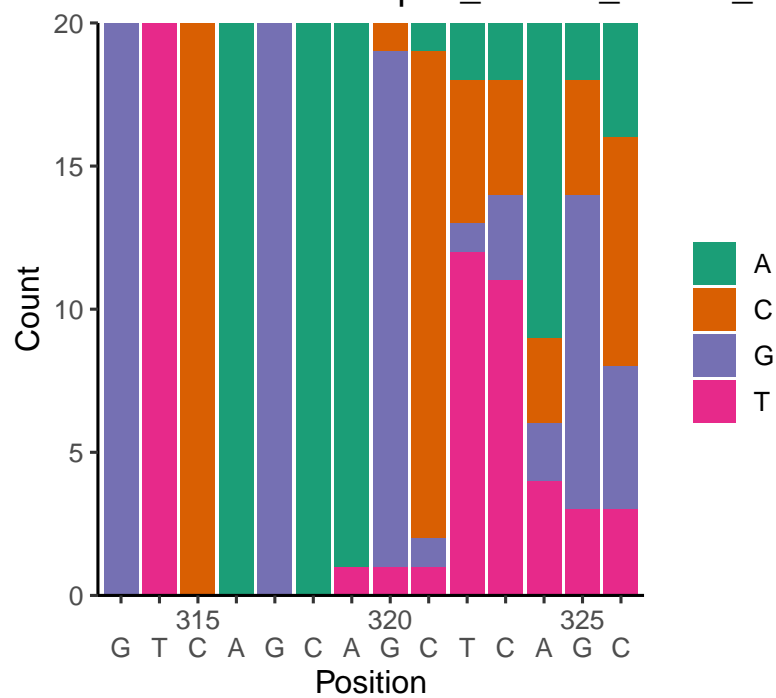
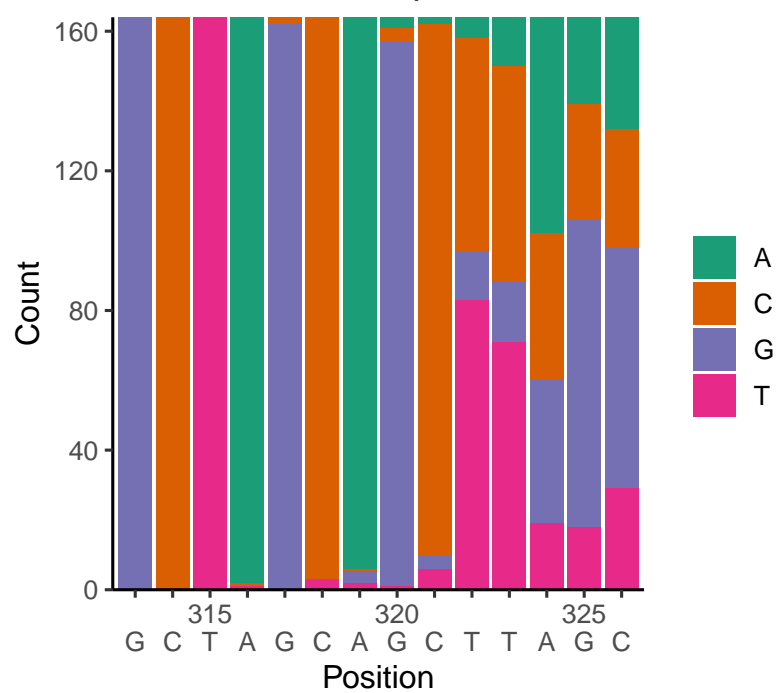


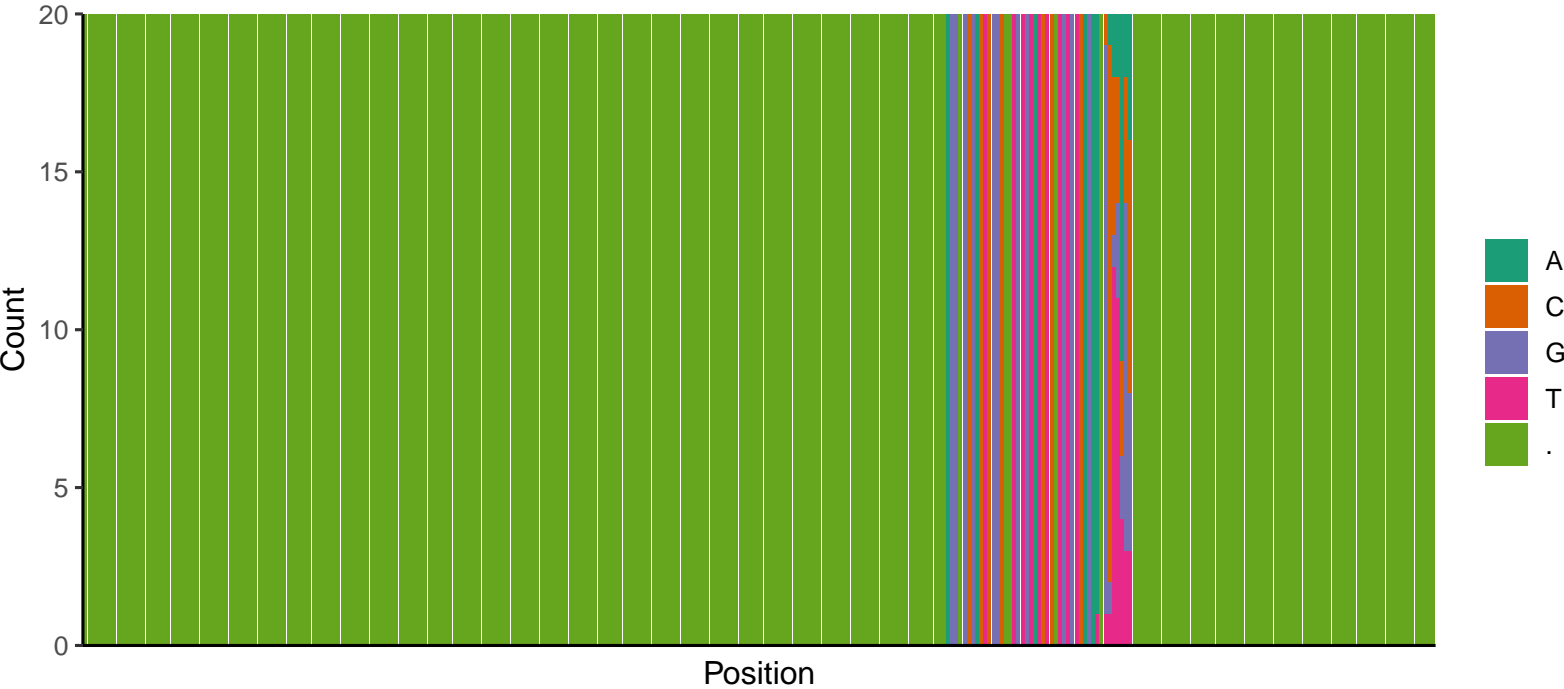
Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



Gene TRBV7-7\*ap01\_C315T



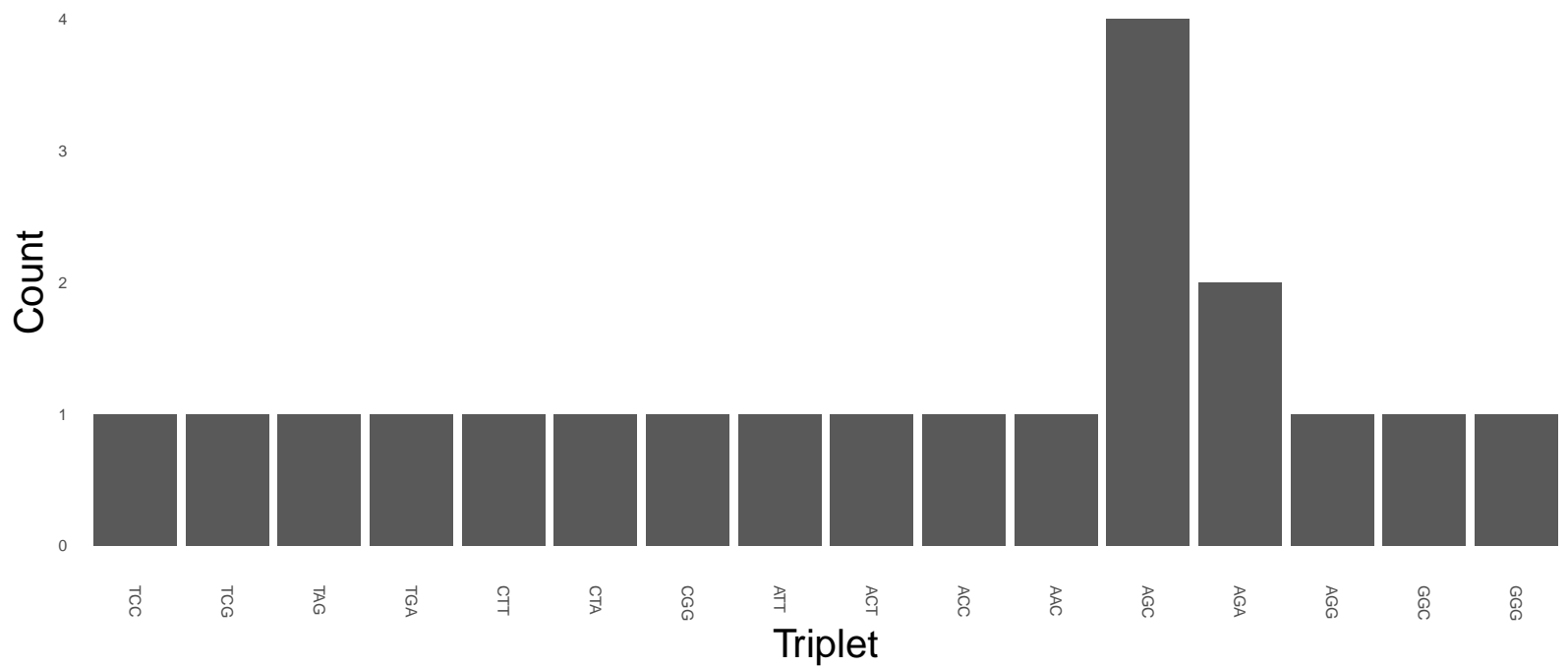
Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



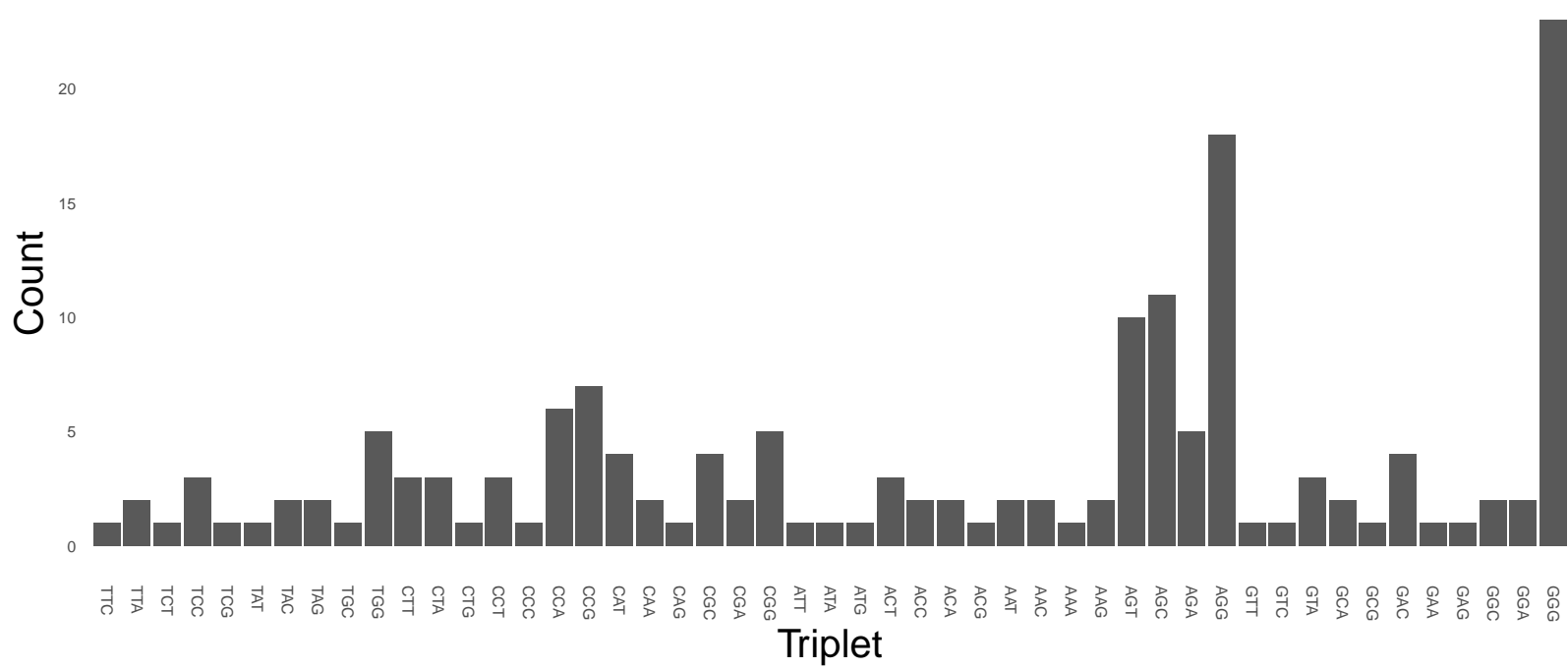
Gene TRBV7-7\*ap01\_C315T



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

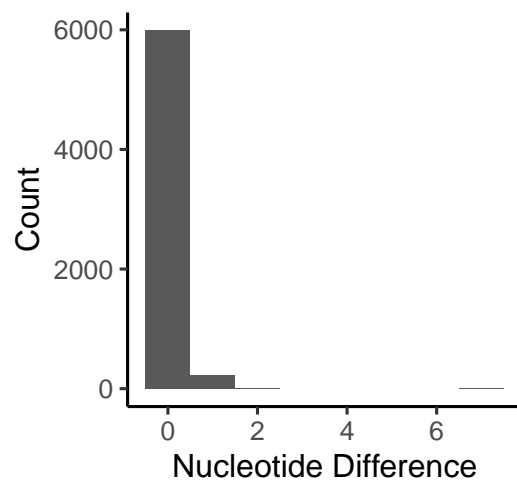


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



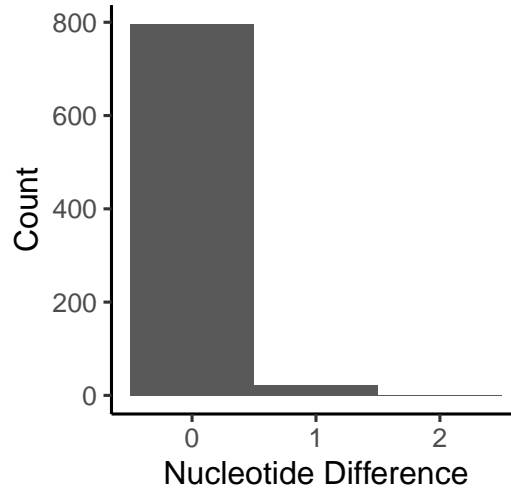
### TRBV20-1\*ap01

6224 sequences assigned  
5990 (96.2%) exact matches, in which:  
5713 unique CDR3  
13 unique J



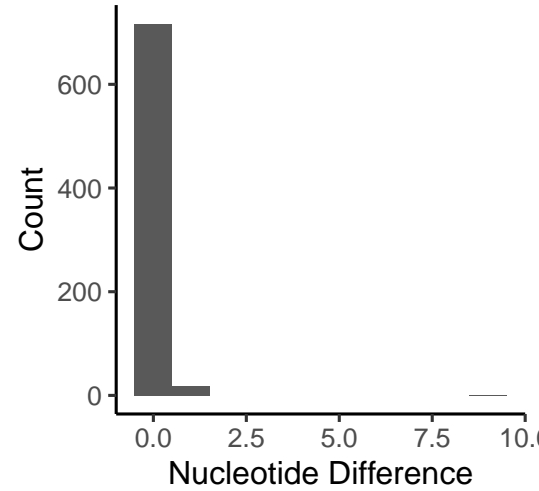
### TRBV10-3\*ap01

821 sequences assigned  
797 (97.1%) exact matches, in which:  
773 unique CDR3  
13 unique J



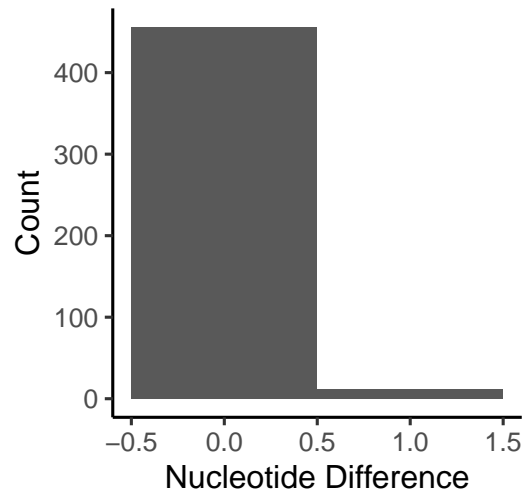
### TRBV14\*ap01

736 sequences assigned  
717 (97.4%) exact matches, in which:  
702 unique CDR3  
13 unique J



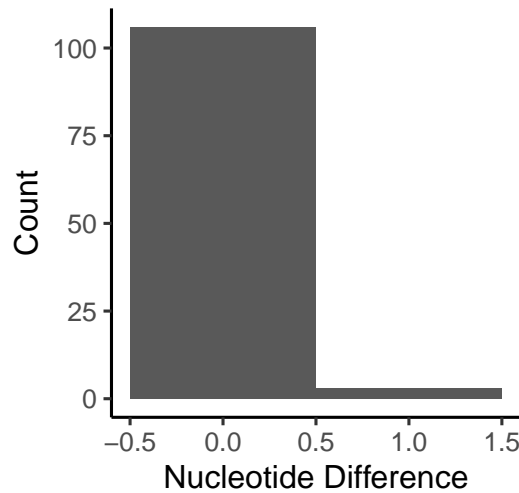
### TRBV10-1\*ap01

468 sequences assigned  
456 (97.4%) exact matches, in which:  
448 unique CDR3  
13 unique J



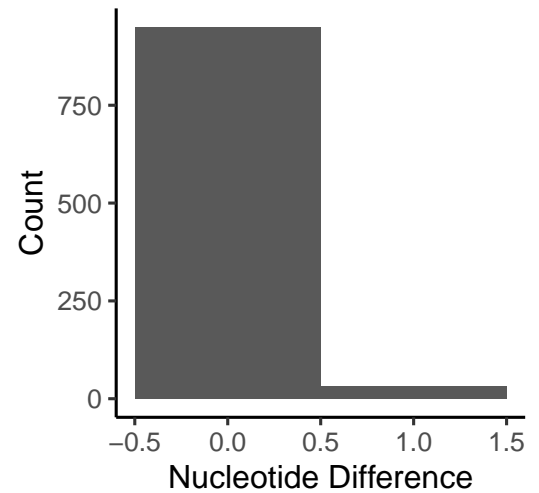
### TRBV1\*ap01

109 sequences assigned  
106 (97.2%) exact matches, in which:  
103 unique CDR3  
13 unique J



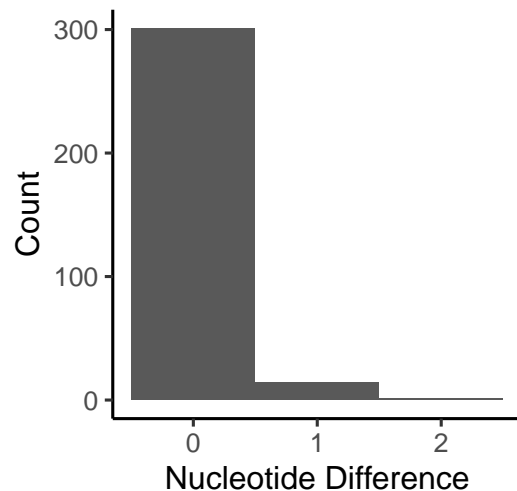
### TRBV15\*ap02

981 sequences assigned  
950 (96.8%) exact matches, in which:  
935 unique CDR3  
13 unique J



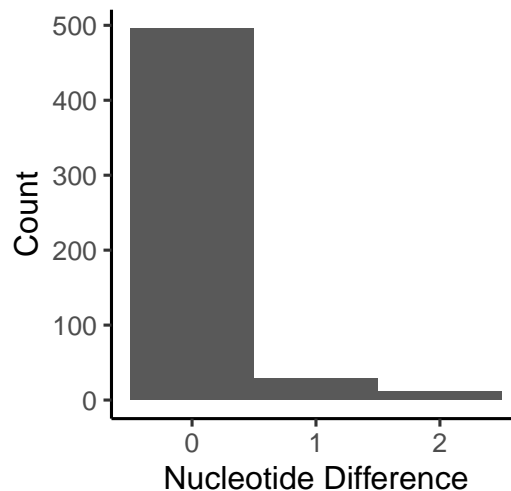
### TRBV10-2\*ap01

316 sequences assigned  
301 (95.3%) exact matches, in which:  
297 unique CDR3  
13 unique J



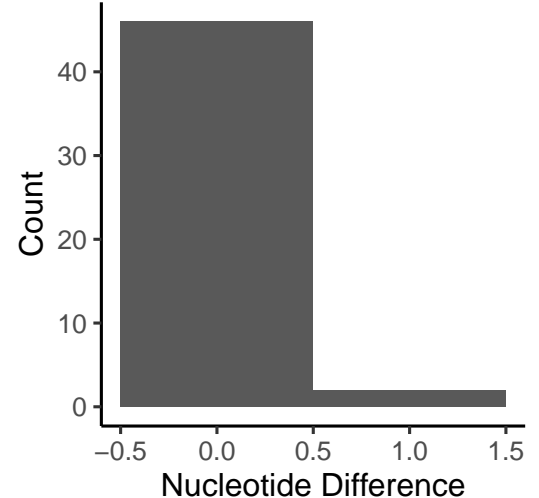
### TRBV13\*ap01

536 sequences assigned  
496 (92.5%) exact matches, in which:  
475 unique CDR3  
13 unique J



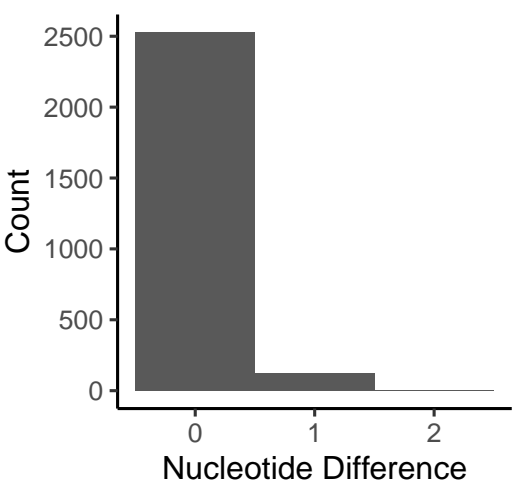
### TRBV16\*ap01

48 sequences assigned  
46 (95.8%) exact matches, in which:  
44 unique CDR3  
12 unique J



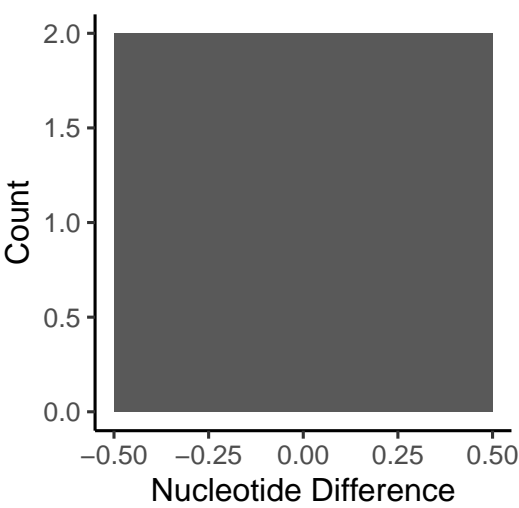
TRBV18\*ap01

2651 sequences assigned  
2527 (95.3%) exact matches, in which:  
2444 unique CDR3  
13 unique J



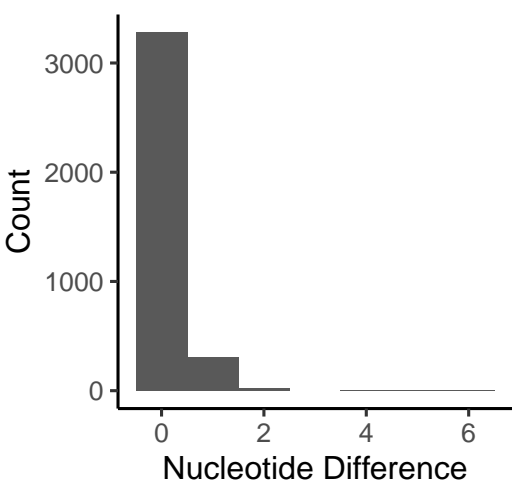
TRBV26\*ap01

2 sequences assigned  
2 (100%) exact matches, in which:  
2 unique CDR3  
2 unique J



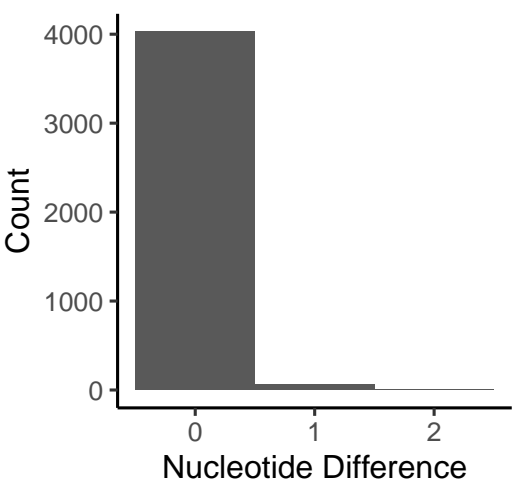
TRBV30\*ap01

3611 sequences assigned  
3280 (90.8%) exact matches, in which:  
3012 unique CDR3  
13 unique J



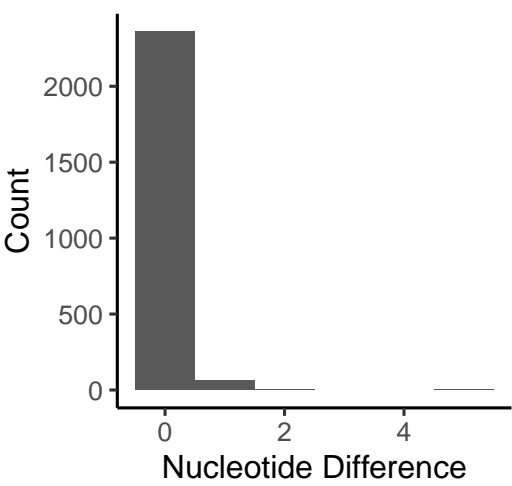
TRBV19\*ap01

4093 sequences assigned  
4028 (98.4%) exact matches, in which:  
3941 unique CDR3  
13 unique J



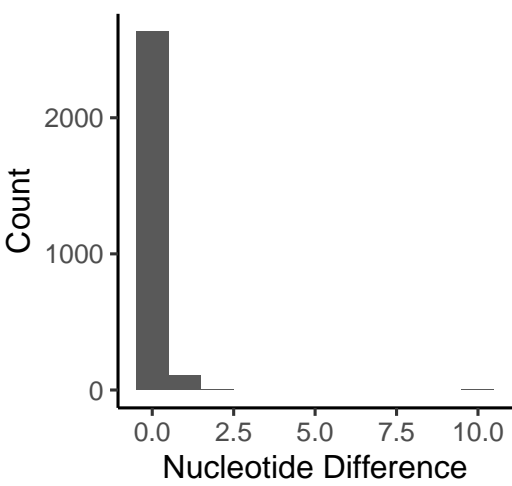
TRBV27\*ap01

2423 sequences assigned  
2359 (97.4%) exact matches, in which:  
2315 unique CDR3  
13 unique J



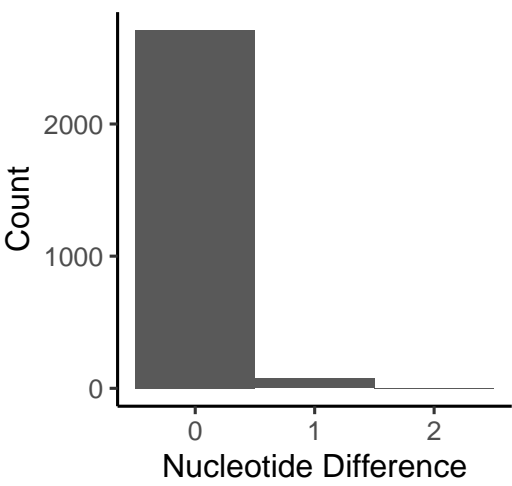
TRBV9\*ap01

2742 sequences assigned  
2632 (96%) exact matches, in which:  
2575 unique CDR3  
13 unique J



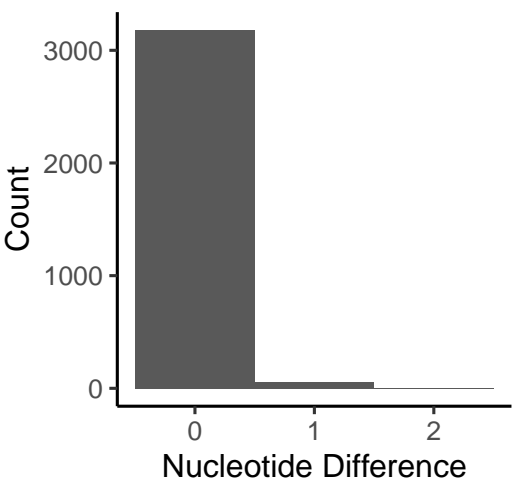
TRBV2\*ap01

2786 sequences assigned  
2711 (97.3%) exact matches, in which:  
2670 unique CDR3  
13 unique J



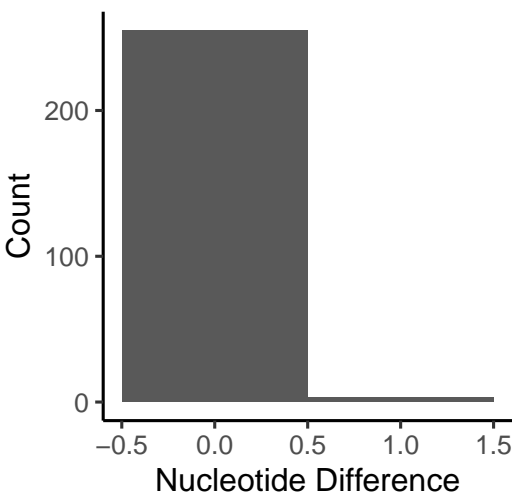
TRBV28\*ap01

3235 sequences assigned  
3180 (98.3%) exact matches, in which:  
3111 unique CDR3  
13 unique J



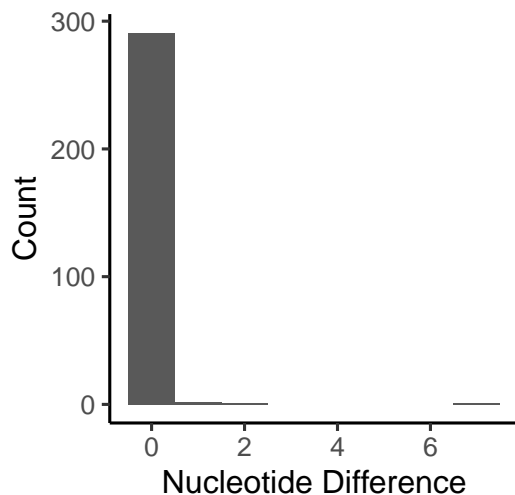
TRBV11-1\*ap01

258 sequences assigned  
255 (98.8%) exact matches, in which:  
248 unique CDR3  
13 unique J



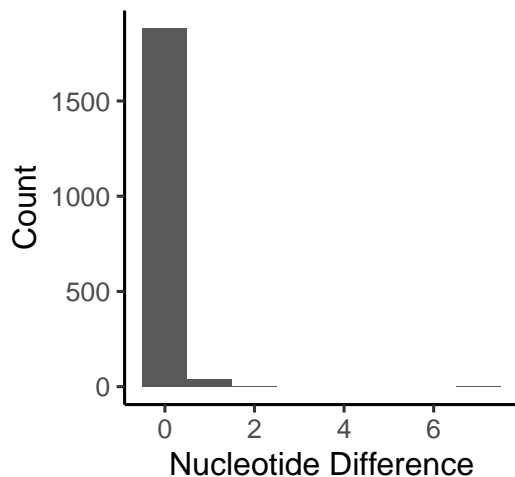
### TRBV21-1\*ap01

295 sequences assigned  
291 (98.6%) exact matches, in which:  
290 unique CDR3  
13 unique J



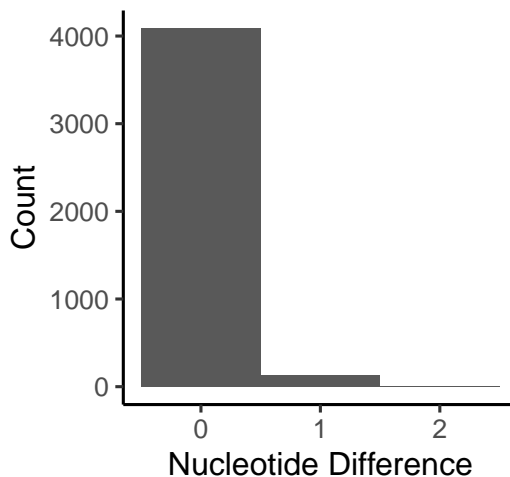
### TRBV4-1\*ap01

1925 sequences assigned  
1881 (97.7%) exact matches, in which:  
1821 unique CDR3  
13 unique J



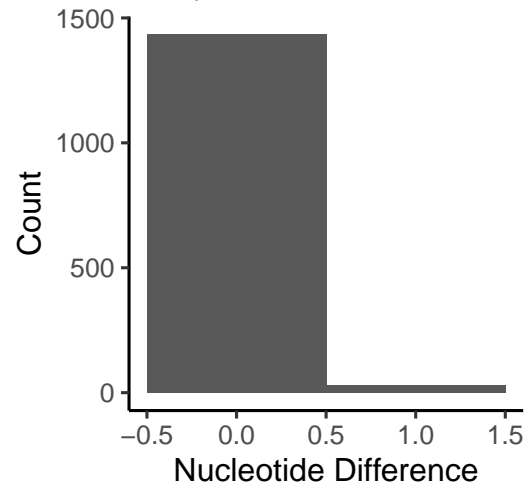
### TRBV5-1\*ap01

4223 sequences assigned  
4087 (96.8%) exact matches, in which:  
3928 unique CDR3  
13 unique J



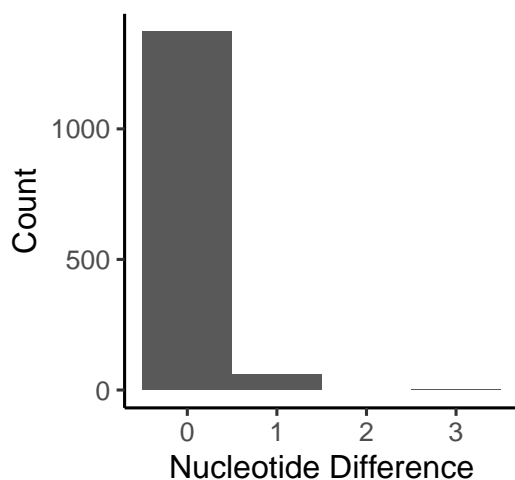
### TRBV5-4\*ap01

1465 sequences assigned  
1434 (97.9%) exact matches, in which:  
1396 unique CDR3  
13 unique J



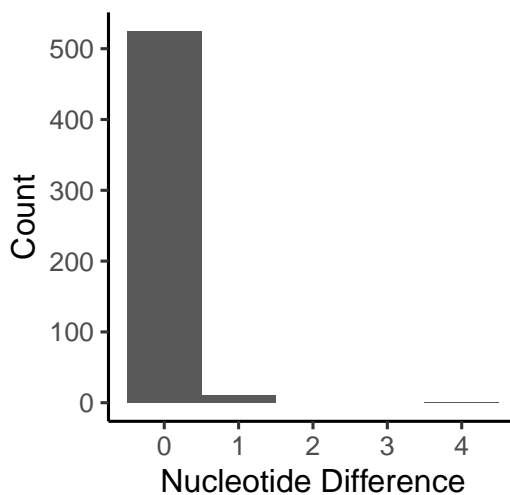
### TRBV24-1\*ap01

1431 sequences assigned  
1372 (95.9%) exact matches, in which:  
1335 unique CDR3  
13 unique J



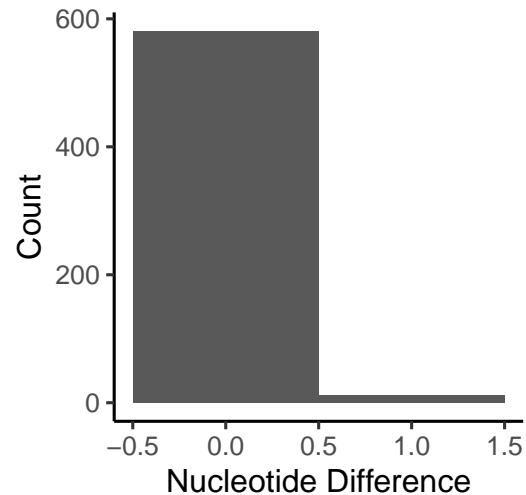
### TRBV25-1\*ap01

536 sequences assigned  
525 (97.9%) exact matches, in which:  
509 unique CDR3  
13 unique J



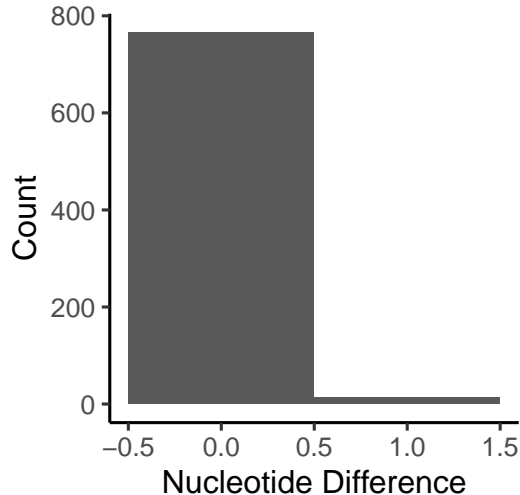
### TRBV5-5\*ap01

592 sequences assigned  
581 (98.1%) exact matches, in which:  
561 unique CDR3  
13 unique J



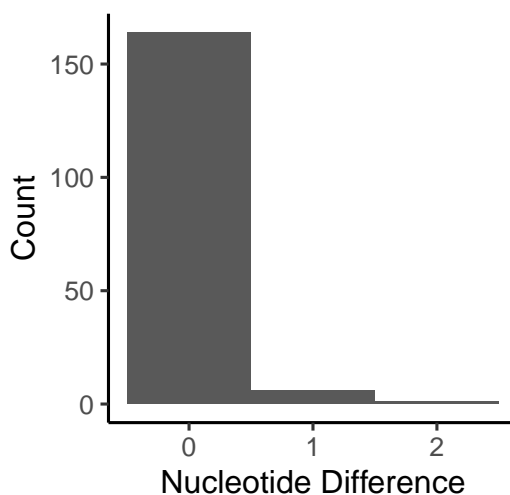
### TRBV4-2\*ap01

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



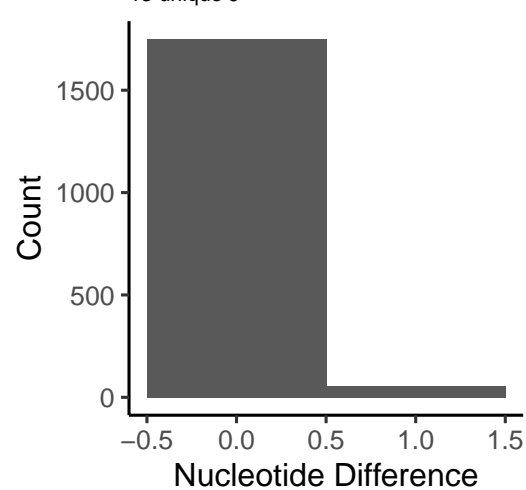
### TRBV5-3\*ap01

171 sequences assigned  
164 (95.9%) exact matches, in which:  
160 unique CDR3  
13 unique J



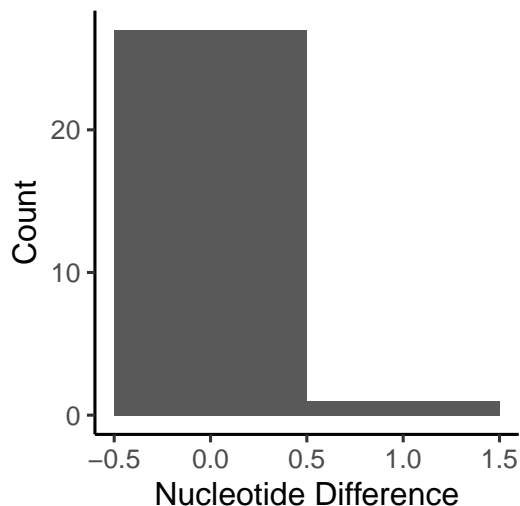
### TRBV5-6\*ap01

1805 sequences assigned  
1750 (97%) exact matches, in which:  
1653 unique CDR3  
13 unique J



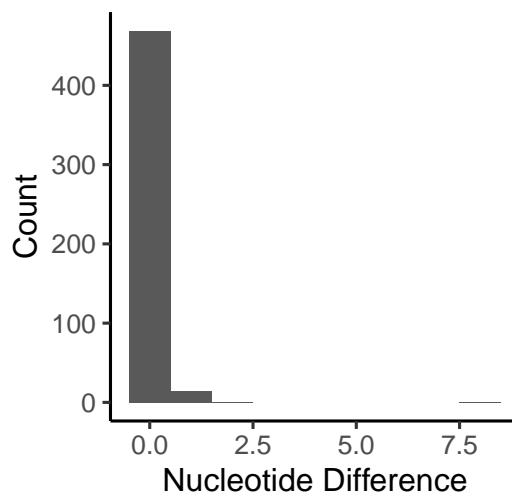
### TRBV5-7\*ap01

28 sequences assigned  
27 (96.4%) exact matches, in which:  
26 unique CDR3  
9 unique J



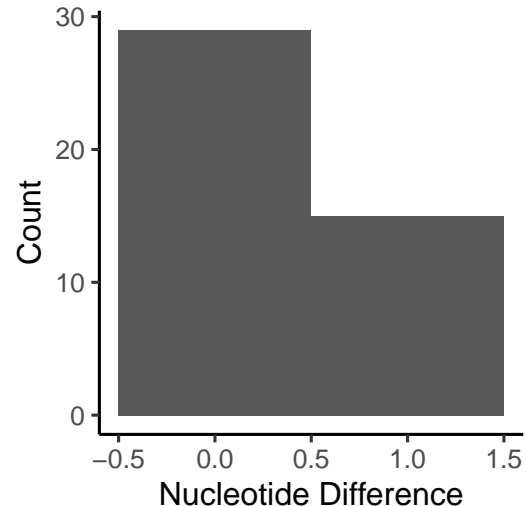
### TRBV6-4\*ap01

485 sequences assigned  
469 (96.7%) exact matches, in which:  
459 unique CDR3  
13 unique J



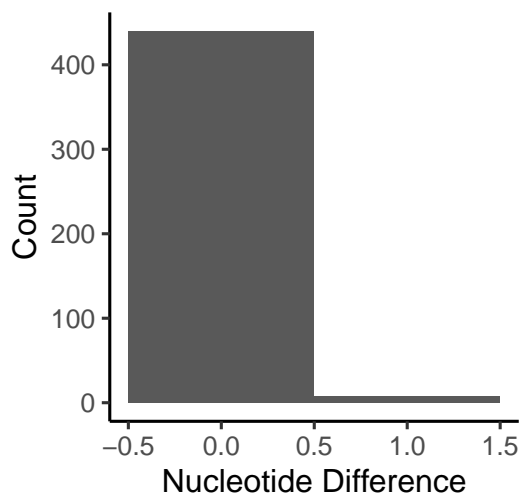
### TRBV6-9\*ap01

44 sequences assigned  
29 (65.9%) exact matches, in which:  
28 unique CDR3  
9 unique J



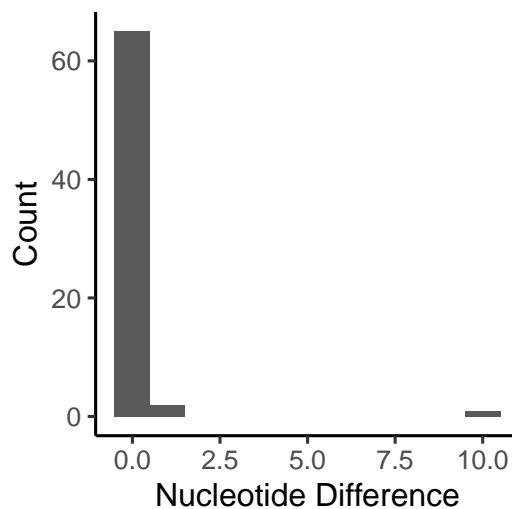
### TRBV5-8\*ap01

448 sequences assigned  
440 (98.2%) exact matches, in which:  
434 unique CDR3  
13 unique J



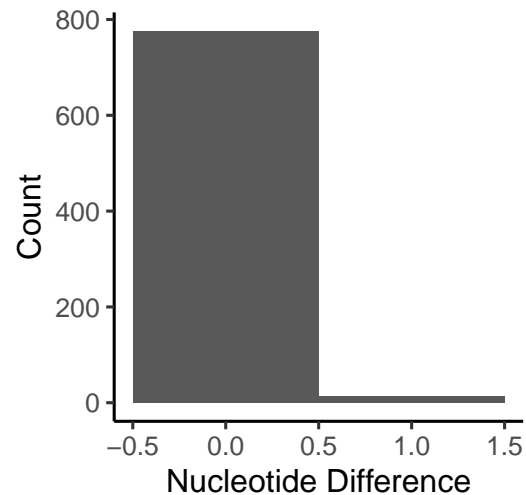
### TRBV6-7\*ap01

68 sequences assigned  
65 (95.6%) exact matches, in which:  
62 unique CDR3  
12 unique J



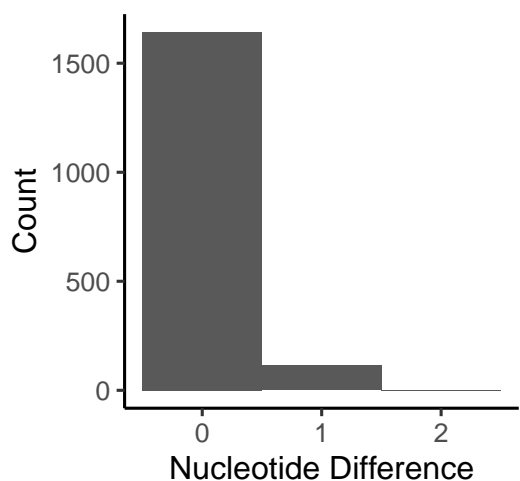
### TRBV6-23\*ap01

790 sequences assigned  
776 (98.2%) exact matches, in which:  
765 unique CDR3  
13 unique J



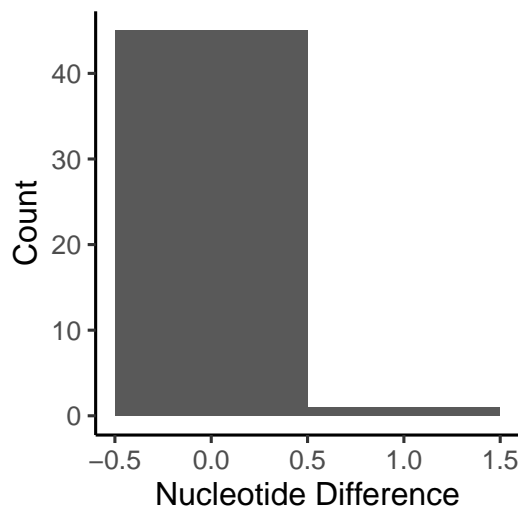
### TRBV6-1\*ap01

1759 sequences assigned  
1643 (93.4%) exact matches, in which:  
1598 unique CDR3  
13 unique J



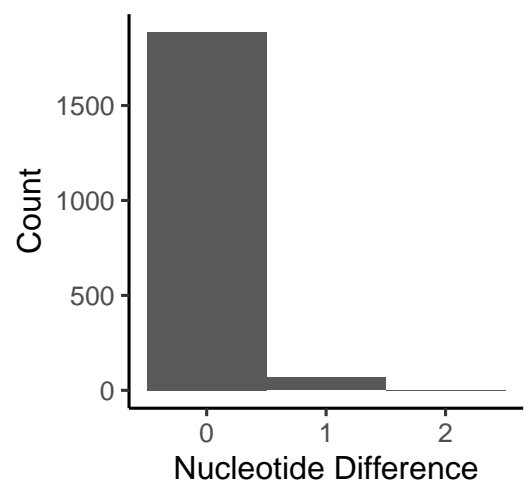
### TRBV6-8\*ap01

46 sequences assigned  
45 (97.8%) exact matches, in which:  
41 unique CDR3  
10 unique J



### TRBV6-56\*ap01

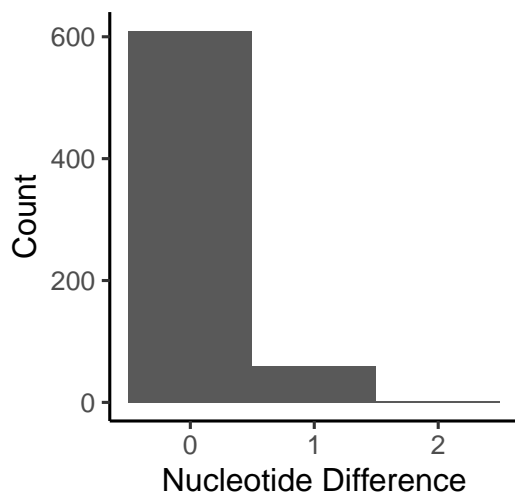
1956 sequences assigned  
1887 (96.5%) exact matches, in which:  
1841 unique CDR3  
13 unique J





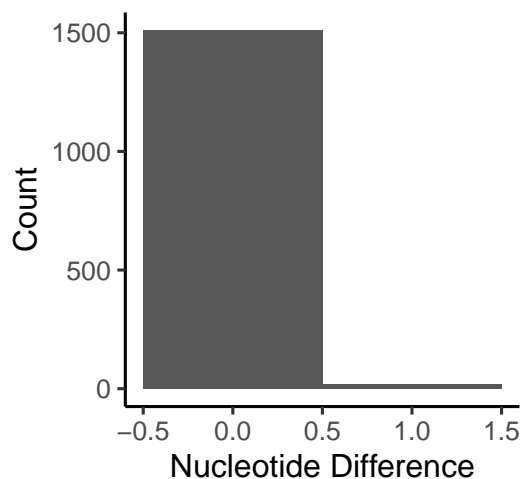
### TRBV6–56\*ap02

672 sequences assigned  
610 (90.8%) exact matches, in which:  
586 unique CDR3  
13 unique J



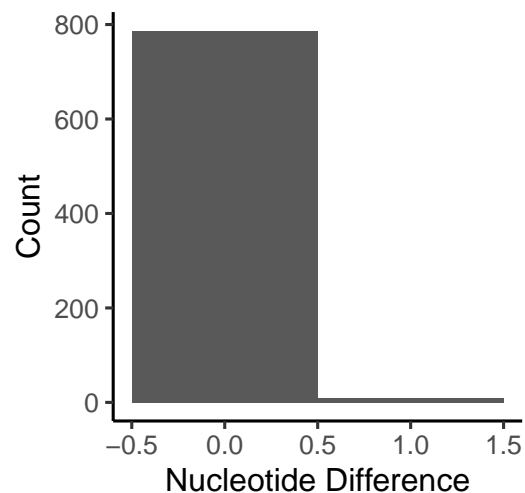
### TRBV7–2\*ap01

1527 sequences assigned  
1510 (98.9%) exact matches, in which:  
1473 unique CDR3  
13 unique J



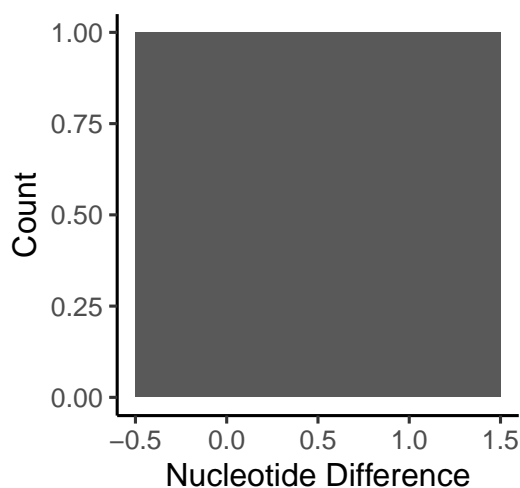
### TRBV7–6\*ap01

796 sequences assigned  
787 (98.9%) exact matches, in which:  
767 unique CDR3  
13 unique J



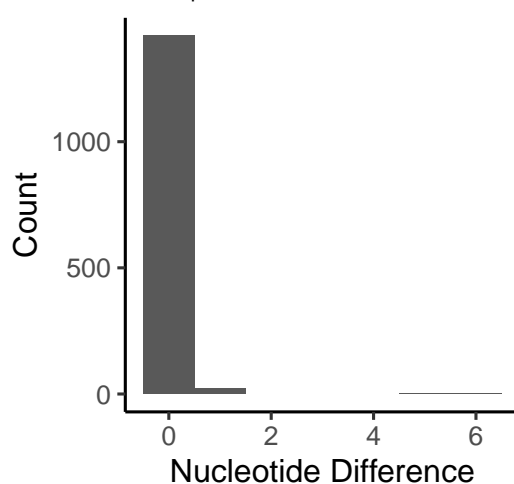
### TRBV7–1\*ap01

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



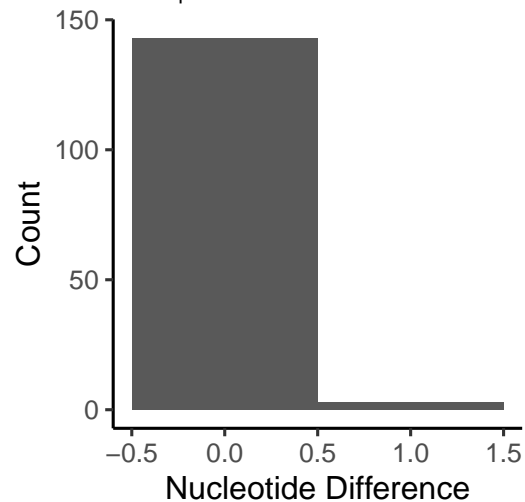
### TRBV7–3\*ap01

1442 sequences assigned  
1420 (98.5%) exact matches, in which:  
1383 unique CDR3  
13 unique J



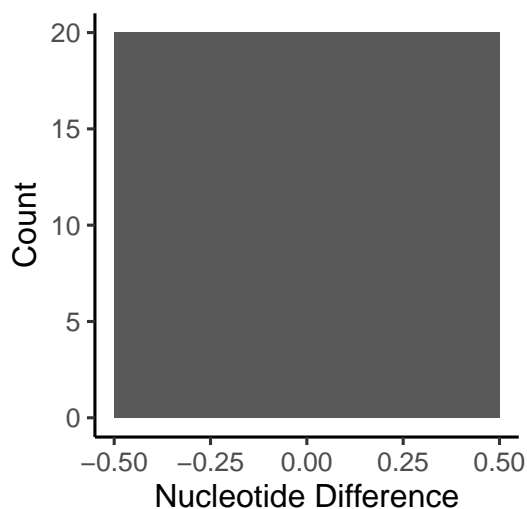
### TRBV7–7\*ap01

146 sequences assigned  
143 (97.9%) exact matches, in which:  
136 unique CDR3  
12 unique J



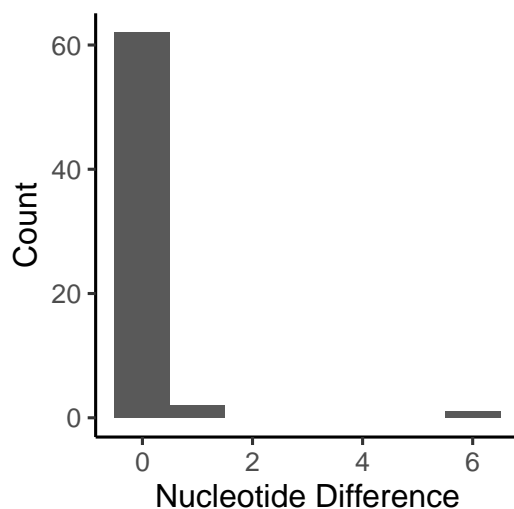
### TRBV7–1\*ap01\_G291C\_T

20 sequences assigned  
20 (100%) exact matches, in which:  
19 unique CDR3  
8 unique J



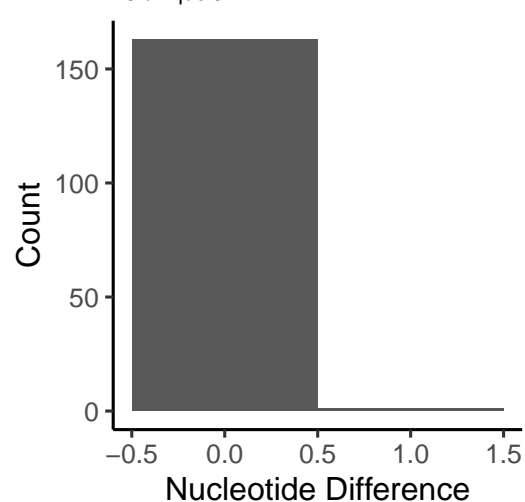
### TRBV7–4\*ap01

65 sequences assigned  
62 (95.4%) exact matches, in which:  
62 unique CDR3  
12 unique J



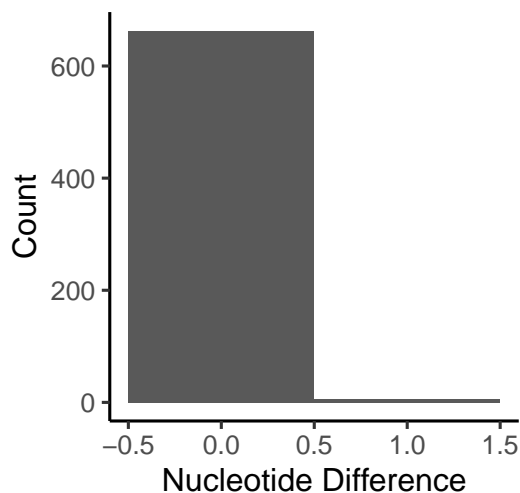
### TRBV7–7\*ap01\_C315T

164 sequences assigned  
163 (99.4%) exact matches, in which:  
157 unique CDR3  
13 unique J



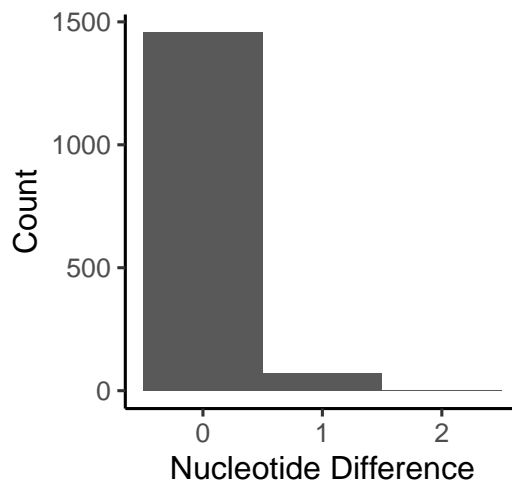
### TRBV7-8\*ap01

669 sequences assigned  
663 (99.1%) exact matches, in which:  
646 unique CDR3  
13 unique J



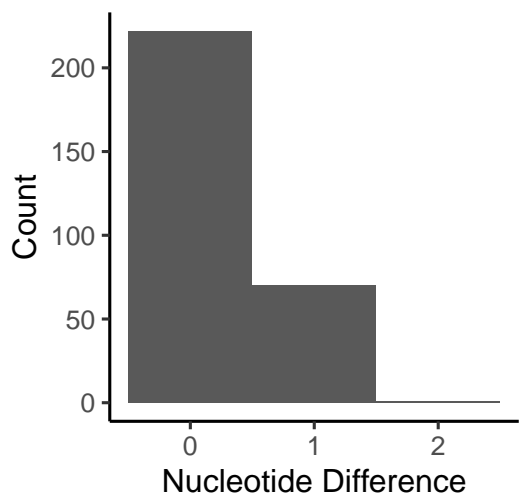
### TRBV29-1\*ap01

1533 sequences assigned  
1457 (95%) exact matches, in which:  
1362 unique CDR3  
13 unique J



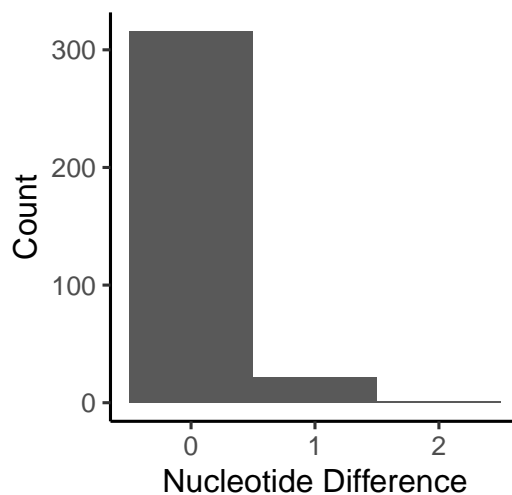
### TRBV7-8\*ap03

293 sequences assigned  
222 (75.8%) exact matches, in which:  
214 unique CDR3  
13 unique J



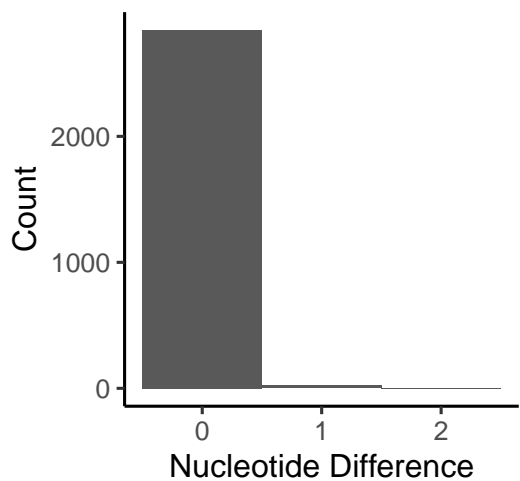
### TRBV29-1\*ap02

339 sequences assigned  
316 (93.2%) exact matches, in which:  
292 unique CDR3  
13 unique J

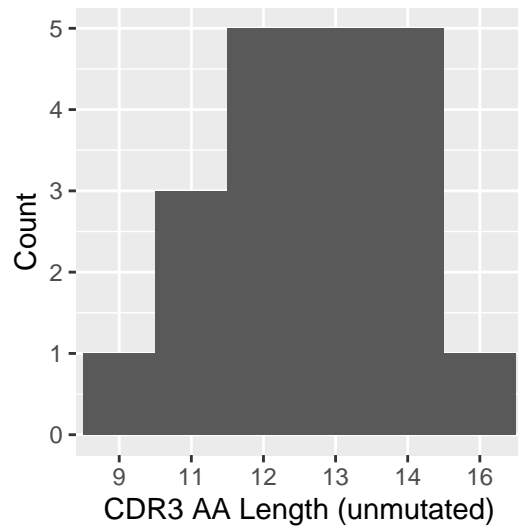


### TRBV7-9\*ap01

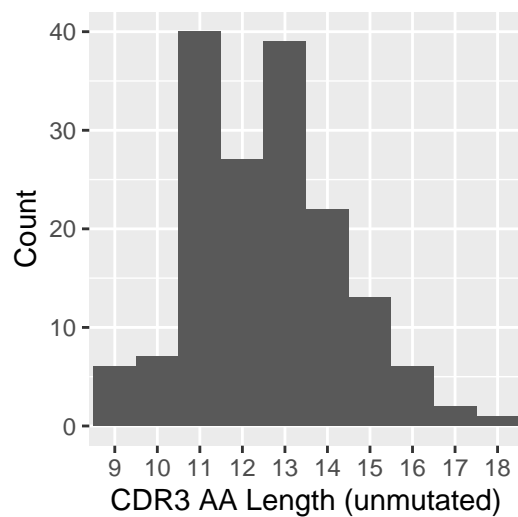
2868 sequences assigned  
2844 (99.2%) exact matches, in which:  
2760 unique CDR3  
13 unique J



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



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.