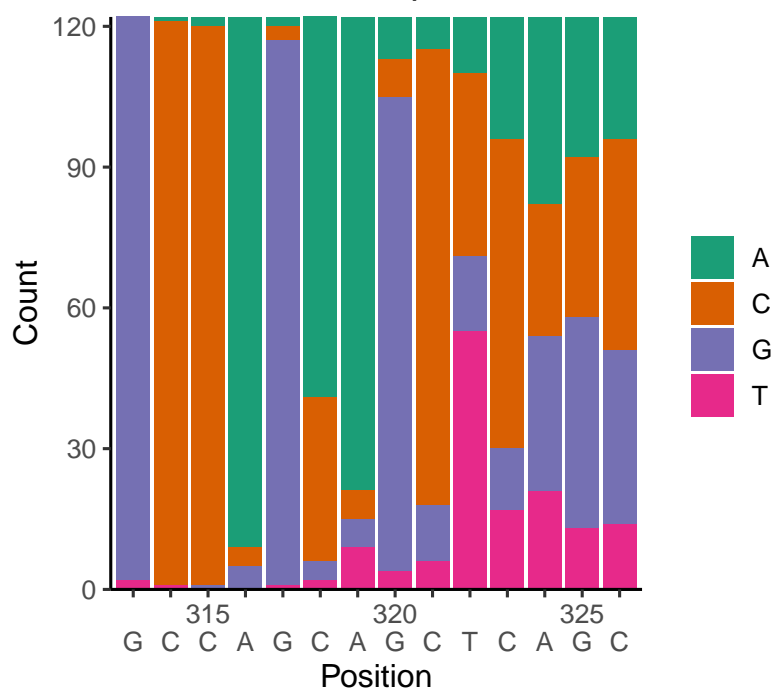
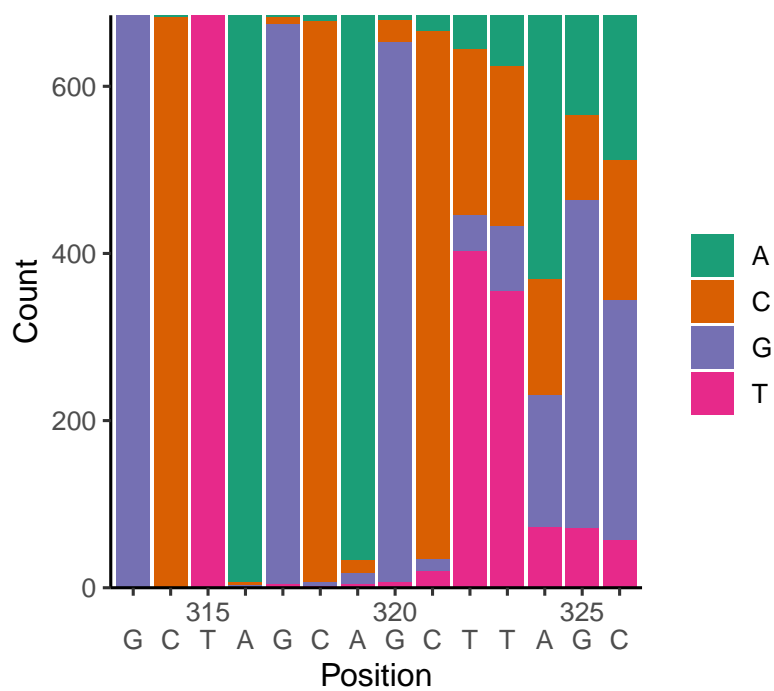


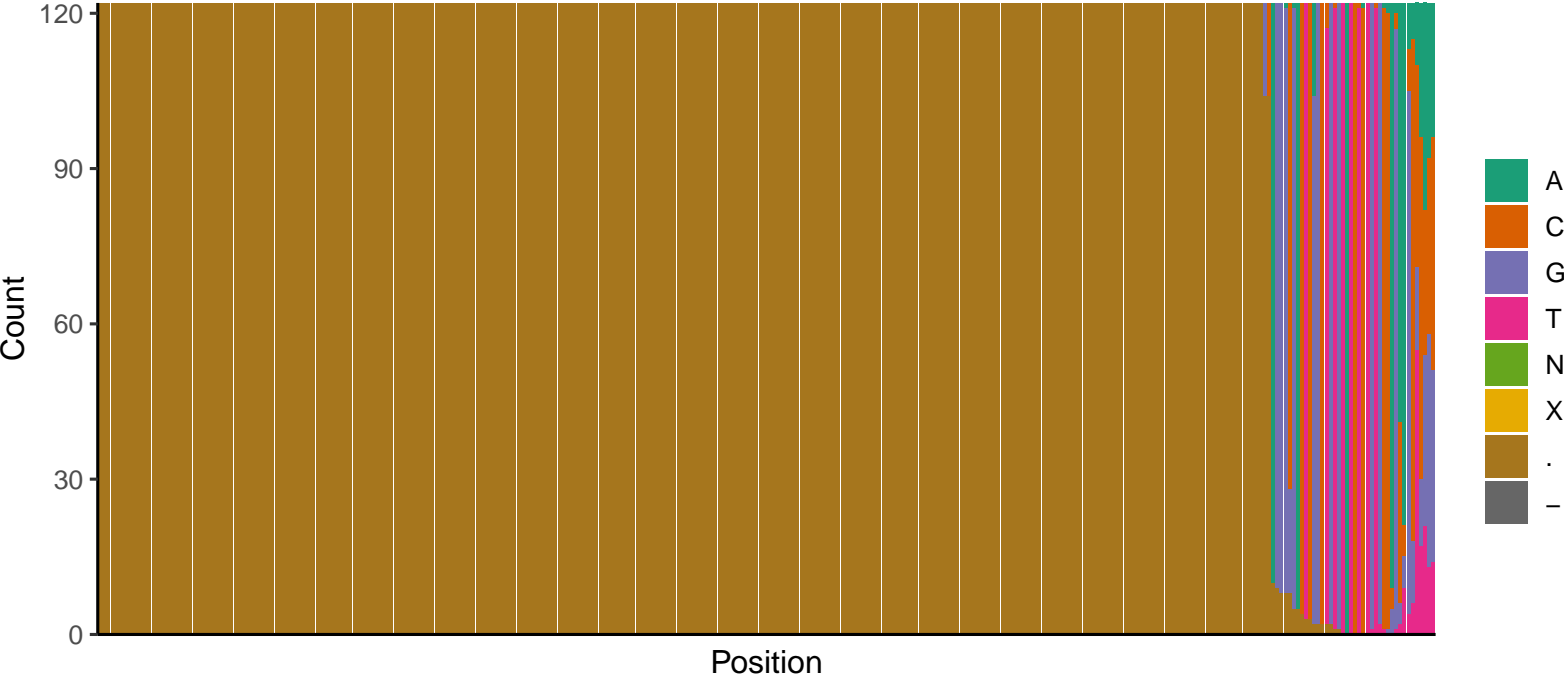
Gene TRBV7-1\*ap01\_T296C



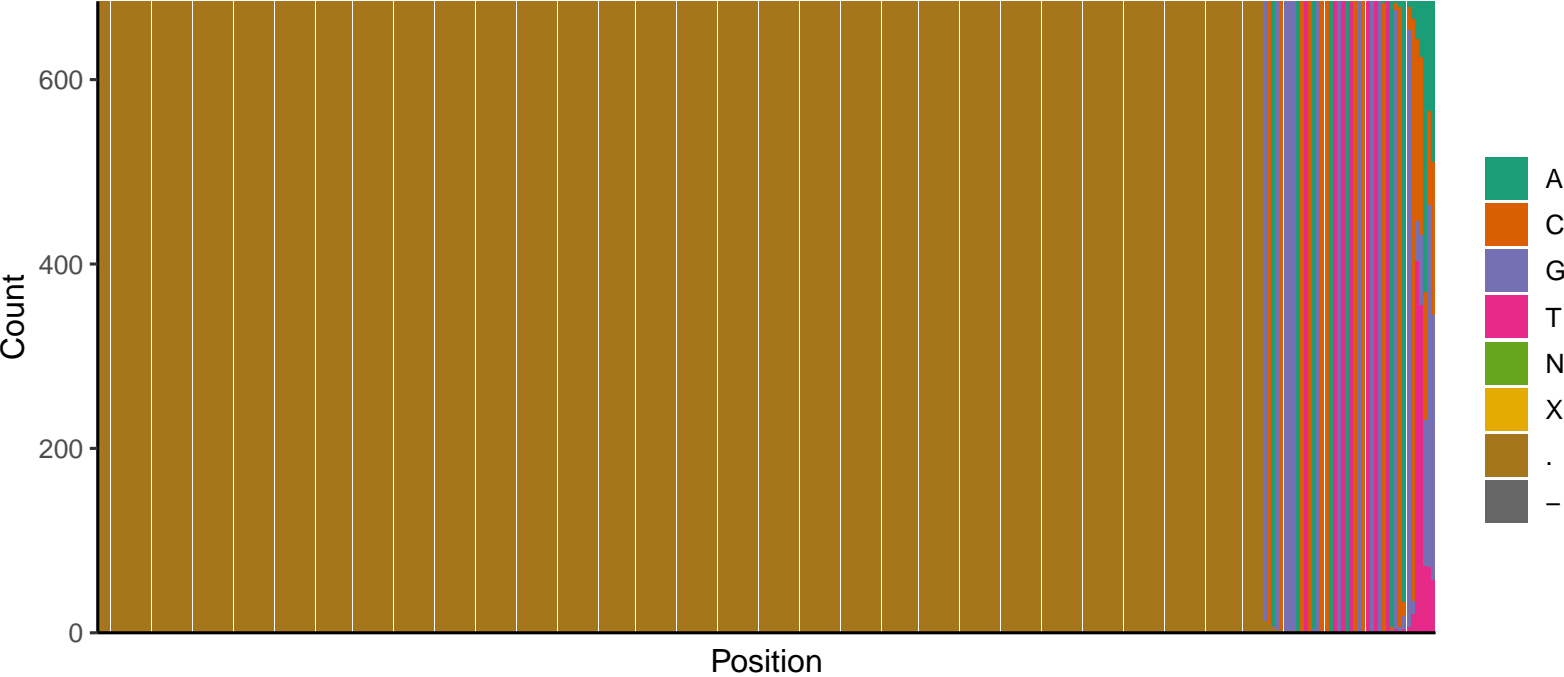
Gene TRBV7-7\*ap01\_C315T



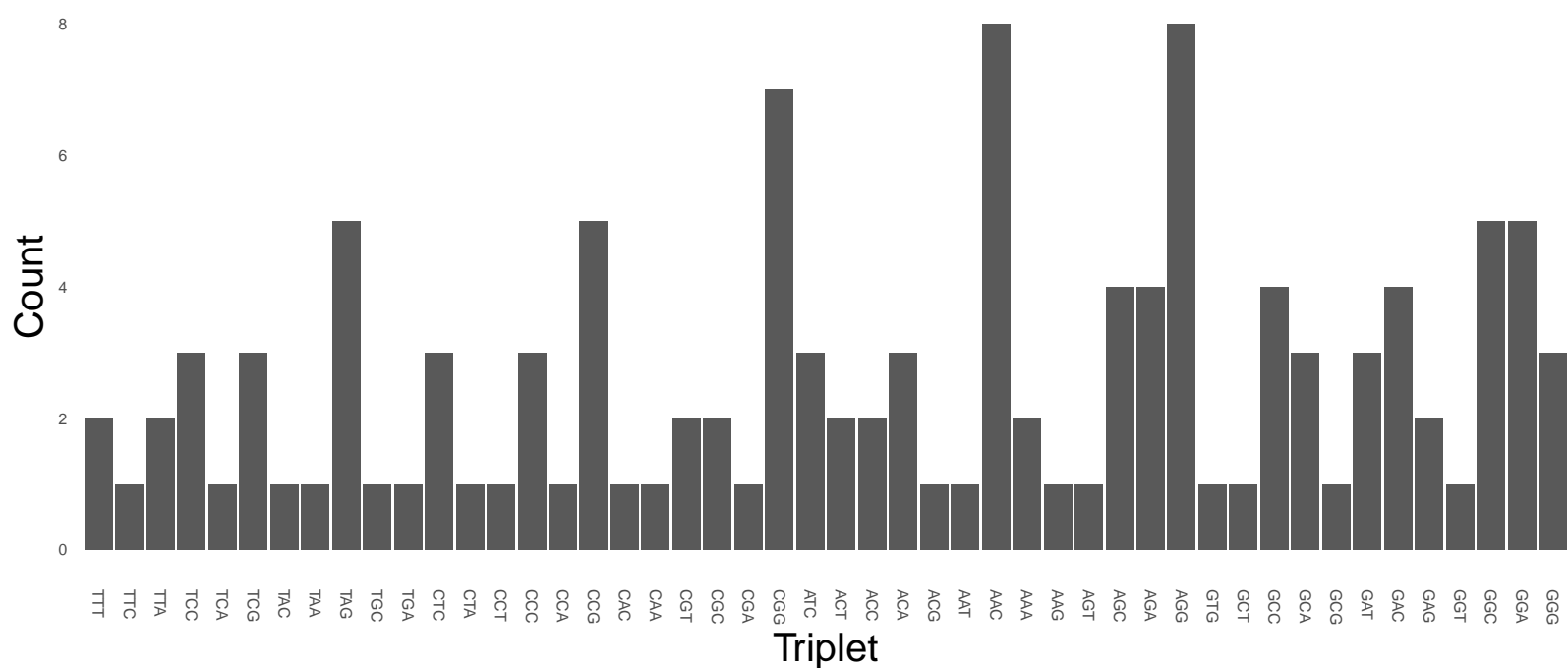
Gene TRBV7-1\*ap01\_T296C



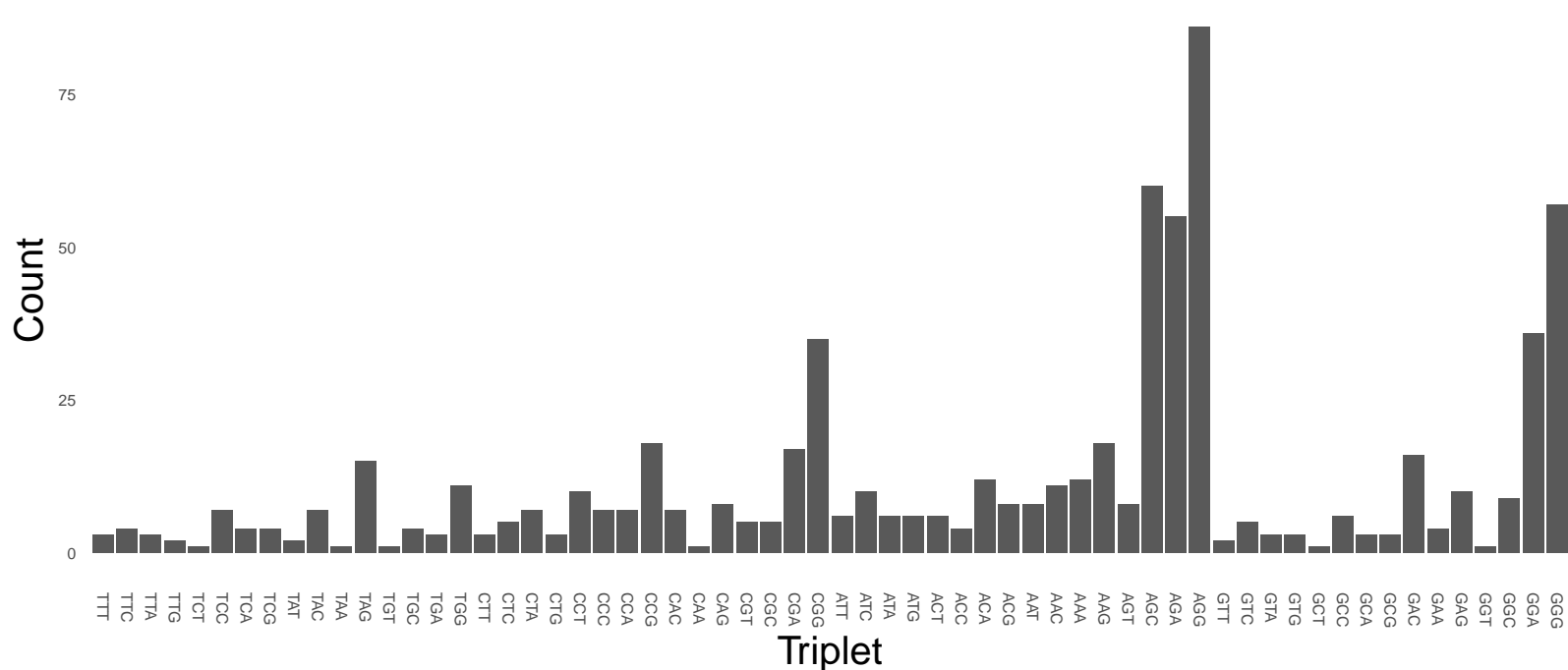
Gene TRBV7-7\*ap01\_C315T



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

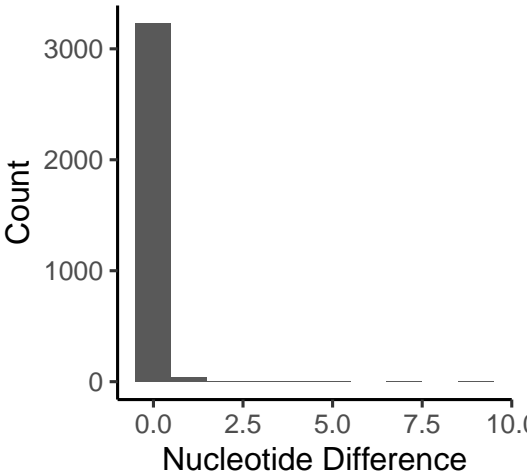


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



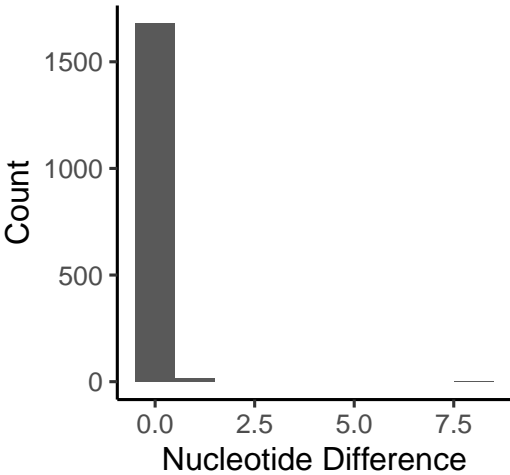
TRBV10-1\*ap01

3274 sequences assigned  
3229 (98.6%) exact matches, in which:  
3174 unique CDR3  
13 unique J



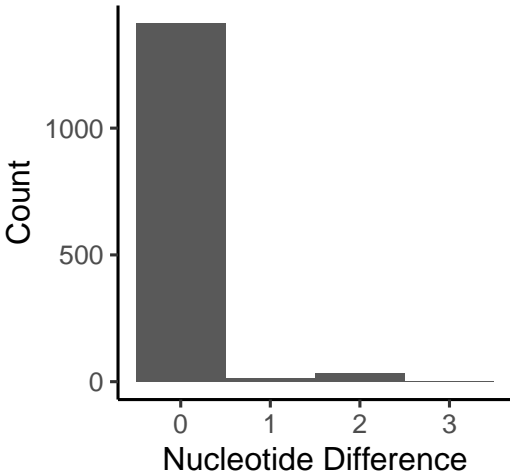
TRBV10-2\*ap01

1698 sequences assigned  
1680 (98.9%) exact matches, in which:  
1661 unique CDR3  
13 unique J



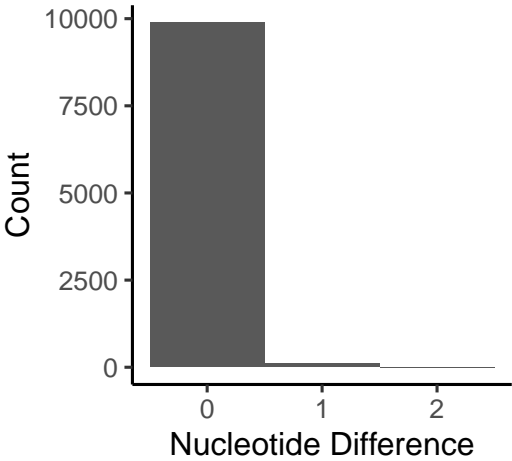
TRBV13\*ap01

1462 sequences assigned  
1413 (96.6%) exact matches, in which:  
1387 unique CDR3  
13 unique J



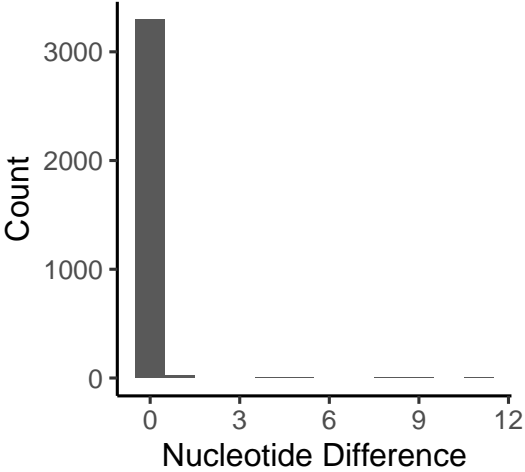
TRBV20-1\*ap01

9995 sequences assigned  
9891 (99%) exact matches, in which:  
9807 unique CDR3  
13 unique J



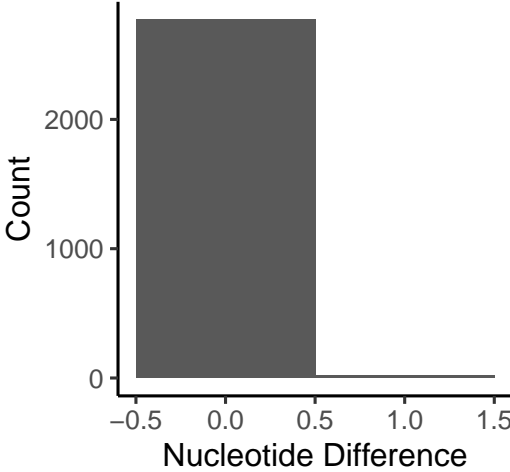
TRBV10-3\*ap01

3329 sequences assigned  
3295 (99%) exact matches, in which:  
3254 unique CDR3  
13 unique J



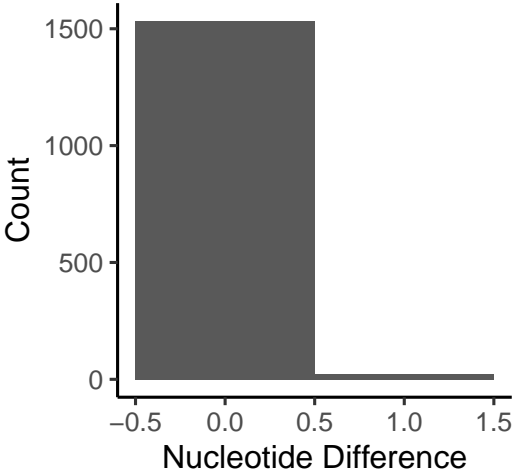
TRBV14\*ap01

2792 sequences assigned  
2771 (99.2%) exact matches, in which:  
2743 unique CDR3  
13 unique J



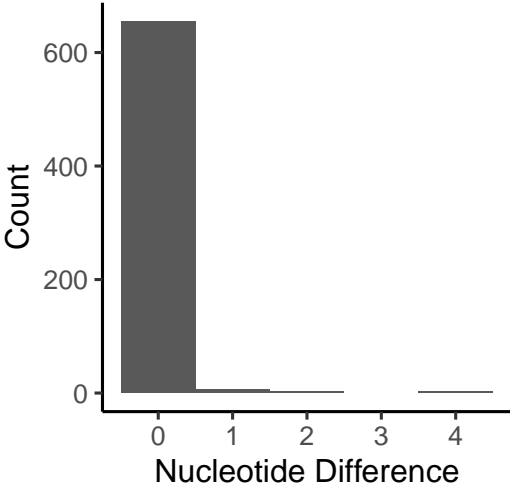
TRBV20-1\*ap02

1556 sequences assigned  
1533 (98.5%) exact matches, in which:  
1520 unique CDR3  
13 unique J



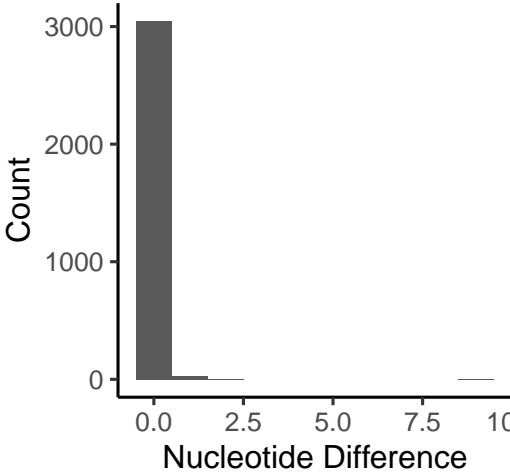
TRBV1\*ap01

666 sequences assigned  
655 (98.3%) exact matches, in which:  
636 unique CDR3  
13 unique J



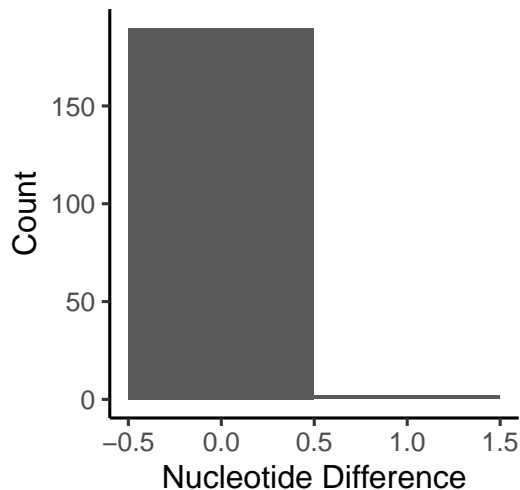
TRBV15\*ap02

3078 sequences assigned  
3047 (99%) exact matches, in which:  
3016 unique CDR3  
13 unique J



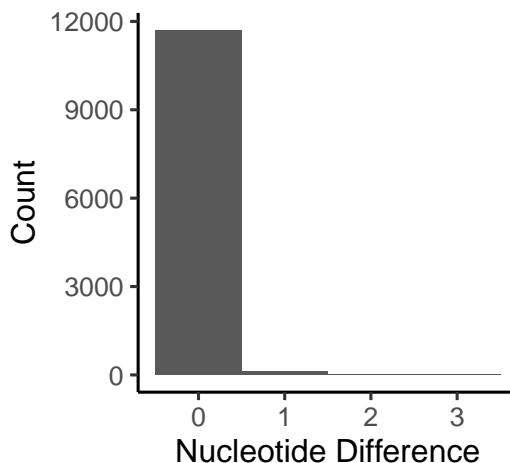
### TRBV16\*ap01

192 sequences assigned  
190 (99%) exact matches, in which:  
189 unique CDR3  
13 unique J



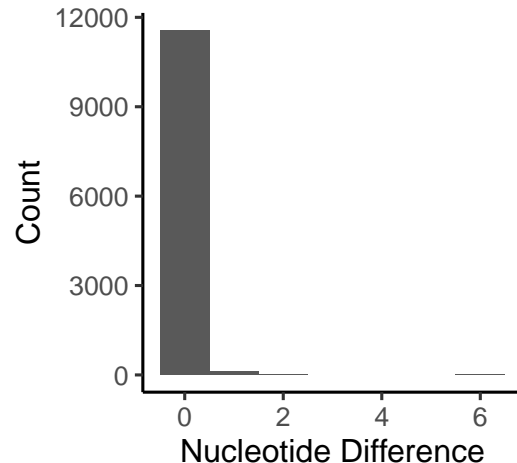
### TRBV2\*ap01

11834 sequences assigned  
11703 (98.9%) exact matches, in which:  
11543 unique CDR3  
14 unique J



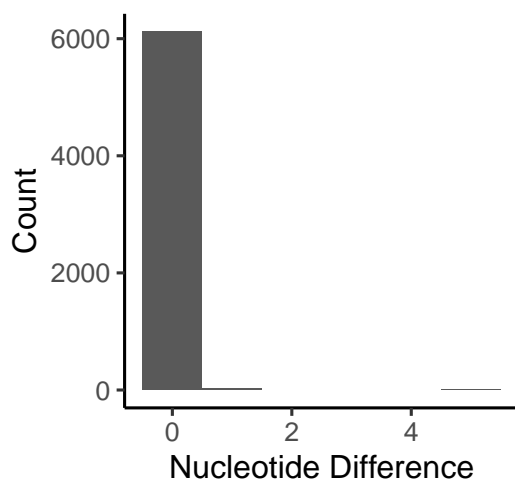
### TRBV28\*ap01

11677 sequences assigned  
11570 (99.1%) exact matches, in which:  
11459 unique CDR3  
13 unique J



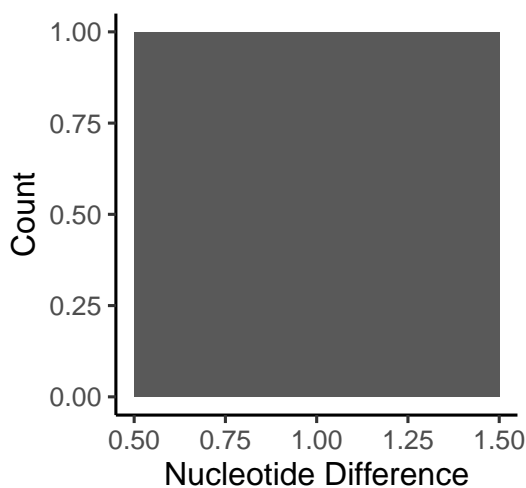
### TRBV18\*ap01

6151 sequences assigned  
6119 (99.5%) exact matches, in which:  
6085 unique CDR3  
13 unique J



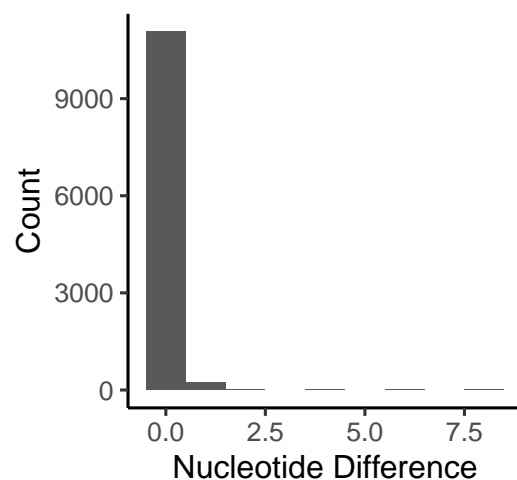
### TRBV26\*ap01

1 sequences assigned  
No exact matches.



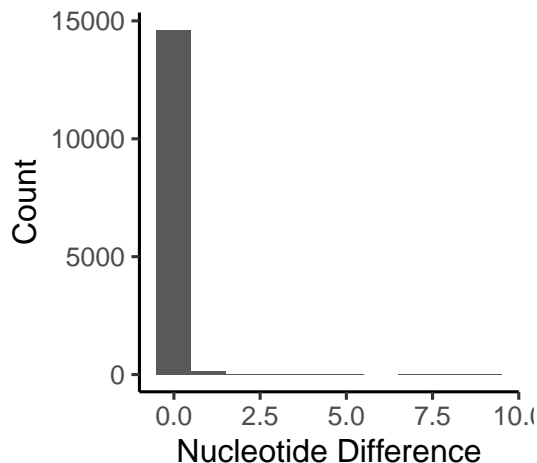
### TRBV30\*ap01

11310 sequences assigned  
11067 (97.9%) exact matches, in which:  
10832 unique CDR3  
13 unique J



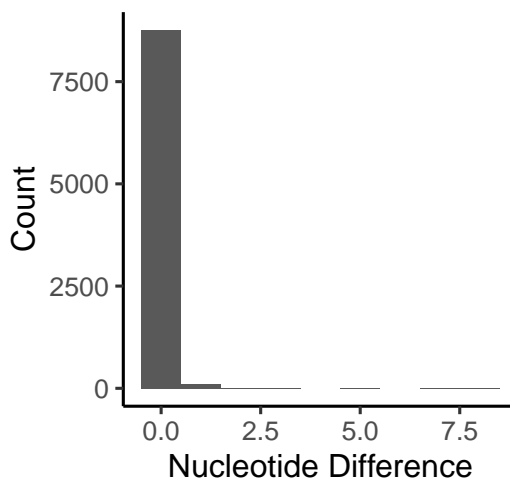
### TRBV19\*ap01

14778 sequences assigned  
14622 (98.9%) exact matches, in which:  
14558 unique CDR3  
13 unique J



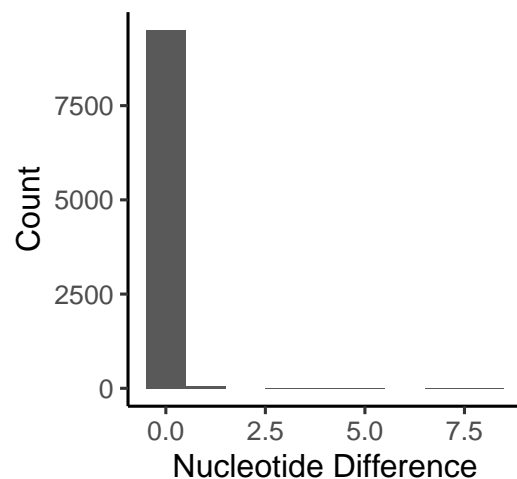
### TRBV27\*ap01

8884 sequences assigned  
8762 (98.6%) exact matches, in which:  
8654 unique CDR3  
13 unique J



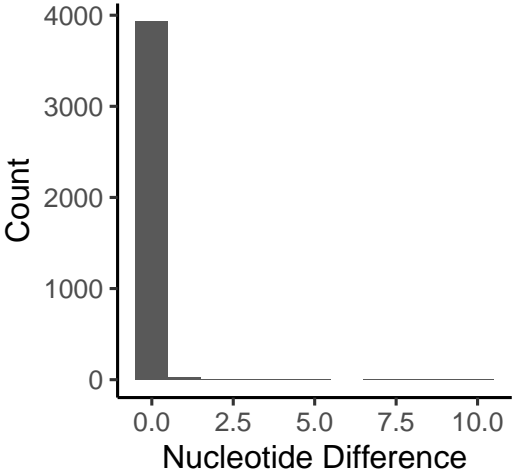
### TRBV9\*ap01

9578 sequences assigned  
9506 (99.2%) exact matches, in which:  
9424 unique CDR3  
13 unique J



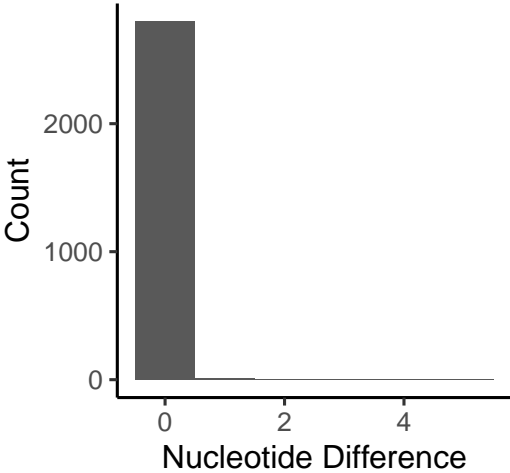
TRBV21-1\*ap01

3984 sequences assigned  
3932 (98.7%) exact matches, in which:  
3905 unique CDR3  
13 unique J



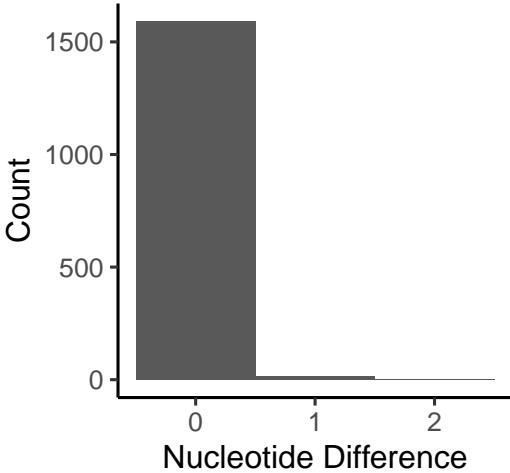
TRBV11-3\*ap01

2819 sequences assigned  
2799 (99.3%) exact matches, in which:  
2784 unique CDR3  
13 unique J



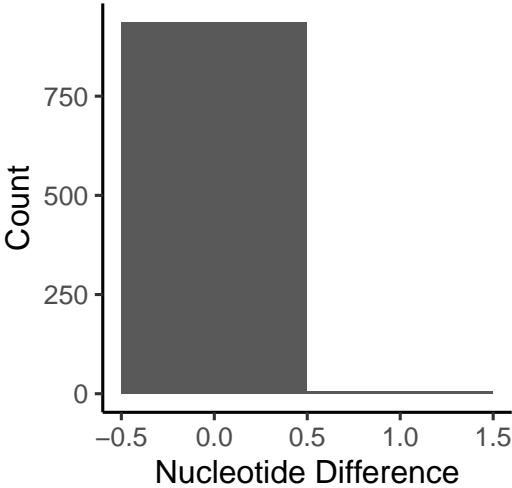
TRBV12-5\*ap01

1606 sequences assigned  
1591 (99.1%) exact matches, in which:  
1576 unique CDR3  
13 unique J



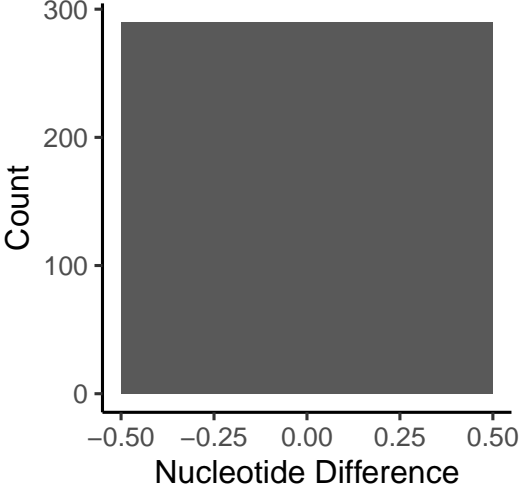
TRBV11-1\*ap01

943 sequences assigned  
937 (99.4%) exact matches, in which:  
928 unique CDR3  
13 unique J



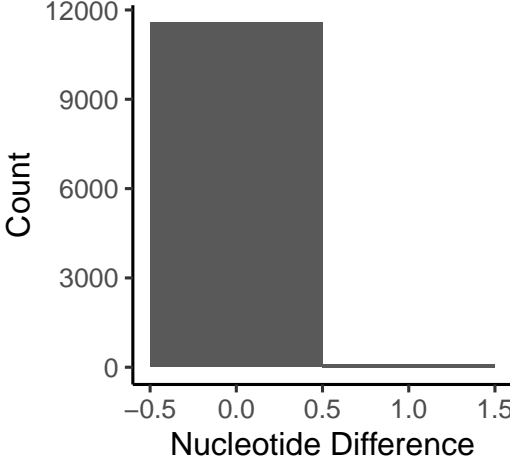
TRBV12-1\*ap01

290 sequences assigned  
290 (100%) exact matches, in which:  
287 unique CDR3  
13 unique J



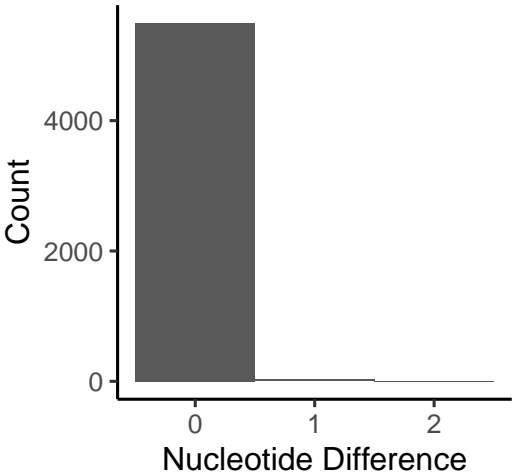
TRBV12-34\*ap01

11693 sequences assigned  
11580 (99%) exact matches, in which:  
11437 unique CDR3  
14 unique J



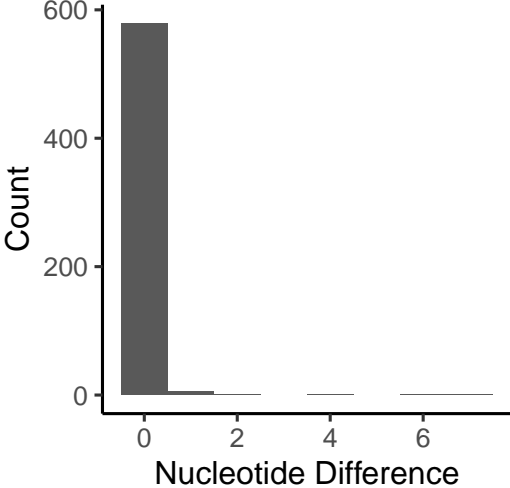
TRBV11-2\*ap01

5528 sequences assigned  
5497 (99.4%) exact matches, in which:  
5451 unique CDR3  
13 unique J



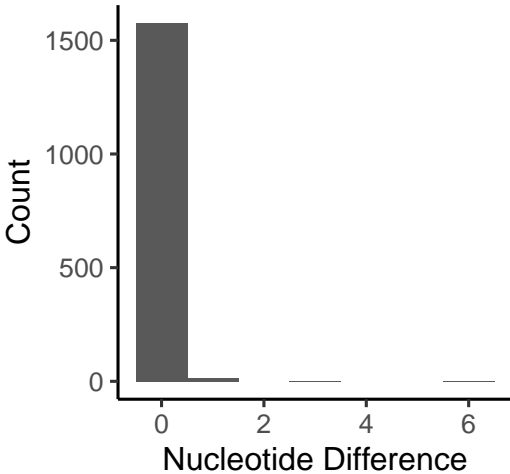
TRBV12-2\*ap01

589 sequences assigned  
579 (98.3%) exact matches, in which:  
577 unique CDR3  
13 unique J



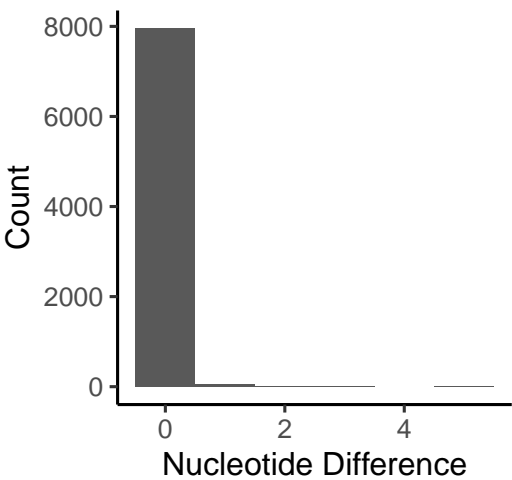
TRBV23-1\*ap01

1594 sequences assigned  
1576 (98.9%) exact matches, in which:  
1568 unique CDR3  
13 unique J



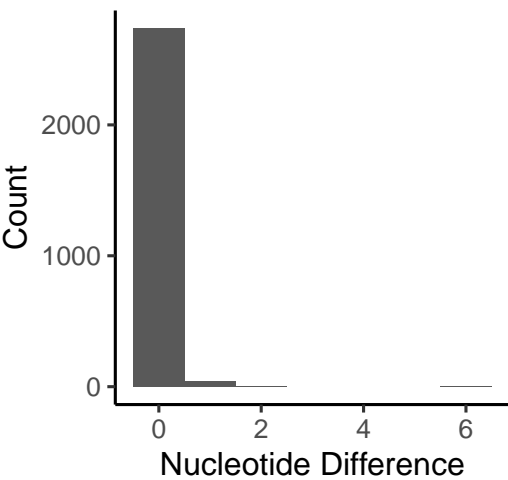
TRBV3-12\*ap01

8024 sequences assigned  
7955 (99.1%) exact matches, in which:  
7904 unique CDR3  
13 unique J



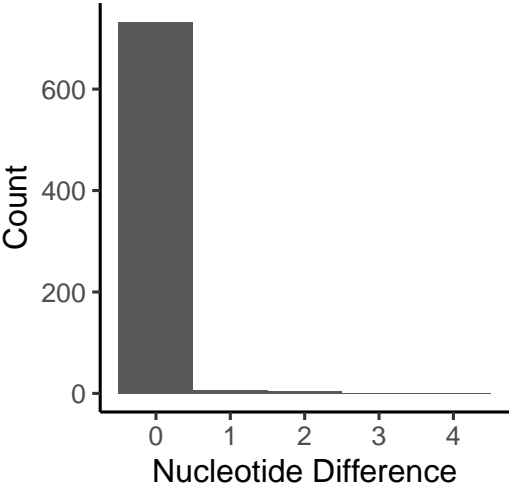
TRBV4-2\*ap01

2783 sequences assigned  
2737 (98.3%) exact matches, in which:  
2695 unique CDR3  
13 unique J



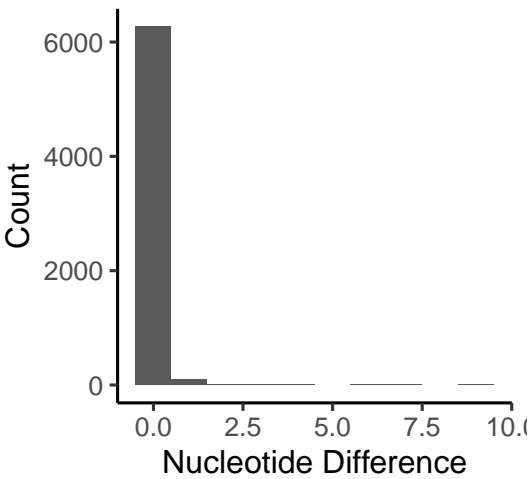
TRBV5-3\*ap01

746 sequences assigned  
733 (98.3%) exact matches, in which:  
725 unique CDR3  
13 unique J



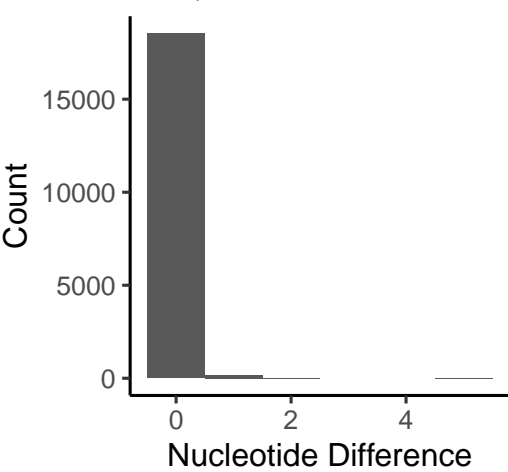
TRBV24-1\*ap01

6371 sequences assigned  
6268 (98.4%) exact matches, in which:  
6178 unique CDR3  
13 unique J



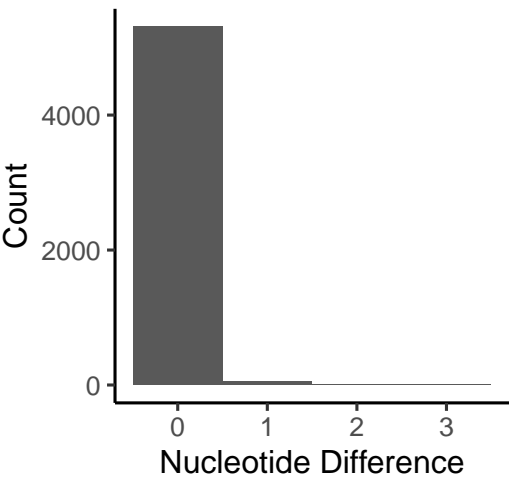
TRBV5-1\*ap01

18705 sequences assigned  
18533 (99.1%) exact matches, in which:  
18259 unique CDR3  
13 unique J



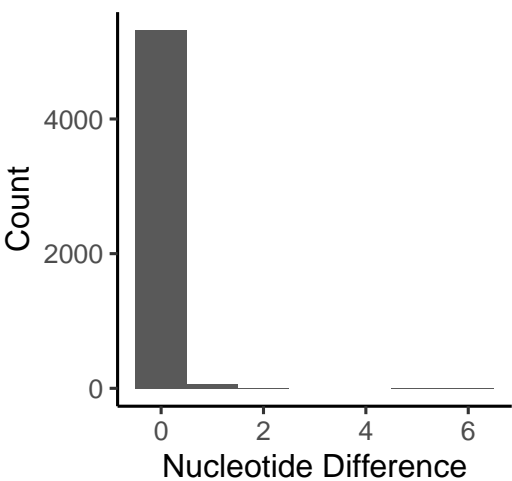
TRBV5-4\*ap01

5366 sequences assigned  
5309 (98.9%) exact matches, in which:  
5241 unique CDR3  
13 unique J



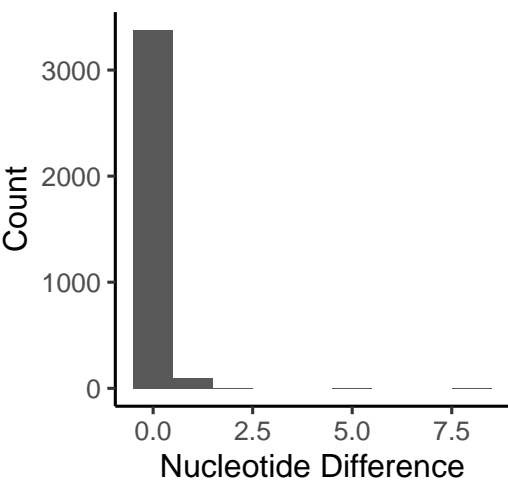
TRBV4-1\*ap01

5393 sequences assigned  
5321 (98.7%) exact matches, in which:  
5243 unique CDR3  
13 unique J



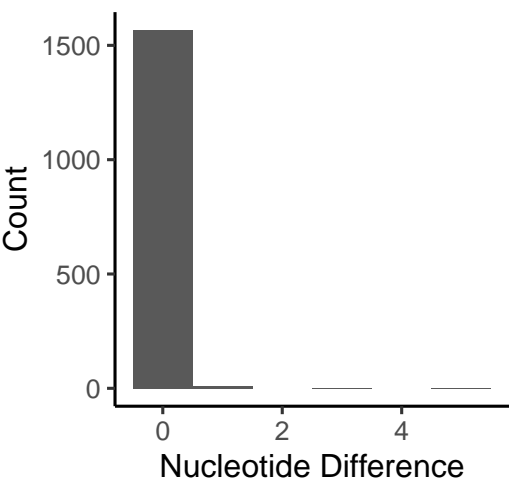
TRBV25-1\*ap01

3479 sequences assigned  
3377 (97.1%) exact matches, in which:  
3306 unique CDR3  
13 unique J



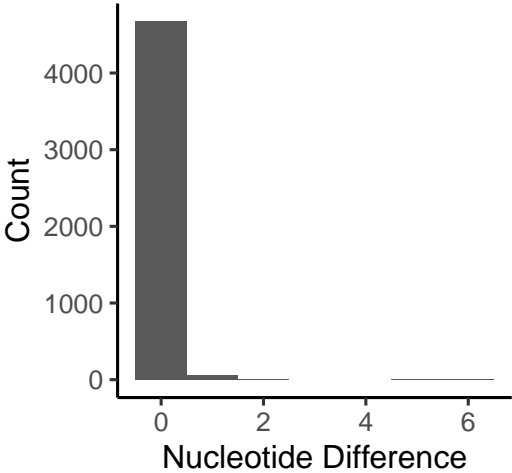
TRBV5-5\*ap01

1578 sequences assigned  
1567 (99.3%) exact matches, in which:  
1559 unique CDR3  
13 unique J



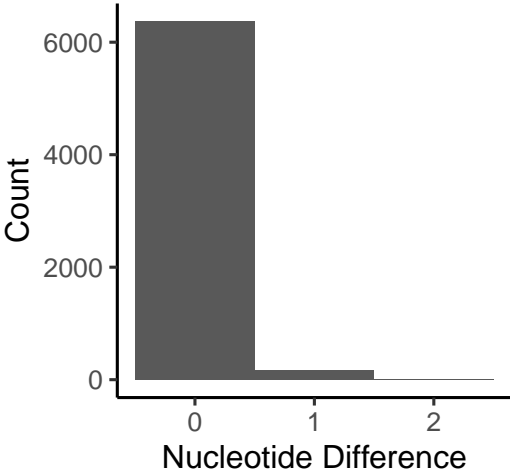
TRBV5-6\*ap01

4737 sequences assigned  
4673 (98.6%) exact matches, in which:  
4580 unique CDR3  
13 unique J



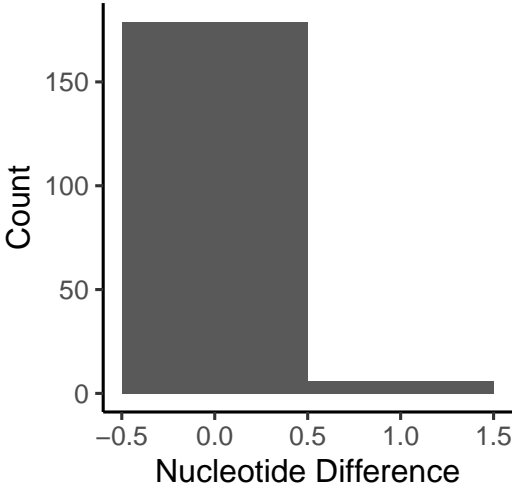
TRBV6-1\*ap01

6540 sequences assigned  
6370 (97.4%) exact matches, in which:  
6257 unique CDR3  
13 unique J



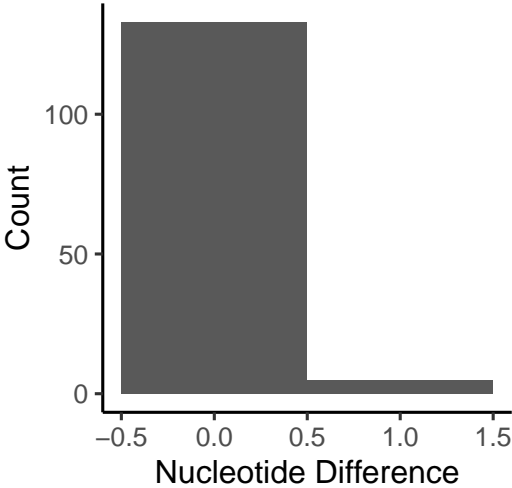
TRBV6-8\*ap01

185 sequences assigned  
179 (96.8%) exact matches, in which:  
178 unique CDR3  
13 unique J



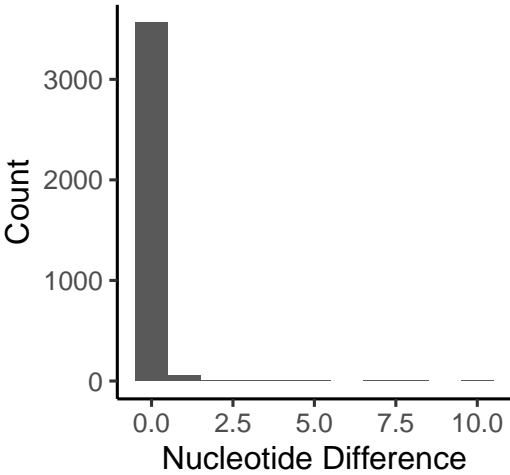
TRBV5-7\*ap01

138 sequences assigned  
133 (96.4%) exact matches, in which:  
129 unique CDR3  
13 unique J



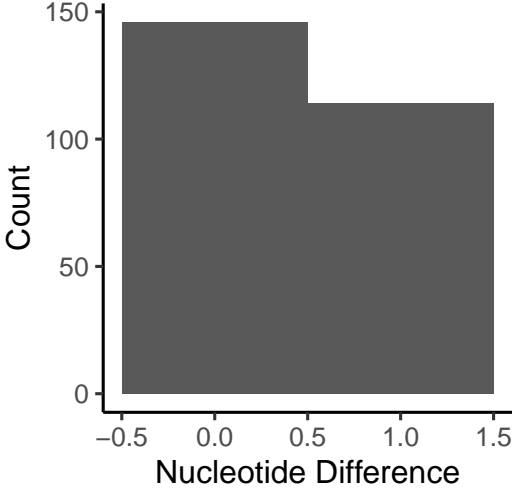
TRBV6-4\*ap01

3630 sequences assigned  
3563 (98.2%) exact matches, in which:  
3524 unique CDR3  
13 unique J



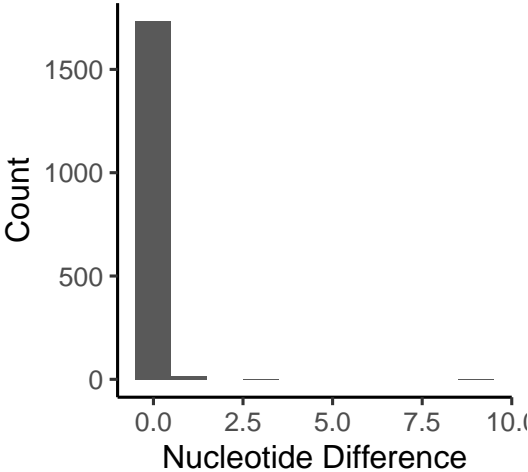
TRBV6-9\*ap01

260 sequences assigned  
146 (56.2%) exact matches, in which:  
145 unique CDR3  
13 unique J



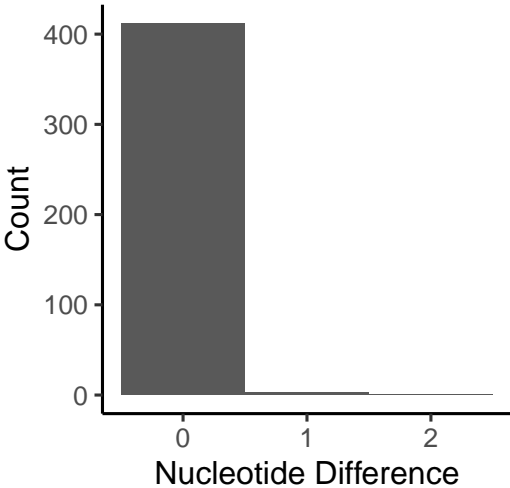
TRBV5-8\*ap01

1753 sequences assigned  
1734 (98.9%) exact matches, in which:  
1718 unique CDR3  
13 unique J



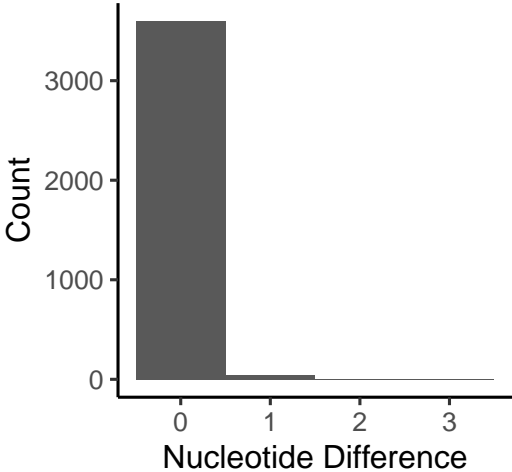
TRBV6-7\*ap01

416 sequences assigned  
412 (99%) exact matches, in which:  
402 unique CDR3  
13 unique J



TRBV6-23\*ap01

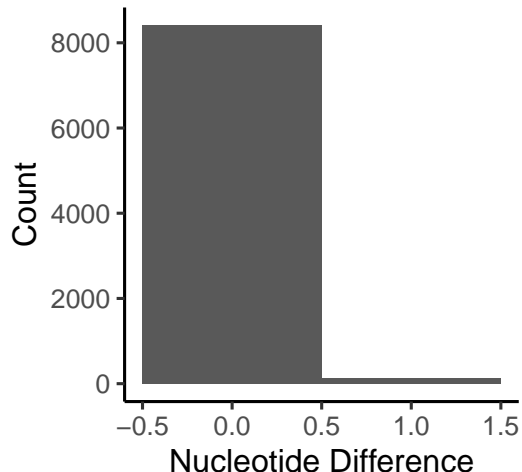
3648 sequences assigned  
3599 (98.7%) exact matches, in which:  
3516 unique CDR3  
13 unique J





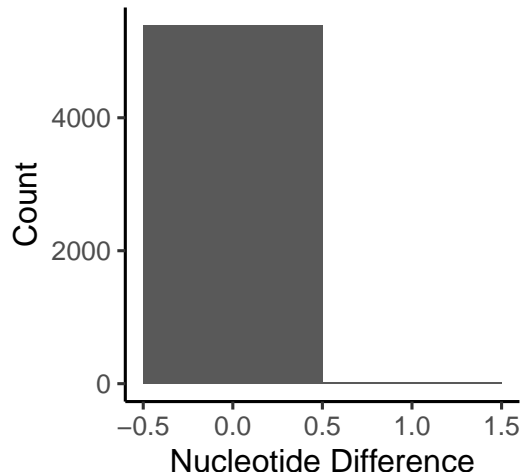
### TRBV6-56\*ap01

8527 sequences assigned  
8408 (98.6%) exact matches, in which:  
8229 unique CDR3  
13 unique J



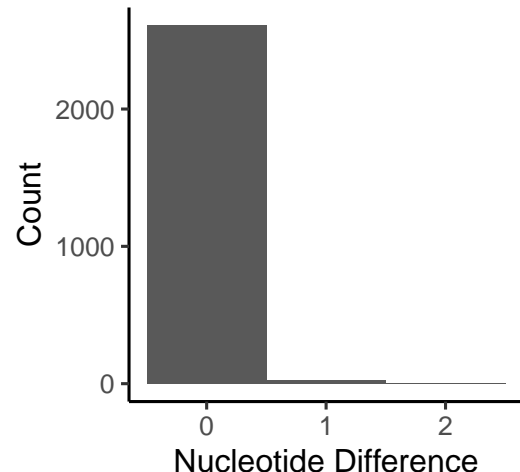
### TRBV7-2\*ap01

5418 sequences assigned  
5389 (99.5%) exact matches, in which:  
5343 unique CDR3  
13 unique J



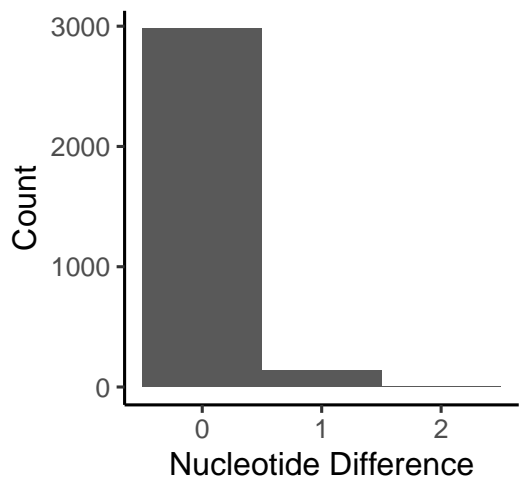
### TRBV7-6\*ap01

2633 sequences assigned  
2609 (99.1%) exact matches, in which:  
2582 unique CDR3  
13 unique J



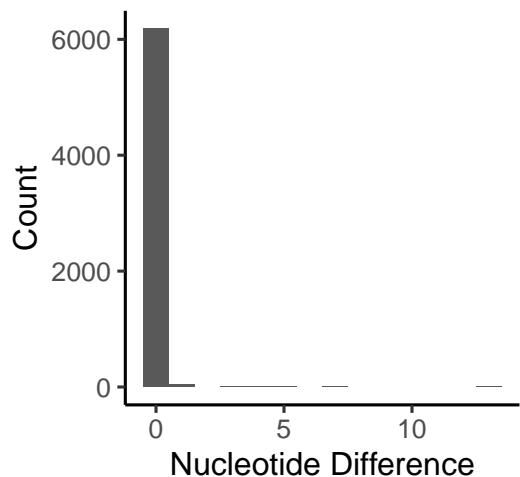
### TRBV6-56\*ap02

3115 sequences assigned  
2979 (95.6%) exact matches, in which:  
2912 unique CDR3  
13 unique J



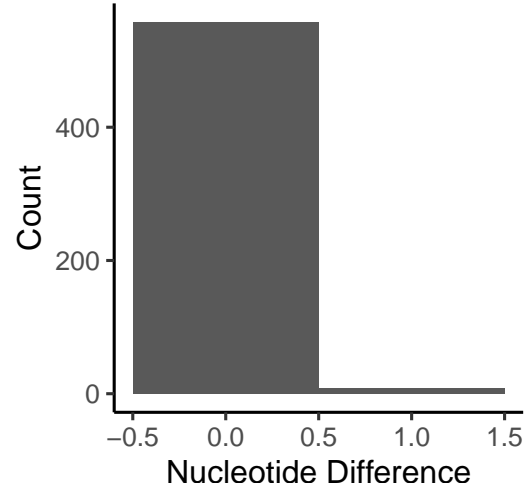
### TRBV7-3\*ap01

6224 sequences assigned  
6183 (99.3%) exact matches, in which:  
6127 unique CDR3  
13 unique J



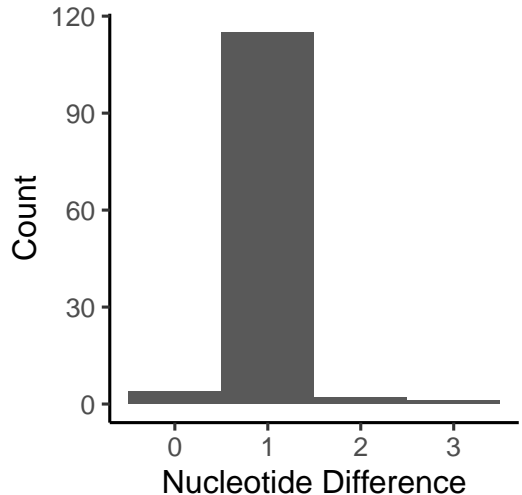
### TRBV7-7\*ap01

566 sequences assigned  
558 (98.6%) exact matches, in which:  
552 unique CDR3  
13 unique J



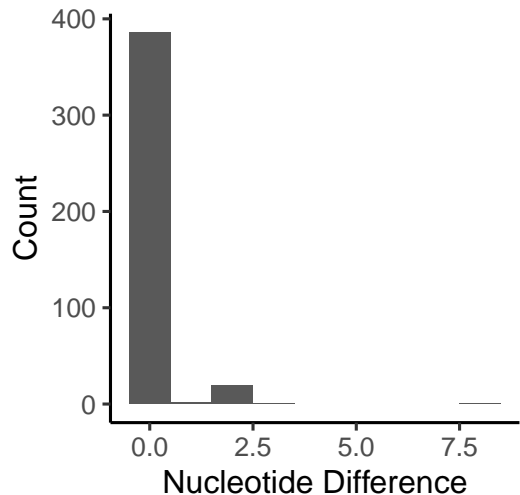
### TRBV7-1\*ap01\_T296C

122 sequences assigned  
4 (3.3%) exact matches, in which:  
4 unique CDR3  
4 unique J



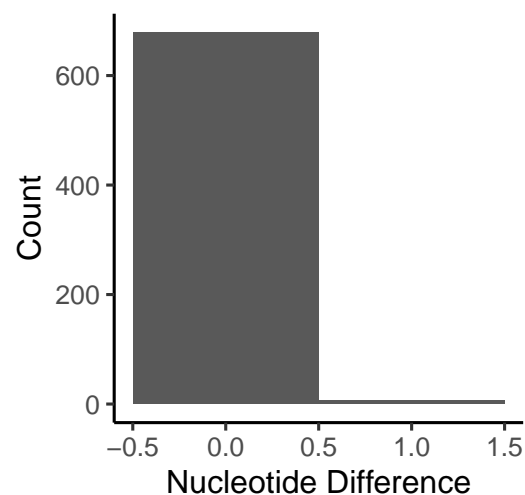
### TRBV7-4\*ap01

409 sequences assigned  
386 (94.4%) exact matches, in which:  
383 unique CDR3  
13 unique J



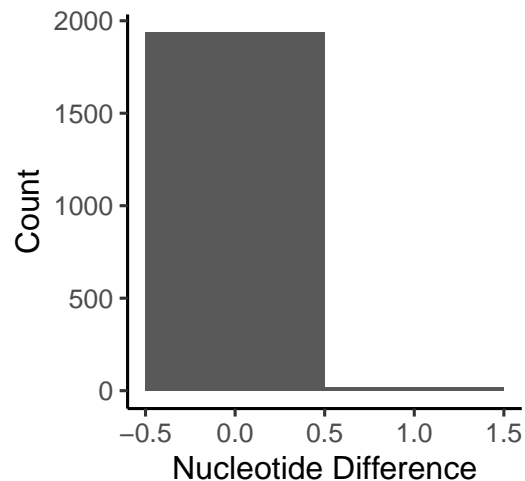
### TRBV7-7\*ap01\_C315T

685 sequences assigned  
679 (99.1%) exact matches, in which:  
674 unique CDR3  
13 unique J



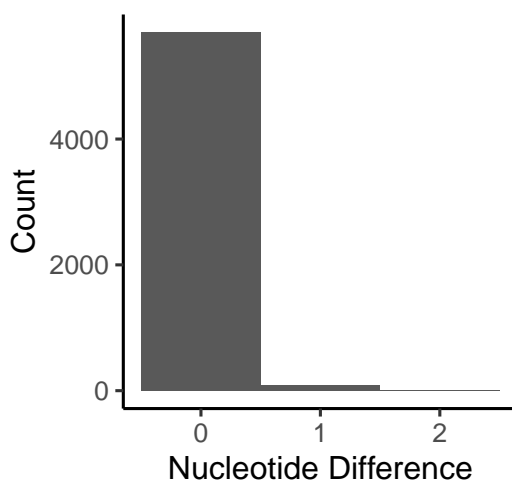
### TRBV7-8\*ap01

1955 sequences assigned  
1937 (99.1%) exact matches, in which:  
1922 unique CDR3  
13 unique J



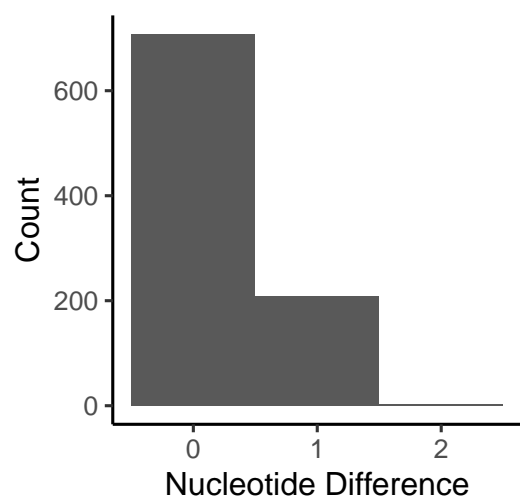
### TRBV29-1\*ap01

5793 sequences assigned  
5695 (98.3%) exact matches, in which:  
5553 unique CDR3  
13 unique J



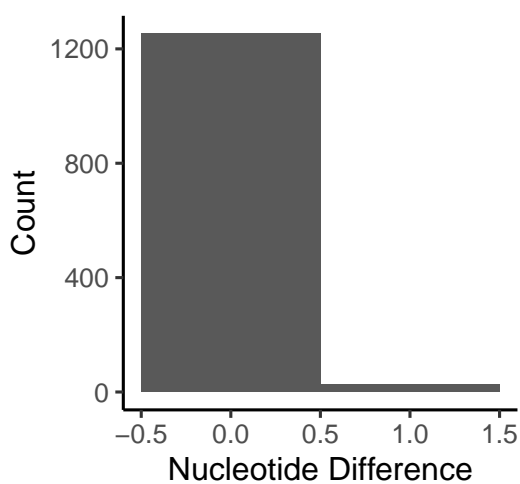
### TRBV7-8\*ap03

919 sequences assigned  
708 (77%) exact matches, in which:  
702 unique CDR3  
13 unique J



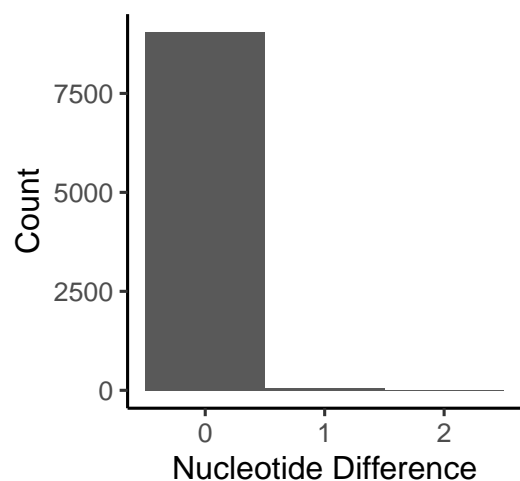
### TRBV29-1\*ap02

1280 sequences assigned  
1253 (97.9%) exact matches, in which:  
1231 unique CDR3  
13 unique J

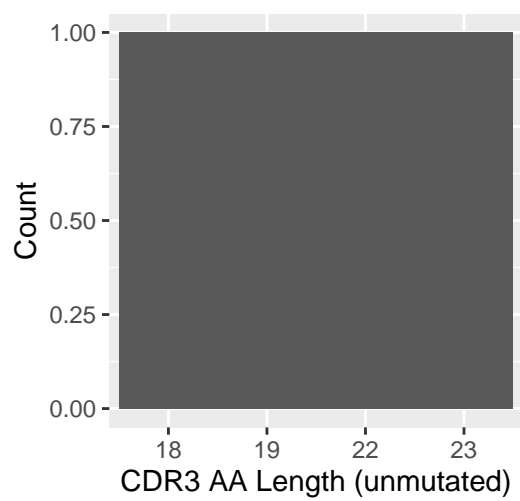


### TRBV7-9\*ap01

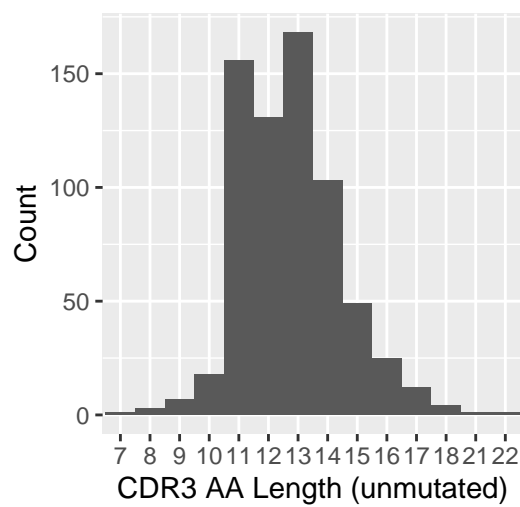
9102 sequences assigned  
9050 (99.4%) exact matches, in which:  
8949 unique CDR3  
13 unique J



TRBV7-1\*ap01\_T296C



TRBV7-7\*ap01\_C315T





[illegible]