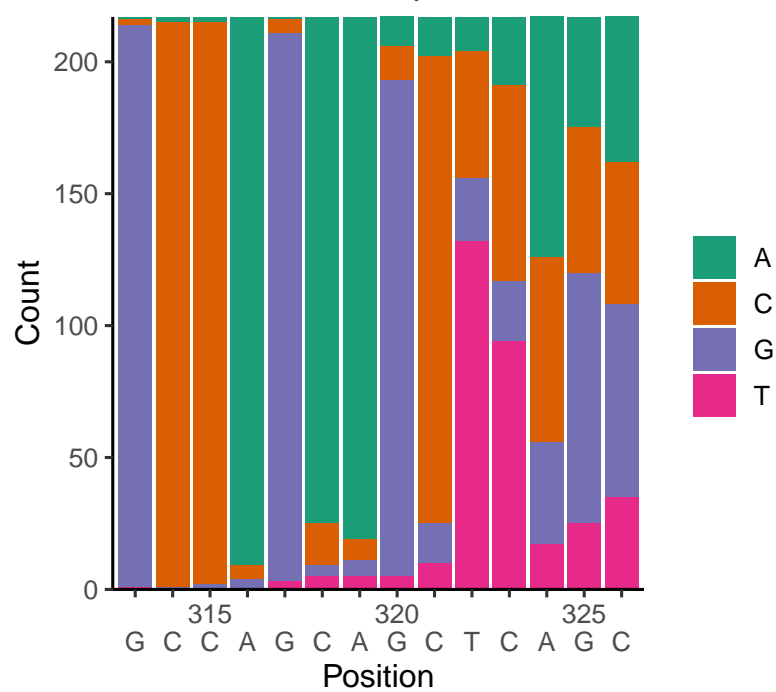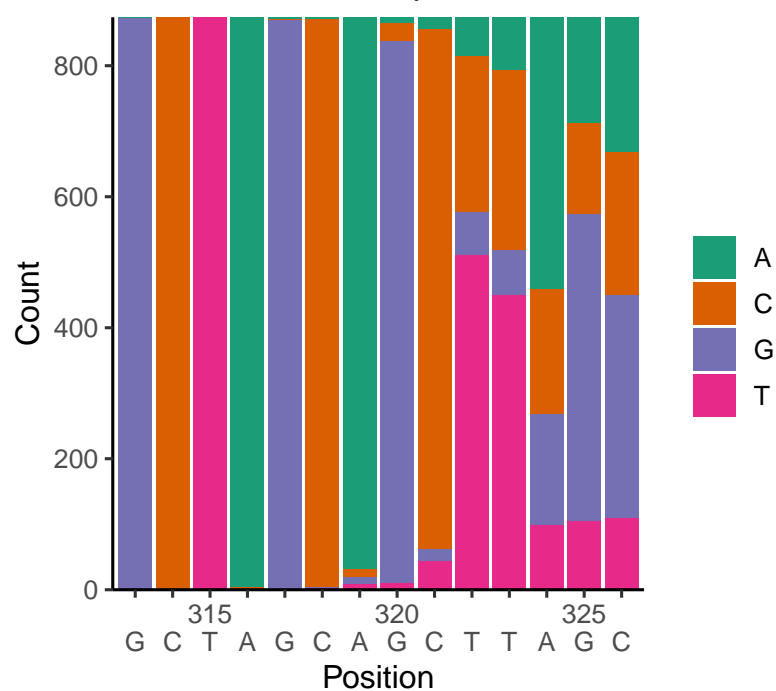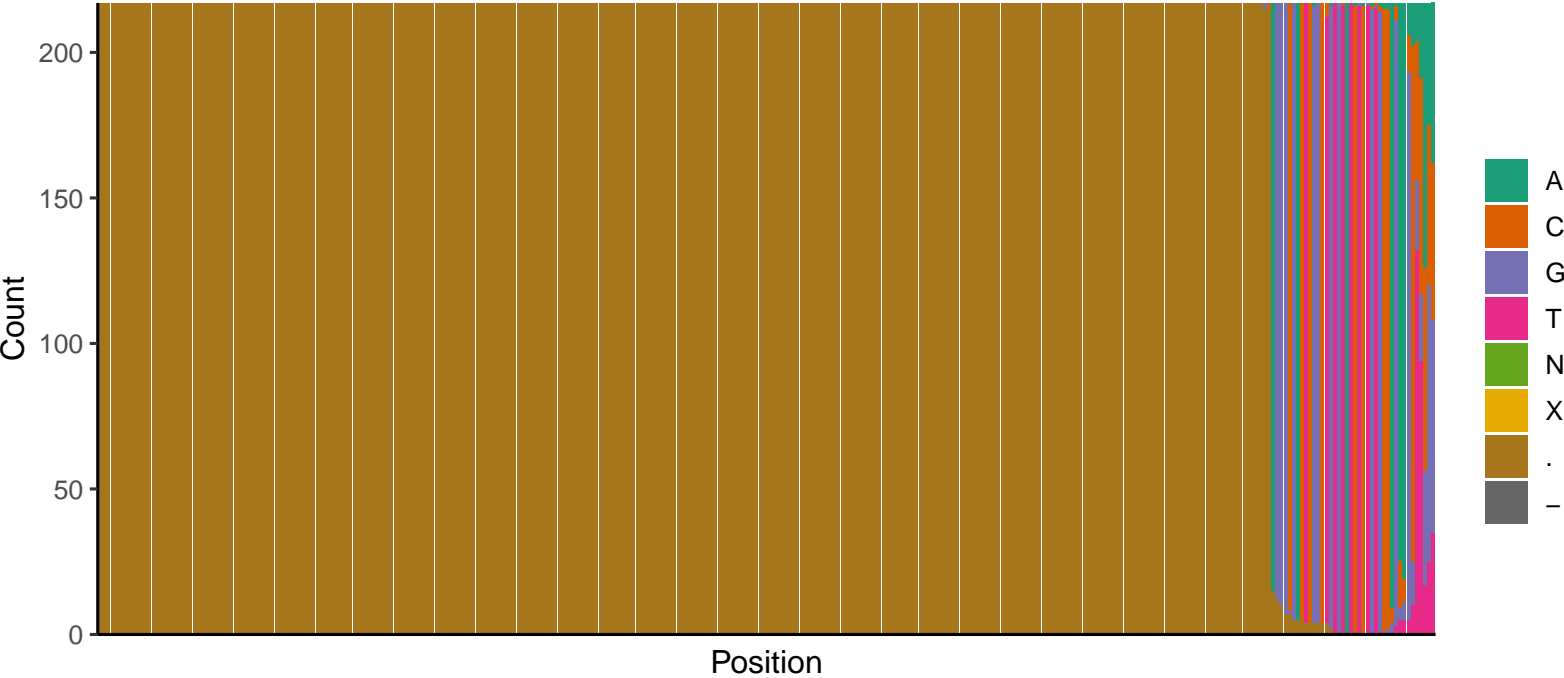Gene TRBV7−1*ap01_G291C_T296C
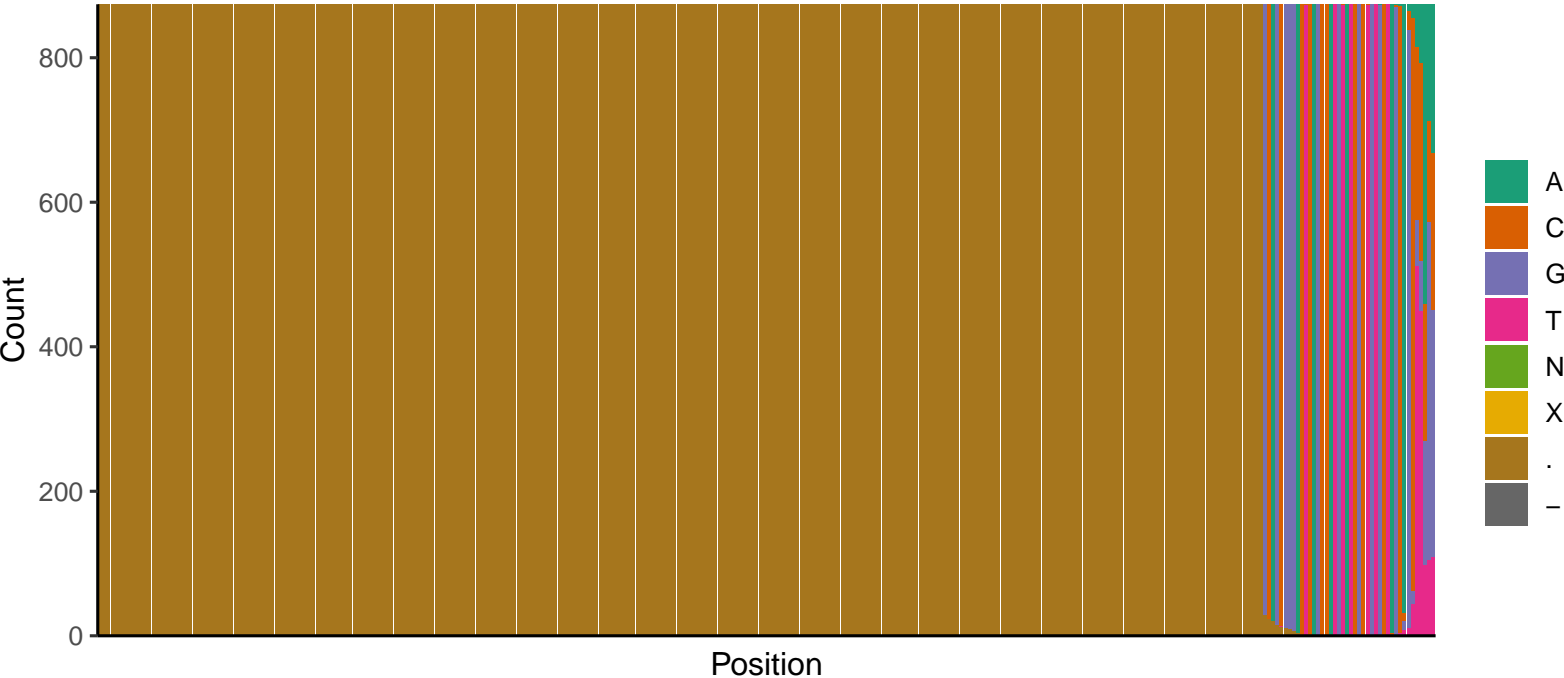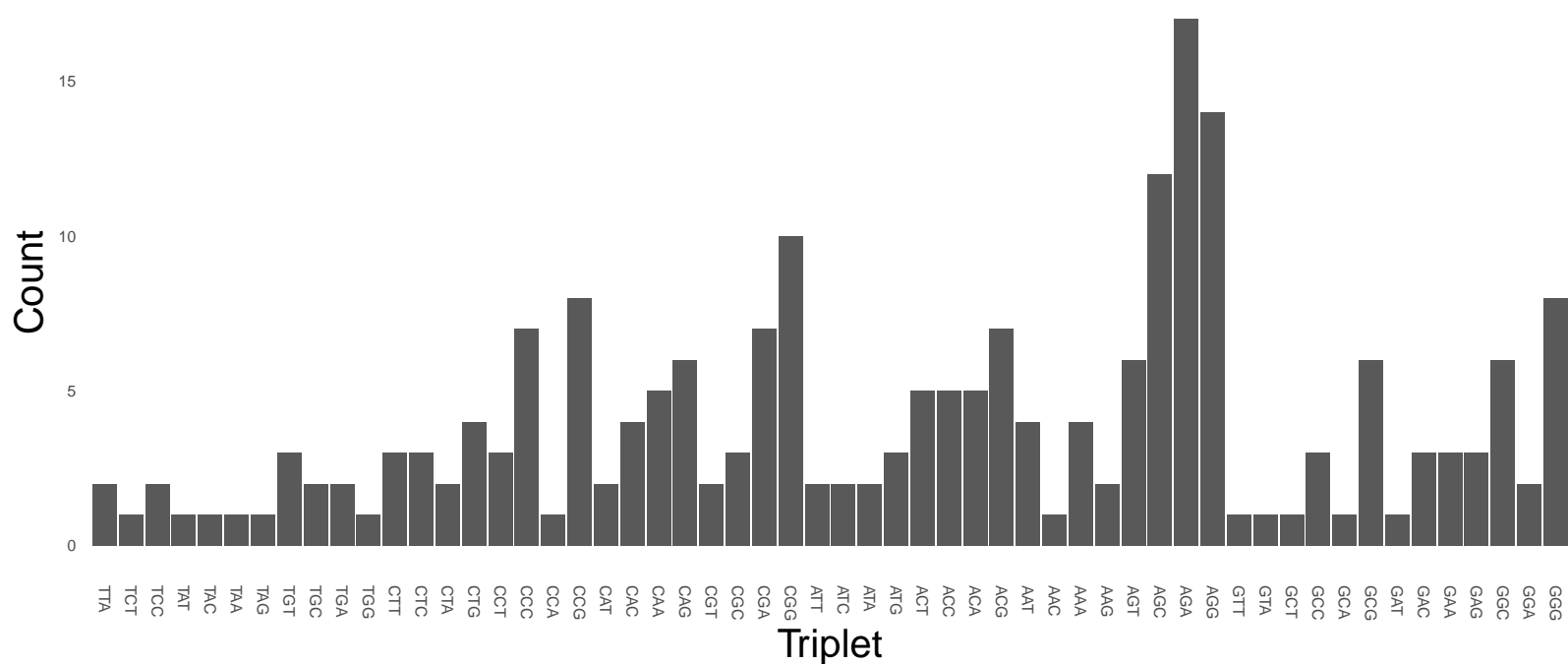
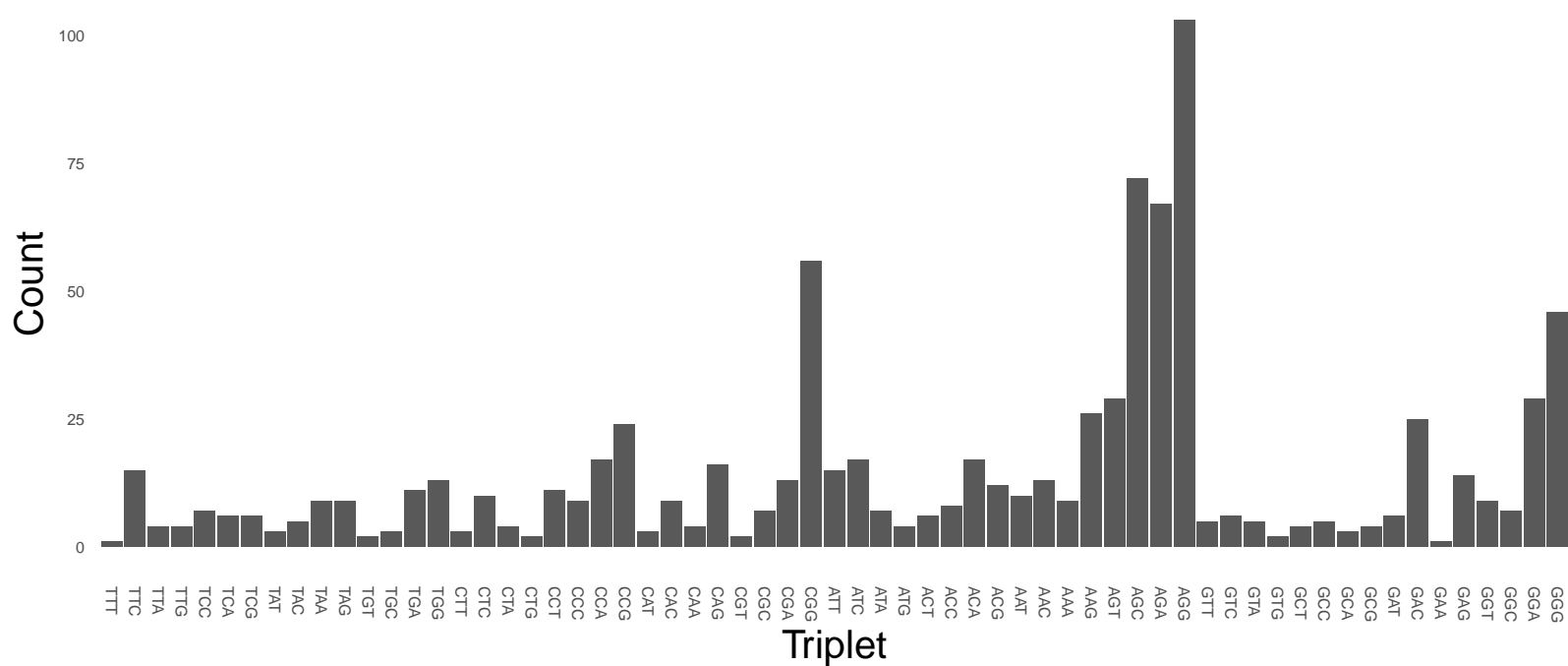Gene TRBV7−7*ap01_C315T

Gene TRBV7−1*ap01_G291C_T296C

Gene TRBV7−7*ap01_C315T

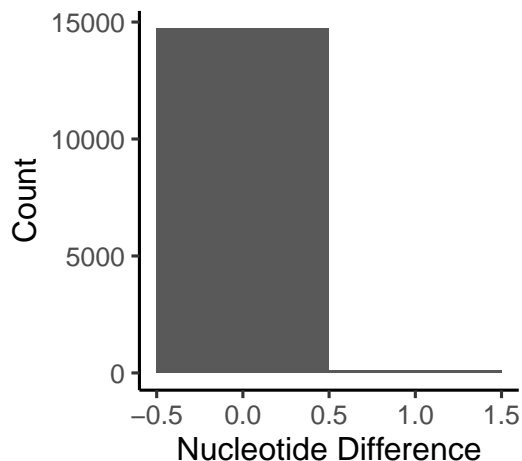TRBV7−1*ap01_G291C_T296C− Final 3 nucleotides as a triplet

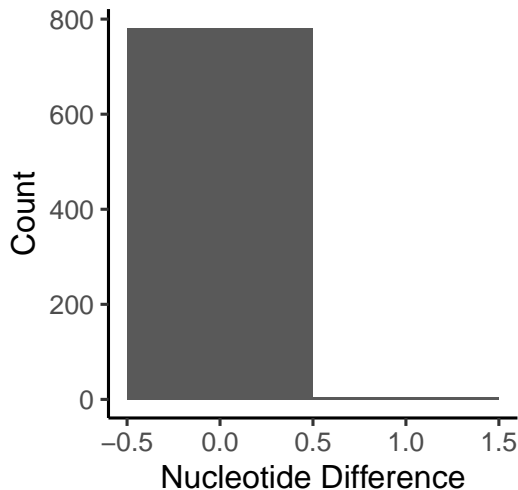TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet

TRBV20−1*ap01

14863 sequences assigned
14739 (99.2%) exact matches, in which:
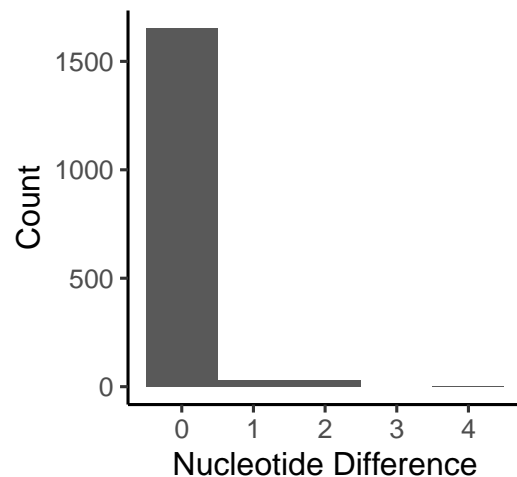14611 unique CDR3
13 unique J

TRBV10−2*ap01

787 sequences assigned
782 (99.4%) exact matches, in which:
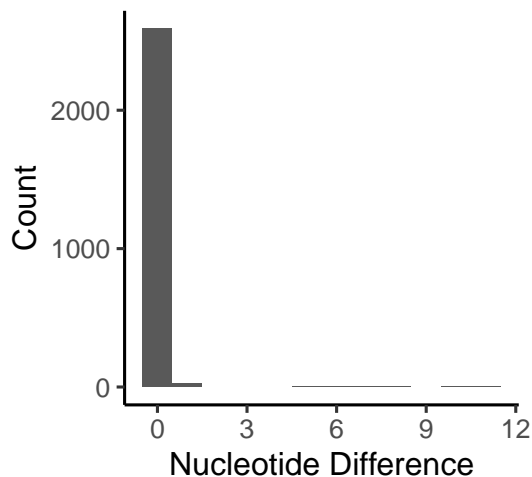769 unique CDR3
13 unique J

TRBV13*ap01

1712 sequences assigned
1652 (96.5%) exact matches, in which:
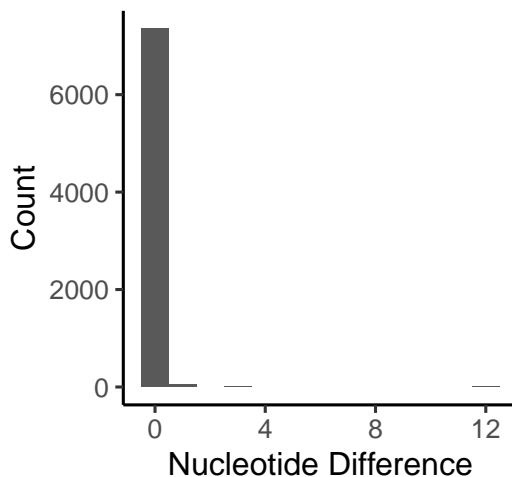1629 unique CDR3
13 unique J

TRBV10−1*ap01

2625 sequences assigned
2589 (98.6%) exact matches, in which:
2557 unique CDR3
13 unique J

TRBV10−3*ap01

7417 sequences assigned
7353 (99.1%) exact matches, in which:
7269 unique CDR3
13 unique J

TRBV14*ap01

3580 sequences assigned
3562 (99.5%) exact matches, in which:
3529 unique CDR3
13 unique J

TRBV20−1*ap02

2406 sequences assigned
2379 (98.9%) exact matches, in which:
2365 unique CDR3
13 unique J

TRBV1*ap01

697 sequences assigned
683 (98%) exact matches, in which:
672 unique CDR3
13 unique J

TRBV15*ap02

5505 sequences assigned
5444 (98.9%) exact matches, in which:
5389 unique CDR3
13 unique J

TRBV16*ap01

311 sequences assigned
309 (99.4%) exact matches, in which:
308 unique CDR3
13 unique J

TRBV19*ap01

16023 sequences assigned
15876 (99.1%) exact matches, in which:
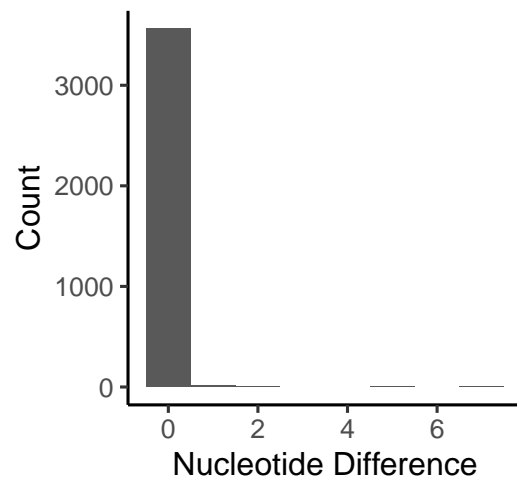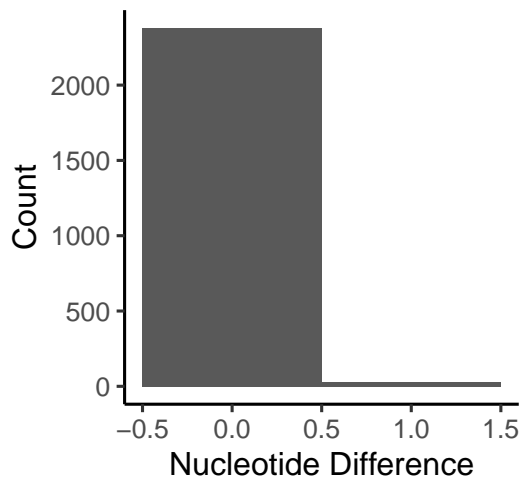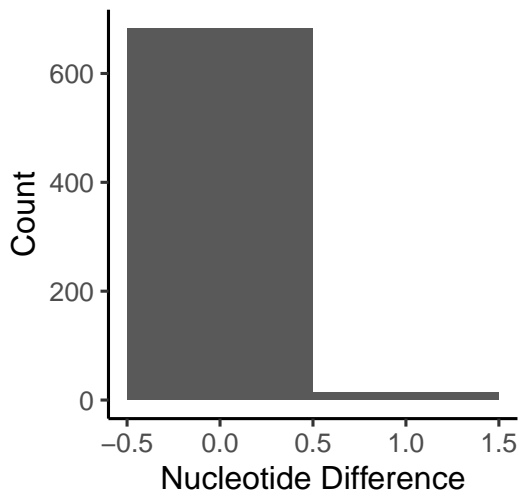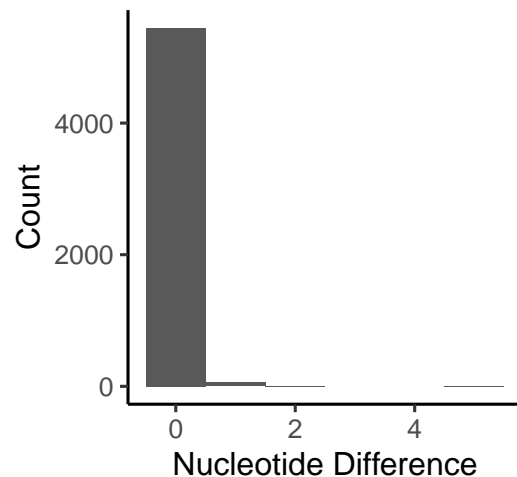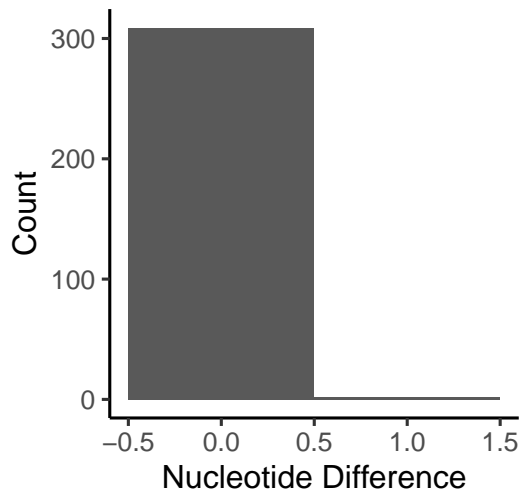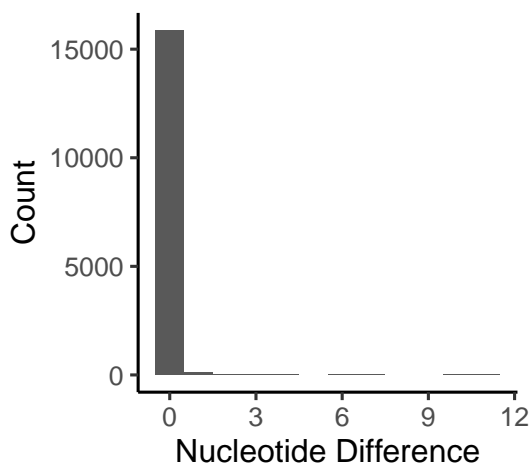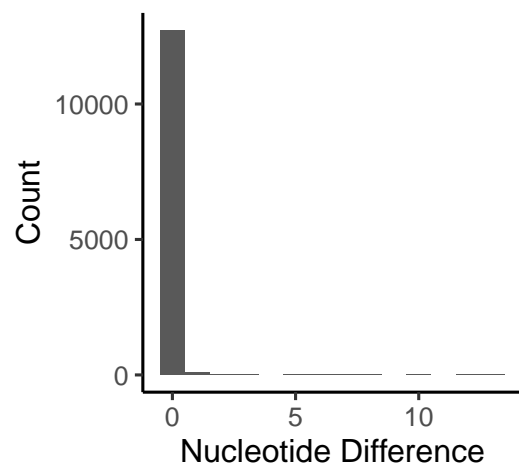15809 unique CDR3
13 unique J

TRBV27*ap01

12844 sequences assigned
12726 (99.1%) exact matches, in which:
12595 unique CDR3
13 unique J

TRBV17*ap01

5 sequences assigned
2 (40%) exact matches, in which:
2 unique CDR3
2 unique J

TRBV2*ap01

13338 sequences assigned
13209 (99%) exact matches, in which:
13038 unique CDR3
13 unique J

TRBV28*ap01

23158 sequences assigned
22970 (99.2%) exact matches, in which:
22838 unique CDR3
13 unique J

TRBV18*ap01

10987 sequences assigned
10939 (99.6%) exact matches, in which:
10899 unique CDR3
13 unique J

TRBV26*ap01

2 sequences assigned
No exact matches.

TRBV30*ap01

12204 sequences assigned
11961 (98%) exact matches, in which:
11733 unique CDR3
13 unique J

TRBV9*ap01

13060 sequences assigned
12904 (98.8%) exact matches, in which:
12821 unique CDR3
13 unique J

TRBV11-2*ap01

6366 sequences assigned
6317 (99.2%) exact matches, in which:
6275 unique CDR3
13 unique J
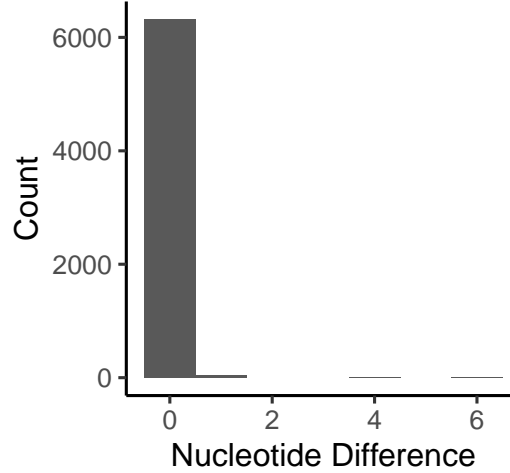
TRBV12-2*ap01

730 sequences assigned
717 (98.2%) exact matches, in which:
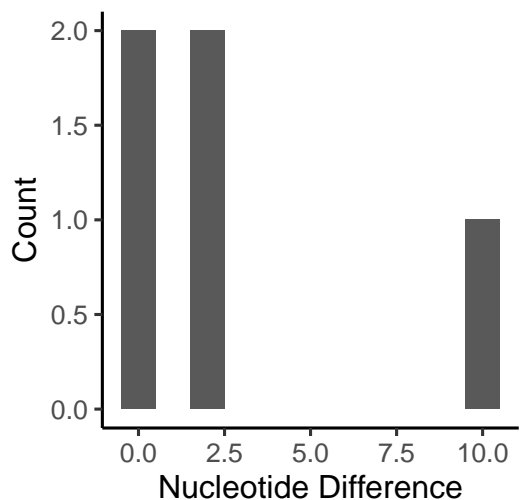706 unique CDR3
13 unique J

TRBV21-1*ap01

5280 sequences assigned
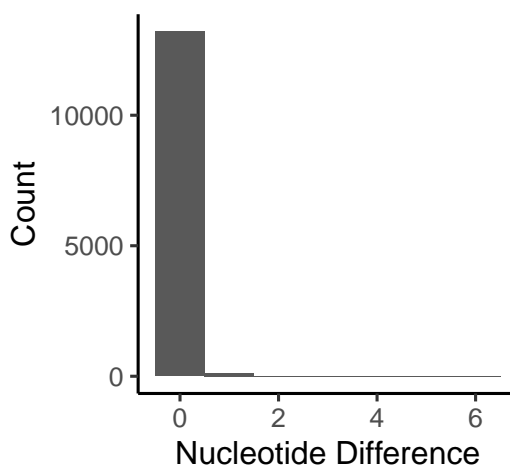5191 (98.3%) exact matches, in which:
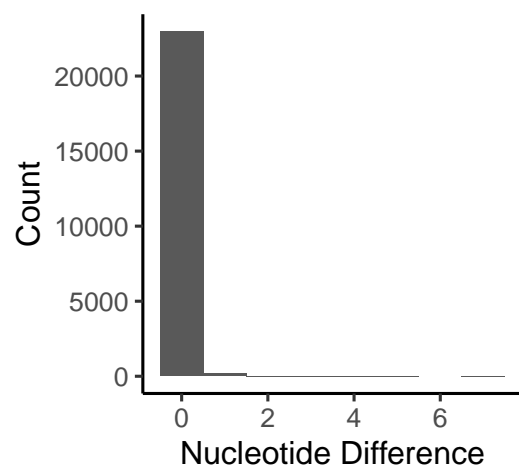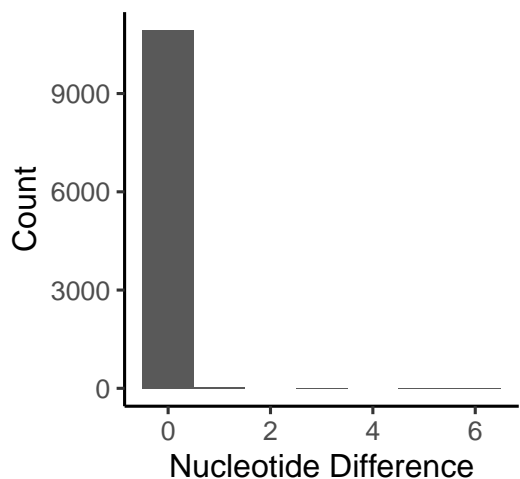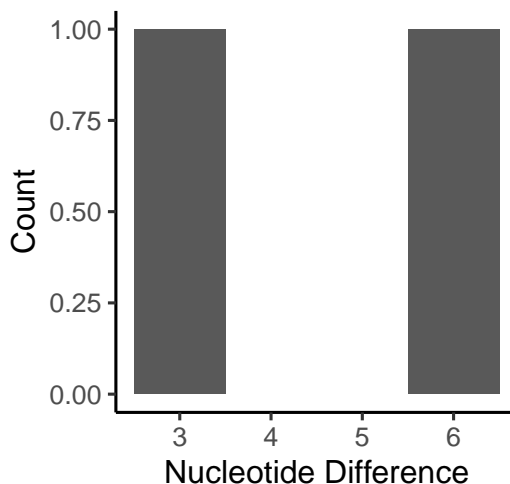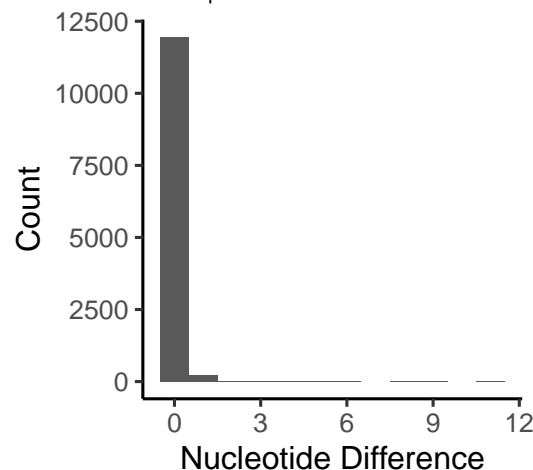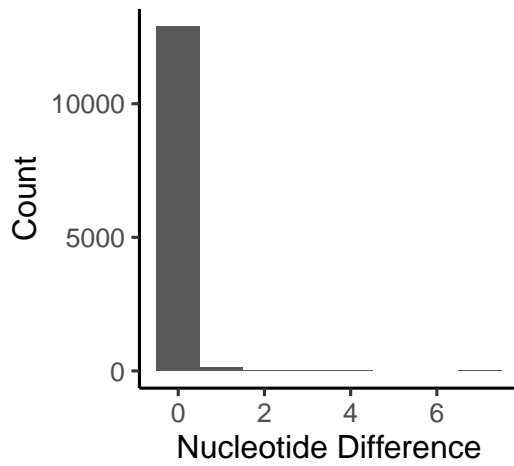5161 unique CDR3
13 unique J

TRBV11-3*ap01

3573 sequences assigned
3529 (98.8%) exact matches, in which:
3498 unique CDR3
13 unique J

TRBV12-5*ap01

1584 sequences assigned
1572 (99.2%) exact matches, in which:
1565 unique CDR3
13 unique J

TRBV11-1*ap01

1470 sequences assigned
1459 (99.3%) exact matches, in which:
1443 unique CDR3
13 unique J

TRBV12-1*ap01

371 sequences assigned
369 (99.5%) exact matches, in which:
364 unique CDR3
13 unique J

TRBV12-34*ap01

13082 sequences assigned
12938 (98.9%) exact matches, in which:
12808 unique CDR3
13 unique J

TRBV23−1*ap01

2277 sequences assigned
2252 (98.9%) exact matches, in which:
2238 unique CDR3
13 unique J

TRBV24−1*ap01

8469 sequences assigned
8360 (98.7%) exact matches, in which:
8233 unique CDR3
13 unique J

TRBV25−1*ap01

3923 sequences assigned
3862 (98.4%) exact matches, in which:
3780 unique CDR3
13 unique J

TRBV3−12*ap01

10968 sequences assigned
10893 (99.3%) exact matches, in which:
10828 unique CDR3
13 unique J

TRBV4−2*ap01

6104 sequences assigned
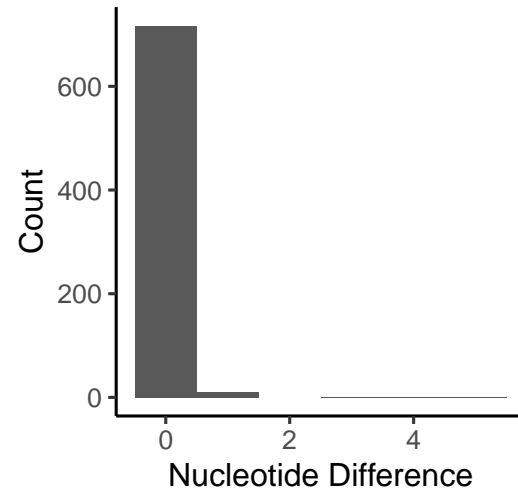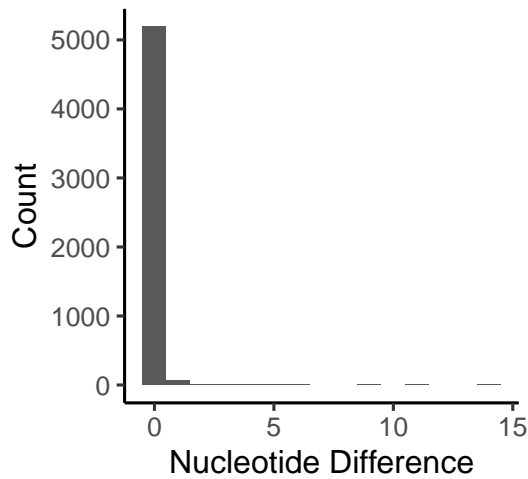6046 (99%) exact matches, in which:
5978 unique CDR3
13 unique J

TRBV5−1*ap01

22656 sequences assigned
22405 (98.9%) exact matches, in which:
22107 unique CDR3
13 unique J

TRBV4−1*ap01

5911 sequences assigned
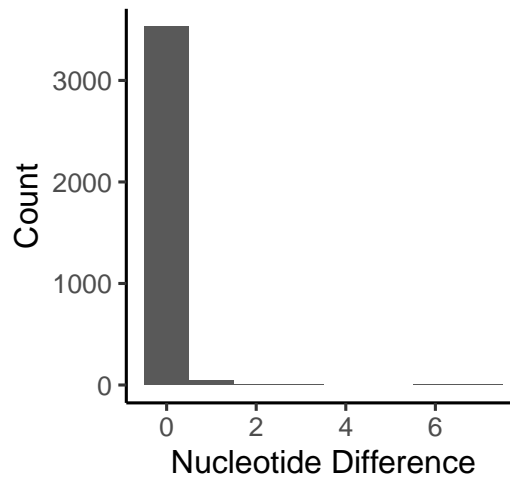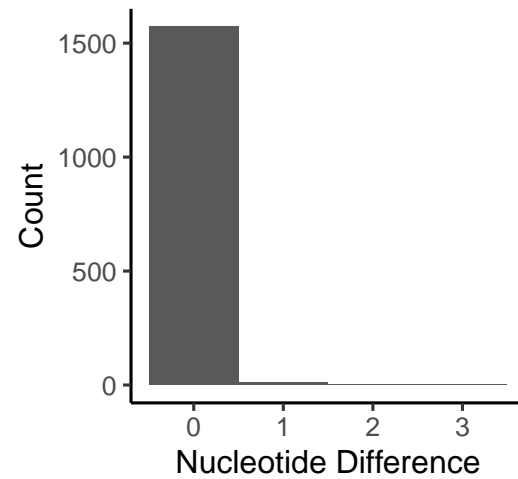5852 (99%) exact matches, in which:
5781 unique CDR3
13 unique J

TRBV4−3*ap01

8151 sequences assigned
8081 (99.1%) exact matches, in which:
8006 unique CDR3
13 unique J

TRBV5−3*ap01

1158 sequences assigned
1137 (98.2%) exact matches, in which:
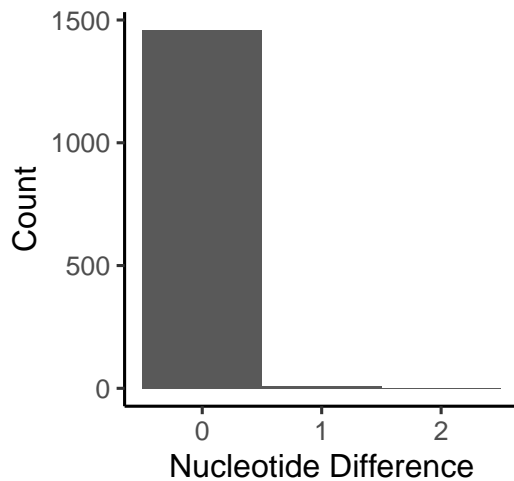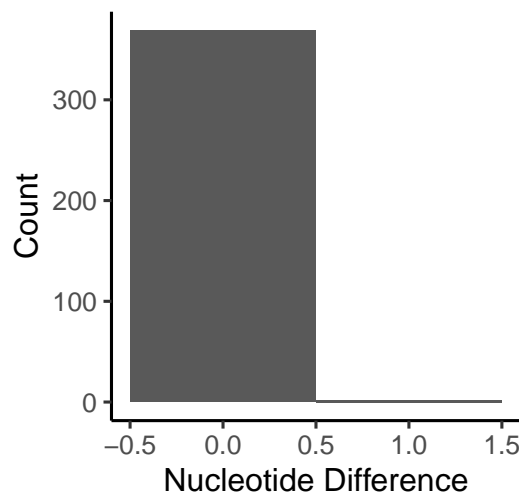1129 unique CDR3
13 unique J

TRBV5-4*ap01

8122 sequences assigned
8056 (99.2%) exact matches, in which:
7978 unique CDR3
13 unique J

TRBV5-7*ap01

234 sequences assigned
226 (96.6%) exact matches, in which:
221 unique CDR3
12 unique J

TRBV6-4*ap01

3975 sequences assigned
3910 (98.4%) exact matches, in which:
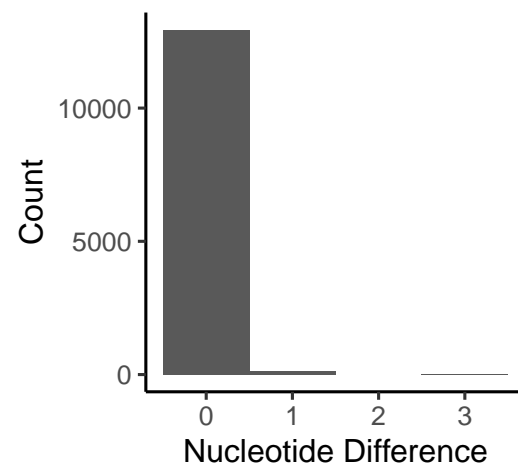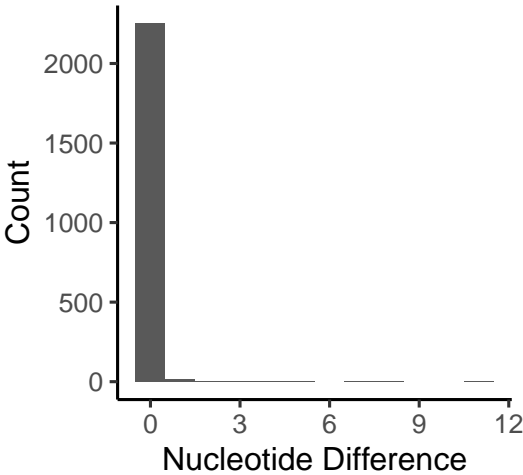3886 unique CDR3
13 unique J

TRBV5-5*ap01

2236 sequences assigned
2224 (99.5%) exact matches, in which:
2216 unique CDR3
13 unique J

TRBV5-8*ap01

1946 sequences assigned
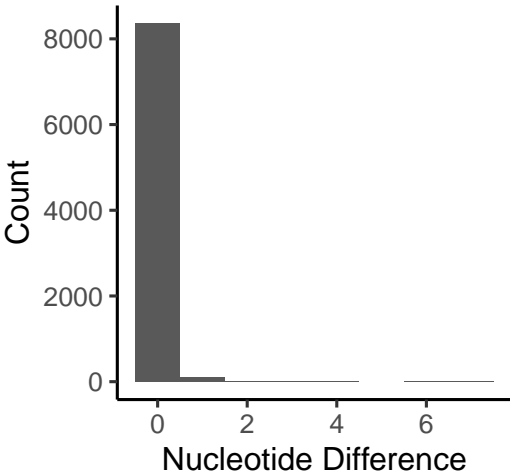1922 (98.8%) exact matches, in which:
1907 unique CDR3
13 unique J
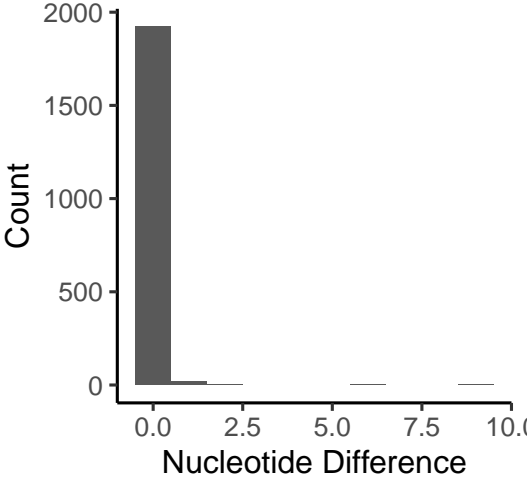
TRBV6-7*ap01

498 sequences assigned
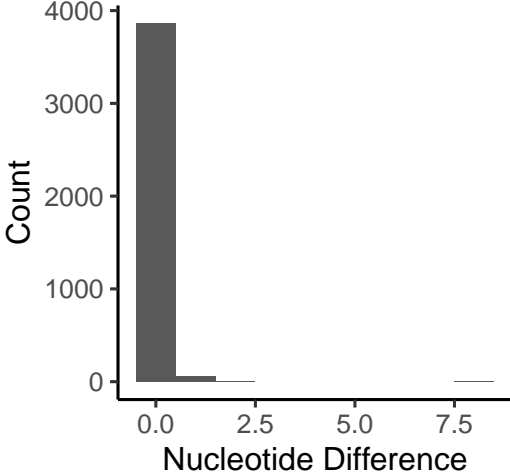492 (98.8%) exact matches, in which:
486 unique CDR3
13 unique J
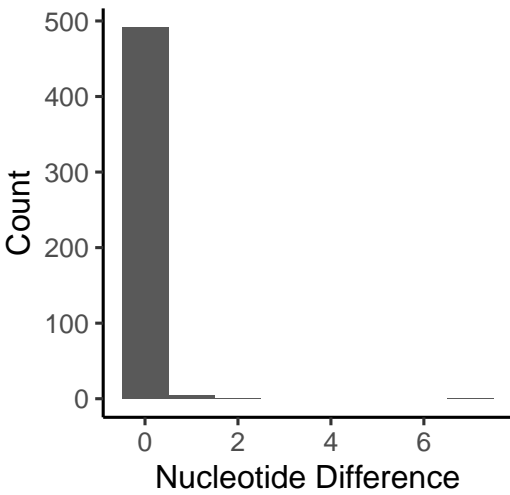
TRBV5-6*ap01

7167 sequences assigned
7031 (98.1%) exact matches, in which:
6895 unique CDR3
13 unique J

TRBV6-1*ap01

5753 sequences assigned
5446 (94.7%) exact matches, in which:
5359 unique CDR3
13 unique J

TRBV6-8*ap01

244 sequences assigned
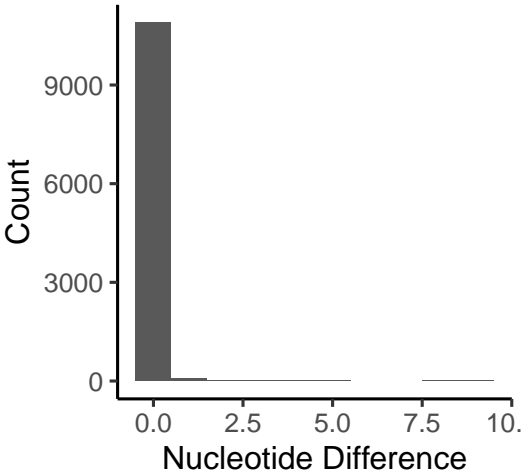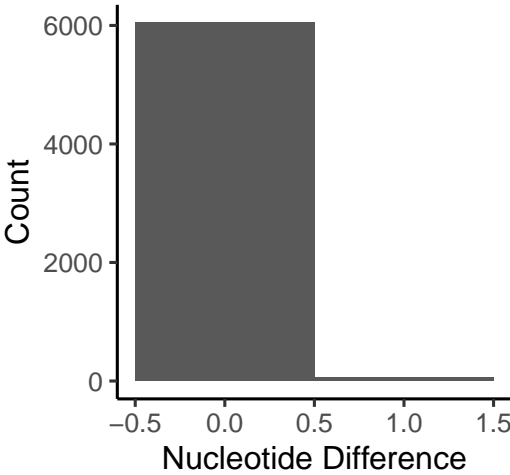242 (99.2%) exact matches, in which:
238 unique CDR3
13 unique J

TRBV6−9*ap01

278 sequences assigned
121 (43.5%) exact matches, in which:
120 unique CDR3
13 unique J

TRBV6−56*ap02

3811 sequences assigned
3301 (86.6%) exact matches, in which:
3243 unique CDR3
13 unique J

TRBV7−3*ap01

8088 sequences assigned
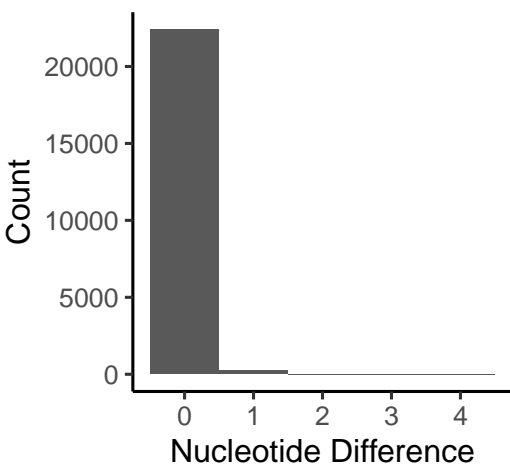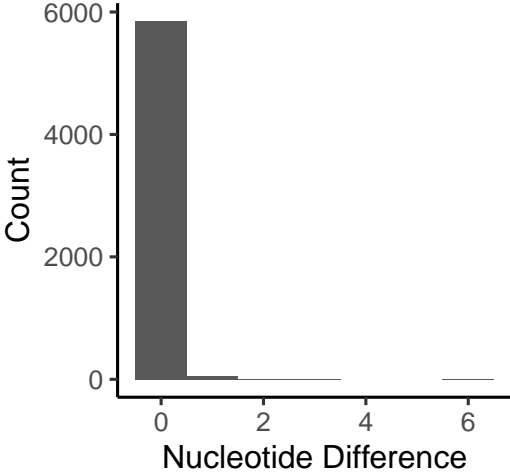7993 (98.8%) exact matches, in which:
7937 unique CDR3
13 unique J

TRBV6−23*ap01

15193 sequences assigned
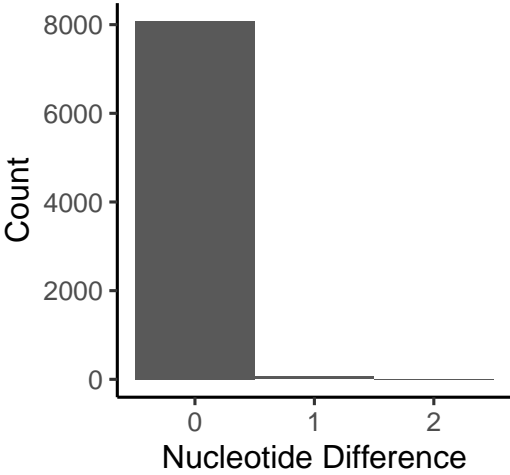15007 (98.8%) exact matches, in which:
14739 unique CDR3
13 unique J

TRBV7−1*ap01_G291C_

217 sequences assigned
208 (95.9%) exact matches, in which:
205 unique CDR3
13 unique J

TRBV7−4*ap01

648 sequences assigned
636 (98.1%) exact matches, in which:
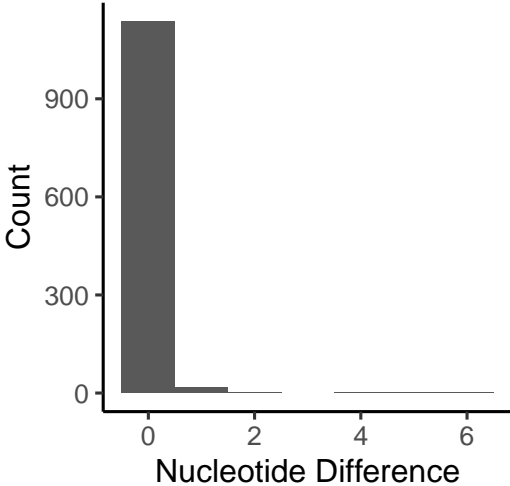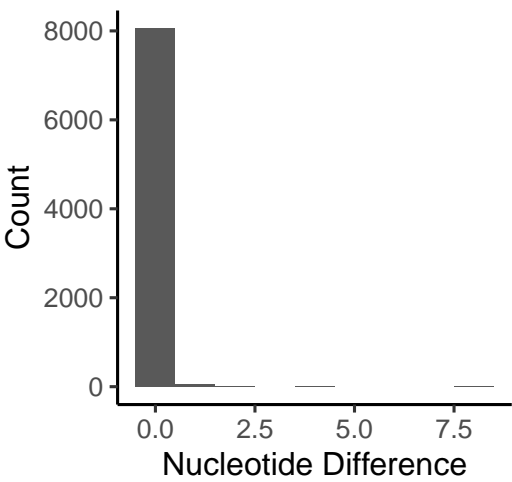627 unique CDR3
13 unique J

TRBV6−56*ap01

10362 sequences assigned
10253 (98.9%) exact matches, in which:
10059 unique CDR3
13 unique J

TRBV7−2*ap01

18130 sequences assigned
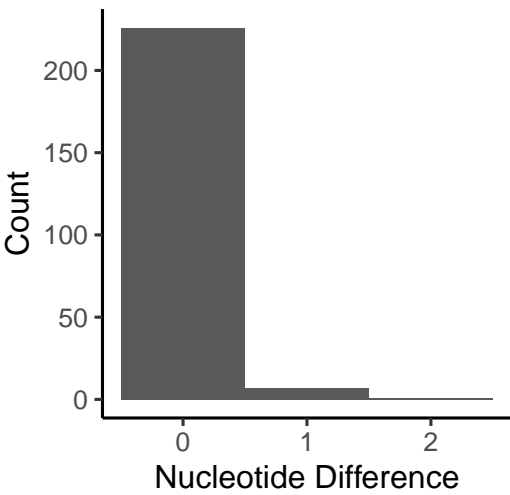18036 (99.5%) exact matches, in which:
17910 unique CDR3
13 unique J

TRBV7−6*ap01

3089 sequences assigned
3068 (99.3%) exact matches, in which:
3044 unique CDR3
13 unique J

TRBV7−7*ap01

953 sequences assigned
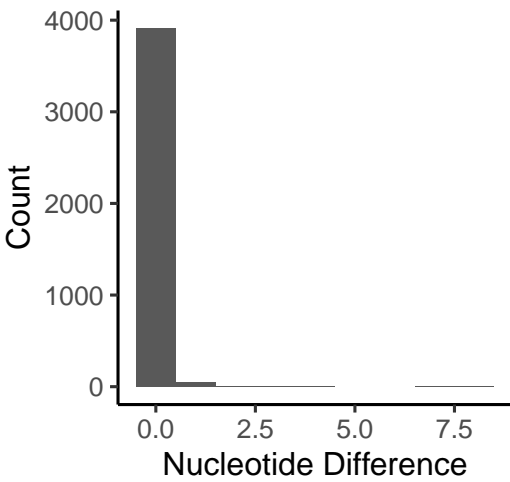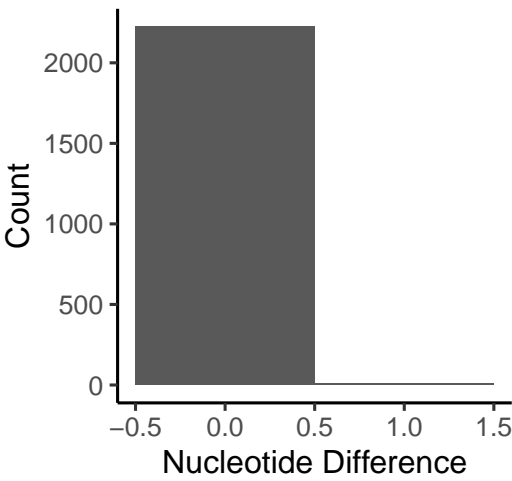943 (99%) exact matches, in which:
938 unique CDR3
12 unique J

TRBV7−8*ap03

1583 sequences assigned
924 (58.4%) exact matches, in which:
917 unique CDR3
13 unique J

TRBV29−1*ap02

1607 sequences assigned
1583 (98.5%) exact matches, in which:
1550 unique CDR3
13 unique J

TRBV7−7*ap01_C315T

874 sequences assigned
869 (99.4%) exact matches, in which:
860 unique CDR3
13 unique J

TRBV7−9*ap01

14110 sequences assigned
13957 (98.9%) exact matches, in which:
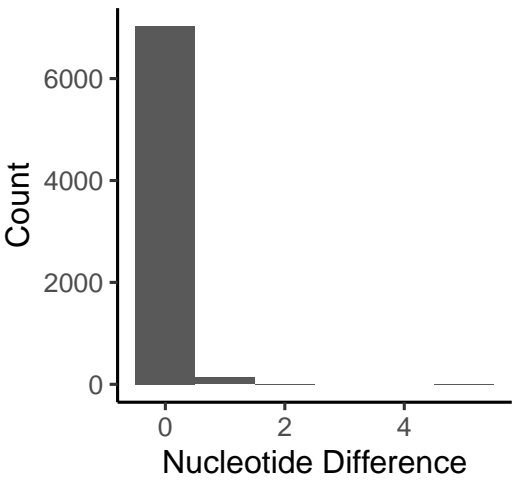13830 unique CDR3
13 unique J

TRBV7−8*ap01

2824 sequences assigned
2811 (99.5%) exact matches, in which:
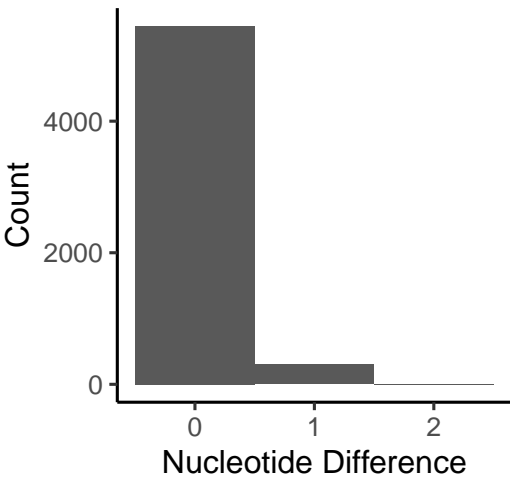2784 unique CDR3
13 unique J

TRBV29−1*ap01

7554 sequences assigned
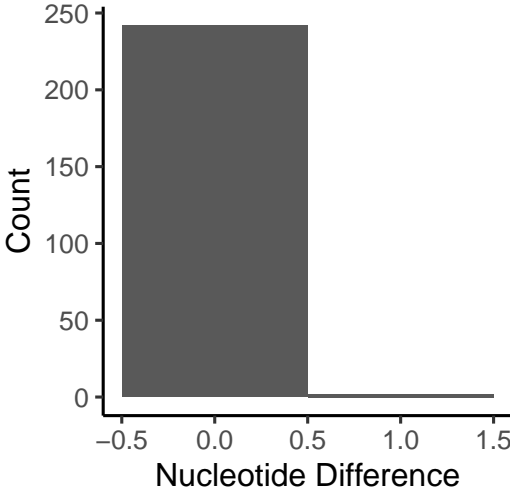7442 (98.5%) exact matches, in which:
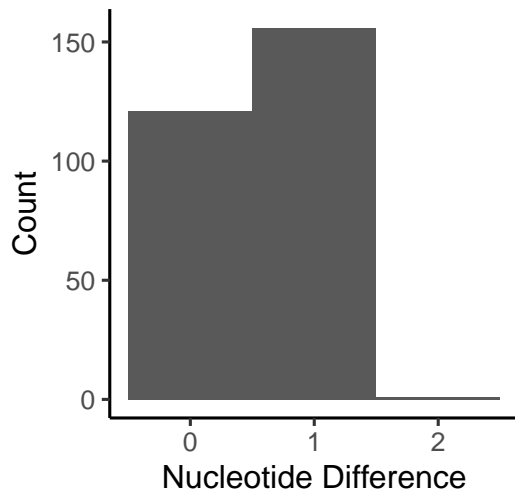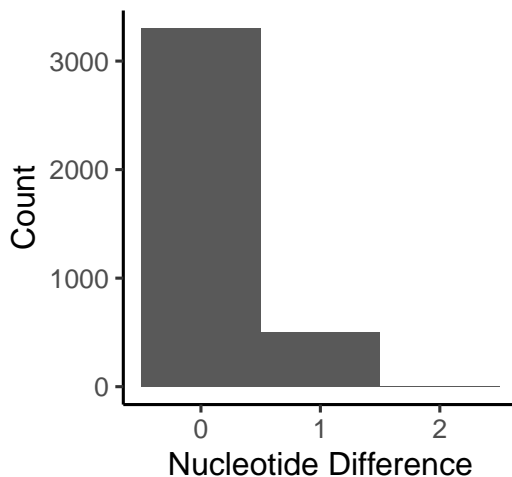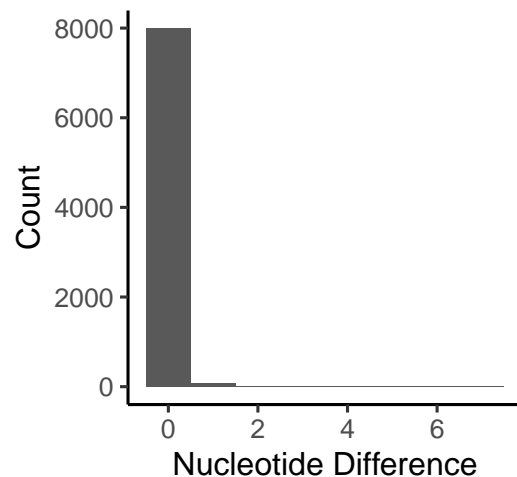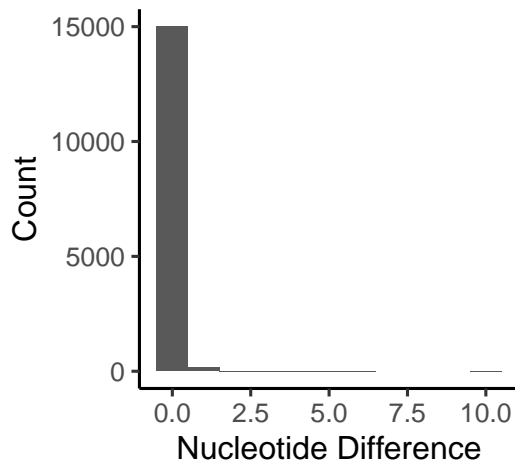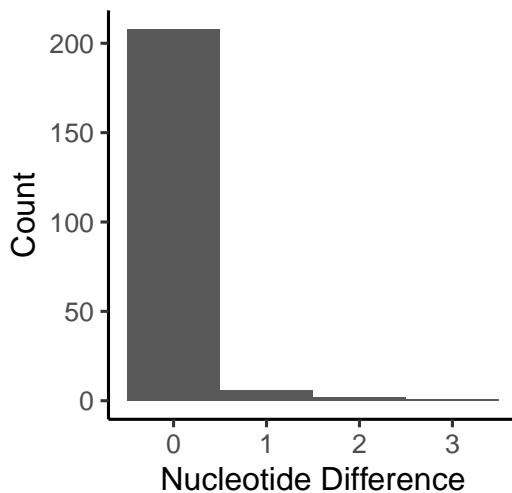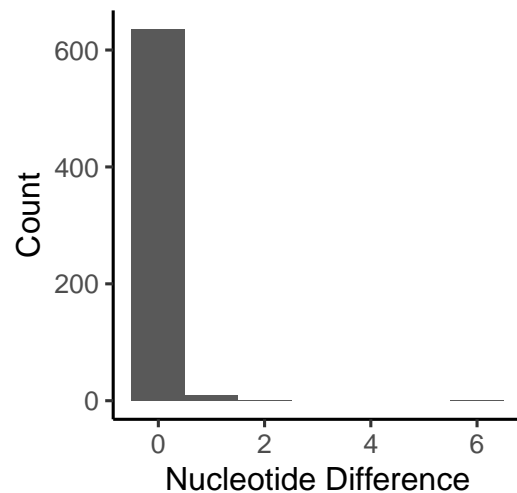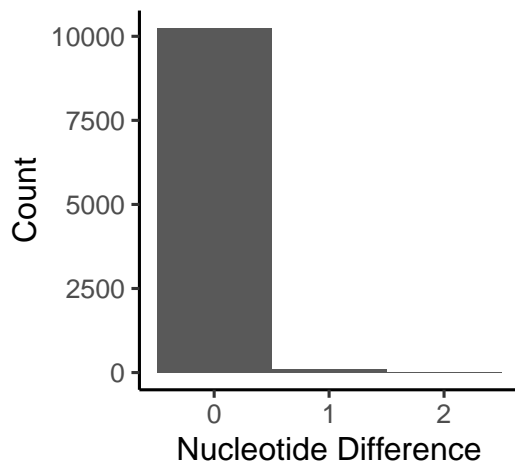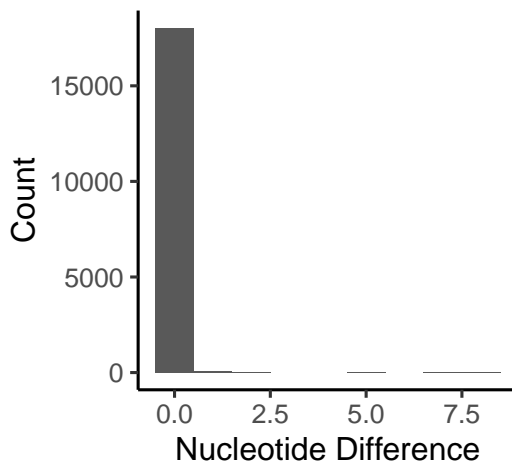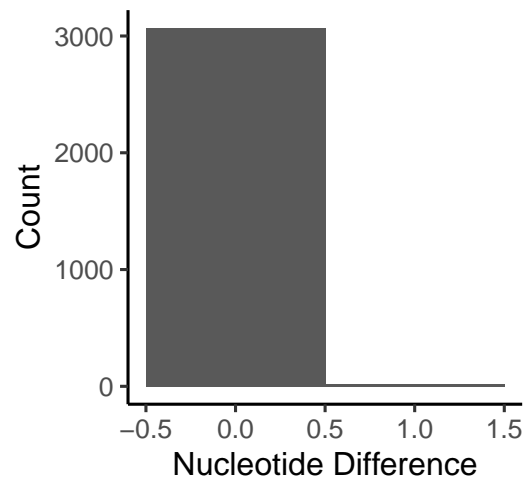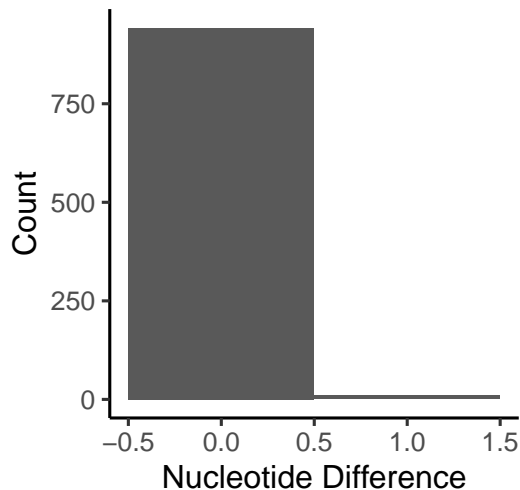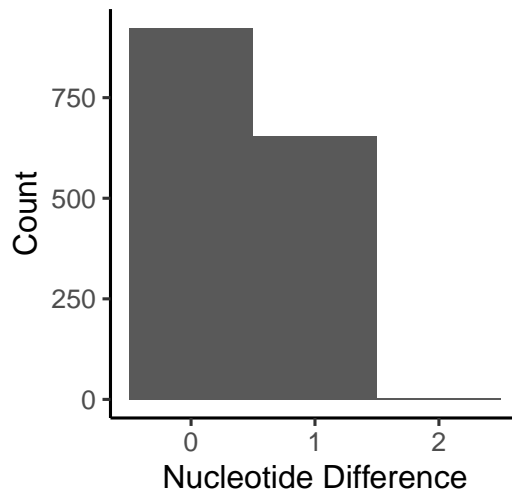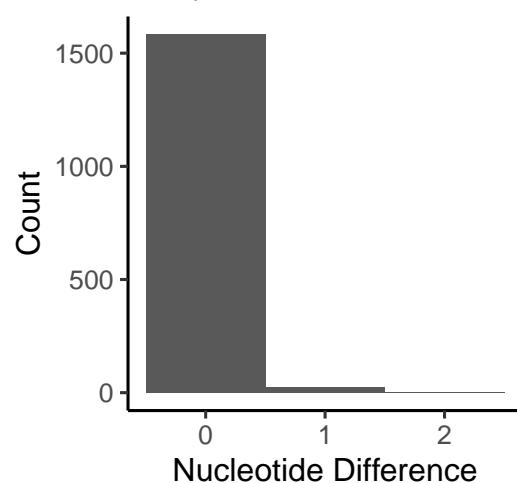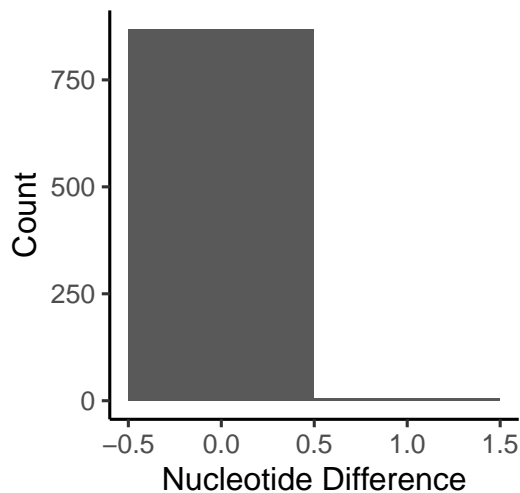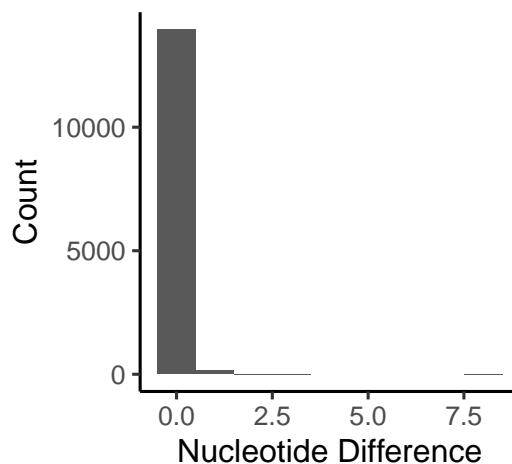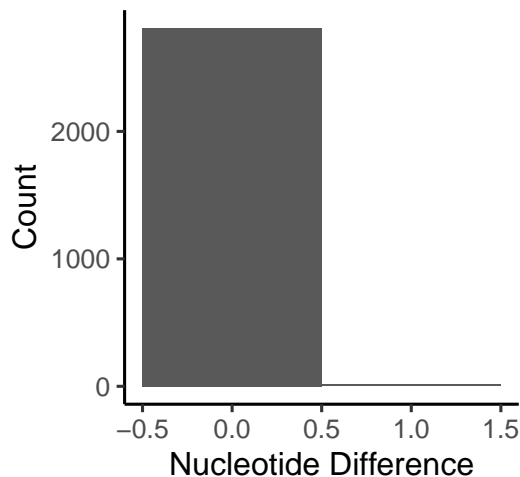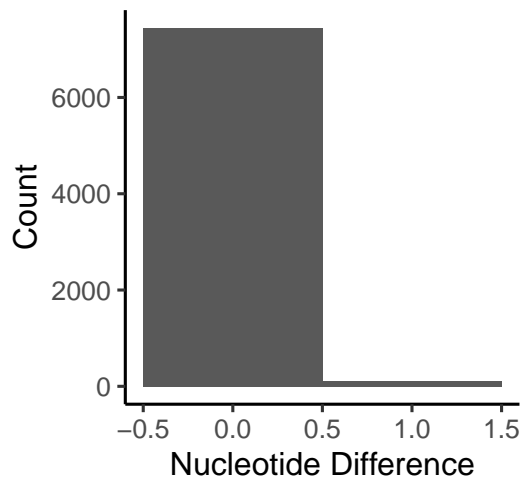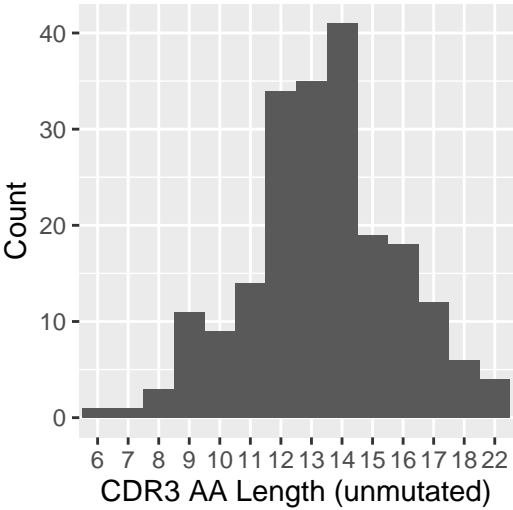7276 unique CDR3
13 unique J

TRBV7−1*ap01_G291C_T296C

CDR3 AA Length (unmutated)

TRBV7−7*ap01_C315T

CDR3 AA Length (unmutated)

Allele Usage

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