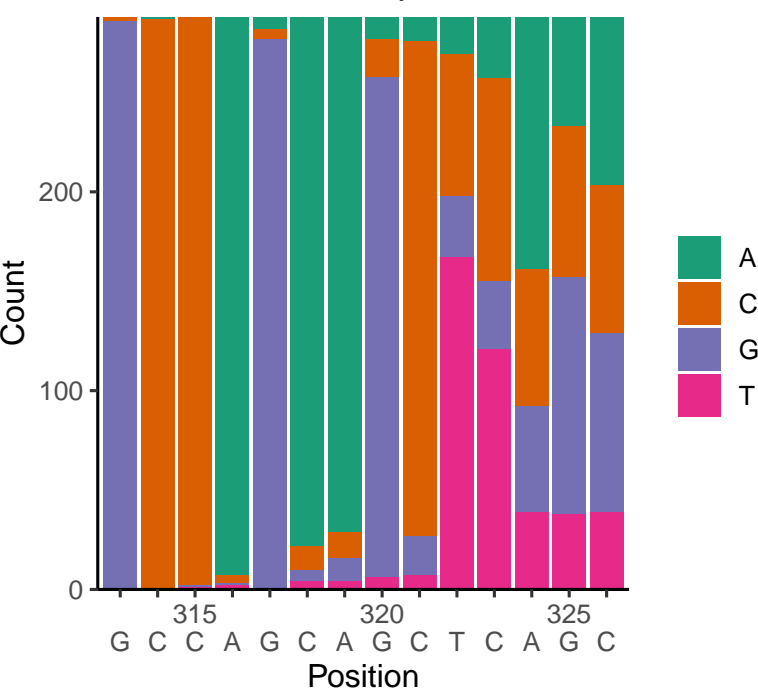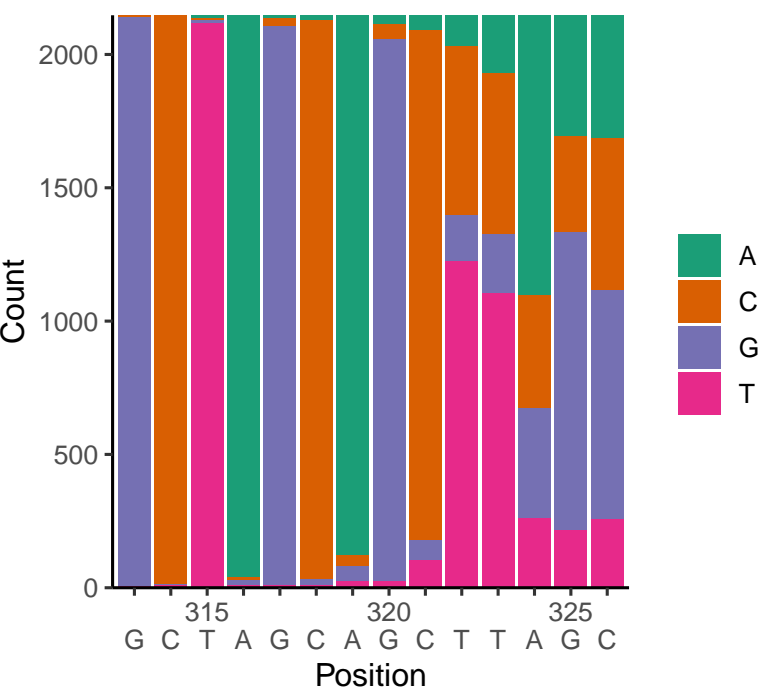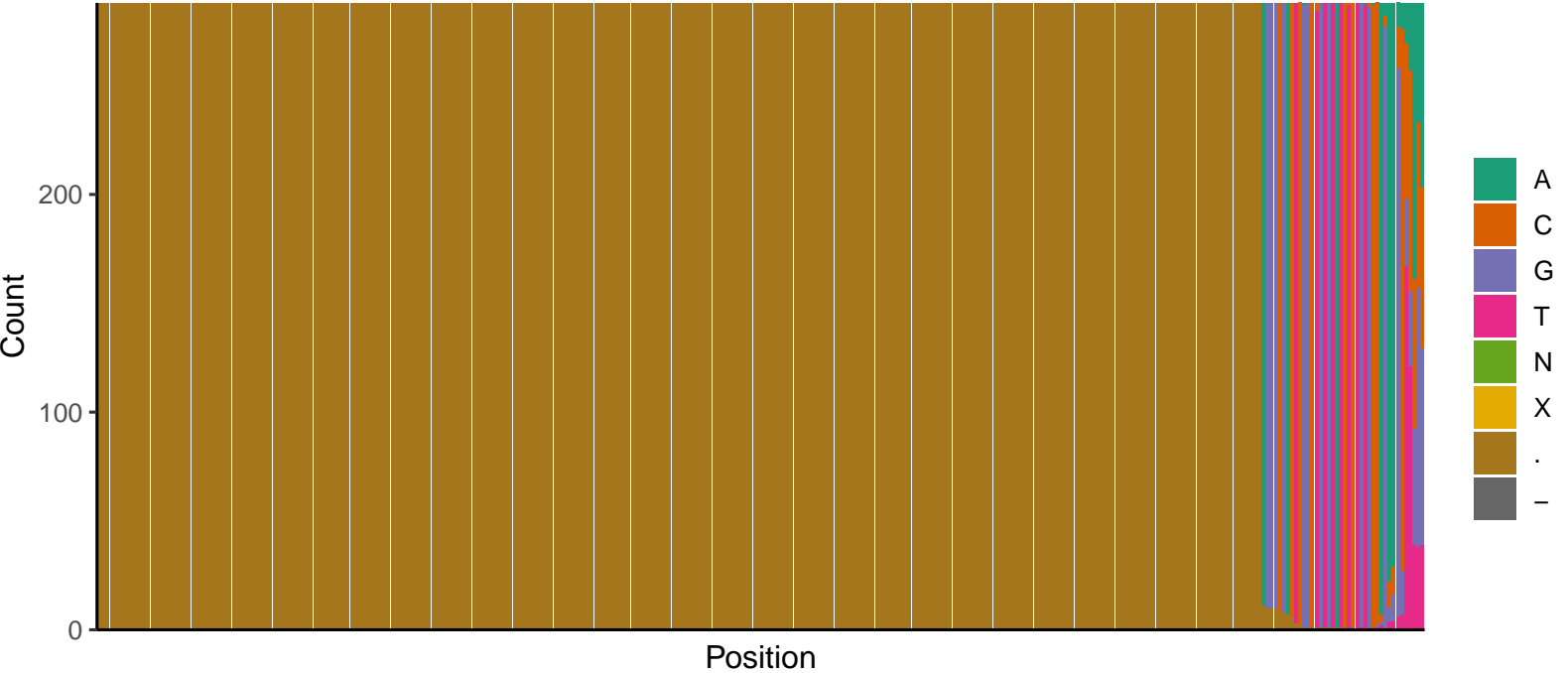Gene TRBV7−1*ap01_G291C_T296C
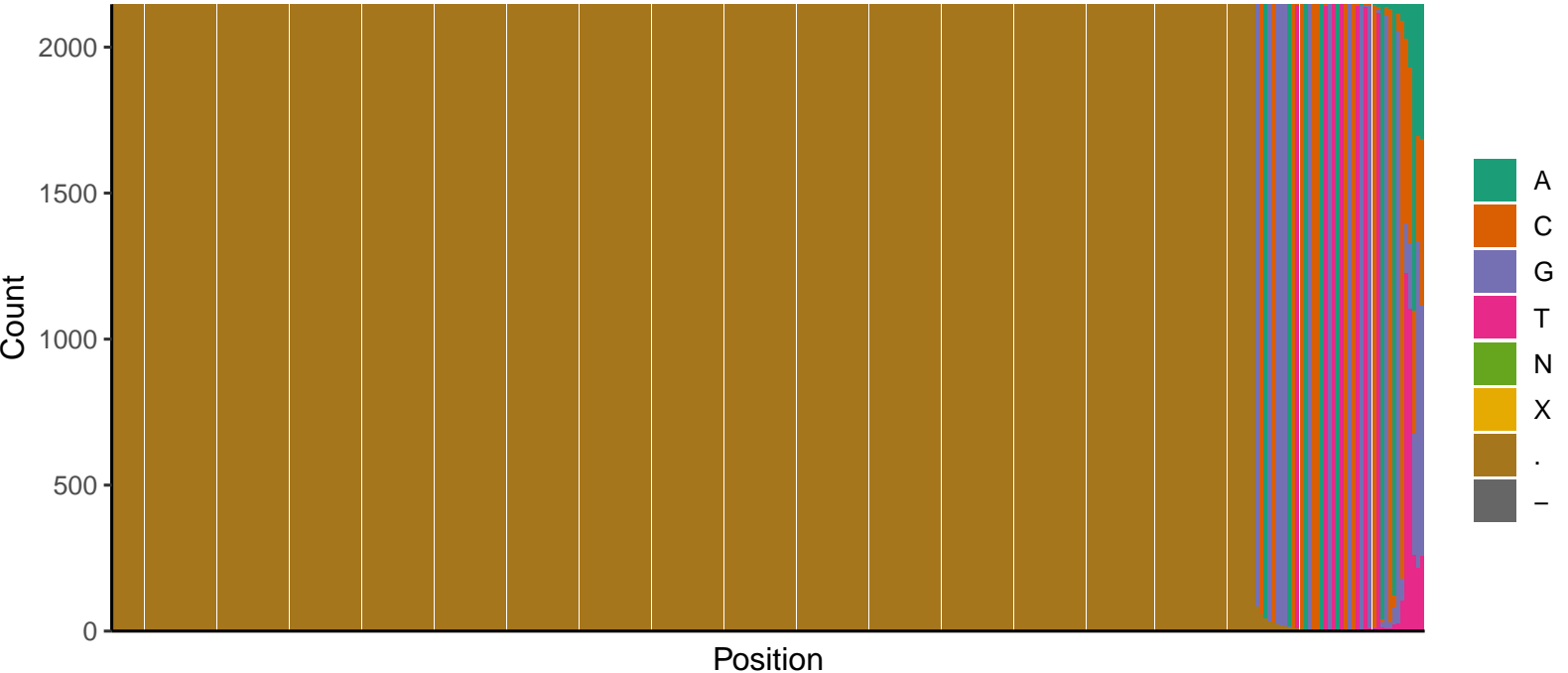
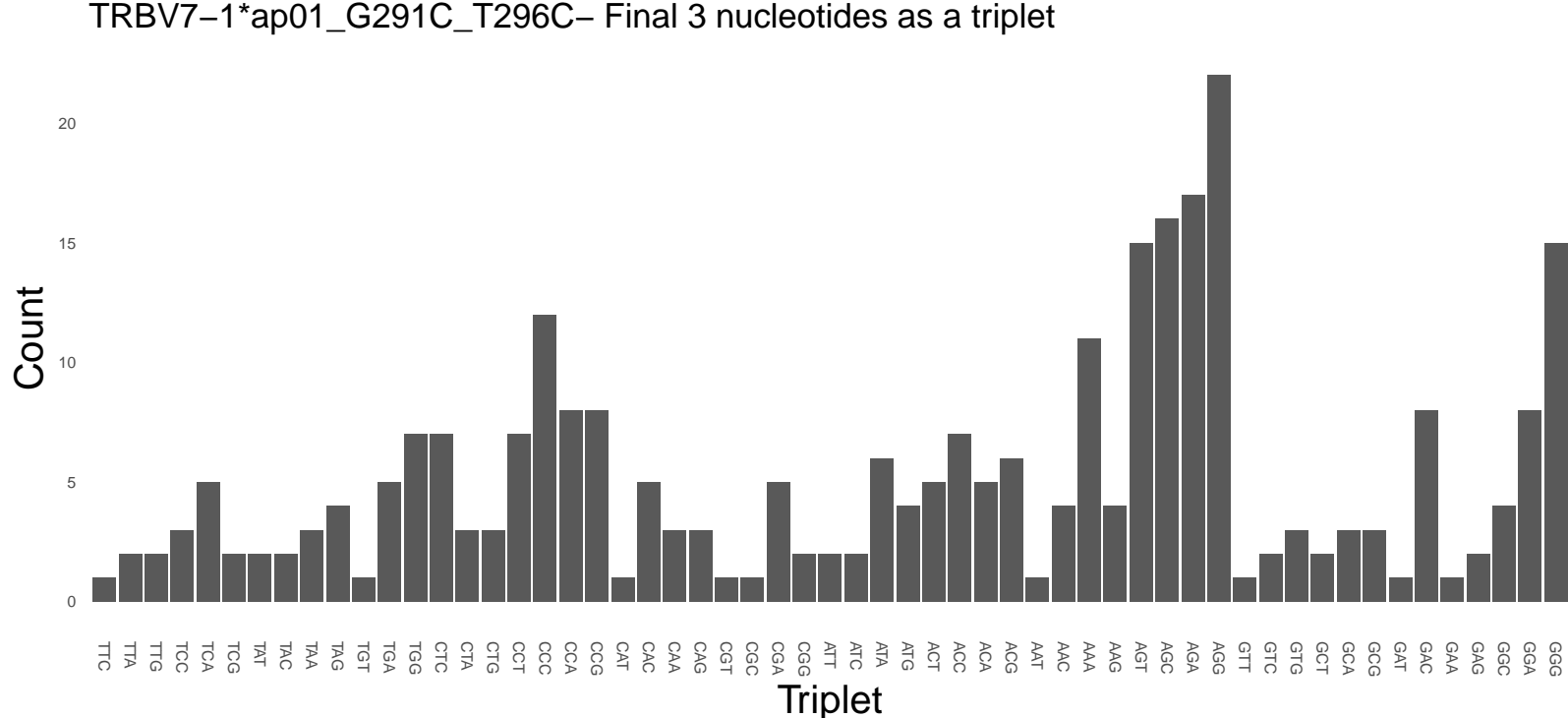Gene TRBV7−7*ap01_C315T

Gene TRBV7−1*ap01_G291C_T296C

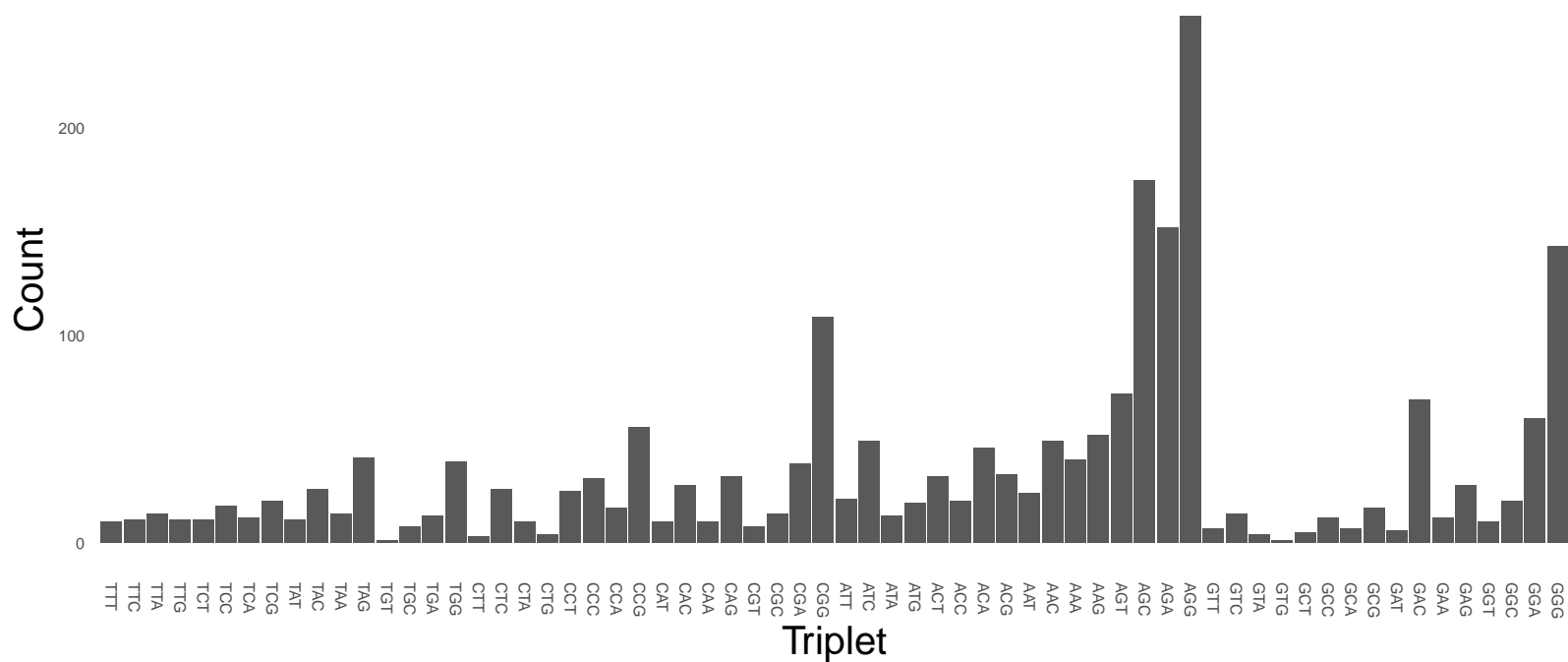Gene TRBV7−7*ap01_C315T

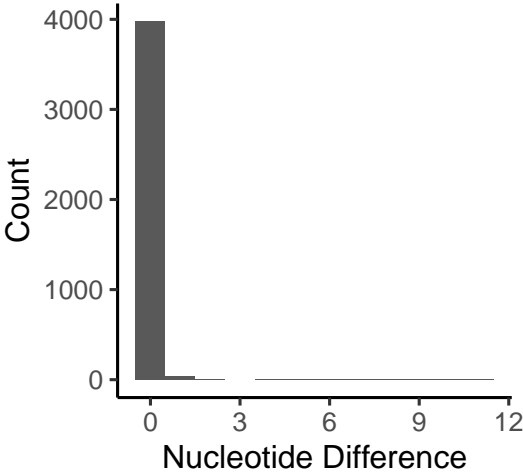# TRBV7−1*ap01_G291C_T296C− Final 3 nucleotides as a triplet

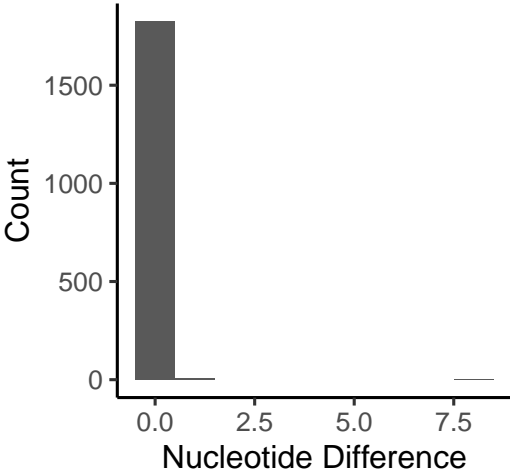# TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet

TRBV10−1*ap01

4027 sequences assigned
3977 (98.8%) exact matches, in which:
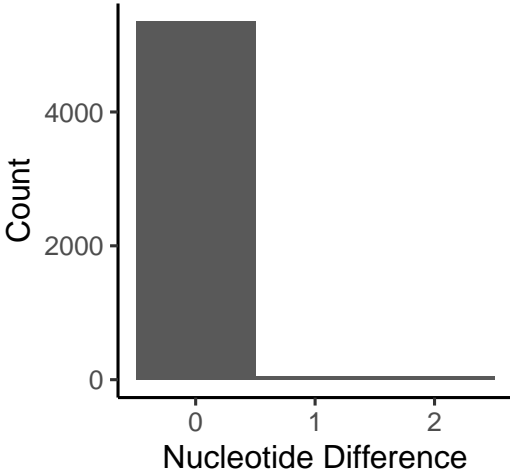3868 unique CDR3
13 unique J

TRBV10−2*ap01

1836 sequences assigned
1825 (99.4%) exact matches, in which:
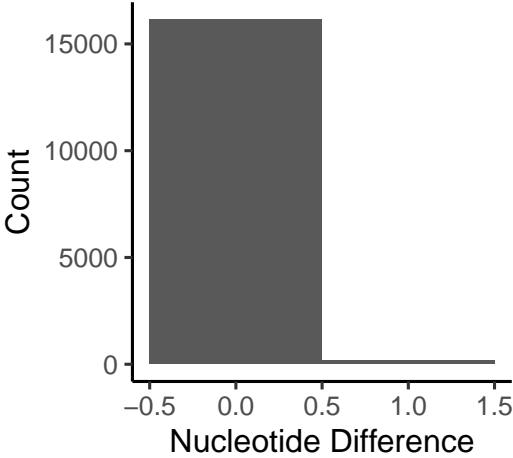1796 unique CDR3
13 unique J

TRBV13*ap01

5461 sequences assigned
5353 (98%) exact matches, in which:
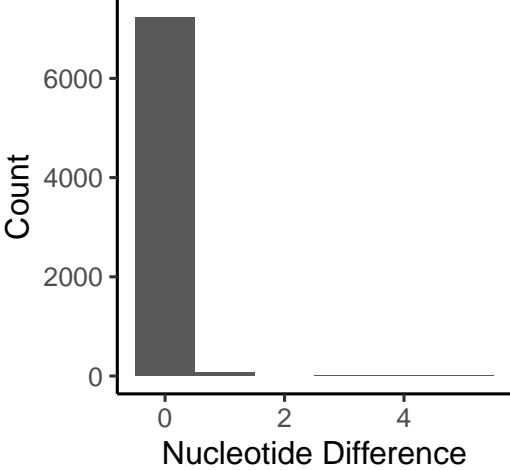5185 unique CDR3
13 unique J

TRBV20−1*ap01

16319 sequences assigned
16144 (98.9%) exact matches, in which:
15862 unique CDR3
13 unique J

TRBV10−3*ap01

7292 sequences assigned
7223 (99.1%) exact matches, in which:
7089 unique CDR3
13 unique J

TRBV14*ap01

5313 sequences assigned
5283 (99.4%) exact matches, in which:
5214 unique CDR3
13 unique J

TRBV20−1*ap02

2691 sequences assigned
2659 (98.8%) exact matches, in which:
2602 unique CDR3
13 unique J

TRBV1*ap01

944 sequences assigned
931 (98.6%) exact matches, in which:
906 unique CDR3
13 unique J

TRBV15*ap02

6331 sequences assigned
6275 (99.1%) exact matches, in which:
6112 unique CDR3
13 unique J

TRBV16*ap01
293 sequences assigned
292 (99.7%) exact matches, in which:
291 unique CDR3
13 unique J

TRBV19*ap01
22216 sequences assigned
22057 (99.3%) exact matches, in which:
21909 unique CDR3
13 unique J

TRBV27*ap01
19415 sequences assigned
19186 (98.8%) exact matches, in which:
18646 unique CDR3
13 unique J

TRBV17*ap01
2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J

TRBV2*ap01
17636 sequences assigned
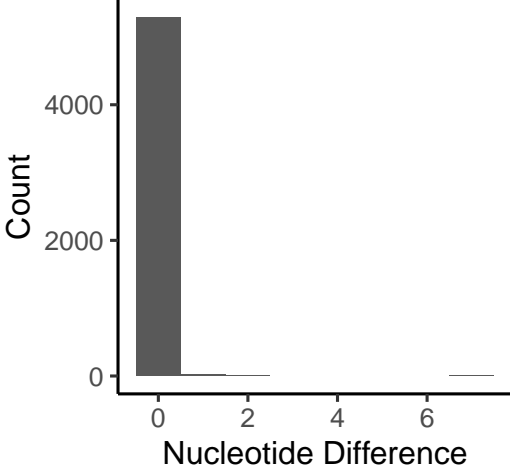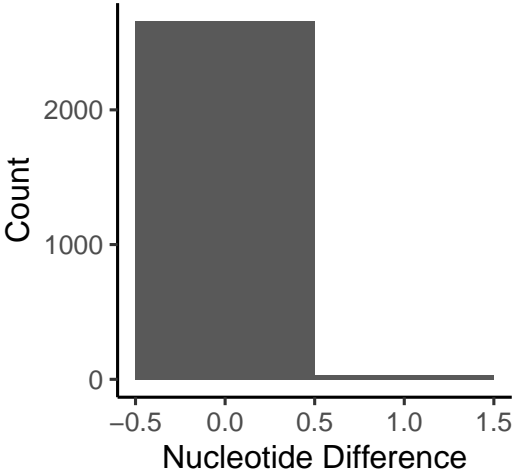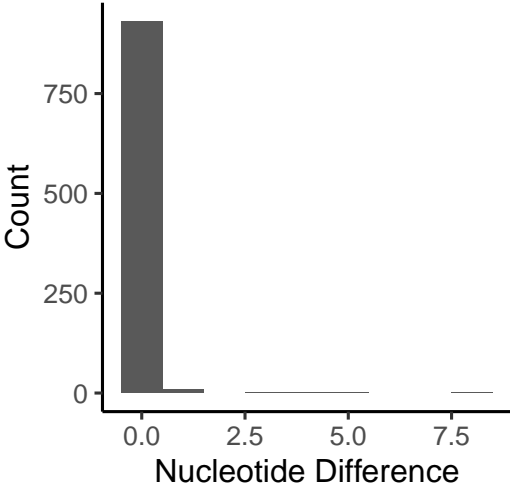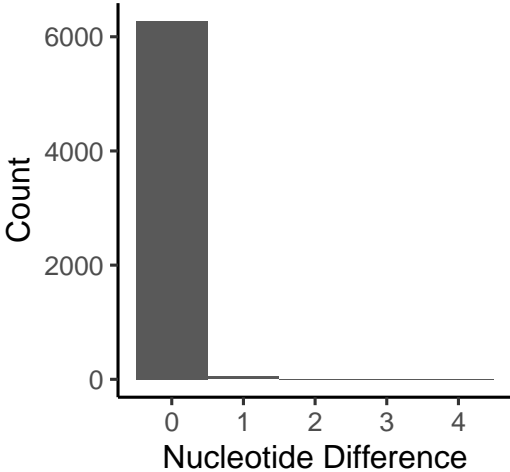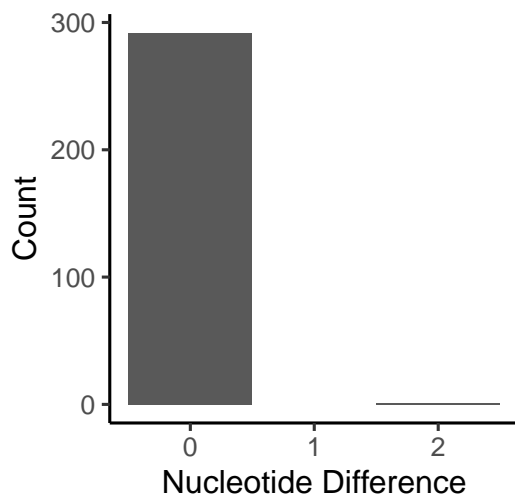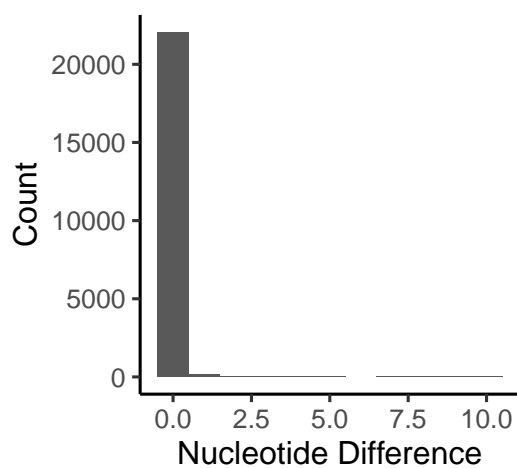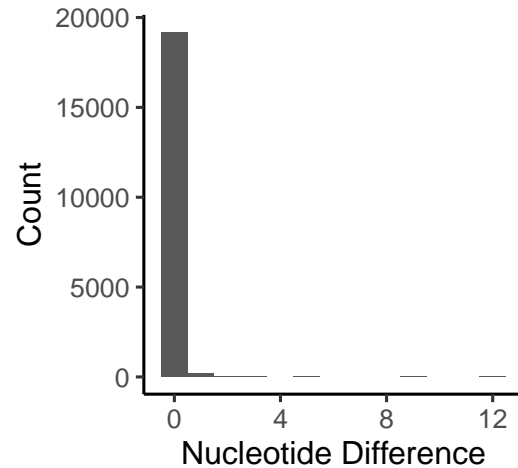17430 (98.8%) exact matches, in which:
16963 unique CDR3
13 unique J

TRBV28*ap01
3679 sequences assigned
3653 (99.3%) exact matches, in which:
3606 unique CDR3
13 unique J

TRBV18*ap01
7213 sequences assigned
7179 (99.5%) exact matches, in which:
7116 unique CDR3
13 unique J

TRBV26*ap01
2 sequences assigned
2 (100%) exact matches, in which:
2 unique CDR3
1 unique J

TRBV30*ap01
17879 sequences assigned
17607 (98.5%) exact matches, in which:
17187 unique CDR3
13 unique J

TRBV9*ap01

16823 sequences assigned
16667 (99.1%) exact matches, in which:
16393 unique CDR3
13 unique J

TRBV11−2*ap01

9910 sequences assigned
9849 (99.4%) exact matches, in which:
9714 unique CDR3
13 unique J

TRBV12−2*ap01

1162 sequences assigned
1152 (99.1%) exact matches, in which:
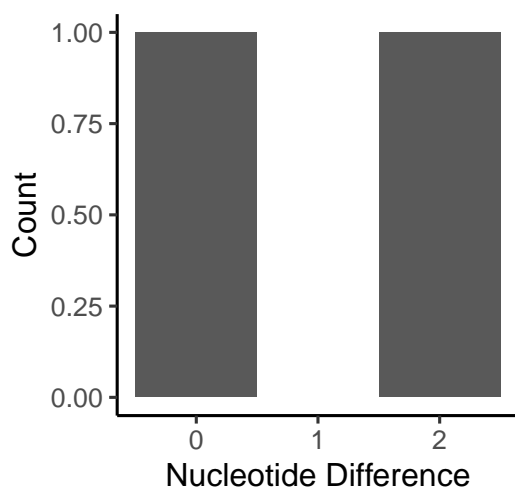1134 unique CDR3
13 unique J

TRBV21−1*ap01

7172 sequences assigned
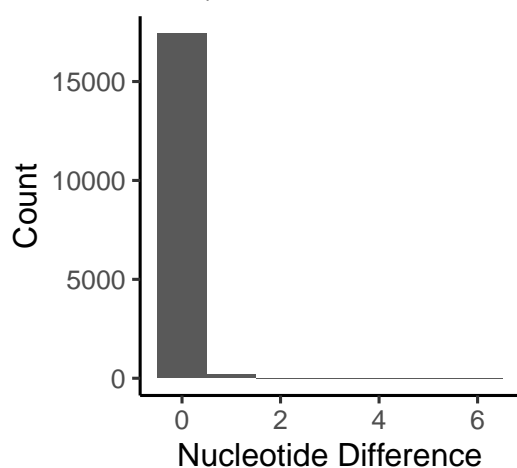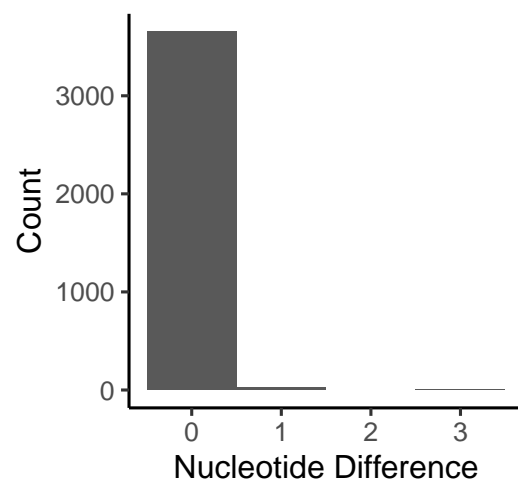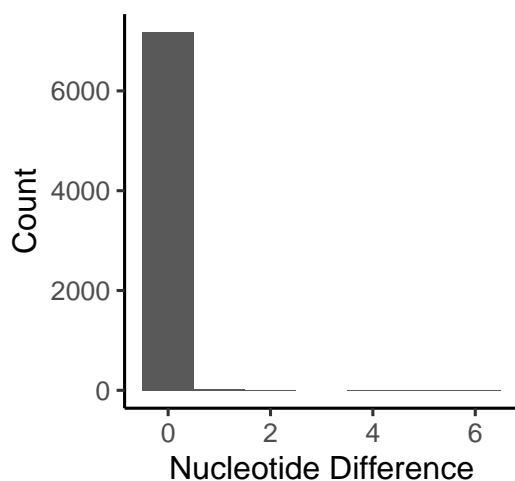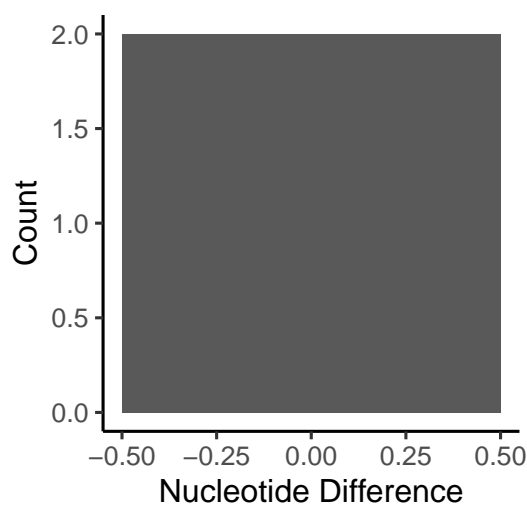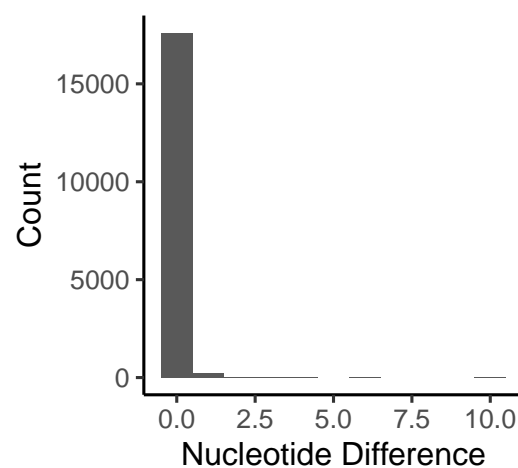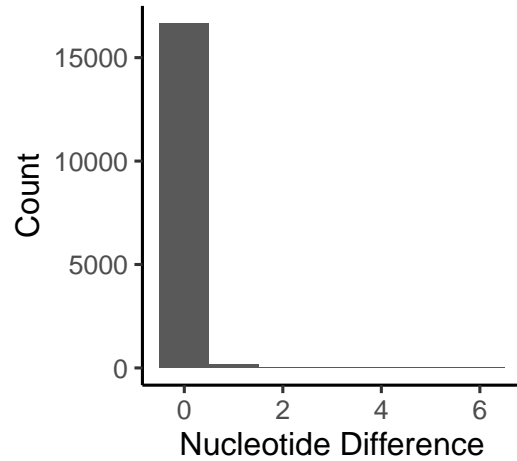7075 (98.6%) exact matches, in which:
7022 unique CDR3
13 unique J

TRBV11−3*ap01

4392 sequences assigned
4360 (99.3%) exact matches, in which:
4312 unique CDR3
13 unique J

TRBV12−5*ap01

3880 sequences assigned
3852 (99.3%) exact matches, in which:
3778 unique CDR3
13 unique J

TRBV11−1*ap01

1594 sequences assigned
1589 (99.7%) exact matches, in which:
1562 unique CDR3
13 unique J

TRBV12−1*ap01

440 sequences assigned
436 (99.1%) exact matches, in which:
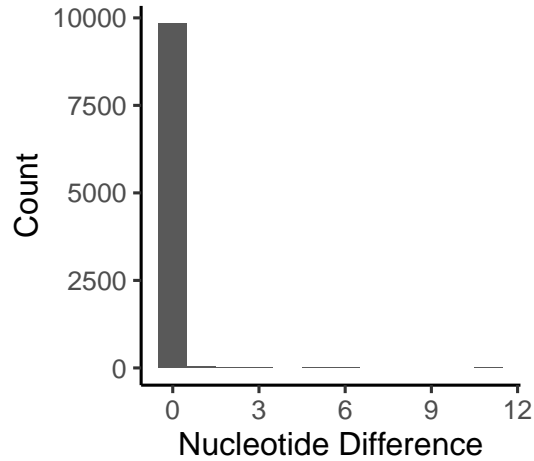430 unique CDR3
13 unique J

TRBV12−34*ap01

24117 sequences assigned
23895 (99.1%) exact matches, in which:
23420 unique CDR3
13 unique J

TRBV23–1*ap01

3213 sequences assigned
3188 (99.2%) exact matches, in which:
3153 unique CDR3
13 unique J

TRBV24–1*ap01

8263 sequences assigned
8148 (98.6%) exact matches, in which:
7940 unique CDR3
13 unique J

TRBV5–1*ap01

22368 sequences assigned
22131 (98.9%) exact matches, in which:
21452 unique CDR3
13 unique J

TRBV3–12*ap01

16426 sequences assigned
16249 (98.9%) exact matches, in which:
15812 unique CDR3
14 unique J

TRBV4–2*ap01

5672 sequences assigned
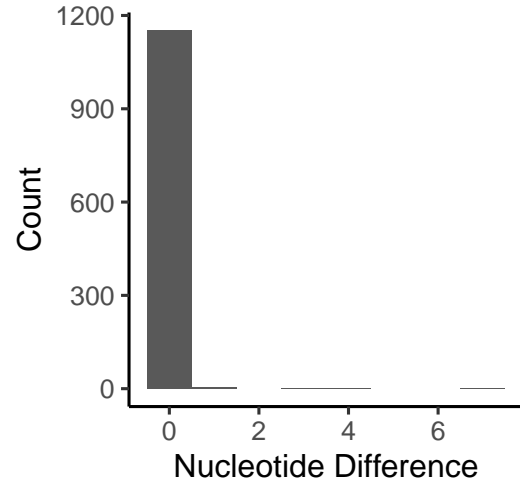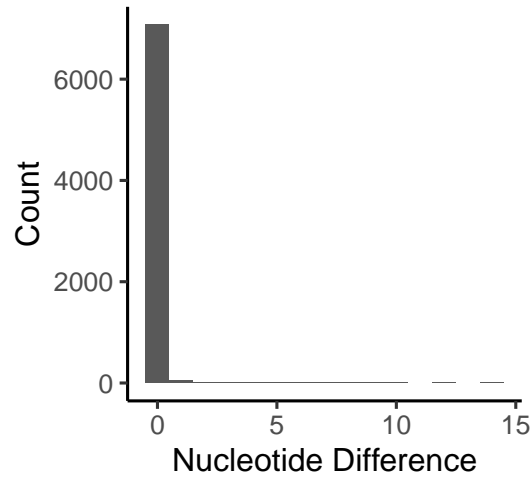5618 (99%) exact matches, in which:
5466 unique CDR3
13 unique J

TRBV5–3*ap01

1218 sequences assigned
1201 (98.6%) exact matches, in which:
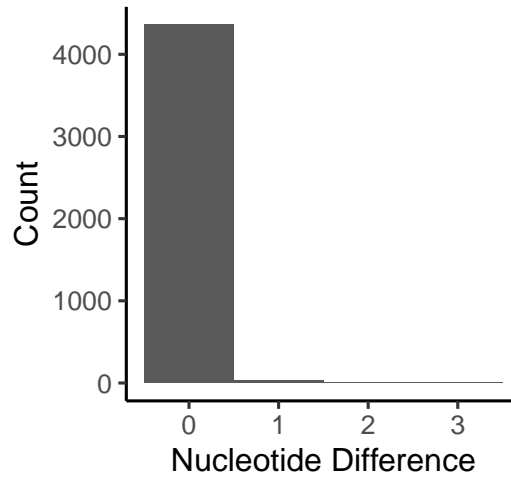1189 unique CDR3
13 unique J

TRBV4–1*ap01

12691 sequences assigned
12542 (98.8%) exact matches, in which:
12190 unique CDR3
13 unique J

TRBV25–1*ap01

5992 sequences assigned
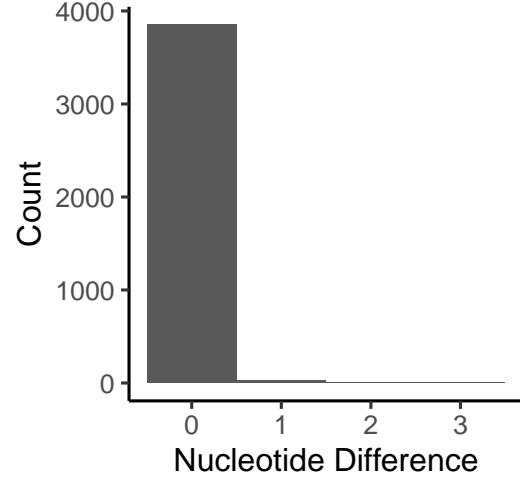5903 (98.5%) exact matches, in which:
5731 unique CDR3
13 unique J

TRBV5–4*ap01

9763 sequences assigned
9670 (99%) exact matches, in which:
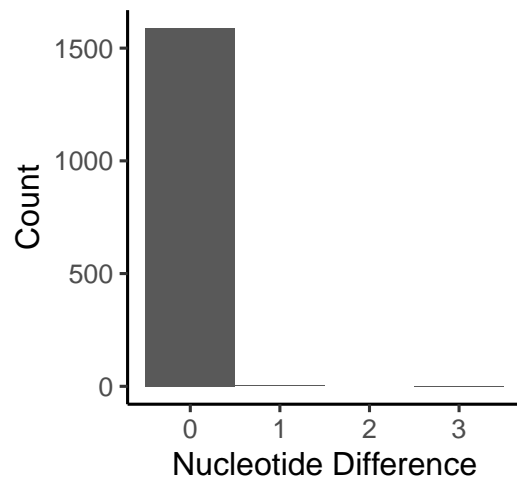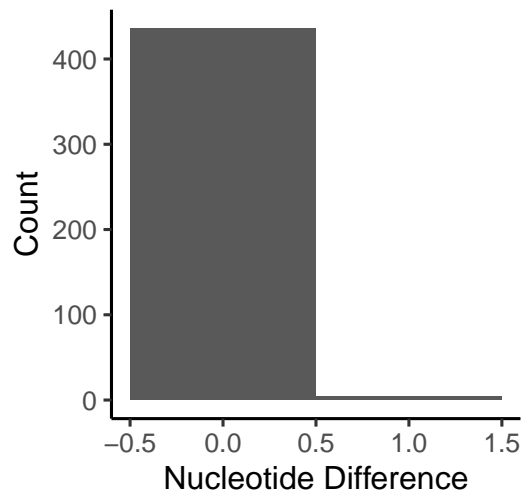9436 unique CDR3
13 unique J

TRBV5-5*ap01

3049 sequences assigned
3034 (99.5%) exact matches, in which:
3009 unique CDR3
13 unique J

TRBV5-8*ap01

2853 sequences assigned
2823 (98.9%) exact matches, in which:
2786 unique CDR3
13 unique J

TRBV6-7*ap01

713 sequences assigned
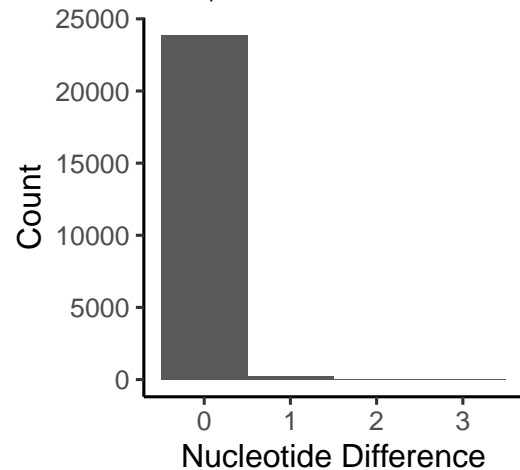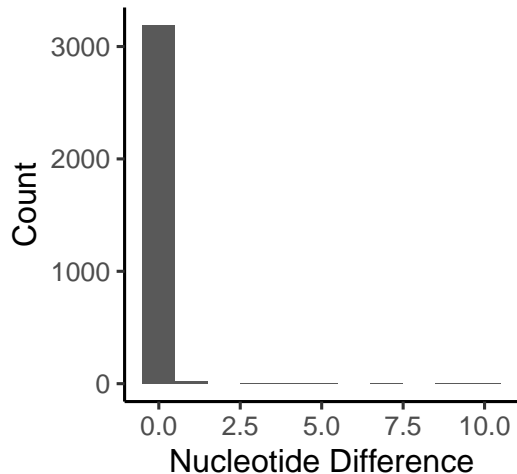699 (98%) exact matches, in which:
676 unique CDR3
13 unique J

TRBV5-6*ap01

10496 sequences assigned
10409 (99.2%) exact matches, in which:
10077 unique CDR3
13 unique J

TRBV6-1*ap01

10306 sequences assigned
10049 (97.5%) exact matches, in which:
9778 unique CDR3
14 unique J

TRBV6-8*ap01

349 sequences assigned
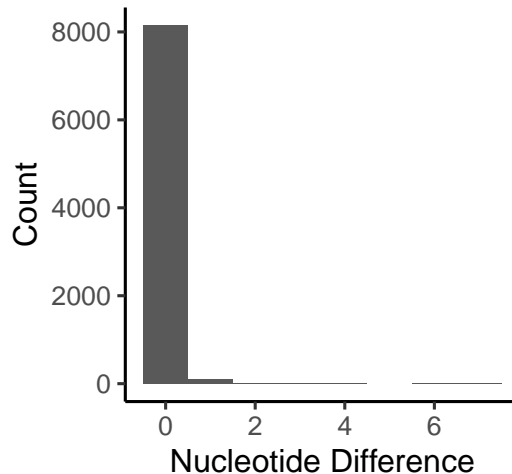347 (99.4%) exact matches, in which:
332 unique CDR3
13 unique J

TRBV5-7*ap01

308 sequences assigned
304 (98.7%) exact matches, in which:
293 unique CDR3
13 unique J

TRBV6-4*ap01

5423 sequences assigned
5354 (98.7%) exact matches, in which:
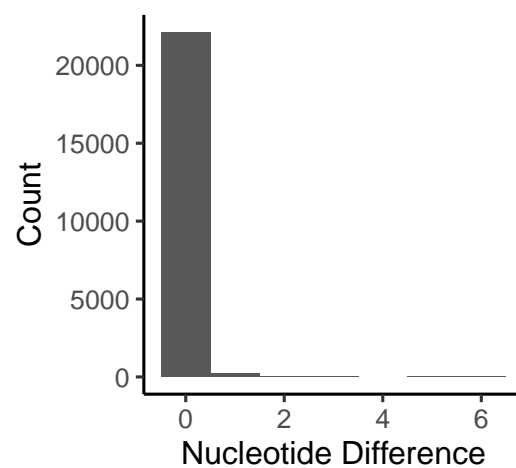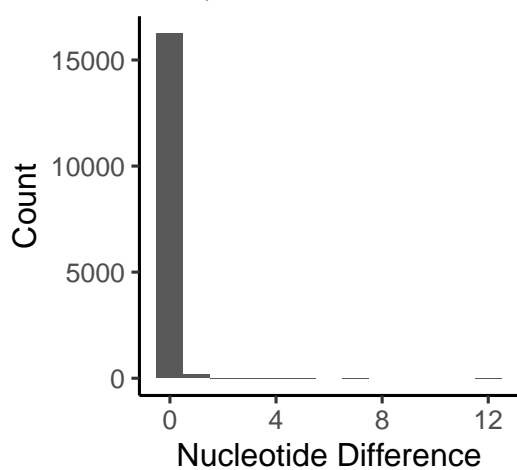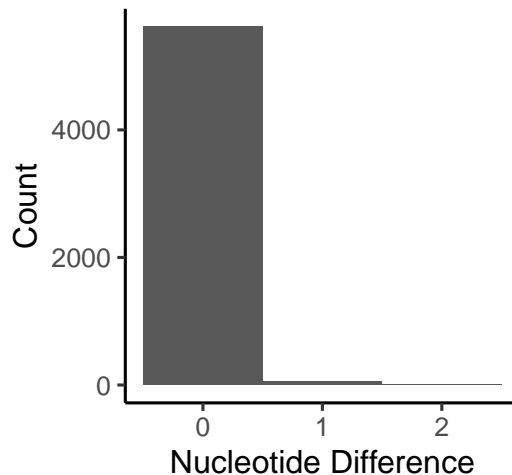5269 unique CDR3
13 unique J

TRBV6-9*ap01

549 sequences assigned
391 (71.2%) exact matches, in which:
373 unique CDR3
13 unique J

TRBV6-23*ap01

5713 sequences assigned
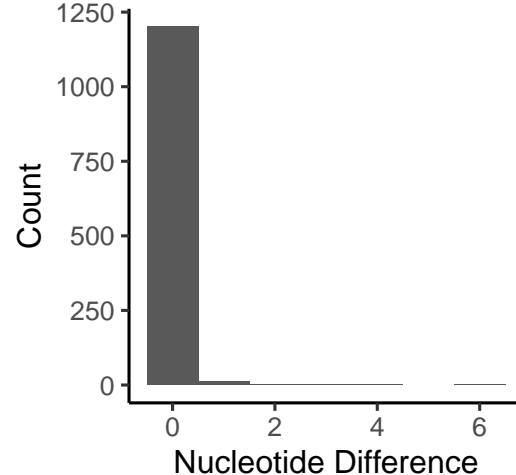5631 (98.6%) exact matches, in which:
5467 unique CDR3
13 unique J

TRBV7-1*ap01_G291C_T

288 sequences assigned
282 (97.9%) exact matches, in which:
277 unique CDR3
13 unique J
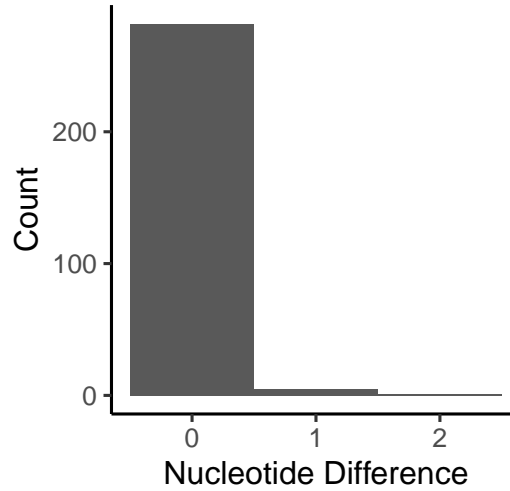
TRBV7-3*ap03

1812 sequences assigned
1795 (99.1%) exact matches, in which:
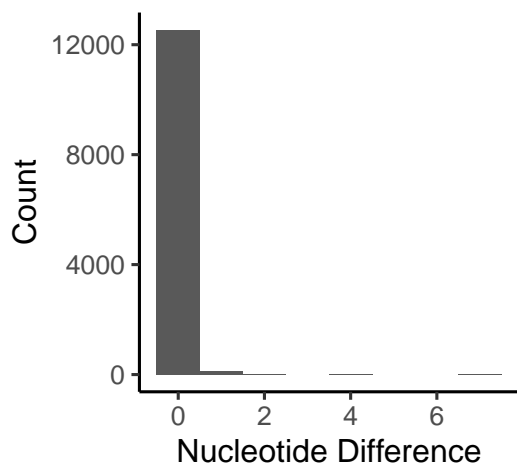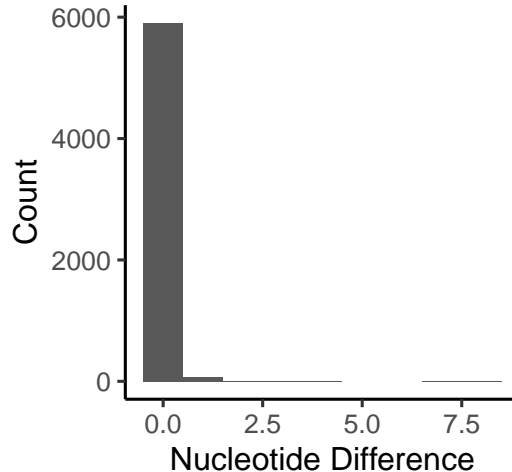1771 unique CDR3
13 unique J

TRBV6-56*ap01

13416 sequences assigned
13273 (98.9%) exact matches, in which:
12895 unique CDR3
13 unique J

TRBV7-2*ap01

8842 sequences assigned
8794 (99.5%) exact matches, in which:
8662 unique CDR3
13 unique J

TRBV7-4*ap01

773 sequences assigned
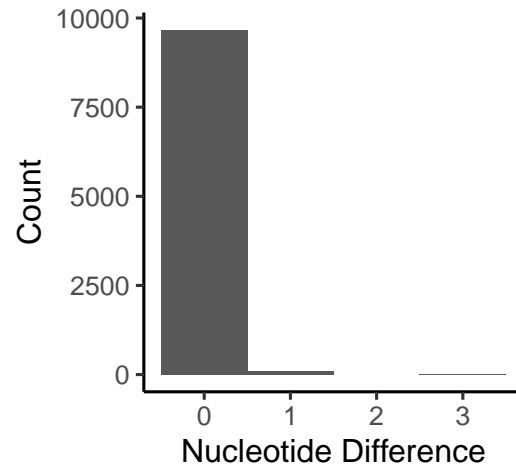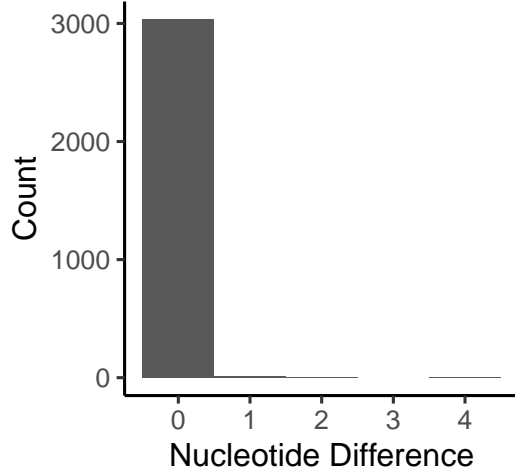763 (98.7%) exact matches, in which:
753 unique CDR3
13 unique J

TRBV6-56*ap02

4203 sequences assigned
3990 (94.9%) exact matches, in which:
3856 unique CDR3
13 unique J

TRBV7-3*ap01

4185 sequences assigned
4157 (99.3%) exact matches, in which:
4122 unique CDR3
13 unique J

TRBV7-6*ap01

5550 sequences assigned
5507 (99.2%) exact matches, in which:
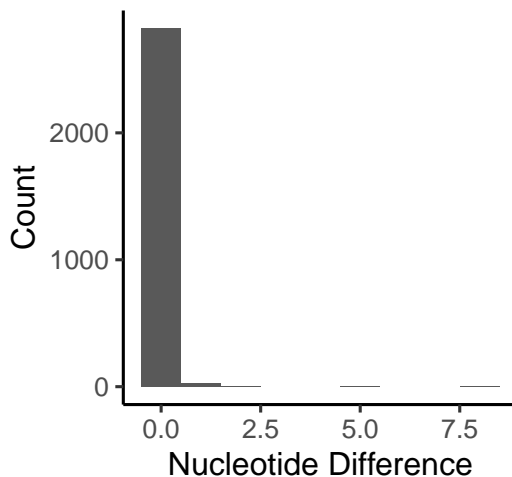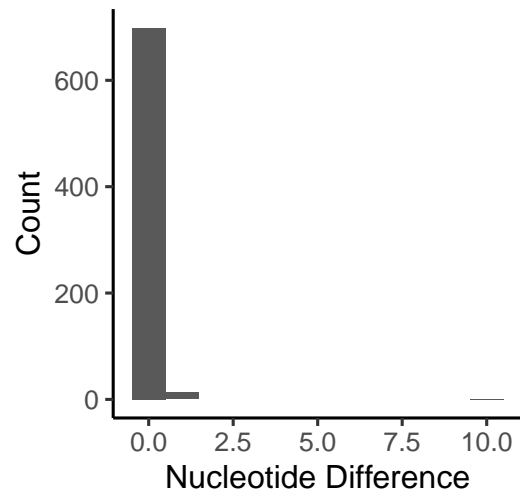5416 unique CDR3
13 unique J

TRBV7−7*ap01_C315T

2147 sequences assigned
2124 (98.9%) exact matches, in which:
2068 unique CDR3
13 unique J

TRBV7−9*ap01

19590 sequences assigned
19469 (99.4%) exact matches, in which:
19144 unique CDR3
13 unique J

TRBV7−8*ap01

3866 sequences assigned
3833 (99.1%) exact matches, in which:
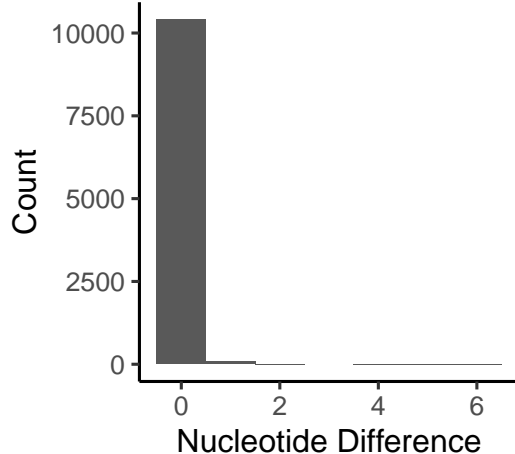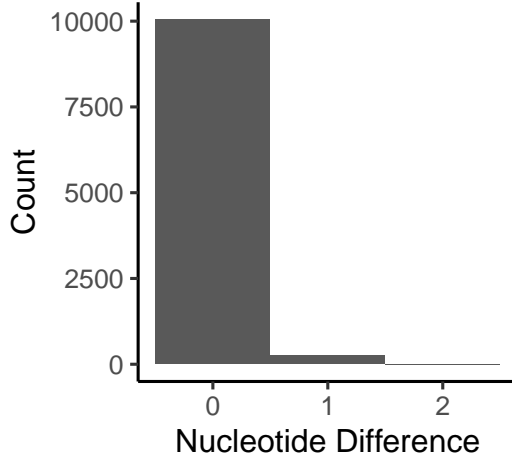3741 unique CDR3
13 unique J

TRBV29−1*ap01

9405 sequences assigned
9295 (98.8%) exact matches, in which:
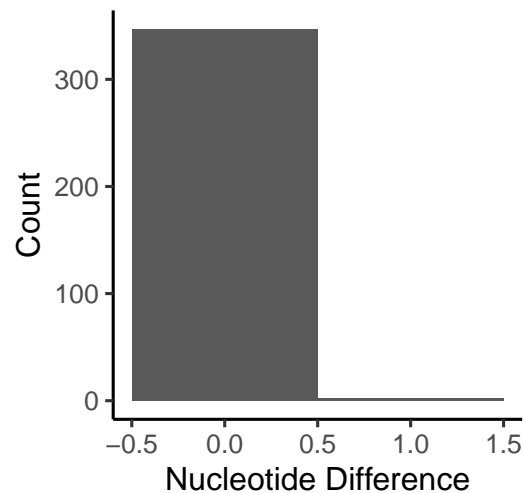9050 unique CDR3
13 unique J

TRBV7−8*ap03

1703 sequences assigned
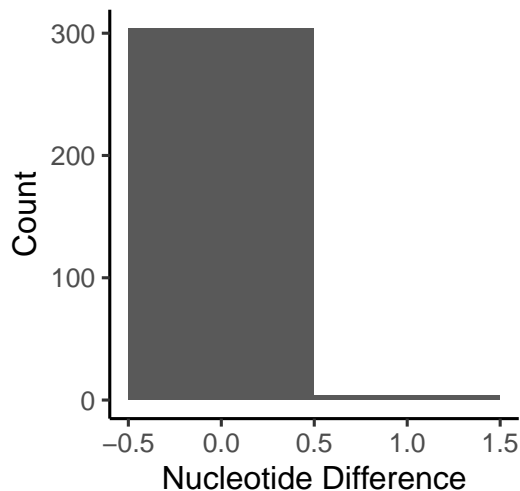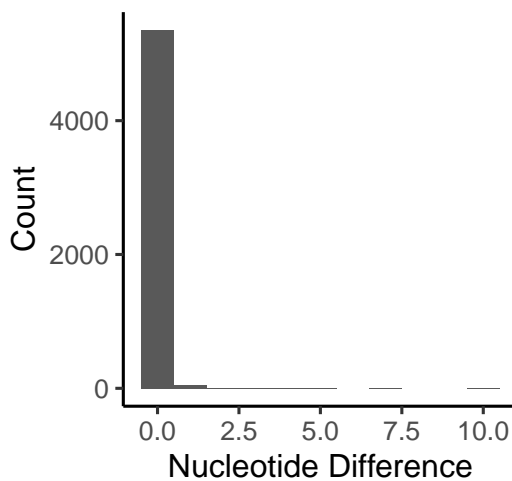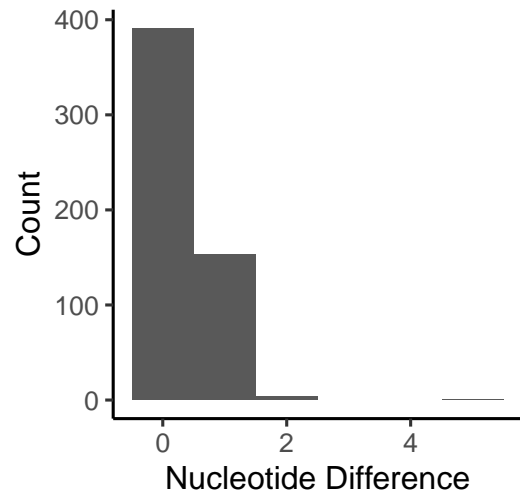1408 (82.7%) exact matches, in which:
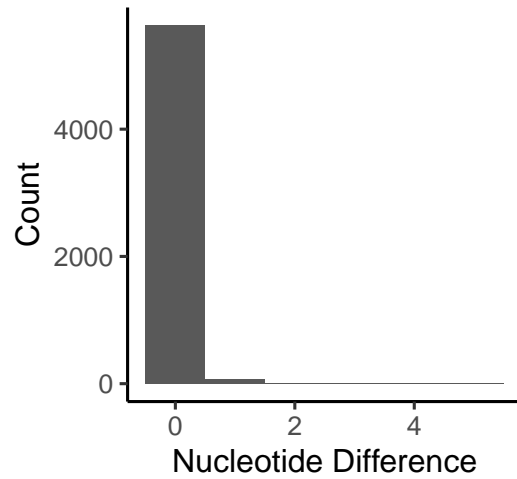1384 unique CDR3
13 unique J

TRBV29−1*ap02

1601 sequences assigned
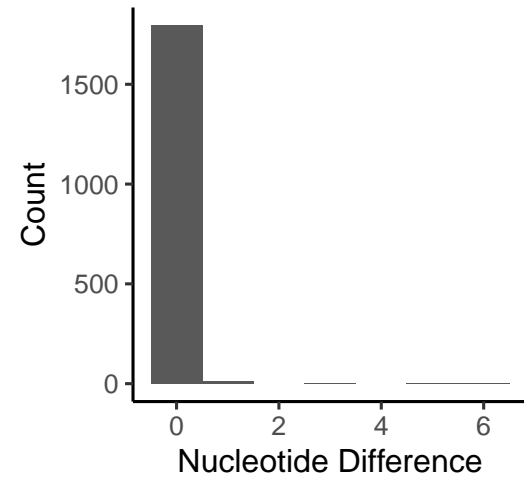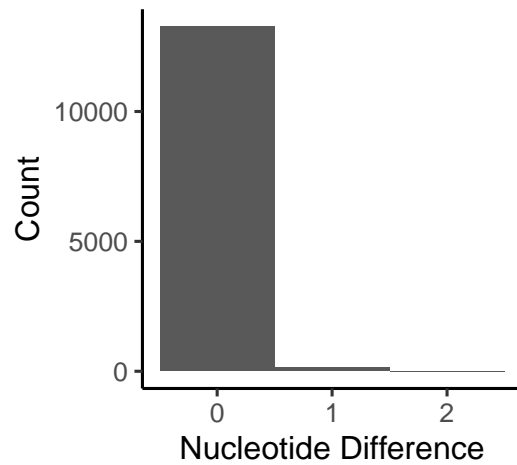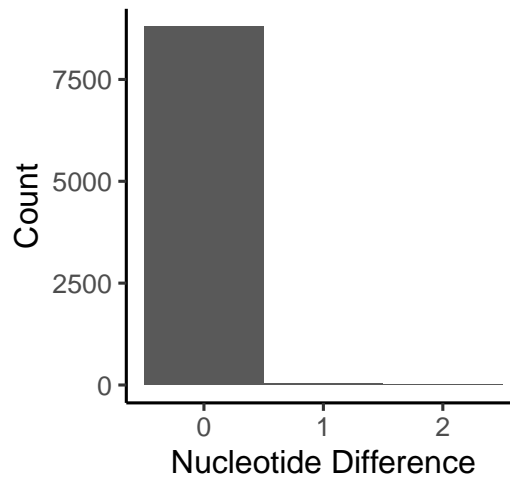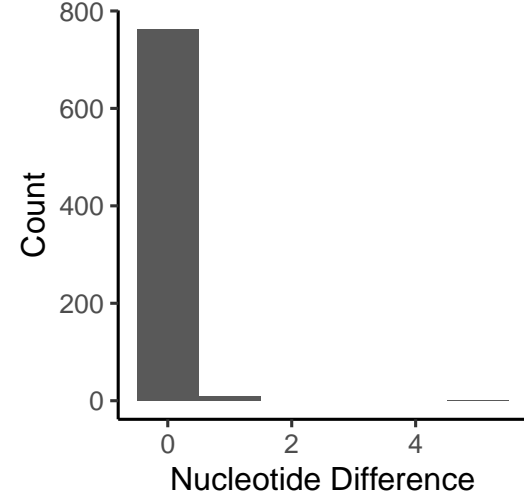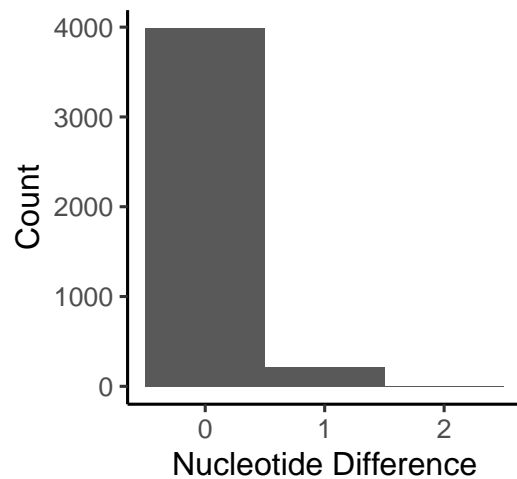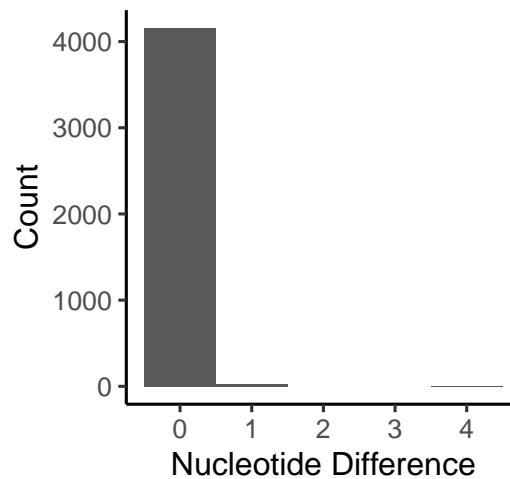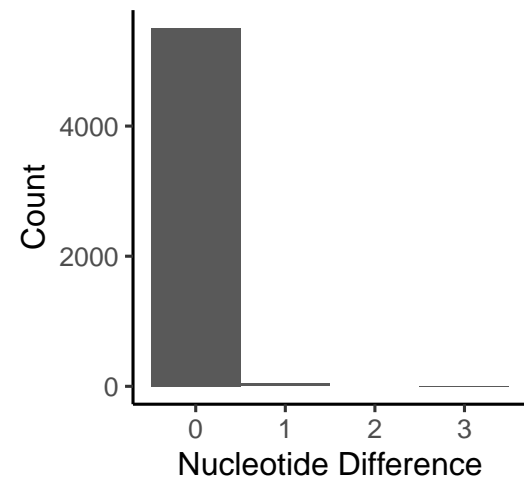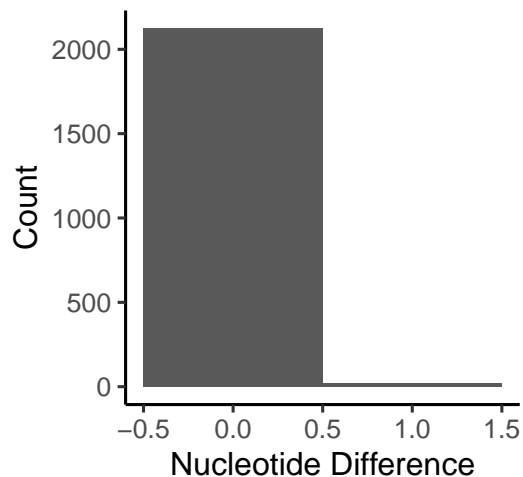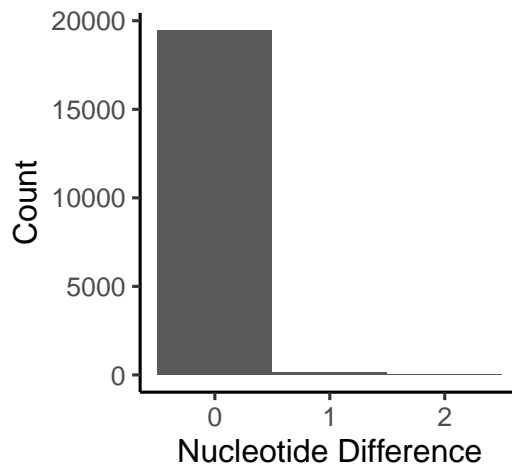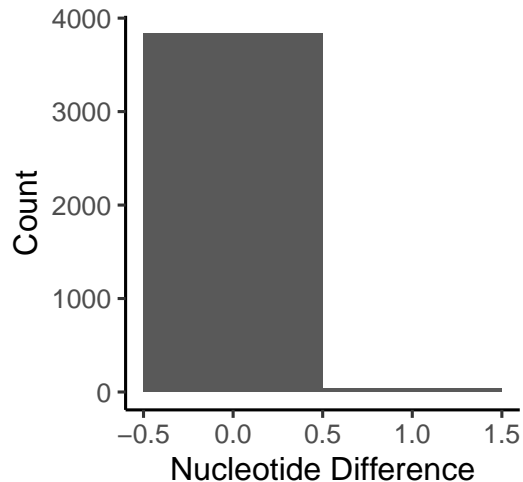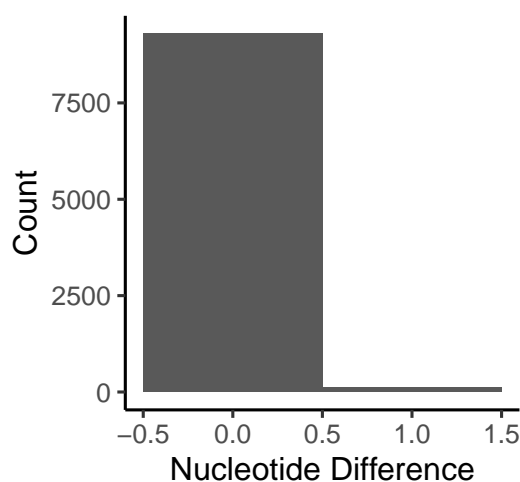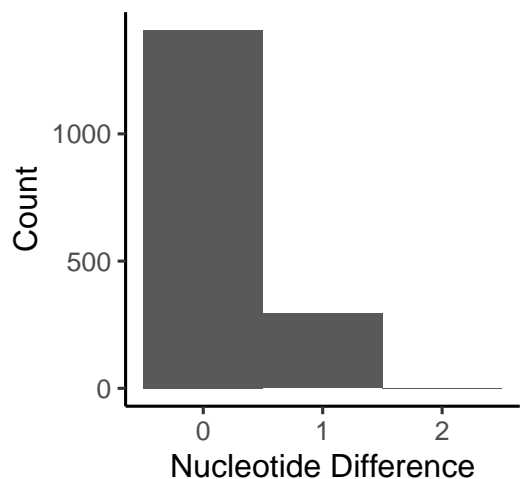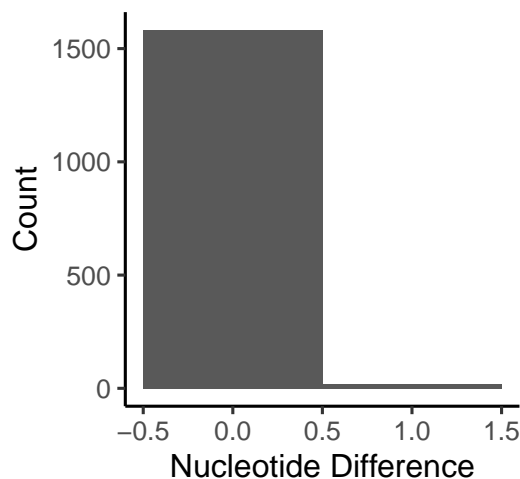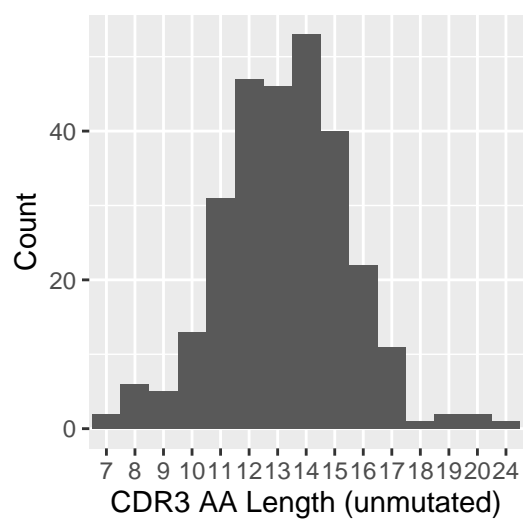1582 (98.8%) exact matches, in which:
1532 unique CDR3
13 unique J

TRBV7−1*ap01_G291C_T296C

TRBV7−7*ap01_C315T

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