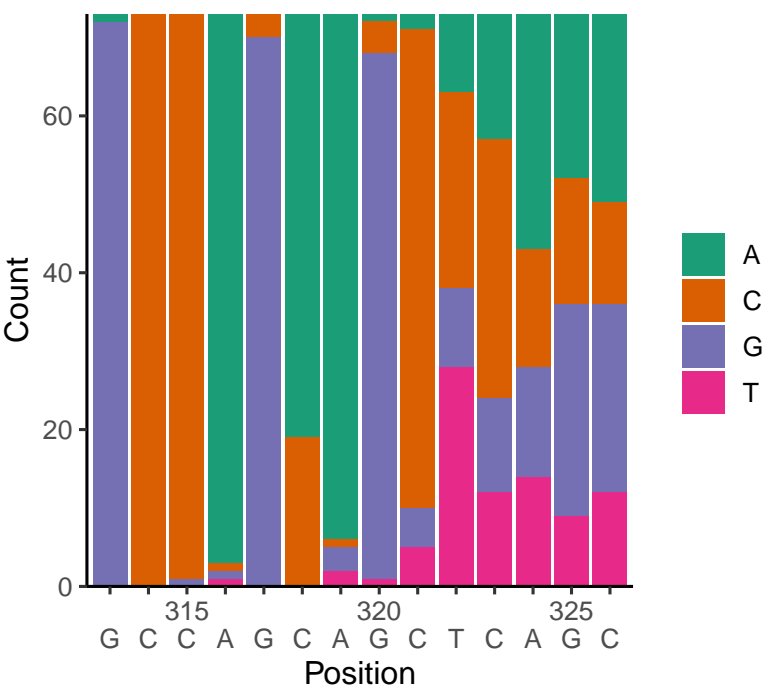
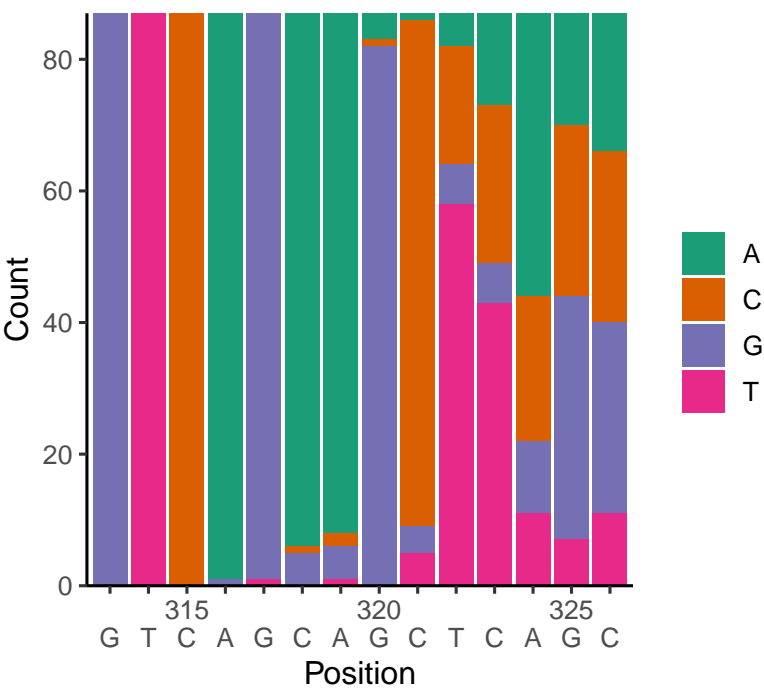


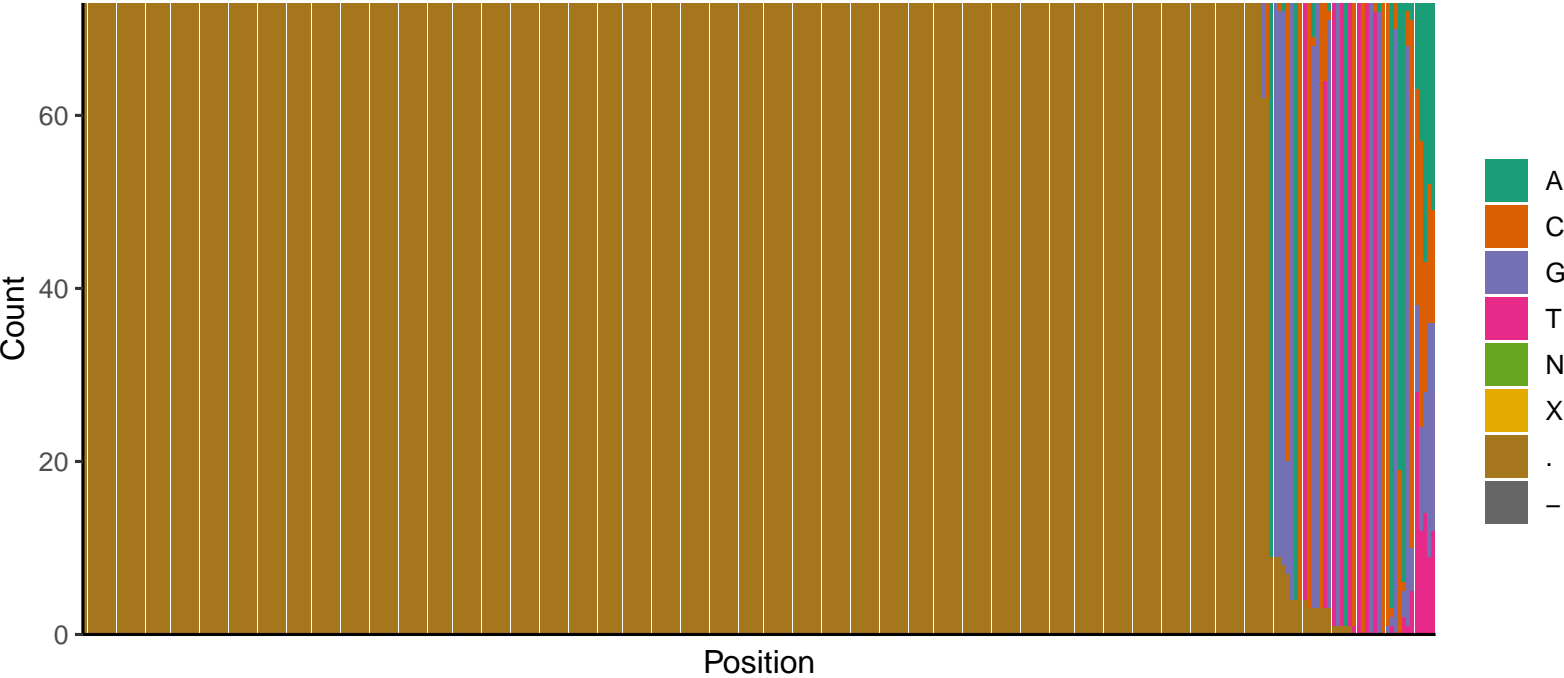
Gene TRBV7-1*ap01_T296C



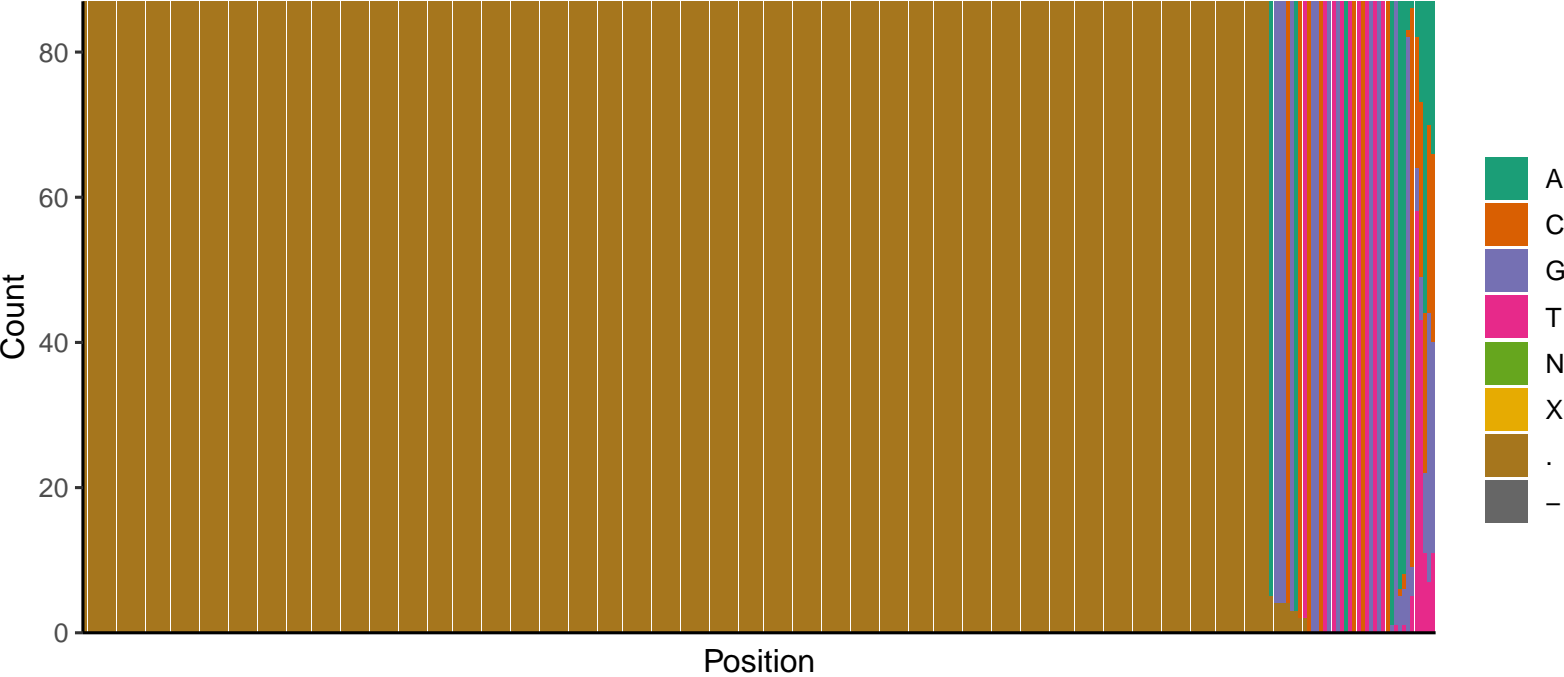
Gene TRBV7-1*ap01_T296C_C314T



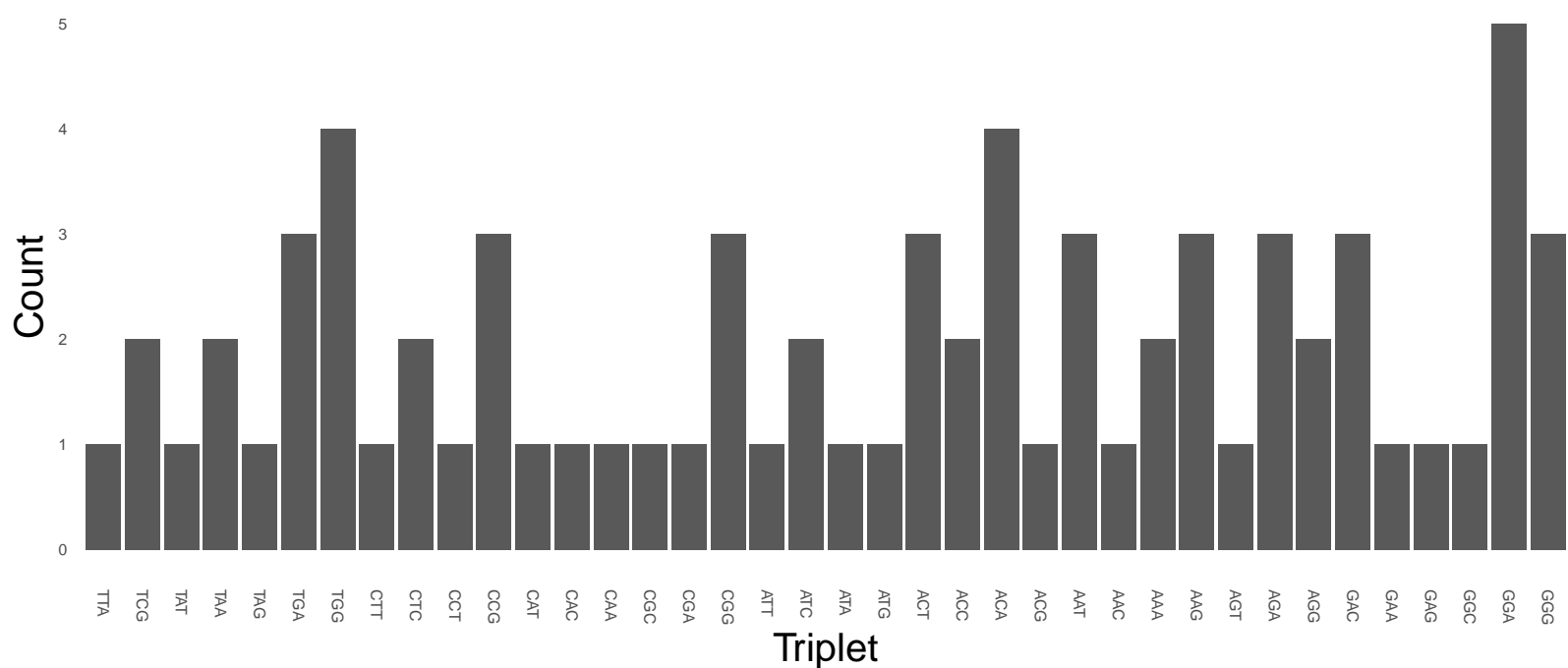
Gene TRBV7-1*ap01_T296C



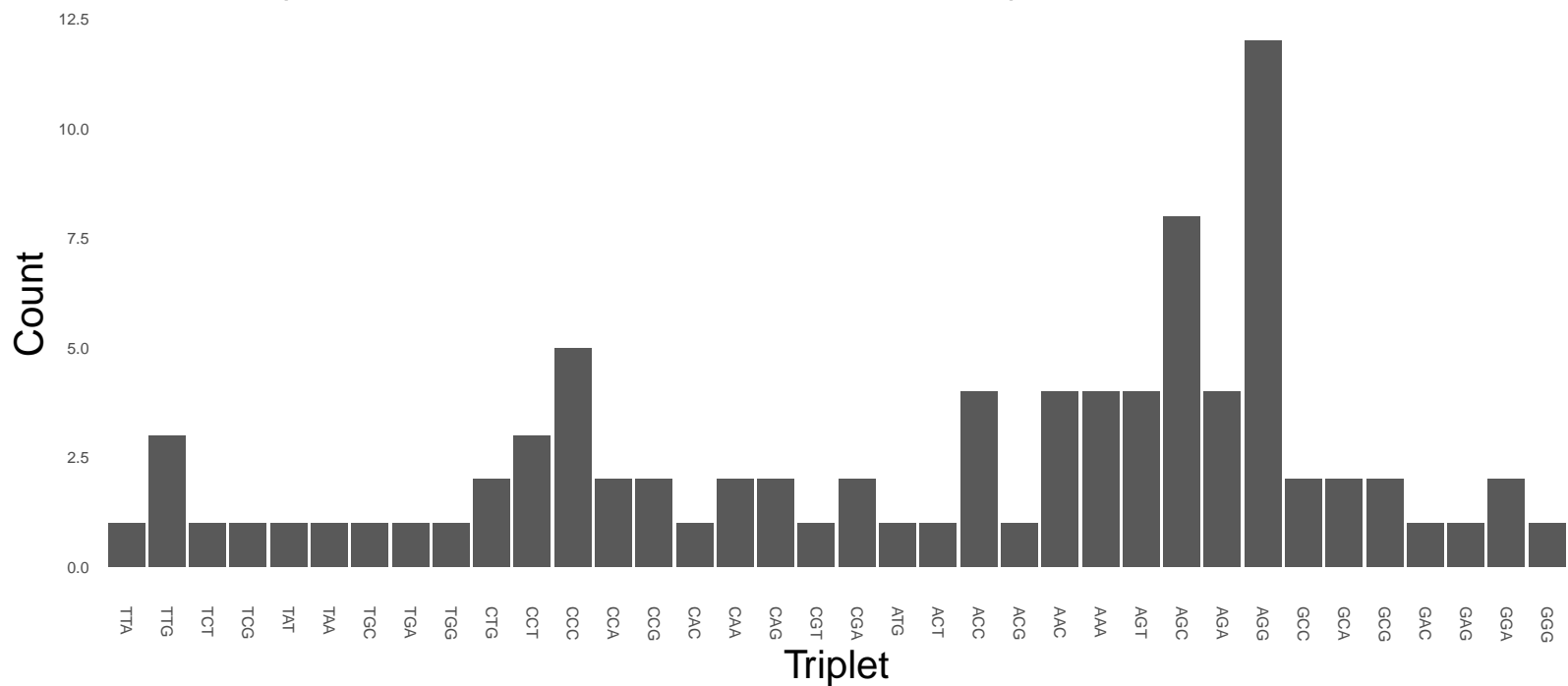
Gene TRBV7-1*ap01_T296C_C314T



TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet

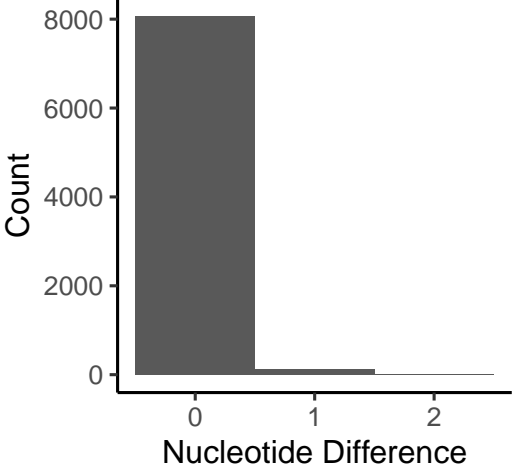


TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet



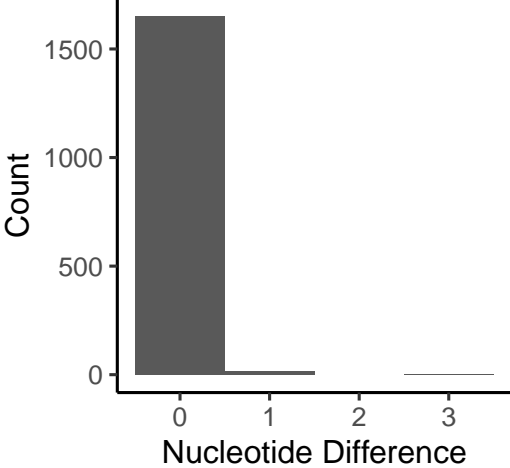
TRBV20-1*ap01

8184 sequences assigned
8062 (98.5%) exact matches, in which:
7940 unique CDR3
13 unique J



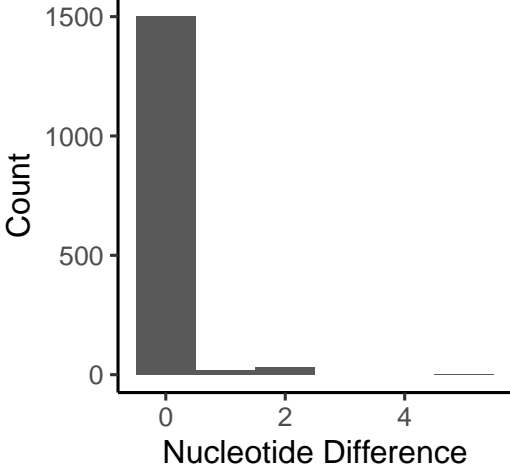
TRBV10-2*ap01

1669 sequences assigned
1650 (98.9%) exact matches, in which:
1609 unique CDR3
13 unique J



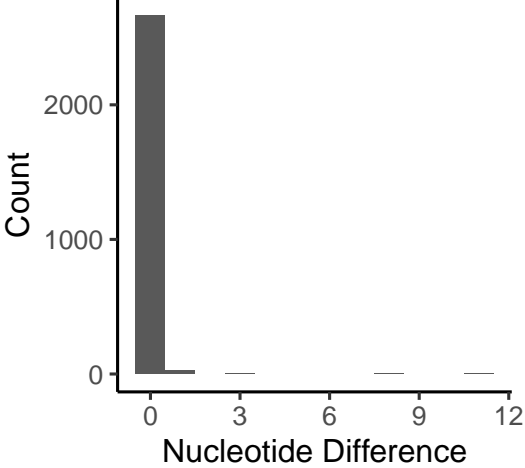
TRBV13*ap01

1551 sequences assigned
1501 (96.8%) exact matches, in which:
1453 unique CDR3
13 unique J



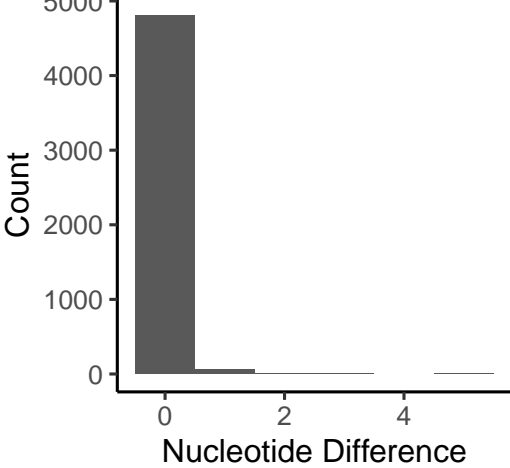
TRBV10-1*ap01

2695 sequences assigned
2662 (98.8%) exact matches, in which:
2595 unique CDR3
13 unique J



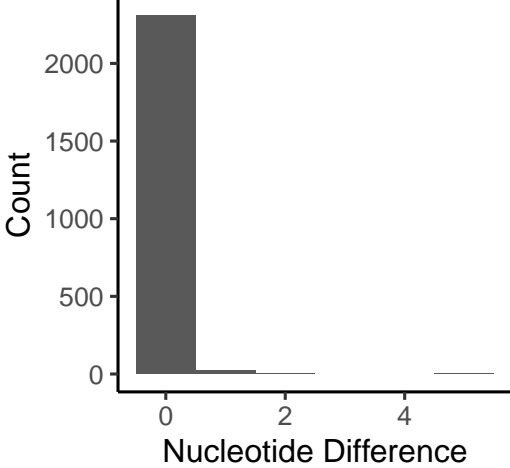
TRBV10-3*ap01

4872 sequences assigned
4802 (98.6%) exact matches, in which:
4718 unique CDR3
13 unique J



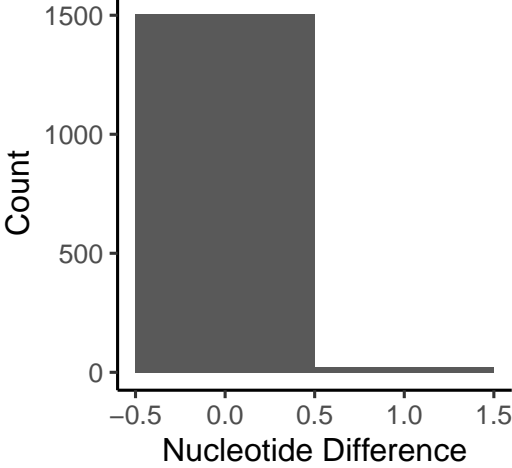
TRBV14*ap01

2330 sequences assigned
2307 (99%) exact matches, in which:
2272 unique CDR3
13 unique J



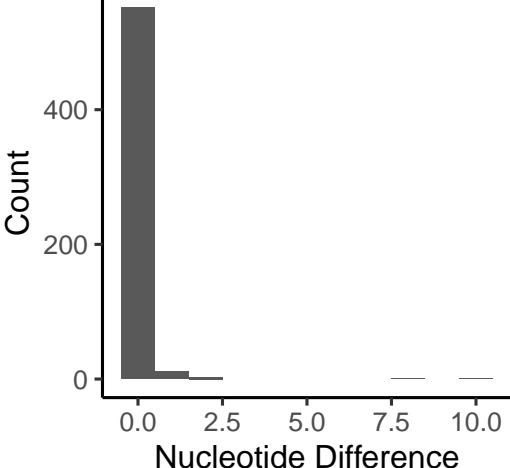
TRBV20-1*ap02

1527 sequences assigned
1505 (98.6%) exact matches, in which:
1486 unique CDR3
13 unique J



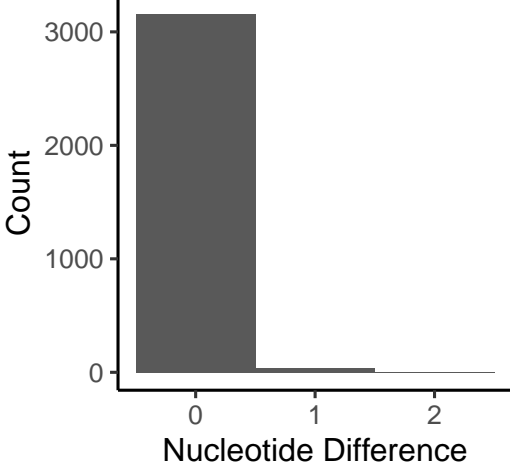
TRBV1*ap01

568 sequences assigned
552 (97.2%) exact matches, in which:
533 unique CDR3
13 unique J



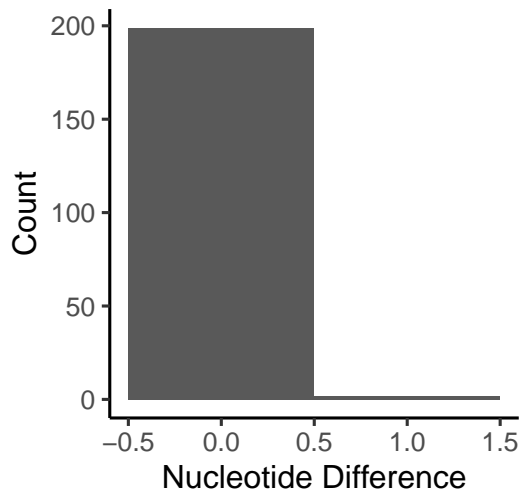
TRBV15*ap02

3195 sequences assigned
3157 (98.8%) exact matches, in which:
3086 unique CDR3
13 unique J



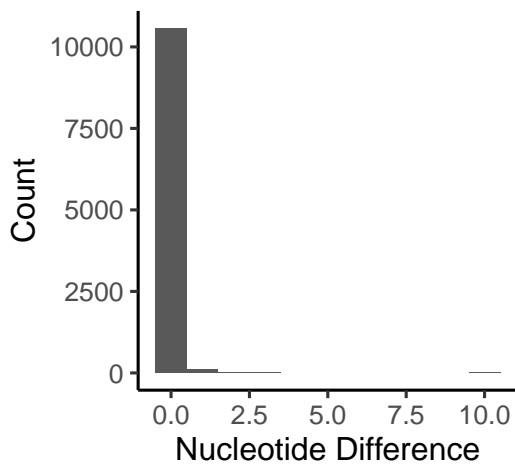
TRBV16*ap01

201 sequences assigned
199 (99%) exact matches, in which:
197 unique CDR3
13 unique J



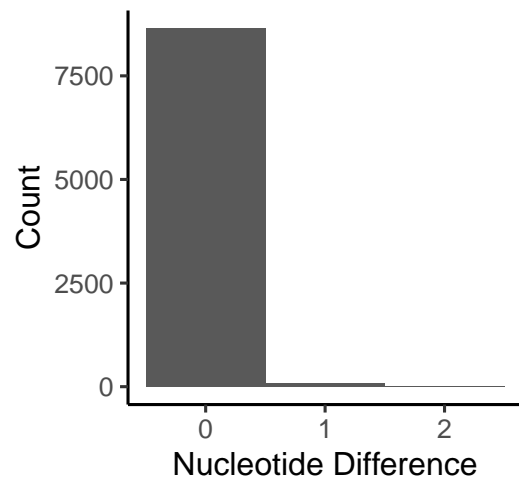
TRBV19*ap01

10675 sequences assigned
10575 (99.1%) exact matches, in which:
10482 unique CDR3
13 unique J



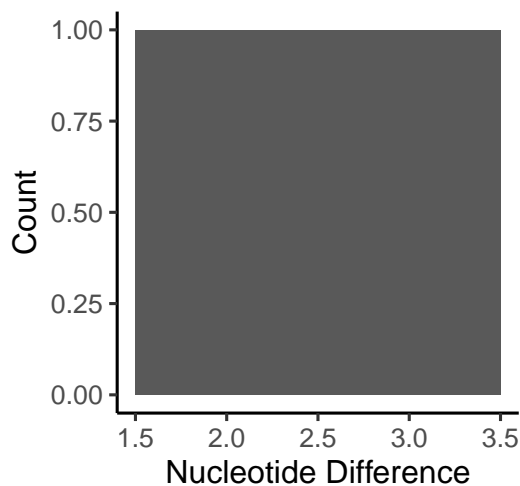
TRBV28*ap01

8739 sequences assigned
8645 (98.9%) exact matches, in which:
8504 unique CDR3
13 unique J



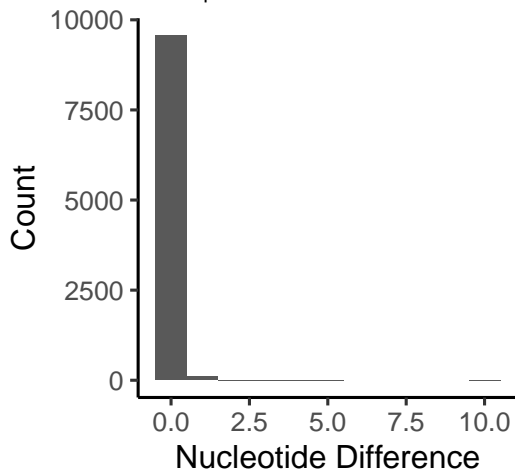
TRBV17*ap01

2 sequences assigned
No exact matches.



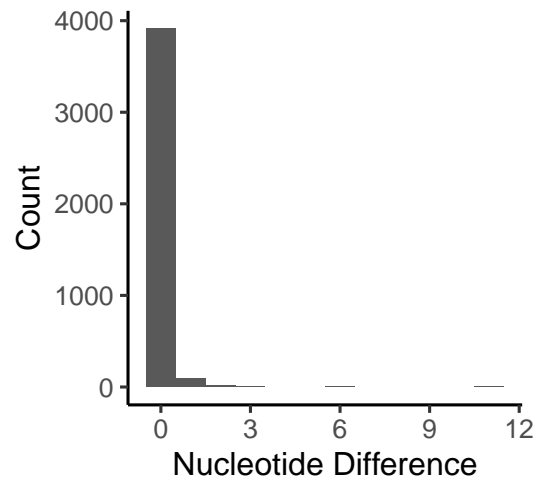
TRBV2*ap01

9699 sequences assigned
9566 (98.6%) exact matches, in which:
9370 unique CDR3
13 unique J



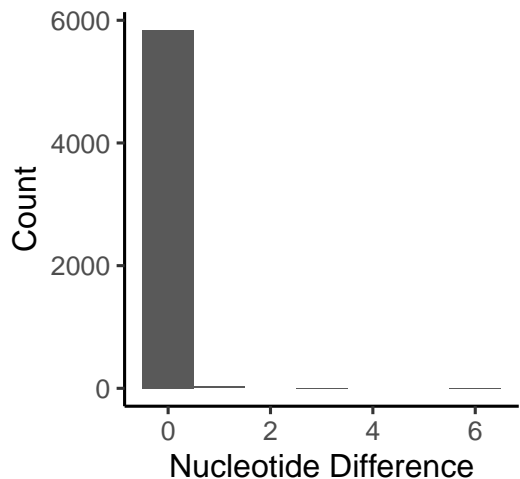
TRBV30*ap02

4021 sequences assigned
3912 (97.3%) exact matches, in which:
3863 unique CDR3
13 unique J



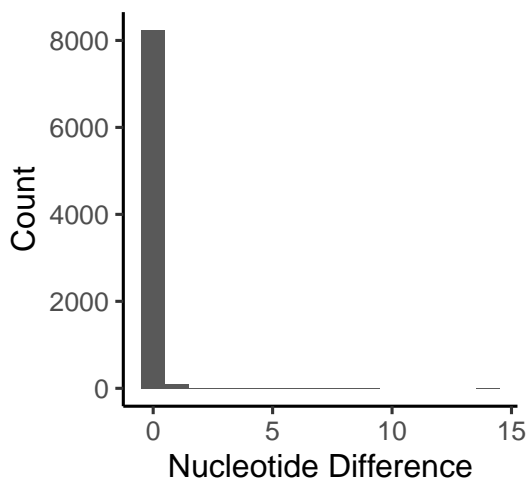
TRBV18*ap01

5872 sequences assigned
5841 (99.5%) exact matches, in which:
5790 unique CDR3
13 unique J



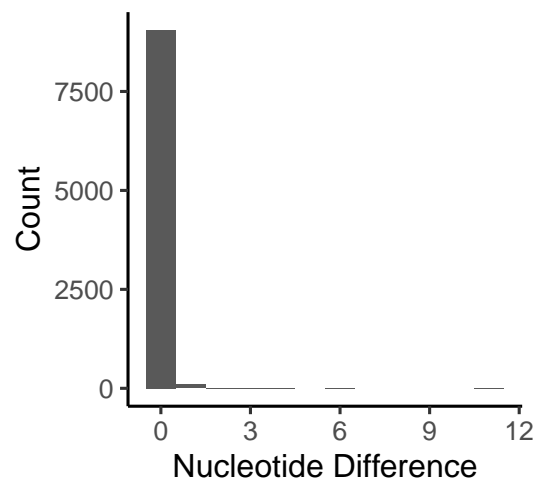
TRBV27*ap01

8362 sequences assigned
8239 (98.5%) exact matches, in which:
8042 unique CDR3
13 unique J



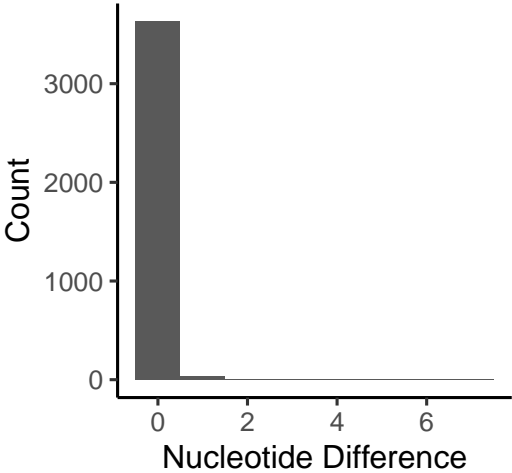
TRBV9*ap01

9157 sequences assigned
9052 (98.9%) exact matches, in which:
8898 unique CDR3
13 unique J



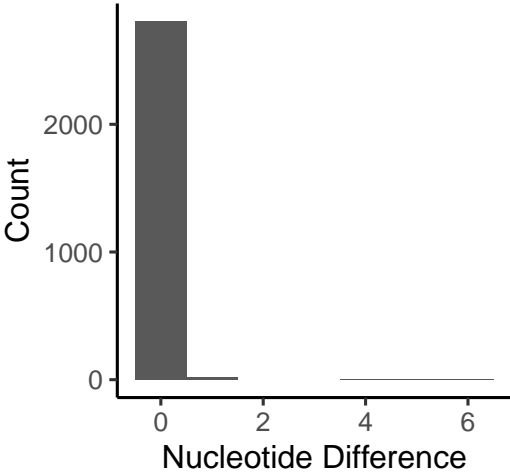
TRBV21-1*ap01

3681 sequences assigned
3631 (98.6%) exact matches, in which:
3587 unique CDR3
13 unique J



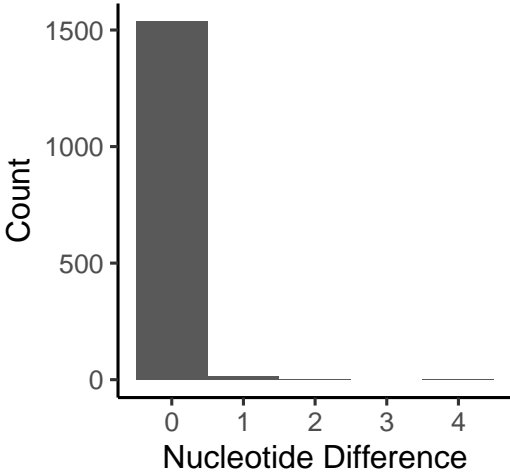
TRBV11-3*ap01

2832 sequences assigned
2806 (99.1%) exact matches, in which:
2782 unique CDR3
13 unique J



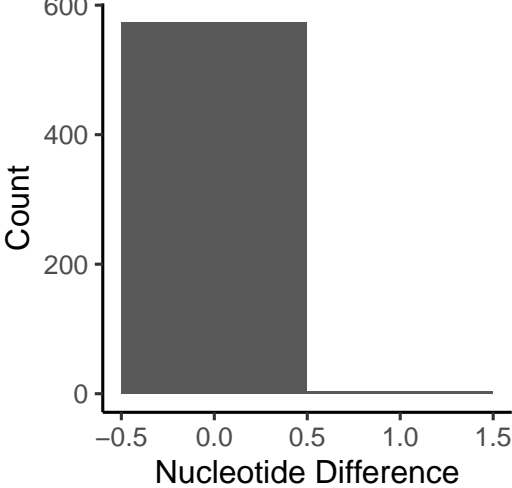
TRBV12-5*ap01

1555 sequences assigned
1537 (98.8%) exact matches, in which:
1513 unique CDR3
13 unique J



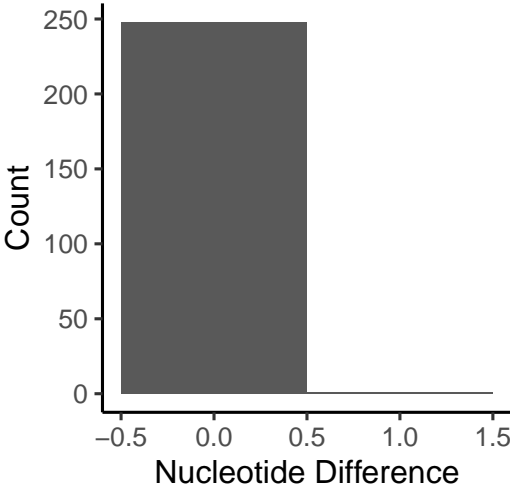
TRBV11-1*ap01

578 sequences assigned
574 (99.3%) exact matches, in which:
564 unique CDR3
13 unique J



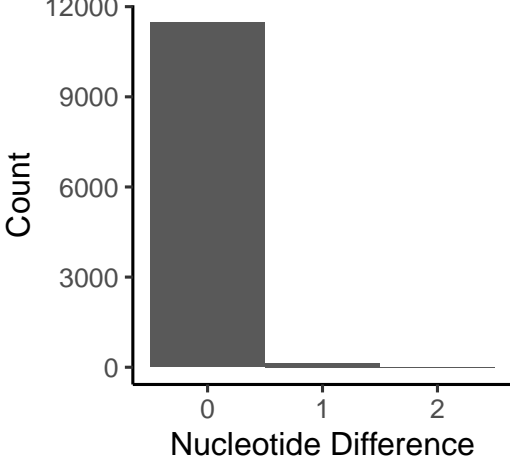
TRBV12-1*ap01

249 sequences assigned
248 (99.6%) exact matches, in which:
240 unique CDR3
13 unique J



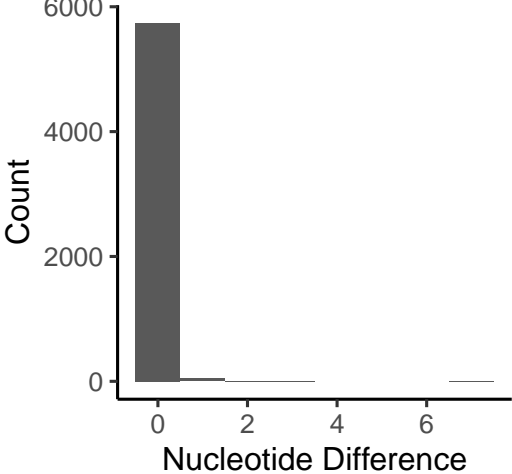
TRBV12-34*ap01

11621 sequences assigned
11474 (98.7%) exact matches, in which:
11273 unique CDR3
13 unique J



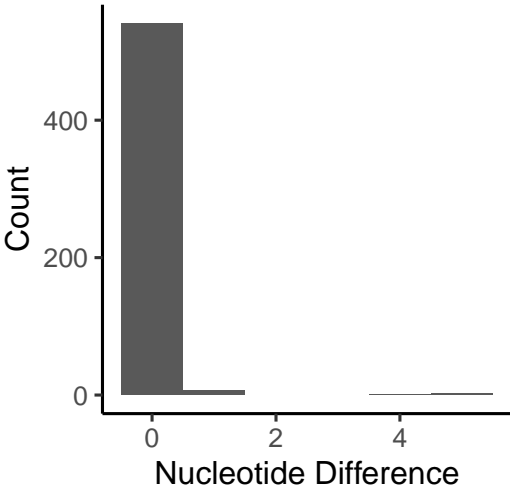
TRBV11-2*ap01

5787 sequences assigned
5739 (99.2%) exact matches, in which:
5663 unique CDR3
13 unique J



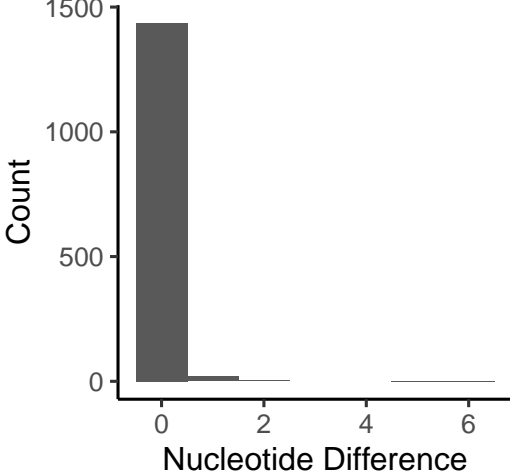
TRBV12-2*ap01

550 sequences assigned
541 (98.4%) exact matches, in which:
531 unique CDR3
13 unique J



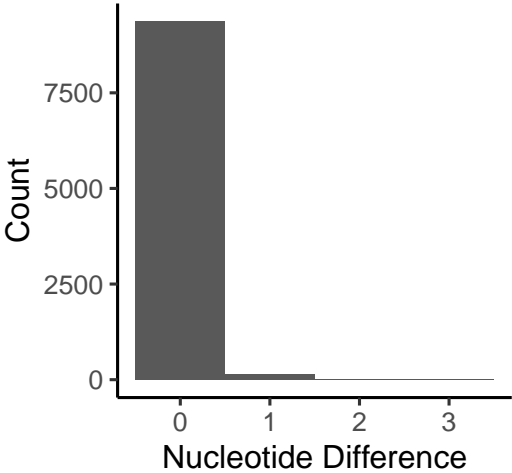
TRBV23-1*ap01

1461 sequences assigned
1436 (98.3%) exact matches, in which:
1413 unique CDR3
13 unique J



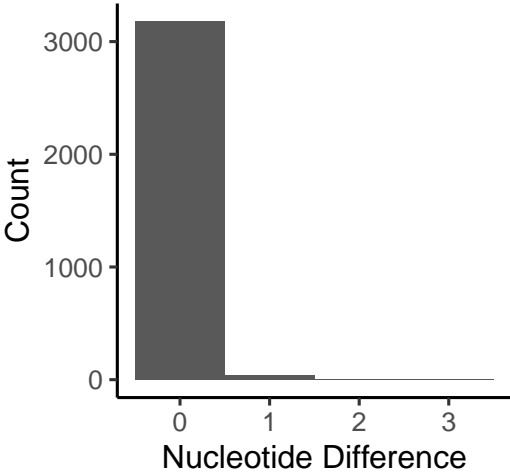
TRBV3-12*ap01

9509 sequences assigned
9367 (98.5%) exact matches, in which:
9165 unique CDR3
13 unique J



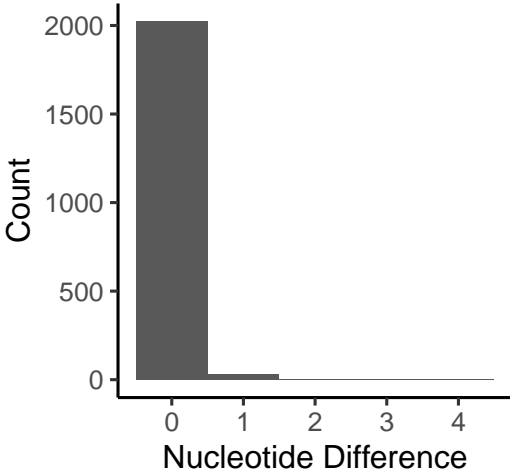
TRBV4-2*ap01

3222 sequences assigned
3179 (98.7%) exact matches, in which:
3123 unique CDR3
13 unique J



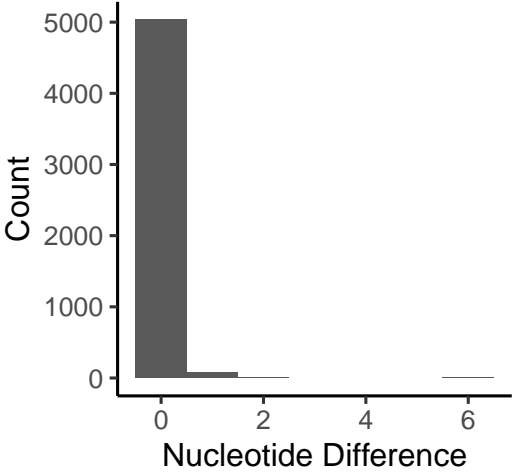
TRBV25-1*ap01

2060 sequences assigned
2023 (98.2%) exact matches, in which:
1975 unique CDR3
13 unique J



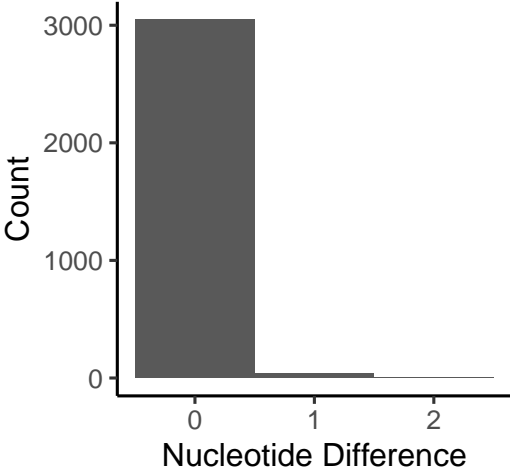
TRBV4-1*ap01

5112 sequences assigned
5034 (98.5%) exact matches, in which:
4935 unique CDR3
13 unique J



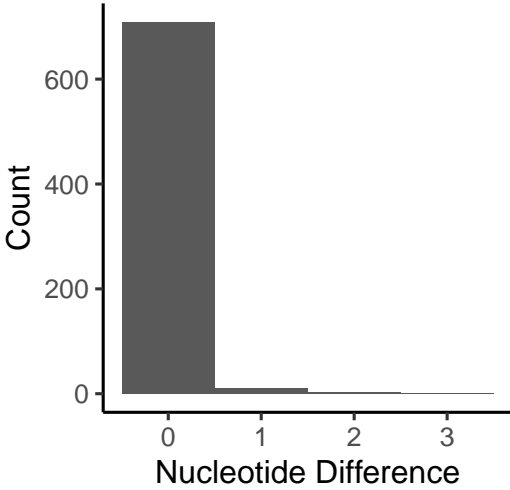
TRBV4-3*ap01

3084 sequences assigned
3047 (98.8%) exact matches, in which:
2973 unique CDR3
13 unique J



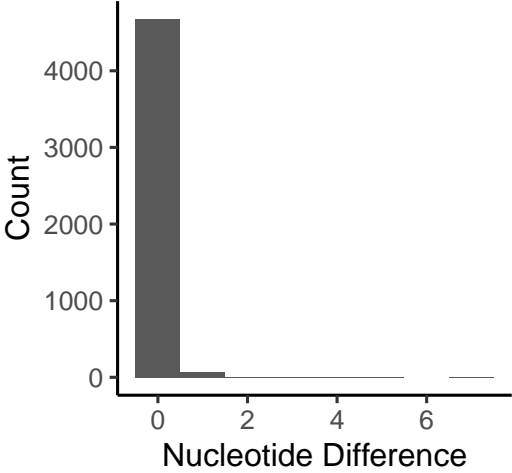
TRBV5-3*ap01

723 sequences assigned
709 (98.1%) exact matches, in which:
688 unique CDR3
13 unique J



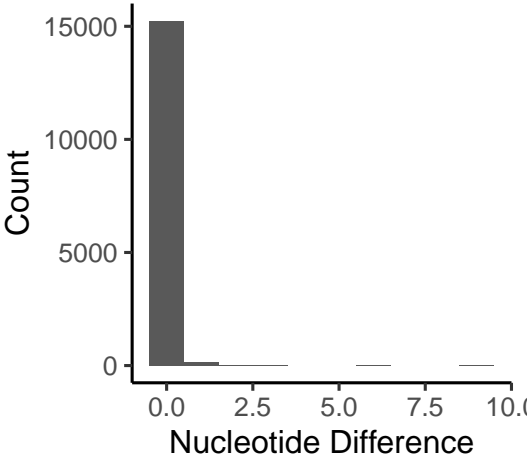
TRBV24-1*ap01

4753 sequences assigned
4675 (98.4%) exact matches, in which:
4587 unique CDR3
13 unique J



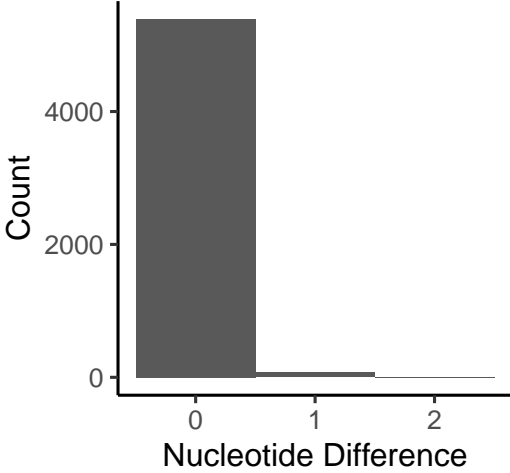
TRBV5-1*ap01

15411 sequences assigned
15243 (98.9%) exact matches, in which:
14878 unique CDR3
13 unique J



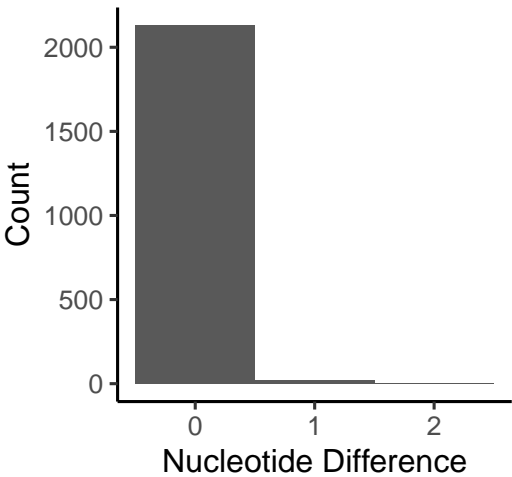
TRBV5-4*ap01

5467 sequences assigned
5392 (98.6%) exact matches, in which:
5281 unique CDR3
13 unique J



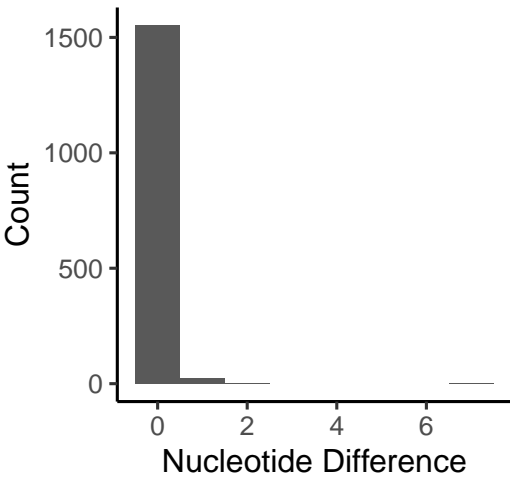
TRBV5-5*ap01

2153 sequences assigned
2130 (98.9%) exact matches, in which:
2103 unique CDR3
13 unique J



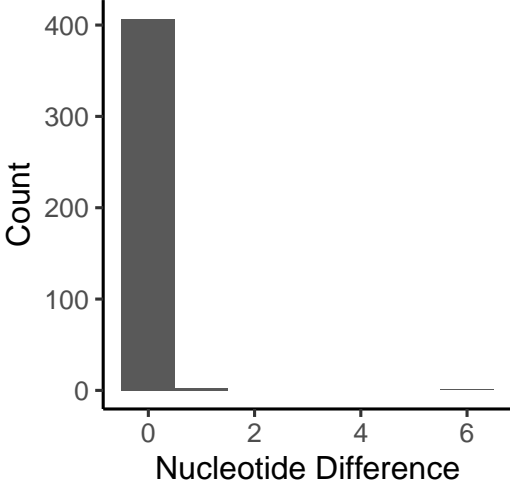
TRBV5-8*ap01

1579 sequences assigned
1552 (98.3%) exact matches, in which:
1525 unique CDR3
13 unique J



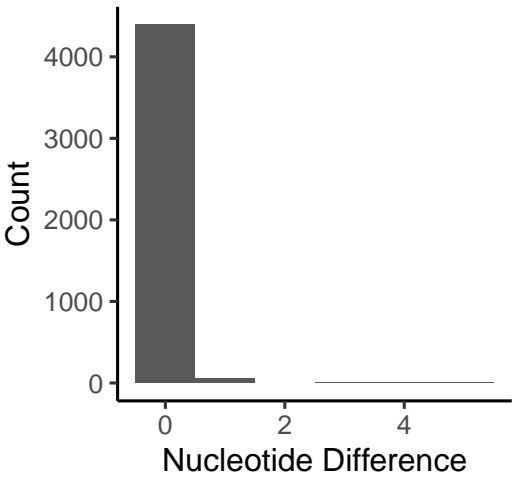
TRBV6-7*ap01

411 sequences assigned
407 (99%) exact matches, in which:
399 unique CDR3
13 unique J



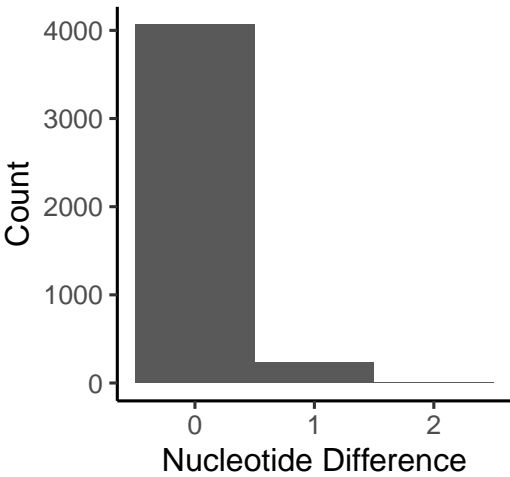
TRBV5-6*ap01

4456 sequences assigned
4393 (98.6%) exact matches, in which:
4266 unique CDR3
13 unique J



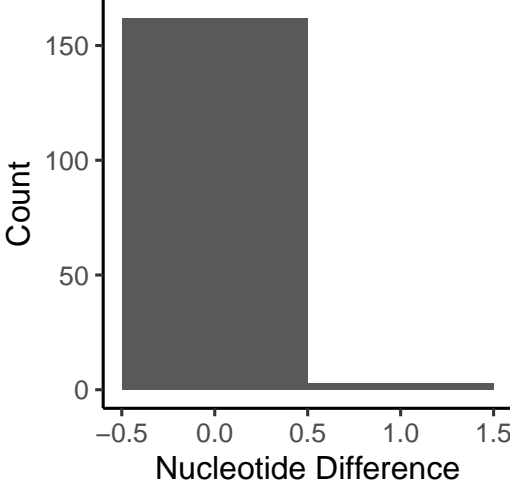
TRBV6-1*ap01

4294 sequences assigned
4064 (94.6%) exact matches, in which:
3987 unique CDR3
13 unique J



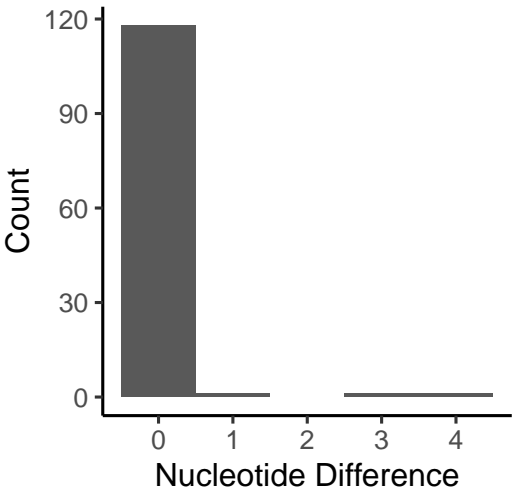
TRBV6-8*ap01

165 sequences assigned
162 (98.2%) exact matches, in which:
160 unique CDR3
13 unique J



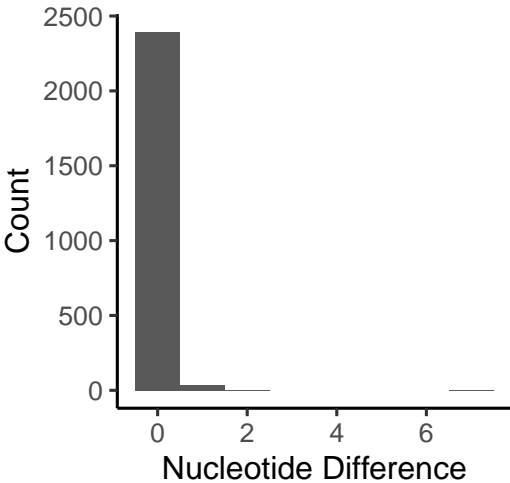
TRBV5-7*ap01

121 sequences assigned
118 (97.5%) exact matches, in which:
115 unique CDR3
13 unique J



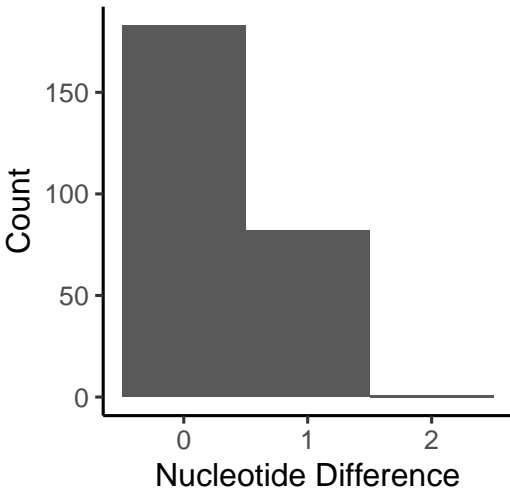
TRBV6-4*ap01

2434 sequences assigned
2393 (98.3%) exact matches, in which:
2341 unique CDR3
13 unique J



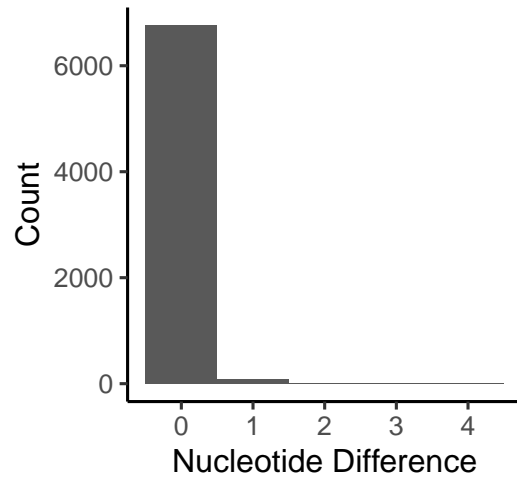
TRBV6-9*ap01

266 sequences assigned
183 (68.8%) exact matches, in which:
177 unique CDR3
13 unique J



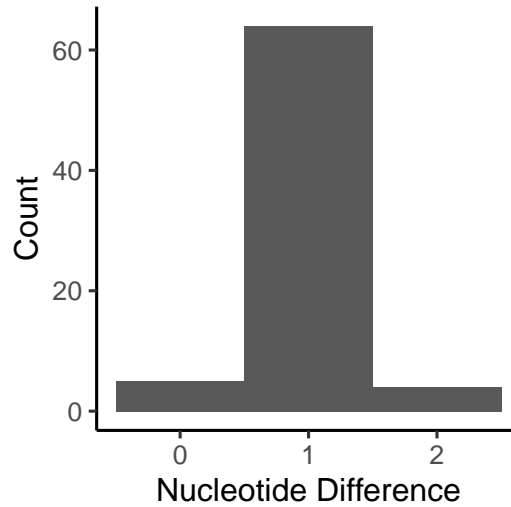
TRBV6-23*ap01

6860 sequences assigned
6761 (98.6%) exact matches, in which:
6574 unique CDR3
13 unique J



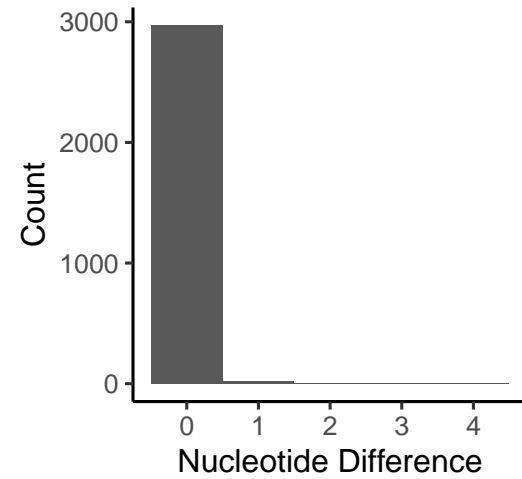
TRBV7-1*ap01_T296C

73 sequences assigned
5 (6.8%) exact matches, in which:
5 unique CDR3
5 unique J



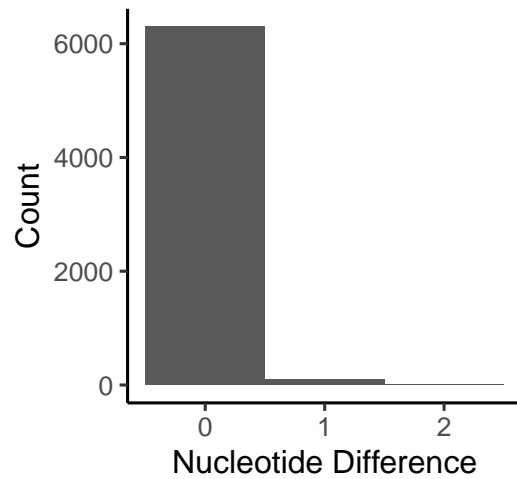
TRBV7-3*ap01

3000 sequences assigned
2970 (99%) exact matches, in which:
2931 unique CDR3
13 unique J



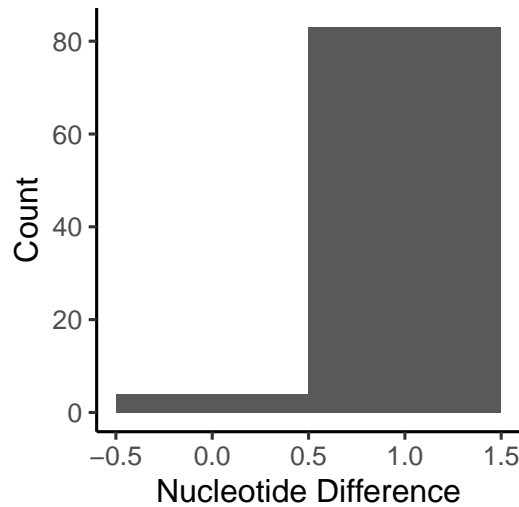
TRBV6-56*ap01

6397 sequences assigned
6298 (98.5%) exact matches, in which:
6128 unique CDR3
13 unique J



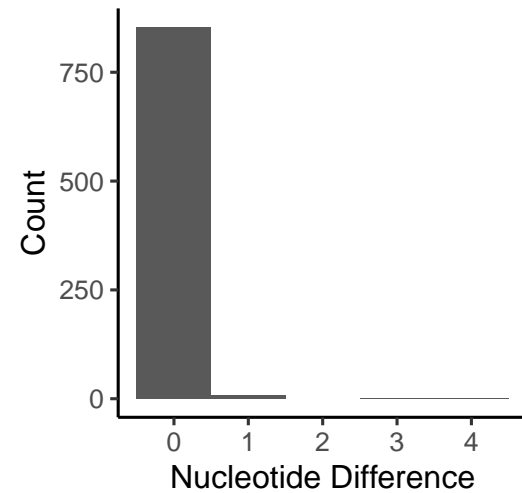
TRBV7-1*ap01_T296C_C

87 sequences assigned
4 (4.6%) exact matches, in which:
4 unique CDR3
3 unique J



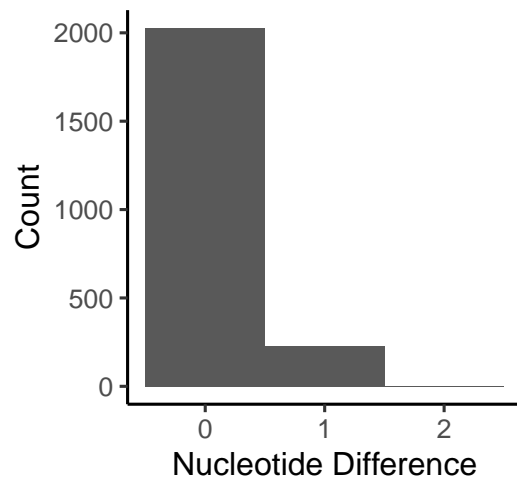
TRBV7-3*ap02

865 sequences assigned
854 (98.7%) exact matches, in which:
837 unique CDR3
12 unique J



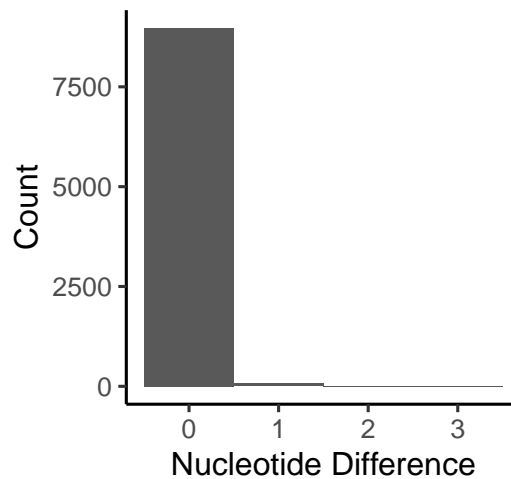
TRBV6-56*ap02

2257 sequences assigned
2027 (89.8%) exact matches, in which:
1985 unique CDR3
13 unique J



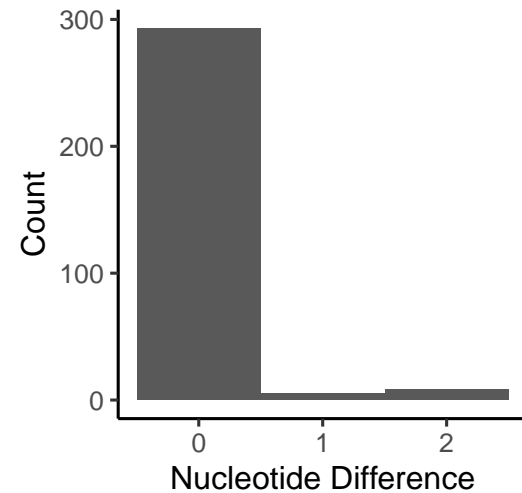
TRBV7-2*ap01

9050 sequences assigned
8972 (99.1%) exact matches, in which:
8832 unique CDR3
13 unique J



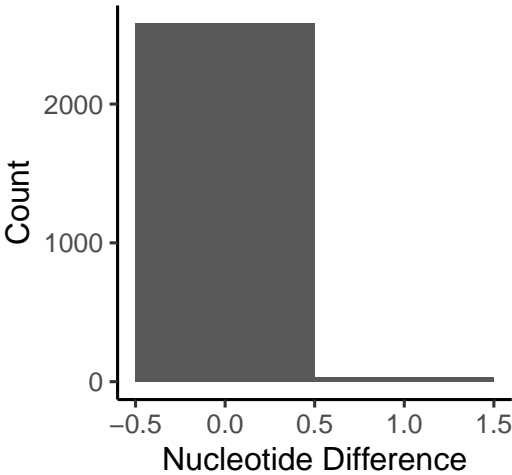
TRBV7-4*ap01

306 sequences assigned
293 (95.8%) exact matches, in which:
286 unique CDR3
13 unique J



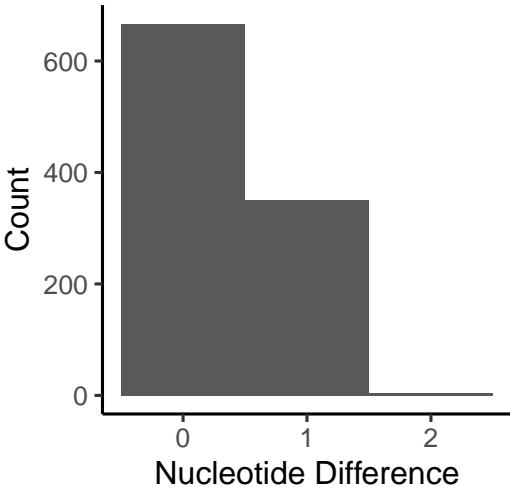
TRBV7-6*ap01

2616 sequences assigned
2581 (98.7%) exact matches, in which:
2538 unique CDR3
13 unique J



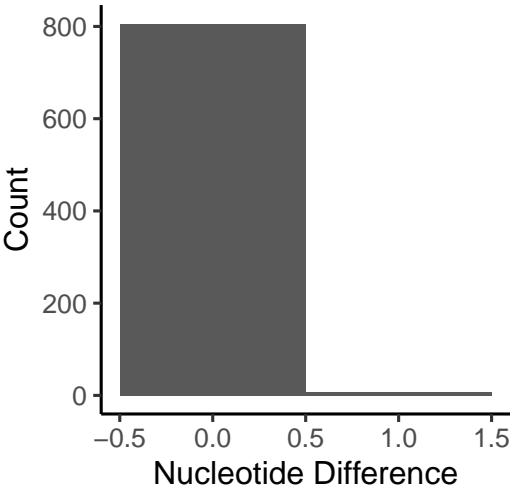
TRBV7-8*ap03

1021 sequences assigned
667 (65.3%) exact matches, in which:
651 unique CDR3
13 unique J



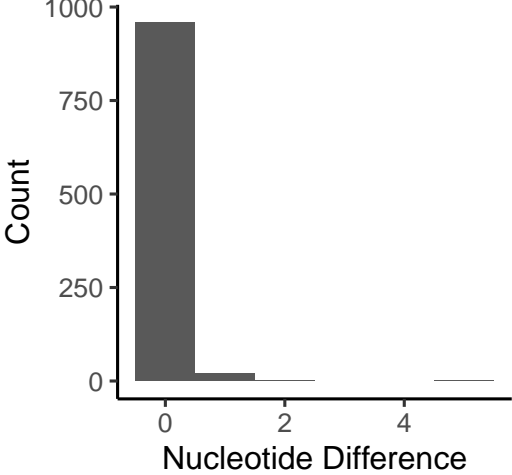
TRBV29-1*ap02

814 sequences assigned
806 (99%) exact matches, in which:
797 unique CDR3
13 unique J



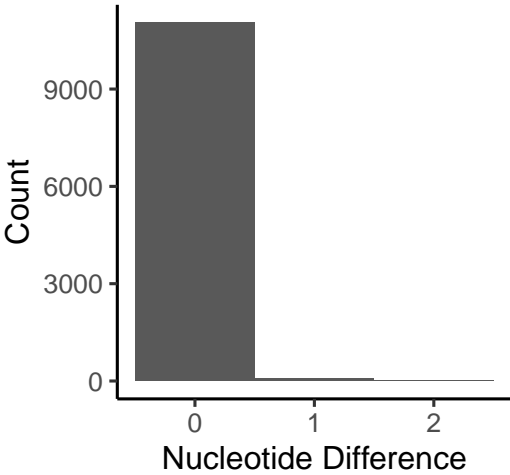
TRBV7-7*ap01

980 sequences assigned
958 (97.8%) exact matches, in which:
944 unique CDR3
13 unique J



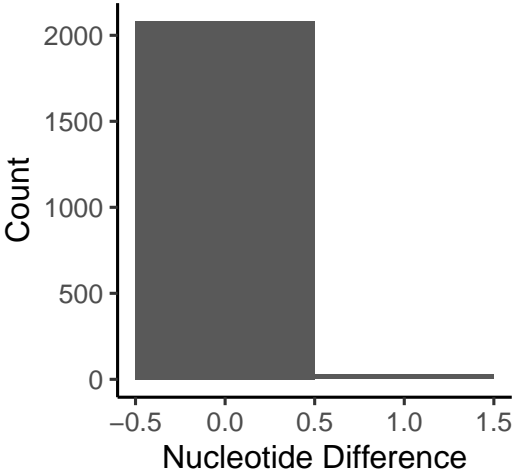
TRBV7-9*ap01

11134 sequences assigned
11045 (99.2%) exact matches, in which:
10880 unique CDR3
13 unique J



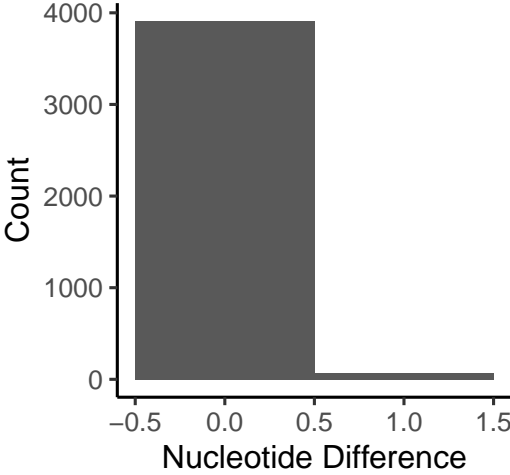
TRBV7-8*ap01

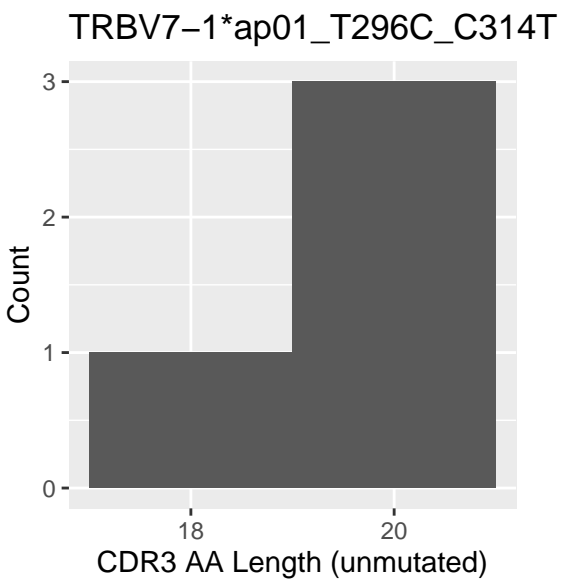
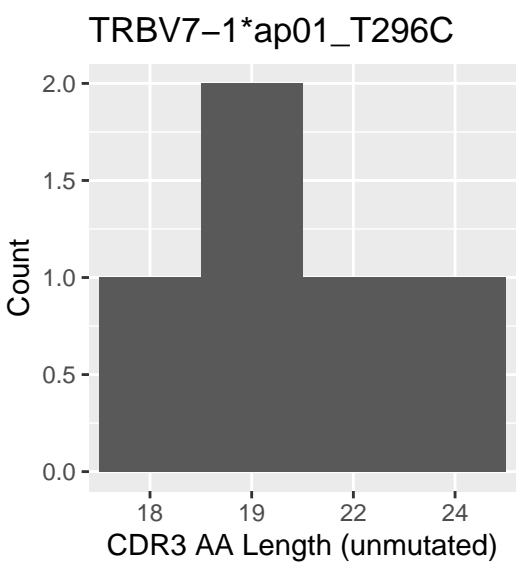
2111 sequences assigned
2083 (98.7%) exact matches, in which:
2046 unique CDR3
13 unique J



TRBV29-1*ap01

3977 sequences assigned
3910 (98.3%) exact matches, in which:
3812 unique CDR3
13 unique J







[illegible]