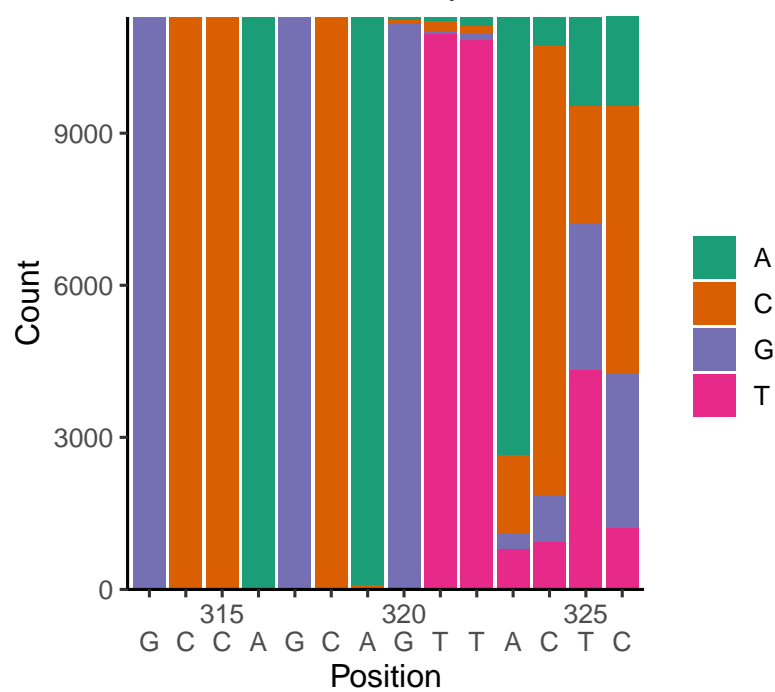
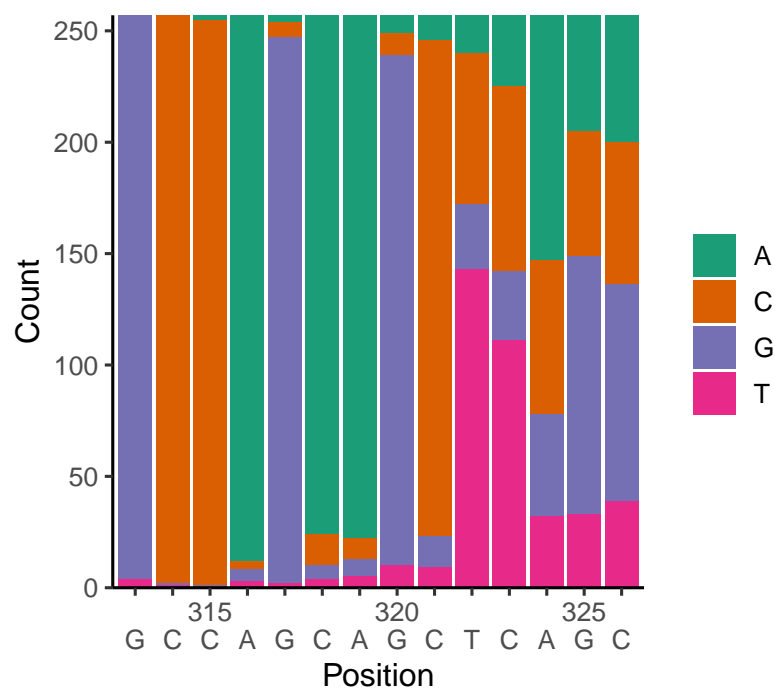


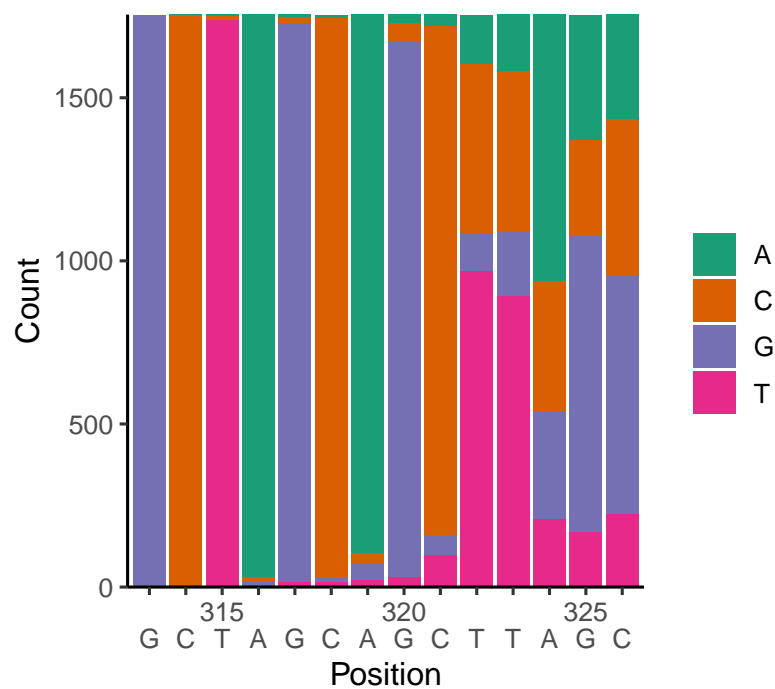
Gene TRBV6-56\*ap01\_327326



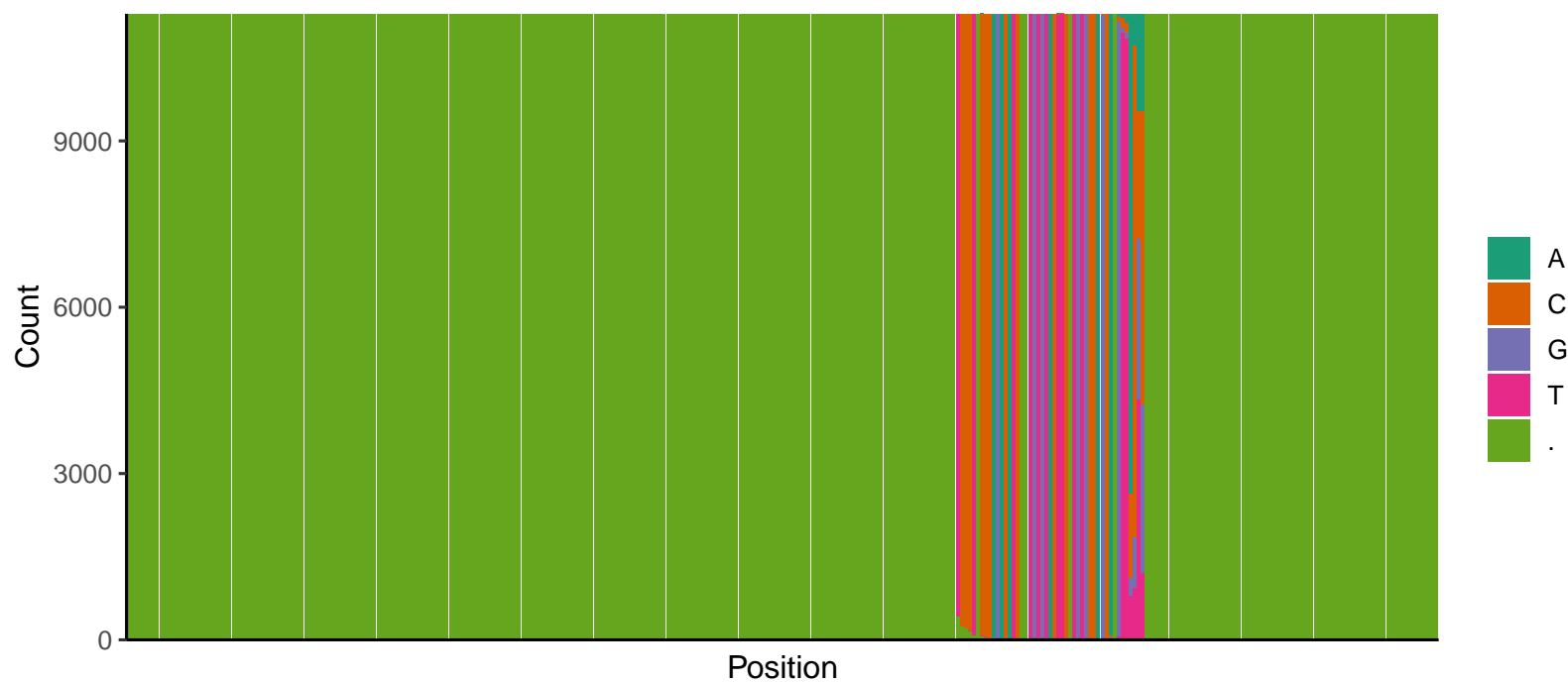
Gene TRBV7-1\*ap01\_G291C\_T296C



Gene TRBV7-7\*ap01\_C315T



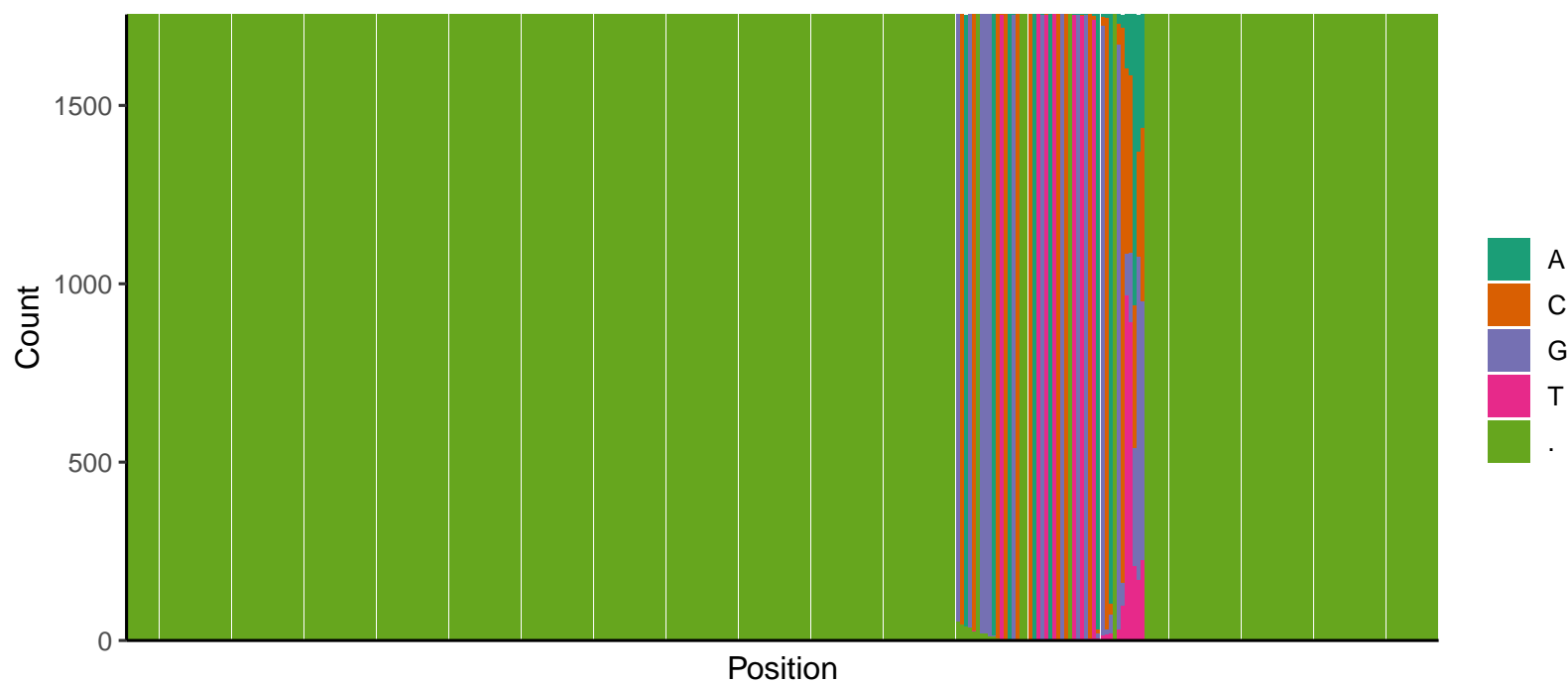
Gene TRBV6-56\*ap01\_327326



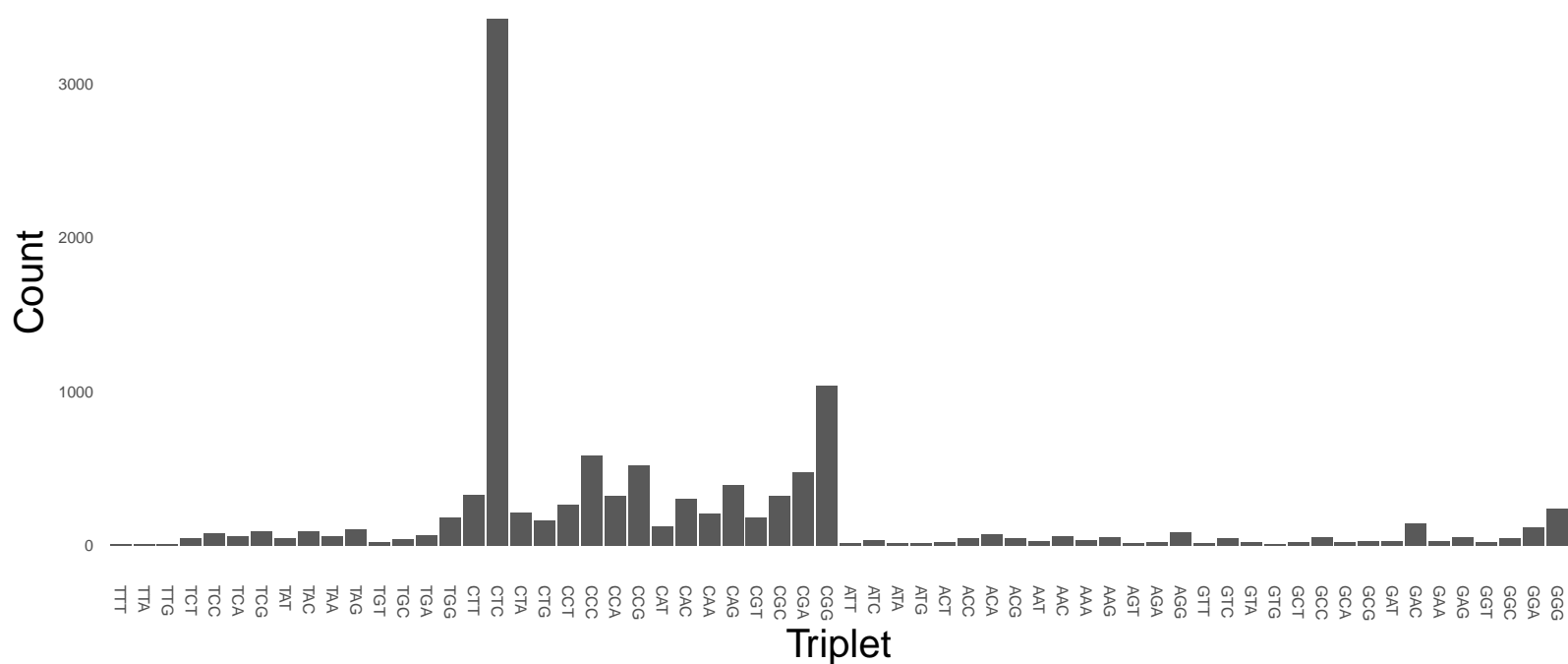
Gene TRBV7-1\*ap01\_G291C\_T296C



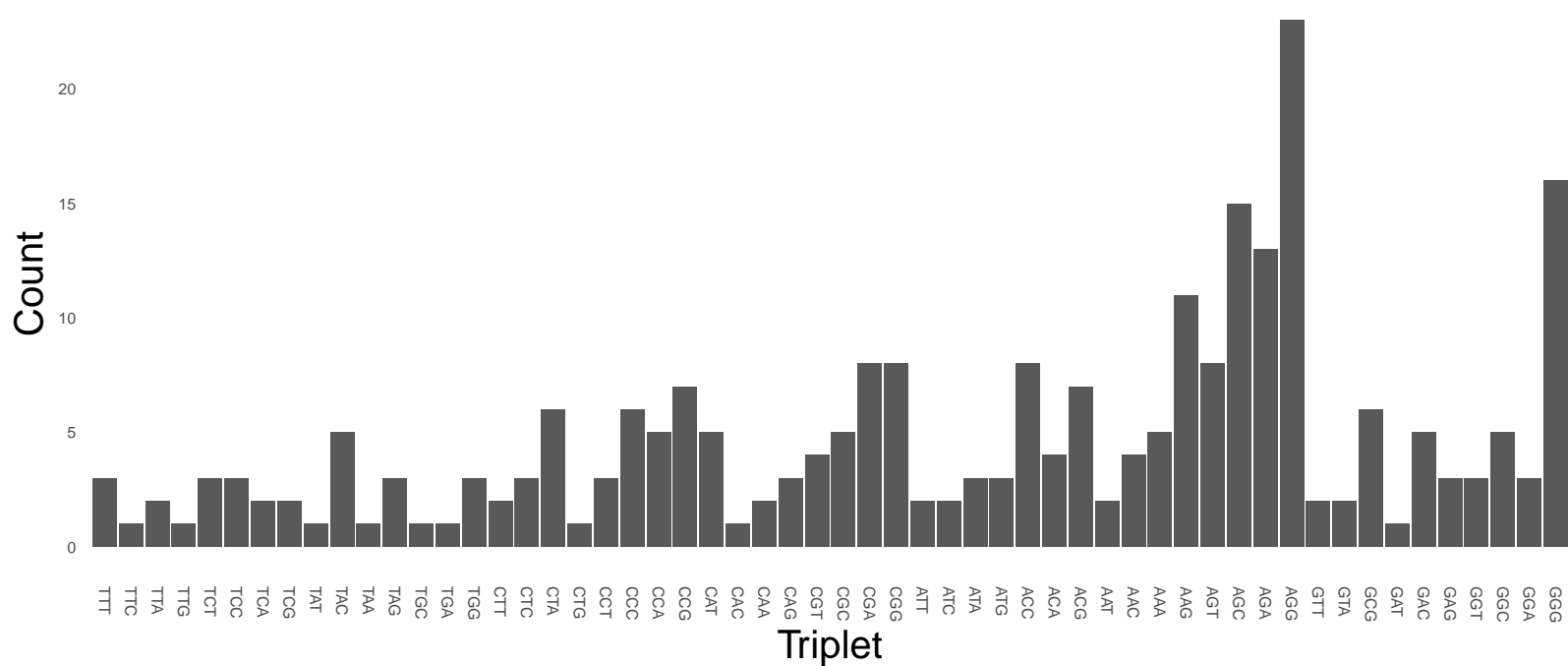
Gene TRBV7-7\*ap01\_C315T



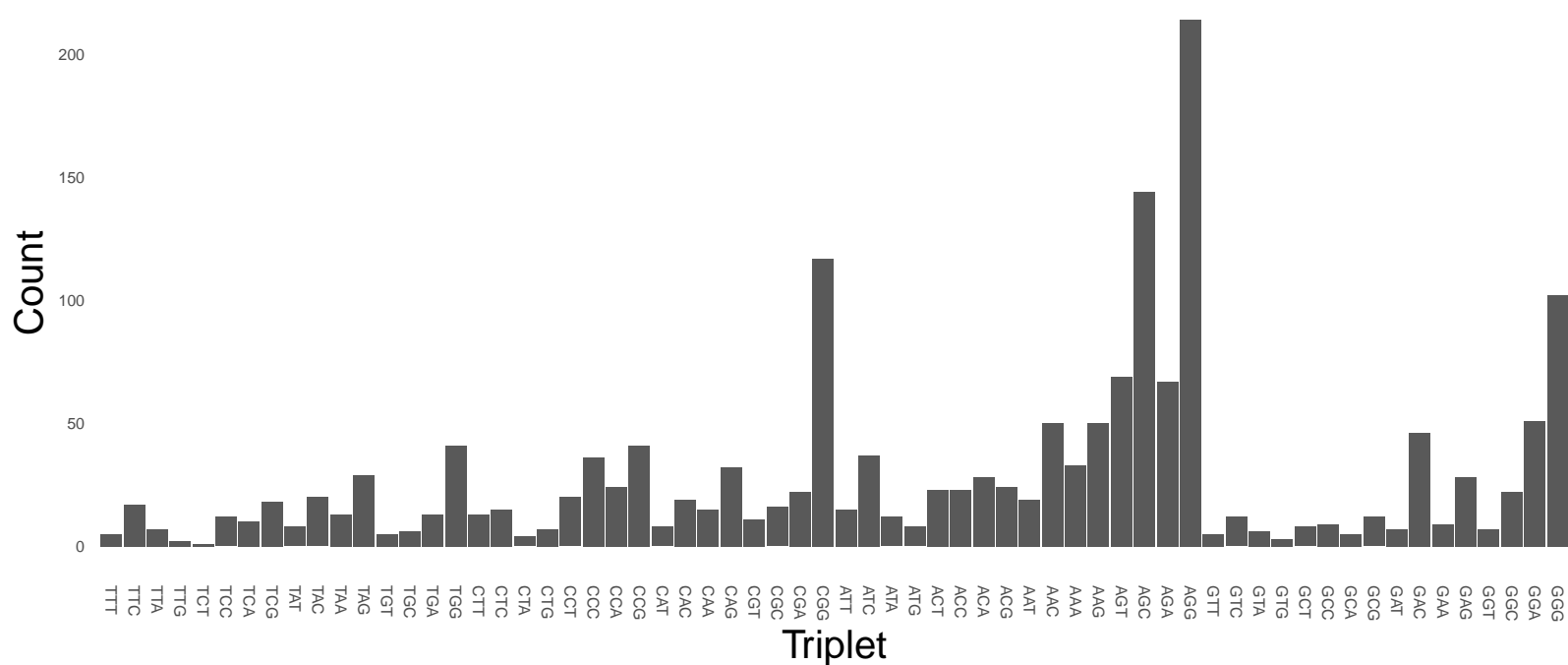
TRBV6–56\*ap01\_327326– Final 3 nucleotides as a triplet



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

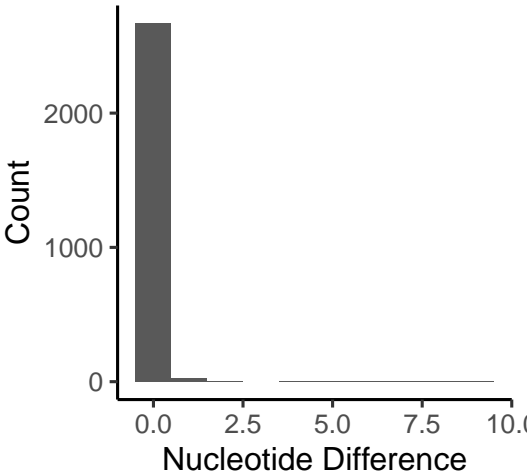


TRBV7–7\*ap01\_C315T– Final 3 nucleotides as a triplet



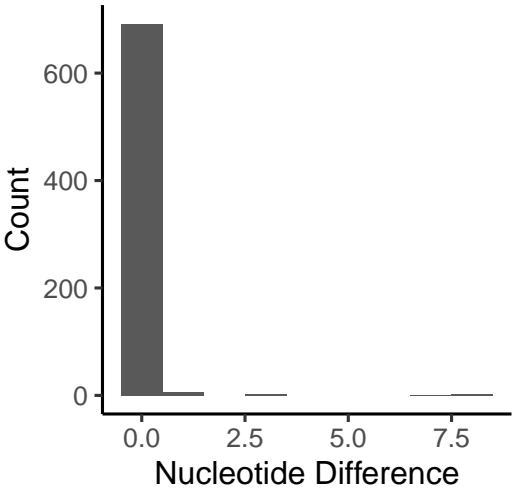
TRBV10-1\*ap01

2701 sequences assigned  
2668 (98.8%) exact matches, in which:  
2601 unique CDR3  
13 unique J



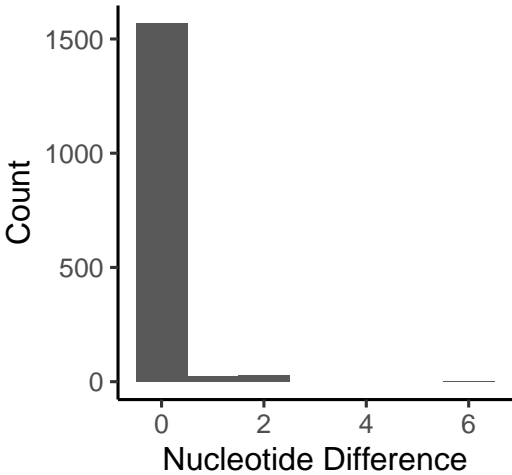
TRBV10-2\*ap01

703 sequences assigned  
692 (98.4%) exact matches, in which:  
679 unique CDR3  
13 unique J



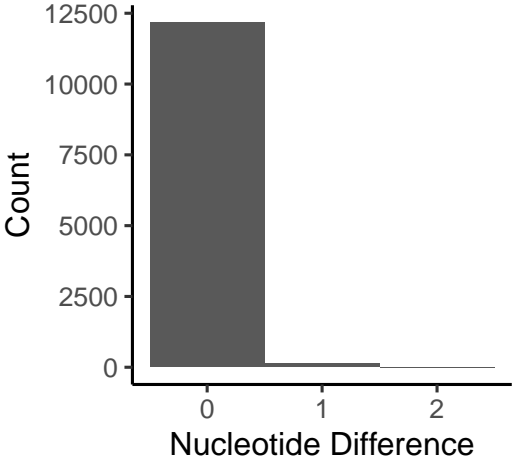
TRBV13\*ap01

1623 sequences assigned  
1568 (96.6%) exact matches, in which:  
1521 unique CDR3  
13 unique J



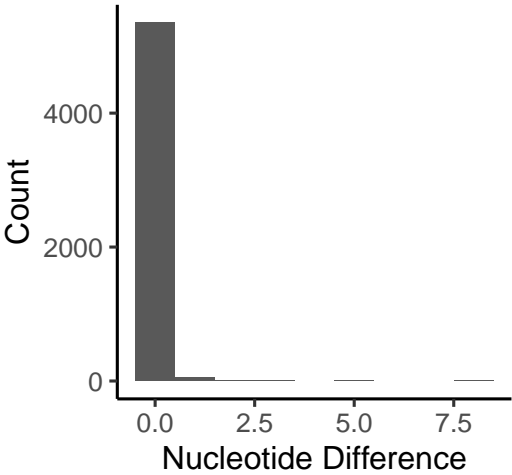
TRBV20-1\*ap01

12308 sequences assigned  
12174 (98.9%) exact matches, in which:  
11992 unique CDR3  
13 unique J



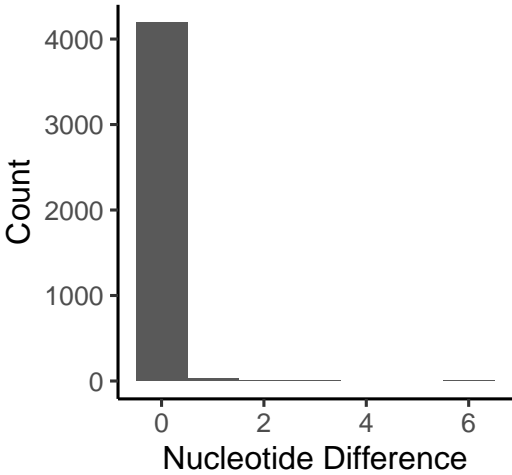
TRBV10-3\*ap01

5409 sequences assigned  
5350 (98.9%) exact matches, in which:  
5224 unique CDR3  
14 unique J



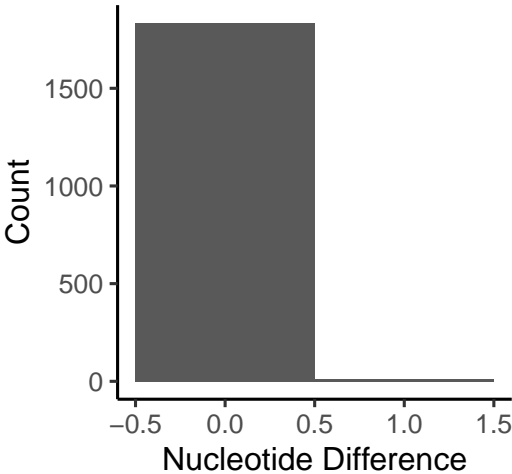
TRBV14\*ap01

4229 sequences assigned  
4191 (99.1%) exact matches, in which:  
4106 unique CDR3  
13 unique J



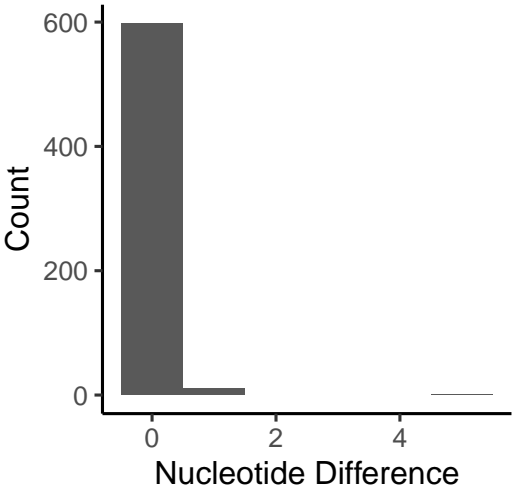
TRBV20-1\*ap02

1847 sequences assigned  
1834 (99.3%) exact matches, in which:  
1811 unique CDR3  
13 unique J



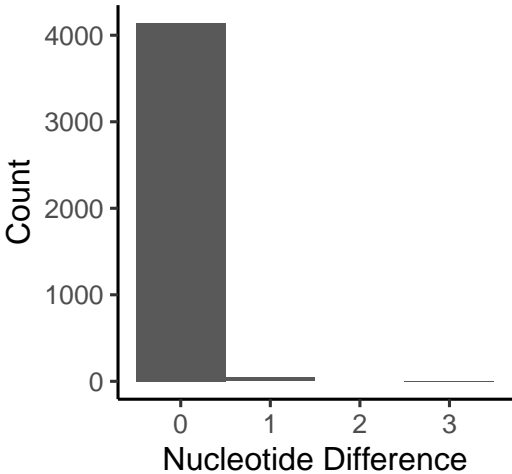
TRBV1\*ap01

610 sequences assigned  
598 (98%) exact matches, in which:  
587 unique CDR3  
13 unique J



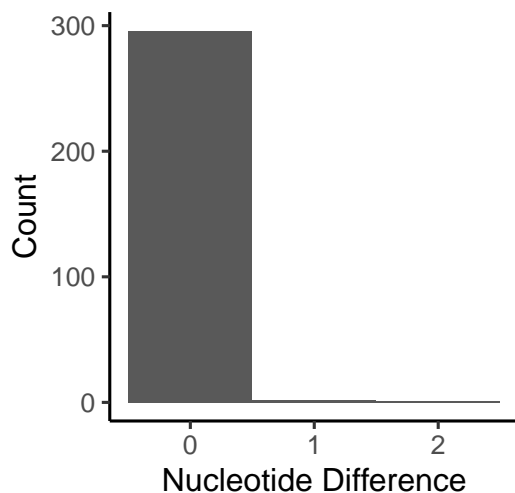
TRBV15\*ap02

4185 sequences assigned  
4141 (98.9%) exact matches, in which:  
4040 unique CDR3  
13 unique J



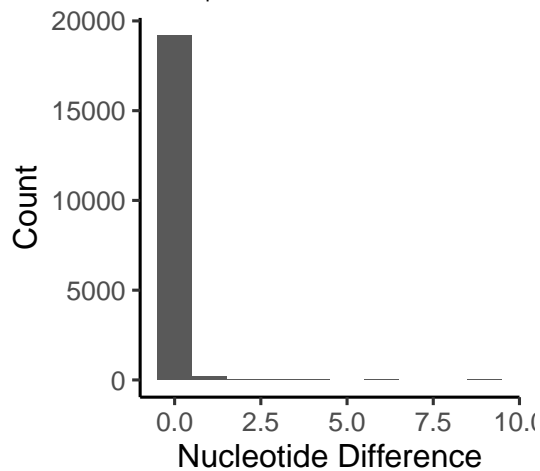
### TRBV16\*ap01

299 sequences assigned  
296 (99%) exact matches, in which:  
292 unique CDR3  
13 unique J



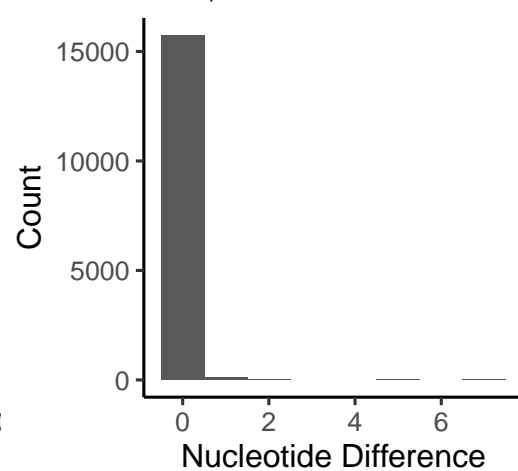
### TRBV19\*ap01

19399 sequences assigned  
19207 (99%) exact matches, in which:  
18988 unique CDR3  
13 unique J



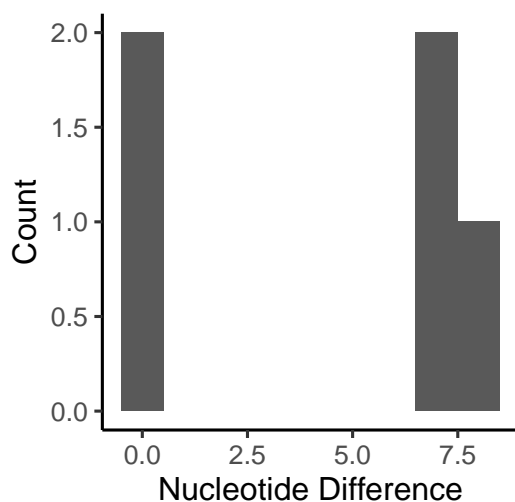
### TRBV28\*ap01

15872 sequences assigned  
15745 (99.2%) exact matches, in which:  
15420 unique CDR3  
13 unique J



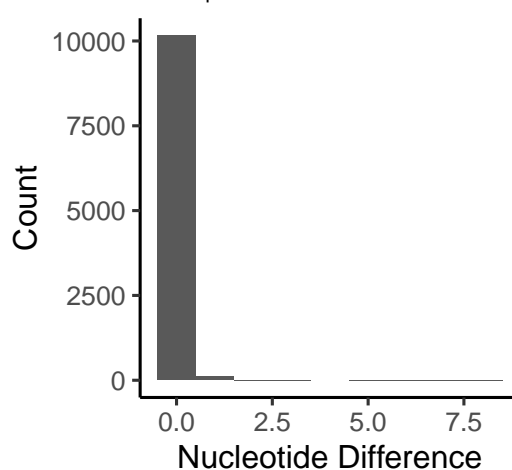
### TRBV17\*ap01

5 sequences assigned  
2 (40%) exact matches, in which:  
2 unique CDR3  
2 unique J



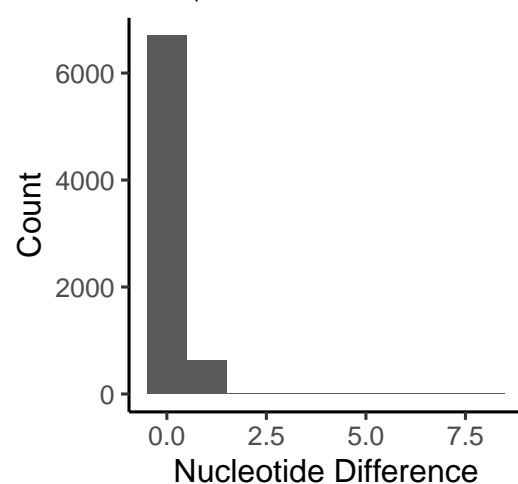
### TRBV2\*ap01

10277 sequences assigned  
10162 (98.9%) exact matches, in which:  
9933 unique CDR3  
13 unique J



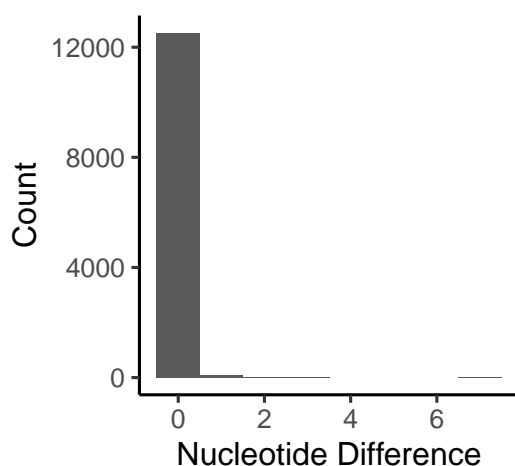
### TRBV30\*ap01

7350 sequences assigned  
6698 (91.1%) exact matches, in which:  
6556 unique CDR3  
13 unique J



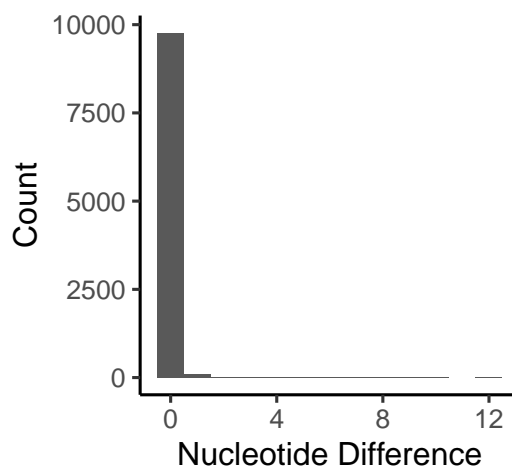
### TRBV18\*ap01

12606 sequences assigned  
12524 (99.3%) exact matches, in which:  
12369 unique CDR3  
13 unique J



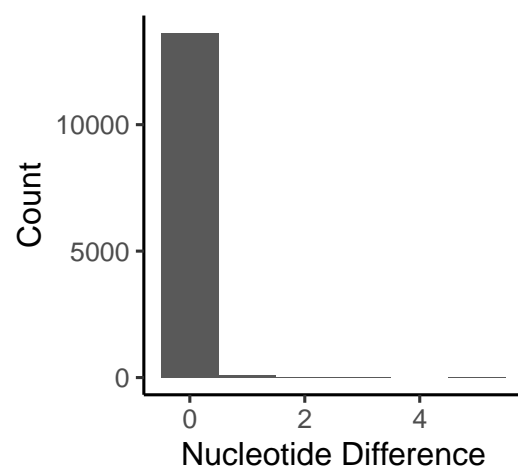
### TRBV27\*ap01

9882 sequences assigned  
9770 (98.9%) exact matches, in which:  
9538 unique CDR3  
13 unique J



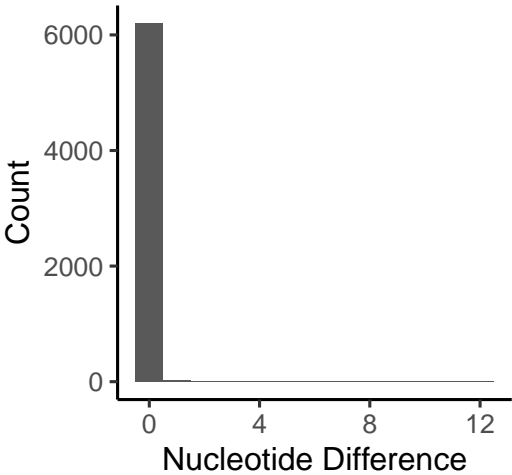
### TRBV9\*ap01

13751 sequences assigned  
13633 (99.1%) exact matches, in which:  
13420 unique CDR3  
13 unique J



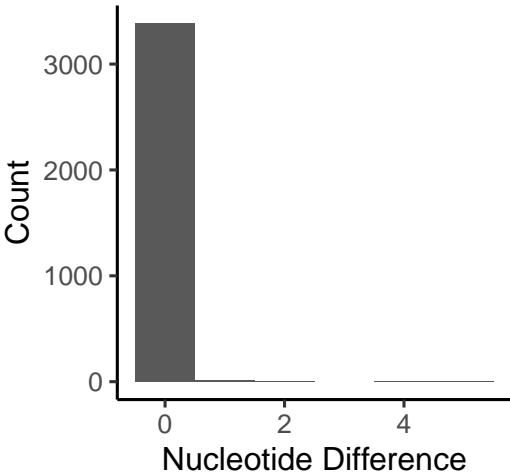
TRBV21-1\*ap01

6284 sequences assigned  
6199 (98.6%) exact matches, in which:  
6123 unique CDR3  
13 unique J



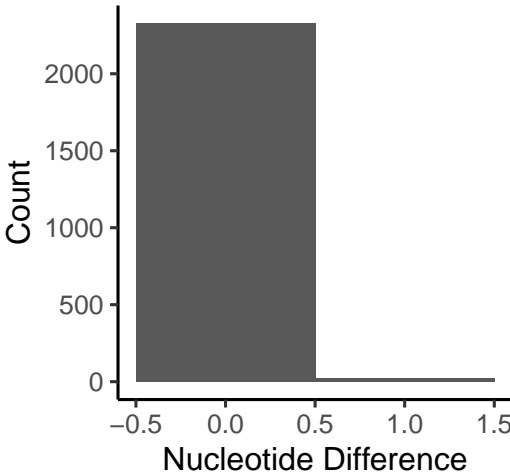
TRBV11-3\*ap01

3400 sequences assigned  
3384 (99.5%) exact matches, in which:  
3353 unique CDR3  
13 unique J



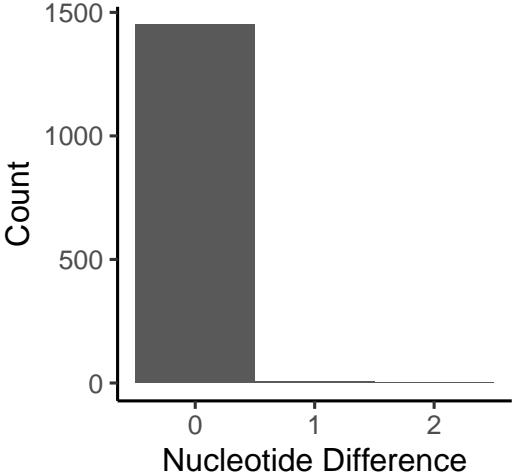
TRBV12-5\*ap01

2348 sequences assigned  
2327 (99.1%) exact matches, in which:  
2293 unique CDR3  
13 unique J



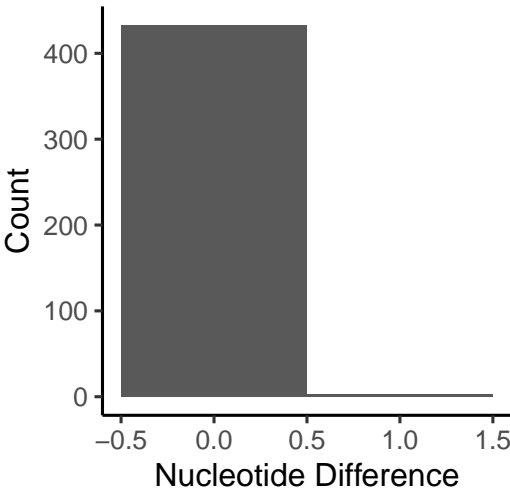
TRBV11-1\*ap01

1457 sequences assigned  
1450 (99.5%) exact matches, in which:  
1435 unique CDR3  
13 unique J



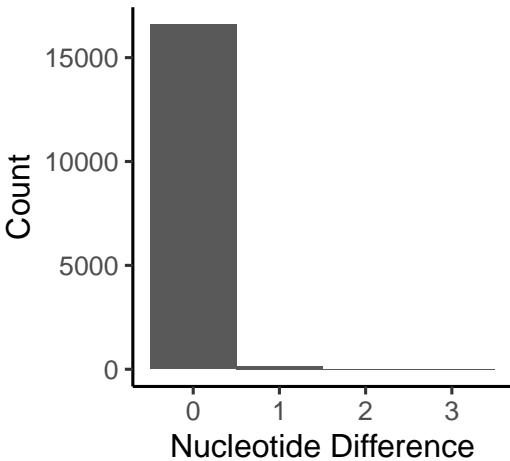
TRBV12-1\*ap01

436 sequences assigned  
433 (99.3%) exact matches, in which:  
426 unique CDR3  
13 unique J



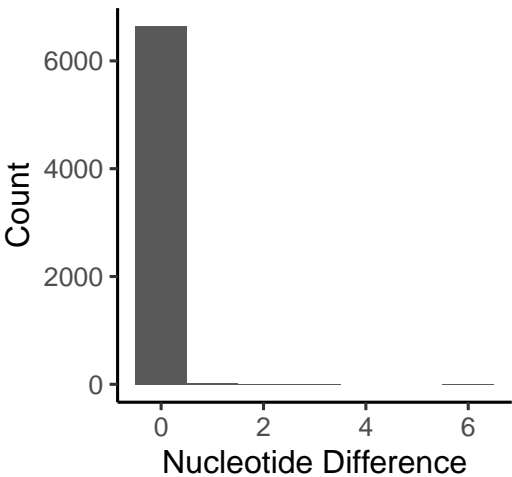
TRBV12-34\*ap01

16774 sequences assigned  
16596 (98.9%) exact matches, in which:  
16268 unique CDR3  
13 unique J



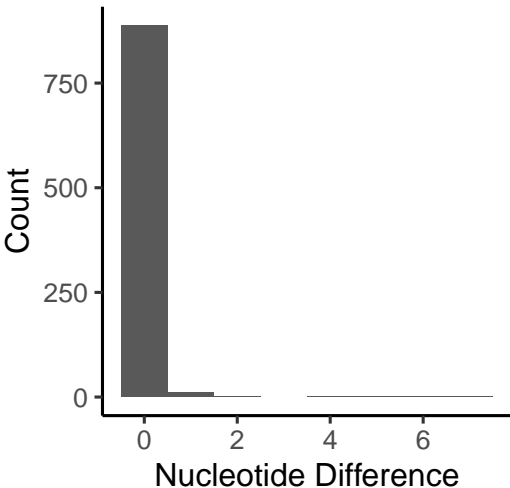
TRBV11-2\*ap01

6673 sequences assigned  
6646 (99.6%) exact matches, in which:  
6579 unique CDR3  
13 unique J



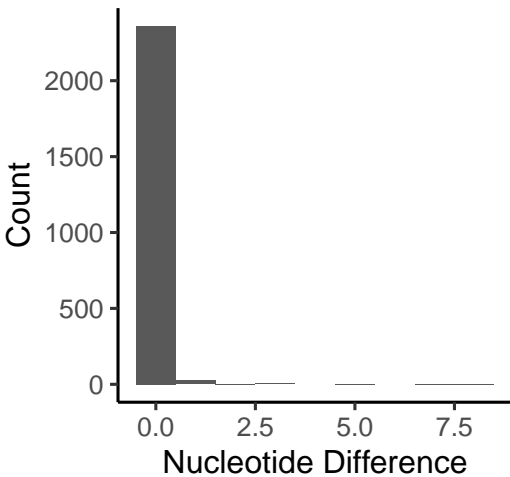
TRBV12-2\*ap01

905 sequences assigned  
888 (98.1%) exact matches, in which:  
871 unique CDR3  
13 unique J



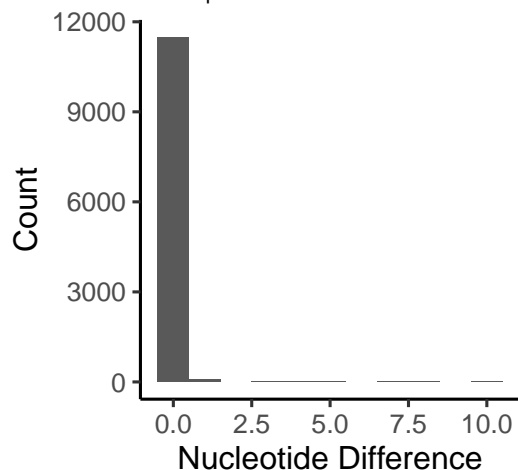
TRBV23-1\*ap01

2395 sequences assigned  
2360 (98.5%) exact matches, in which:  
2315 unique CDR3  
13 unique J



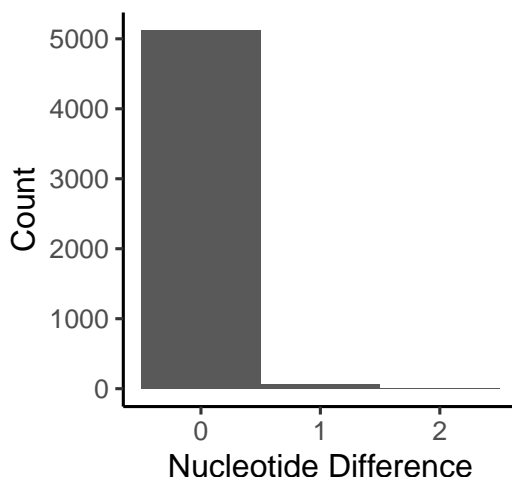
### TRBV3–12\*ap01

11586 sequences assigned  
11488 (99.2%) exact matches, in which:  
11326 unique CDR3  
13 unique J



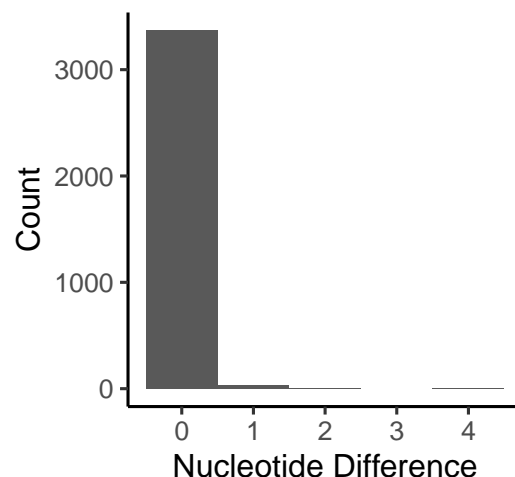
### TRBV4–2\*ap01

5185 sequences assigned  
5120 (98.7%) exact matches, in which:  
4995 unique CDR3  
13 unique J



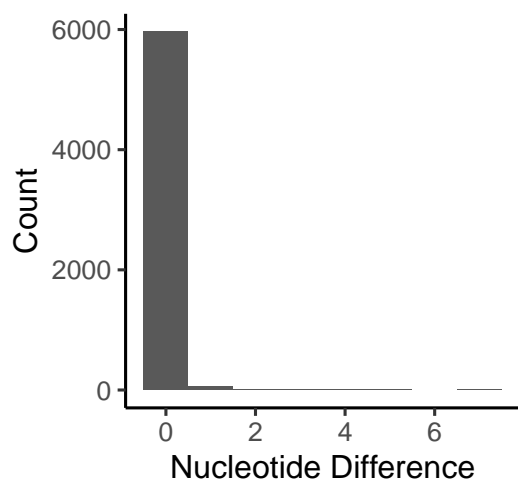
### TRBV25–1\*ap01

3407 sequences assigned  
3369 (98.9%) exact matches, in which:  
3288 unique CDR3  
13 unique J



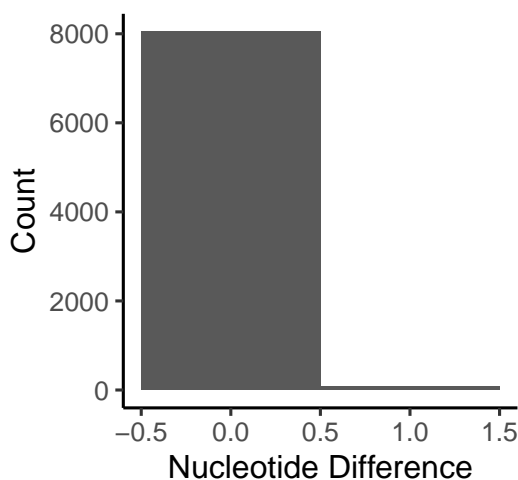
### TRBV4–1\*ap01

6028 sequences assigned  
5963 (98.9%) exact matches, in which:  
5825 unique CDR3  
13 unique J



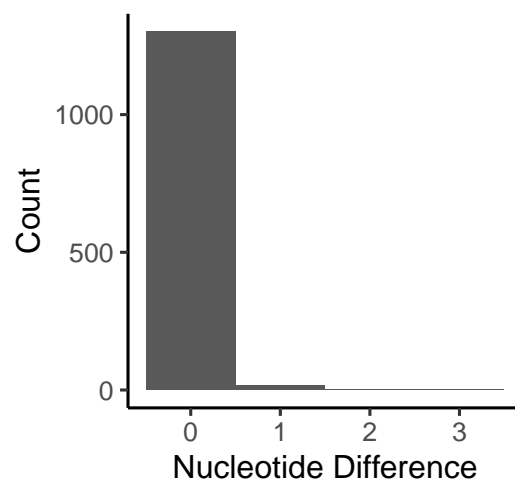
### TRBV4–3\*ap01

8135 sequences assigned  
8046 (98.9%) exact matches, in which:  
7867 unique CDR3  
13 unique J



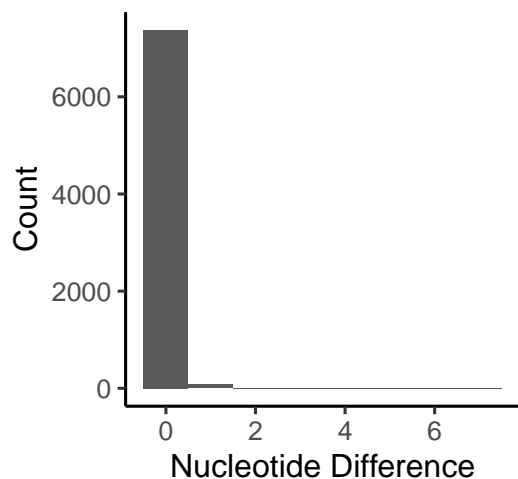
### TRBV5–3\*ap01

1322 sequences assigned  
1301 (98.4%) exact matches, in which:  
1271 unique CDR3  
13 unique J



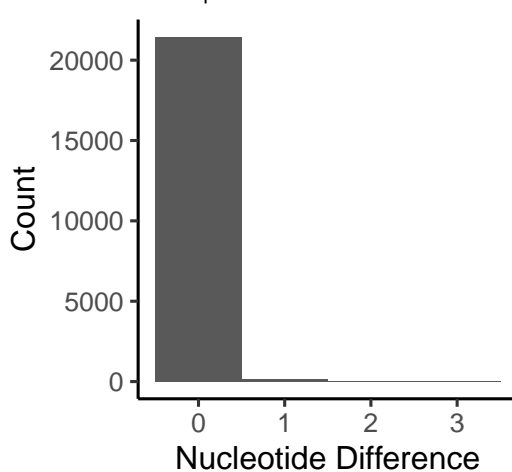
### TRBV24–1\*ap01

7466 sequences assigned  
7374 (98.8%) exact matches, in which:  
7200 unique CDR3  
13 unique J



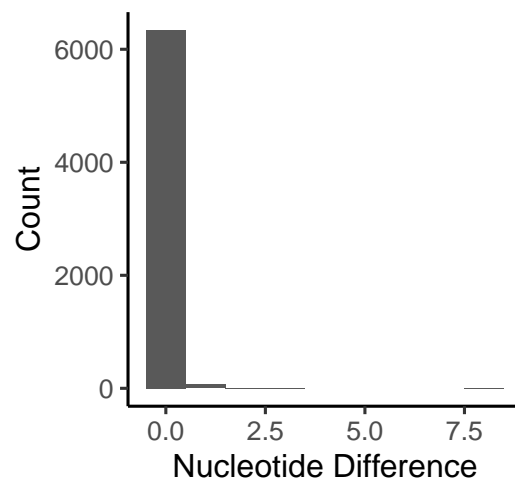
### TRBV5–1\*ap01

21645 sequences assigned  
21454 (99.1%) exact matches, in which:  
20867 unique CDR3  
13 unique J



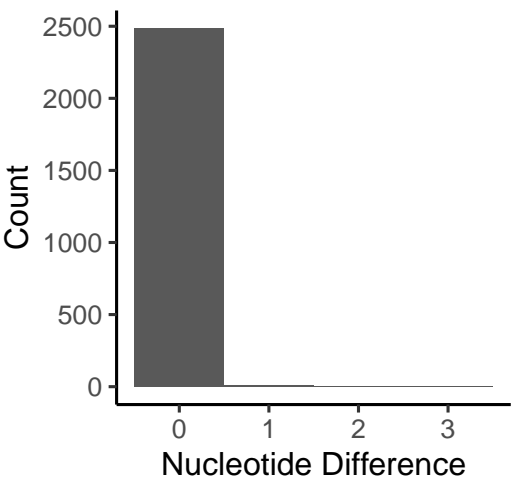
### TRBV5–4\*ap01

6414 sequences assigned  
6340 (98.8%) exact matches, in which:  
6179 unique CDR3  
13 unique J



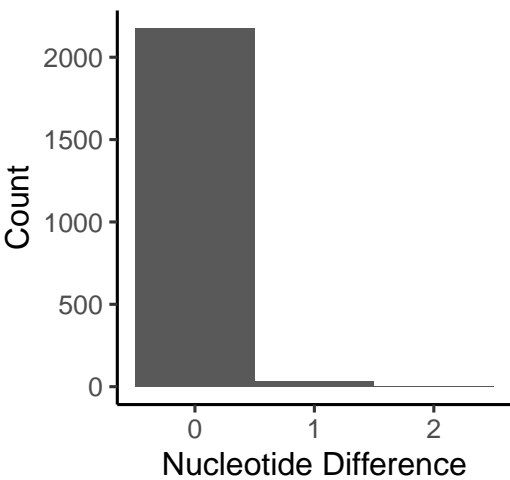
TRBV5-5\*ap01

2500 sequences assigned  
2485 (99.4%) exact matches, in which:  
2468 unique CDR3  
13 unique J



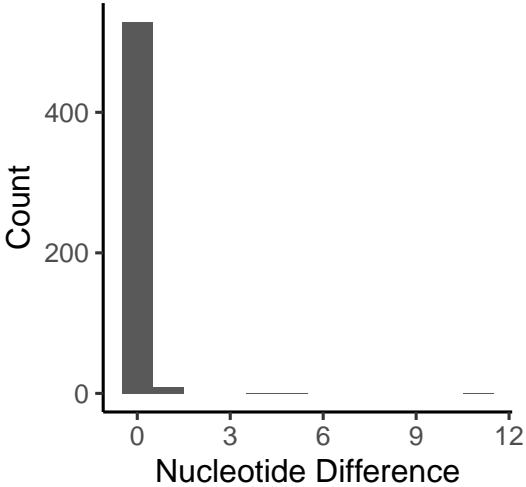
TRBV5-8\*ap01

2209 sequences assigned  
2175 (98.5%) exact matches, in which:  
2136 unique CDR3  
13 unique J



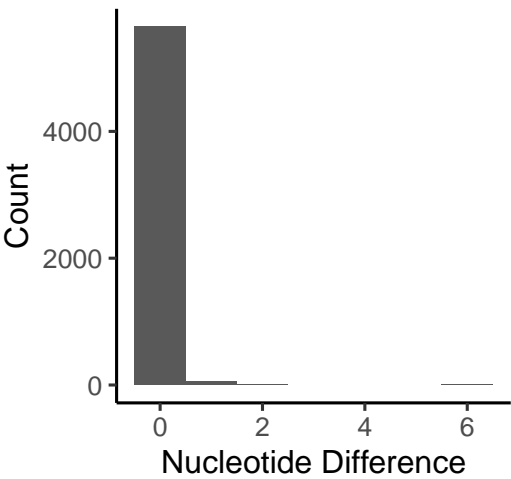
TRBV6-7\*ap01

541 sequences assigned  
529 (97.8%) exact matches, in which:  
515 unique CDR3  
13 unique J



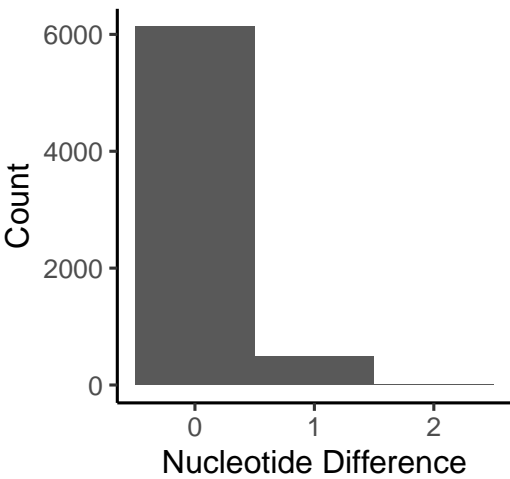
TRBV5-6\*ap01

5713 sequences assigned  
5651 (98.9%) exact matches, in which:  
5501 unique CDR3  
13 unique J



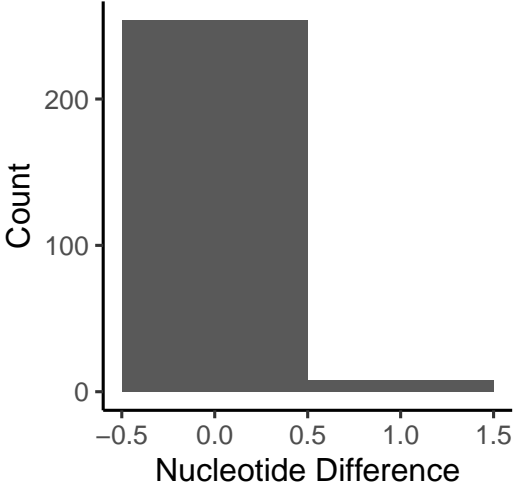
TRBV6-1\*ap01

6615 sequences assigned  
6131 (92.7%) exact matches, in which:  
5980 unique CDR3  
13 unique J



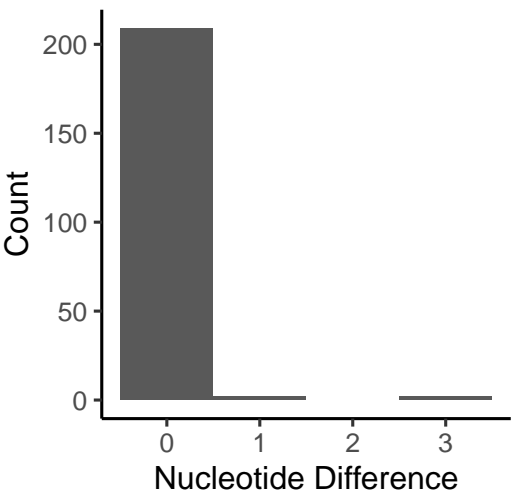
TRBV6-8\*ap01

262 sequences assigned  
254 (96.9%) exact matches, in which:  
247 unique CDR3  
13 unique J



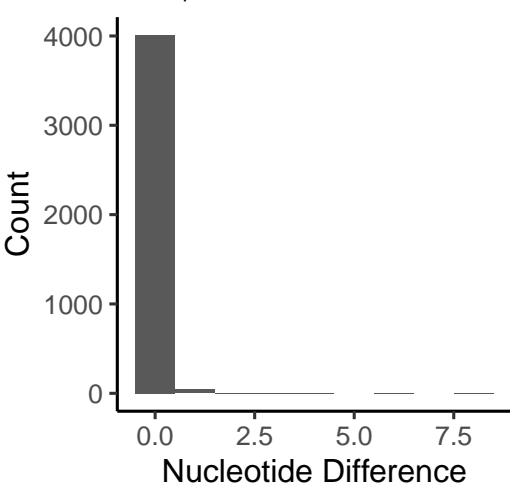
TRBV5-7\*ap01

213 sequences assigned  
209 (98.1%) exact matches, in which:  
199 unique CDR3  
13 unique J



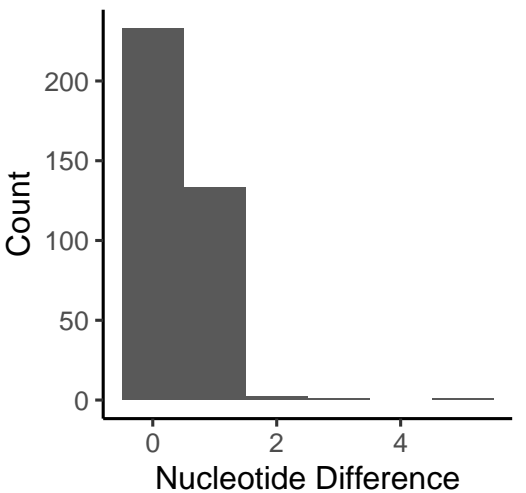
TRBV6-4\*ap01

4066 sequences assigned  
4010 (98.6%) exact matches, in which:  
3934 unique CDR3  
13 unique J



TRBV6-9\*ap01

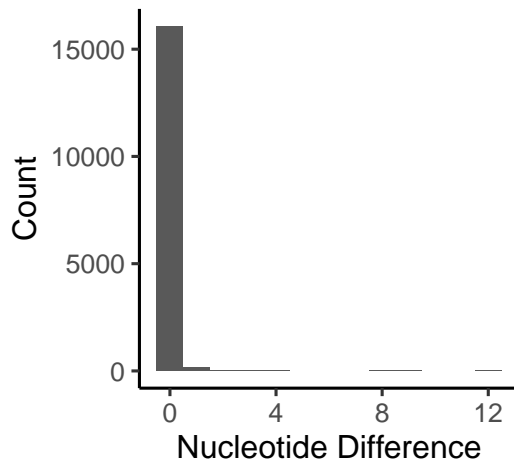
370 sequences assigned  
233 (63%) exact matches, in which:  
226 unique CDR3  
13 unique J





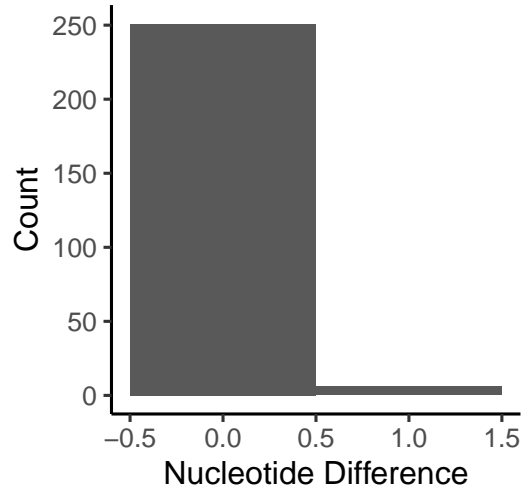
### TRBV6-23\*ap01

16238 sequences assigned  
16074 (99%) exact matches, in which:  
15580 unique CDR3  
13 unique J



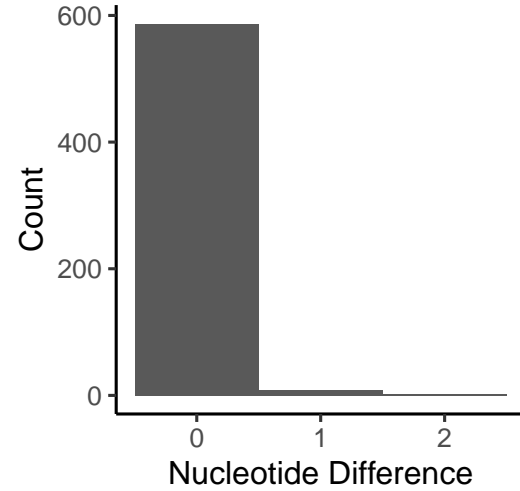
### TRBV7-1\*ap01\_G291C\_

257 sequences assigned  
251 (97.7%) exact matches, in which:  
243 unique CDR3  
13 unique J



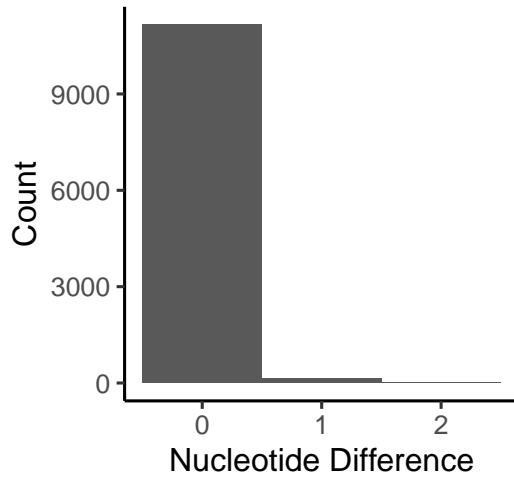
### TRBV7-4\*ap01

598 sequences assigned  
587 (98.2%) exact matches, in which:  
579 unique CDR3  
13 unique J



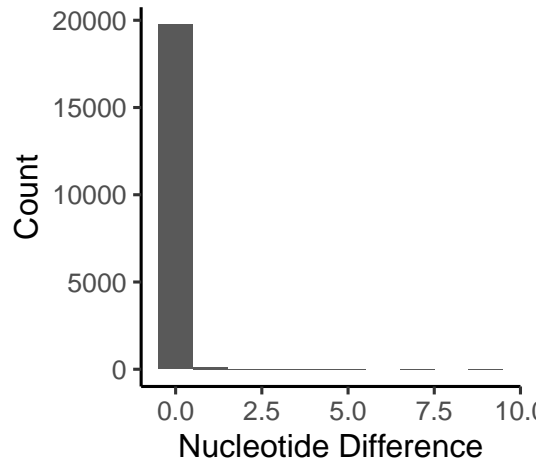
### TRBV6-56\*ap01\_32732

11293 sequences assigned  
11156 (98.8%) exact matches, in which:  
10852 unique CDR3  
13 unique J



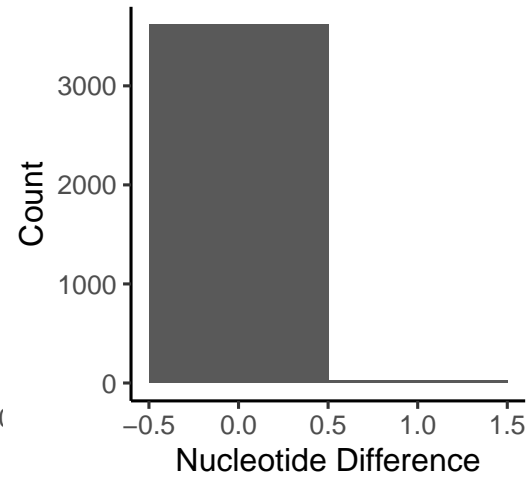
### TRBV7-2\*ap01

19888 sequences assigned  
19759 (99.4%) exact matches, in which:  
19443 unique CDR3  
13 unique J



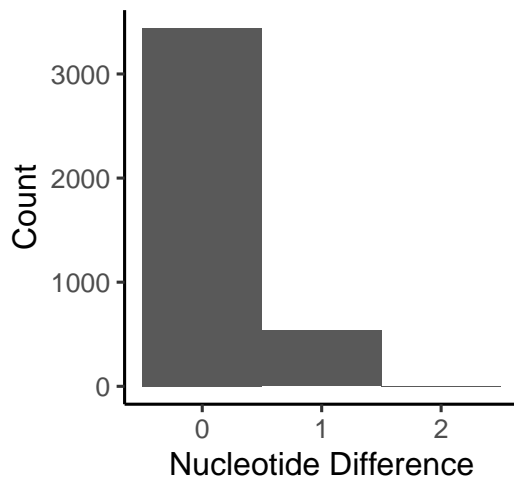
### TRBV7-6\*ap01

3647 sequences assigned  
3617 (99.2%) exact matches, in which:  
3539 unique CDR3  
13 unique J



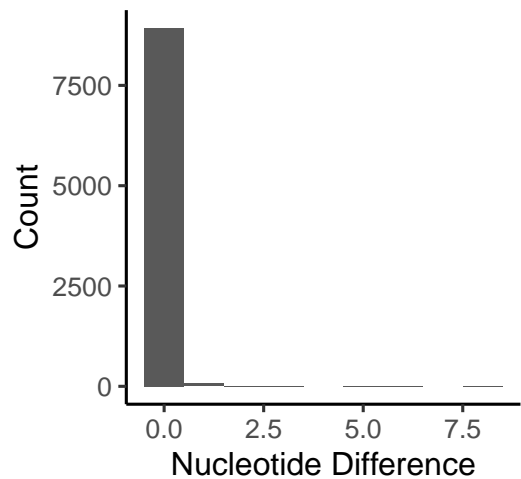
### TRBV6-56\*ap02

3984 sequences assigned  
3441 (86.4%) exact matches, in which:  
3360 unique CDR3  
13 unique J



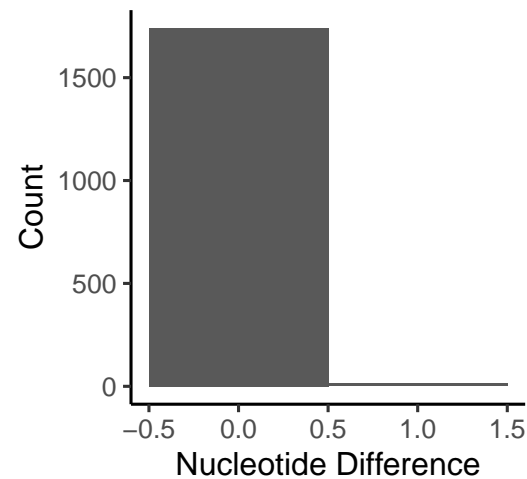
### TRBV7-3\*ap01

9005 sequences assigned  
8929 (99.2%) exact matches, in which:  
8831 unique CDR3  
13 unique J



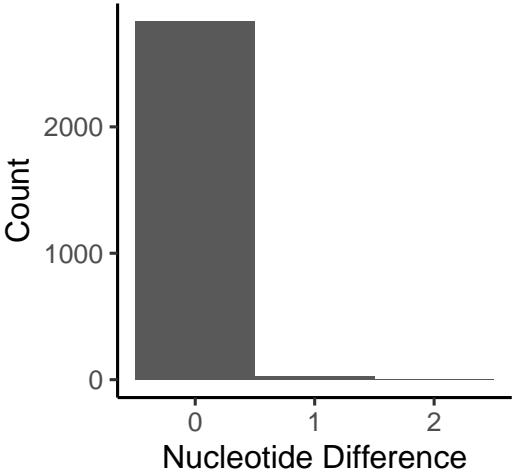
### TRBV7-7\*ap01\_C315T

1755 sequences assigned  
1741 (99.2%) exact matches, in which:  
1711 unique CDR3  
13 unique J



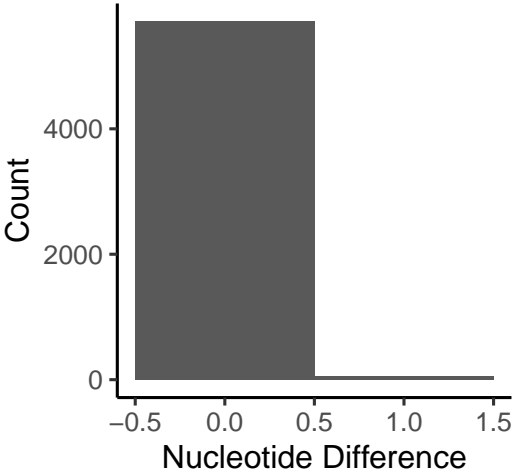
TRBV7-8\*ap01

2866 sequences assigned  
2834 (98.9%) exact matches, in which:  
2776 unique CDR3  
13 unique J



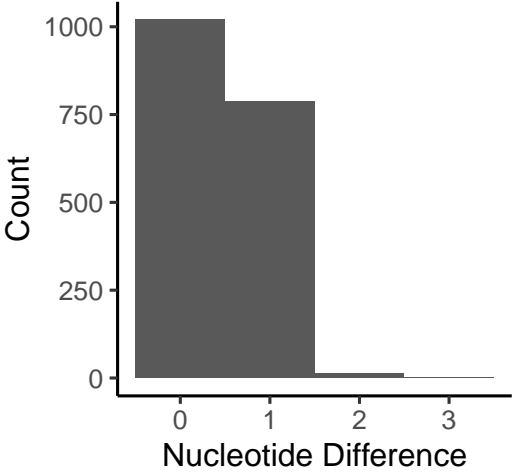
TRBV29-1\*ap01

5763 sequences assigned  
5713 (99.1%) exact matches, in which:  
5579 unique CDR3  
13 unique J



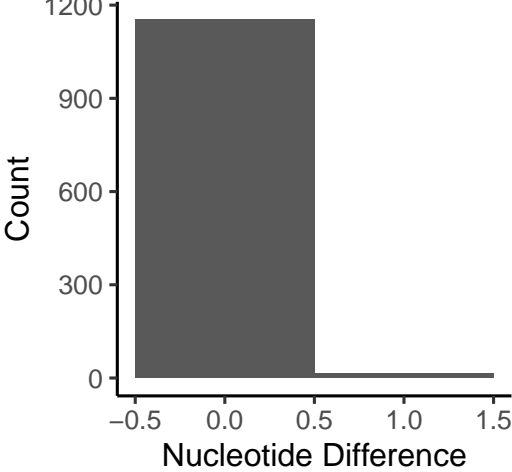
TRBV7-8\*ap03

1822 sequences assigned  
1020 (56%) exact matches, in which:  
991 unique CDR3  
13 unique J



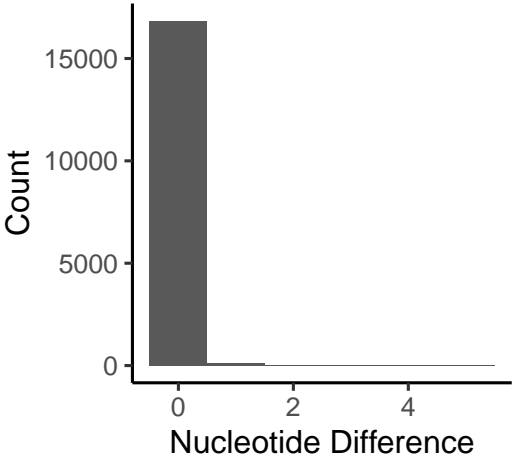
TRBV29-1\*ap02

1167 sequences assigned  
1153 (98.8%) exact matches, in which:  
1119 unique CDR3  
13 unique J

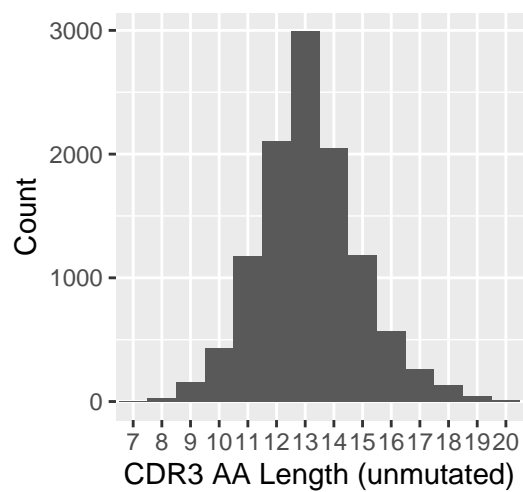


TRBV7-9\*ap01

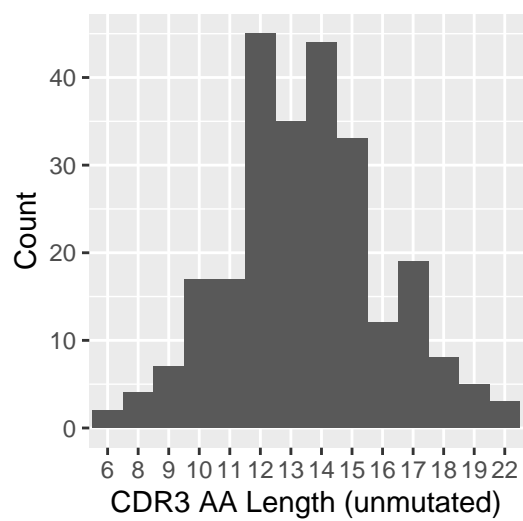
16967 sequences assigned  
16842 (99.3%) exact matches, in which:  
16552 unique CDR3  
13 unique J



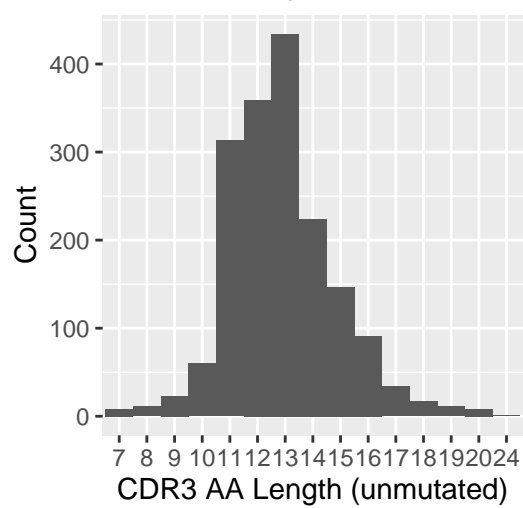
TRBV6-56\*ap01\_327326



TRBV7-1\*ap01\_G291C\_T296C



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.