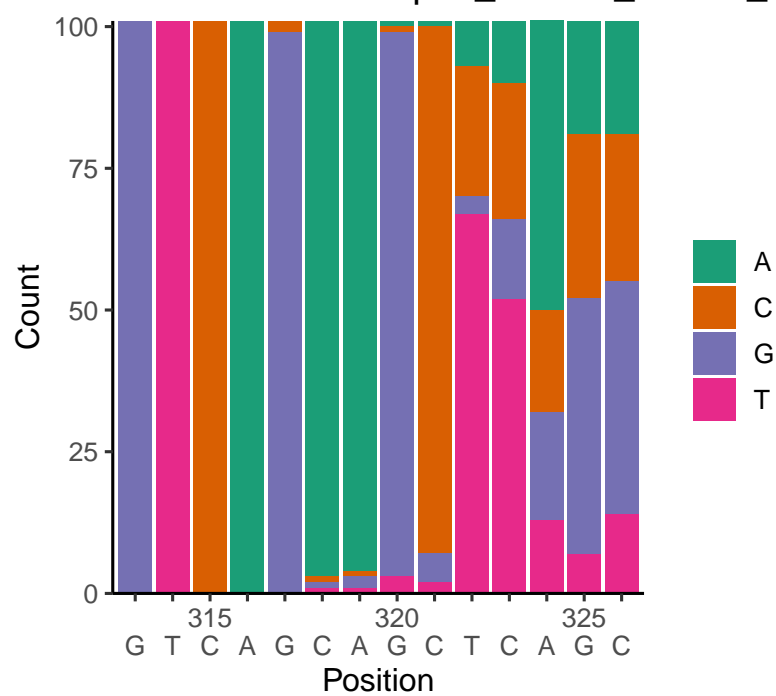
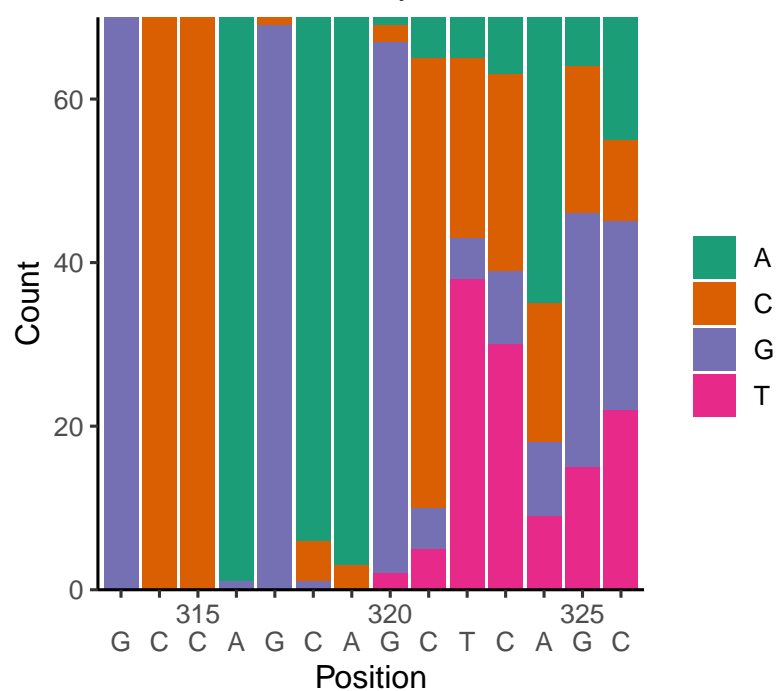


Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



Gene TRBV7-1\*ap01\_G291C\_T296C



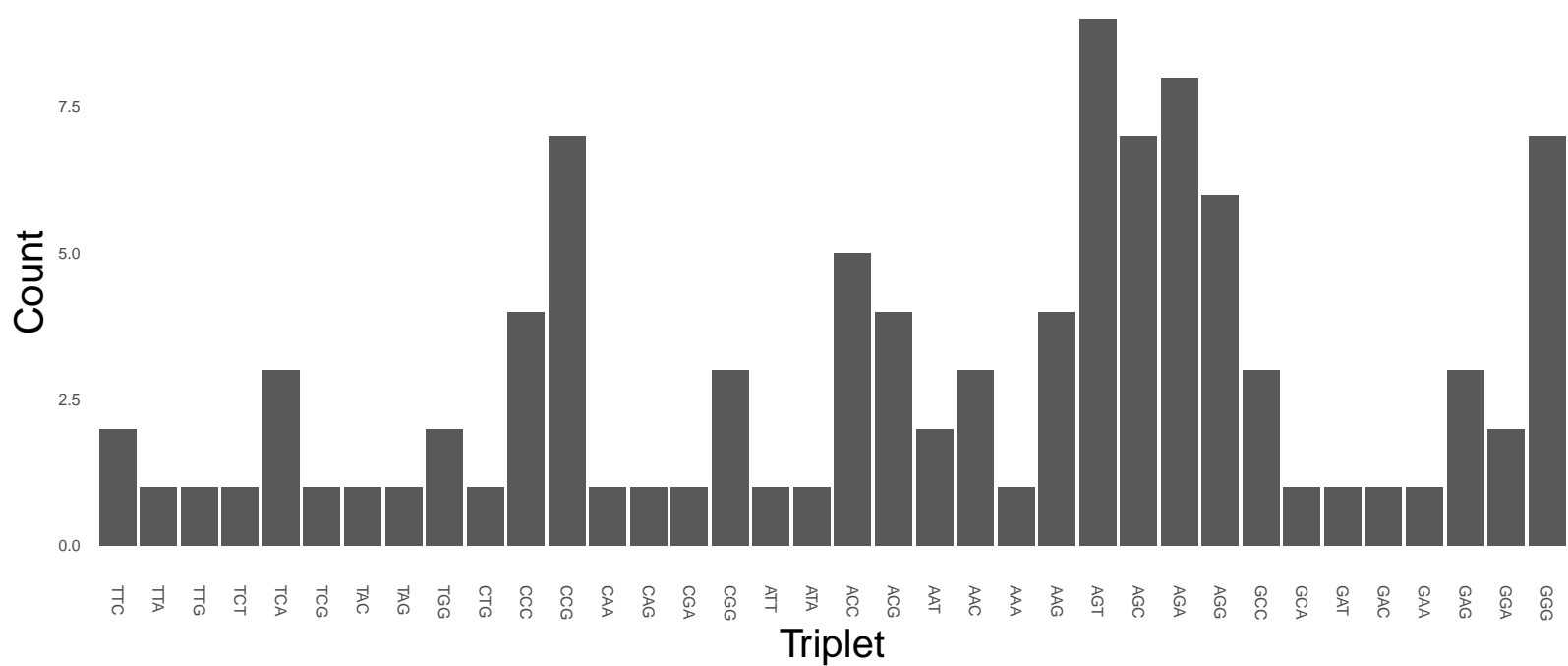
Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



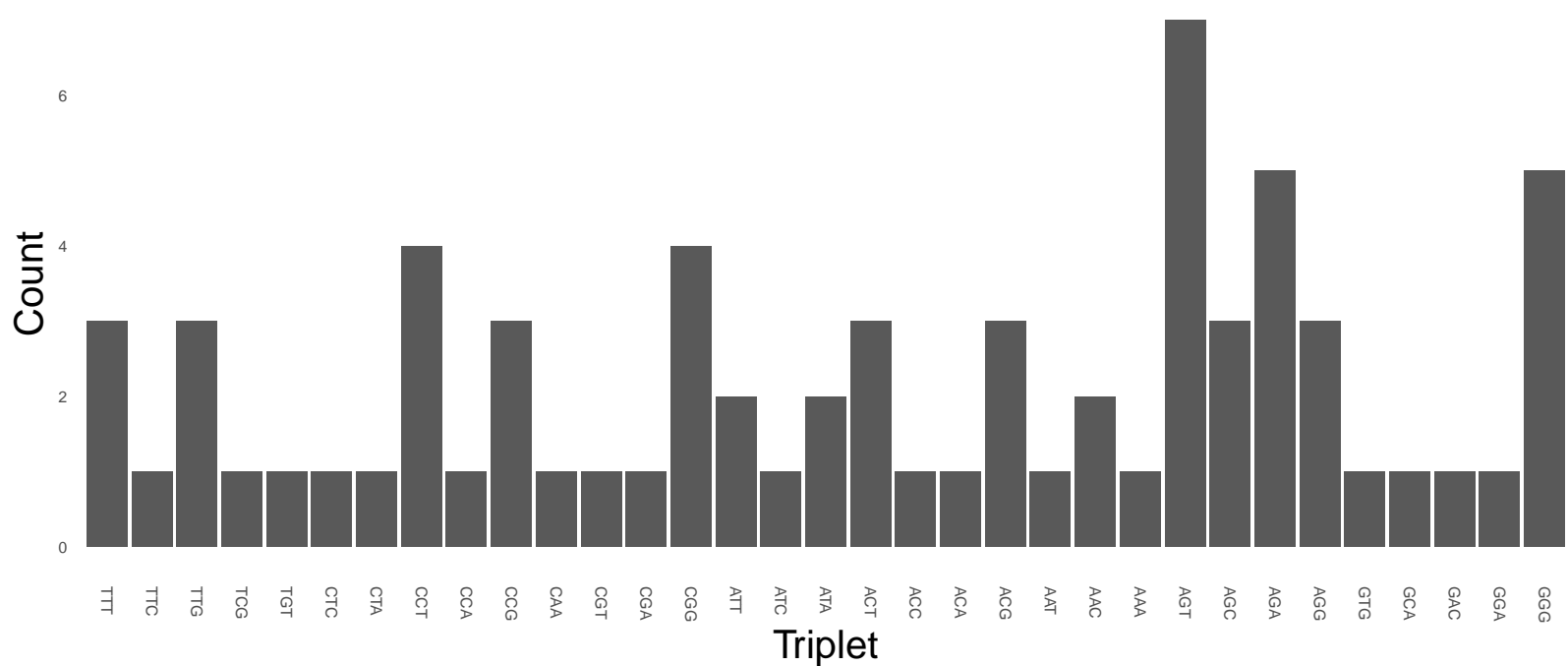
Gene TRBV7-1\*ap01\_G291C\_T296C



TRBV7-1\*ap01\_G291C\_T296C\_C314T- Final 3 nucleotides as a triplet

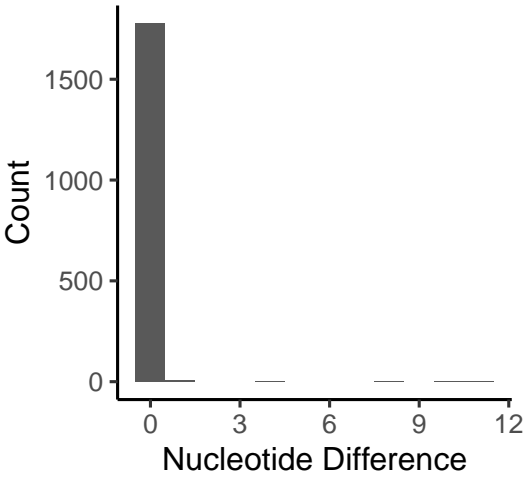


TRBV7-1\*ap01\_G291C\_T296C- Final 3 nucleotides as a triplet



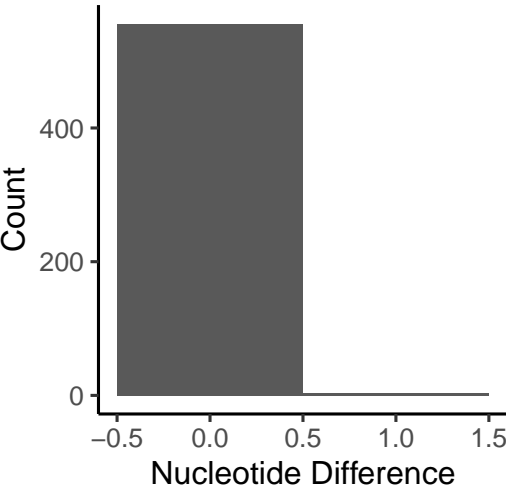
TRBV10-1\*ap01

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



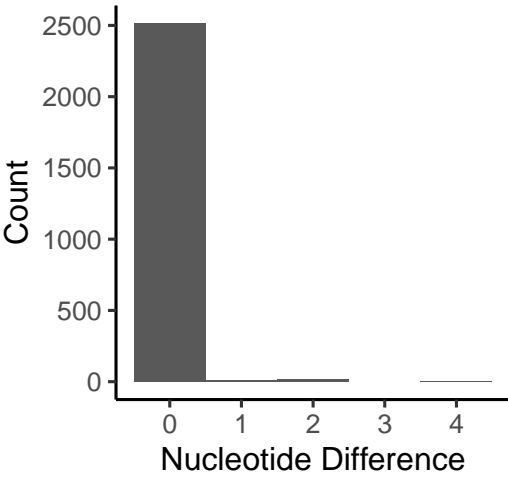
TRBV10-2\*ap01

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



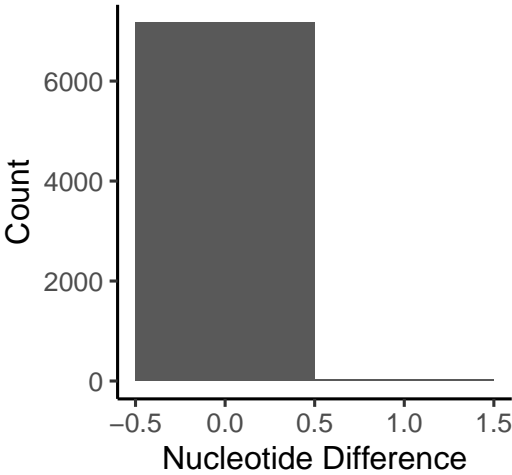
TRBV13\*ap01

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



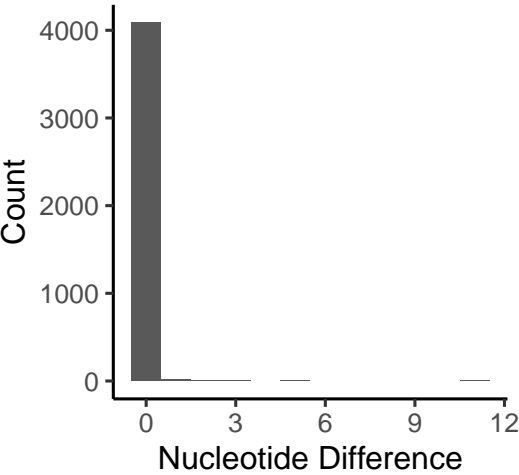
TRBV20-1\*ap01

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



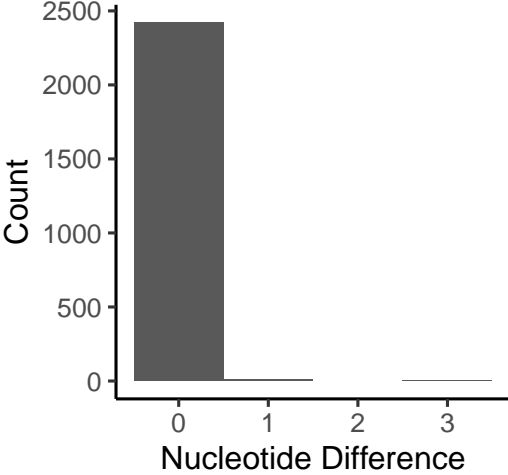
TRBV10-3\*ap01

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



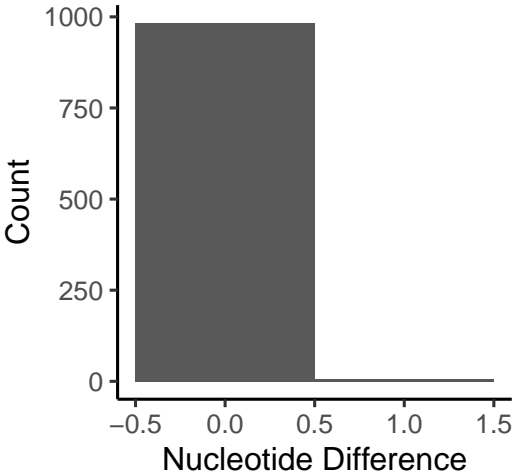
TRBV14\*ap01

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



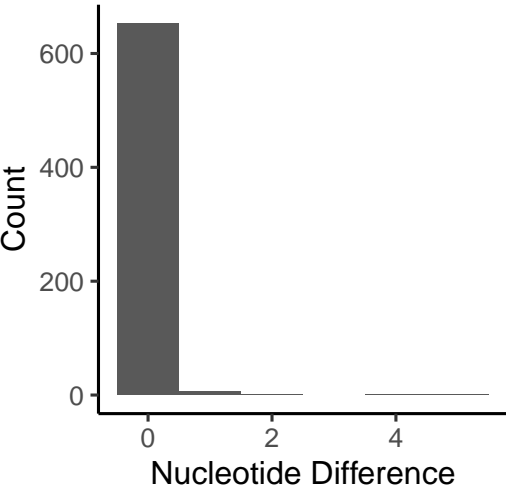
TRBV20-1\*ap02

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



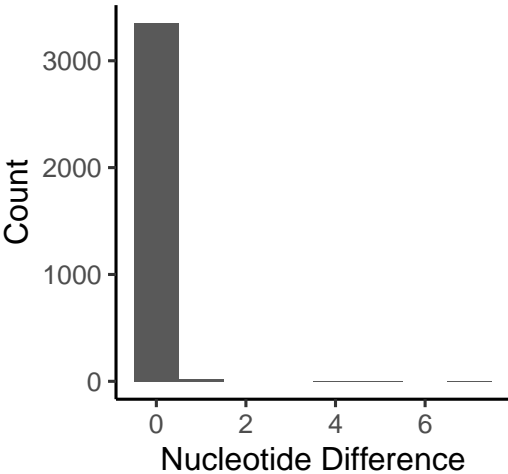
TRBV1\*ap01

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



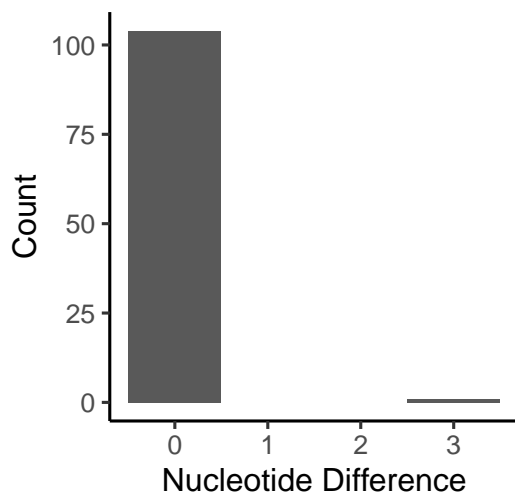
TRBV15\*ap02

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



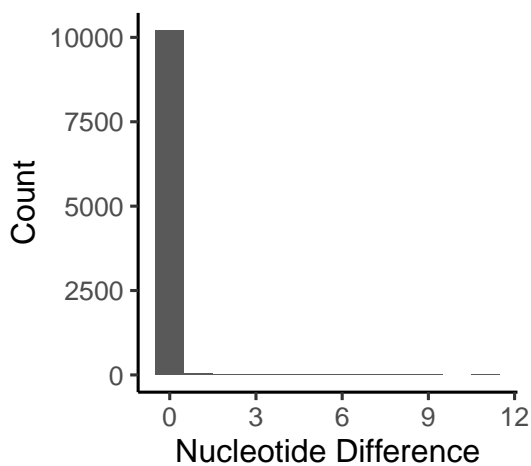
### TRBV16\*ap01

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



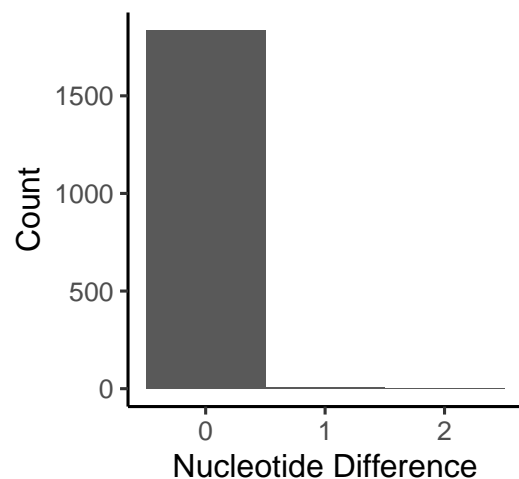
### TRBV19\*ap01

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



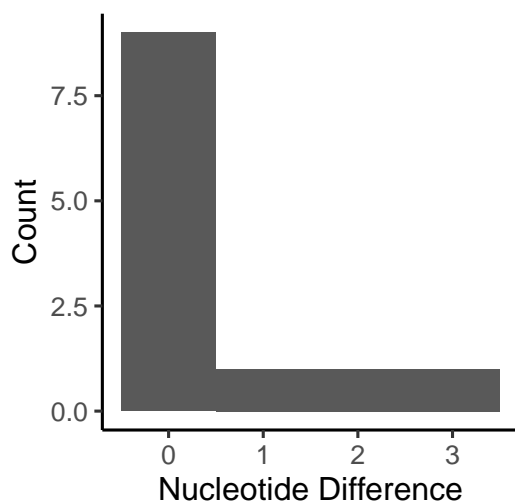
### TRBV28\*ap01

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



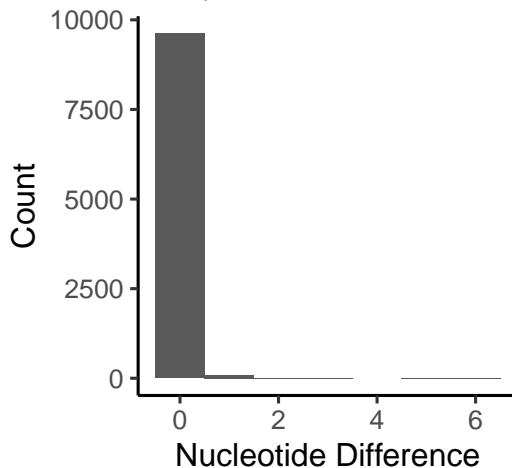
### TRBV17\*ap01

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



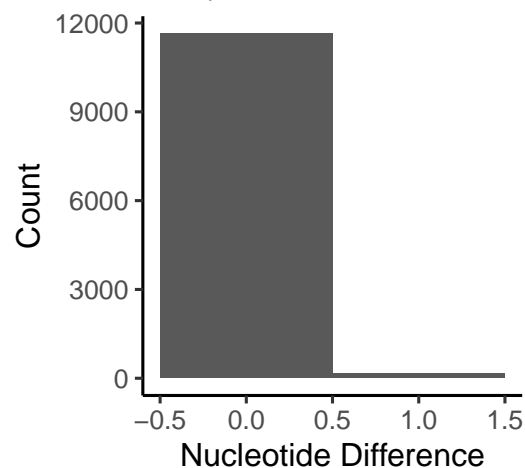
### TRBV2\*ap01

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



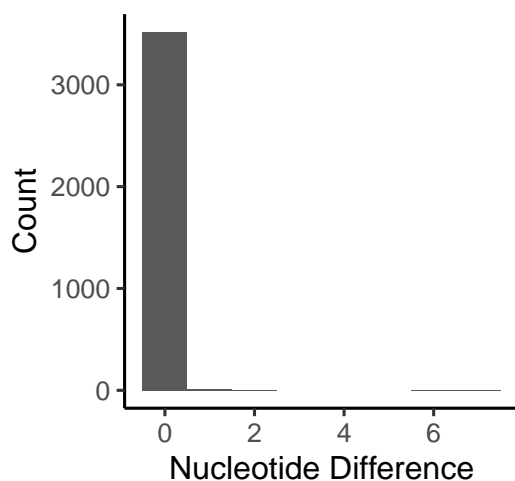
### TRBV30\*ap01

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



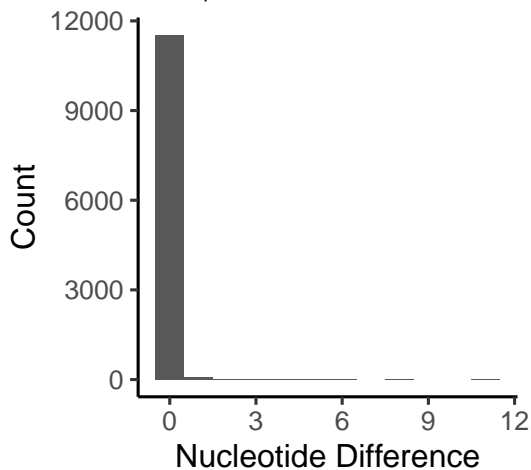
### TRBV18\*ap01

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



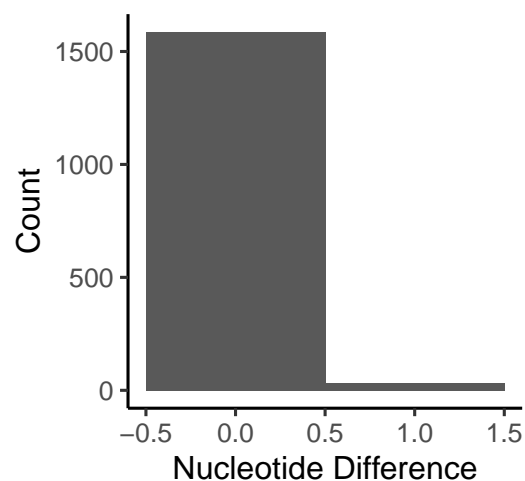
### TRBV27\*ap01

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



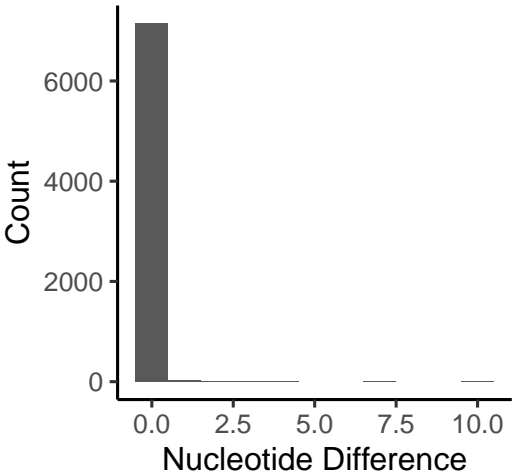
### TRBV30\*ap03

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



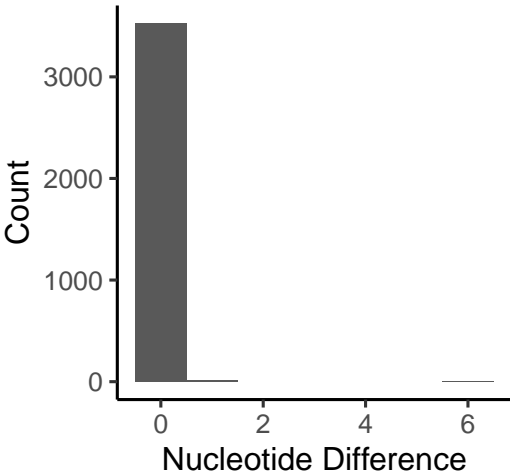
TRBV9\*ap01

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



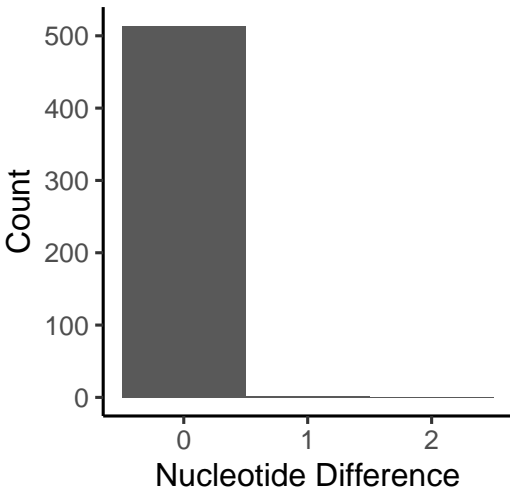
TRBV11-2\*ap01

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



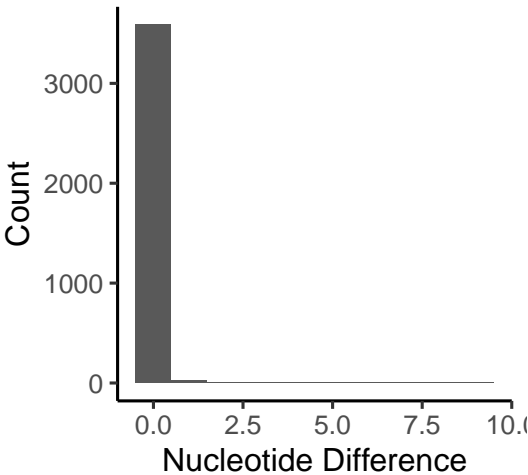
TRBV12-2\*ap01

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



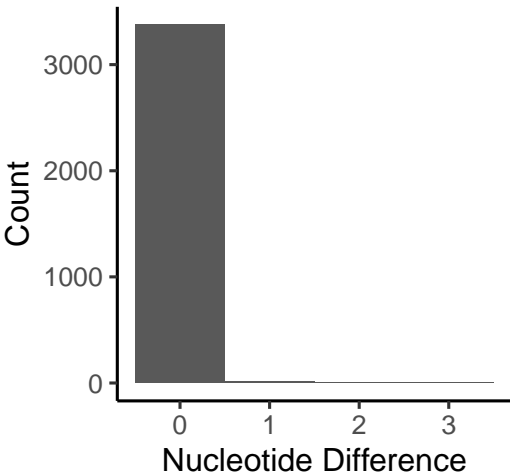
TRBV21-1\*ap01

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



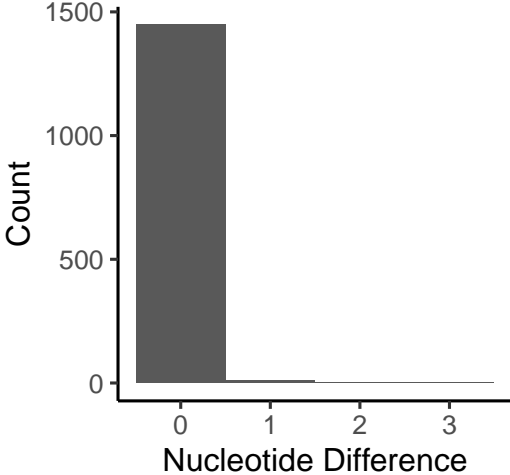
TRBV11-3\*ap01

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



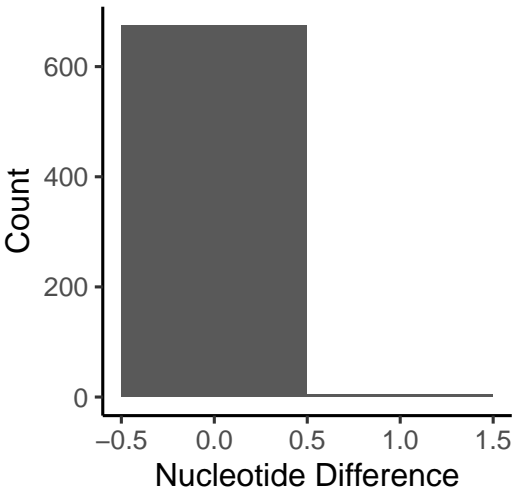
TRBV12-5\*ap01

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



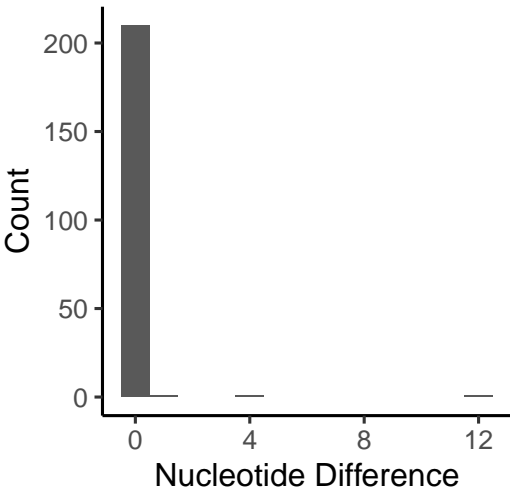
TRBV11-1\*ap01

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



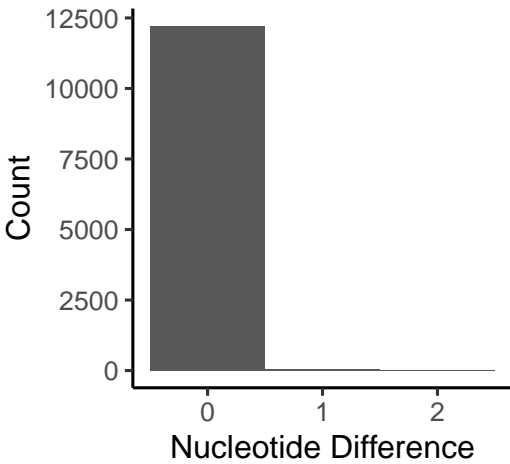
TRBV12-1\*ap01

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



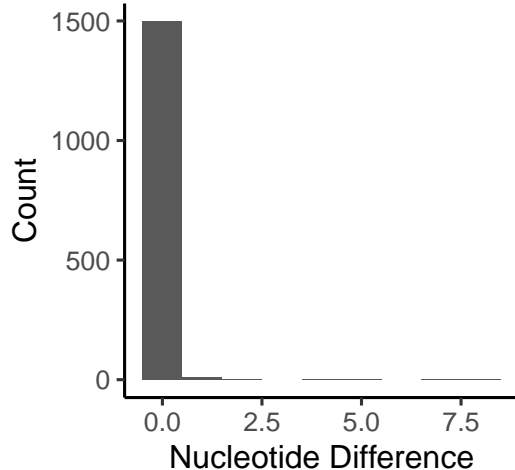
TRBV12-34\*ap01

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



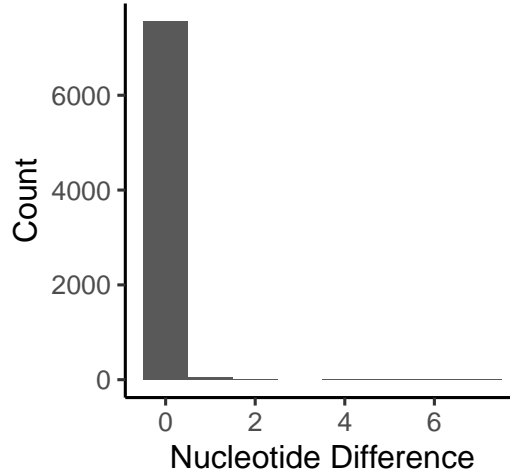
### TRBV23-1\*ap01

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



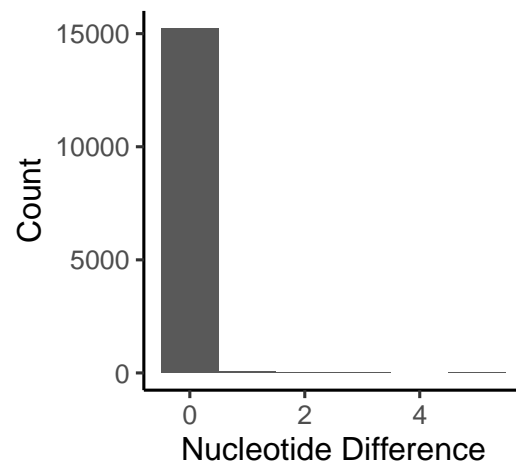
### TRBV4-1\*ap01

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



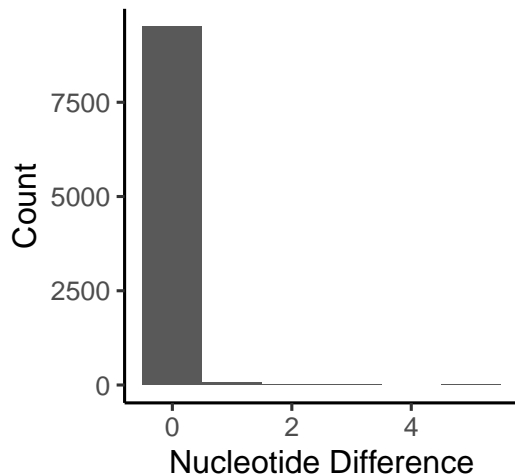
### TRBV5-1\*ap01

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



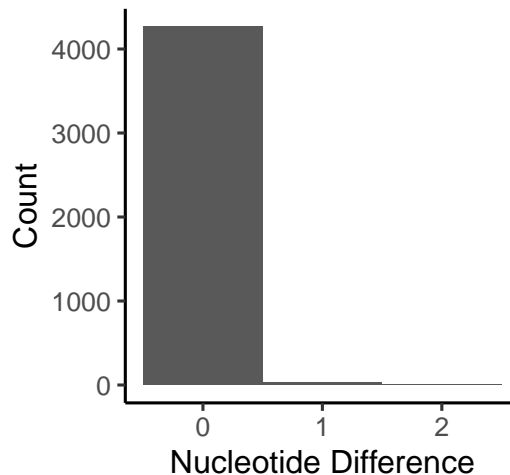
### TRBV3-12\*ap01

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



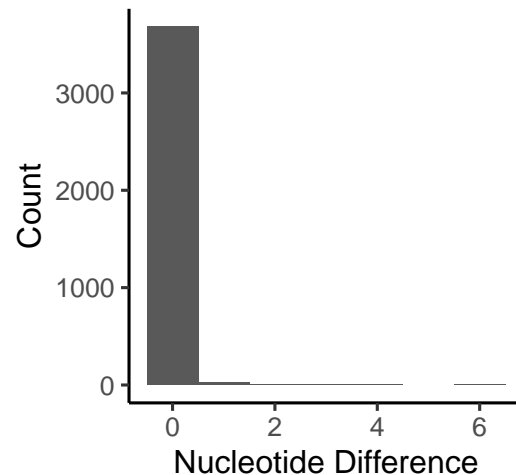
### TRBV4-2\*ap01

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



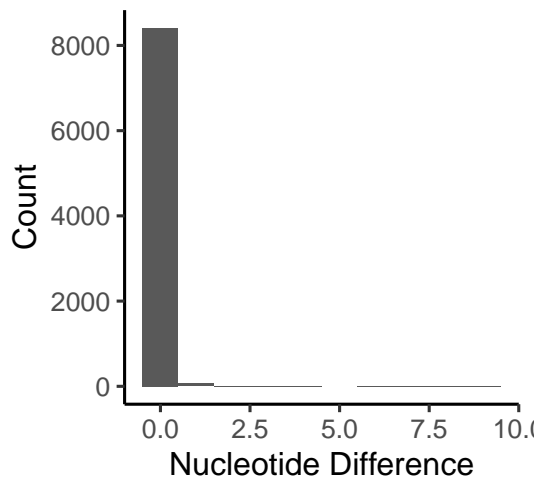
### TRBV25-1\*ap01

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



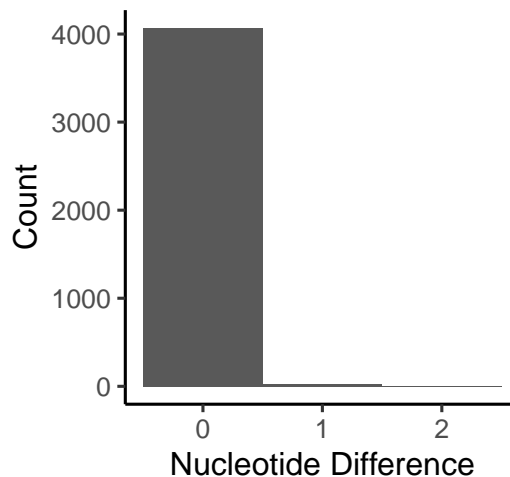
### TRBV24-1\*ap01

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



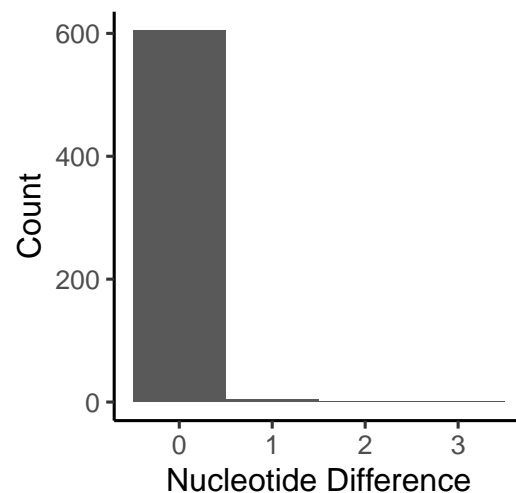
### TRBV4-3\*ap01

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



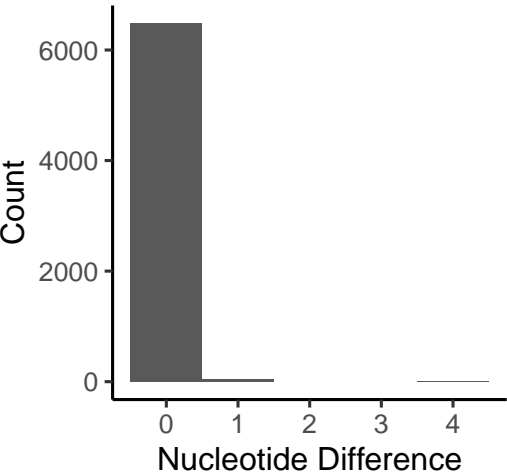
### TRBV5-3\*ap01

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



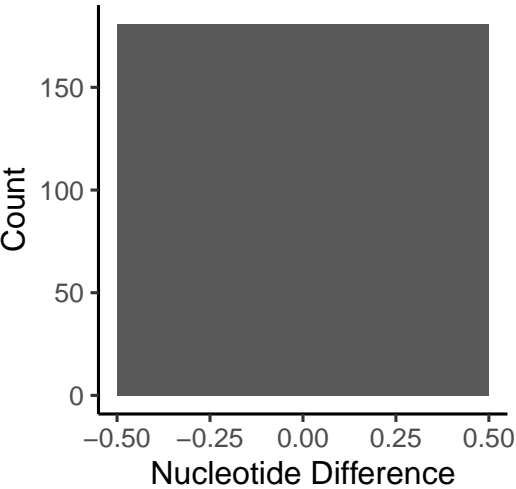
TRBV5-4\*ap01

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



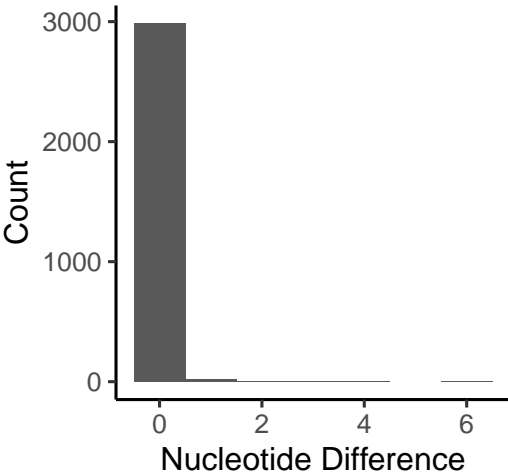
TRBV5-7\*ap01

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



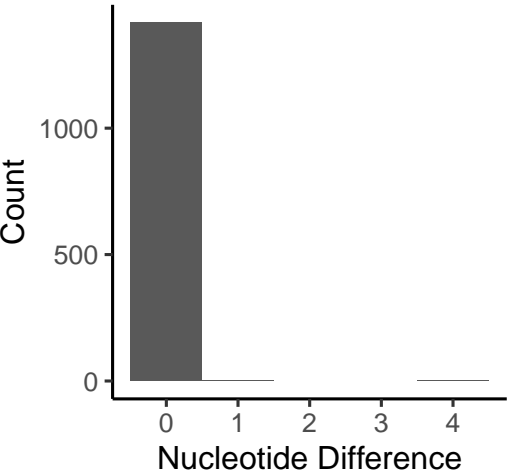
TRBV6-4\*ap01

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



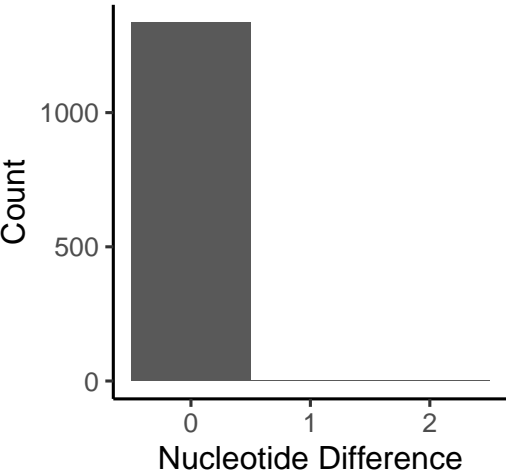
TRBV5-5\*ap01

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



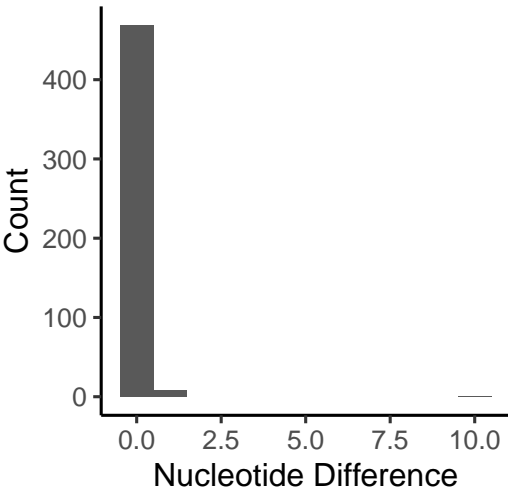
TRBV5-8\*ap01

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



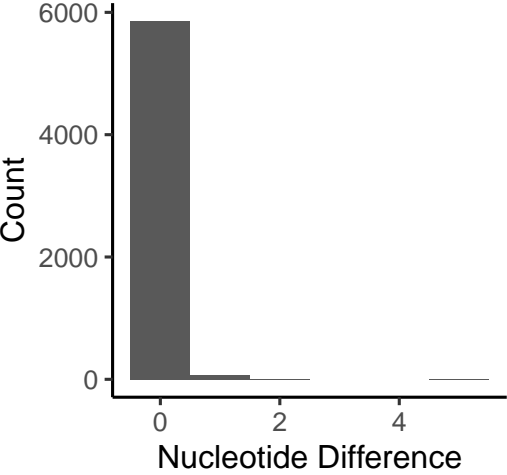
TRBV6-7\*ap01

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



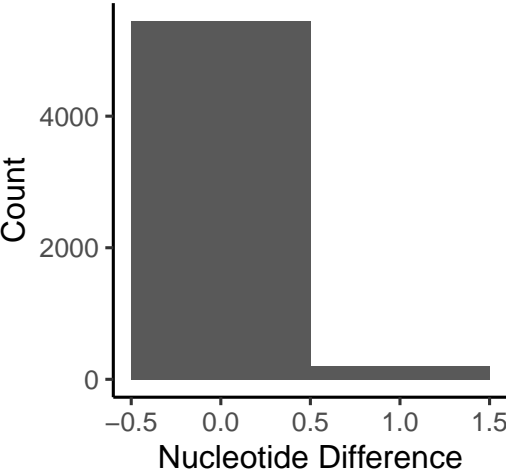
TRBV5-6\*ap01

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



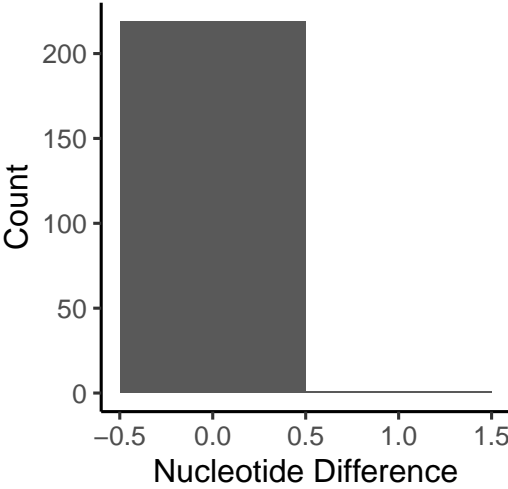
TRBV6-1\*ap01

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



TRBV6-8\*ap01

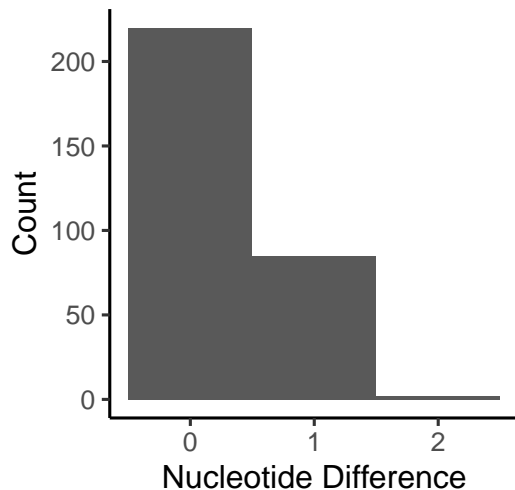
220 sequences assigned  
219 (99.5%) exact matches, in which:  
215 unique CDR3  
13 unique J





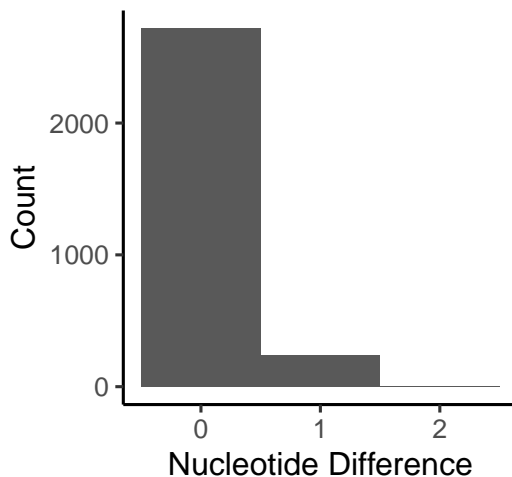
### TRBV6-9\*ap01

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



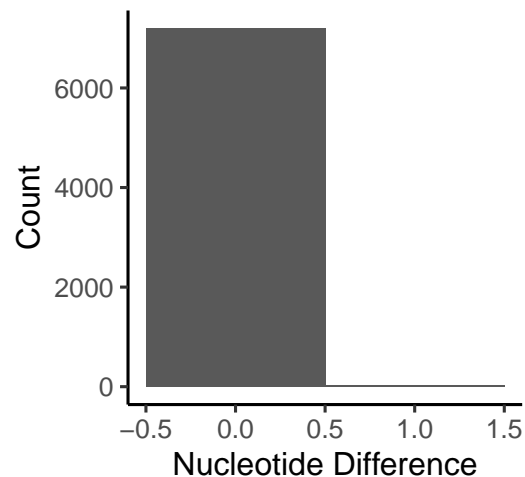
### TRBV6-56\*ap02

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



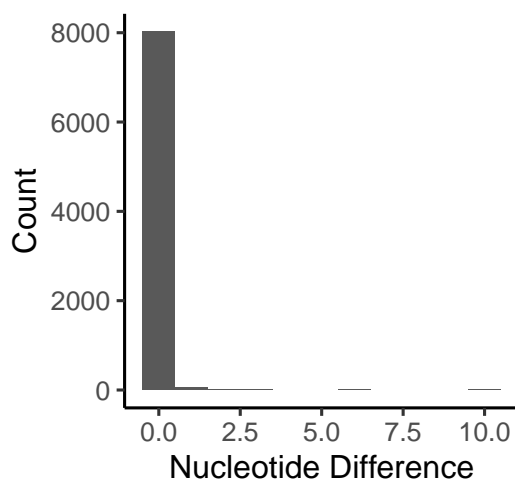
### TRBV7-2\*ap01

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



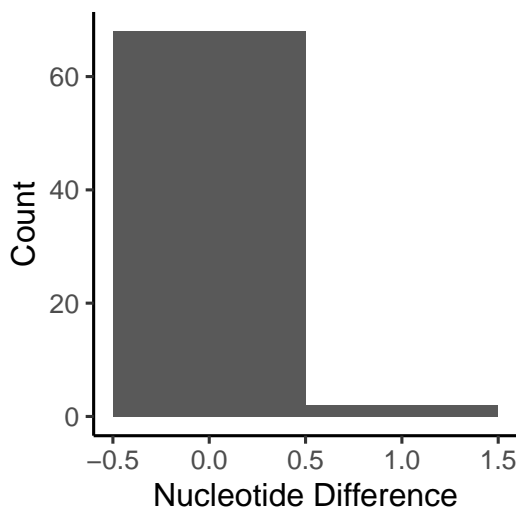
### TRBV6-23\*ap01

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



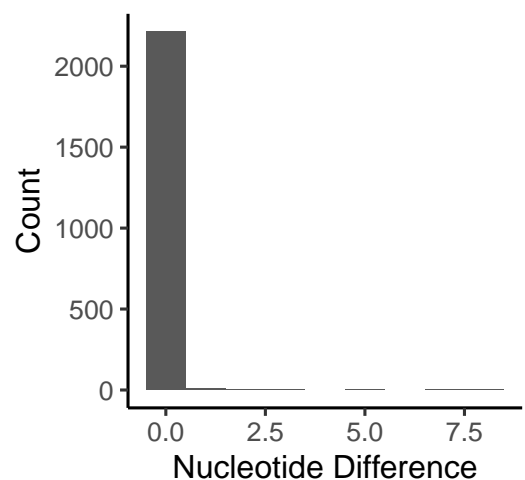
### TRBV7-1\*ap01\_G291C\_T

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



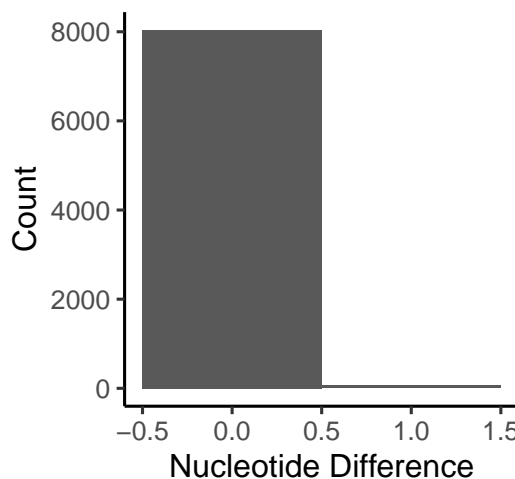
### TRBV7-3\*ap01

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



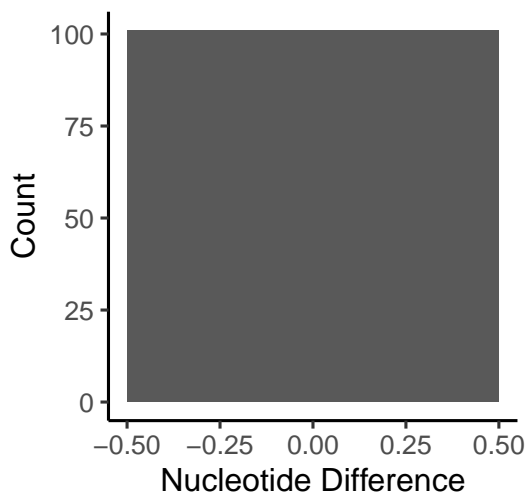
### TRBV6-56\*ap01

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



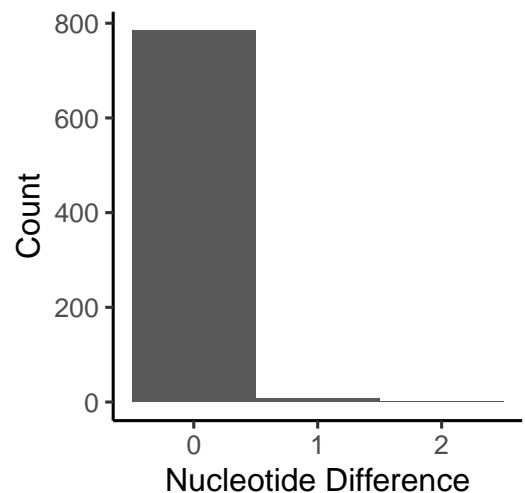
### TRBV7-1\*ap01\_G291C\_

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



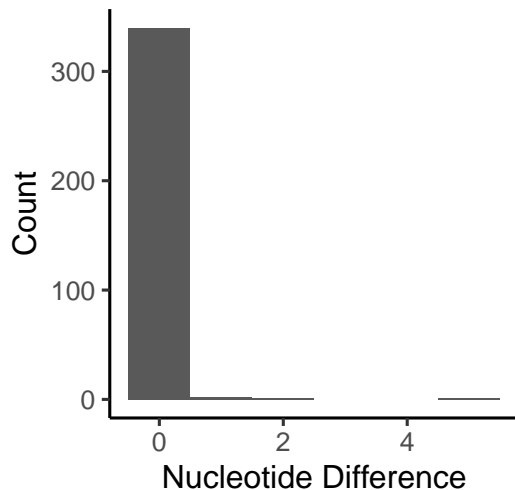
### TRBV7-3\*ap03

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



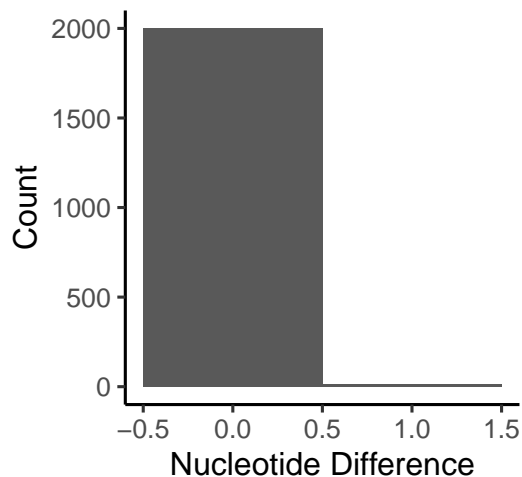
### TRBV7-4\*ap01

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



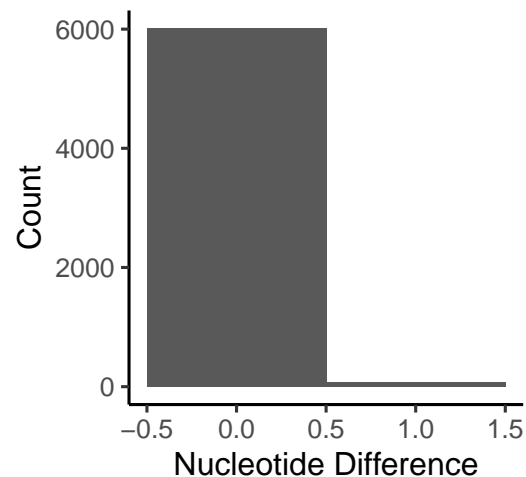
### TRBV7-8\*ap01

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



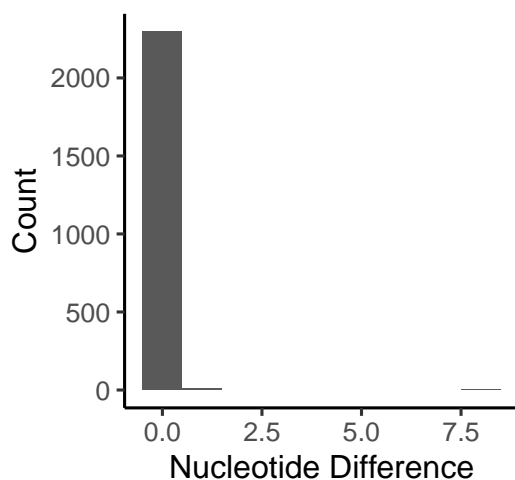
### TRBV29-1\*ap01

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



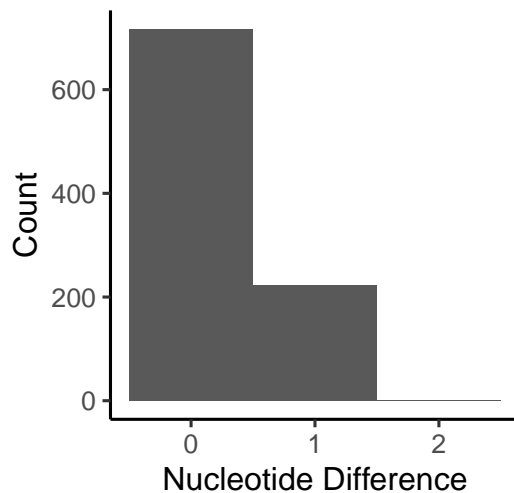
### TRBV7-6\*ap01

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



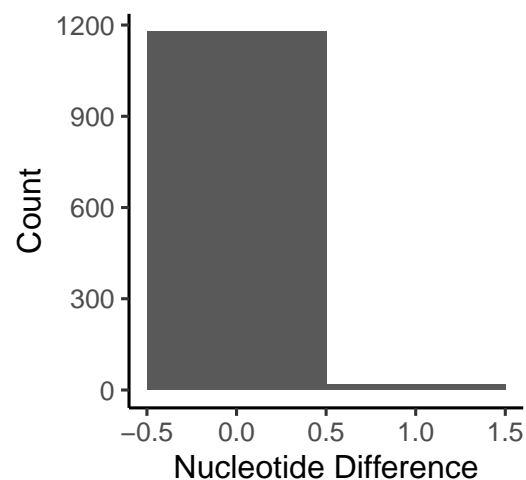
### TRBV7-8\*ap03

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



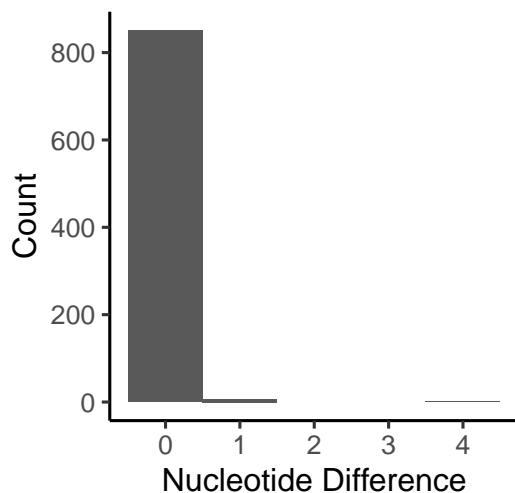
### TRBV29-1\*ap02

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



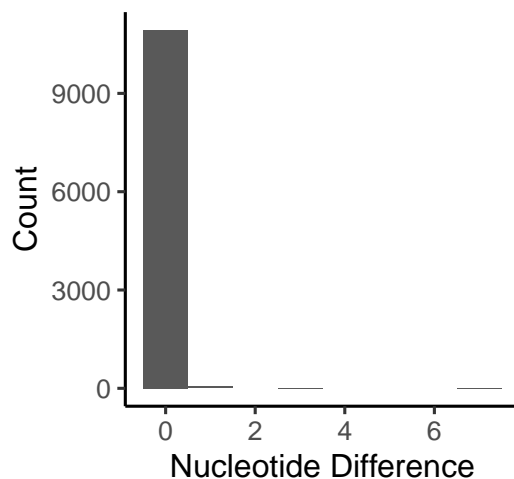
### TRBV7-7\*ap01

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

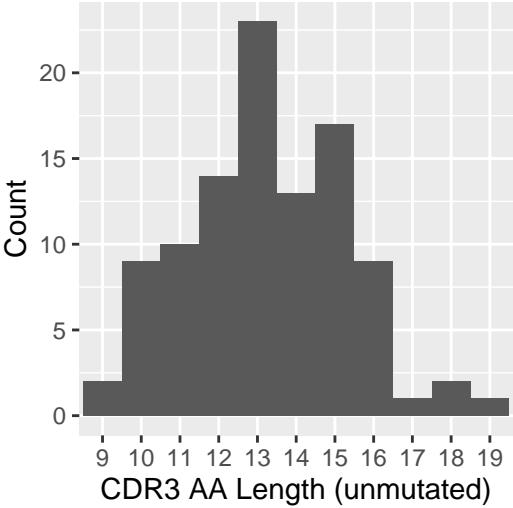


### TRBV7-9\*ap01

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

