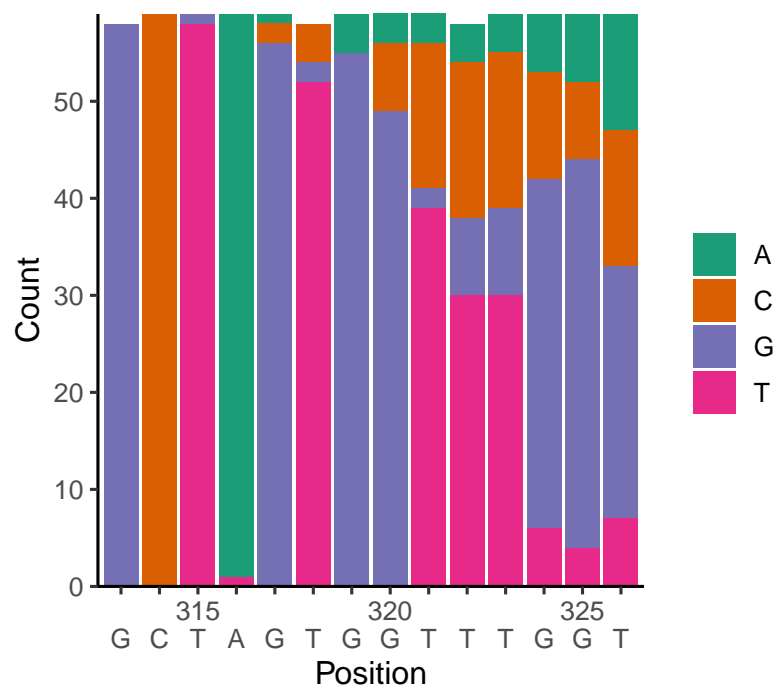


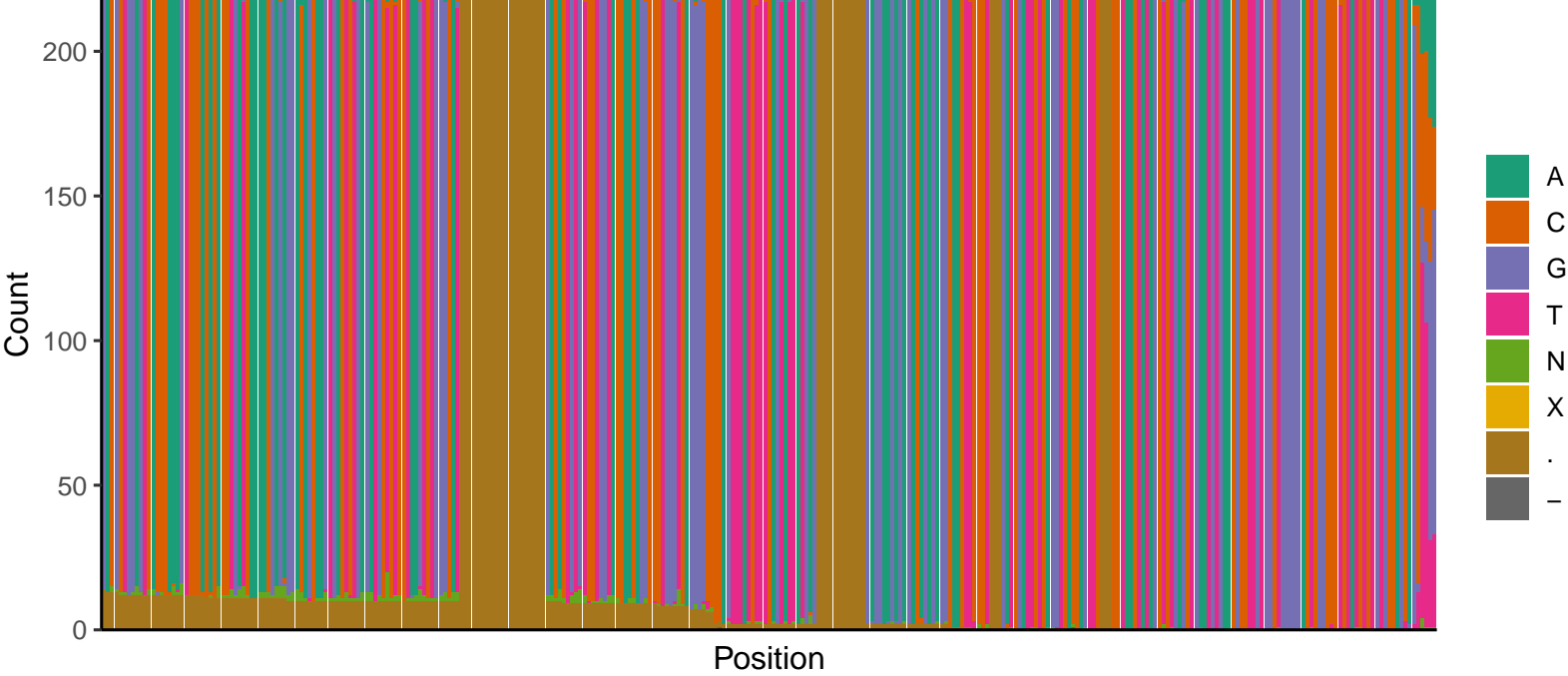
Gene TRBV12-5\*01\_C28G



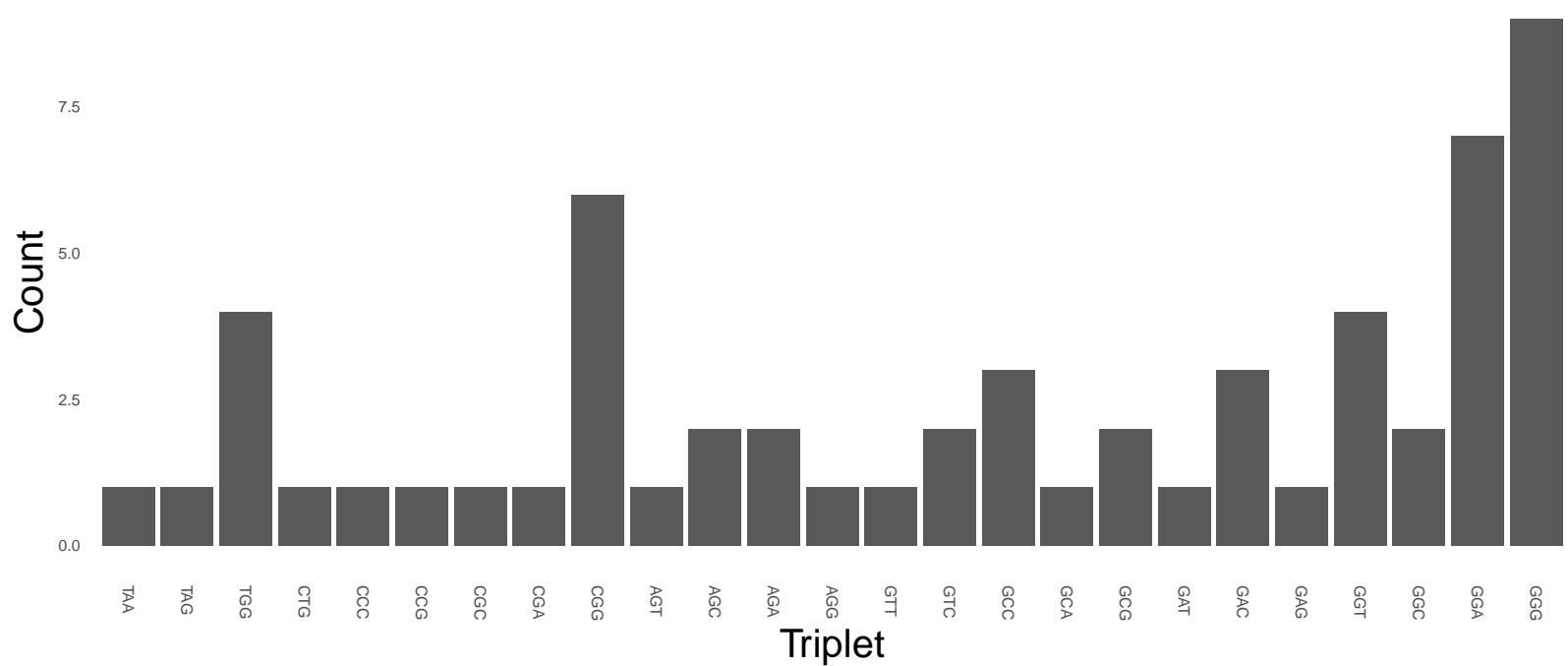
Gene TRBV12-5\*01\_C28G



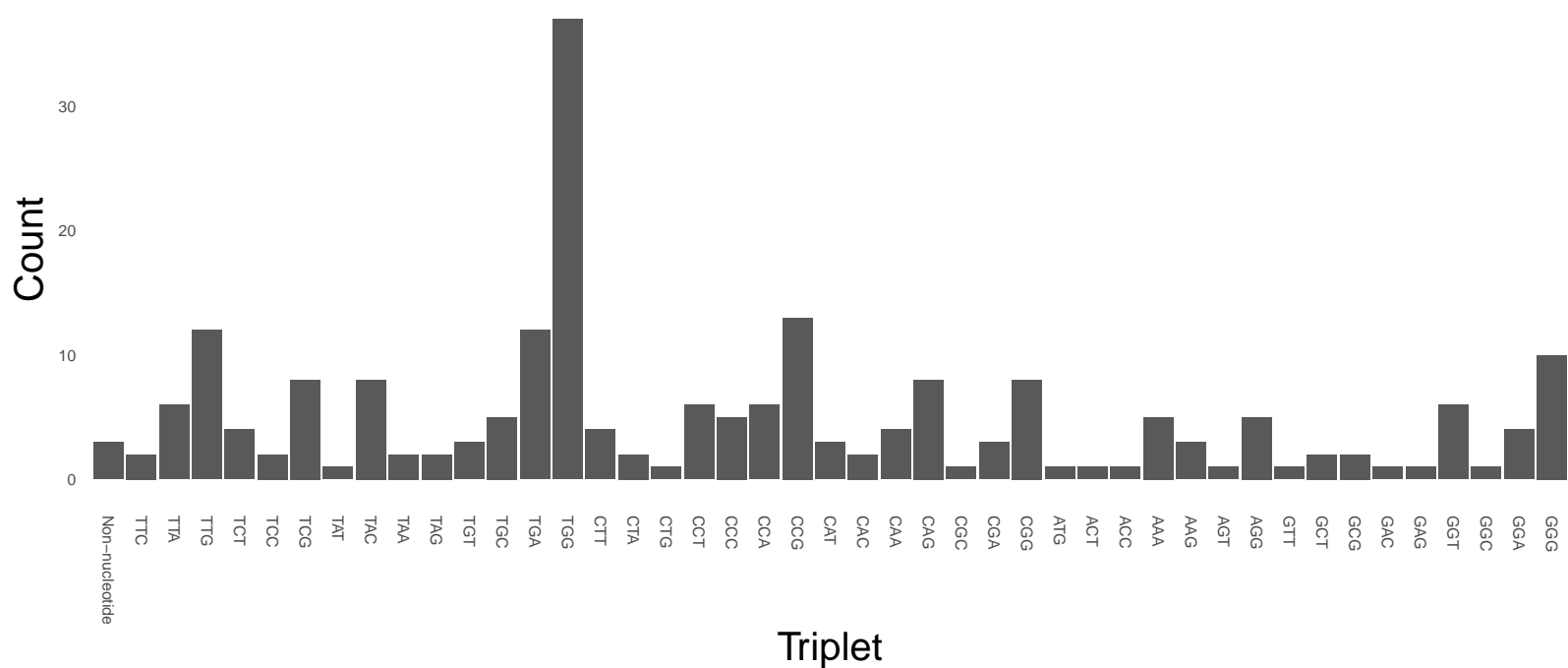
Gene TRBV5-6\*01\_T284G



TRBV12–5\*01\_C28G– Final 3 nucleotides as a triplet

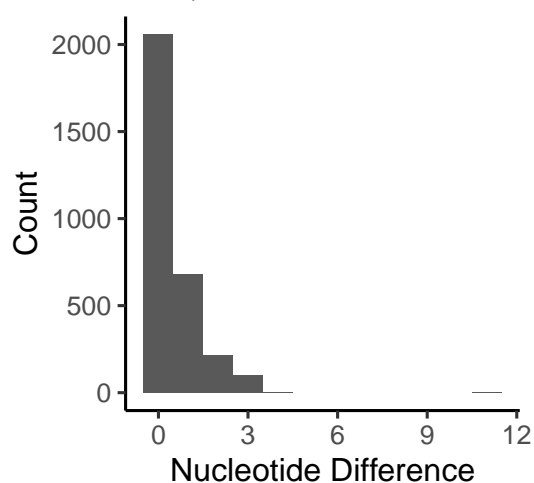


TRBV5–6\*01\_T284G– Final 3 nucleotides as a triplet



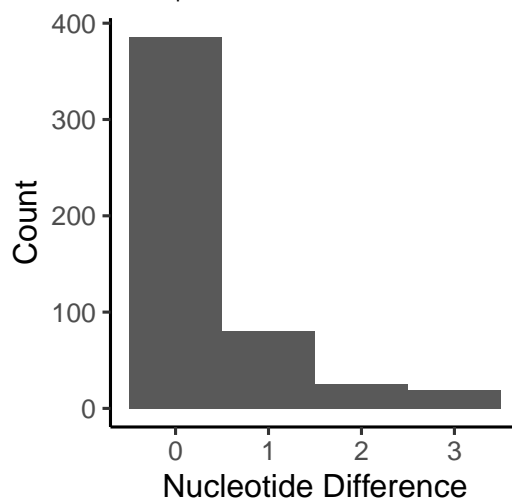
### TRBV20-1\*01

3060 sequences assigned  
2058 (67.3%) exact matches, in which:  
1851 unique CDR3  
13 unique J



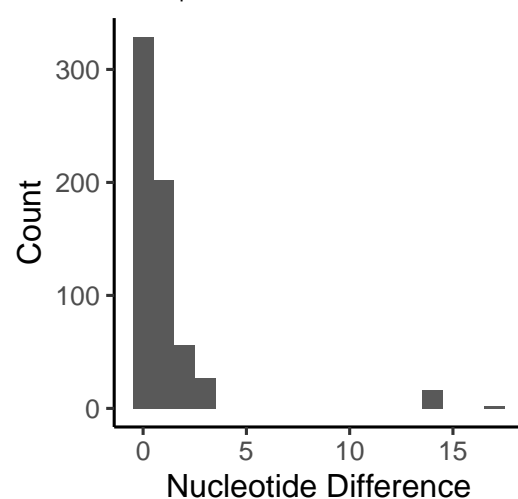
### TRBV10-3\*01

510 sequences assigned  
386 (75.7%) exact matches, in which:  
356 unique CDR3  
13 unique J



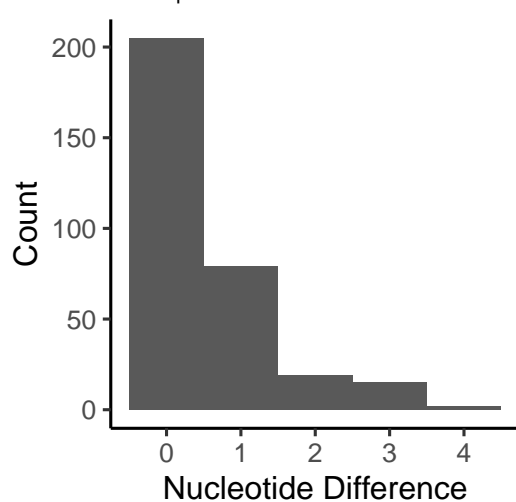
### TRBV13\*01

632 sequences assigned  
329 (52.1%) exact matches, in which:  
212 unique CDR3  
13 unique J



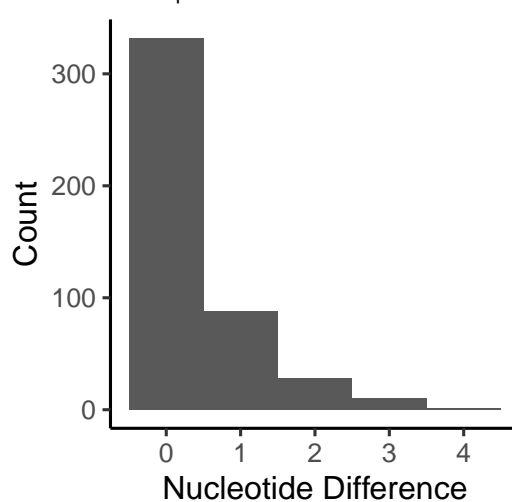
### TRBV10-1\*01

320 sequences assigned  
205 (64.1%) exact matches, in which:  
158 unique CDR3  
12 unique J



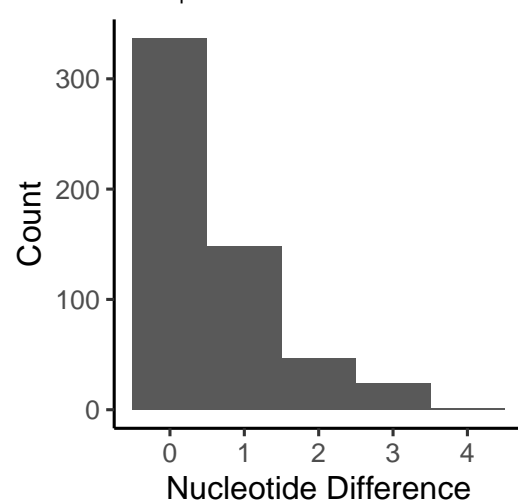
### TRBV10-3\*02

459 sequences assigned  
332 (72.3%) exact matches, in which:  
307 unique CDR3  
13 unique J



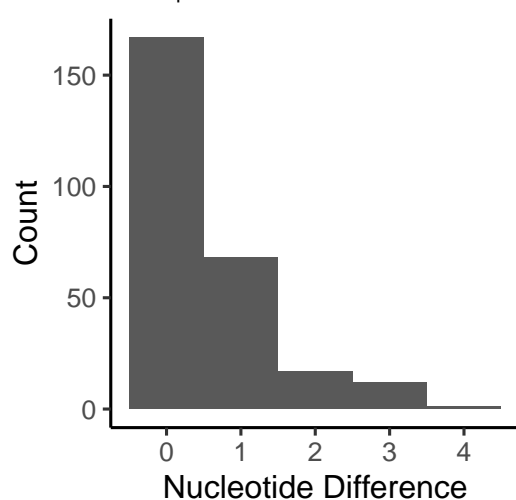
### TRBV14\*01

557 sequences assigned  
337 (60.5%) exact matches, in which:  
246 unique CDR3  
13 unique J



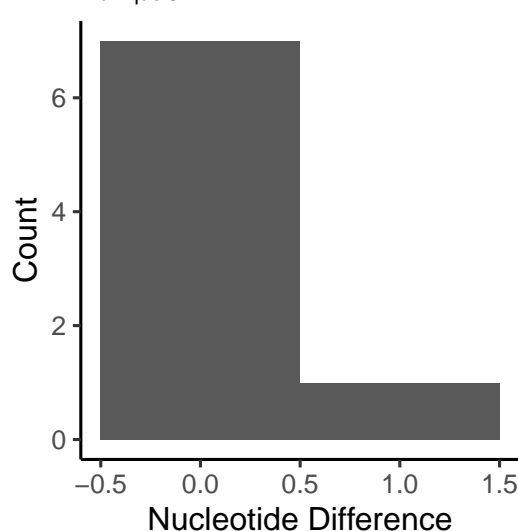
### TRBV10-2\*01

266 sequences assigned  
167 (62.8%) exact matches, in which:  
101 unique CDR3  
13 unique J



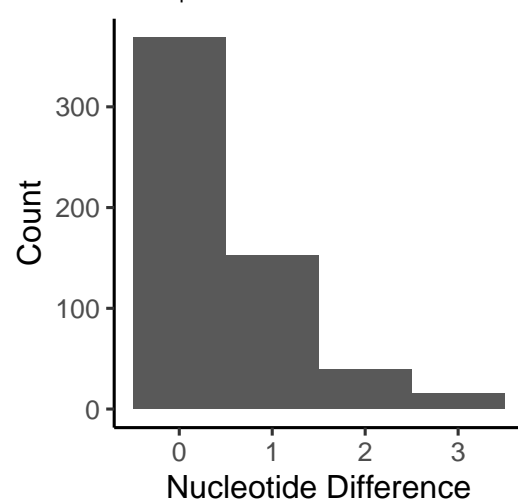
### TRBV1\*01

8 sequences assigned  
7 (87.5%) exact matches, in which:  
7 unique CDR3  
4 unique J



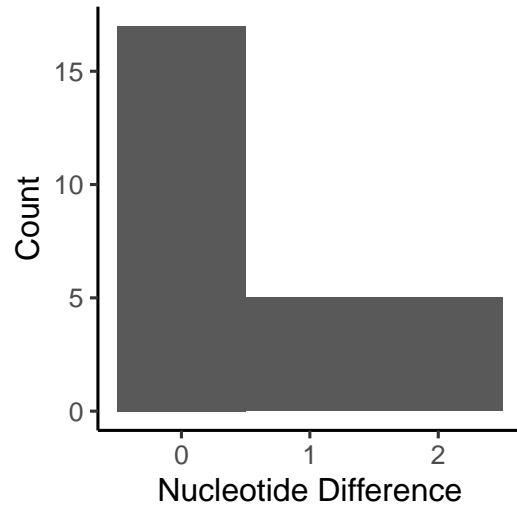
### TRBV15\*02

575 sequences assigned  
369 (64.2%) exact matches, in which:  
333 unique CDR3  
13 unique J



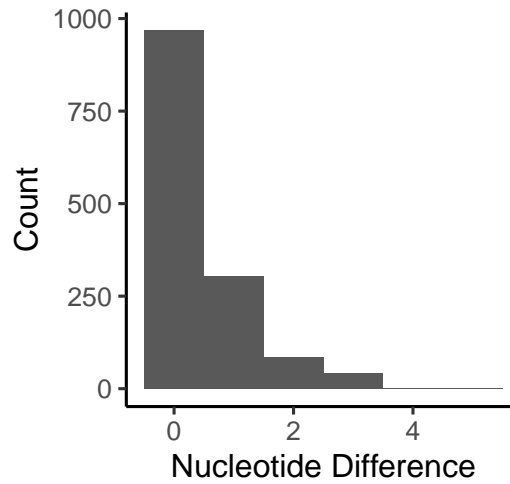
### TRBV16\*01

27 sequences assigned  
17 (63%) exact matches, in which:  
17 unique CDR3  
8 unique J



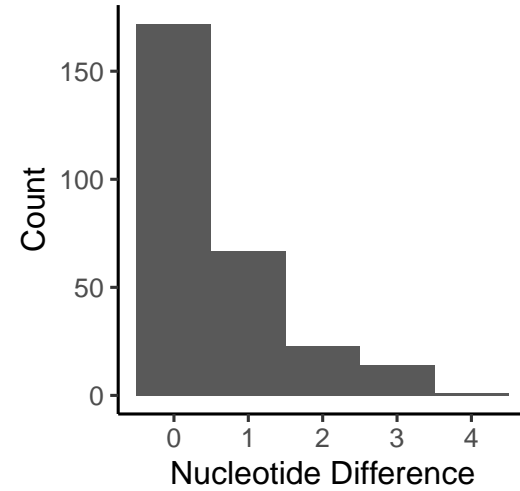
### TRBV2\*01

1400 sequences assigned  
968 (69.1%) exact matches, in which:  
859 unique CDR3  
13 unique J



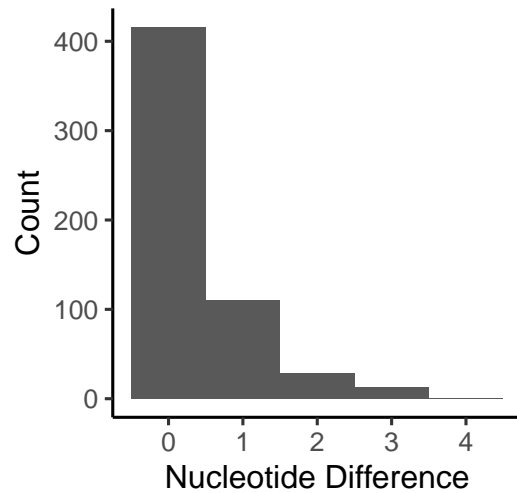
### TRBV30\*01

277 sequences assigned  
172 (62.1%) exact matches, in which:  
161 unique CDR3  
13 unique J



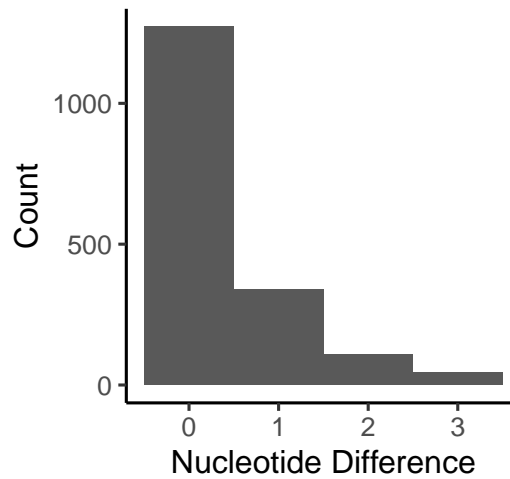
### TRBV18\*01

568 sequences assigned  
416 (73.2%) exact matches, in which:  
370 unique CDR3  
13 unique J



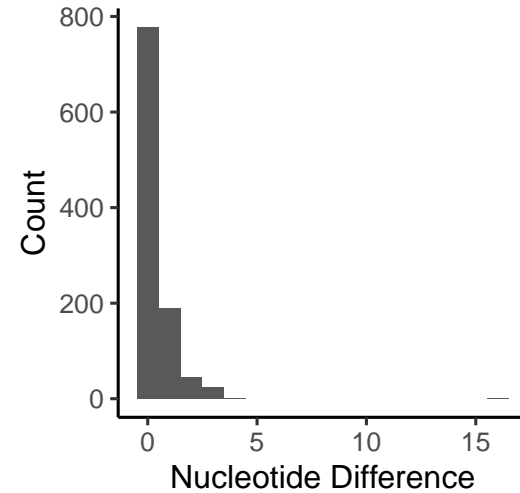
### TRBV27\*01

1768 sequences assigned  
1272 (71.9%) exact matches, in which:  
1162 unique CDR3  
13 unique J



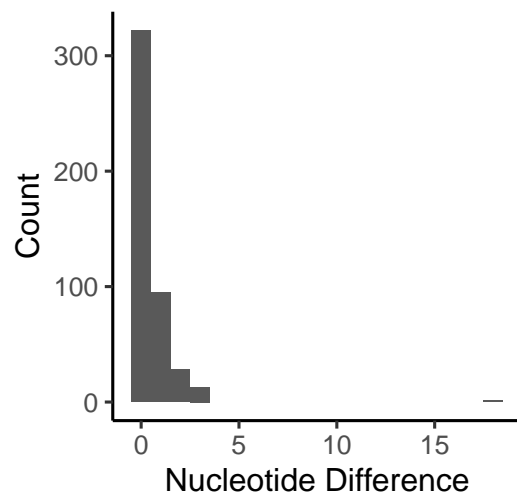
### TRBV9\*01

1040 sequences assigned  
778 (74.8%) exact matches, in which:  
729 unique CDR3  
13 unique J



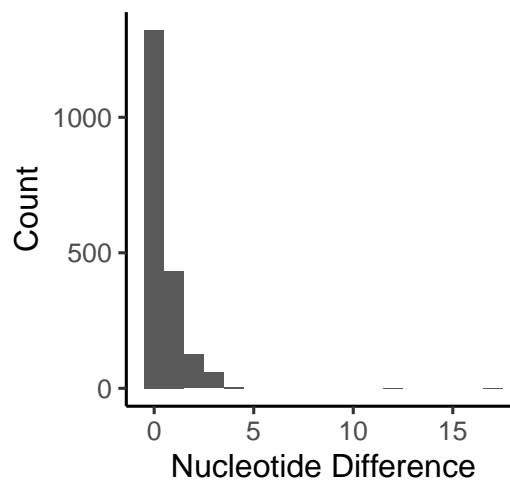
### TRBV19\*01

460 sequences assigned  
322 (70%) exact matches, in which:  
308 unique CDR3  
13 unique J



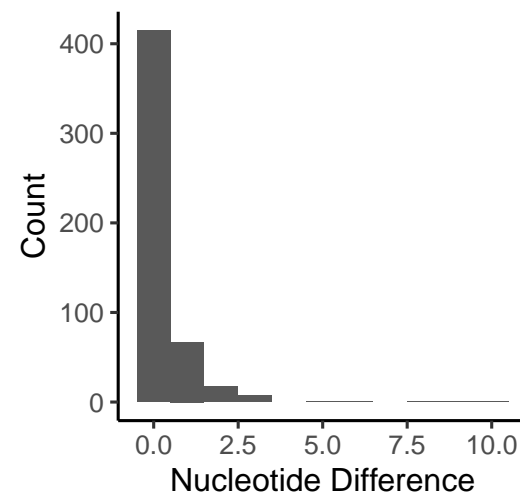
### TRBV28\*01

1946 sequences assigned  
1322 (67.9%) exact matches, in which:  
1045 unique CDR3  
13 unique J



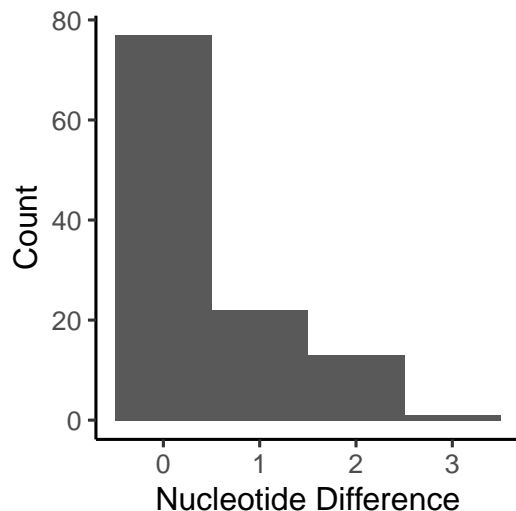
### TRBV21-1\*01

512 sequences assigned  
415 (81.1%) exact matches, in which:  
393 unique CDR3  
13 unique J



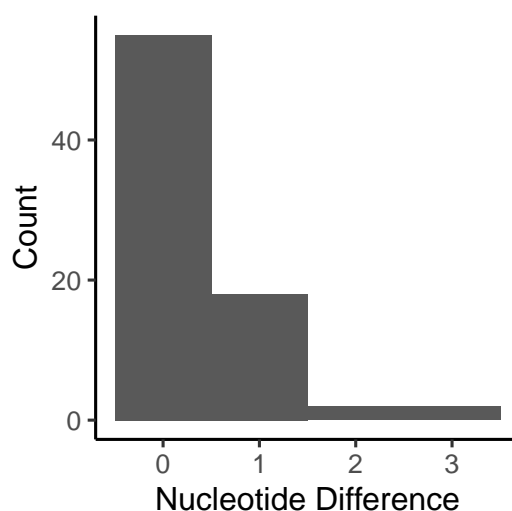
### TRBV11-1\*01

113 sequences assigned  
77 (68.1%) exact matches, in which:  
71 unique CDR3  
12 unique J



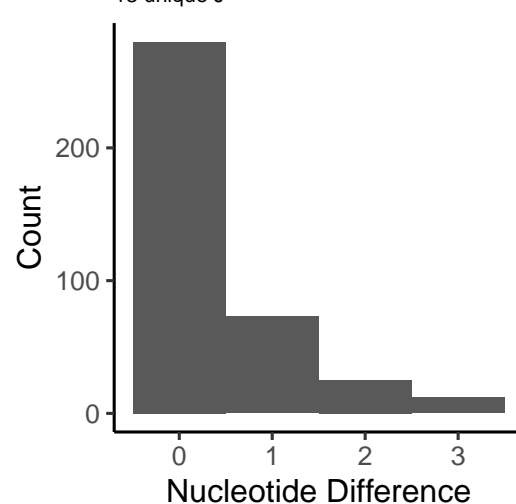
### TRBV11-3\*01

77 sequences assigned  
55 (71.4%) exact matches, in which:  
55 unique CDR3  
8 unique J



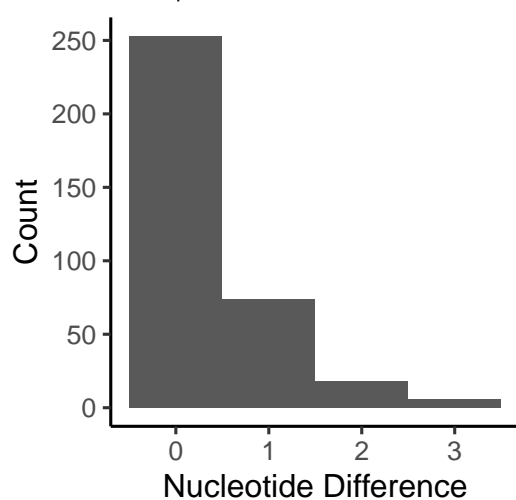
### TRBV12-4\*01

390 sequences assigned  
280 (71.8%) exact matches, in which:  
265 unique CDR3  
13 unique J



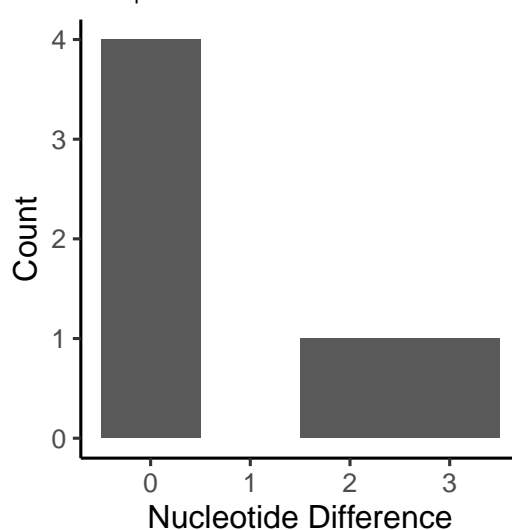
### TRBV11-2\*01

352 sequences assigned  
253 (71.9%) exact matches, in which:  
231 unique CDR3  
13 unique J



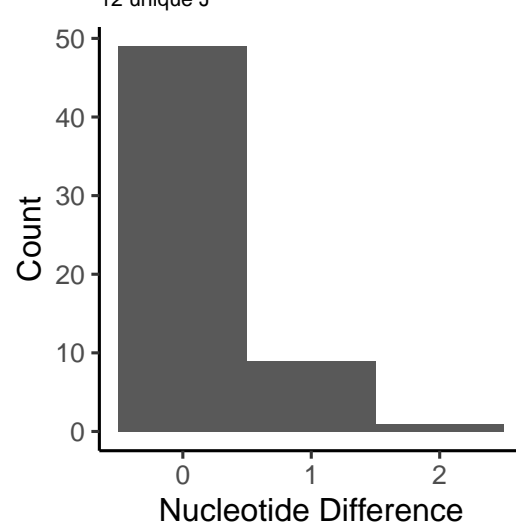
### TRBV12-1\*01

6 sequences assigned  
4 (66.7%) exact matches, in which:  
4 unique CDR3  
3 unique J



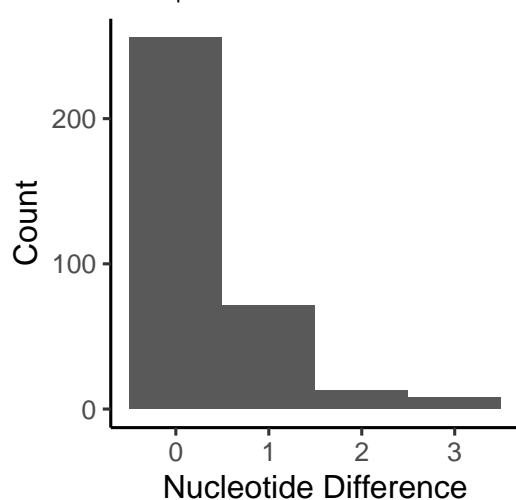
### TRBV12-5\*01\_C28G

59 sequences assigned  
49 (83.1%) exact matches, in which:  
47 unique CDR3  
12 unique J



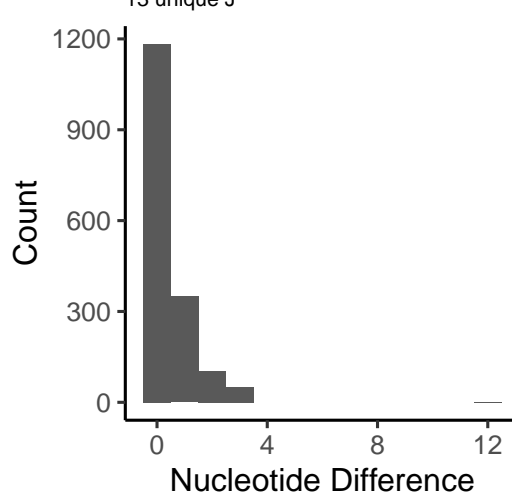
### TRBV11-2\*03

348 sequences assigned  
256 (73.6%) exact matches, in which:  
239 unique CDR3  
13 unique J



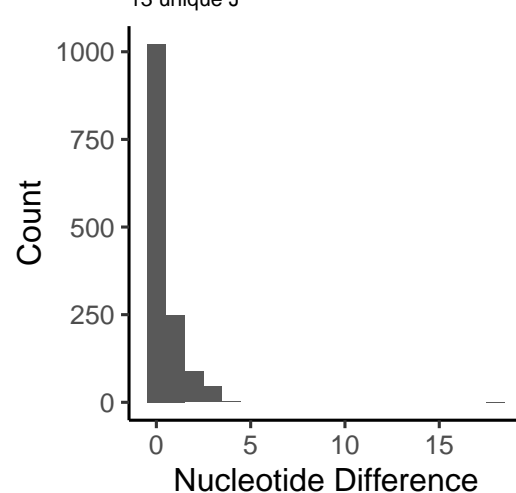
### TRBV12-3\*01

1687 sequences assigned  
1183 (70.1%) exact matches, in which:  
1081 unique CDR3  
13 unique J



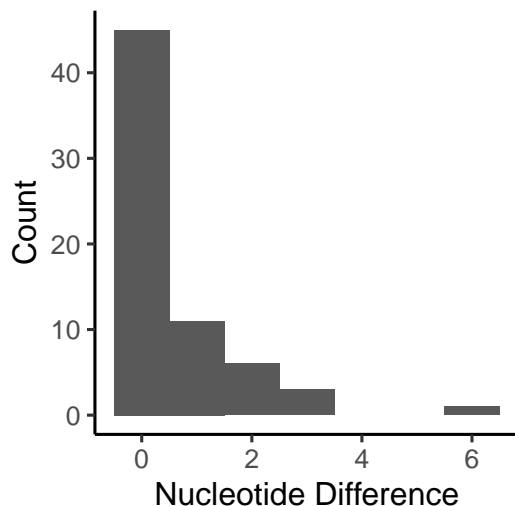
### TRBV3-1\*01

1407 sequences assigned  
1022 (72.6%) exact matches, in which:  
954 unique CDR3  
13 unique J



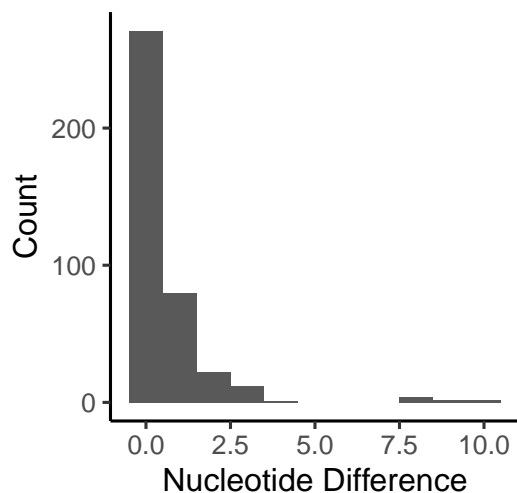
### TRBV23-1\*01

67 sequences assigned  
45 (67.2%) exact matches, in which:  
45 unique CDR3  
12 unique J



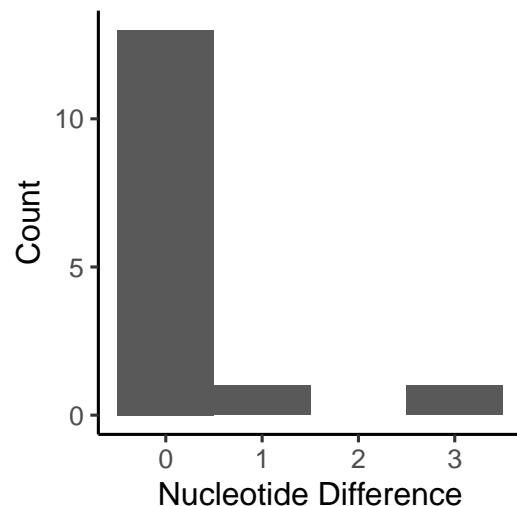
### TRBV4-2\*01

394 sequences assigned  
271 (68.8%) exact matches, in which:  
250 unique CDR3  
13 unique J



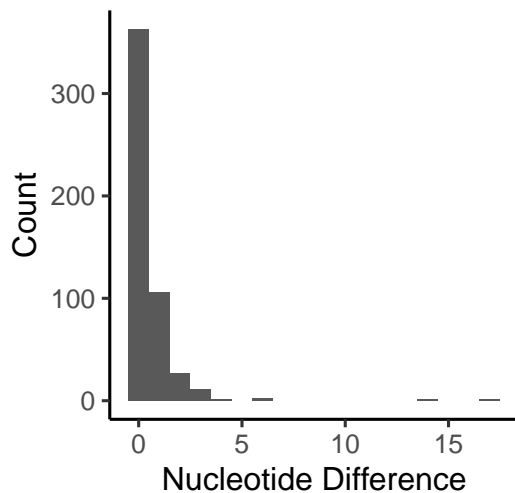
### TRBV5-3\*01

15 sequences assigned  
13 (86.7%) exact matches, in which:  
13 unique CDR3  
8 unique J



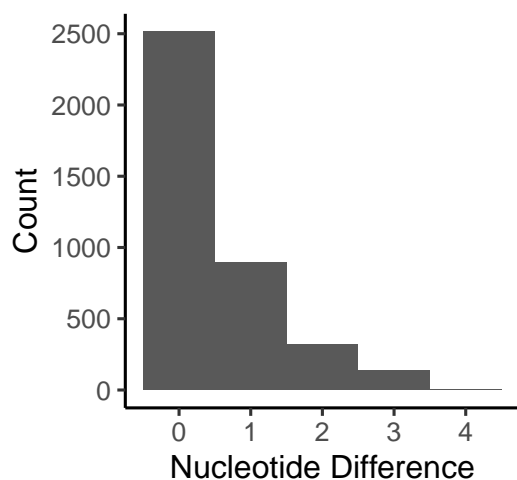
### TRBV24-1\*01

512 sequences assigned  
363 (70.9%) exact matches, in which:  
332 unique CDR3  
12 unique J



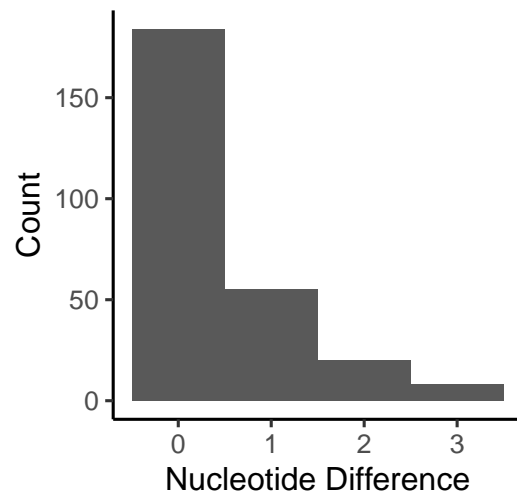
### TRBV5-1\*01

3875 sequences assigned  
2514 (64.9%) exact matches, in which:  
2120 unique CDR3  
13 unique J



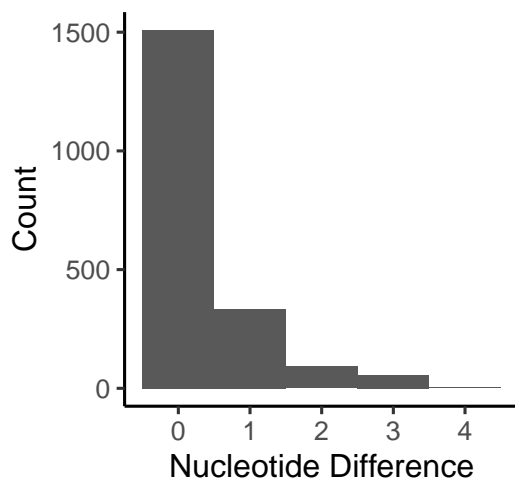
### TRBV5-4\*01

267 sequences assigned  
184 (68.9%) exact matches, in which:  
165 unique CDR3  
13 unique J



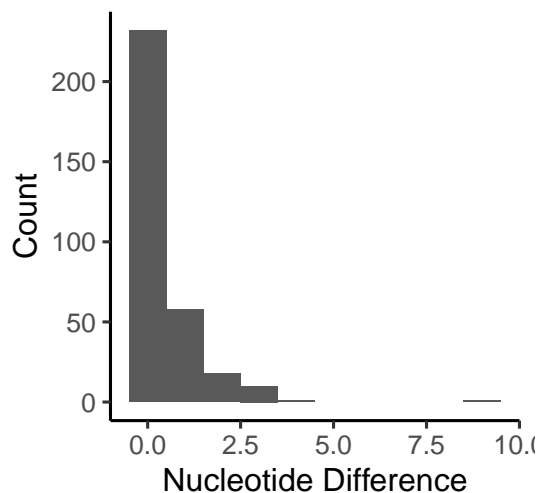
### TRBV4-1\*01

1998 sequences assigned  
1509 (75.5%) exact matches, in which:  
1349 unique CDR3  
13 unique J



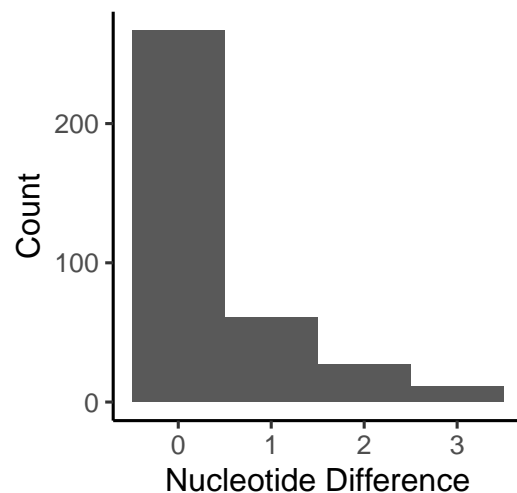
### TRBV25-1\*01

320 sequences assigned  
232 (72.5%) exact matches, in which:  
210 unique CDR3  
13 unique J



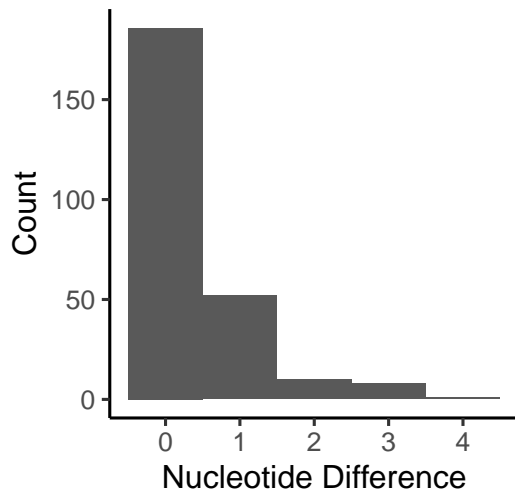
### TRBV5-5\*01

366 sequences assigned  
267 (73%) exact matches, in which:  
250 unique CDR3  
13 unique J



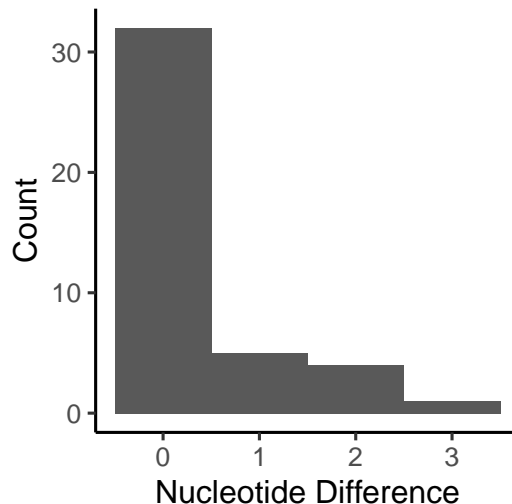
### TRBV5-6\*01

257 sequences assigned  
186 (72.4%) exact matches, in which:  
166 unique CDR3  
12 unique J



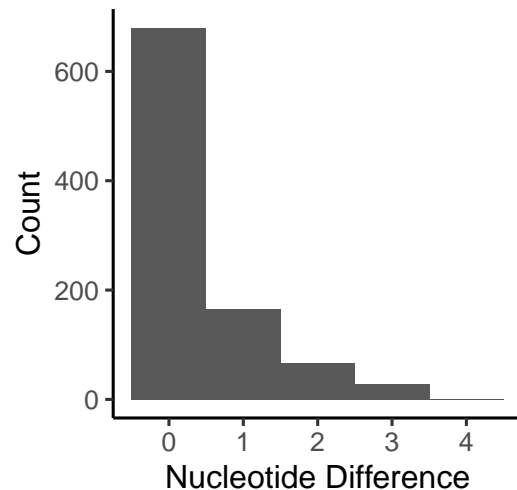
### TRBV5-8\*01

42 sequences assigned  
32 (76.2%) exact matches, in which:  
30 unique CDR3  
11 unique J



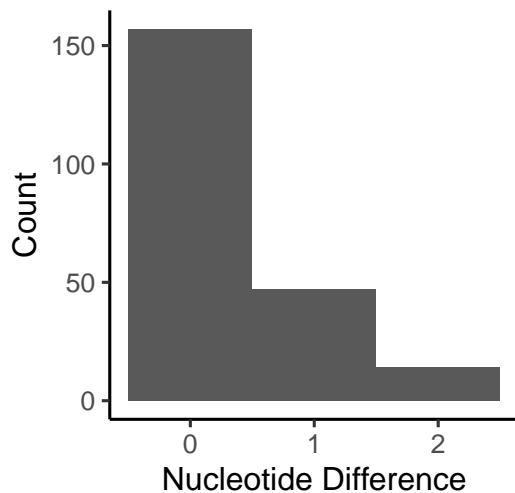
### TRBV6-5\*01

940 sequences assigned  
680 (72.3%) exact matches, in which:  
648 unique CDR3  
13 unique J



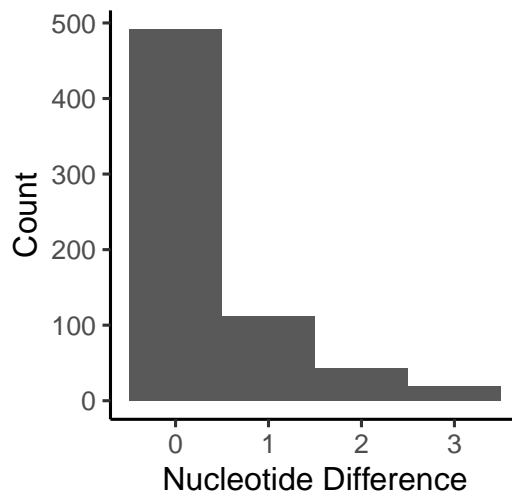
### TRBV5-6\*01\_T284G

218 sequences assigned  
157 (72%) exact matches, in which:  
144 unique CDR3  
13 unique J



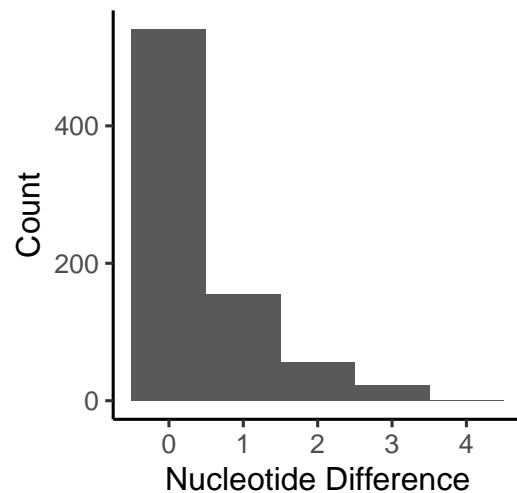
### TRBV6-1\*01

667 sequences assigned  
492 (73.8%) exact matches, in which:  
465 unique CDR3  
13 unique J



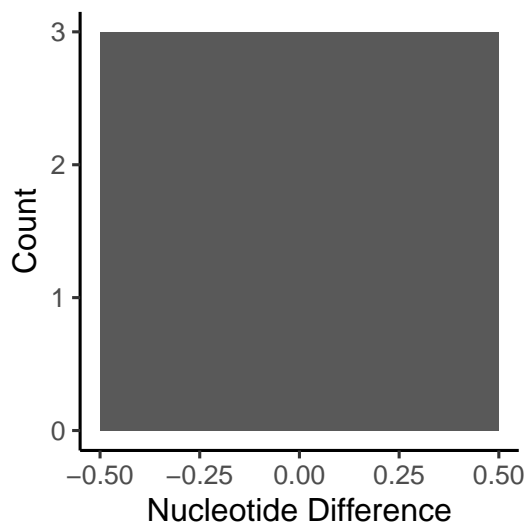
### TRBV6-6\*02

776 sequences assigned  
541 (69.7%) exact matches, in which:  
457 unique CDR3  
13 unique J



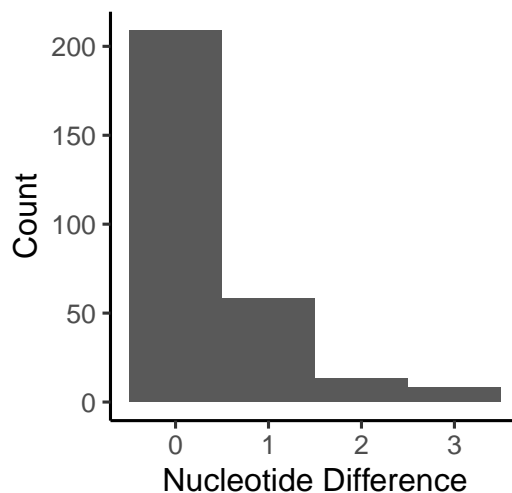
### TRBV5-7\*01

3 sequences assigned  
3 (100%) exact matches, in which:  
3 unique CDR3  
3 unique J



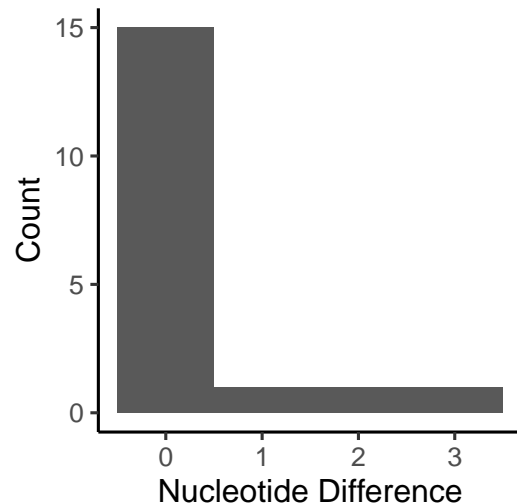
### TRBV6-4\*01

288 sequences assigned  
209 (72.6%) exact matches, in which:  
158 unique CDR3  
12 unique J



### TRBV6-7\*01

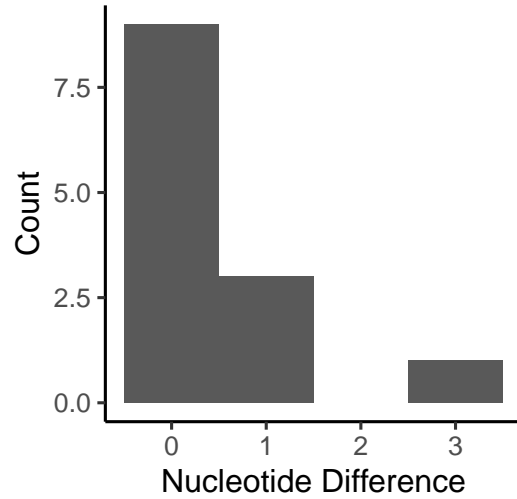
18 sequences assigned  
15 (83.3%) exact matches, in which:  
14 unique CDR3  
8 unique J





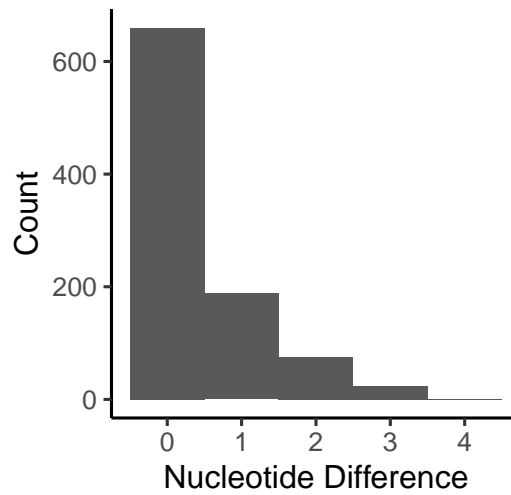
### TRBV6-8\*01

13 sequences assigned  
9 (69.2%) exact matches, in which:  
6 unique CDR3  
4 unique J



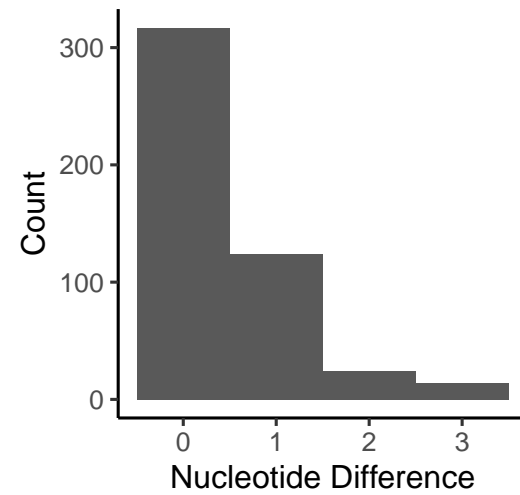
### TRBV7-2\*02

949 sequences assigned  
660 (69.5%) exact matches, in which:  
618 unique CDR3  
13 unique J



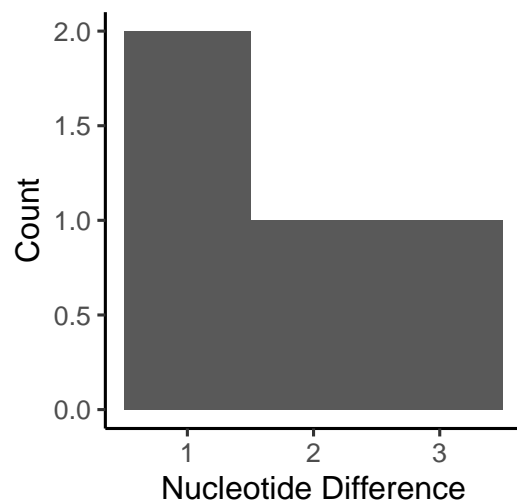
### TRBV7-6\*01

479 sequences assigned  
317 (66.2%) exact matches, in which:  
252 unique CDR3  
13 unique J



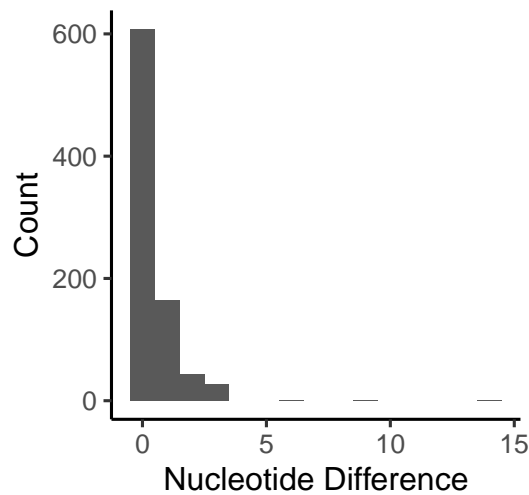
### TRBV6-9\*01

4 sequences assigned  
No exact matches.



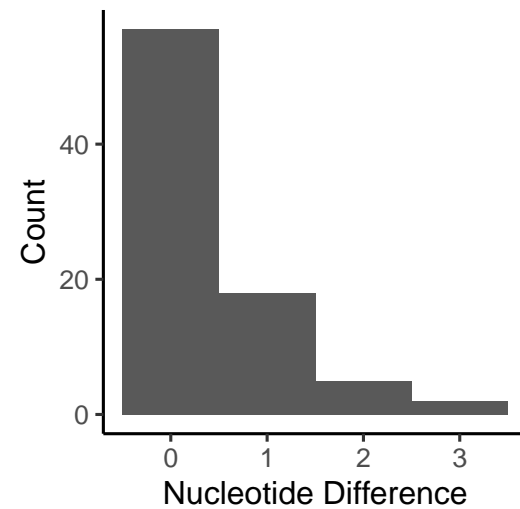
### TRBV7-3\*01

845 sequences assigned  
608 (72%) exact matches, in which:  
543 unique CDR3  
13 unique J



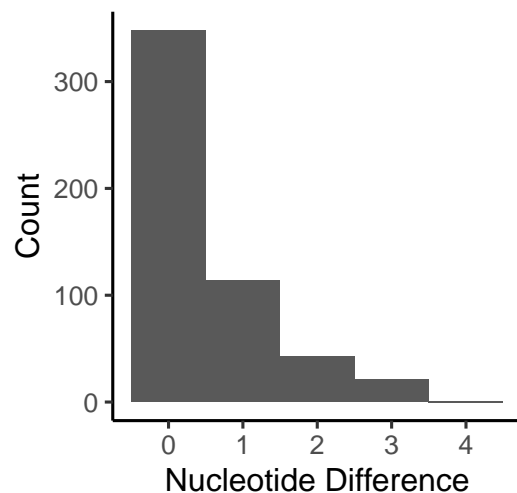
### TRBV7-7\*01

82 sequences assigned  
57 (69.5%) exact matches, in which:  
49 unique CDR3  
7 unique J



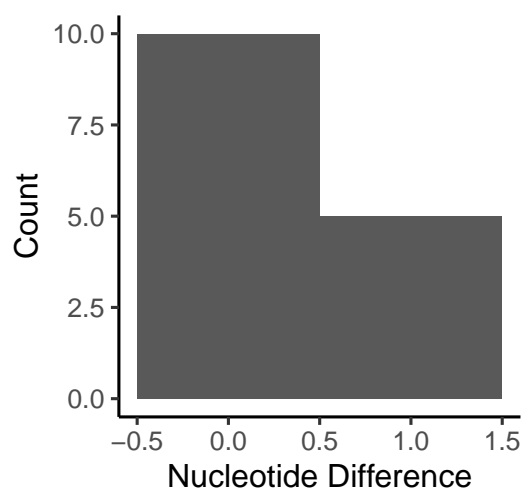
### TRBV6-23\*01

527 sequences assigned  
348 (66%) exact matches, in which:  
287 unique CDR3  
13 unique J



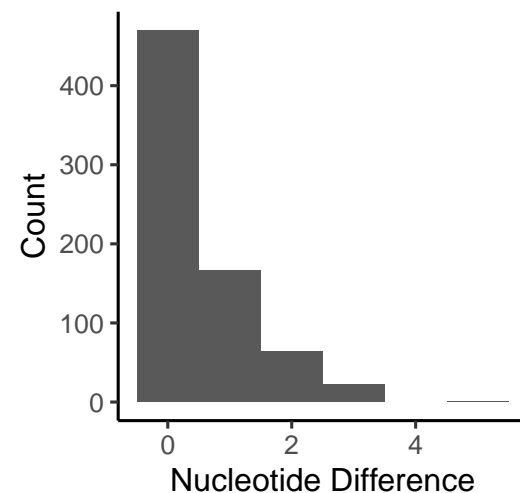
### TRBV7-4\*01

15 sequences assigned  
10 (66.7%) exact matches, in which:  
9 unique CDR3  
6 unique J



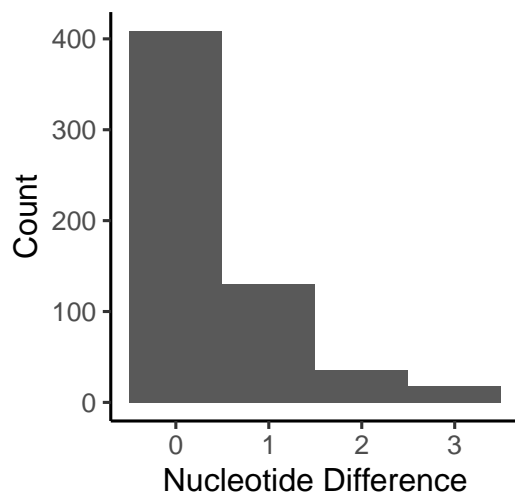
### TRBV7-8\*01

725 sequences assigned  
470 (64.8%) exact matches, in which:  
375 unique CDR3  
13 unique J



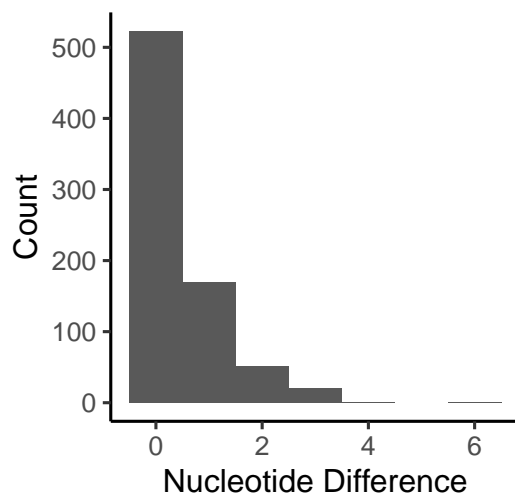
## TRBV7-9\*01

593 sequences assigned  
409 (69%) exact matches, in which:  
390 unique CDR3  
13 unique J



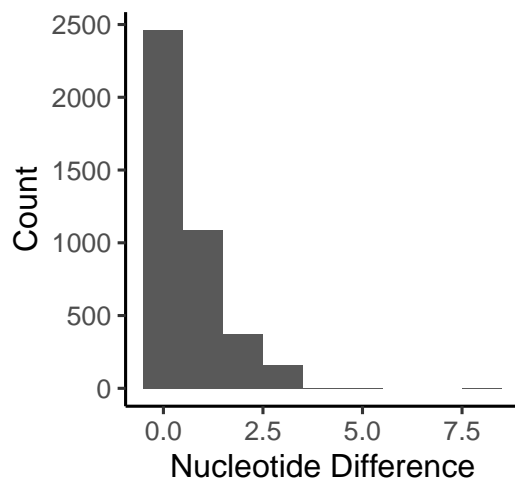
## TRBV7-9\*03

766 sequences assigned  
523 (68.3%) exact matches, in which:  
484 unique CDR3  
13 unique J

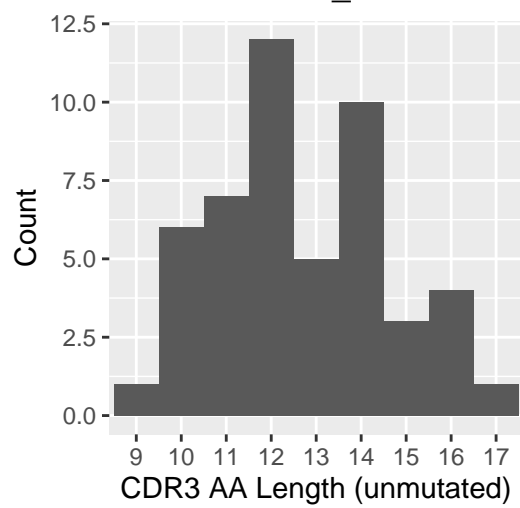


## TRBV29-1\*01

4091 sequences assigned  
2462 (60.2%) exact matches, in which:  
1896 unique CDR3  
13 unique J



TRBV12-5\*01\_C28G



TRBV5-6\*01\_T284G

