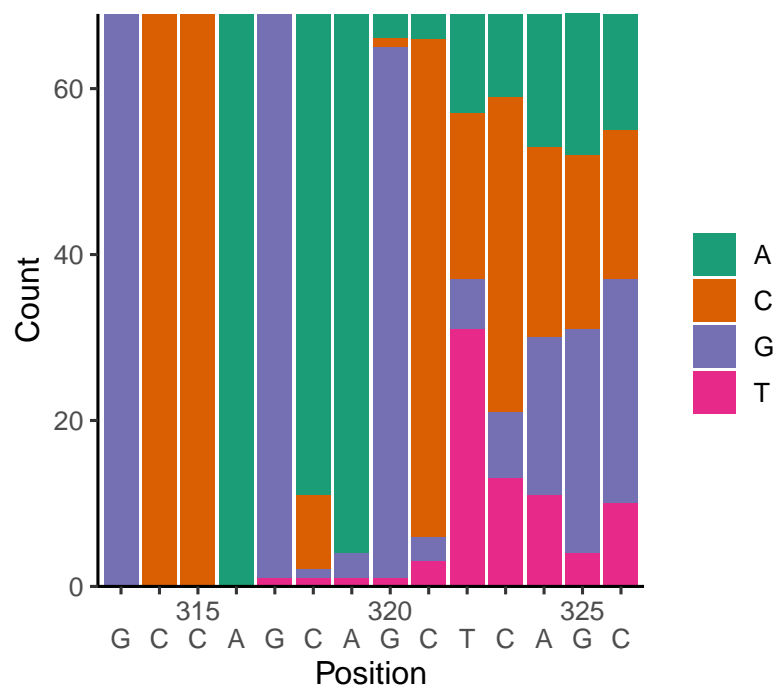
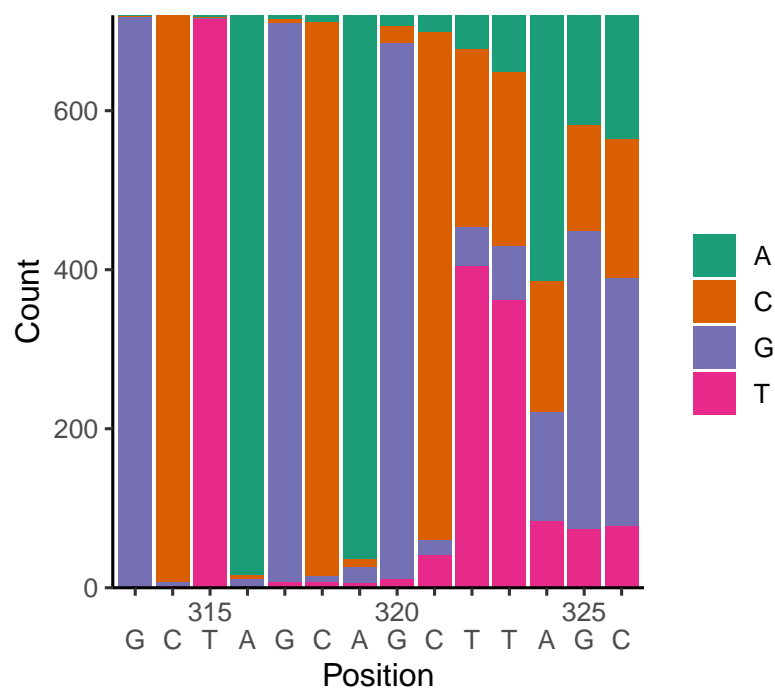


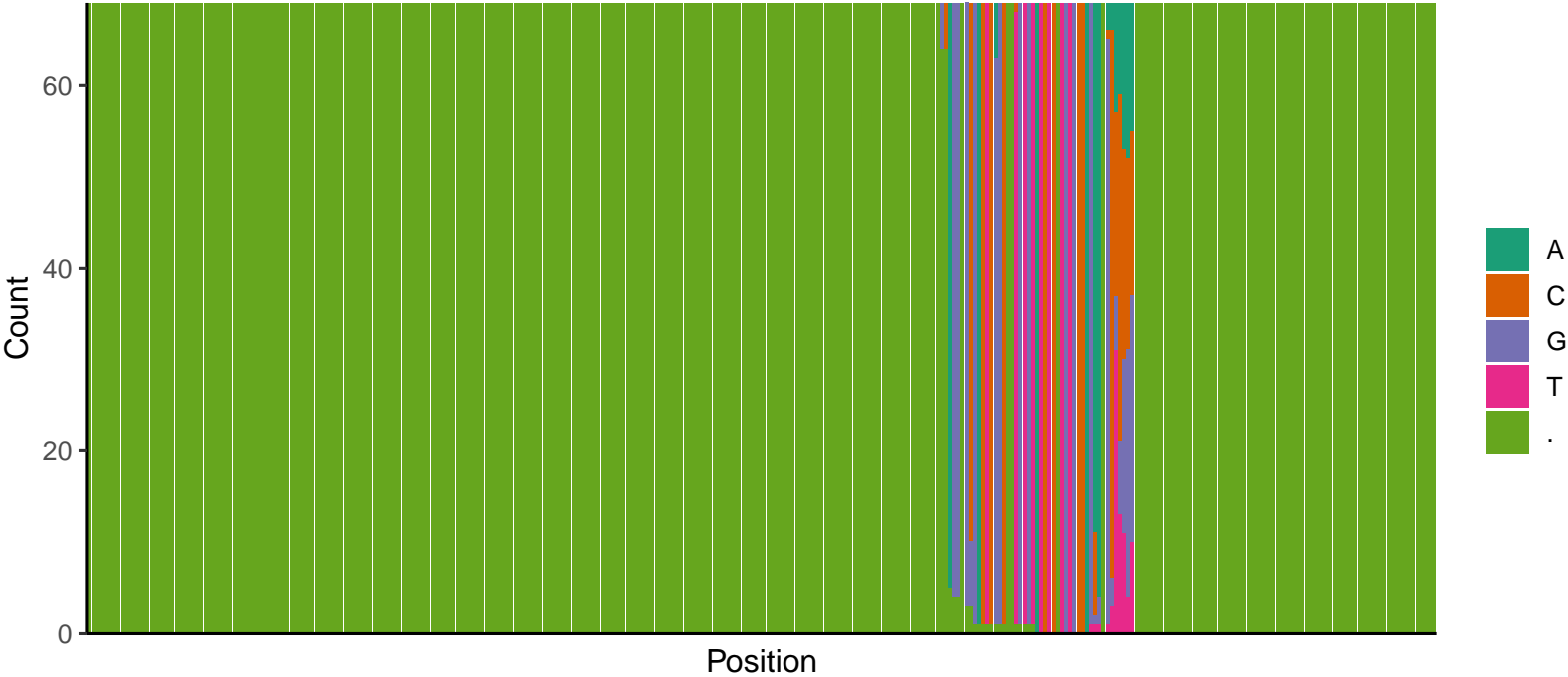
Gene TRBV7-1\*ap01\_T296C



Gene TRBV7-7\*ap01\_C315T



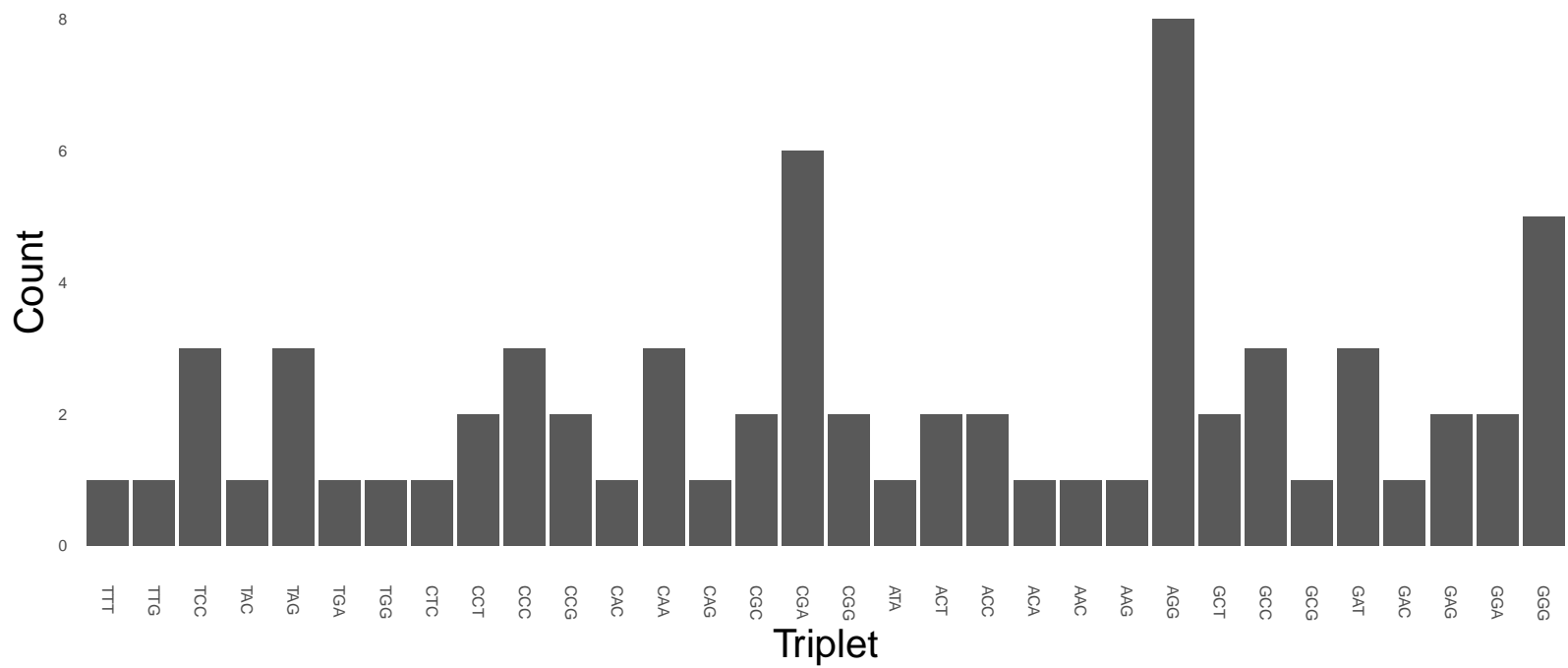
Gene TRBV7-1\*ap01\_T296C



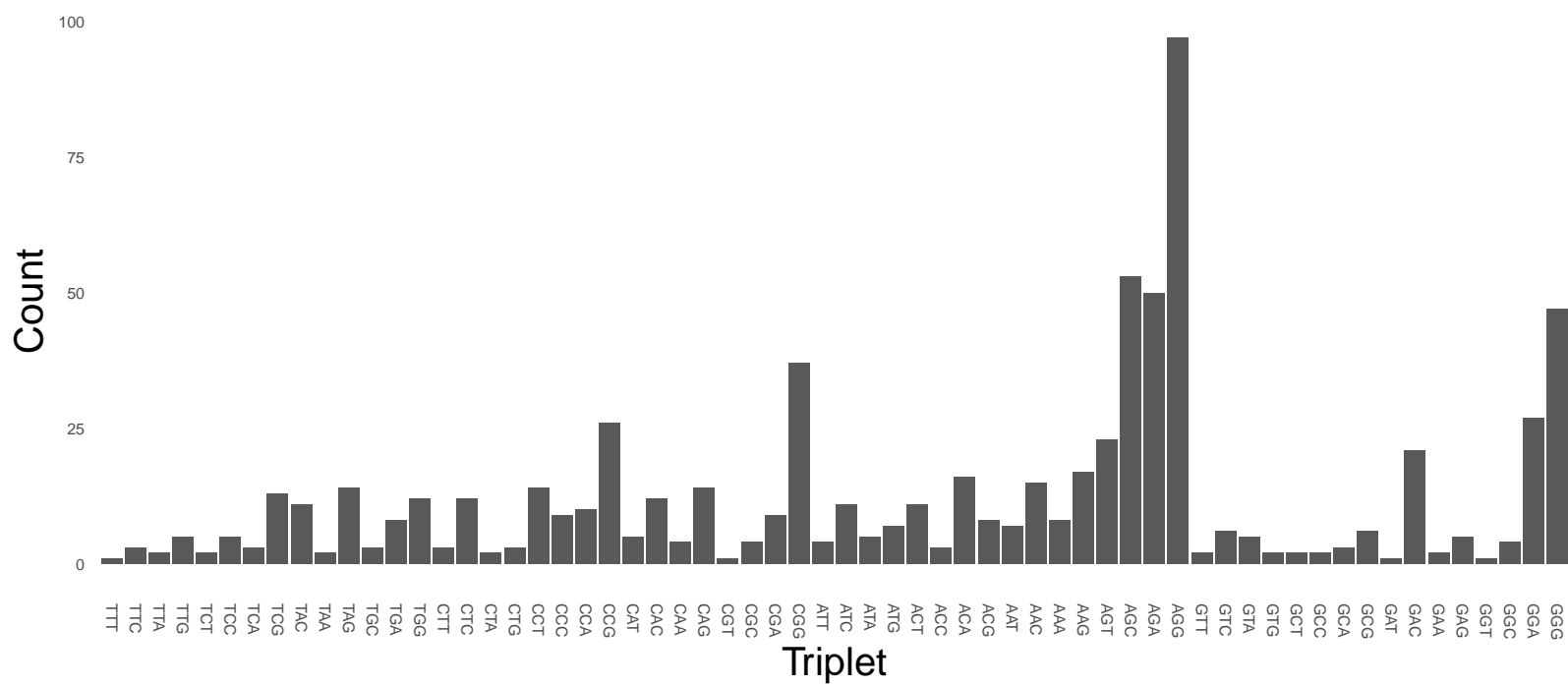
Gene TRBV7-7\*ap01\_C315T



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

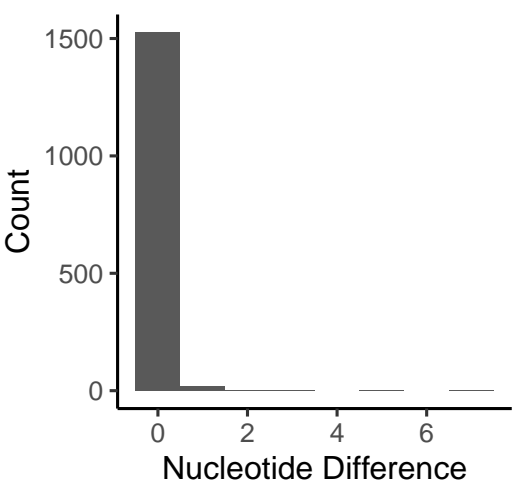


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



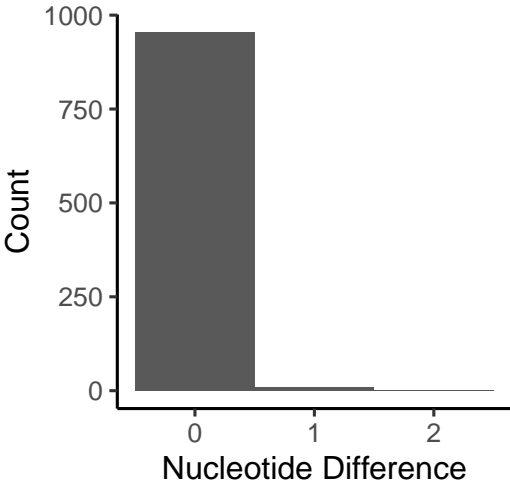
TRBV10-1\*ap01

1551 sequences assigned  
1526 (98.4%) exact matches, in which:  
1499 unique CDR3  
13 unique J



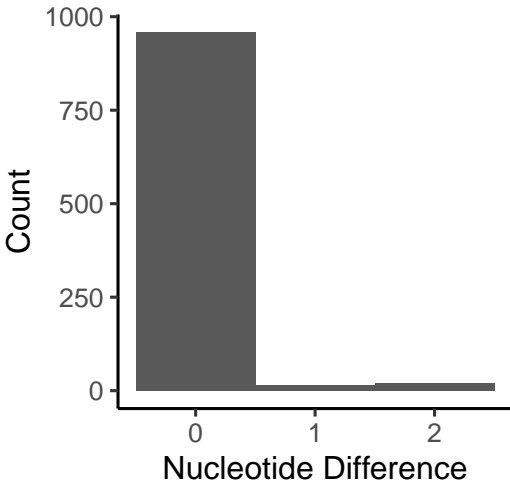
TRBV10-2\*ap01

964 sequences assigned  
954 (99%) exact matches, in which:  
940 unique CDR3  
13 unique J



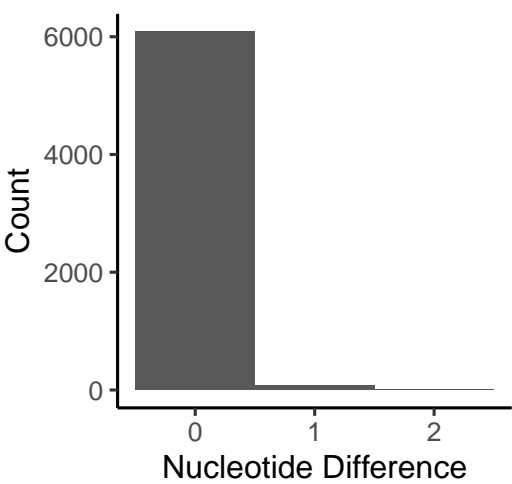
TRBV13\*ap01

992 sequences assigned  
958 (96.6%) exact matches, in which:  
936 unique CDR3  
13 unique J



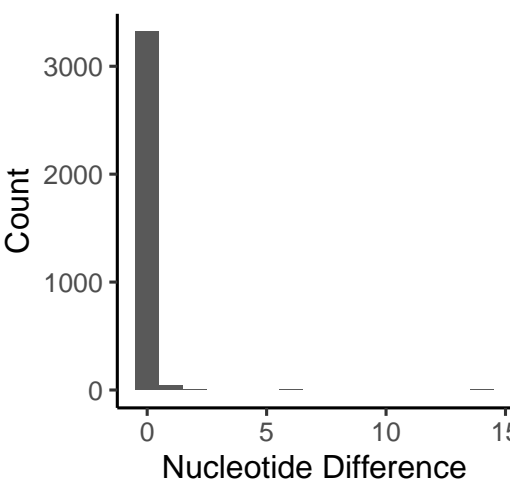
TRBV20-1\*ap01

6159 sequences assigned  
6085 (98.8%) exact matches, in which:  
6013 unique CDR3  
13 unique J



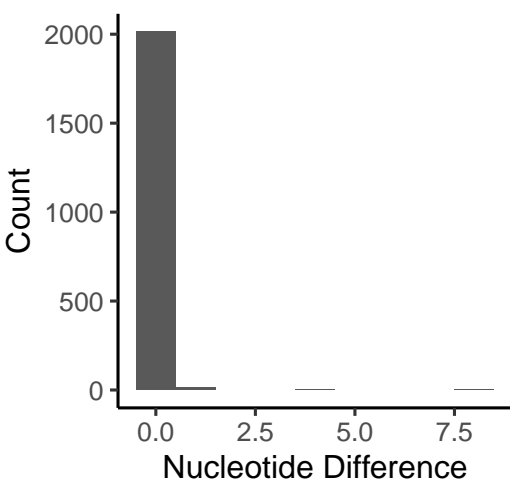
TRBV10-3\*ap01

3364 sequences assigned  
3320 (98.7%) exact matches, in which:  
3271 unique CDR3  
13 unique J



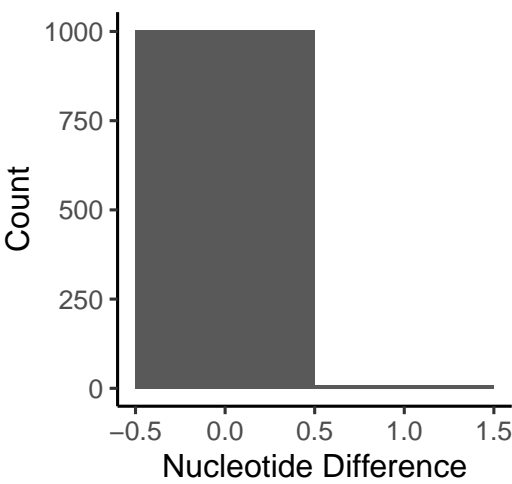
TRBV14\*ap01

2031 sequences assigned  
2014 (99.2%) exact matches, in which:  
1987 unique CDR3  
13 unique J



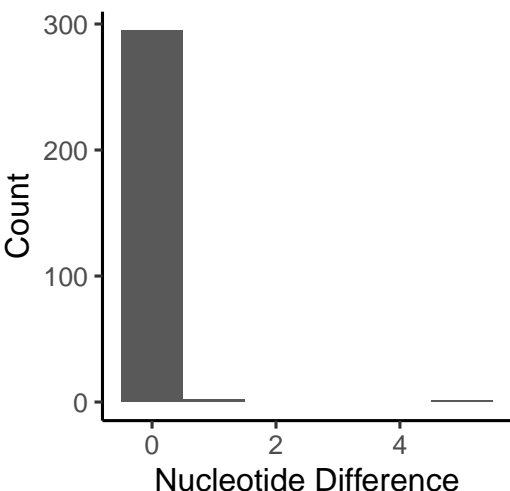
TRBV20-1\*ap02

1013 sequences assigned  
1004 (99.1%) exact matches, in which:  
987 unique CDR3  
13 unique J



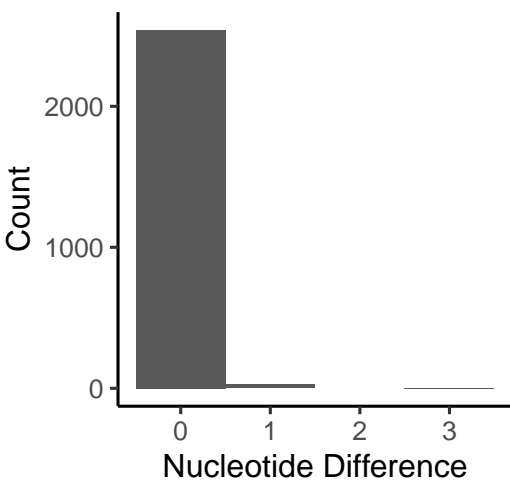
TRBV1\*ap01

298 sequences assigned  
295 (99%) exact matches, in which:  
286 unique CDR3  
13 unique J



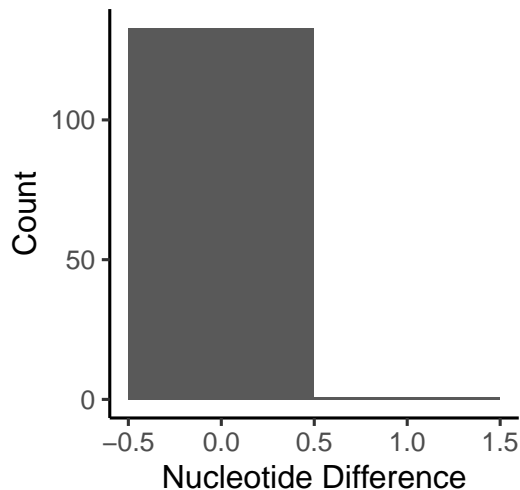
TRBV15\*ap02

2569 sequences assigned  
2541 (98.9%) exact matches, in which:  
2507 unique CDR3  
13 unique J



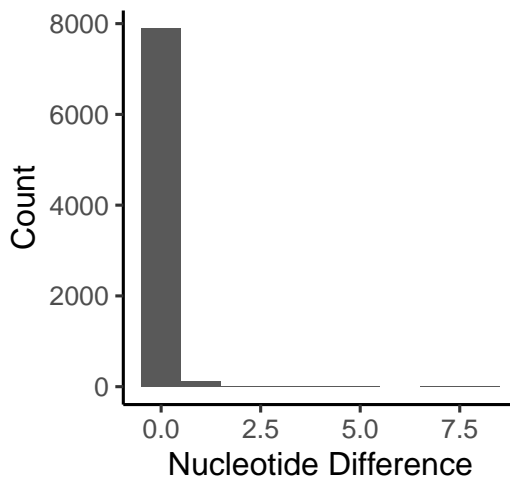
### TRBV16\*ap01

134 sequences assigned  
133 (99.3%) exact matches, in which:  
133 unique CDR3  
13 unique J



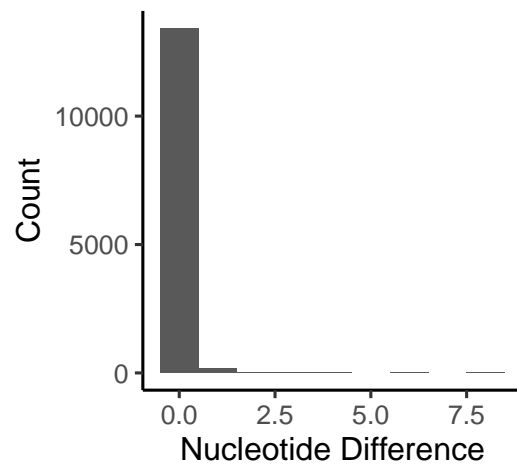
### TRBV19\*ap01

8025 sequences assigned  
7895 (98.4%) exact matches, in which:  
7844 unique CDR3  
13 unique J



### TRBV28\*ap01

13596 sequences assigned  
13425 (98.7%) exact matches, in which:  
13265 unique CDR3  
13 unique J



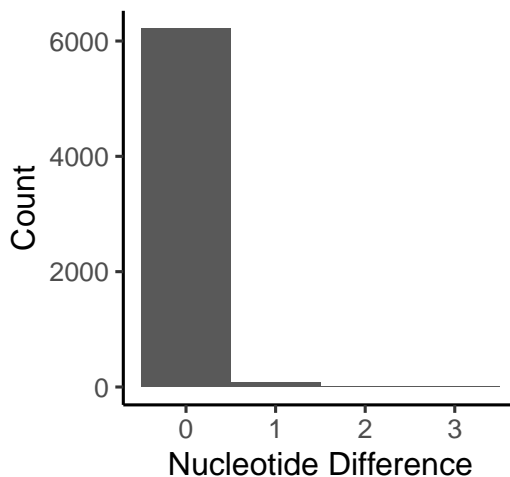
### TRBV17\*ap01

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



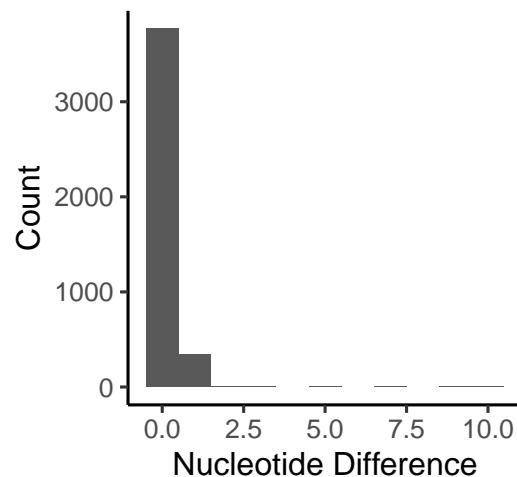
### TRBV2\*ap01

6297 sequences assigned  
6213 (98.7%) exact matches, in which:  
6115 unique CDR3  
13 unique J



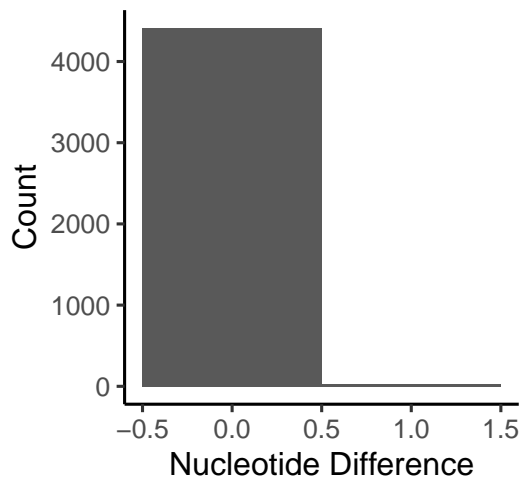
### TRBV30\*ap01

4122 sequences assigned  
3768 (91.4%) exact matches, in which:  
3686 unique CDR3  
13 unique J



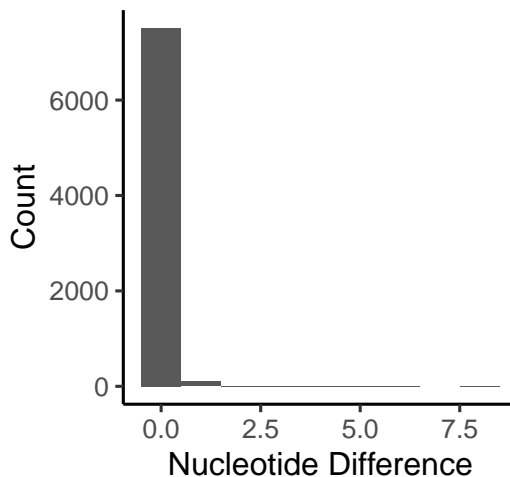
### TRBV18\*ap01

4439 sequences assigned  
4412 (99.4%) exact matches, in which:  
4383 unique CDR3  
13 unique J



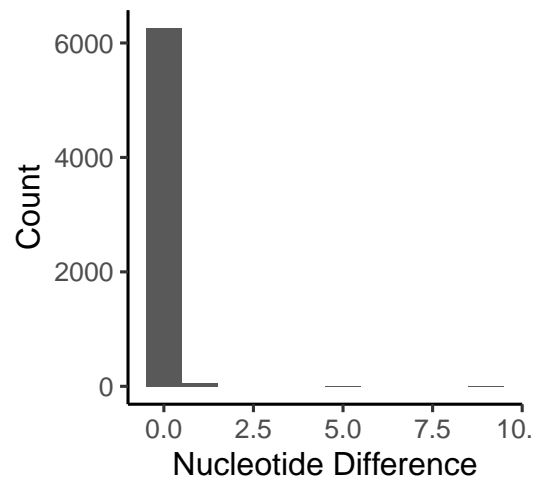
### TRBV27\*ap01

7618 sequences assigned  
7510 (98.6%) exact matches, in which:  
7407 unique CDR3  
13 unique J



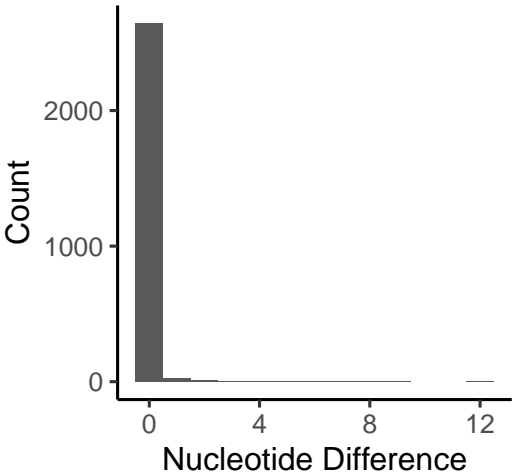
### TRBV9\*ap01

6321 sequences assigned  
6261 (99.1%) exact matches, in which:  
6203 unique CDR3  
13 unique J



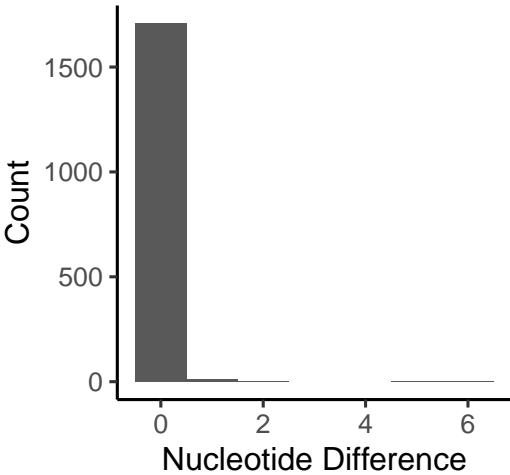
TRBV21-1\*ap01

2690 sequences assigned  
2643 (98.3%) exact matches, in which:  
2625 unique CDR3  
13 unique J



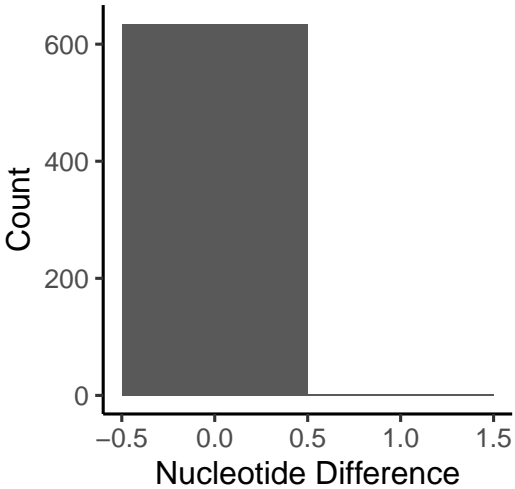
TRBV11-3\*ap01

1725 sequences assigned  
1708 (99%) exact matches, in which:  
1694 unique CDR3  
13 unique J



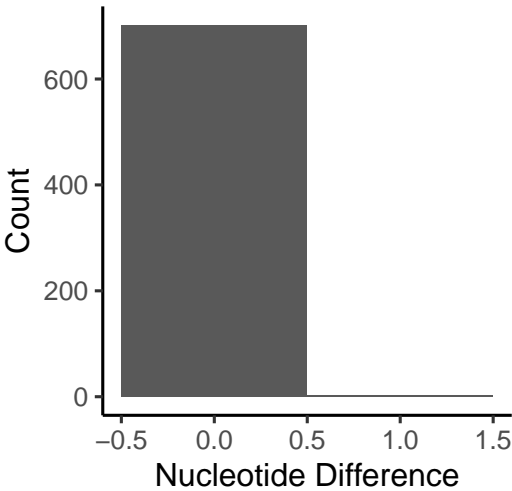
TRBV12-5\*ap01

637 sequences assigned  
635 (99.7%) exact matches, in which:  
623 unique CDR3  
13 unique J



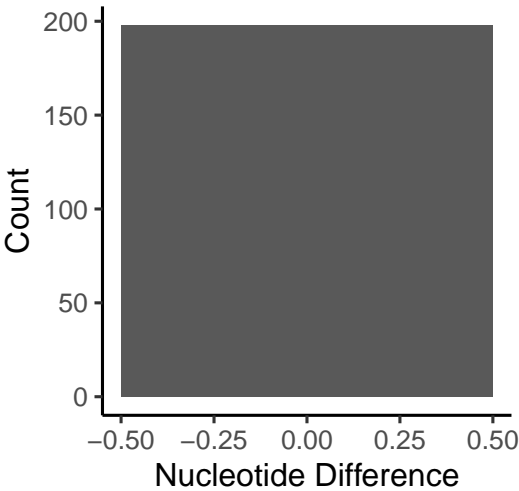
TRBV11-1\*ap01

704 sequences assigned  
702 (99.7%) exact matches, in which:  
693 unique CDR3  
13 unique J



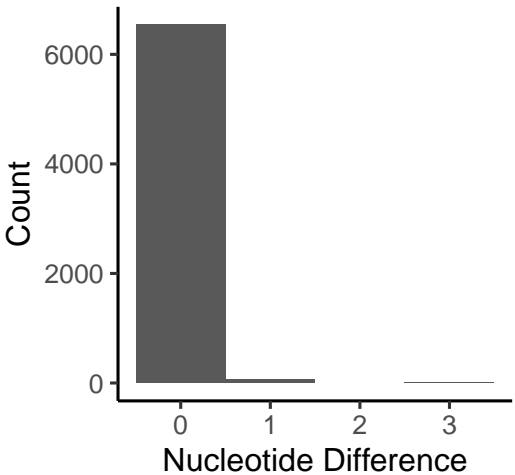
TRBV12-1\*ap01

198 sequences assigned  
198 (100%) exact matches, in which:  
196 unique CDR3  
13 unique J



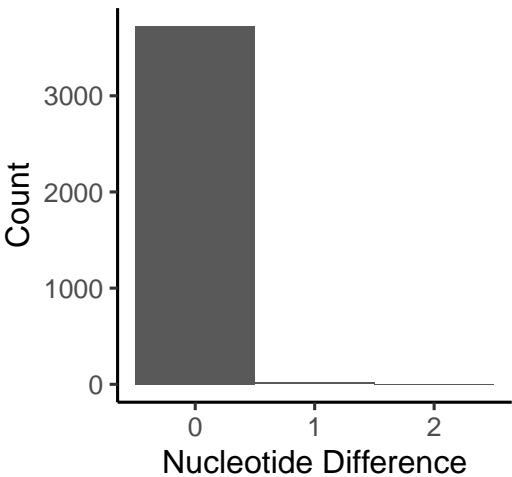
TRBV12-34\*ap01

6608 sequences assigned  
6541 (99%) exact matches, in which:  
6420 unique CDR3  
13 unique J



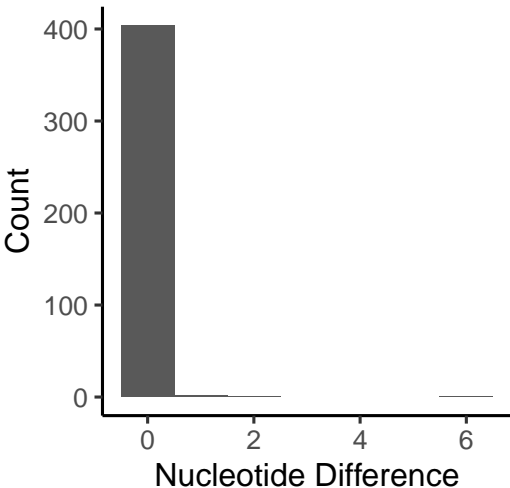
TRBV11-2\*ap01

3746 sequences assigned  
3725 (99.4%) exact matches, in which:  
3688 unique CDR3  
13 unique J



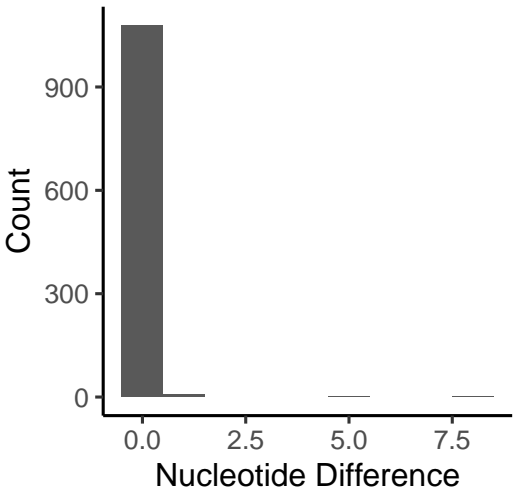
TRBV12-2\*ap01

408 sequences assigned  
404 (99%) exact matches, in which:  
396 unique CDR3  
13 unique J



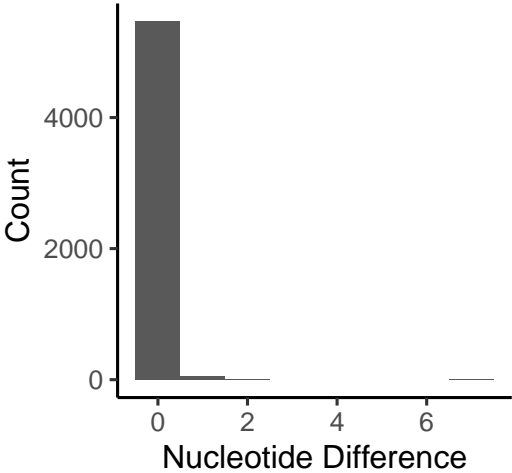
TRBV23-1\*ap01

1087 sequences assigned  
1079 (99.3%) exact matches, in which:  
1063 unique CDR3  
13 unique J



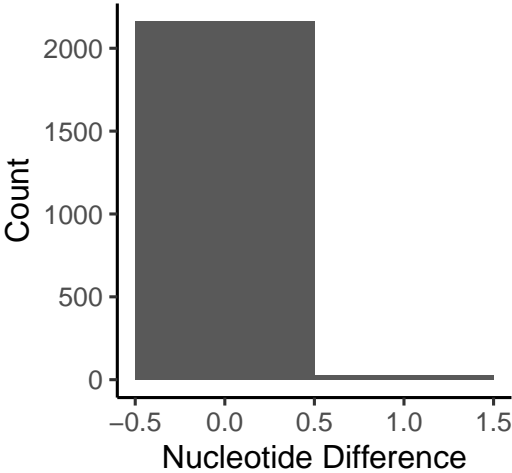
TRBV3-12\*ap01

5527 sequences assigned  
5467 (98.9%) exact matches, in which:  
5418 unique CDR3  
13 unique J



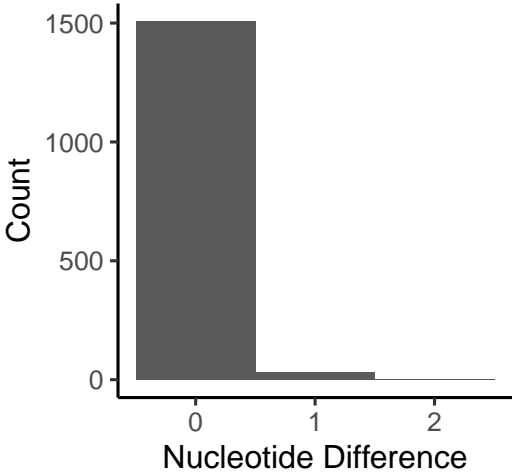
TRBV4-2\*ap01

2191 sequences assigned  
2162 (98.7%) exact matches, in which:  
2134 unique CDR3  
13 unique J



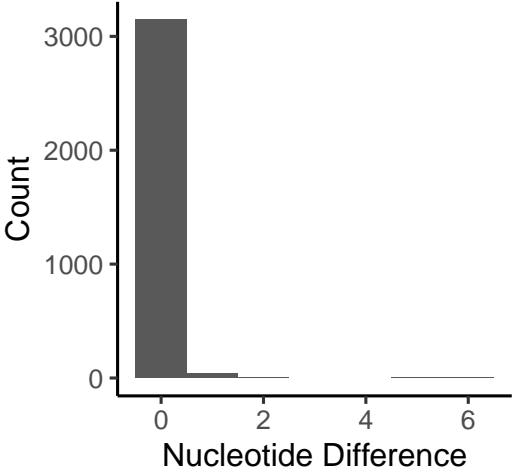
TRBV25-1\*ap01

1543 sequences assigned  
1507 (97.7%) exact matches, in which:  
1475 unique CDR3  
13 unique J



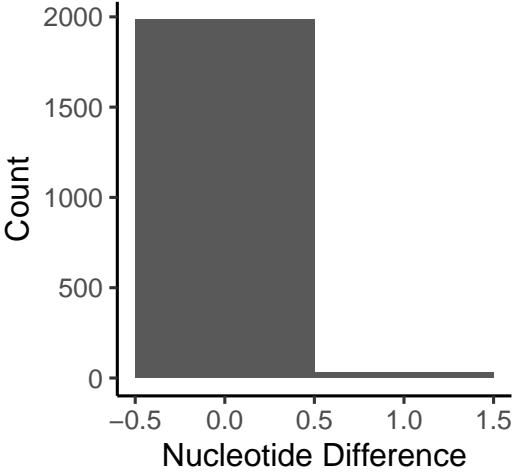
TRBV4-1\*ap01

3186 sequences assigned  
3146 (98.7%) exact matches, in which:  
3079 unique CDR3  
13 unique J



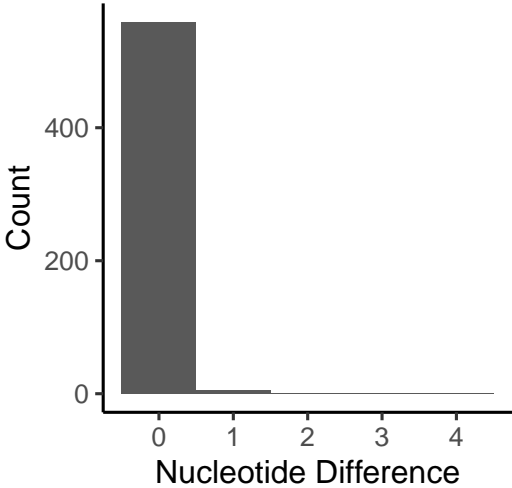
TRBV4-3\*ap01

2013 sequences assigned  
1984 (98.6%) exact matches, in which:  
1948 unique CDR3  
13 unique J



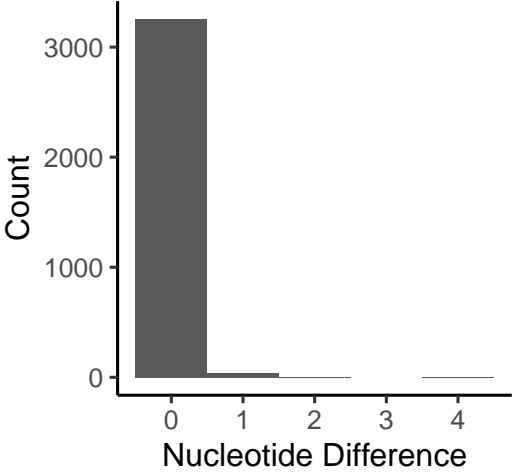
TRBV5-3\*ap01

568 sequences assigned  
559 (98.4%) exact matches, in which:  
552 unique CDR3  
13 unique J



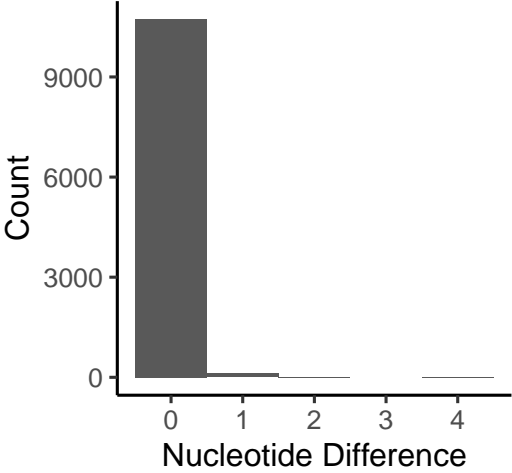
TRBV24-1\*ap01

3299 sequences assigned  
3255 (98.7%) exact matches, in which:  
3196 unique CDR3  
13 unique J



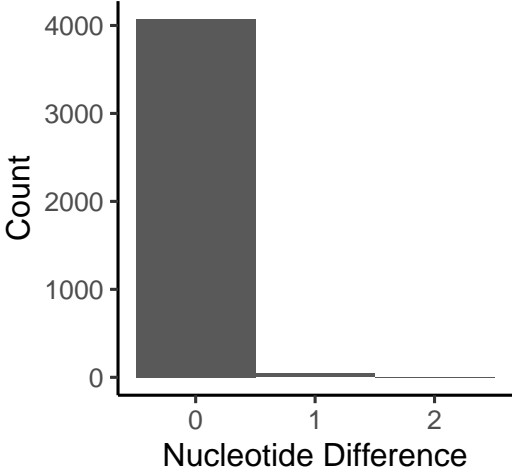
TRBV5-1\*ap01

10852 sequences assigned  
10735 (98.9%) exact matches, in which:  
10534 unique CDR3  
13 unique J



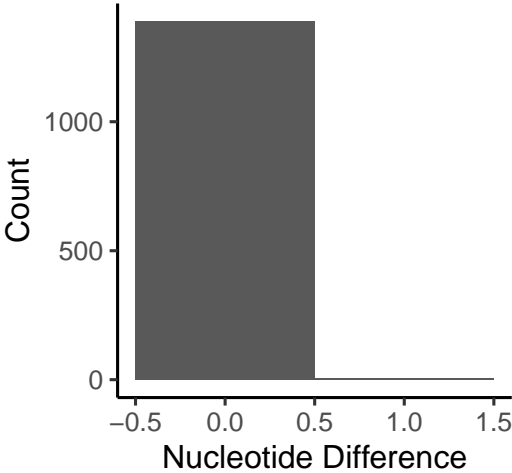
TRBV5-4\*ap01

4117 sequences assigned  
4073 (98.9%) exact matches, in which:  
3996 unique CDR3  
13 unique J



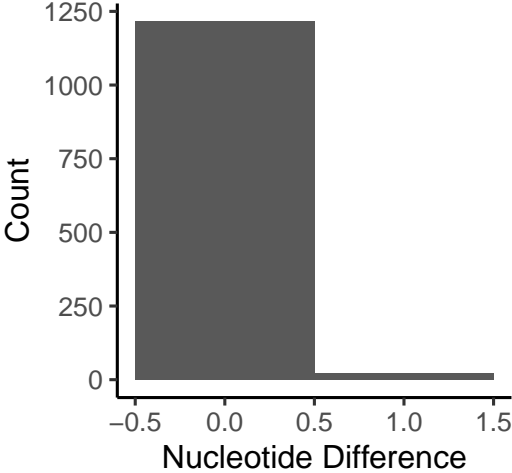
TRBV5-5\*ap01

1394 sequences assigned  
1389 (99.6%) exact matches, in which:  
1384 unique CDR3  
13 unique J



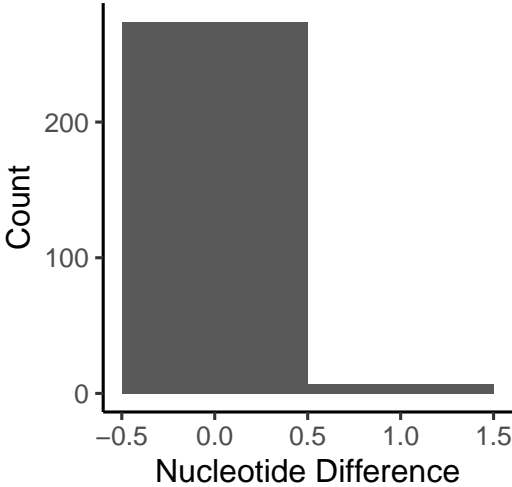
TRBV5-8\*ap01

1237 sequences assigned  
1216 (98.3%) exact matches, in which:  
1202 unique CDR3  
13 unique J



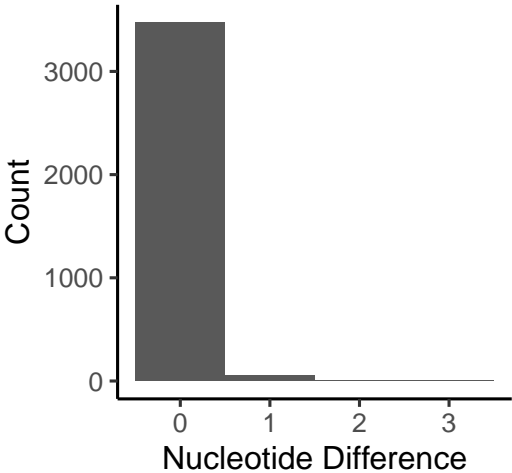
TRBV6-7\*ap01

281 sequences assigned  
274 (97.5%) exact matches, in which:  
271 unique CDR3  
13 unique J



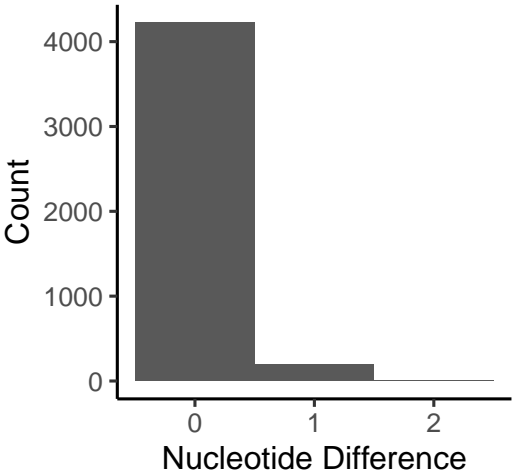
TRBV5-6\*ap01

3537 sequences assigned  
3472 (98.2%) exact matches, in which:  
3391 unique CDR3  
13 unique J



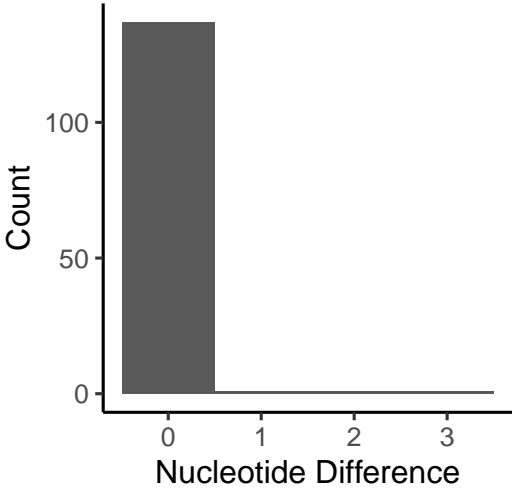
TRBV6-1\*ap01

4414 sequences assigned  
4223 (95.7%) exact matches, in which:  
4121 unique CDR3  
13 unique J



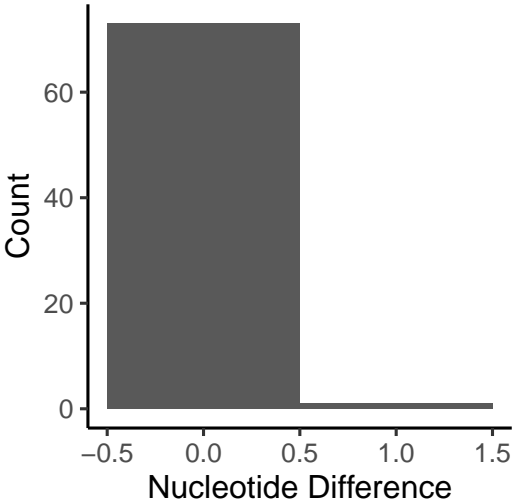
TRBV6-8\*ap01

140 sequences assigned  
137 (97.9%) exact matches, in which:  
134 unique CDR3  
13 unique J



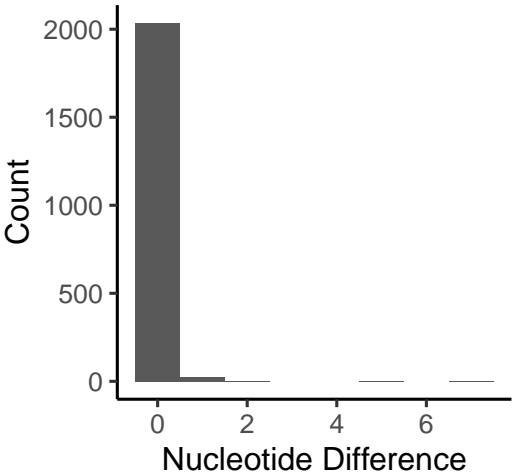
TRBV5-7\*ap01

74 sequences assigned  
73 (98.6%) exact matches, in which:  
72 unique CDR3  
13 unique J



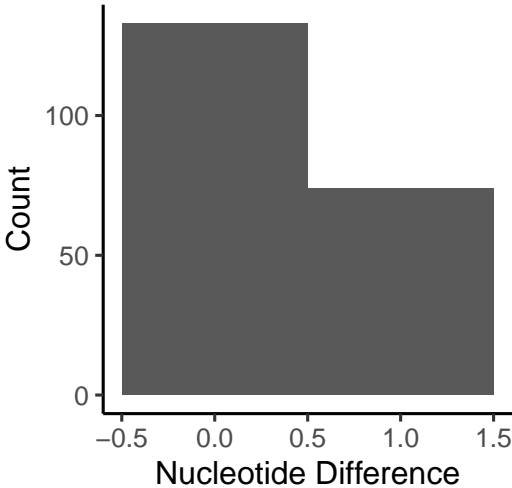
TRBV6-4\*ap01

2066 sequences assigned  
2035 (98.5%) exact matches, in which:  
1994 unique CDR3  
13 unique J



TRBV6-9\*ap01

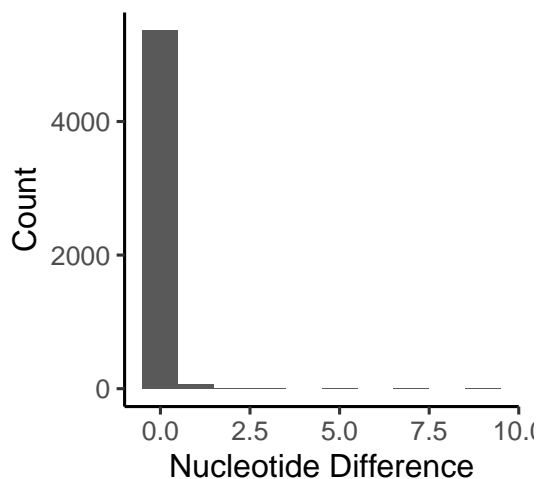
207 sequences assigned  
133 (64.3%) exact matches, in which:  
131 unique CDR3  
12 unique J





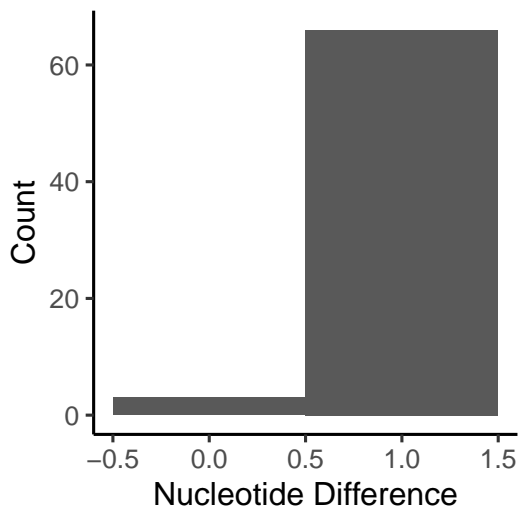
### TRBV6-23\*ap01

5445 sequences assigned  
5364 (98.5%) exact matches, in which:  
5213 unique CDR3  
13 unique J



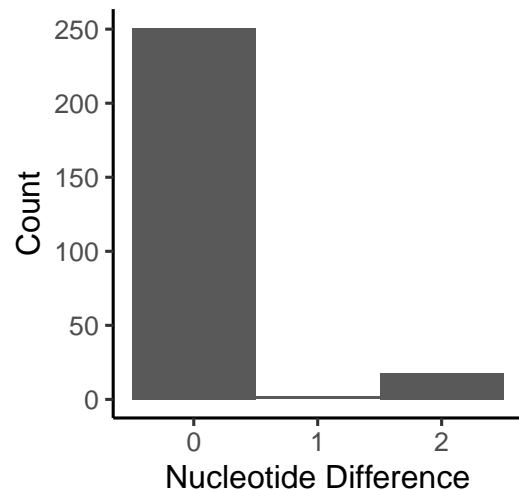
### TRBV7-1\*ap01\_T296C

69 sequences assigned  
3 (4.3%) exact matches, in which:  
3 unique CDR3  
3 unique J



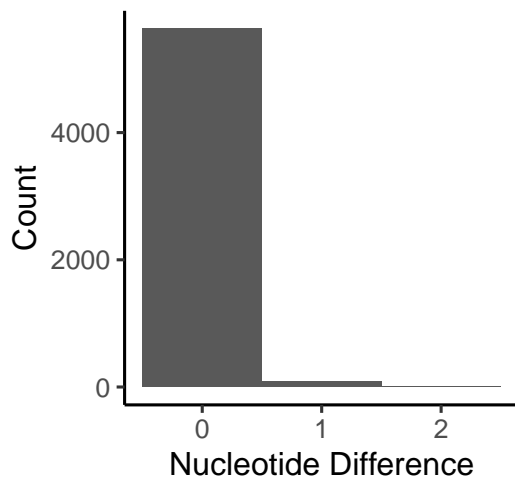
### TRBV7-4\*ap01

271 sequences assigned  
251 (92.6%) exact matches, in which:  
248 unique CDR3  
13 unique J



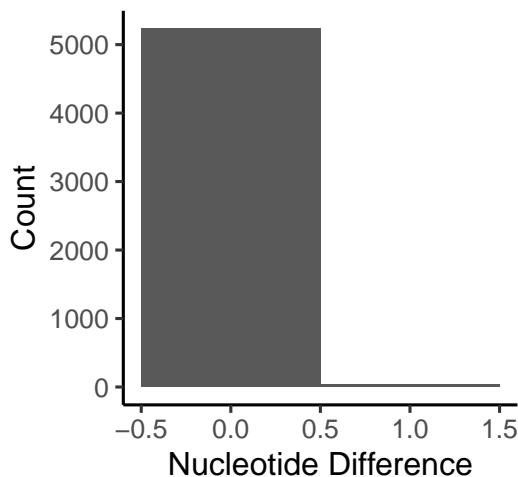
### TRBV6-56\*ap01

5717 sequences assigned  
5633 (98.5%) exact matches, in which:  
5471 unique CDR3  
13 unique J



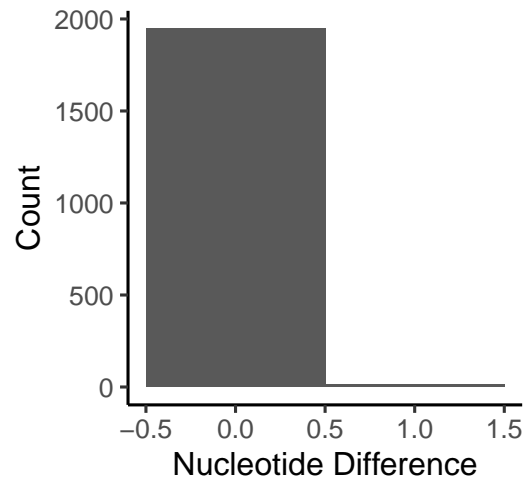
### TRBV7-2\*ap01

5275 sequences assigned  
5232 (99.2%) exact matches, in which:  
5162 unique CDR3  
13 unique J



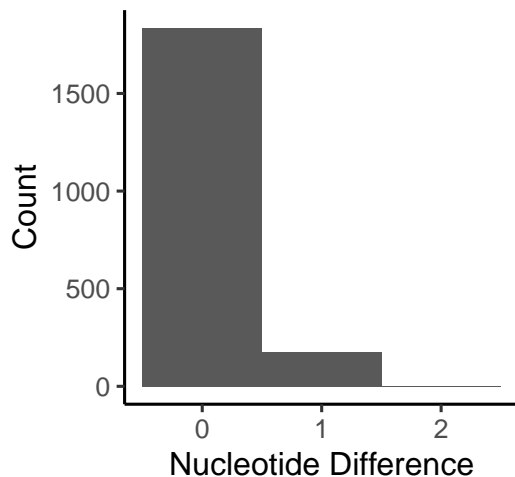
### TRBV7-6\*ap01

1962 sequences assigned  
1947 (99.2%) exact matches, in which:  
1922 unique CDR3  
13 unique J



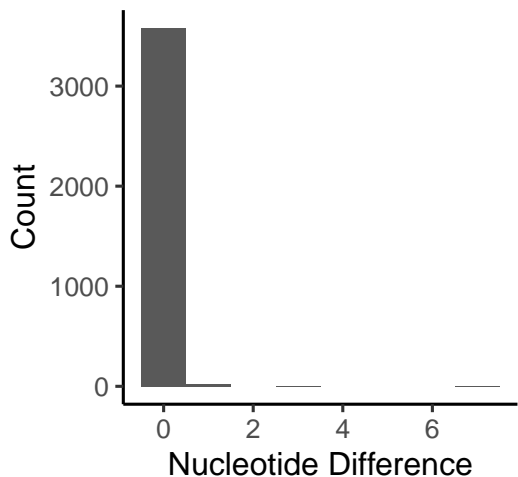
### TRBV6-56\*ap02

2011 sequences assigned  
1835 (91.2%) exact matches, in which:  
1795 unique CDR3  
13 unique J



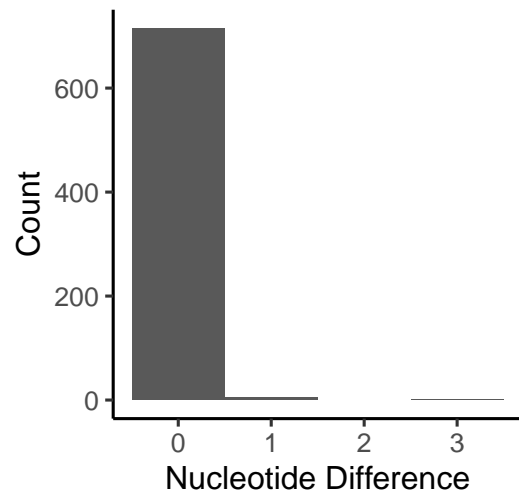
### TRBV7-3\*ap01

3603 sequences assigned  
3580 (99.4%) exact matches, in which:  
3542 unique CDR3  
13 unique J



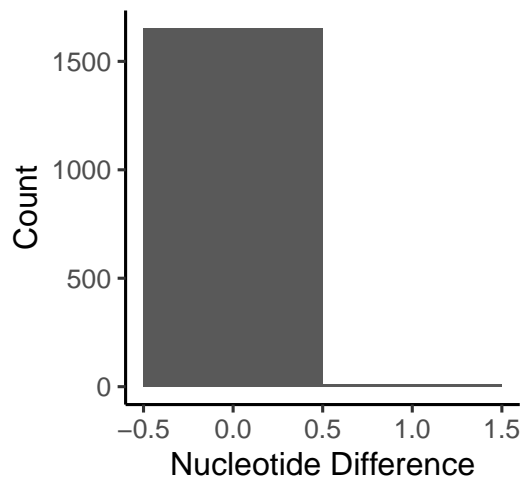
### TRBV7-7\*ap01\_C315T

720 sequences assigned  
715 (99.3%) exact matches, in which:  
700 unique CDR3  
13 unique J



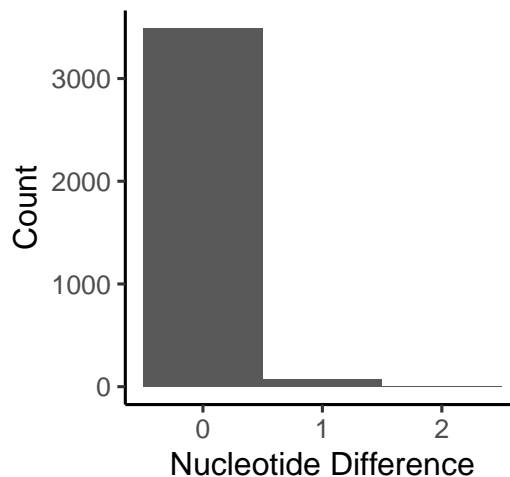
### TRBV7-8\*ap01

1664 sequences assigned  
1652 (99.3%) exact matches, in which:  
1630 unique CDR3  
13 unique J



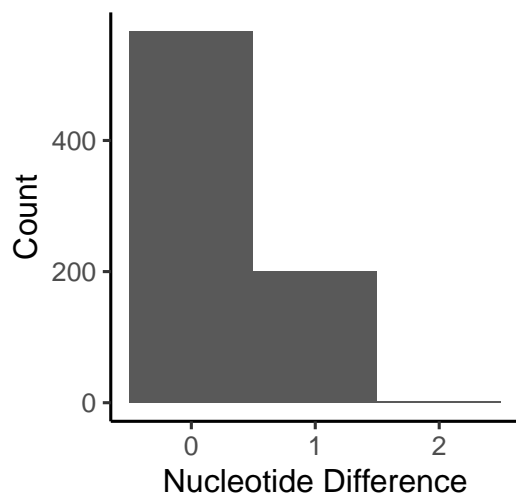
### TRBV29-1\*ap01

3561 sequences assigned  
3488 (98%) exact matches, in which:  
3401 unique CDR3  
13 unique J



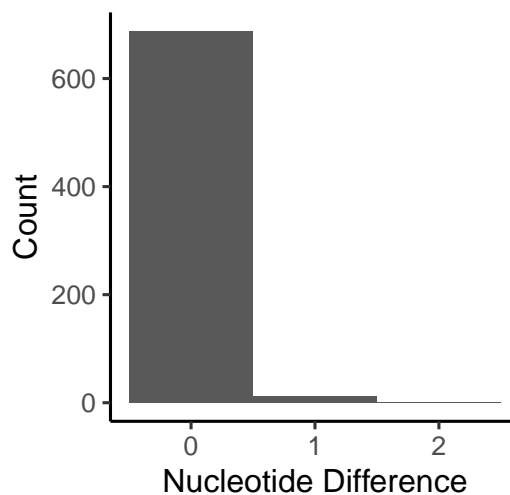
### TRBV7-8\*ap03

771 sequences assigned  
567 (73.5%) exact matches, in which:  
559 unique CDR3  
13 unique J



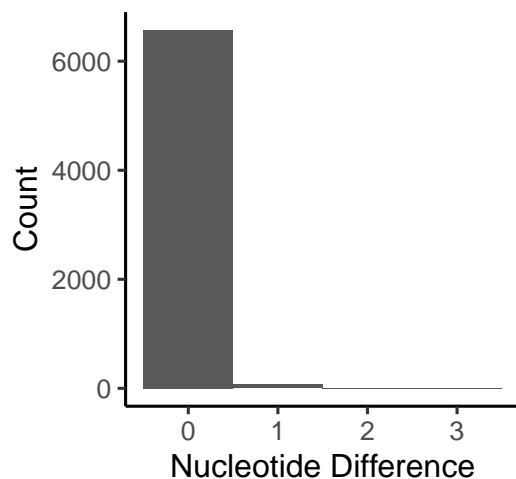
### TRBV29-1\*ap02

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

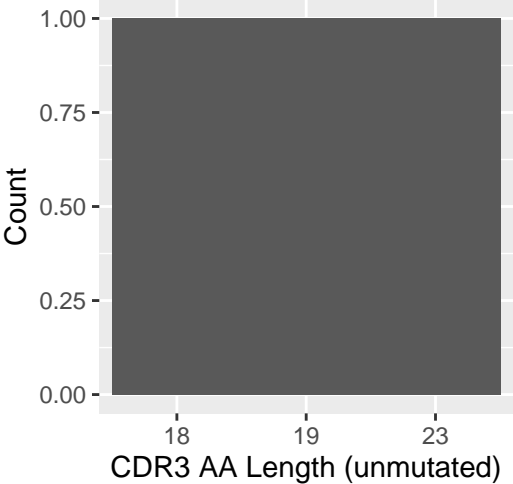


### TRBV7-9\*ap01

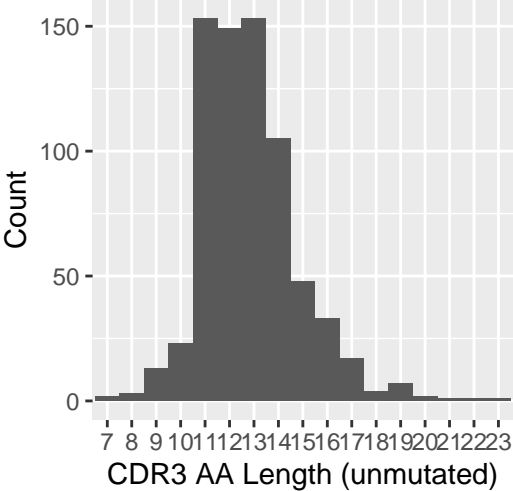
6642 sequences assigned  
6572 (98.9%) exact matches, in which:  
6489 unique CDR3  
13 unique J



TRBV7-1\*ap01\_T296C



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.