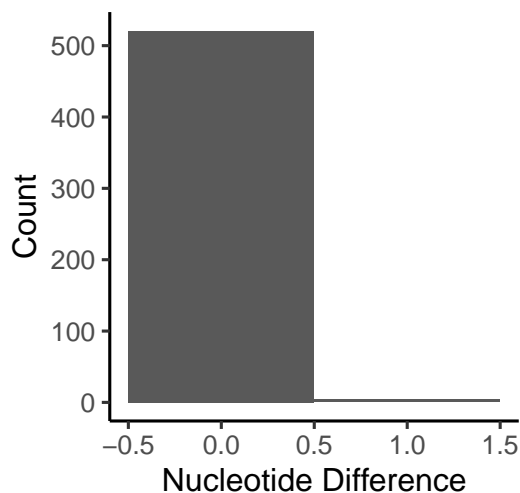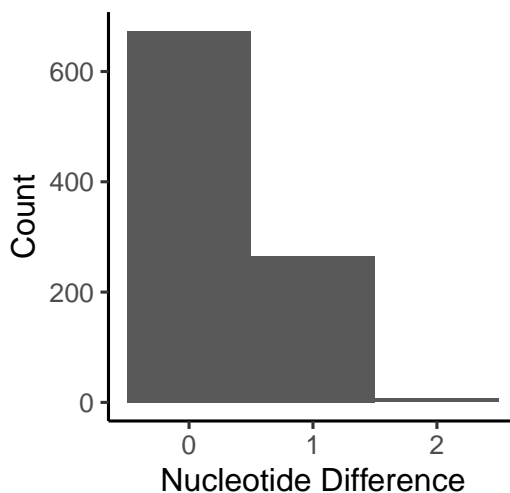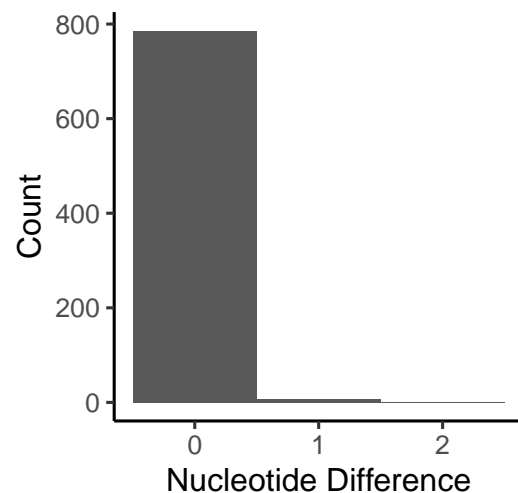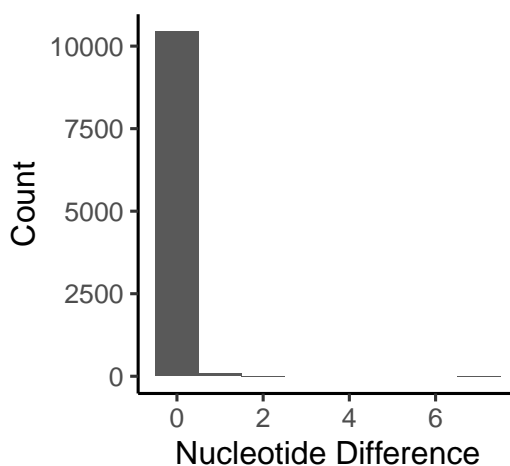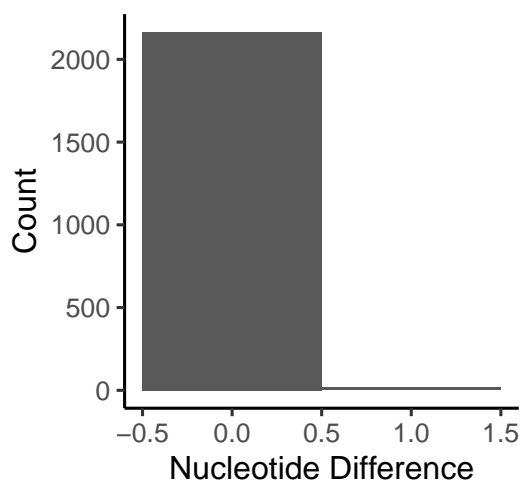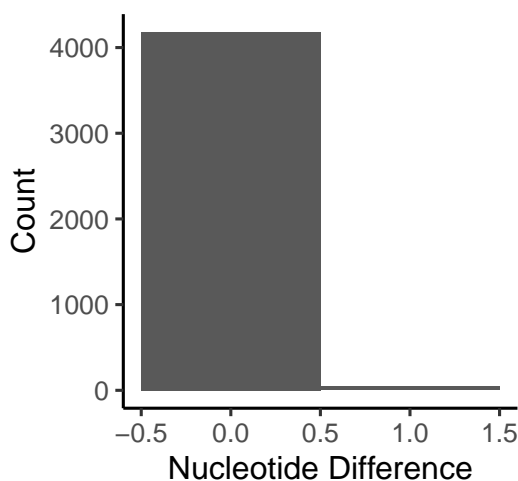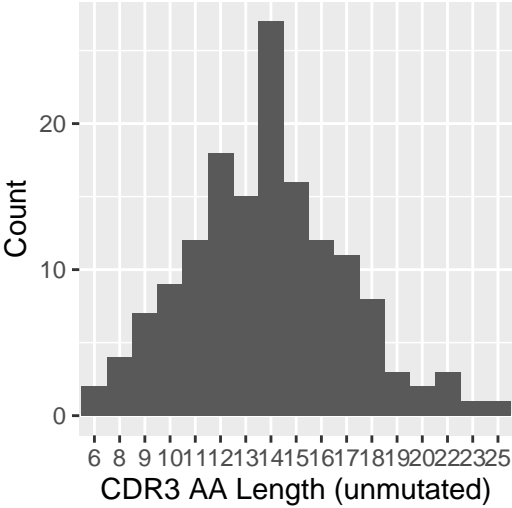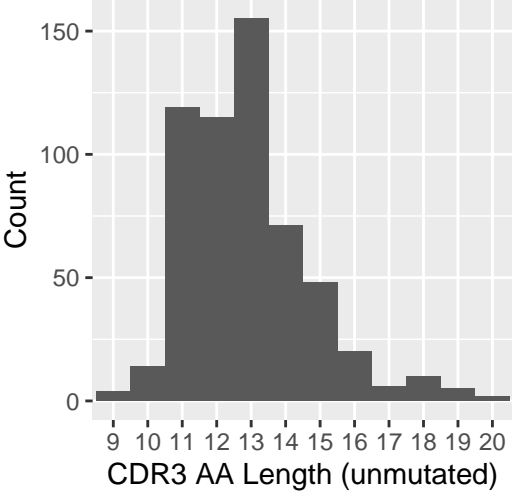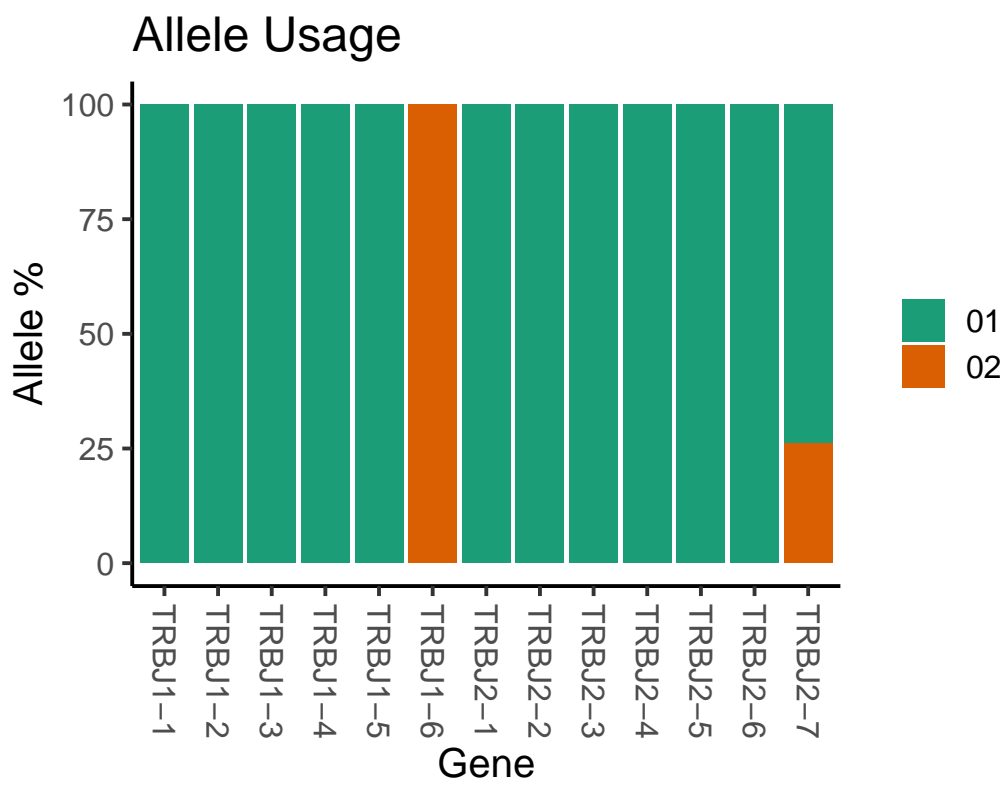4072 unique CDR3
14 unique J

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

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