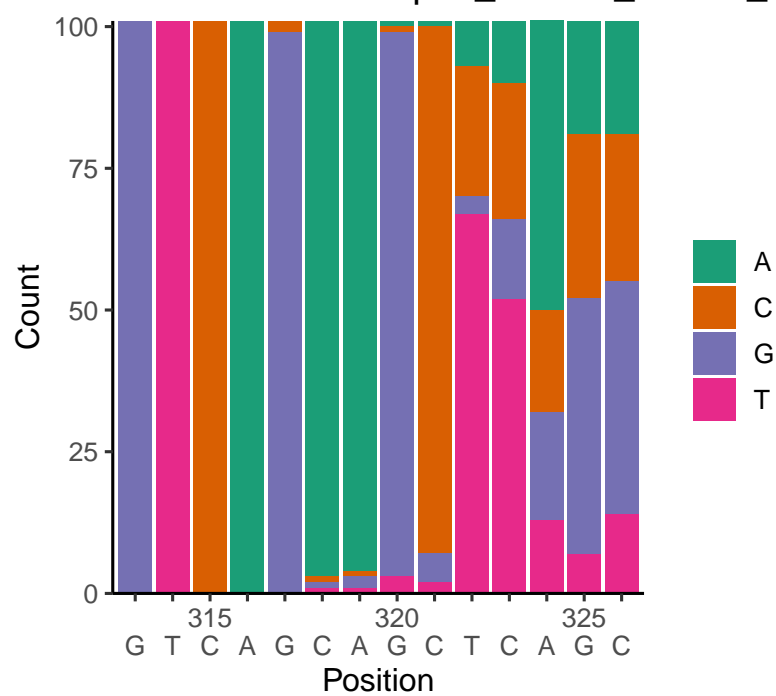
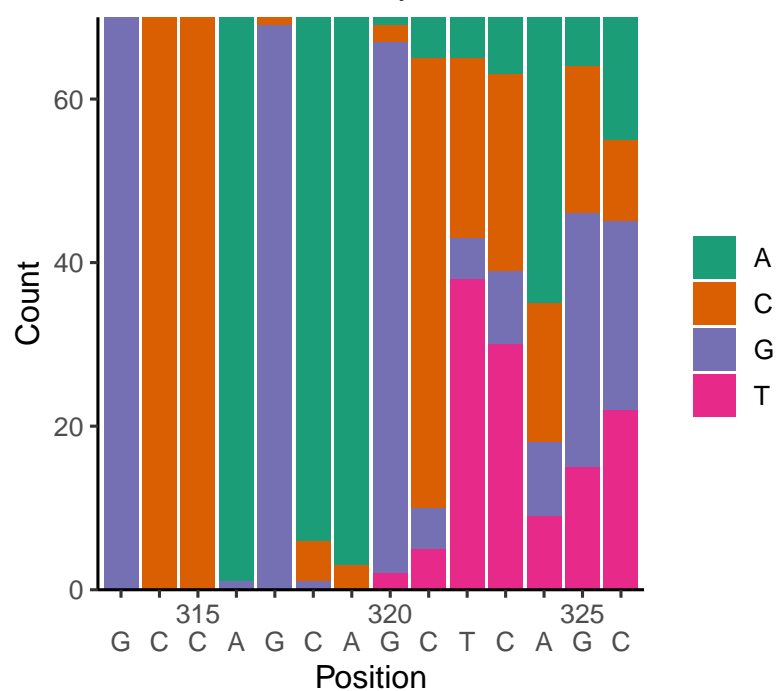


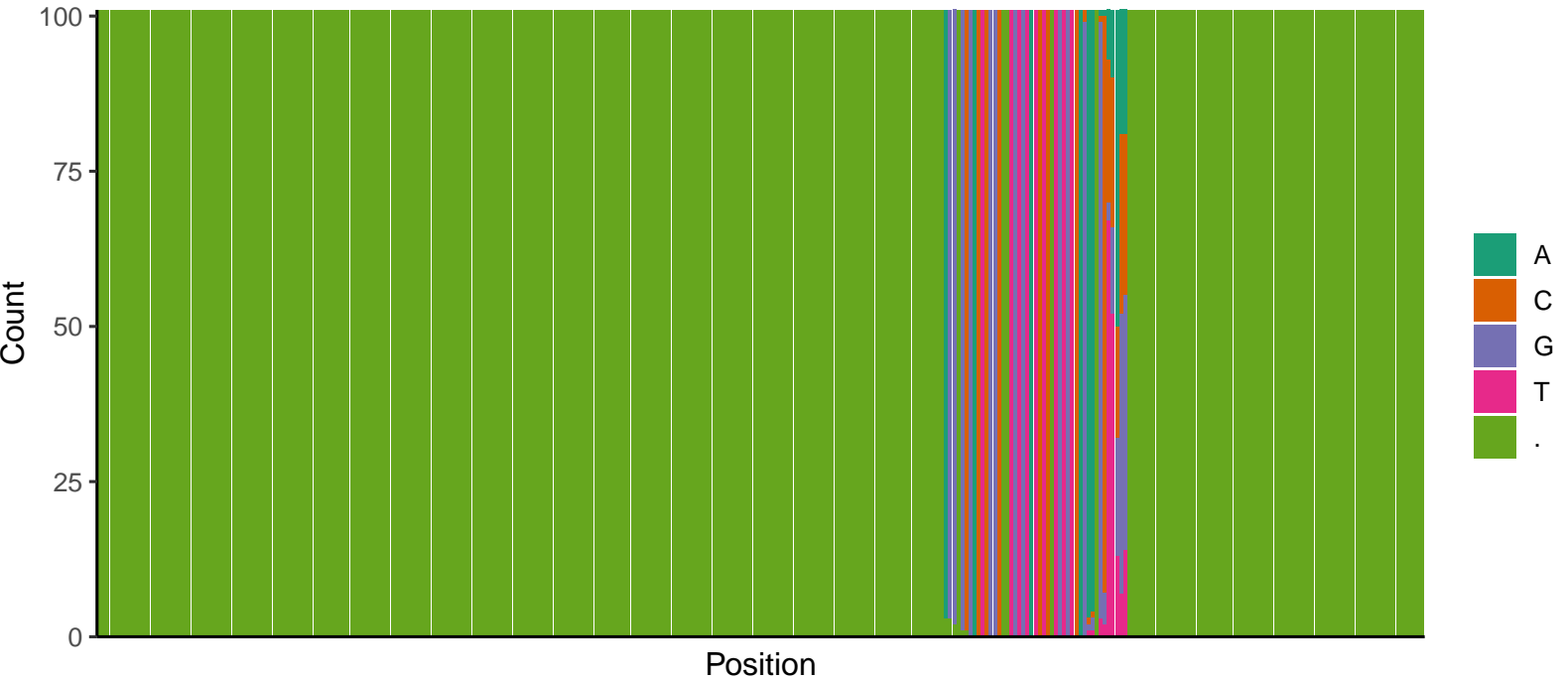
Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-1*ap01_G291C_T296C



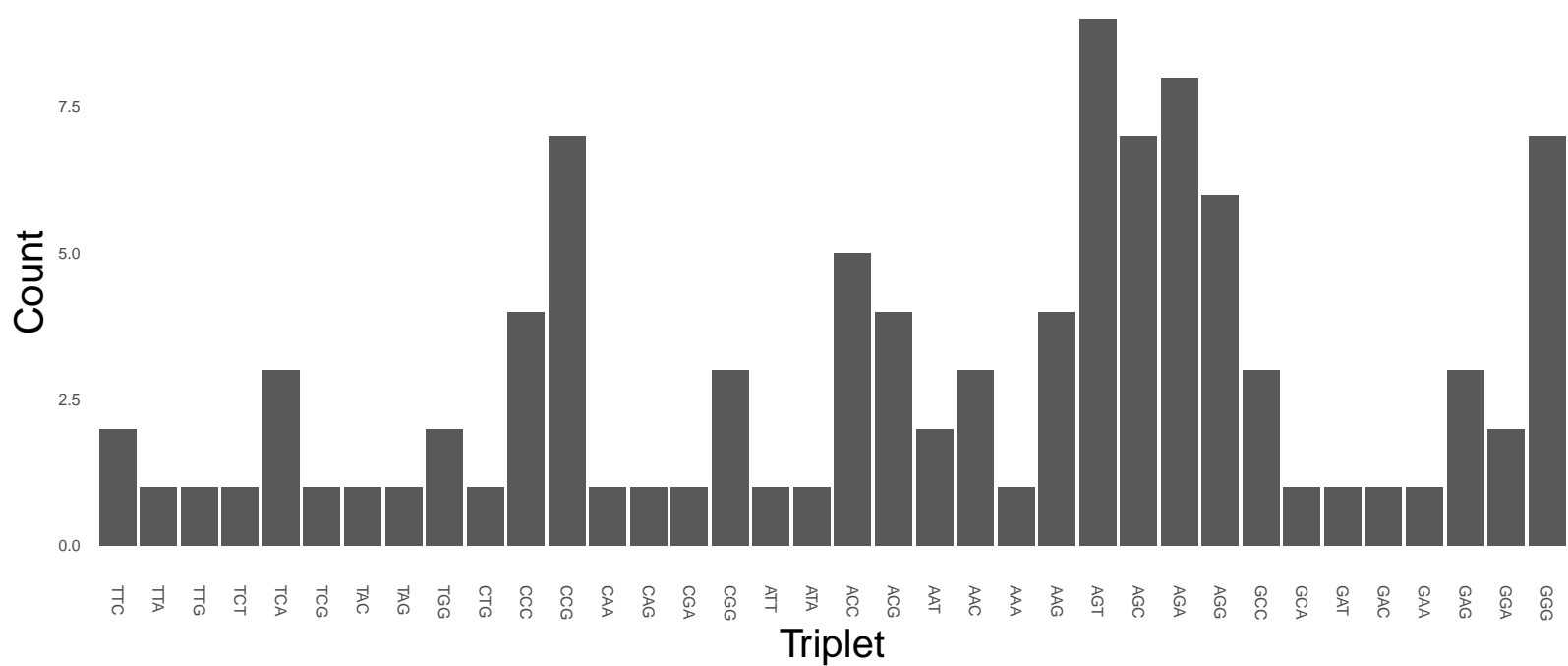
Gene TRBV7-1*ap01_G291C_T296C_C314T



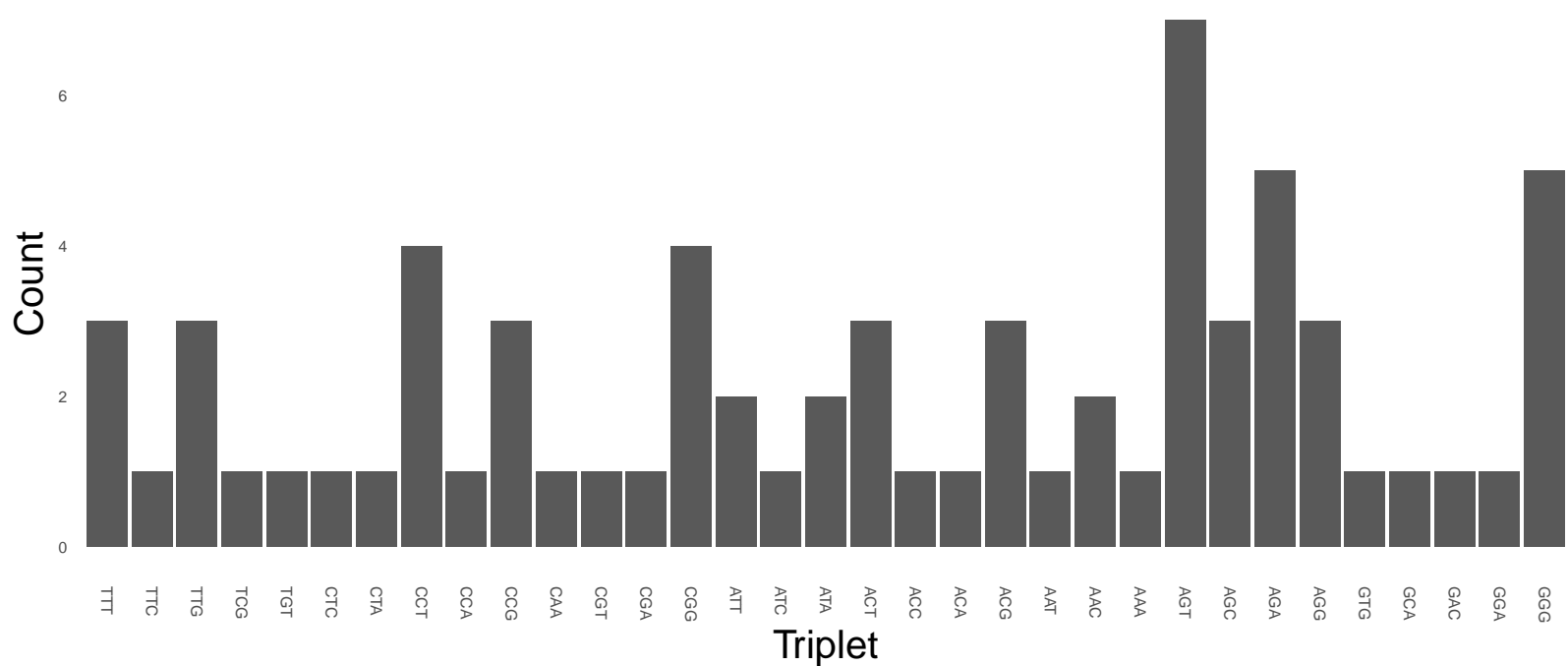
Gene TRBV7-1*ap01_G291C_T296C



TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet

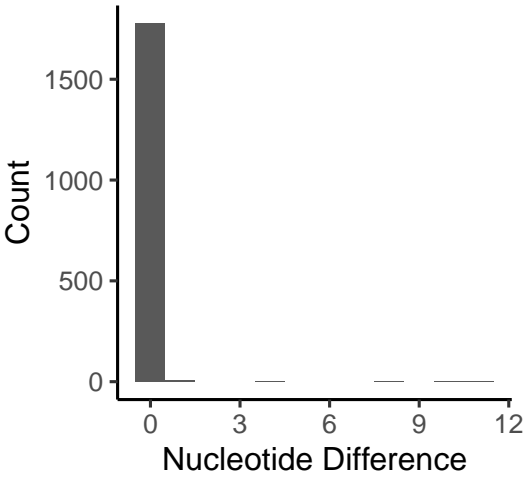


TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



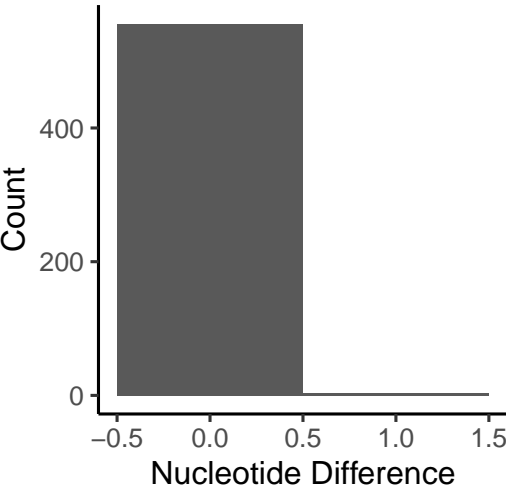
TRBV10-1*ap01

1790 sequences assigned
1777 (99.3%) exact matches, in which:
1752 unique CDR3
13 unique J



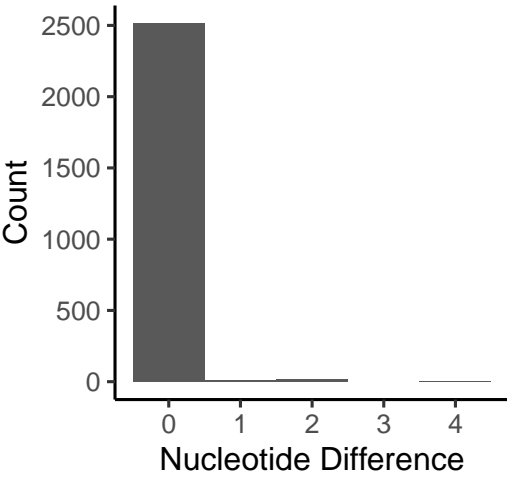
TRBV10-2*ap01

560 sequences assigned
556 (99.3%) exact matches, in which:
550 unique CDR3
13 unique J



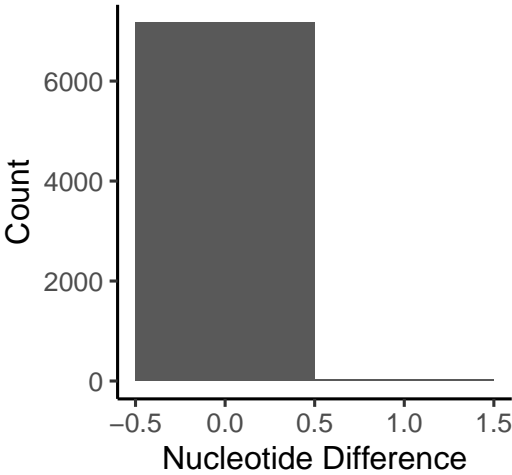
TRBV13*ap01

2549 sequences assigned
2514 (98.6%) exact matches, in which:
2468 unique CDR3
13 unique J



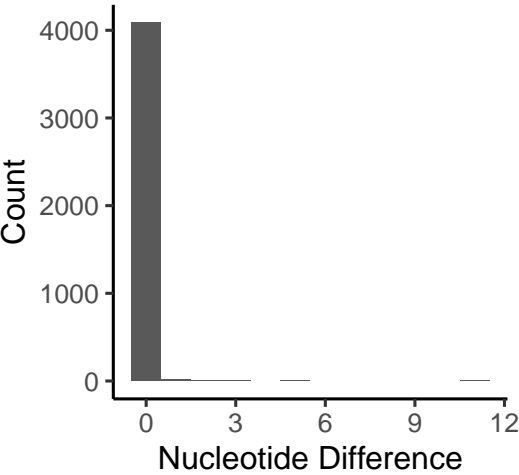
TRBV20-1*ap01

7206 sequences assigned
7167 (99.5%) exact matches, in which:
7120 unique CDR3
13 unique J



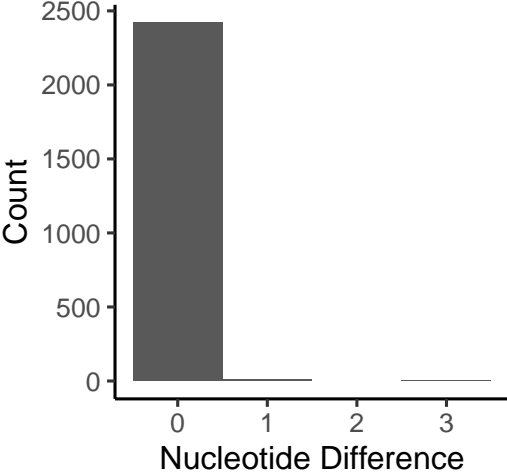
TRBV10-3*ap01

4111 sequences assigned
4086 (99.4%) exact matches, in which:
4055 unique CDR3
13 unique J



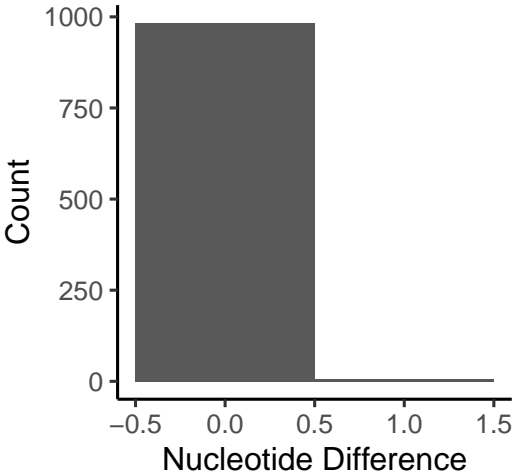
TRBV14*ap01

2432 sequences assigned
2420 (99.5%) exact matches, in which:
2412 unique CDR3
13 unique J



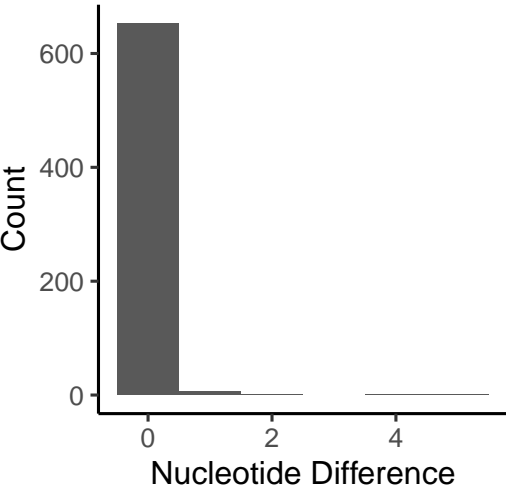
TRBV20-1*ap02

989 sequences assigned
983 (99.4%) exact matches, in which:
976 unique CDR3
13 unique J



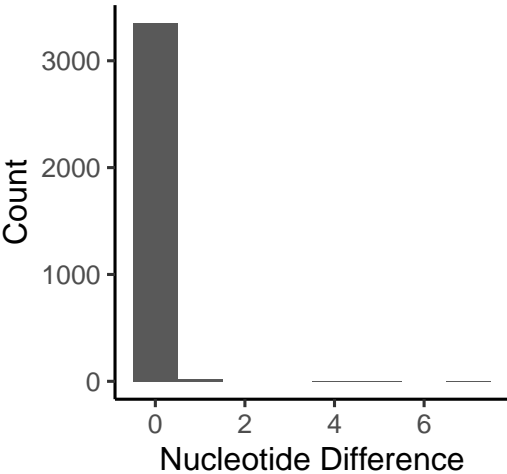
TRBV1*ap01

663 sequences assigned
653 (98.5%) exact matches, in which:
644 unique CDR3
13 unique J



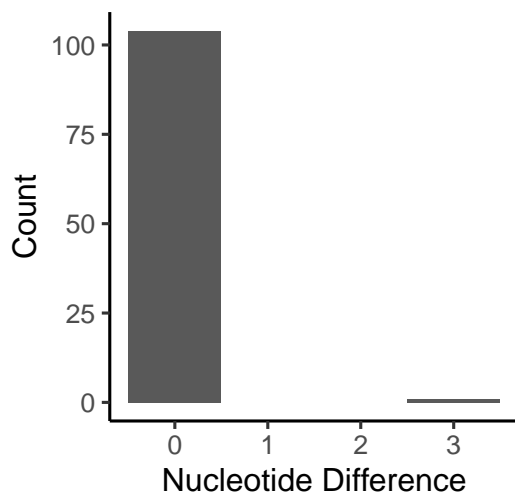
TRBV15*ap02

3375 sequences assigned
3353 (99.3%) exact matches, in which:
3314 unique CDR3
13 unique J



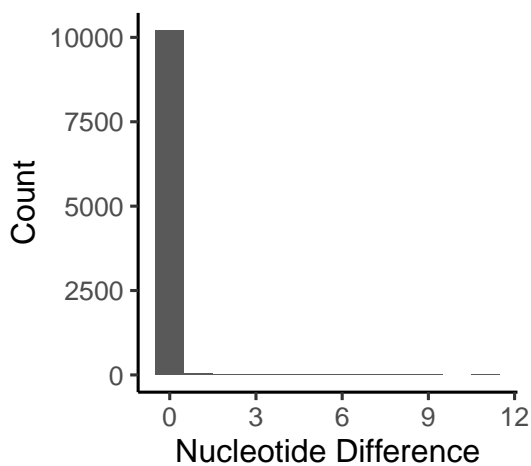
TRBV16*ap01

105 sequences assigned
104 (99%) exact matches, in which:
104 unique CDR3
12 unique J



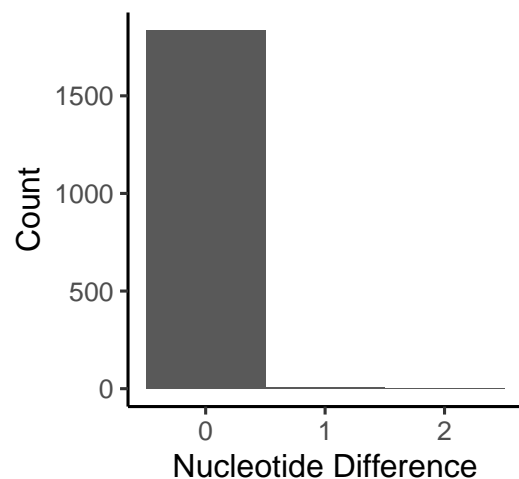
TRBV19*ap01

10278 sequences assigned
10214 (99.4%) exact matches, in which:
10190 unique CDR3
13 unique J



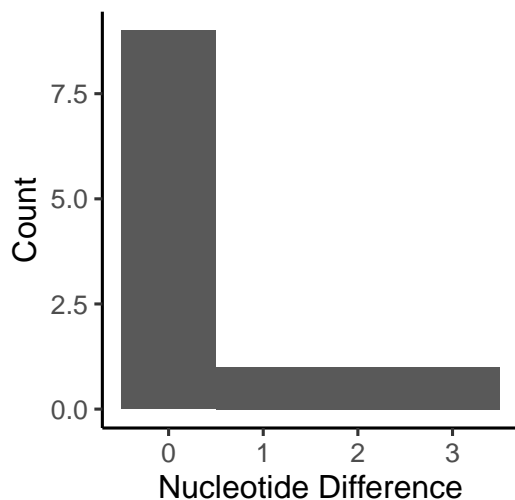
TRBV28*ap01

1846 sequences assigned
1835 (99.4%) exact matches, in which:
1821 unique CDR3
13 unique J



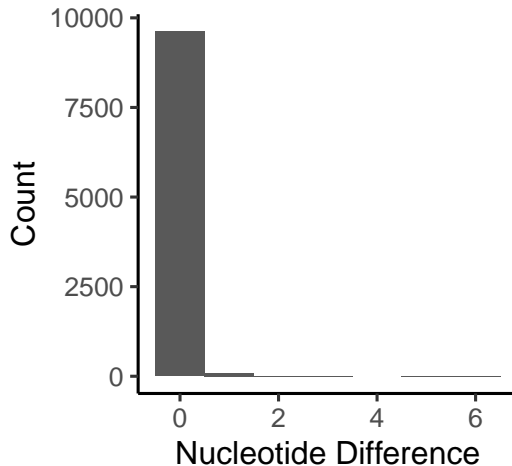
TRBV17*ap01

12 sequences assigned
9 (75%) exact matches, in which:
9 unique CDR3
7 unique J



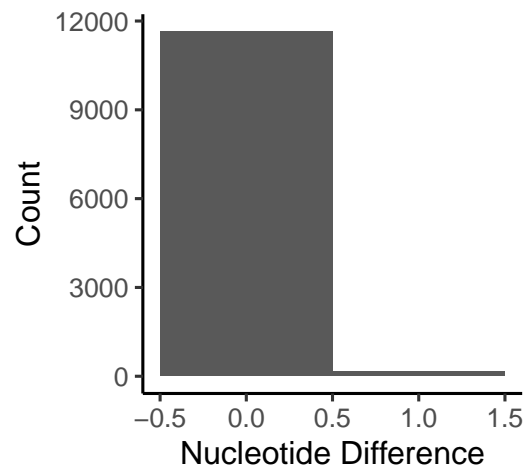
TRBV2*ap01

9714 sequences assigned
9620 (99%) exact matches, in which:
9482 unique CDR3
14 unique J



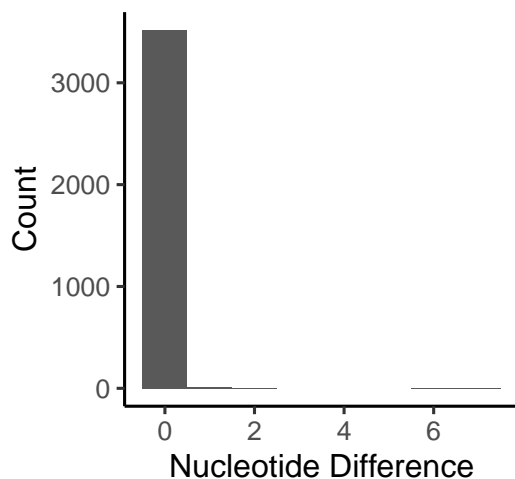
TRBV30*ap01

11808 sequences assigned
11647 (98.6%) exact matches, in which:
11377 unique CDR3
13 unique J



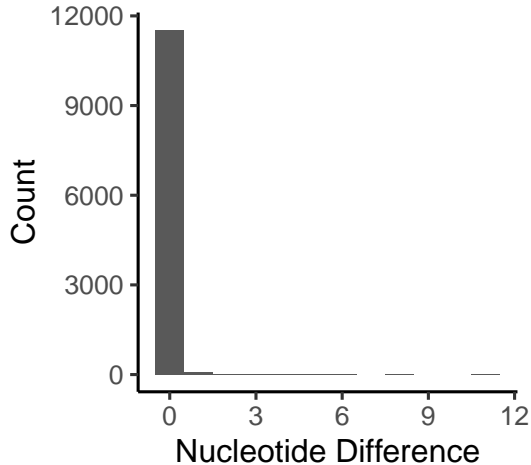
TRBV18*ap01

3533 sequences assigned
3518 (99.6%) exact matches, in which:
3508 unique CDR3
13 unique J



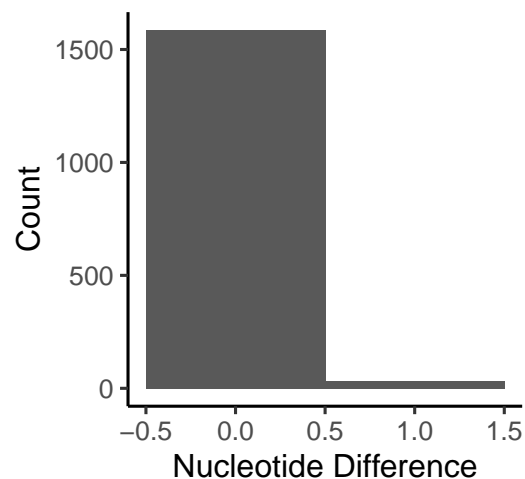
TRBV27*ap01

11633 sequences assigned
11535 (99.2%) exact matches, in which:
11414 unique CDR3
13 unique J



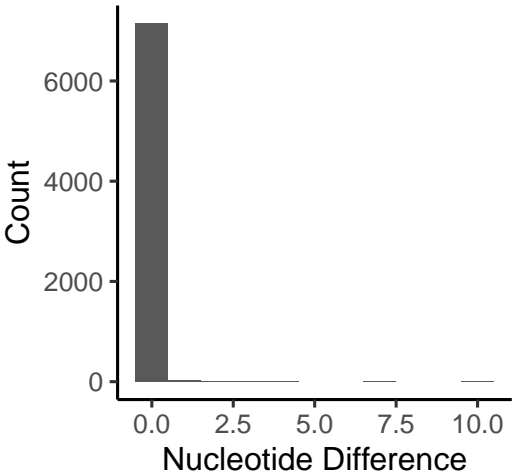
TRBV30*ap03

1618 sequences assigned
1586 (98%) exact matches, in which:
1542 unique CDR3
13 unique J



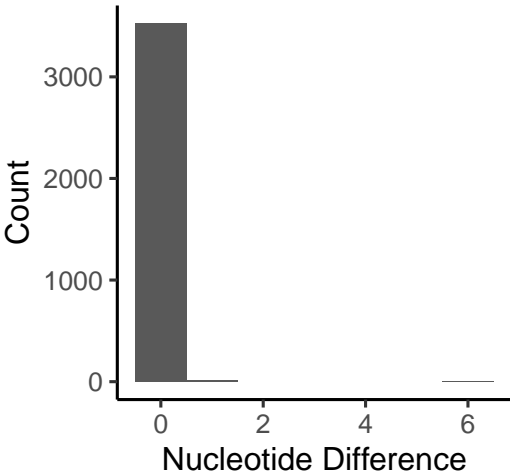
TRBV9*ap01

7185 sequences assigned
7148 (99.5%) exact matches, in which:
7103 unique CDR3
13 unique J



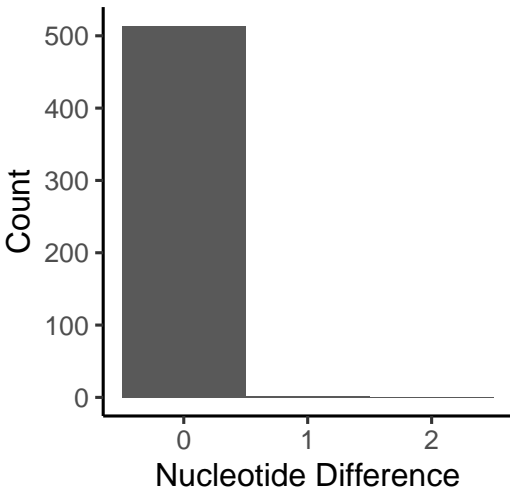
TRBV11-2*ap01

3537 sequences assigned
3526 (99.7%) exact matches, in which:
3512 unique CDR3
13 unique J



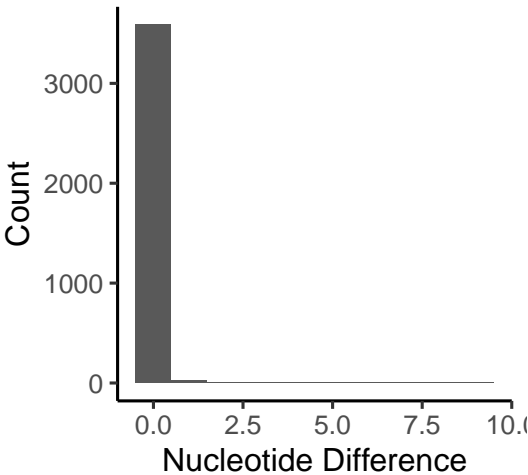
TRBV12-2*ap01

517 sequences assigned
514 (99.4%) exact matches, in which:
510 unique CDR3
12 unique J



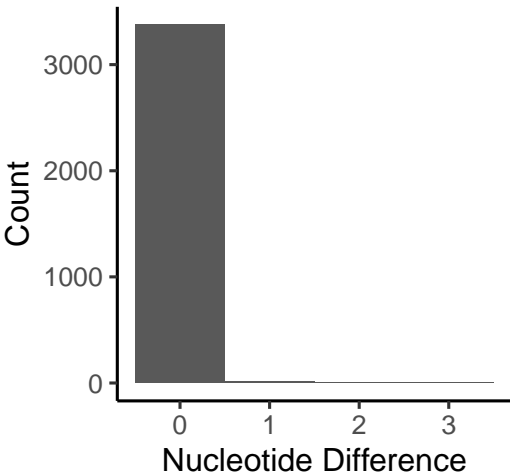
TRBV21-1*ap01

3637 sequences assigned
3587 (98.6%) exact matches, in which:
3575 unique CDR3
13 unique J



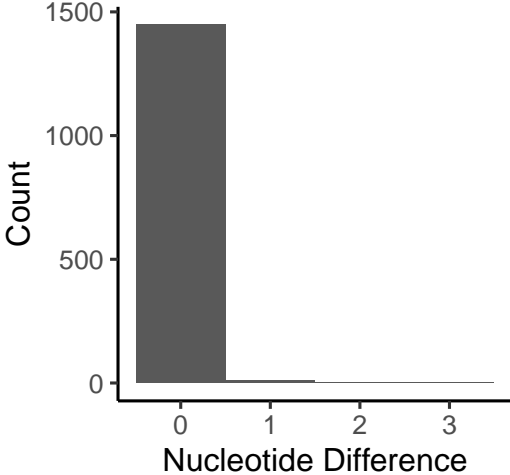
TRBV11-3*ap01

3393 sequences assigned
3376 (99.5%) exact matches, in which:
3362 unique CDR3
13 unique J



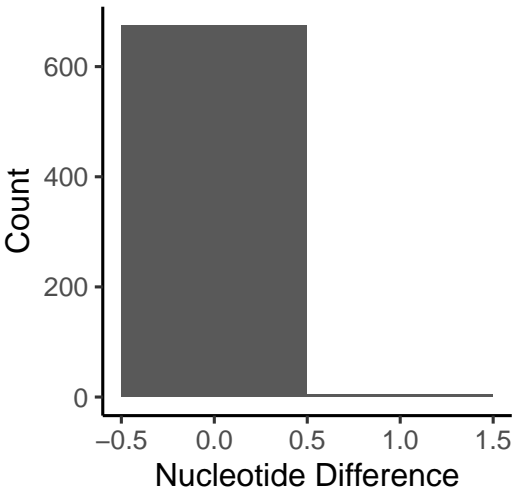
TRBV12-5*ap01

1461 sequences assigned
1448 (99.1%) exact matches, in which:
1436 unique CDR3
13 unique J



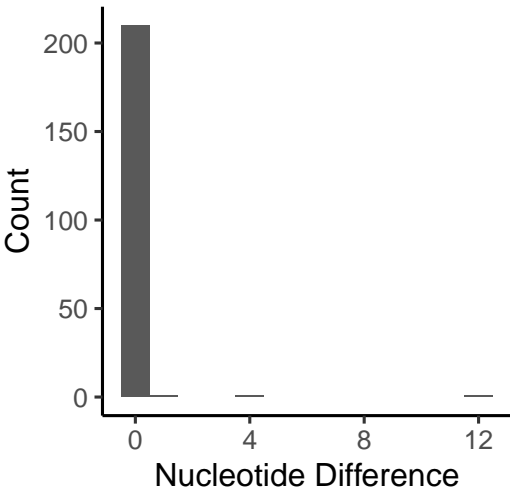
TRBV11-1*ap01

679 sequences assigned
675 (99.4%) exact matches, in which:
668 unique CDR3
13 unique J



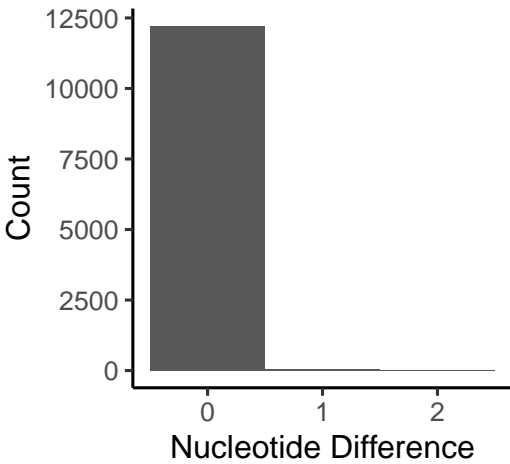
TRBV12-1*ap01

213 sequences assigned
210 (98.6%) exact matches, in which:
209 unique CDR3
13 unique J



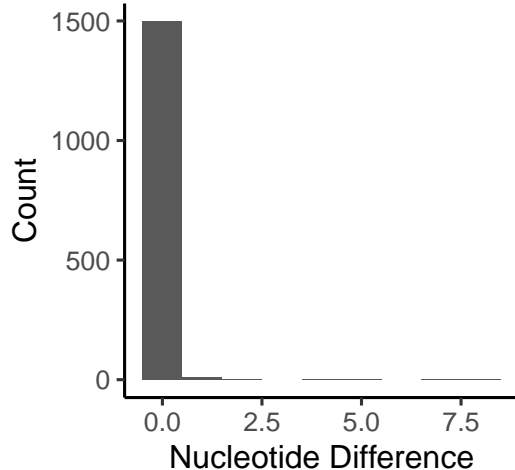
TRBV12-34*ap01

12295 sequences assigned
12221 (99.4%) exact matches, in which:
12151 unique CDR3
13 unique J



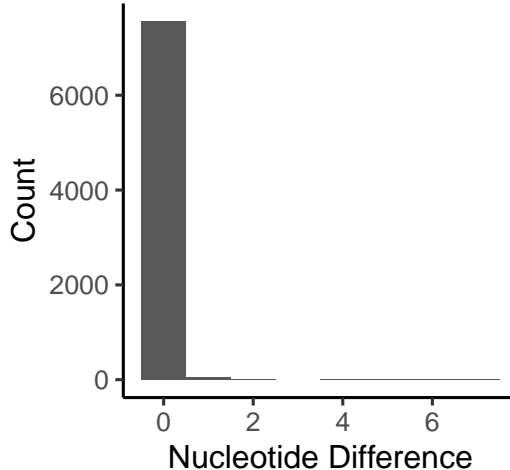
TRBV23-1*ap01

1516 sequences assigned
1498 (98.8%) exact matches, in which:
1490 unique CDR3
13 unique J



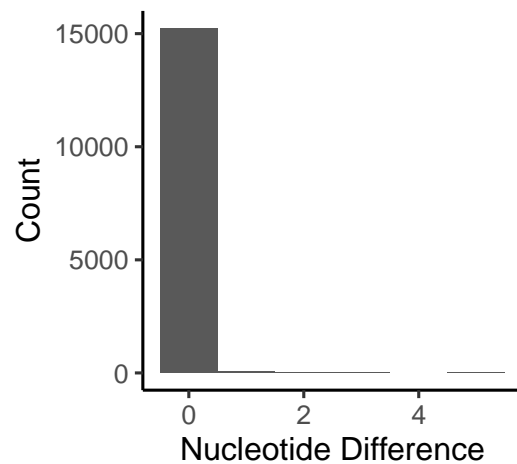
TRBV4-1*ap01

7624 sequences assigned
7558 (99.1%) exact matches, in which:
7461 unique CDR3
13 unique J



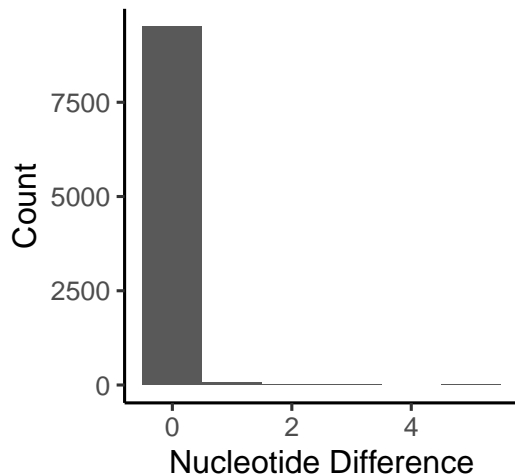
TRBV5-1*ap01

15337 sequences assigned
15243 (99.4%) exact matches, in which:
15008 unique CDR3
13 unique J



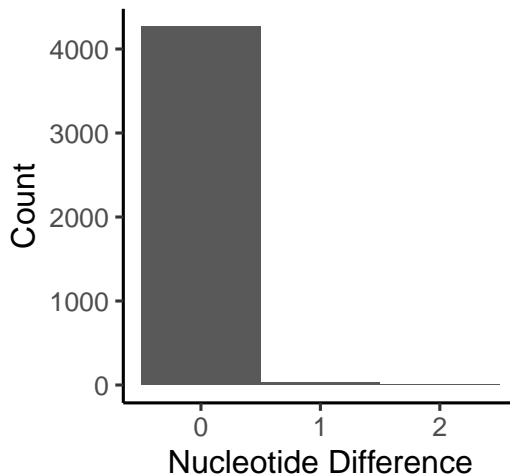
TRBV3-12*ap01

9564 sequences assigned
9504 (99.4%) exact matches, in which:
9409 unique CDR3
13 unique J



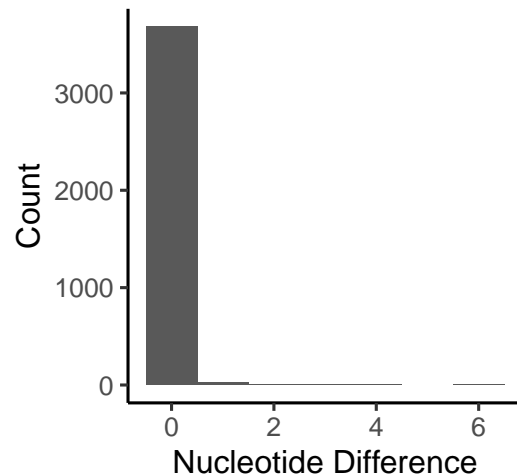
TRBV4-2*ap01

4290 sequences assigned
4265 (99.4%) exact matches, in which:
4211 unique CDR3
13 unique J



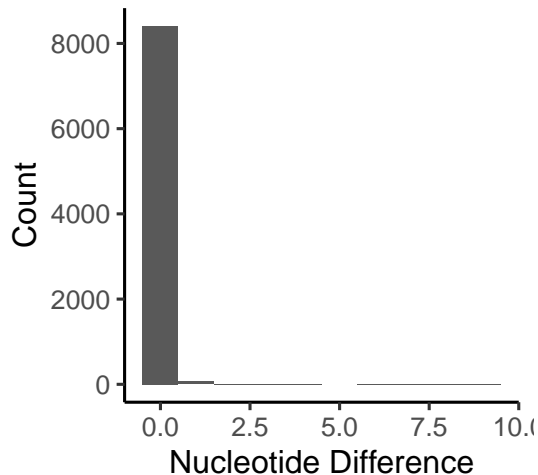
TRBV25-1*ap01

3717 sequences assigned
3680 (99%) exact matches, in which:
3624 unique CDR3
13 unique J



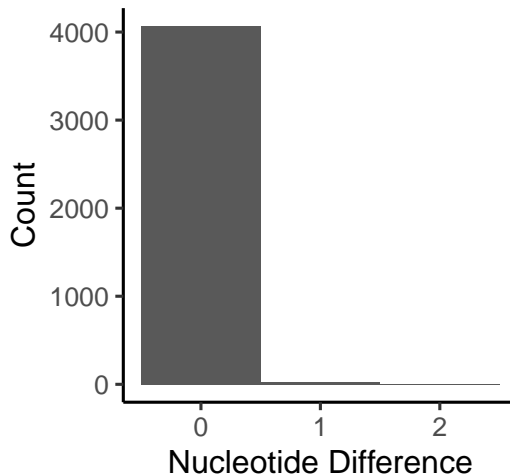
TRBV24-1*ap01

8500 sequences assigned
8408 (98.9%) exact matches, in which:
8308 unique CDR3
13 unique J



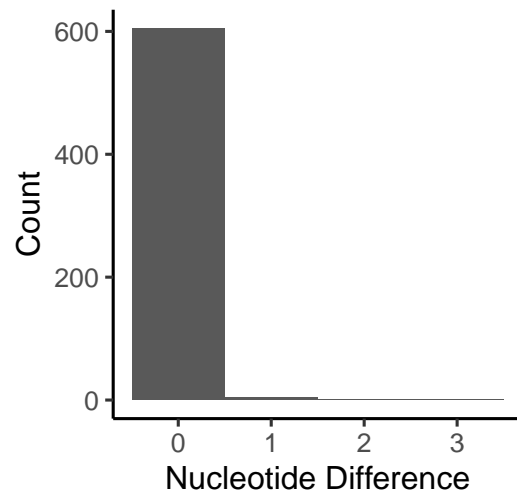
TRBV4-3*ap01

4096 sequences assigned
4068 (99.3%) exact matches, in which:
4022 unique CDR3
13 unique J



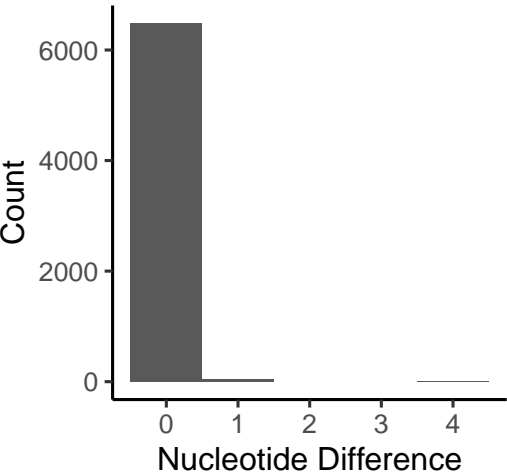
TRBV5-3*ap01

611 sequences assigned
605 (99%) exact matches, in which:
603 unique CDR3
13 unique J



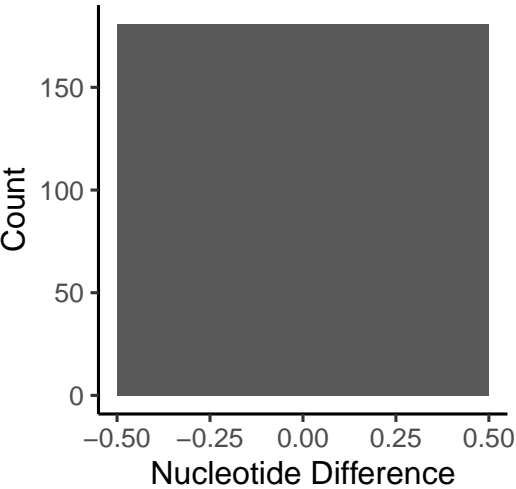
TRBV5-4*ap01

6528 sequences assigned
6481 (99.3%) exact matches, in which:
6432 unique CDR3
13 unique J



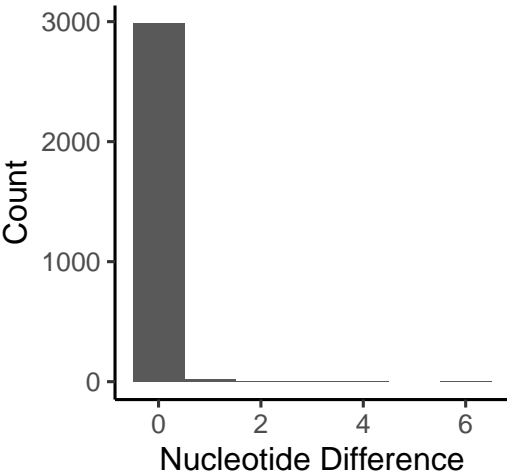
TRBV5-7*ap01

181 sequences assigned
181 (100%) exact matches, in which:
177 unique CDR3
13 unique J



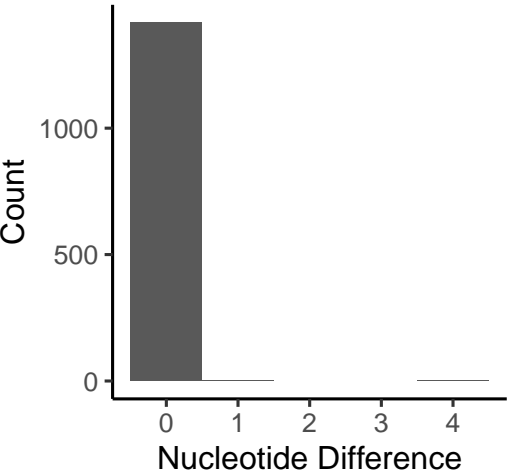
TRBV6-4*ap01

3018 sequences assigned
2985 (98.9%) exact matches, in which:
2975 unique CDR3
13 unique J



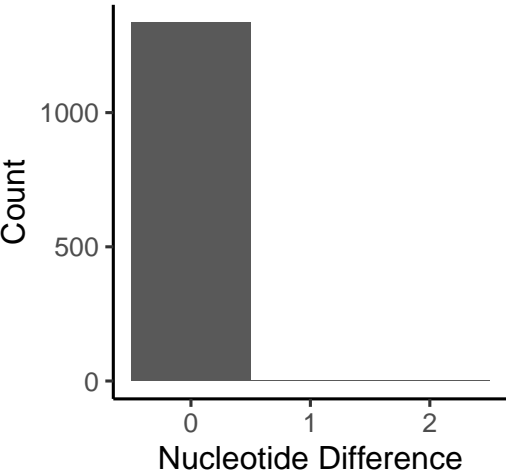
TRBV5-5*ap01

1421 sequences assigned
1417 (99.7%) exact matches, in which:
1412 unique CDR3
13 unique J



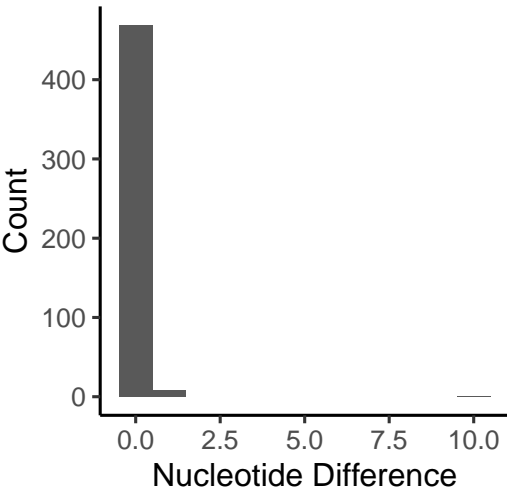
TRBV5-8*ap01

1338 sequences assigned
1335 (99.8%) exact matches, in which:
1327 unique CDR3
13 unique J



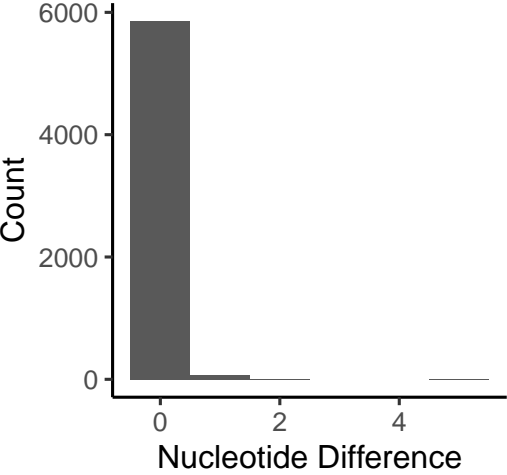
TRBV6-7*ap01

478 sequences assigned
469 (98.1%) exact matches, in which:
465 unique CDR3
13 unique J



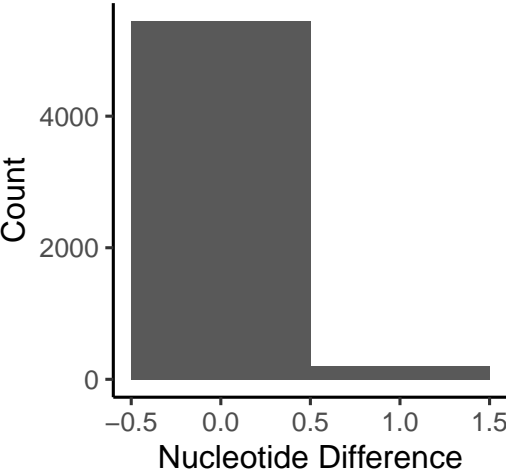
TRBV5-6*ap01

5927 sequences assigned
5858 (98.8%) exact matches, in which:
5753 unique CDR3
13 unique J



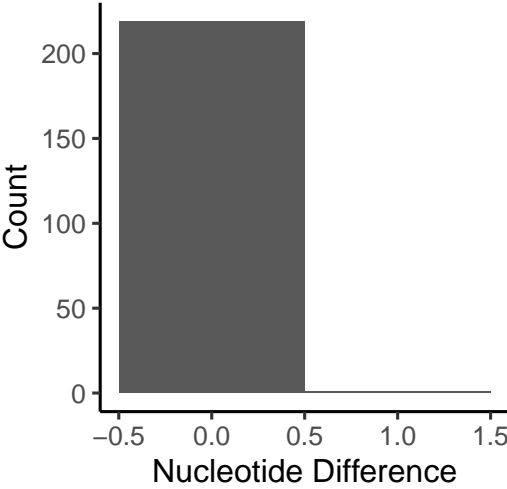
TRBV6-1*ap01

5648 sequences assigned
5446 (96.4%) exact matches, in which:
5369 unique CDR3
13 unique J



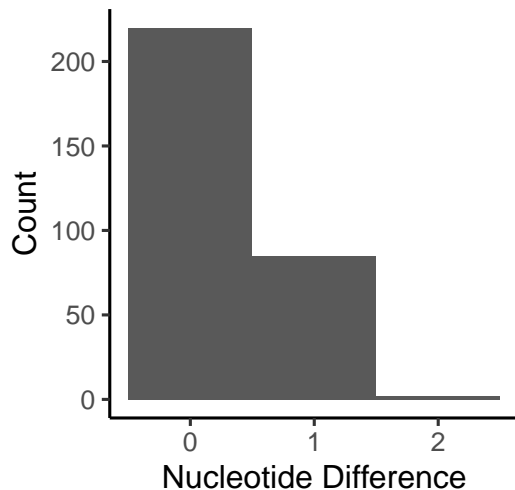
TRBV6-8*ap01

220 sequences assigned
219 (99.5%) exact matches, in which:
215 unique CDR3
13 unique J



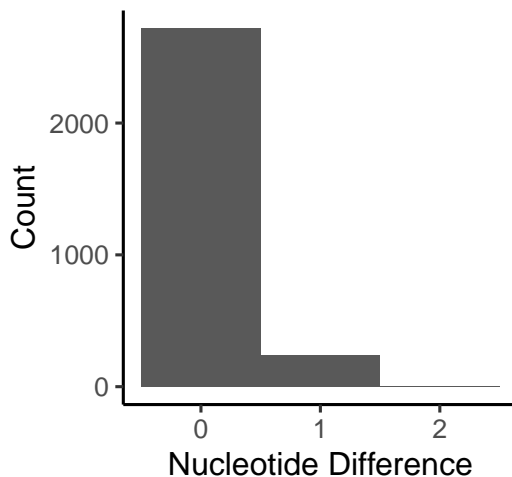
TRBV6-9*ap01

307 sequences assigned
220 (71.7%) exact matches, in which:
216 unique CDR3
13 unique J



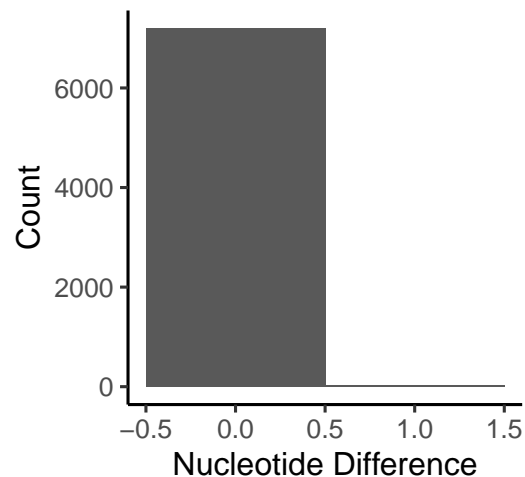
TRBV6-56*ap02

2956 sequences assigned
2718 (91.9%) exact matches, in which:
2668 unique CDR3
13 unique J



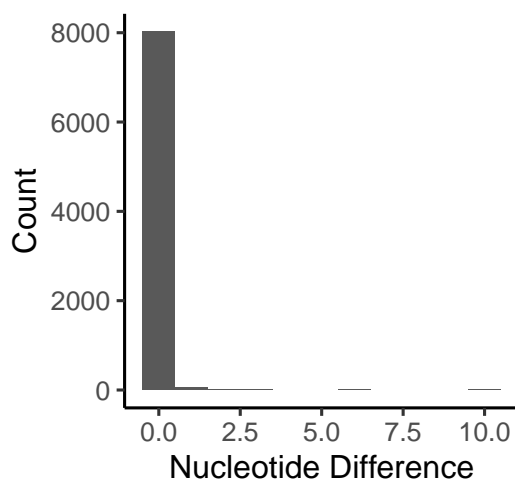
TRBV7-2*ap01

7221 sequences assigned
7196 (99.7%) exact matches, in which:
7157 unique CDR3
13 unique J



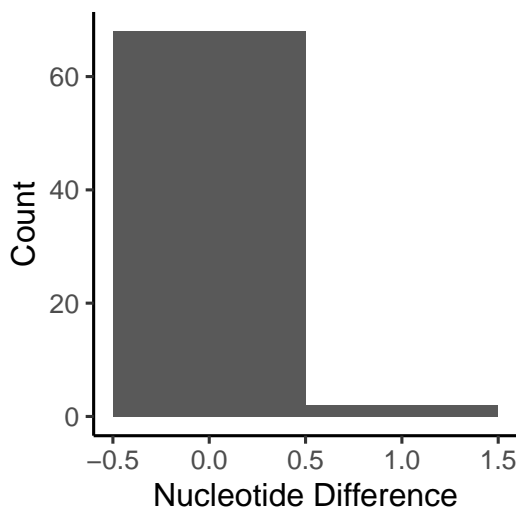
TRBV6-23*ap01

8094 sequences assigned
8022 (99.1%) exact matches, in which:
7870 unique CDR3
13 unique J



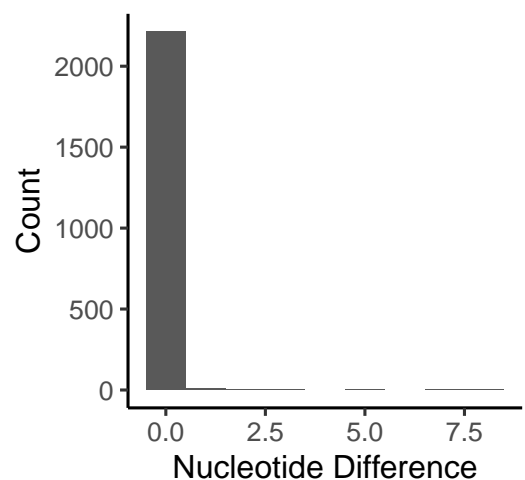
TRBV7-1*ap01_G291C_T

70 sequences assigned
68 (97.1%) exact matches, in which:
65 unique CDR3
11 unique J



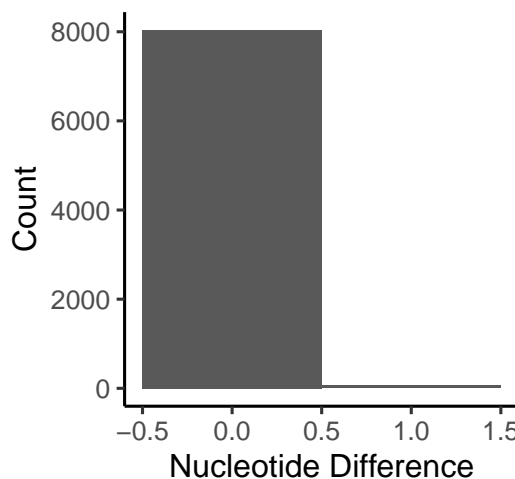
TRBV7-3*ap01

2226 sequences assigned
2213 (99.4%) exact matches, in which:
2208 unique CDR3
13 unique J



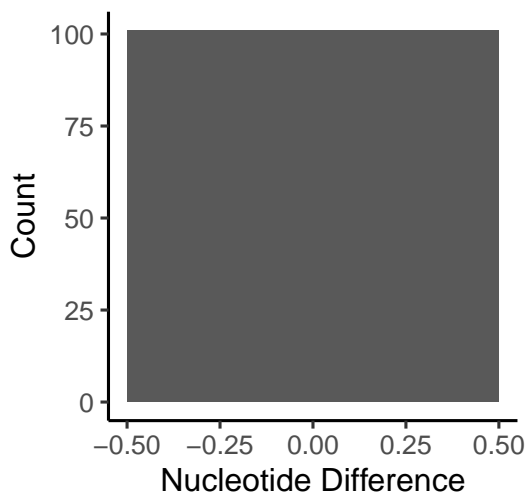
TRBV6-56*ap01

8098 sequences assigned
8038 (99.3%) exact matches, in which:
7890 unique CDR3
13 unique J



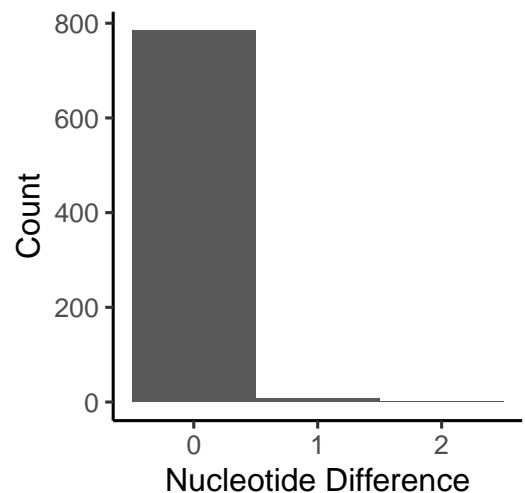
TRBV7-1*ap01_G291C_

101 sequences assigned
101 (100%) exact matches, in which:
99 unique CDR3
12 unique J



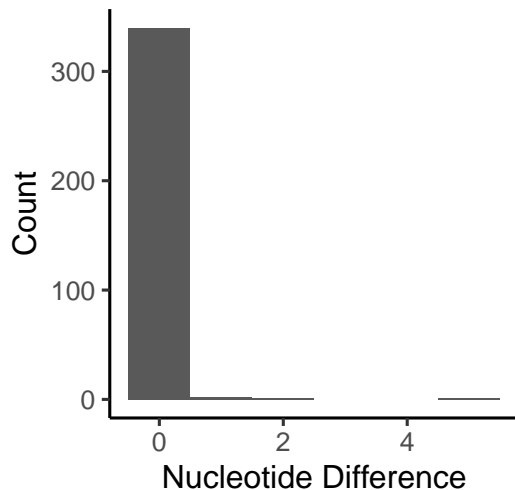
TRBV7-3*ap03

793 sequences assigned
785 (99%) exact matches, in which:
784 unique CDR3
13 unique J



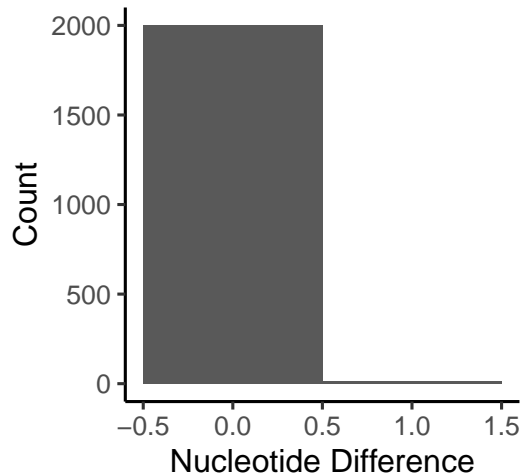
TRBV7-4*ap01

344 sequences assigned
340 (98.8%) exact matches, in which:
339 unique CDR3
13 unique J



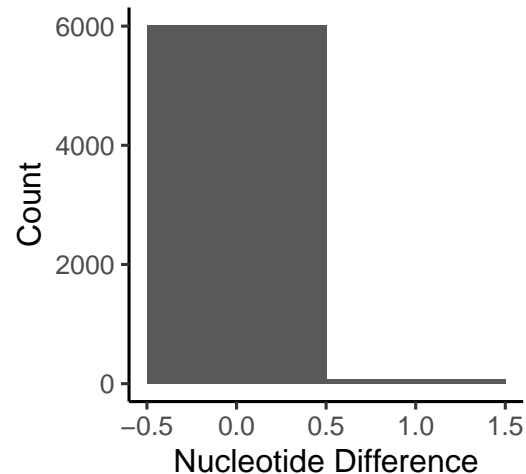
TRBV7-8*ap01

2012 sequences assigned
2000 (99.4%) exact matches, in which:
1983 unique CDR3
13 unique J



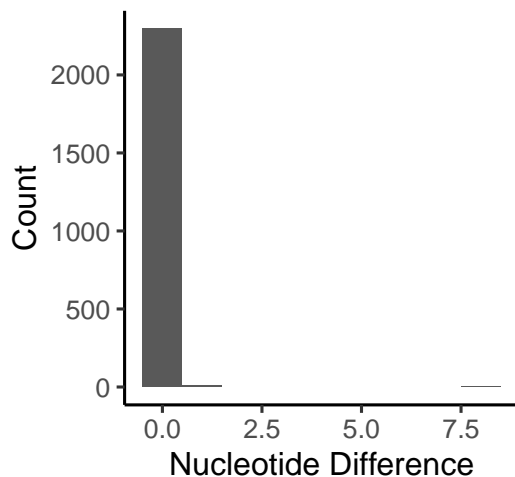
TRBV29-1*ap01

6091 sequences assigned
6012 (98.7%) exact matches, in which:
5863 unique CDR3
13 unique J



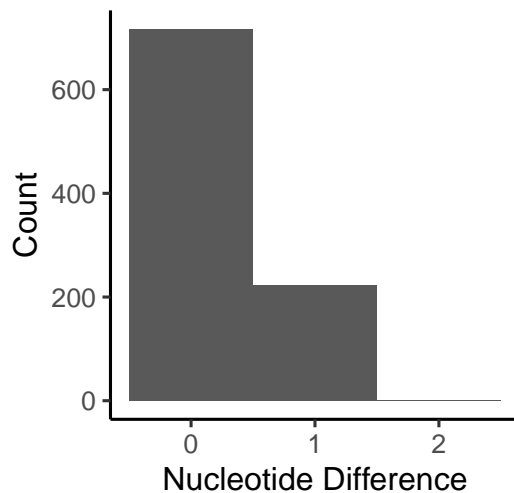
TRBV7-6*ap01

2304 sequences assigned
2296 (99.7%) exact matches, in which:
2283 unique CDR3
13 unique J



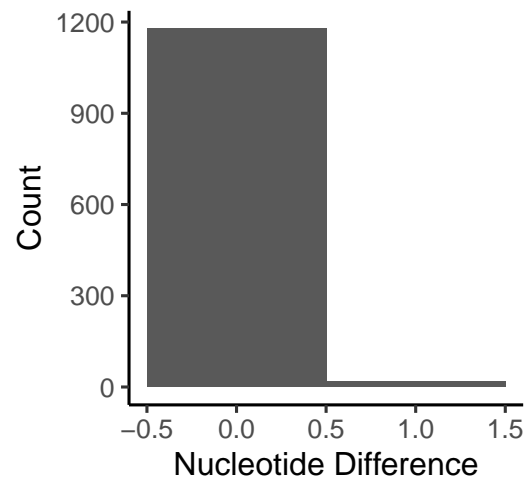
TRBV7-8*ap03

941 sequences assigned
717 (76.2%) exact matches, in which:
713 unique CDR3
13 unique J



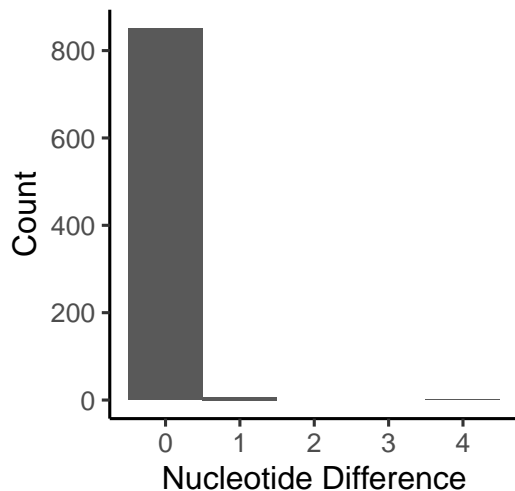
TRBV29-1*ap02

1196 sequences assigned
1178 (98.5%) exact matches, in which:
1147 unique CDR3
13 unique J



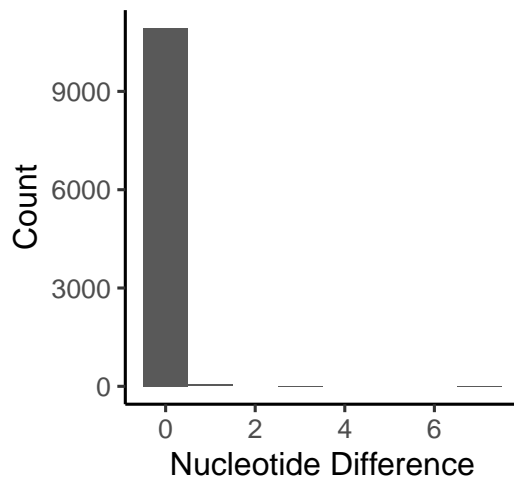
TRBV7-7*ap01

859 sequences assigned
851 (99.1%) exact matches, in which:
844 unique CDR3
13 unique J

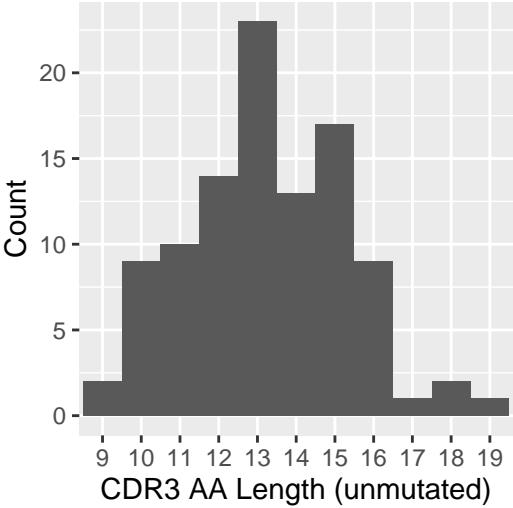


TRBV7-9*ap01

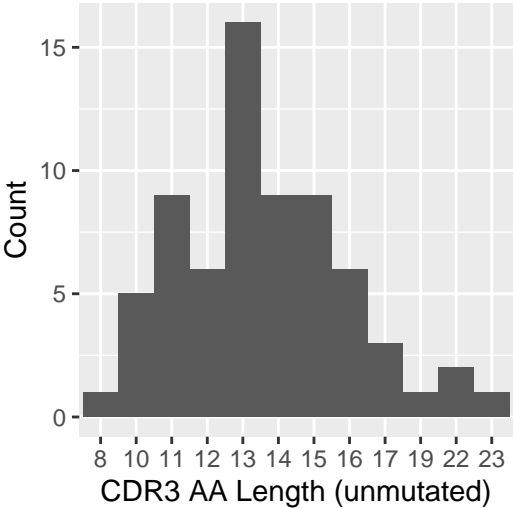
10991 sequences assigned
10933 (99.5%) exact matches, in which:
10876 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C





[illegible]