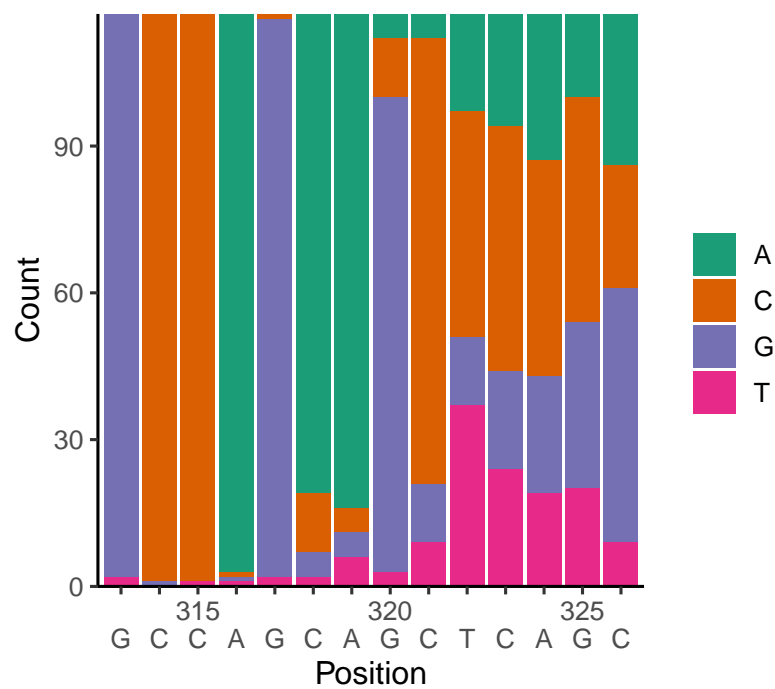
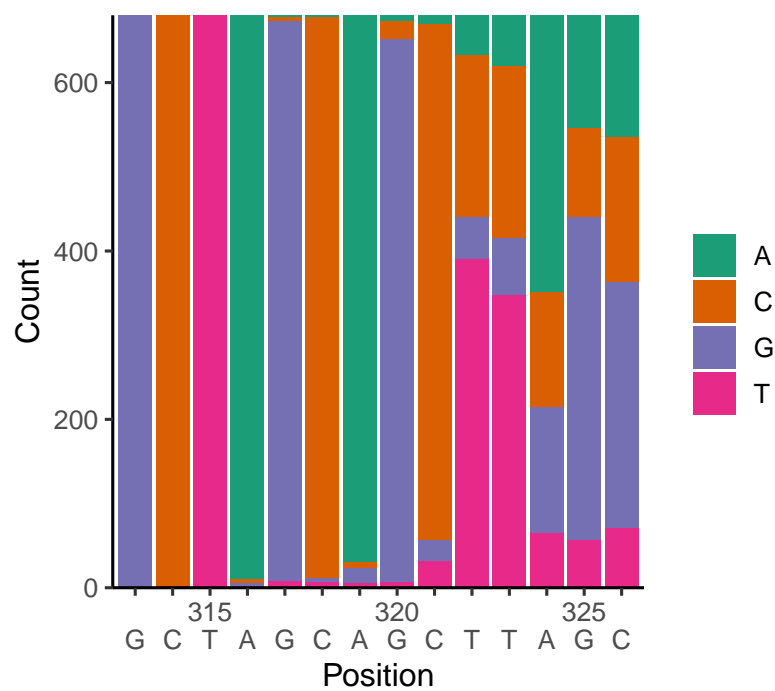


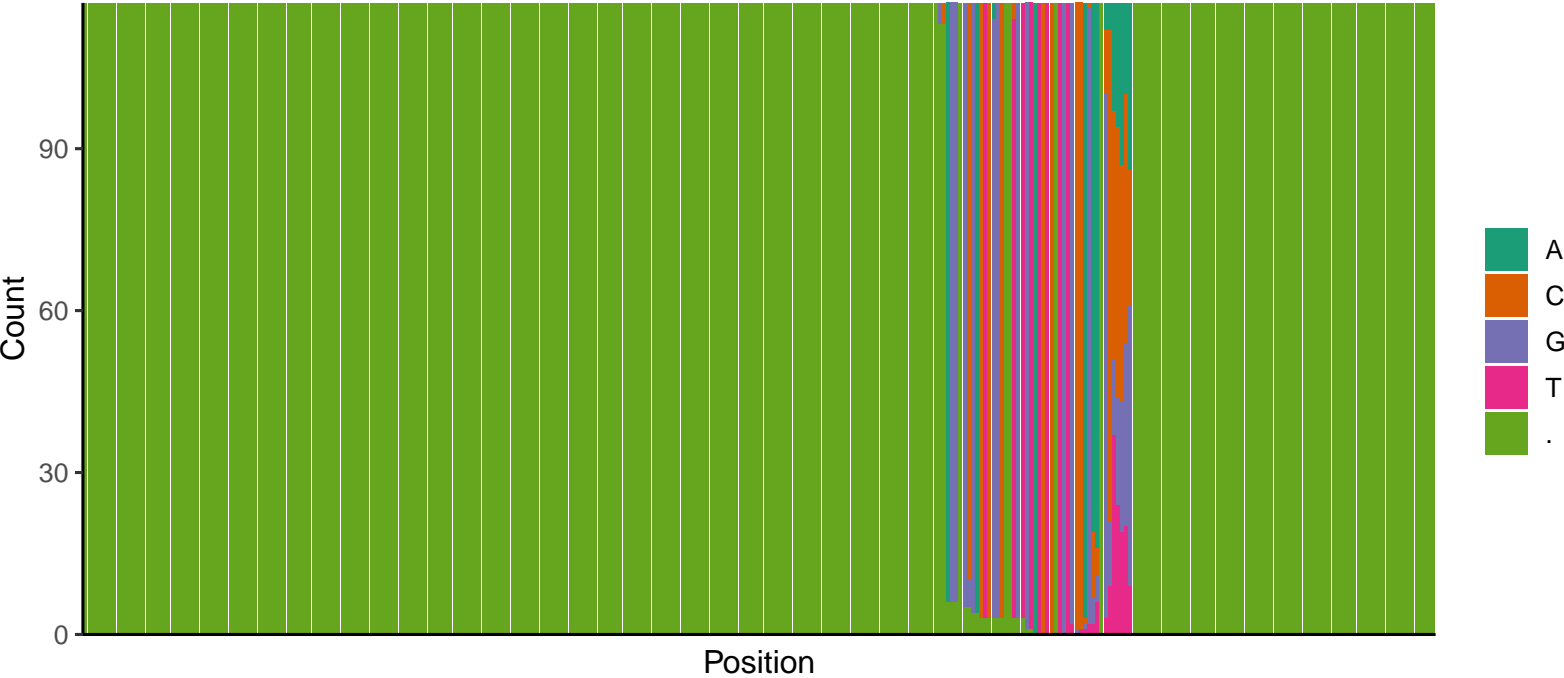
Gene TRBV7-1\*ap01\_T296C



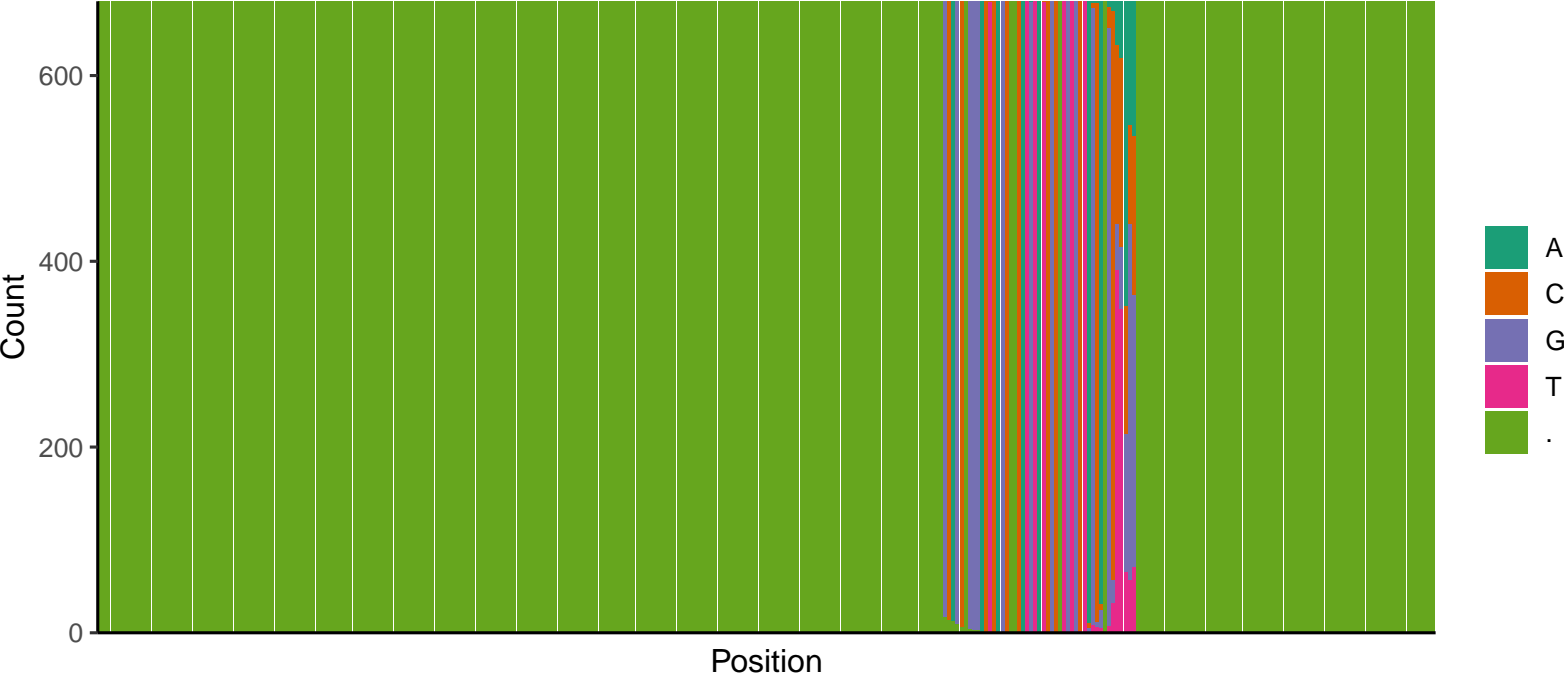
Gene TRBV7-7\*ap01\_C315T



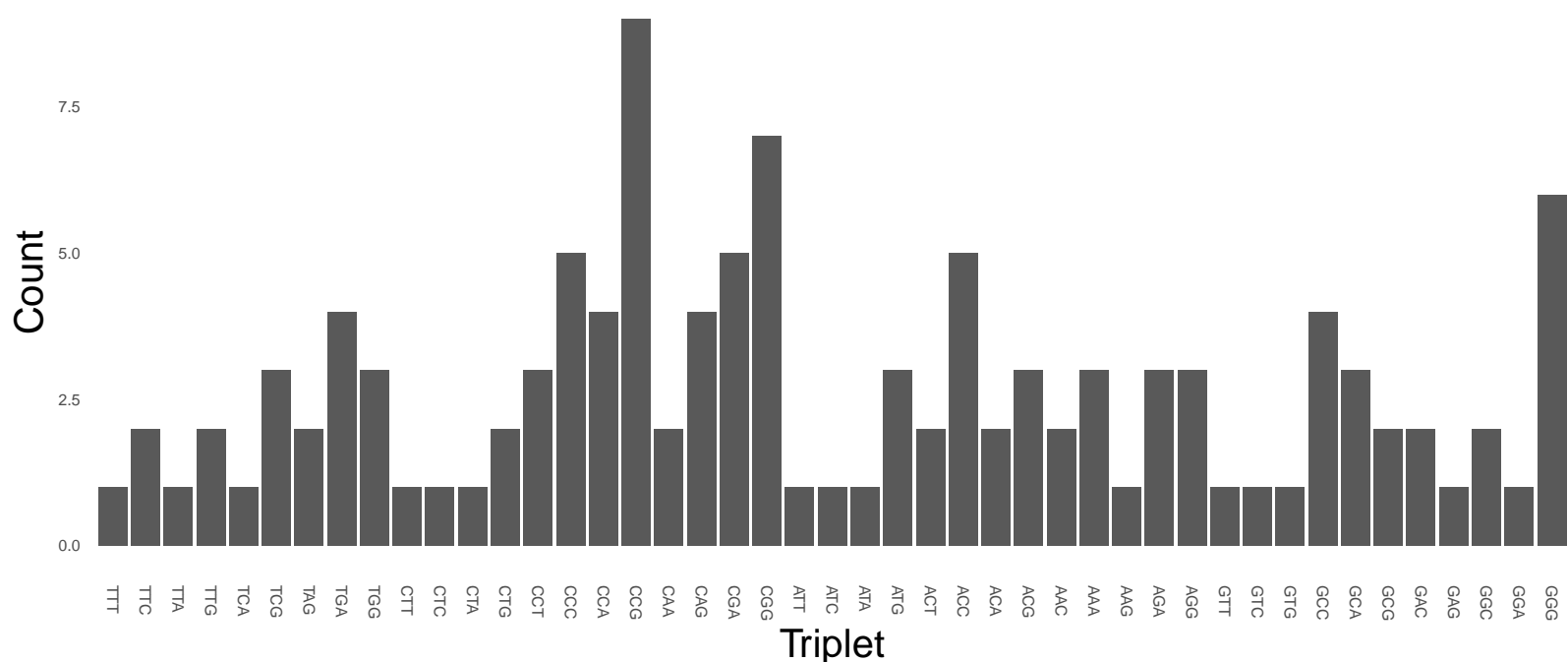
Gene TRBV7-1\*ap01\_T296C



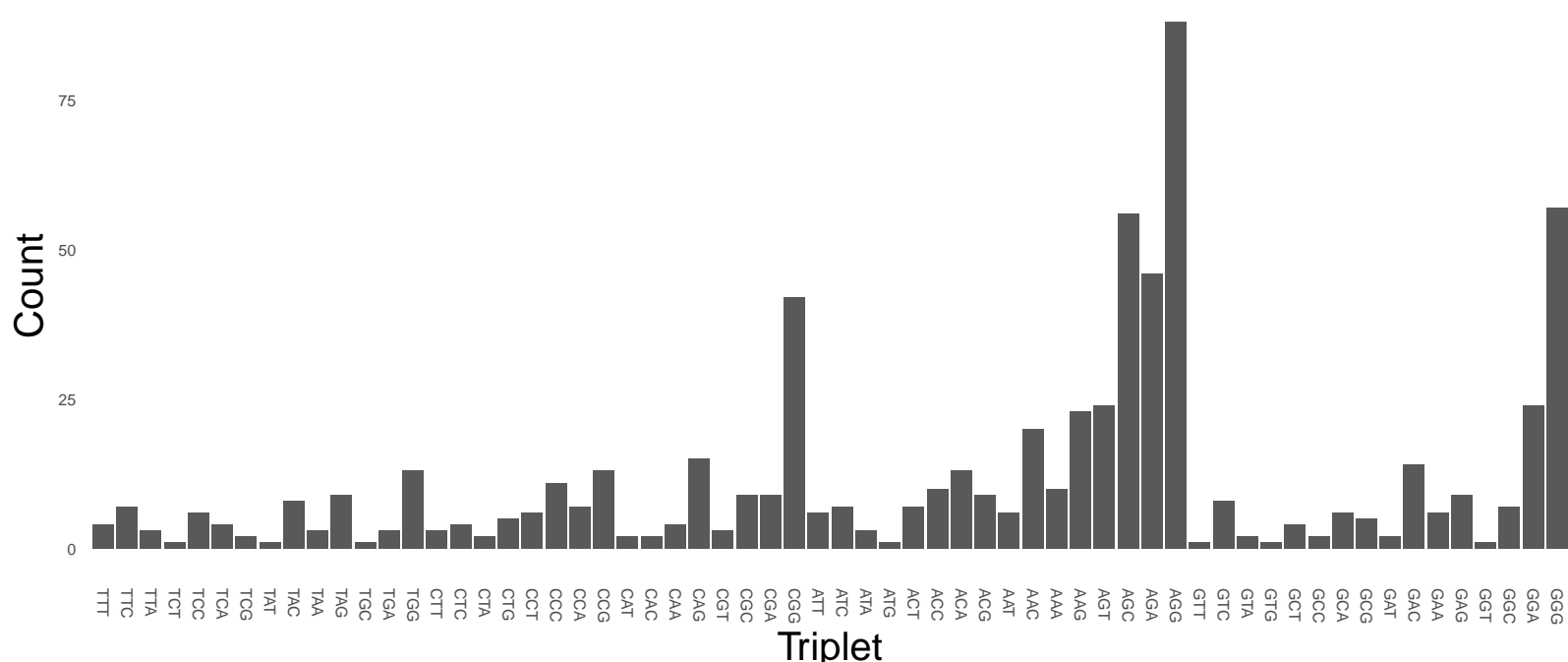
Gene TRBV7-7\*ap01\_C315T



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

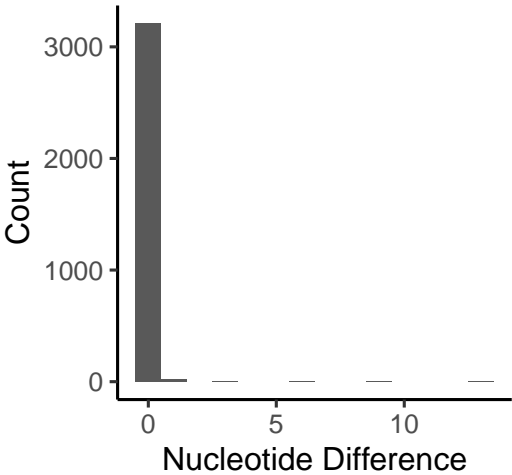


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



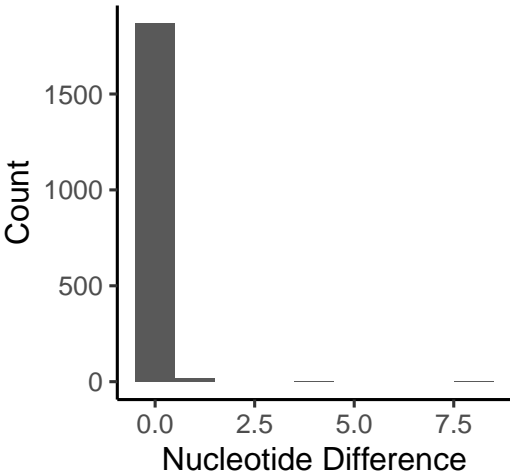
TRBV10-1\*ap01

3242 sequences assigned  
3210 (99%) exact matches, in which:  
3161 unique CDR3  
13 unique J



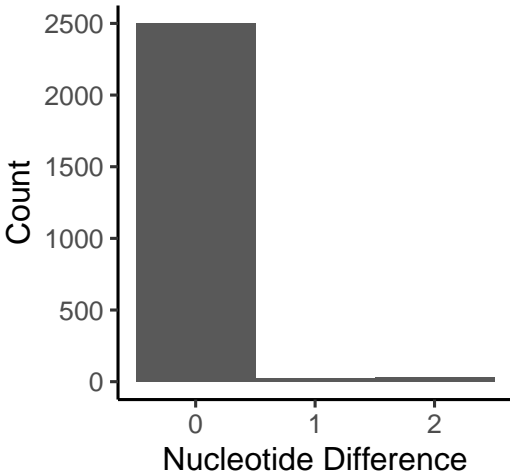
TRBV10-2\*ap01

1887 sequences assigned  
1868 (99%) exact matches, in which:  
1842 unique CDR3  
13 unique J



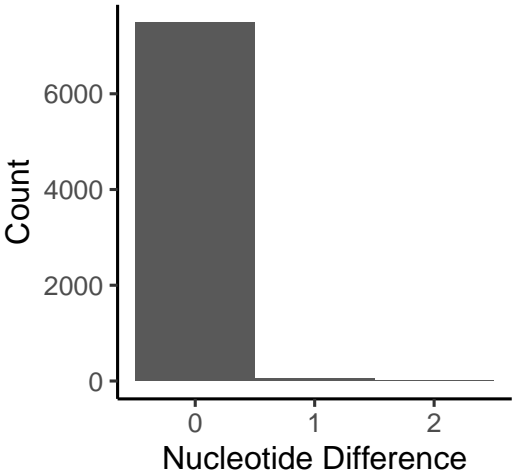
TRBV13\*ap01

2557 sequences assigned  
2500 (97.8%) exact matches, in which:  
2447 unique CDR3  
13 unique J



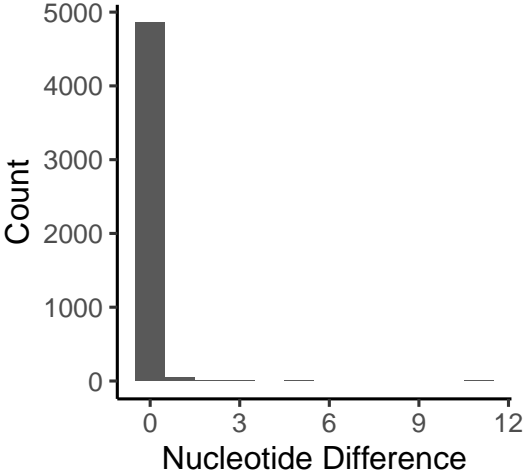
TRBV20-1\*ap01

7547 sequences assigned  
7484 (99.2%) exact matches, in which:  
7400 unique CDR3  
13 unique J



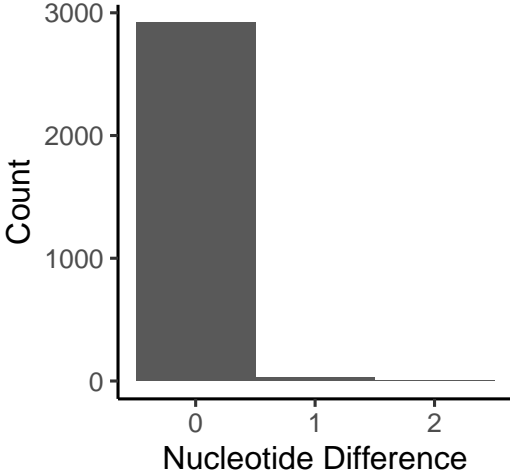
TRBV10-3\*ap01

4905 sequences assigned  
4856 (99%) exact matches, in which:  
4788 unique CDR3  
13 unique J



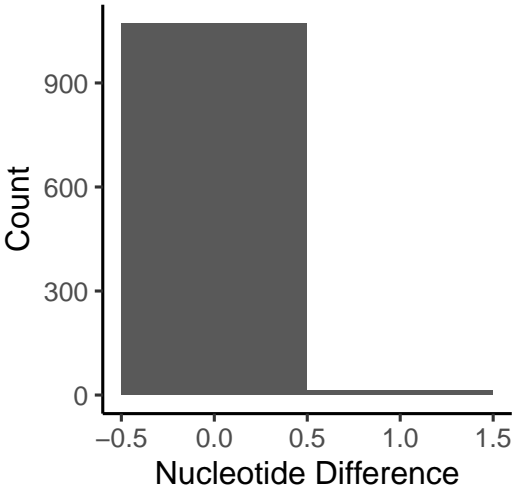
TRBV14\*ap01

2950 sequences assigned  
2919 (98.9%) exact matches, in which:  
2892 unique CDR3  
13 unique J



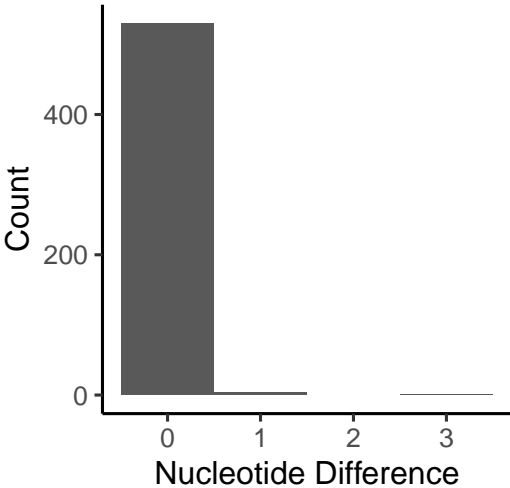
TRBV20-1\*ap02

1085 sequences assigned  
1072 (98.8%) exact matches, in which:  
1058 unique CDR3  
13 unique J



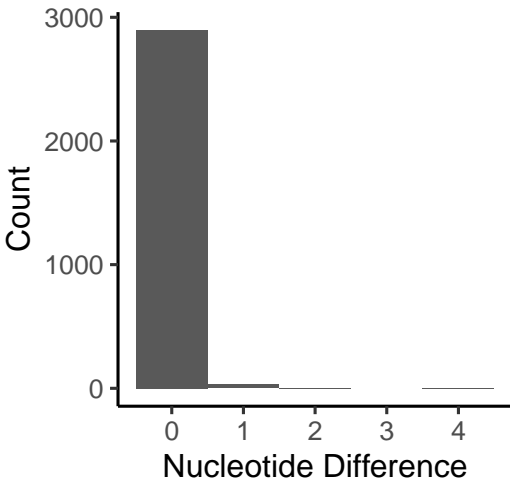
TRBV1\*ap01

535 sequences assigned  
530 (99.1%) exact matches, in which:  
516 unique CDR3  
13 unique J



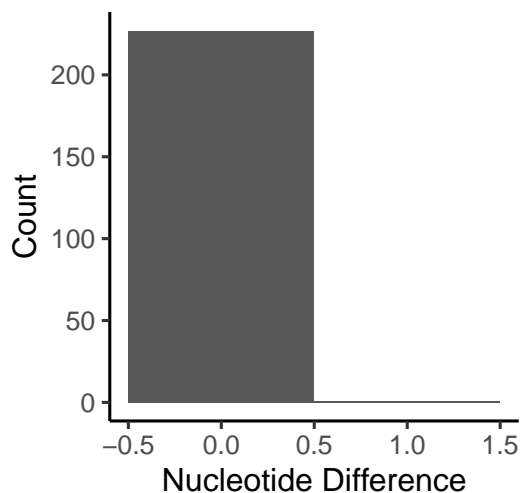
TRBV15\*ap02

2929 sequences assigned  
2897 (98.9%) exact matches, in which:  
2840 unique CDR3  
13 unique J



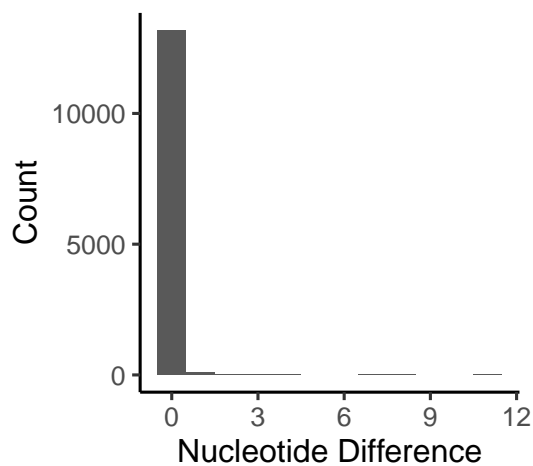
### TRBV16\*ap01

228 sequences assigned  
227 (99.6%) exact matches, in which:  
226 unique CDR3  
13 unique J



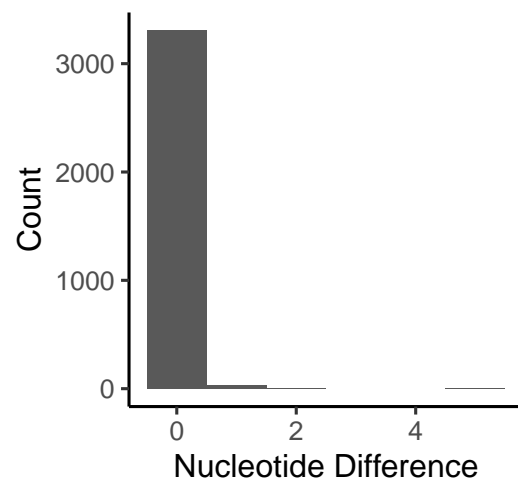
### TRBV19\*ap01

13303 sequences assigned  
13185 (99.1%) exact matches, in which:  
13061 unique CDR3  
13 unique J



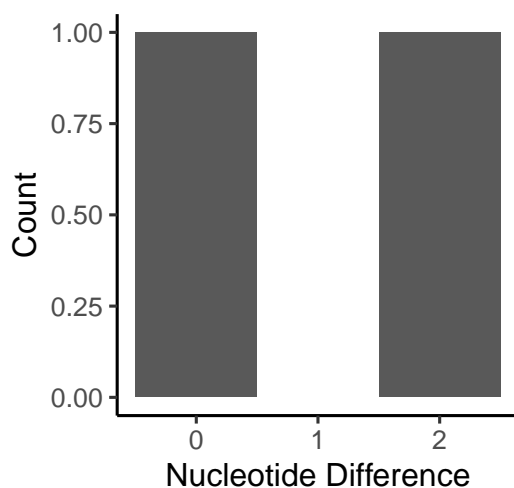
### TRBV28\*ap01

3340 sequences assigned  
3307 (99%) exact matches, in which:  
3273 unique CDR3  
13 unique J



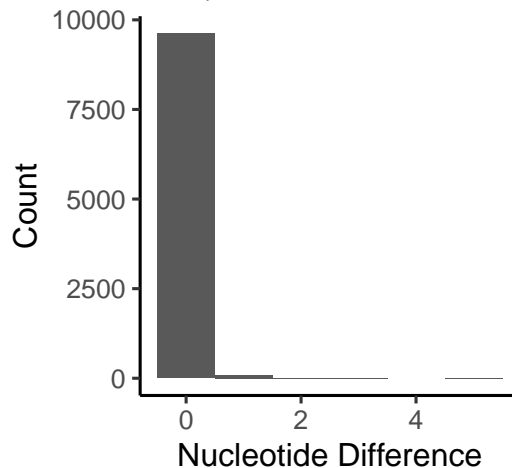
### TRBV17\*ap01

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



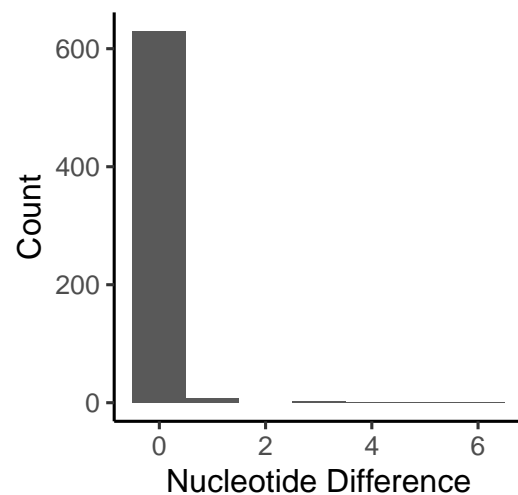
### TRBV2\*ap01

9717 sequences assigned  
9620 (99%) exact matches, in which:  
9475 unique CDR3  
13 unique J



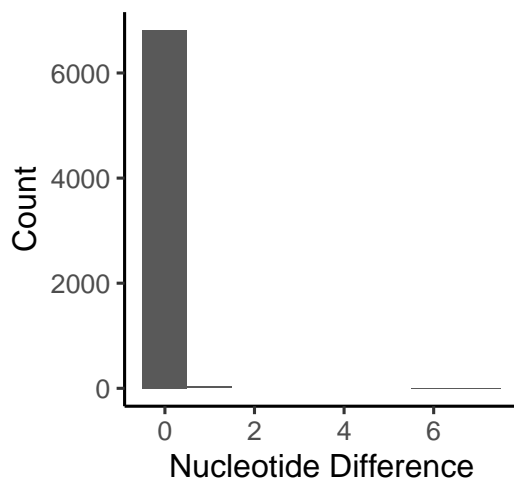
### TRBV30\*ap02

643 sequences assigned  
630 (98%) exact matches, in which:  
616 unique CDR3  
13 unique J



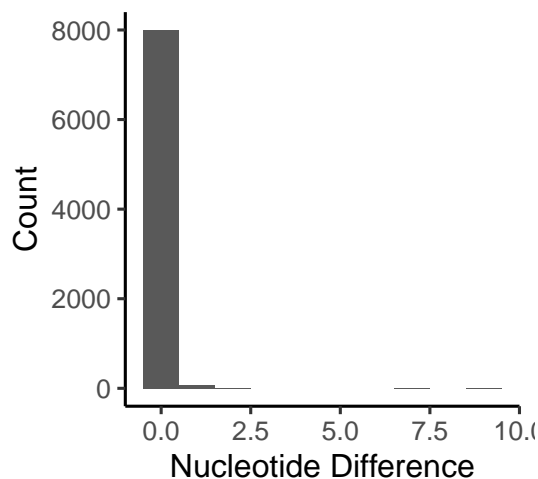
### TRBV18\*ap01

6856 sequences assigned  
6817 (99.4%) exact matches, in which:  
6754 unique CDR3  
13 unique J



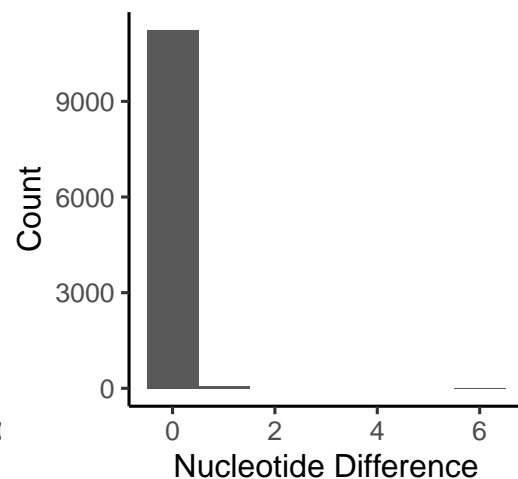
### TRBV27\*ap01

8072 sequences assigned  
7998 (99.1%) exact matches, in which:  
7879 unique CDR3  
13 unique J



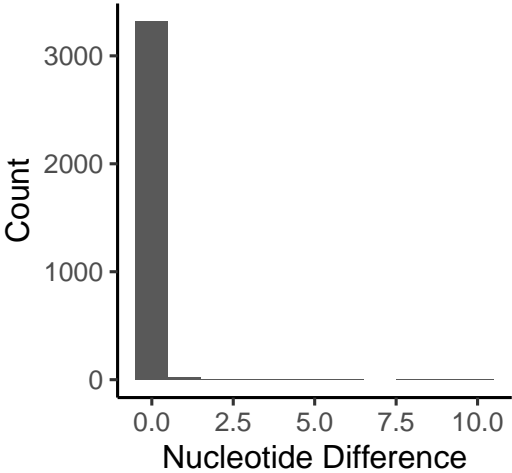
### TRBV9\*ap01

11311 sequences assigned  
11236 (99.3%) exact matches, in which:  
11089 unique CDR3  
13 unique J



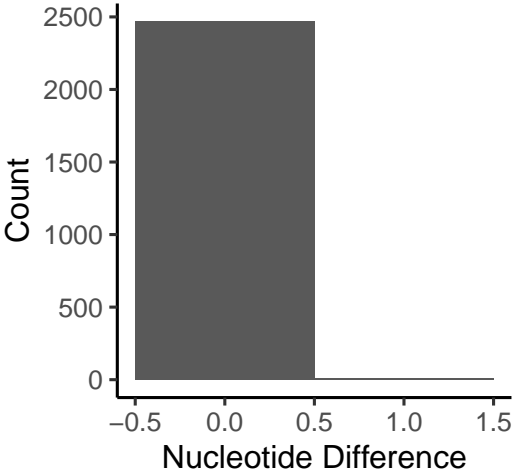
TRBV21-1\*ap01

3362 sequences assigned  
3319 (98.7%) exact matches, in which:  
3285 unique CDR3  
13 unique J



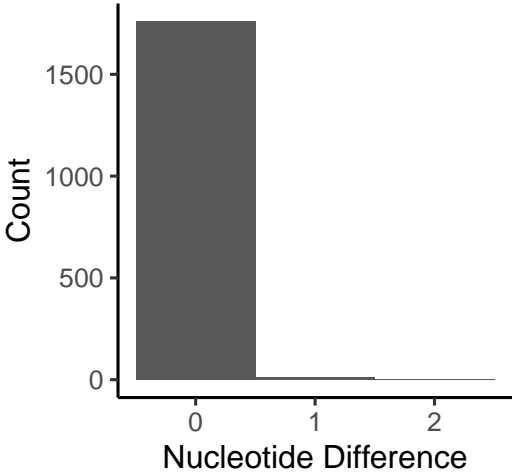
TRBV11-3\*ap01

2481 sequences assigned  
2469 (99.5%) exact matches, in which:  
2449 unique CDR3  
13 unique J



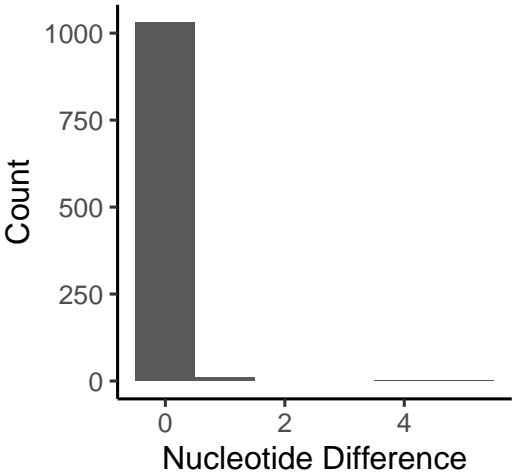
TRBV12-5\*ap01

1774 sequences assigned  
1760 (99.2%) exact matches, in which:  
1743 unique CDR3  
13 unique J



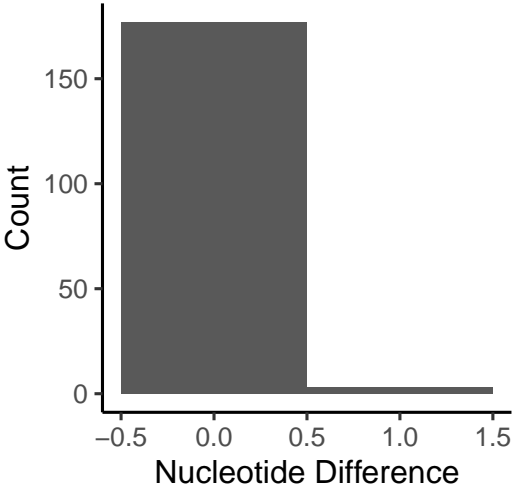
TRBV11-1\*ap01

1043 sequences assigned  
1030 (98.8%) exact matches, in which:  
1024 unique CDR3  
13 unique J



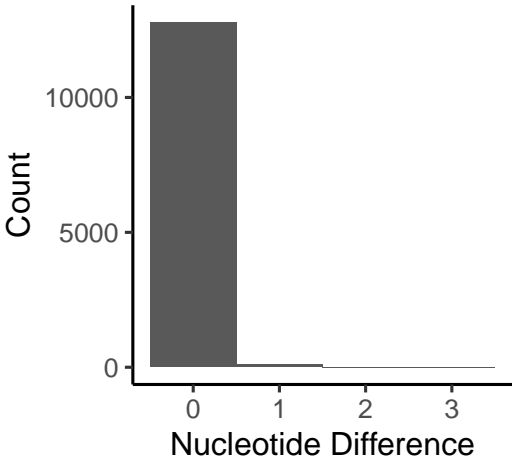
TRBV12-1\*ap01

180 sequences assigned  
177 (98.3%) exact matches, in which:  
177 unique CDR3  
13 unique J



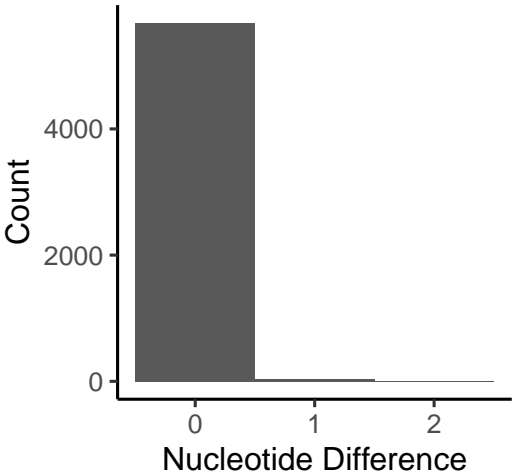
TRBV12-34\*ap01

12882 sequences assigned  
12779 (99.2%) exact matches, in which:  
12608 unique CDR3  
13 unique J



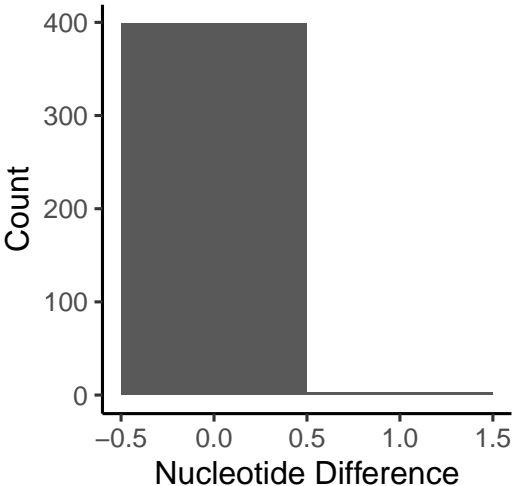
TRBV11-2\*ap01

5720 sequences assigned  
5678 (99.3%) exact matches, in which:  
5629 unique CDR3  
13 unique J



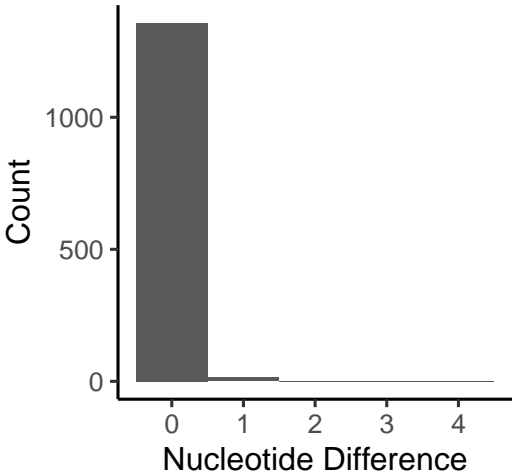
TRBV12-2\*ap01

402 sequences assigned  
399 (99.3%) exact matches, in which:  
394 unique CDR3  
13 unique J



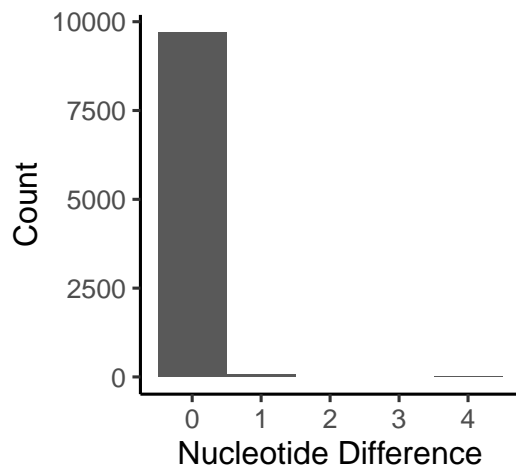
TRBV23-1\*ap01

1375 sequences assigned  
1357 (98.7%) exact matches, in which:  
1343 unique CDR3  
13 unique J



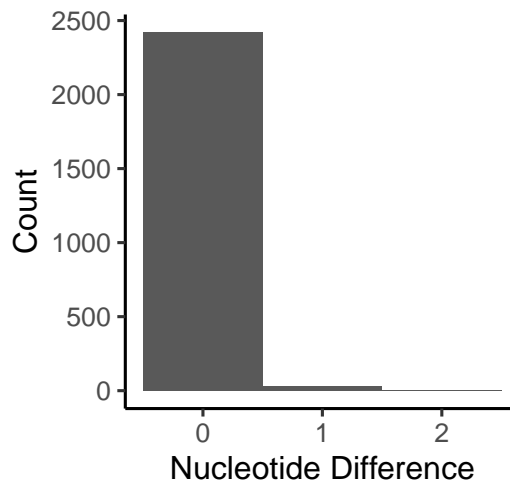
### TRBV3-12\*ap01

9776 sequences assigned  
9706 (99.3%) exact matches, in which:  
9624 unique CDR3  
13 unique J



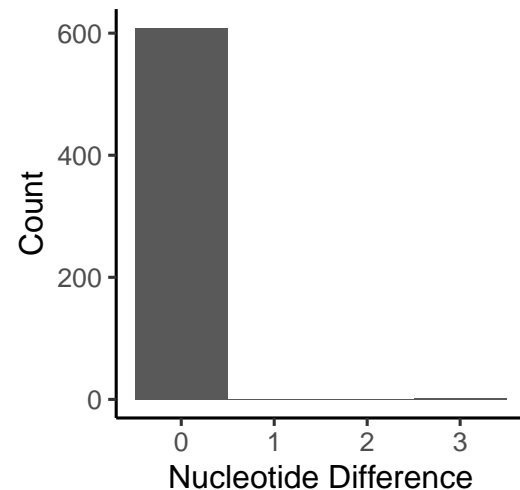
### TRBV4-2\*ap01

2450 sequences assigned  
2420 (98.8%) exact matches, in which:  
2382 unique CDR3  
14 unique J



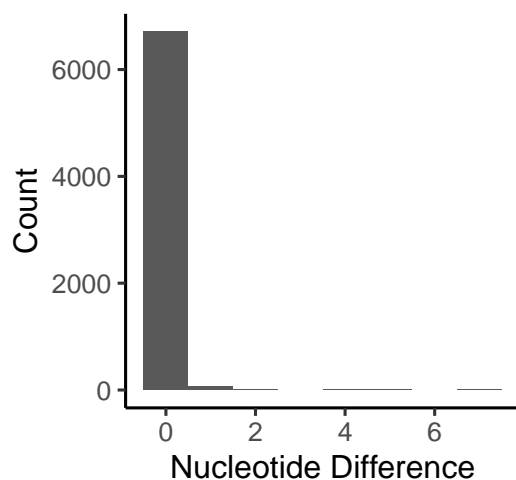
### TRBV5-3\*ap01

613 sequences assigned  
609 (99.3%) exact matches, in which:  
600 unique CDR3  
13 unique J



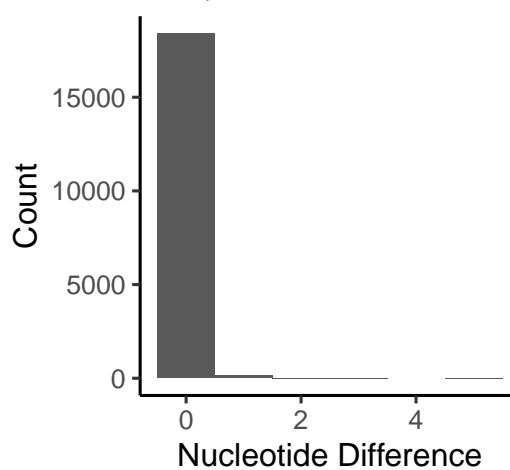
### TRBV4-1\*ap01

6783 sequences assigned  
6708 (98.9%) exact matches, in which:  
6561 unique CDR3  
13 unique J



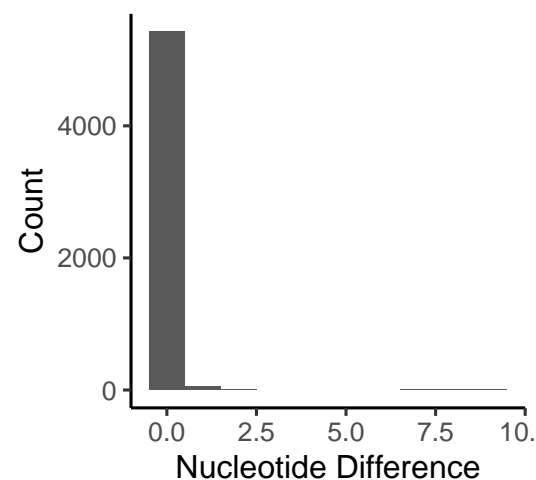
### TRBV5-1\*ap01

18570 sequences assigned  
18404 (99.1%) exact matches, in which:  
18072 unique CDR3  
13 unique J



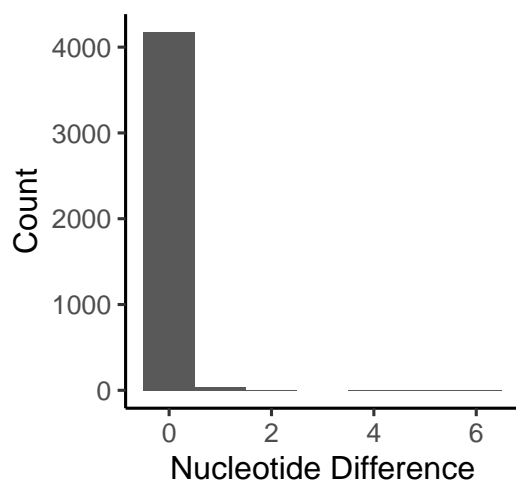
### TRBV5-4\*ap01

5489 sequences assigned  
5425 (98.8%) exact matches, in which:  
5318 unique CDR3  
13 unique J



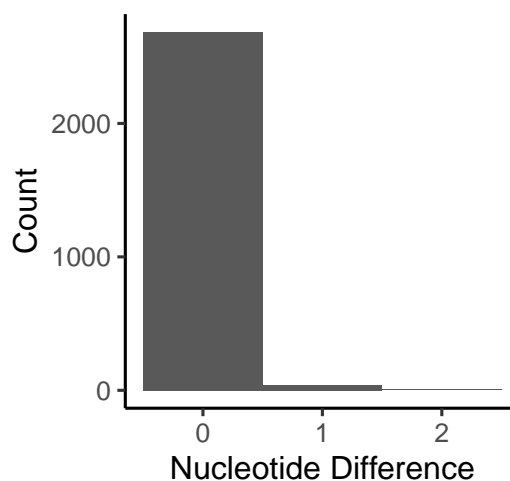
### TRBV24-1\*ap01

4218 sequences assigned  
4176 (99%) exact matches, in which:  
4117 unique CDR3  
13 unique J



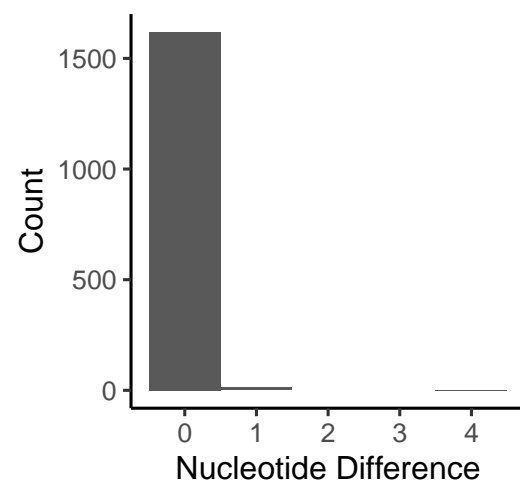
### TRBV25-1\*ap01

2732 sequences assigned  
2685 (98.3%) exact matches, in which:  
2622 unique CDR3  
13 unique J



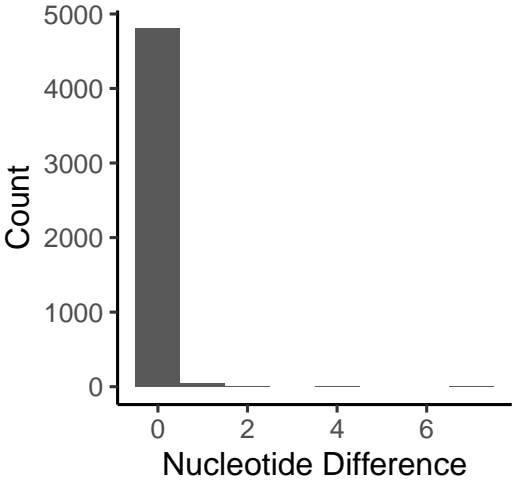
### TRBV5-5\*ap01

1632 sequences assigned  
1619 (99.2%) exact matches, in which:  
1610 unique CDR3  
13 unique J



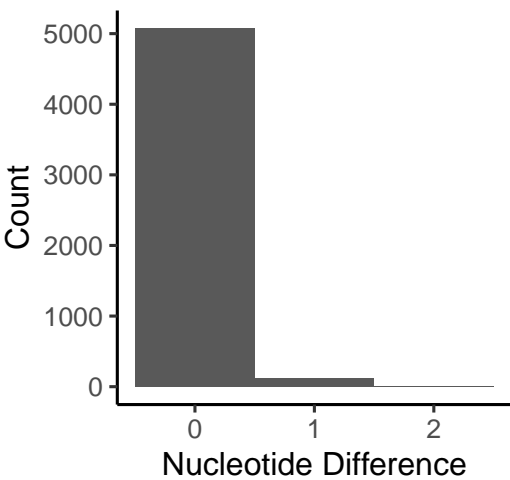
TRBV5-6\*ap01

4859 sequences assigned  
4806 (98.9%) exact matches, in which:  
4678 unique CDR3  
13 unique J



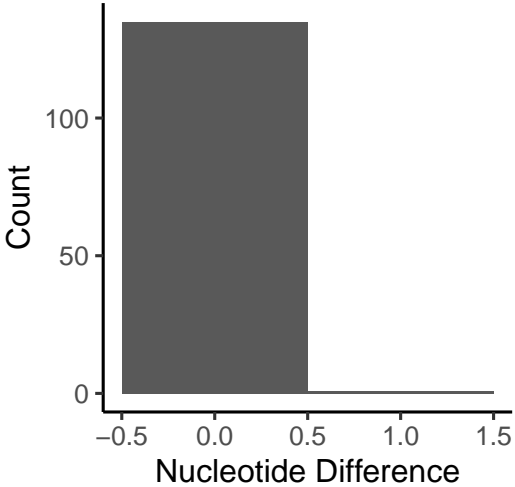
TRBV6-1\*ap01

5197 sequences assigned  
5074 (97.6%) exact matches, in which:  
4960 unique CDR3  
13 unique J



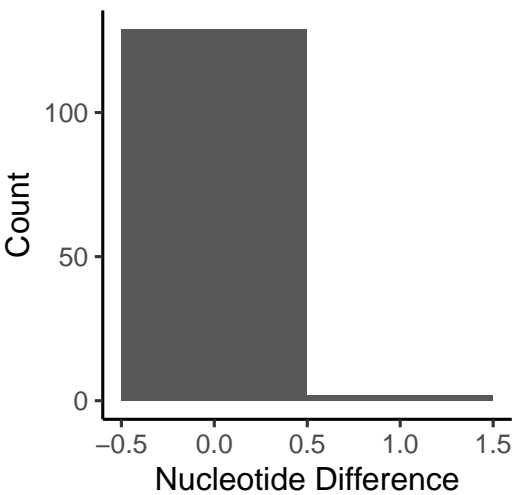
TRBV6-8\*ap01

136 sequences assigned  
135 (99.3%) exact matches, in which:  
134 unique CDR3  
13 unique J



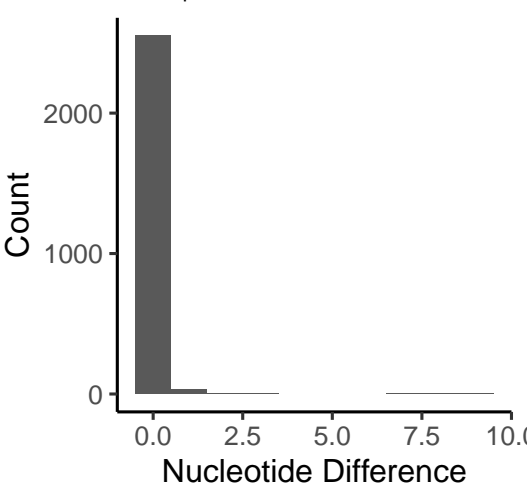
TRBV5-7\*ap01

131 sequences assigned  
129 (98.5%) exact matches, in which:  
128 unique CDR3  
13 unique J



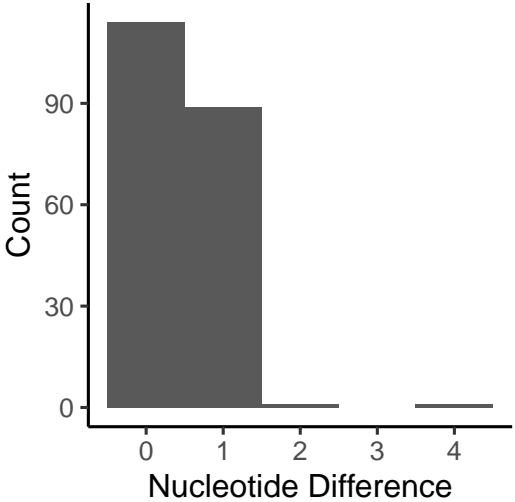
TRBV6-4\*ap01

2588 sequences assigned  
2551 (98.6%) exact matches, in which:  
2520 unique CDR3  
13 unique J



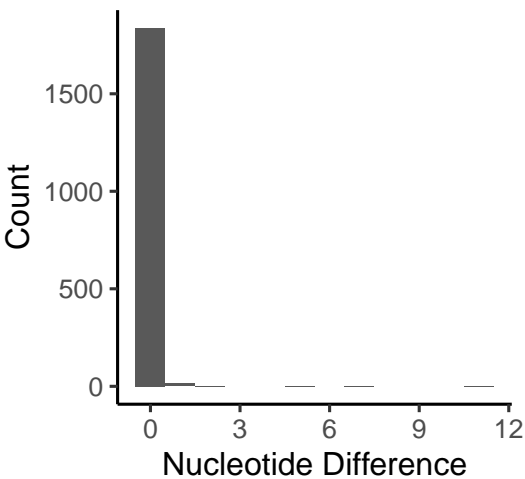
TRBV6-9\*ap01

205 sequences assigned  
114 (55.6%) exact matches, in which:  
113 unique CDR3  
12 unique J



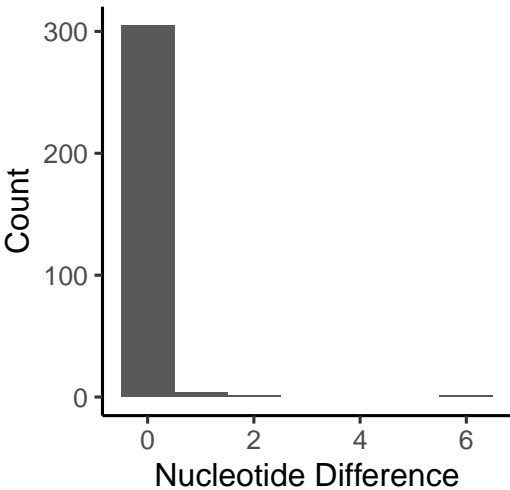
TRBV5-8\*ap01

1857 sequences assigned  
1837 (98.9%) exact matches, in which:  
1808 unique CDR3  
13 unique J



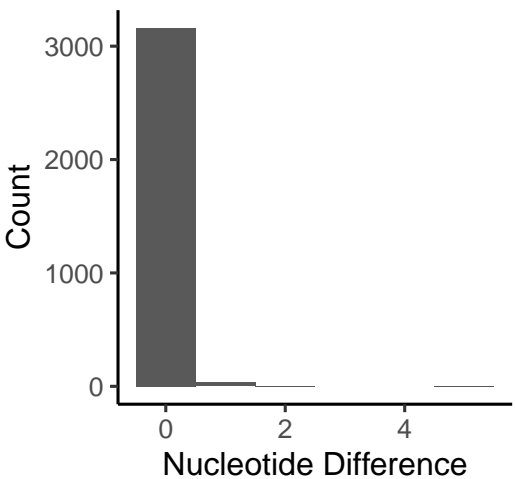
TRBV6-7\*ap01

311 sequences assigned  
305 (98.1%) exact matches, in which:  
295 unique CDR3  
13 unique J



TRBV6-23\*ap01

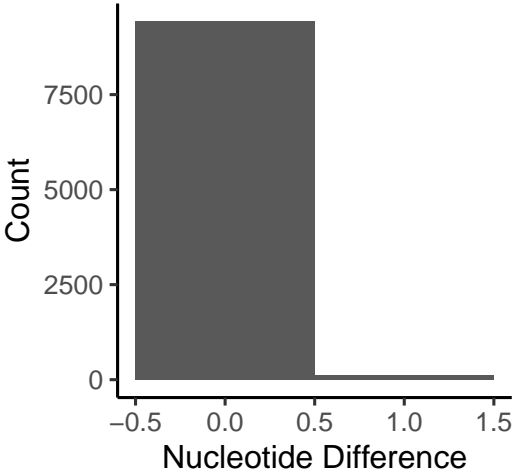
3196 sequences assigned  
3160 (98.9%) exact matches, in which:  
3080 unique CDR3  
13 unique J





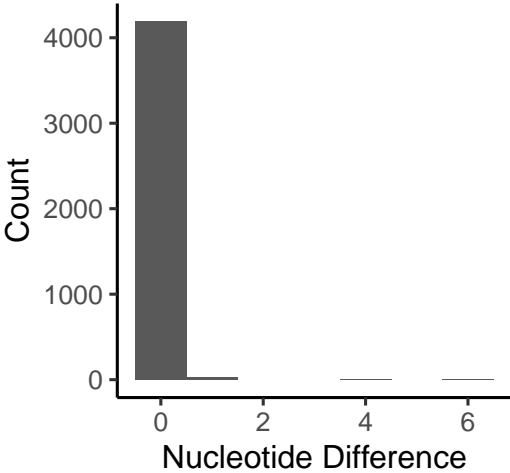
TRBV6-56\*ap01

9533 sequences assigned  
9426 (98.9%) exact matches, in which:  
9192 unique CDR3  
13 unique J



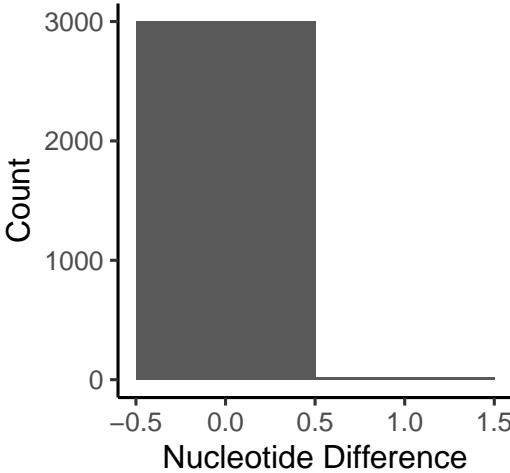
TRBV7-2\*ap01

4219 sequences assigned  
4191 (99.3%) exact matches, in which:  
4147 unique CDR3  
13 unique J



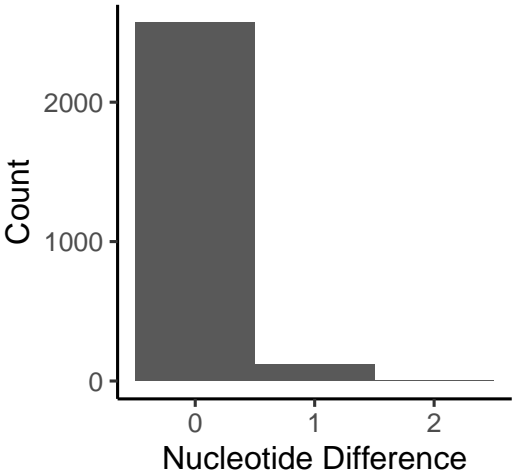
TRBV7-6\*ap01

3019 sequences assigned  
3001 (99.4%) exact matches, in which:  
2962 unique CDR3  
13 unique J



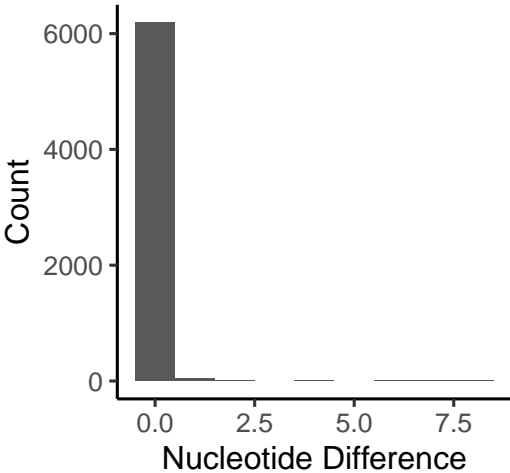
TRBV6-56\*ap02

2690 sequences assigned  
2570 (95.5%) exact matches, in which:  
2498 unique CDR3  
13 unique J



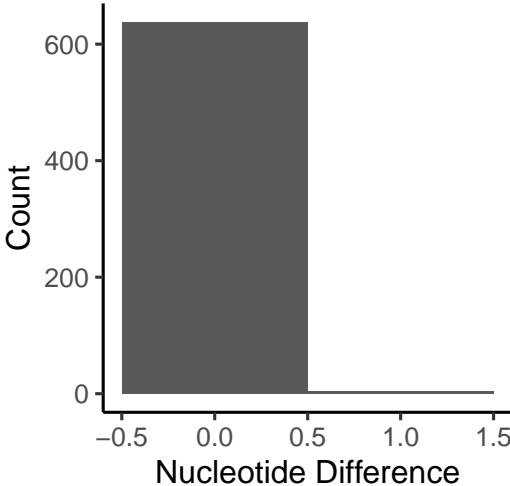
TRBV7-3\*ap01

6230 sequences assigned  
6188 (99.3%) exact matches, in which:  
6137 unique CDR3  
13 unique J



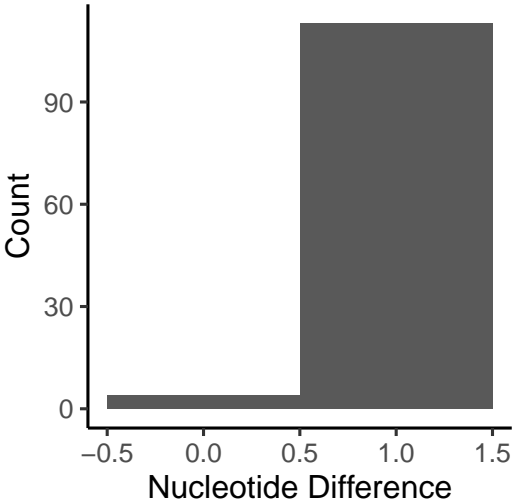
TRBV7-7\*ap01

642 sequences assigned  
638 (99.4%) exact matches, in which:  
629 unique CDR3  
13 unique J



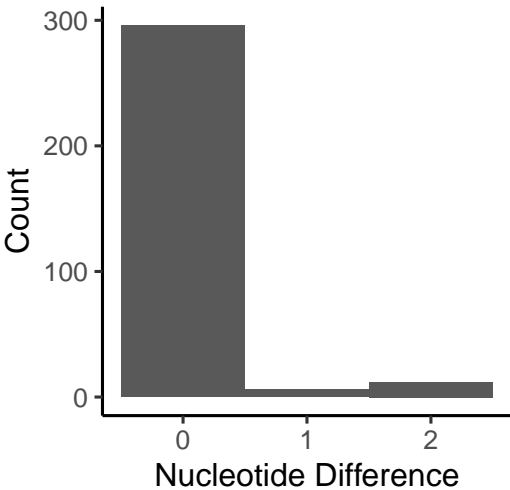
TRBV7-1\*ap01\_T296C

117 sequences assigned  
4 (3.4%) exact matches, in which:  
4 unique CDR3  
2 unique J



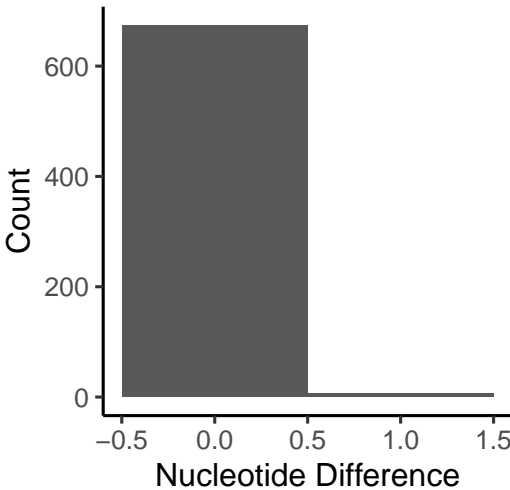
TRBV7-4\*ap01

314 sequences assigned  
296 (94.3%) exact matches, in which:  
294 unique CDR3  
13 unique J



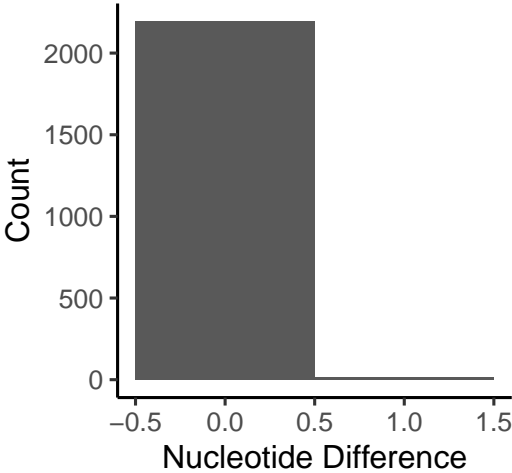
TRBV7-7\*ap01\_C315T

680 sequences assigned  
674 (99.1%) exact matches, in which:  
666 unique CDR3  
13 unique J



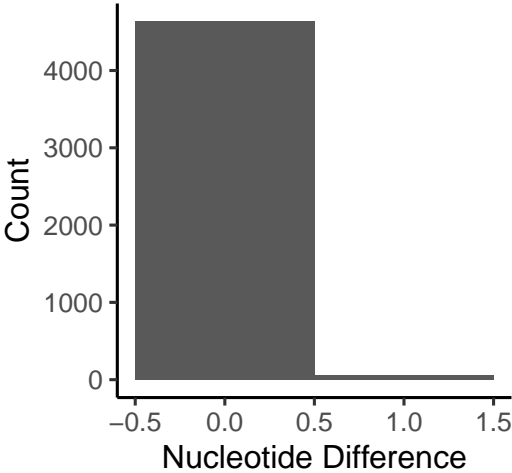
TRBV7-8\*ap01

2208 sequences assigned  
2194 (99.4%) exact matches, in which:  
2161 unique CDR3  
13 unique J



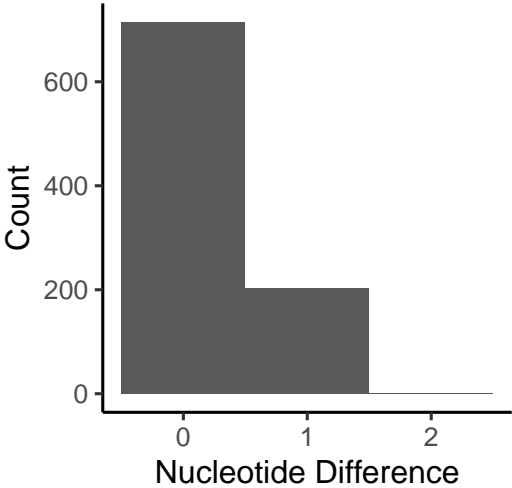
TRBV29-1\*ap01

4695 sequences assigned  
4635 (98.7%) exact matches, in which:  
4532 unique CDR3  
13 unique J



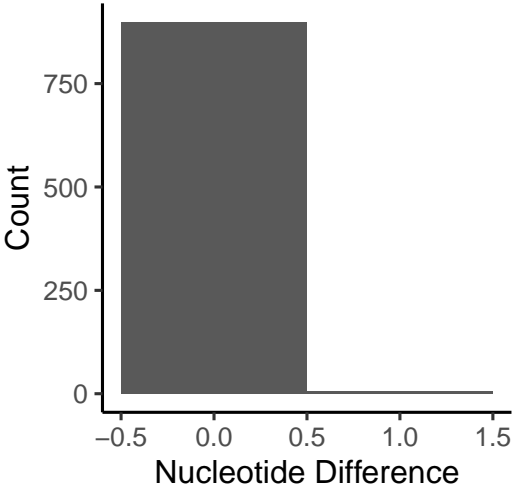
TRBV7-8\*ap03

919 sequences assigned  
715 (77.8%) exact matches, in which:  
705 unique CDR3  
13 unique J



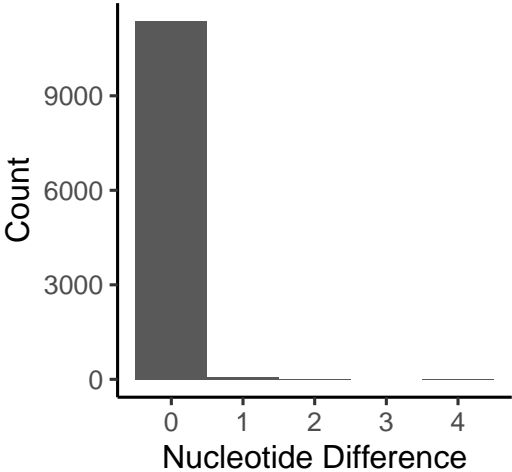
TRBV29-1\*ap02

906 sequences assigned  
899 (99.2%) exact matches, in which:  
883 unique CDR3  
13 unique J

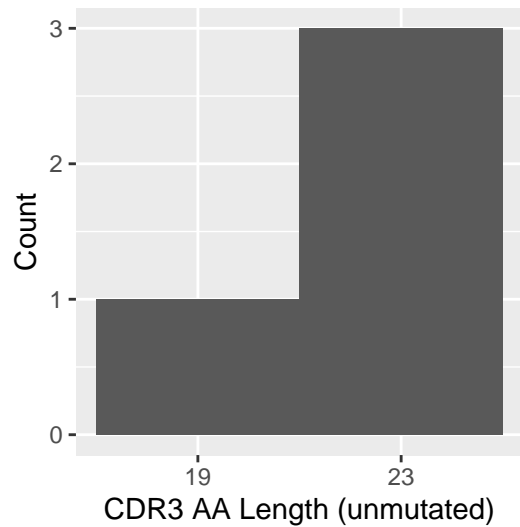


TRBV7-9\*ap01

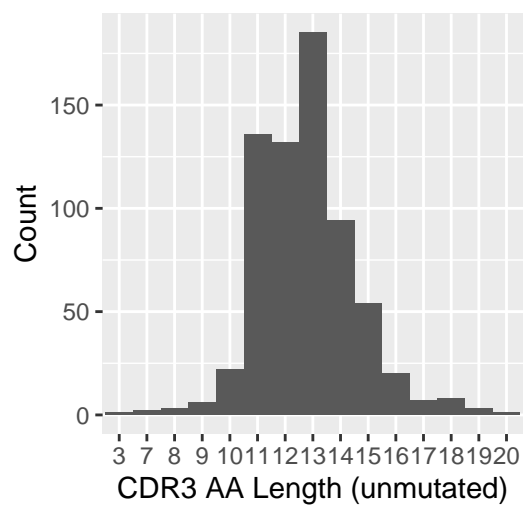
11460 sequences assigned  
11373 (99.2%) exact matches, in which:  
11233 unique CDR3  
13 unique J



TRBV7-1\*ap01\_T296C



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.