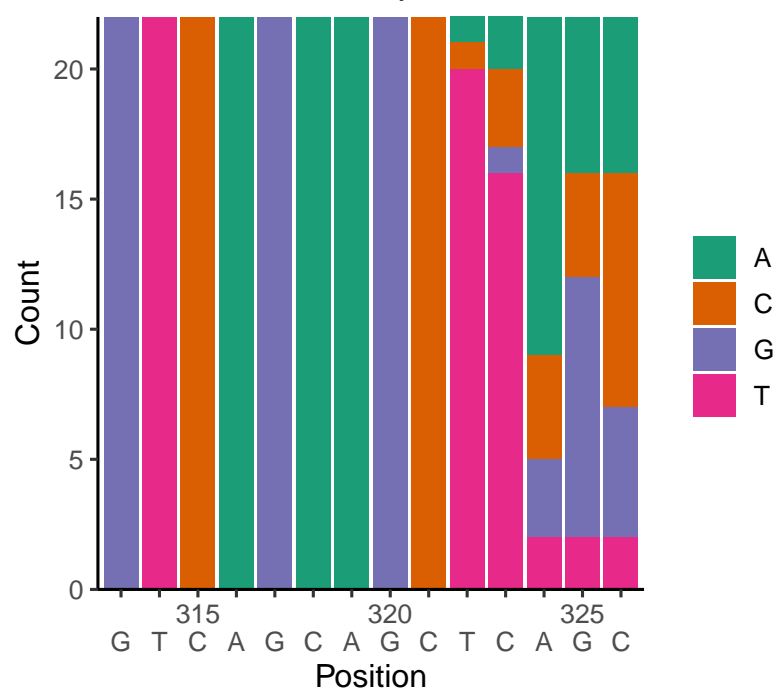
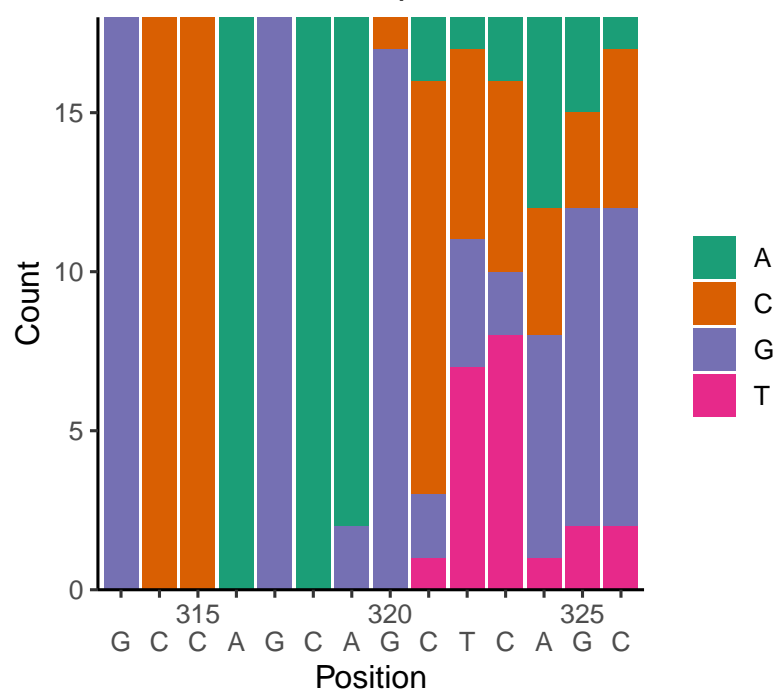


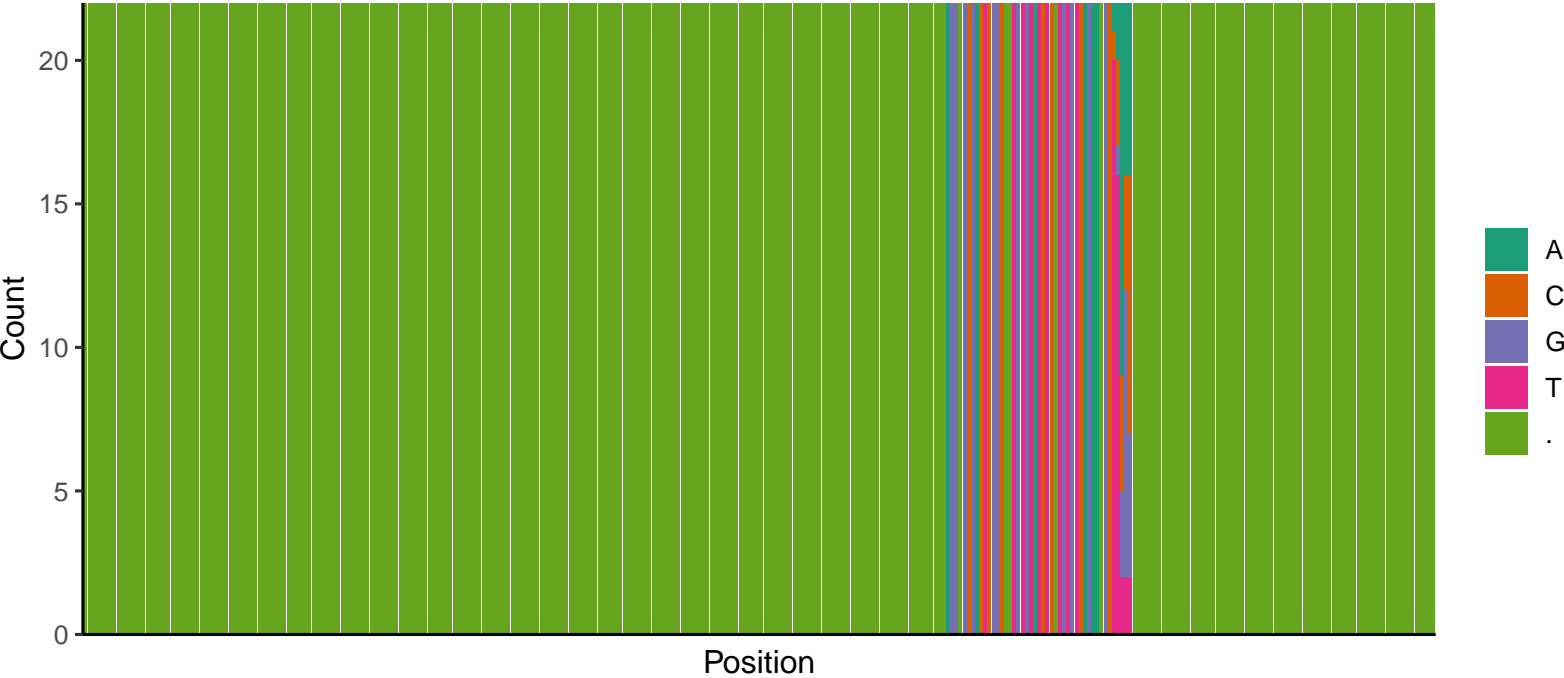
Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



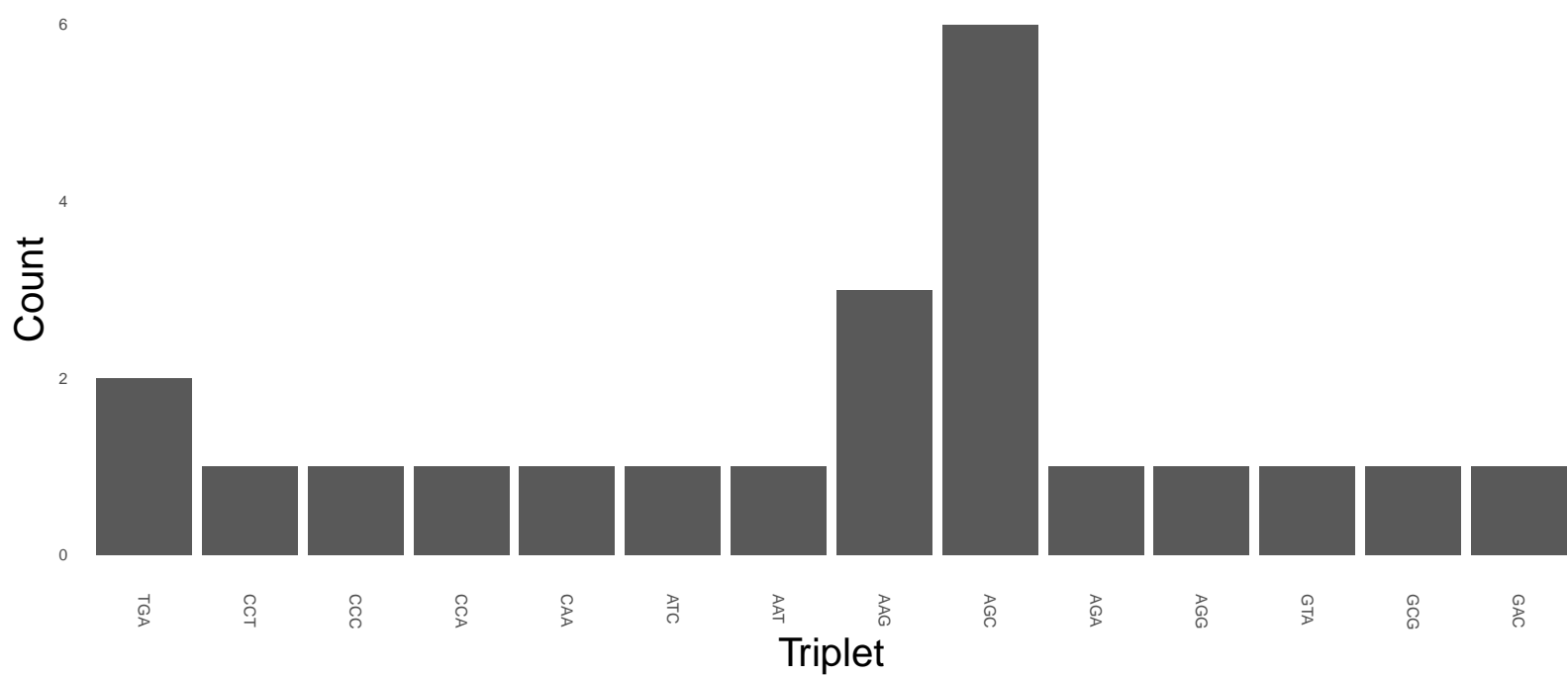
Gene TRBV7-1\*ap01\_G291C\_T296C



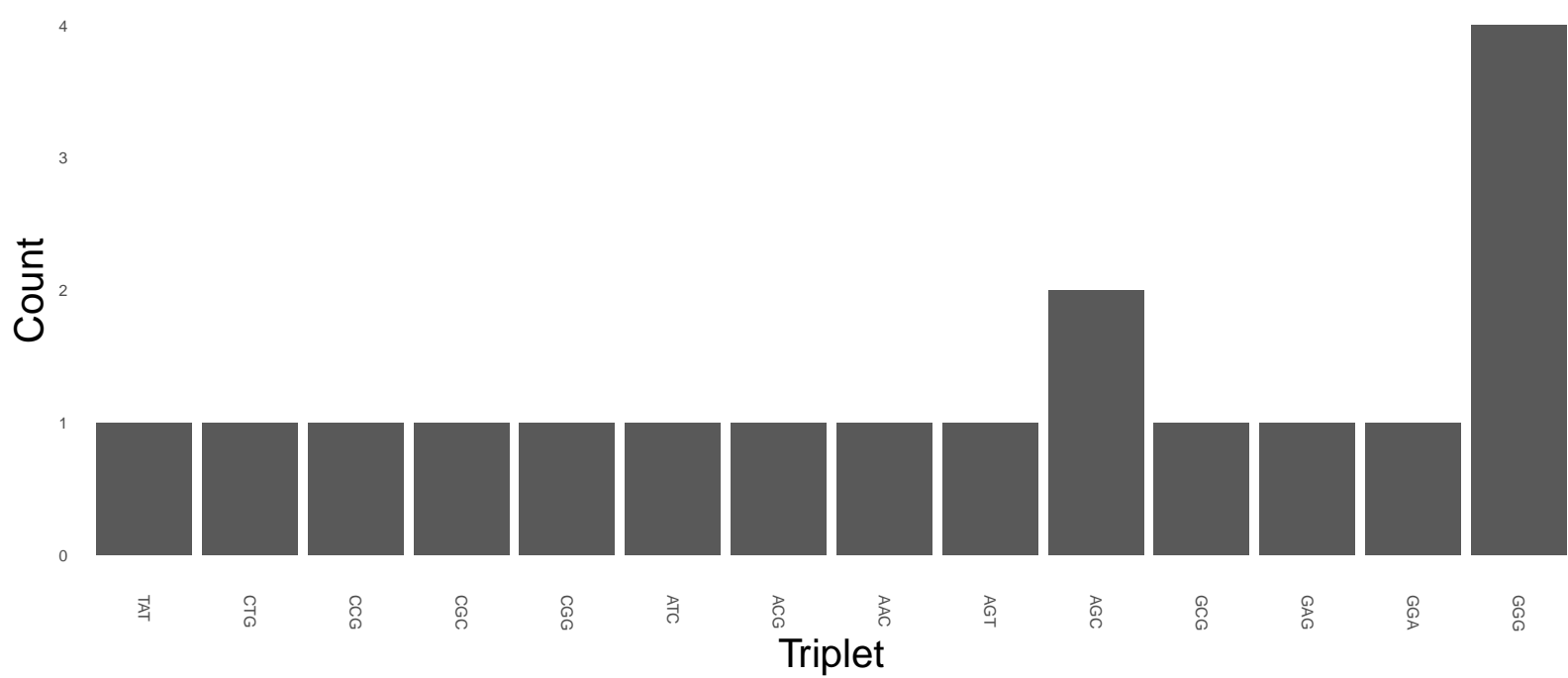
Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



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

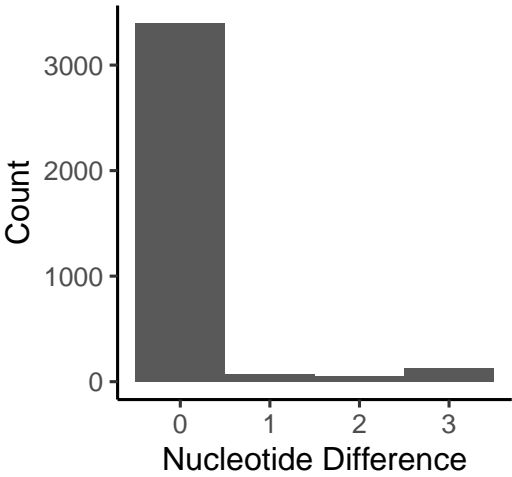


TRBV7-1\*ap01\_G291C\_T296C- Final 3 nucleotides as a triplet



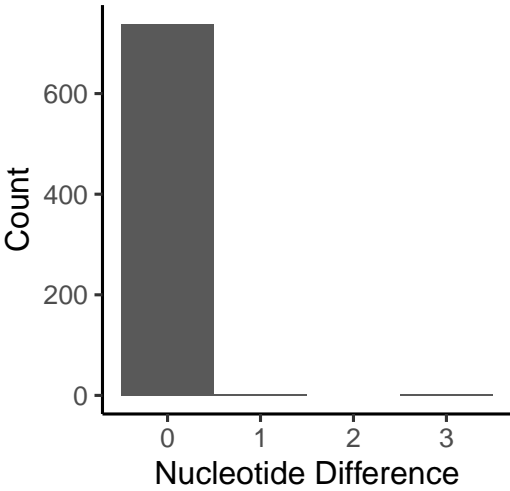
TRBV20-1\*ap01

3650 sequences assigned  
3395 (93%) exact matches, in which:  
3344 unique CDR3  
13 unique J



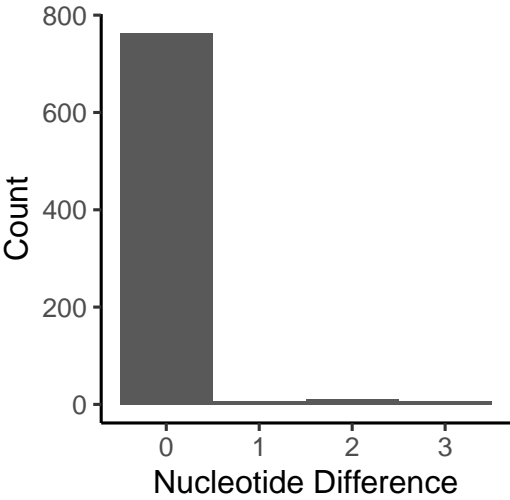
TRBV10-2\*ap01

745 sequences assigned  
739 (99.2%) exact matches, in which:  
734 unique CDR3  
13 unique J



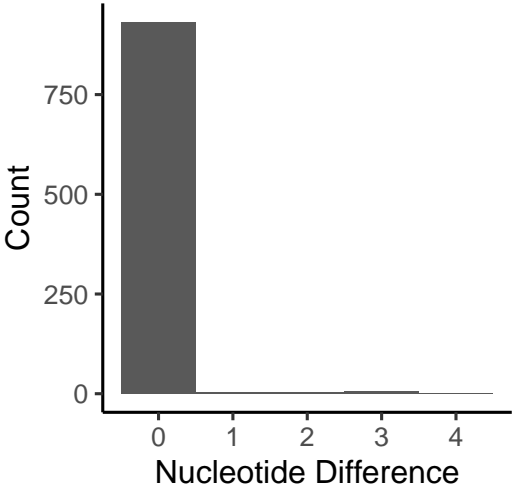
TRBV13\*ap01

789 sequences assigned  
764 (96.8%) exact matches, in which:  
757 unique CDR3  
13 unique J



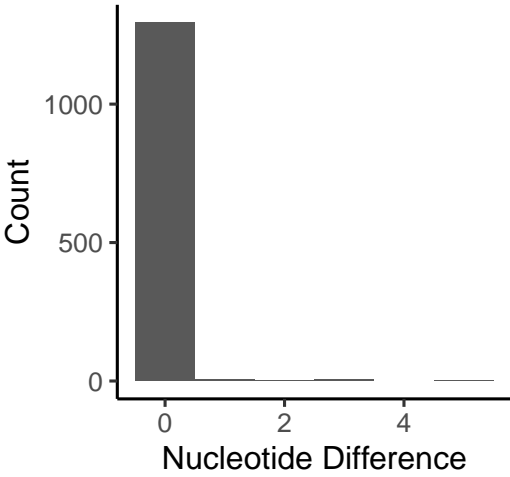
TRBV10-1\*ap01

949 sequences assigned  
932 (98.2%) exact matches, in which:  
924 unique CDR3  
13 unique J



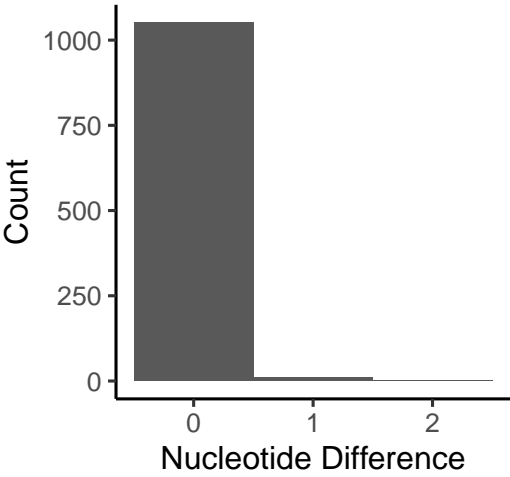
TRBV10-3\*ap01

1308 sequences assigned  
1294 (98.9%) exact matches, in which:  
1282 unique CDR3  
13 unique J



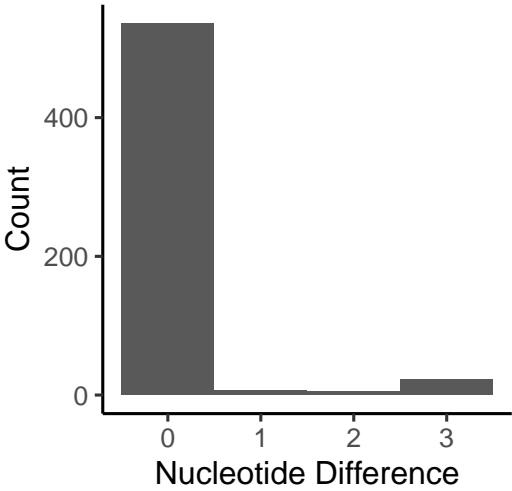
TRBV14\*ap01

1062 sequences assigned  
1051 (99%) exact matches, in which:  
1035 unique CDR3  
13 unique J



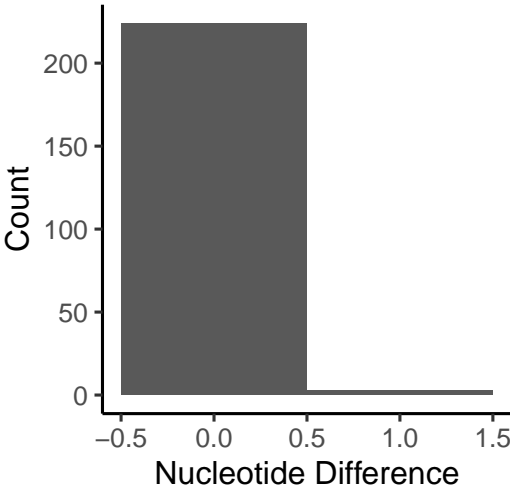
TRBV20-1\*ap02

570 sequences assigned  
536 (94%) exact matches, in which:  
524 unique CDR3  
13 unique J



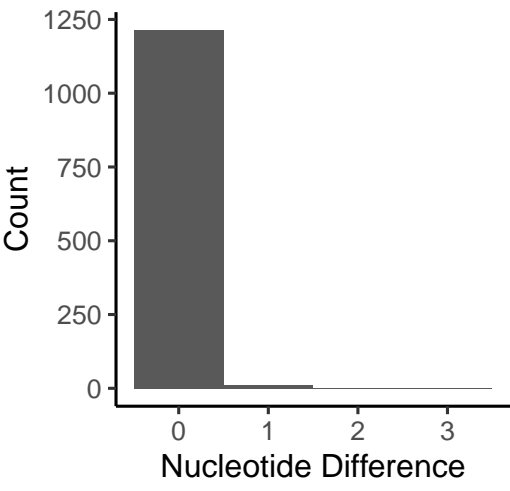
TRBV1\*ap01

227 sequences assigned  
224 (98.7%) exact matches, in which:  
222 unique CDR3  
13 unique J



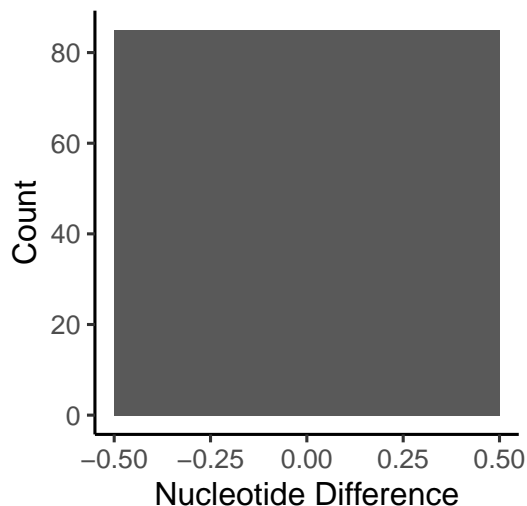
TRBV15\*ap02

1228 sequences assigned  
1214 (98.9%) exact matches, in which:  
1189 unique CDR3  
13 unique J



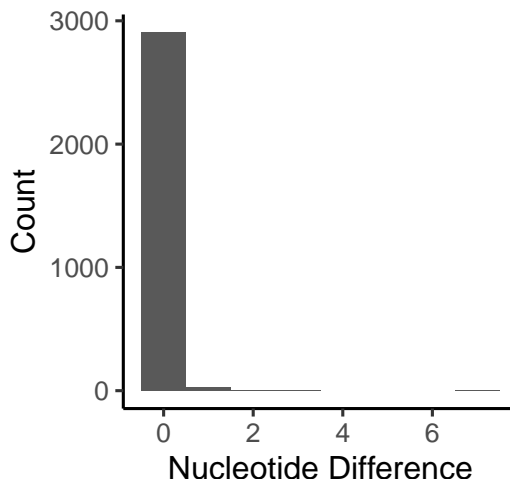
### TRBV16\*ap01

85 sequences assigned  
85 (100%) exact matches, in which:  
83 unique CDR3  
13 unique J



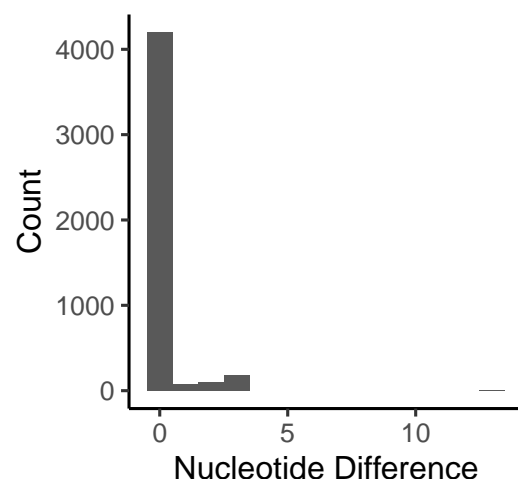
### TRBV2\*ap01

2947 sequences assigned  
2906 (98.6%) exact matches, in which:  
2874 unique CDR3  
13 unique J



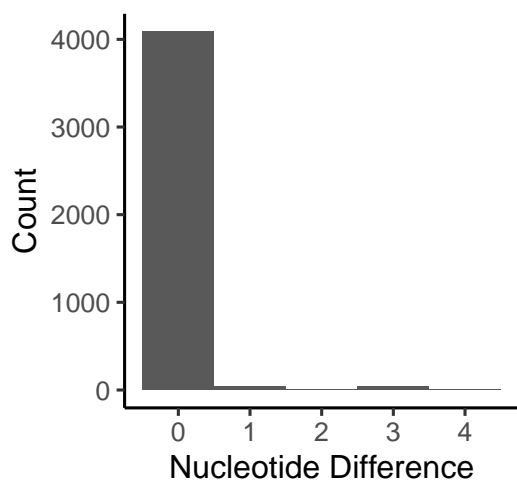
### TRBV30\*ap01

4557 sequences assigned  
4198 (92.1%) exact matches, in which:  
4118 unique CDR3  
13 unique J



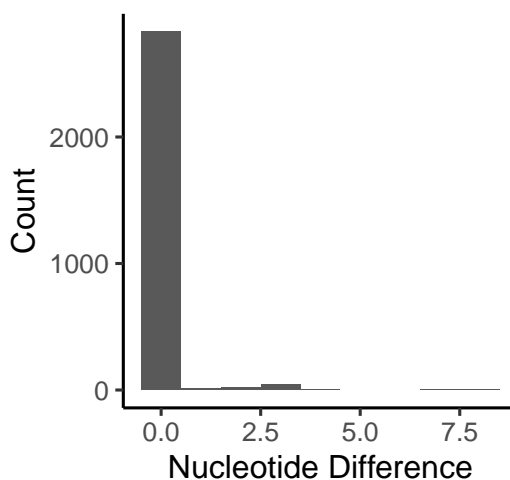
### TRBV18\*ap01

4176 sequences assigned  
4087 (97.9%) exact matches, in which:  
3994 unique CDR3  
13 unique J



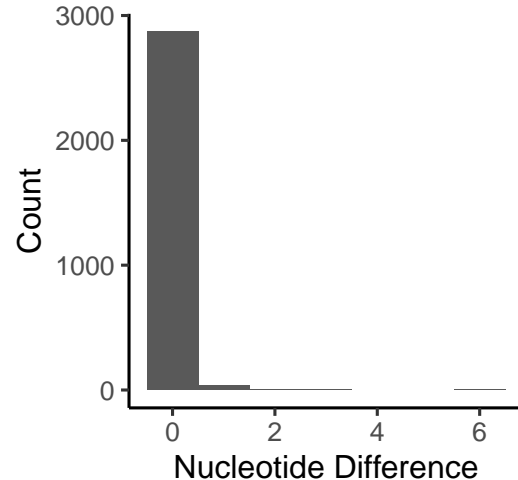
### TRBV27\*ap01

2909 sequences assigned  
2832 (97.4%) exact matches, in which:  
2804 unique CDR3  
13 unique J



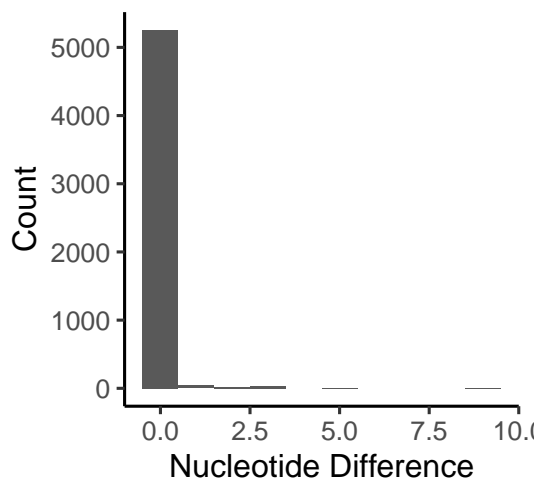
### TRBV9\*ap01

2914 sequences assigned  
2870 (98.5%) exact matches, in which:  
2807 unique CDR3  
13 unique J



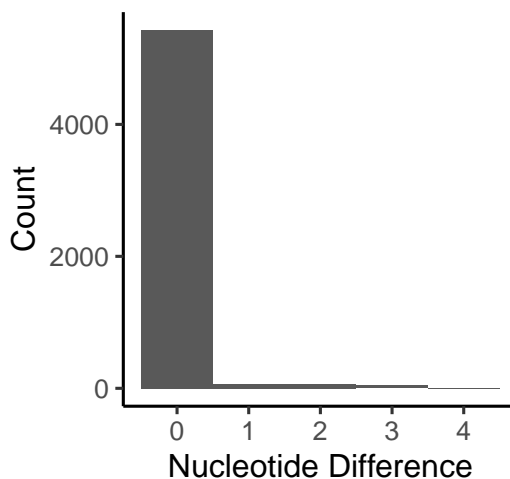
### TRBV19\*ap01

5359 sequences assigned  
5254 (98%) exact matches, in which:  
5199 unique CDR3  
13 unique J



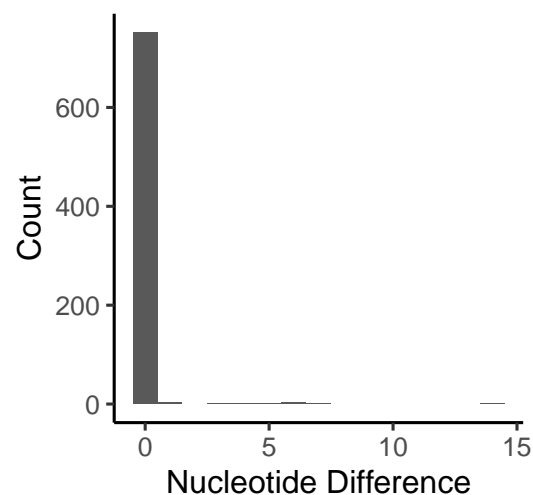
### TRBV28\*ap01

5606 sequences assigned  
5430 (96.9%) exact matches, in which:  
5345 unique CDR3  
13 unique J



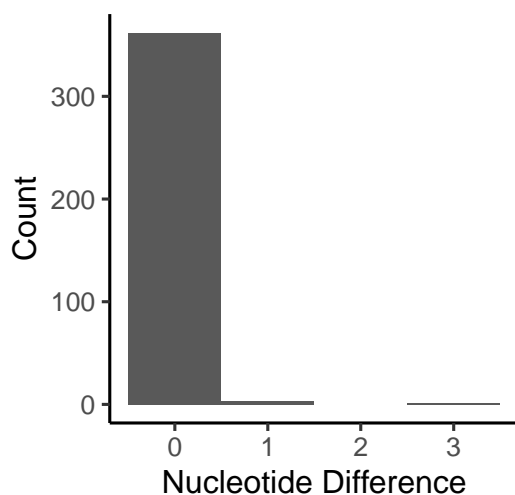
### TRBV21-1\*ap01

766 sequences assigned  
752 (98.2%) exact matches, in which:  
750 unique CDR3  
13 unique J



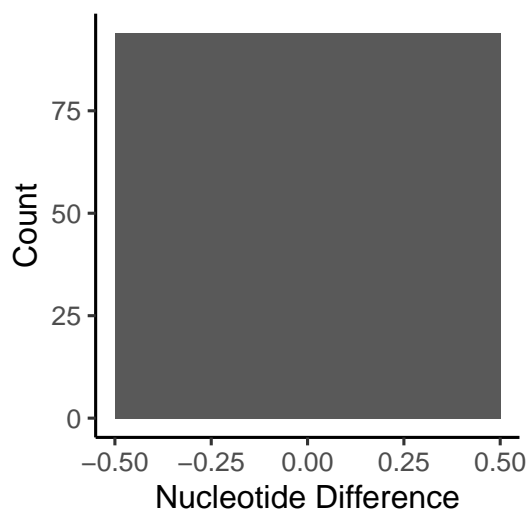
### TRBV11-1\*ap01

366 sequences assigned  
362 (98.9%) exact matches, in which:  
358 unique CDR3  
13 unique J



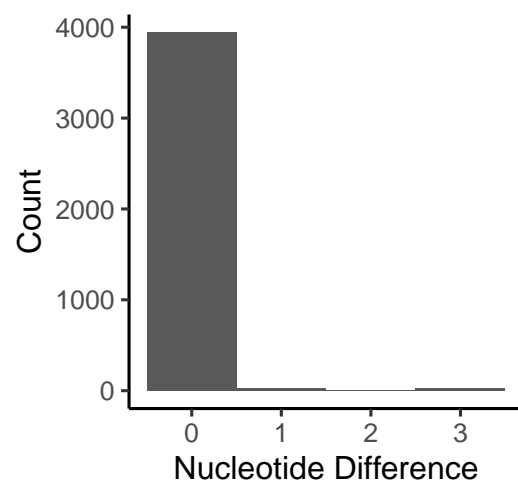
### TRBV12-1\*ap01

94 sequences assigned  
94 (100%) exact matches, in which:  
92 unique CDR3  
13 unique J



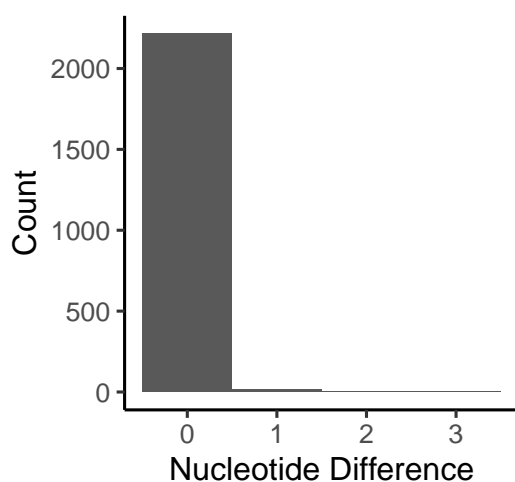
### TRBV12-34\*ap01

4003 sequences assigned  
3943 (98.5%) exact matches, in which:  
3909 unique CDR3  
13 unique J



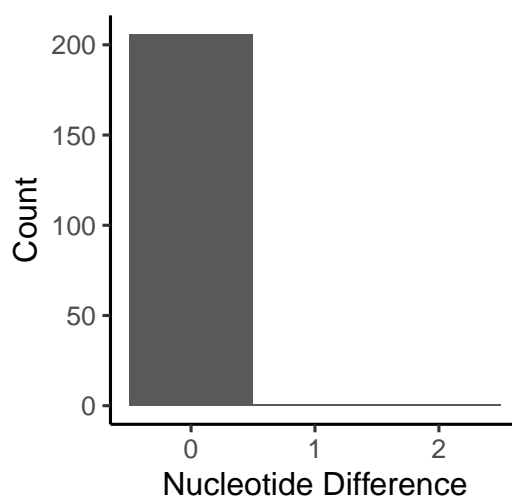
### TRBV11-2\*ap01

2237 sequences assigned  
2215 (99%) exact matches, in which:  
2191 unique CDR3  
13 unique J



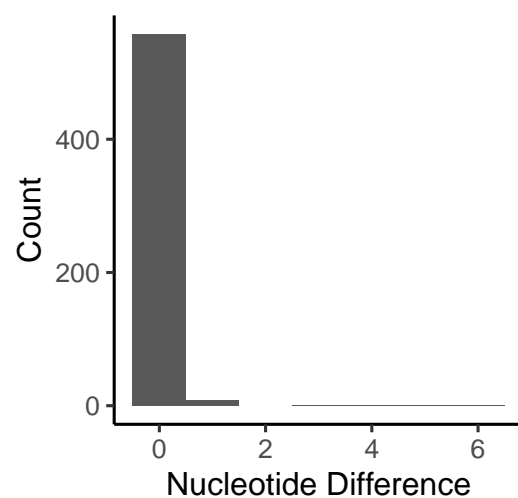
### TRBV12-2\*ap01

208 sequences assigned  
206 (99%) exact matches, in which:  
206 unique CDR3  
13 unique J



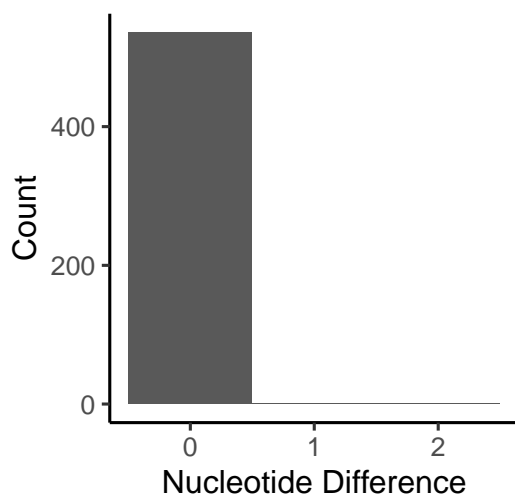
### TRBV23-1\*ap01

570 sequences assigned  
558 (97.9%) exact matches, in which:  
554 unique CDR3  
13 unique J



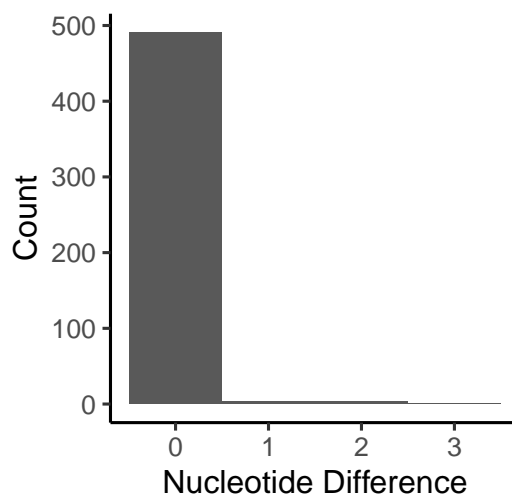
### TRBV11-3\*ap01

538 sequences assigned  
536 (99.6%) exact matches, in which:  
532 unique CDR3  
13 unique J



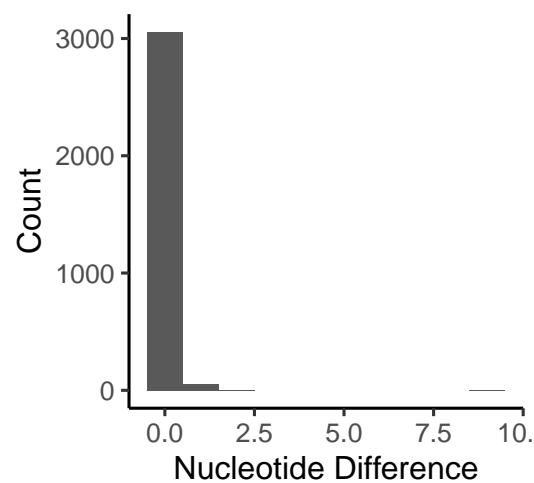
### TRBV12-5\*ap01

498 sequences assigned  
491 (98.6%) exact matches, in which:  
490 unique CDR3  
13 unique J



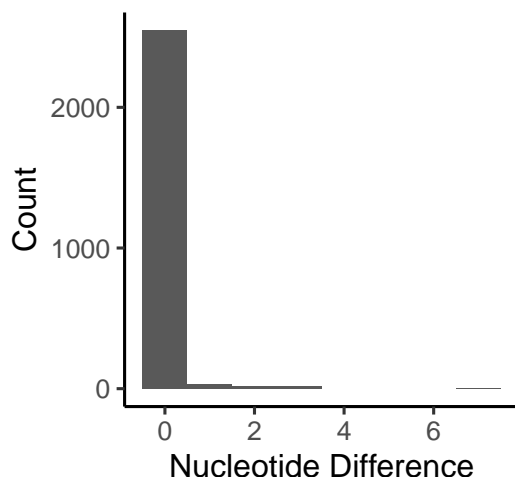
### TRBV3-12\*ap01

3113 sequences assigned  
3055 (98.1%) exact matches, in which:  
3008 unique CDR3  
13 unique J



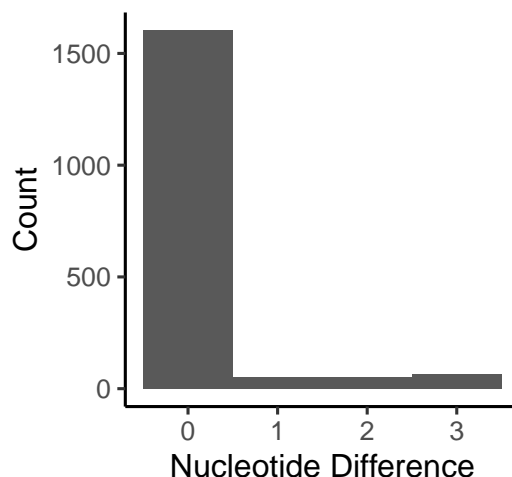
### TRBV4-1\*ap01

2622 sequences assigned  
2547 (97.1%) exact matches, in which:  
2506 unique CDR3  
13 unique J



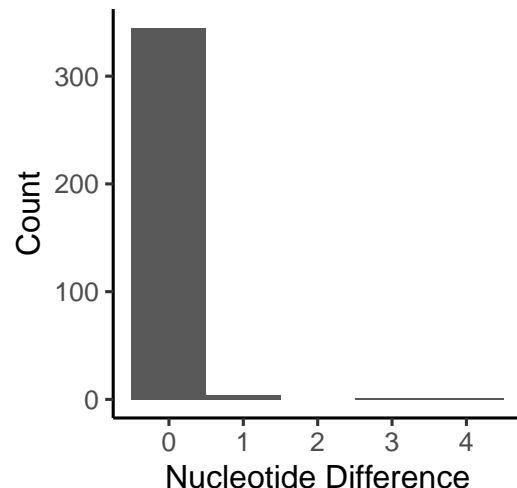
### TRBV4-3\*ap01

1766 sequences assigned  
1603 (90.8%) exact matches, in which:  
1576 unique CDR3  
13 unique J



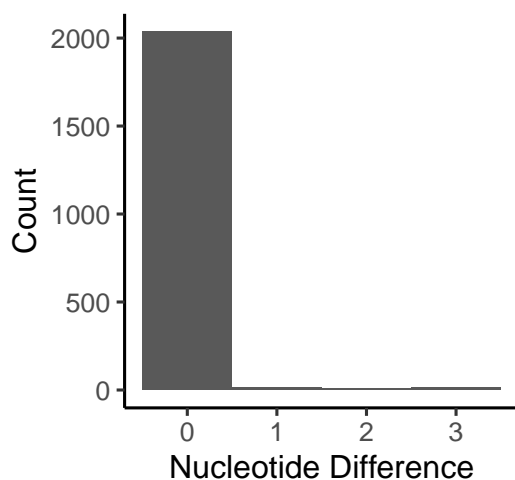
### TRBV5-3\*ap01

351 sequences assigned  
345 (98.3%) exact matches, in which:  
338 unique CDR3  
12 unique J



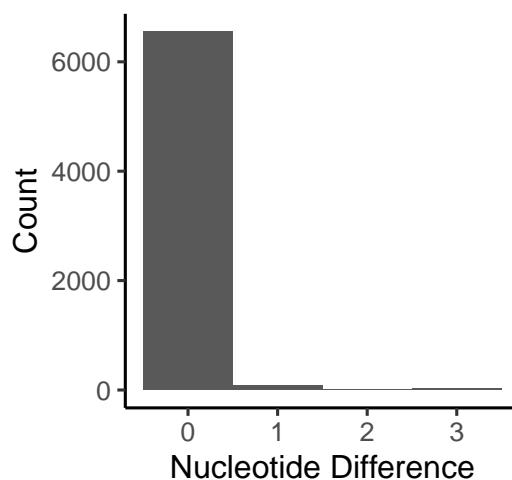
### TRBV24-1\*ap01

2073 sequences assigned  
2036 (98.2%) exact matches, in which:  
2007 unique CDR3  
13 unique J



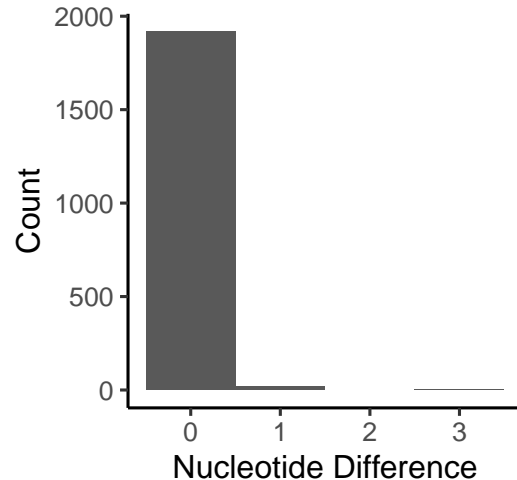
### TRBV5-1\*ap01

6677 sequences assigned  
6550 (98.1%) exact matches, in which:  
6439 unique CDR3  
13 unique J



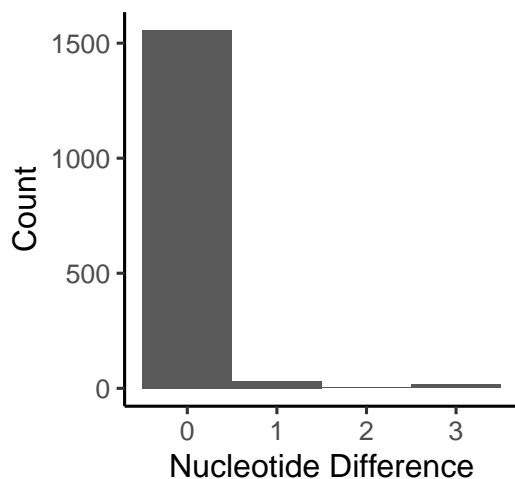
### TRBV5-4\*ap01

1941 sequences assigned  
1917 (98.8%) exact matches, in which:  
1894 unique CDR3  
13 unique J



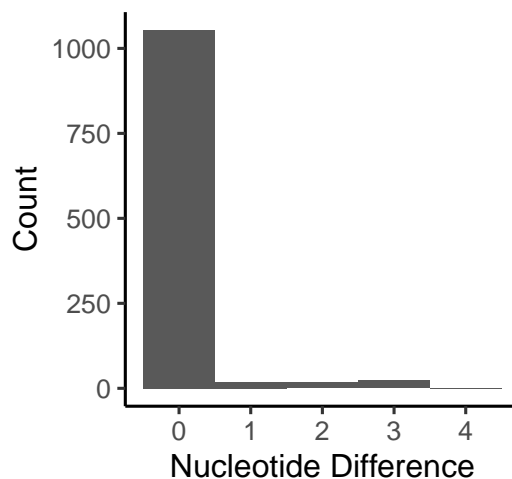
### TRBV4-2\*ap01

1609 sequences assigned  
1557 (96.8%) exact matches, in which:  
1536 unique CDR3  
13 unique J



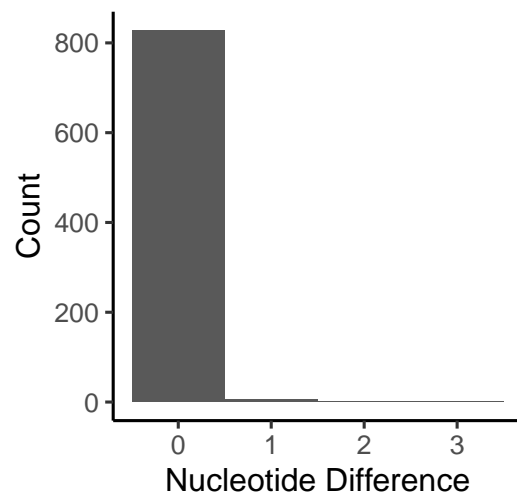
### TRBV25-1\*ap01

1114 sequences assigned  
1054 (94.6%) exact matches, in which:  
1040 unique CDR3  
13 unique J



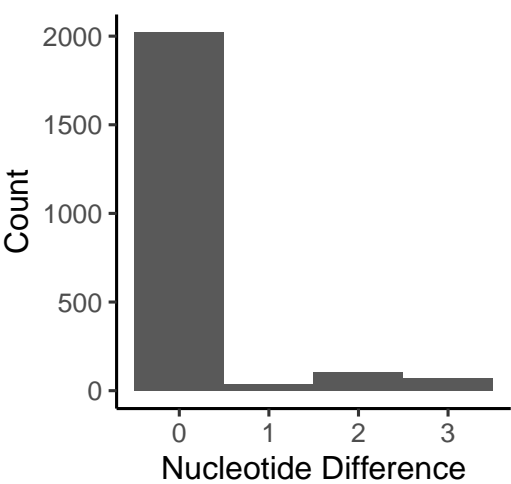
### TRBV5-5\*ap01

836 sequences assigned  
828 (99%) exact matches, in which:  
818 unique CDR3  
13 unique J



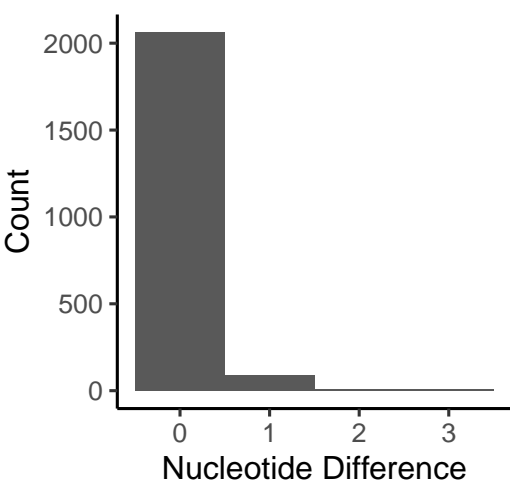
TRBV5-6\*ap01

2229 sequences assigned  
2021 (90.7%) exact matches, in which:  
1983 unique CDR3  
13 unique J



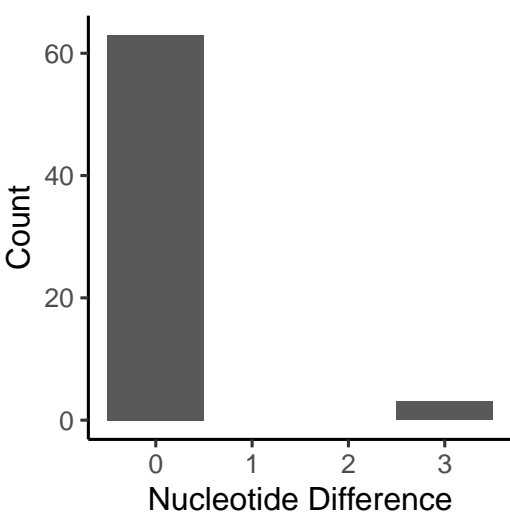
TRBV6-1\*ap01

2170 sequences assigned  
2062 (95%) exact matches, in which:  
2030 unique CDR3  
13 unique J



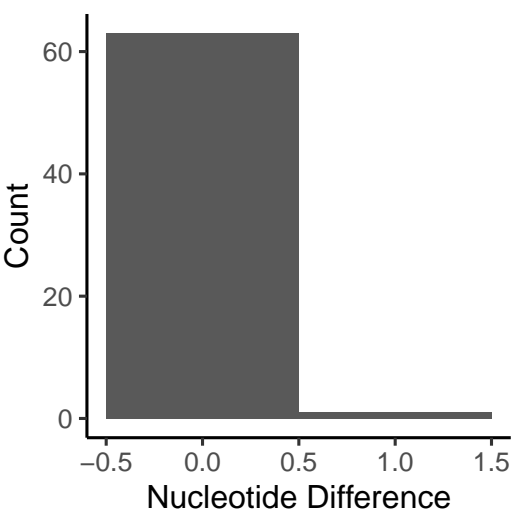
TRBV6-8\*ap01

66 sequences assigned  
63 (95.5%) exact matches, in which:  
62 unique CDR3  
13 unique J



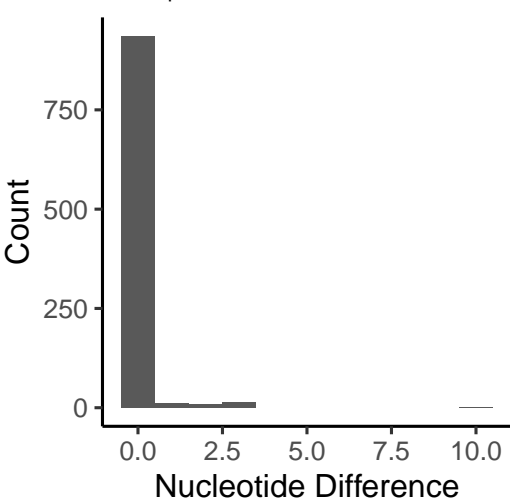
TRBV5-7\*ap01

64 sequences assigned  
63 (98.4%) exact matches, in which:  
60 unique CDR3  
13 unique J



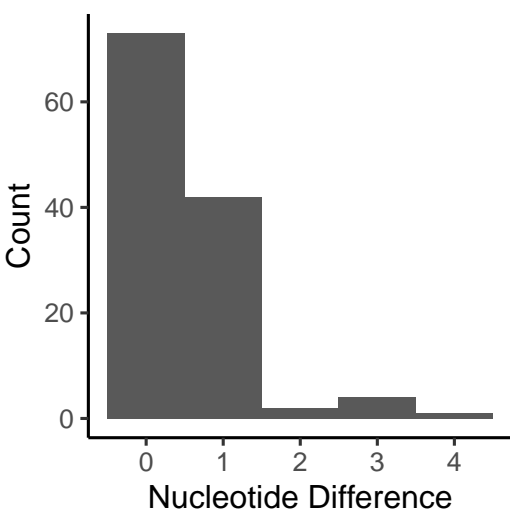
TRBV6-4\*ap01

972 sequences assigned  
936 (96.3%) exact matches, in which:  
930 unique CDR3  
13 unique J



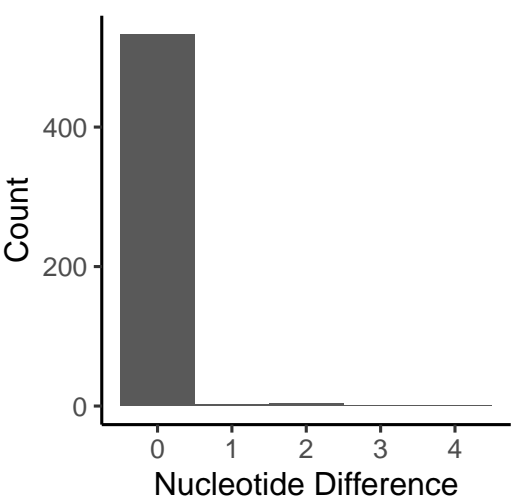
TRBV6-9\*ap01

122 sequences assigned  
73 (59.8%) exact matches, in which:  
72 unique CDR3  
12 unique J



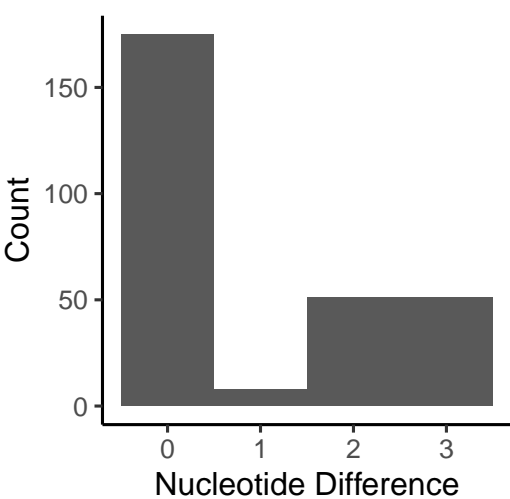
TRBV5-8\*ap01

541 sequences assigned  
533 (98.5%) exact matches, in which:  
531 unique CDR3  
13 unique J



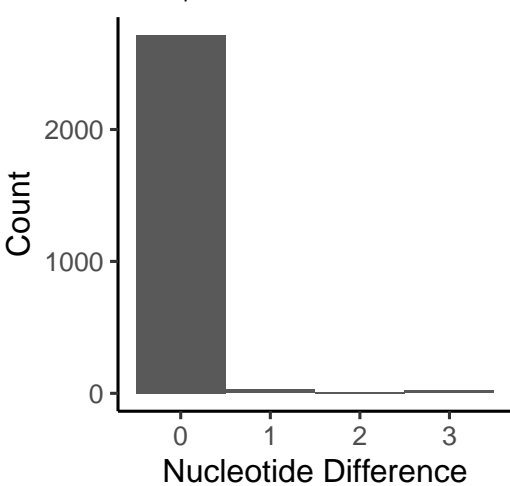
TRBV6-7\*ap01

285 sequences assigned  
175 (61.4%) exact matches, in which:  
172 unique CDR3  
13 unique J



TRBV6-23\*ap01

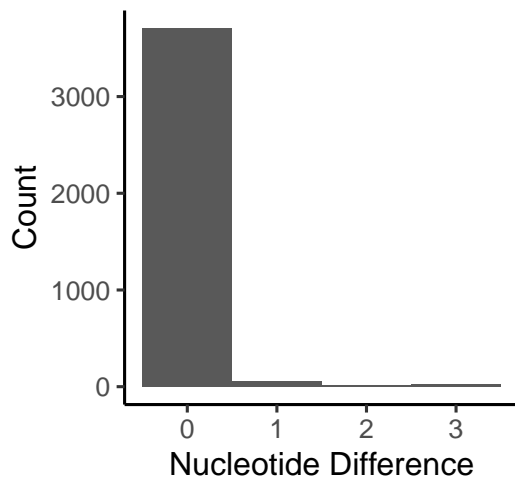
2772 sequences assigned  
2716 (98%) exact matches, in which:  
2673 unique CDR3  
13 unique J





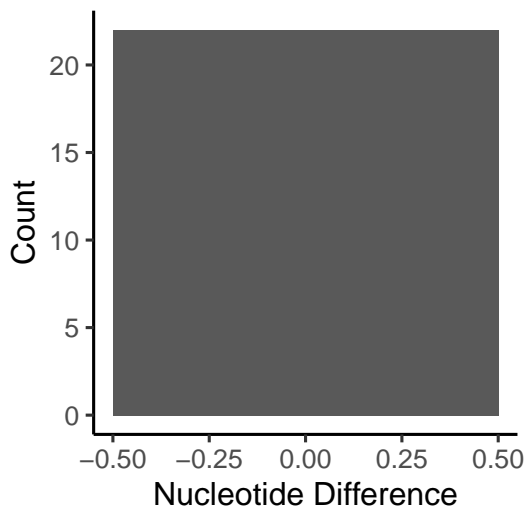
### TRBV6-56\*ap01

3795 sequences assigned  
3705 (97.6%) exact matches, in which:  
3631 unique CDR3  
13 unique J



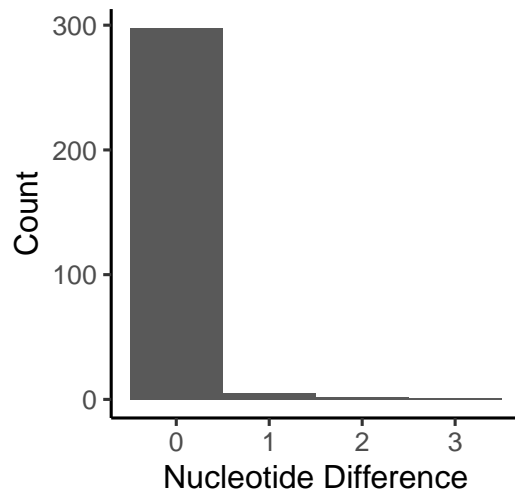
### TRBV7-1\*ap01\_G291C\_T

22 sequences assigned  
22 (100%) exact matches, in which:  
22 unique CDR3  
8 unique J



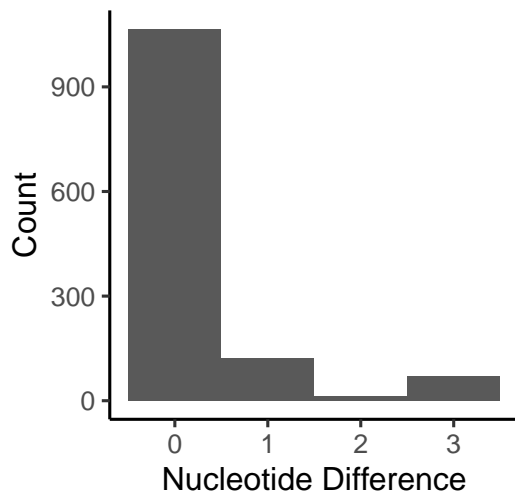
### TRBV7-3\*ap03

306 sequences assigned  
298 (97.4%) exact matches, in which:  
294 unique CDR3  
13 unique J



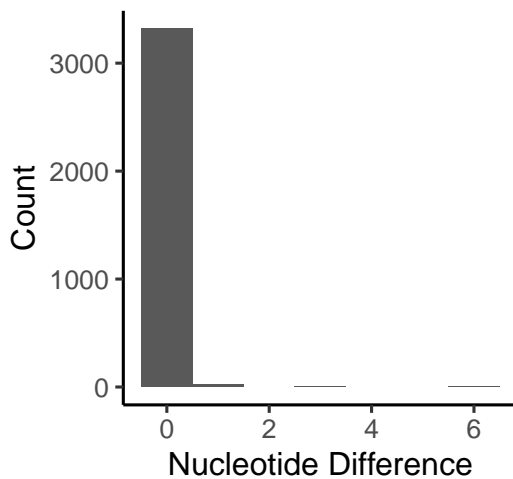
### TRBV6-56\*ap02

1272 sequences assigned  
1066 (83.8%) exact matches, in which:  
1042 unique CDR3  
13 unique J



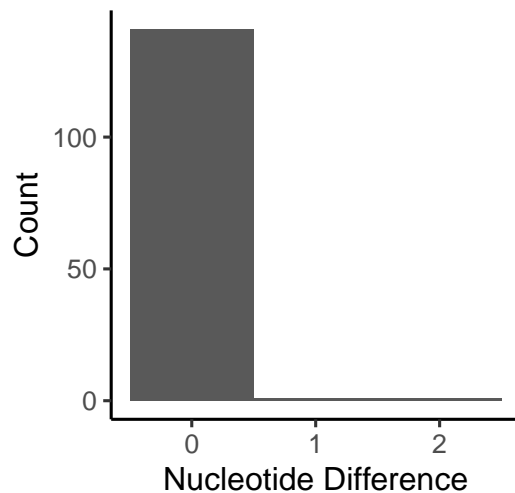
### TRBV7-2\*ap01

3341 sequences assigned  
3319 (99.3%) exact matches, in which:  
3289 unique CDR3  
13 unique J



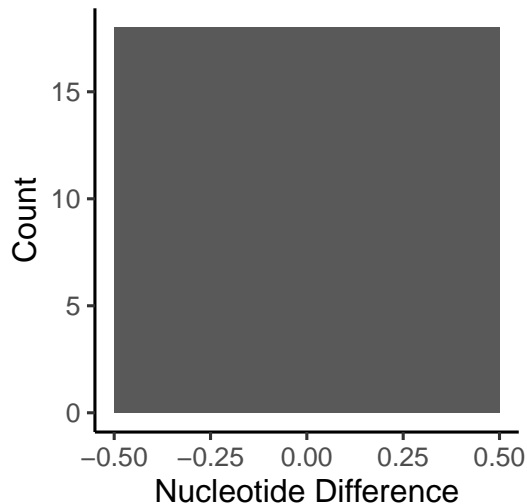
### TRBV7-4\*ap01

143 sequences assigned  
141 (98.6%) exact matches, in which:  
139 unique CDR3  
13 unique J



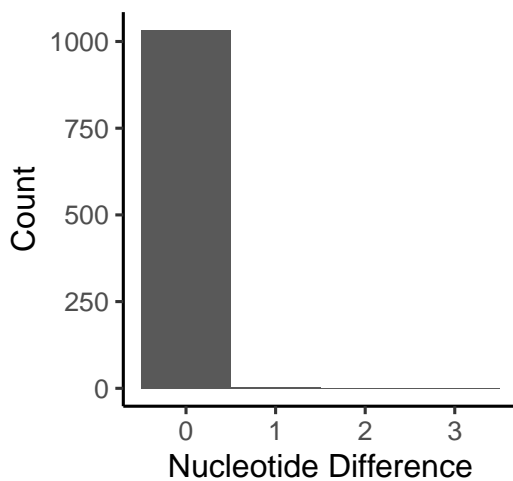
### TRBV7-1\*ap01\_G291C\_T

18 sequences assigned  
18 (100%) exact matches, in which:  
18 unique CDR3  
6 unique J



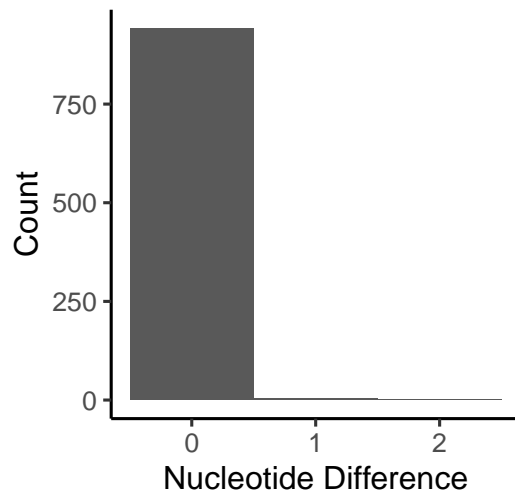
### TRBV7-3\*ap01

1038 sequences assigned  
1033 (99.5%) exact matches, in which:  
1025 unique CDR3  
13 unique J



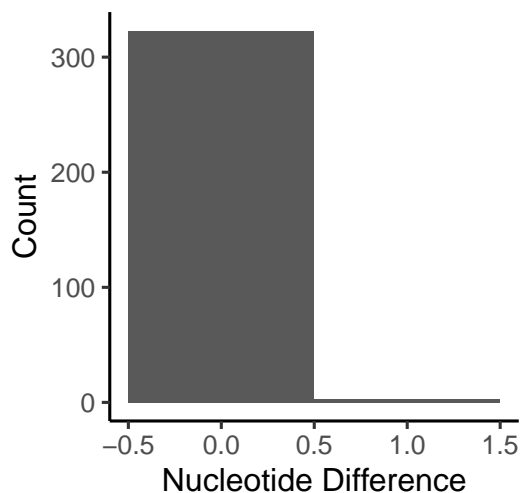
### TRBV7-6\*ap01

946 sequences assigned  
942 (99.6%) exact matches, in which:  
927 unique CDR3  
13 unique J



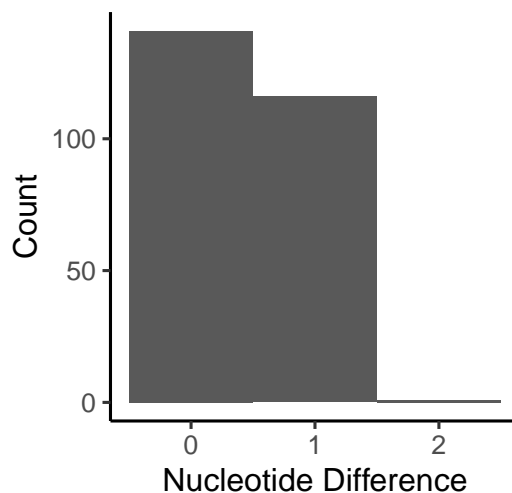
### TRBV7-7\*ap01

326 sequences assigned  
323 (99.1%) exact matches, in which:  
318 unique CDR3  
13 unique J



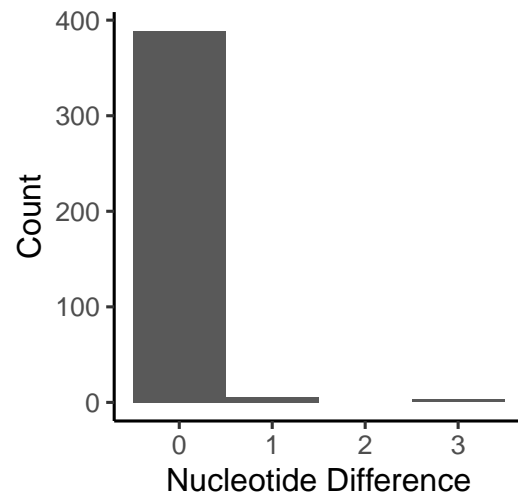
### TRBV7-8\*ap03

258 sequences assigned  
141 (54.7%) exact matches, in which:  
141 unique CDR3  
12 unique J



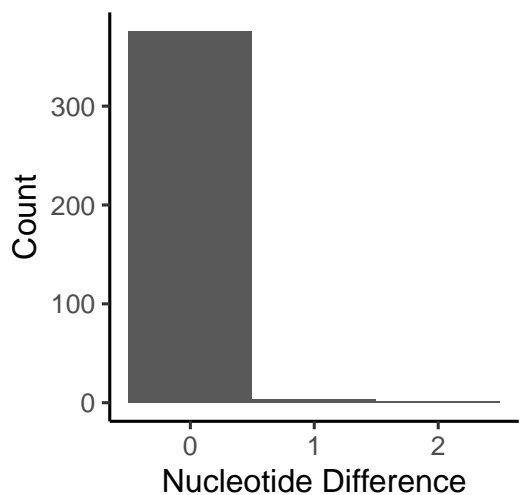
### TRBV29-1\*ap02

398 sequences assigned  
389 (97.7%) exact matches, in which:  
383 unique CDR3  
13 unique J



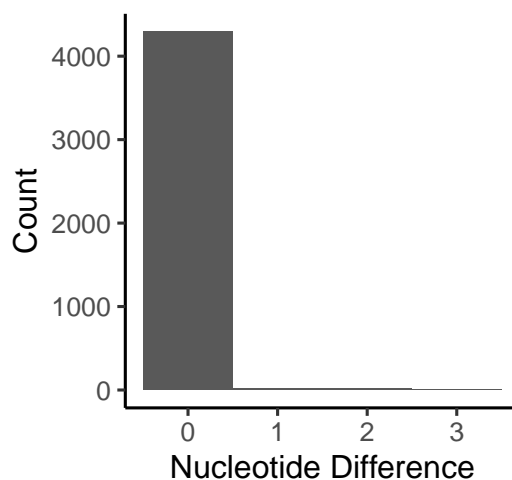
### TRBV7-8\*ap01

382 sequences assigned  
376 (98.4%) exact matches, in which:  
373 unique CDR3  
13 unique J



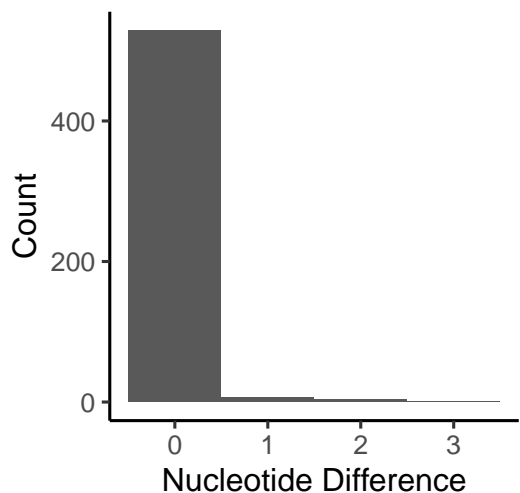
### TRBV7-9\*ap01

4336 sequences assigned  
4293 (99%) exact matches, in which:  
4229 unique CDR3  
13 unique J



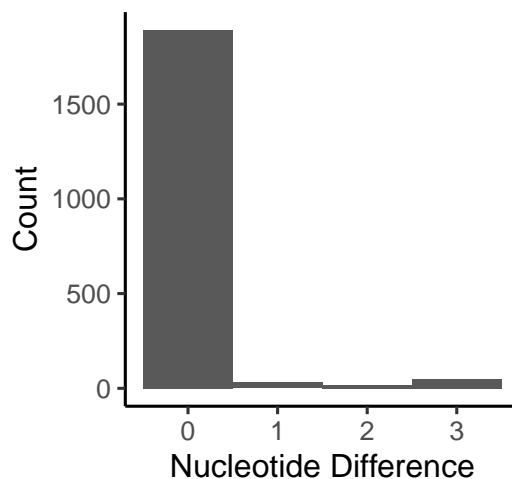
### TRBV7-8\*ap02

540 sequences assigned  
529 (98%) exact matches, in which:  
520 unique CDR3  
13 unique J

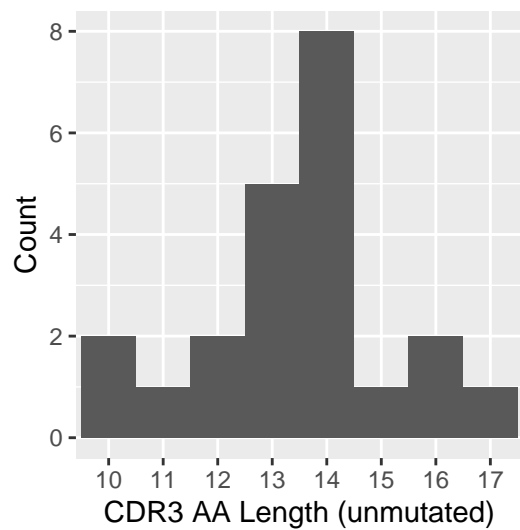


### TRBV29-1\*ap01

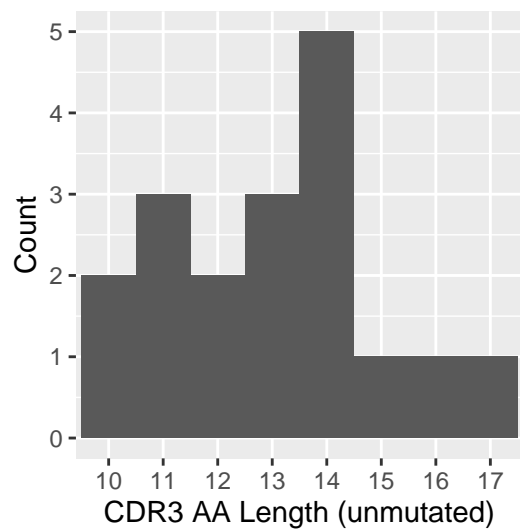
1989 sequences assigned  
1891 (95.1%) exact matches, in which:  
1850 unique CDR3  
13 unique J



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



TRBV7-1\*ap01\_G291C\_T296C





Warning – no inferred sequences found.