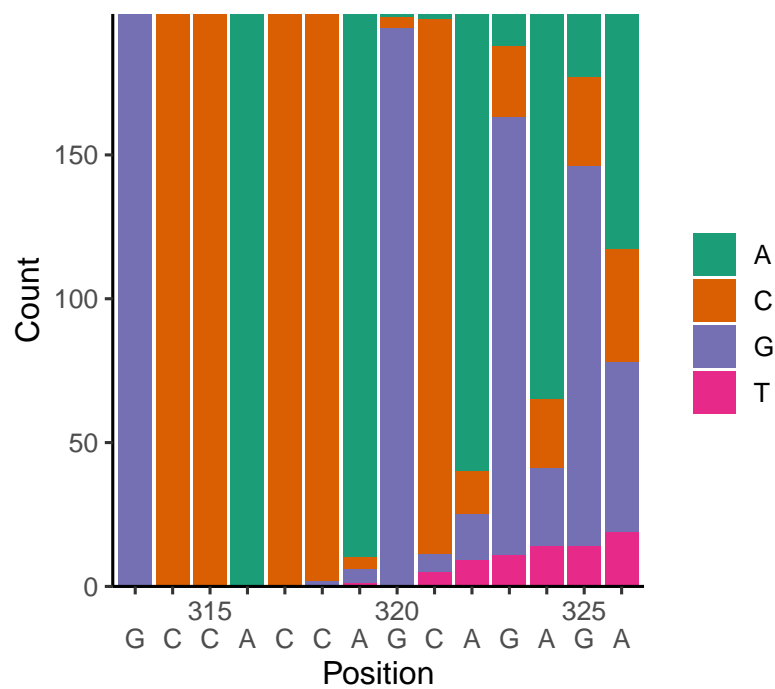
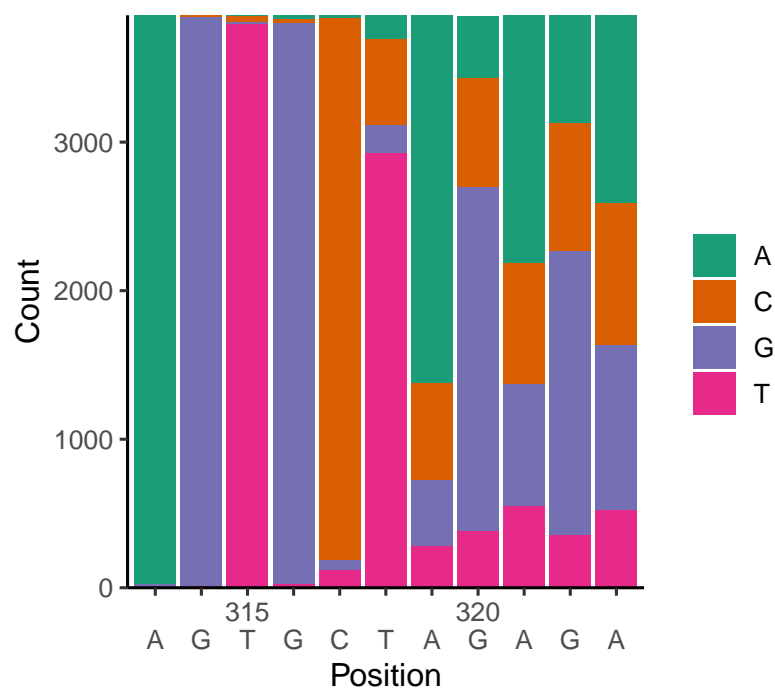


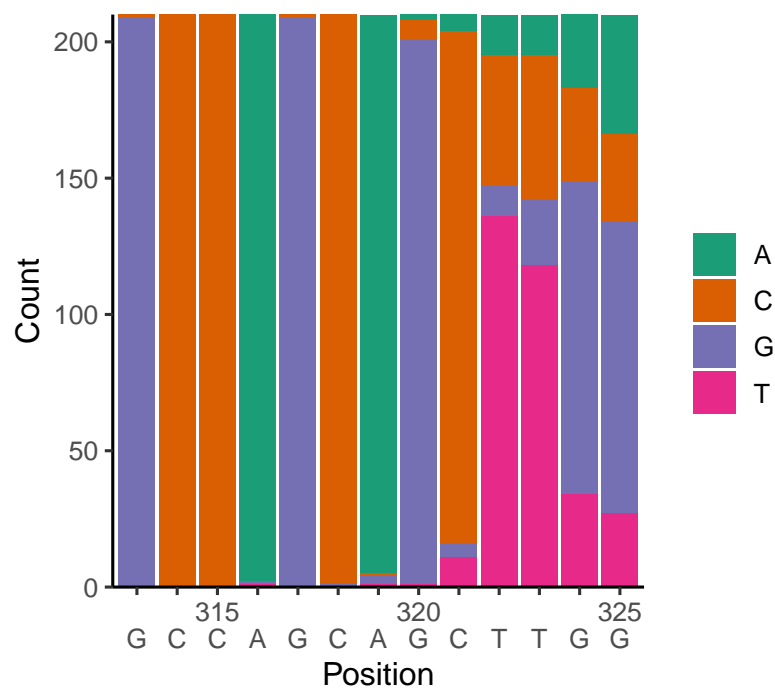
Gene TRBV15\*02\_G275A



Gene TRBV20-1\*02\_319AGAGA323



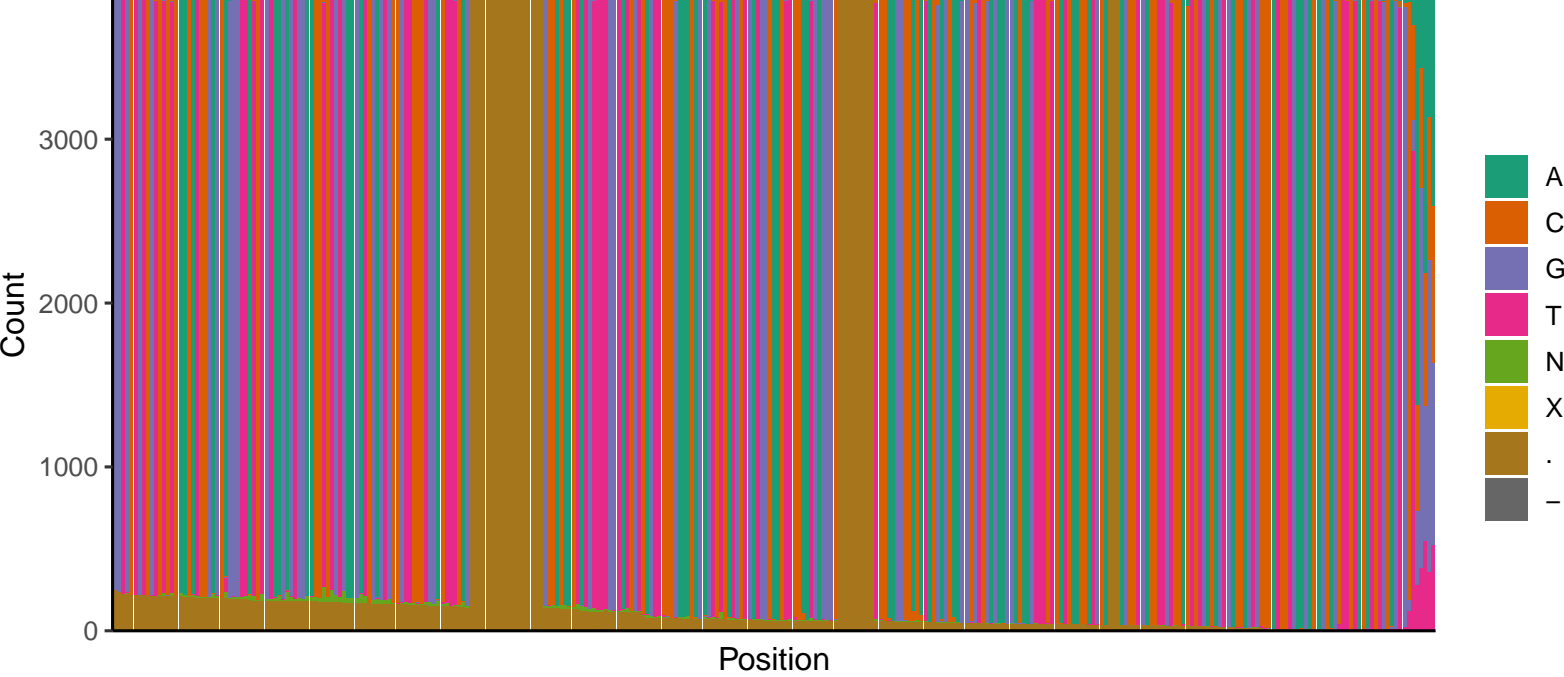
Gene TRBV5-5\*02\_322TTGG325



Gene TRBV15\*02\_G275A



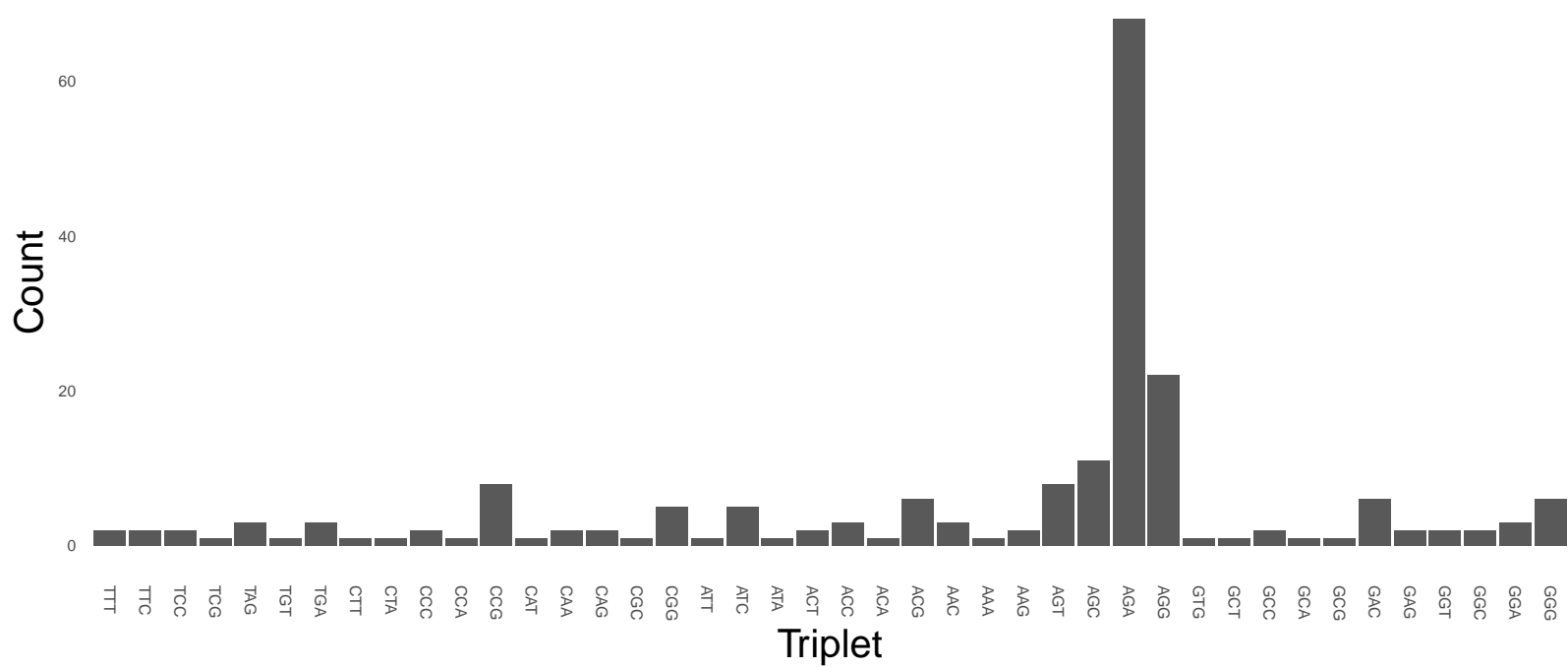
Gene TRBV20-1\*02\_319AGAGA323



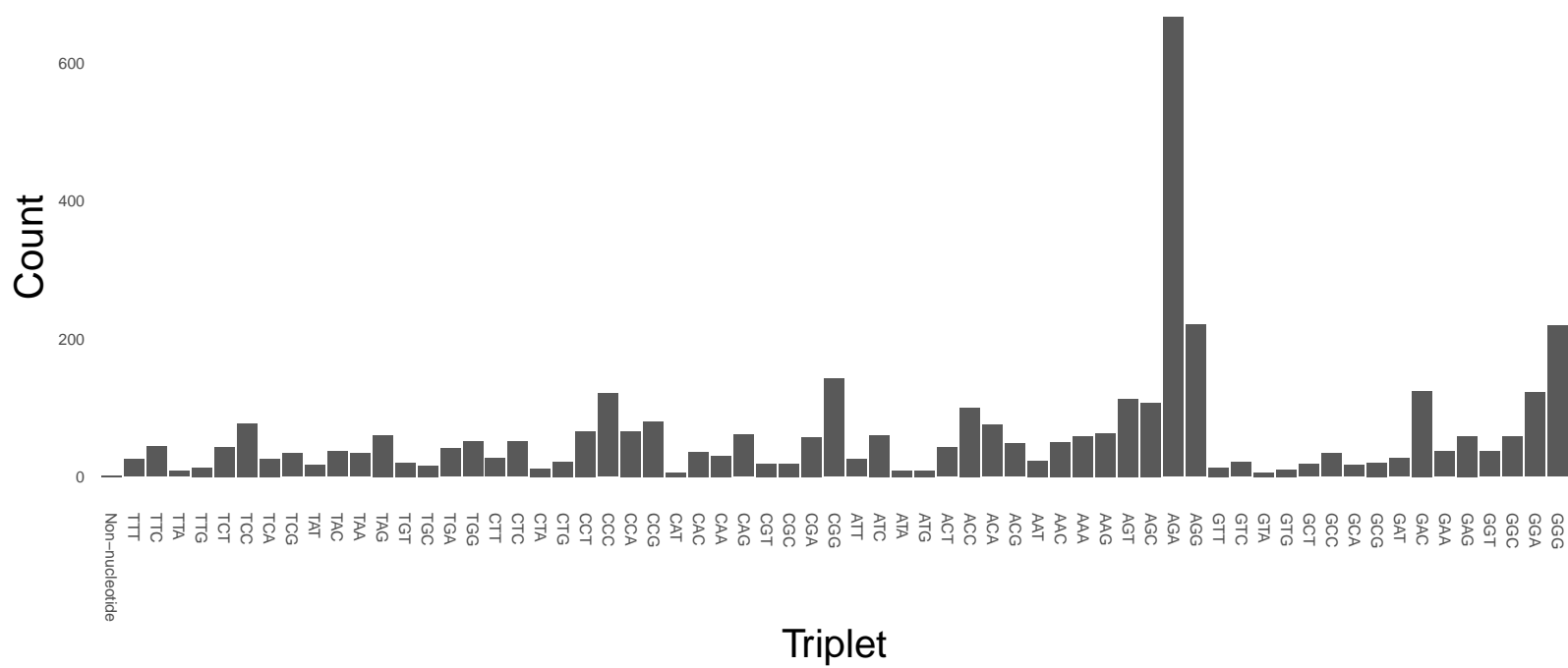
Gene TRBV5-5\*02\_322TTGG325



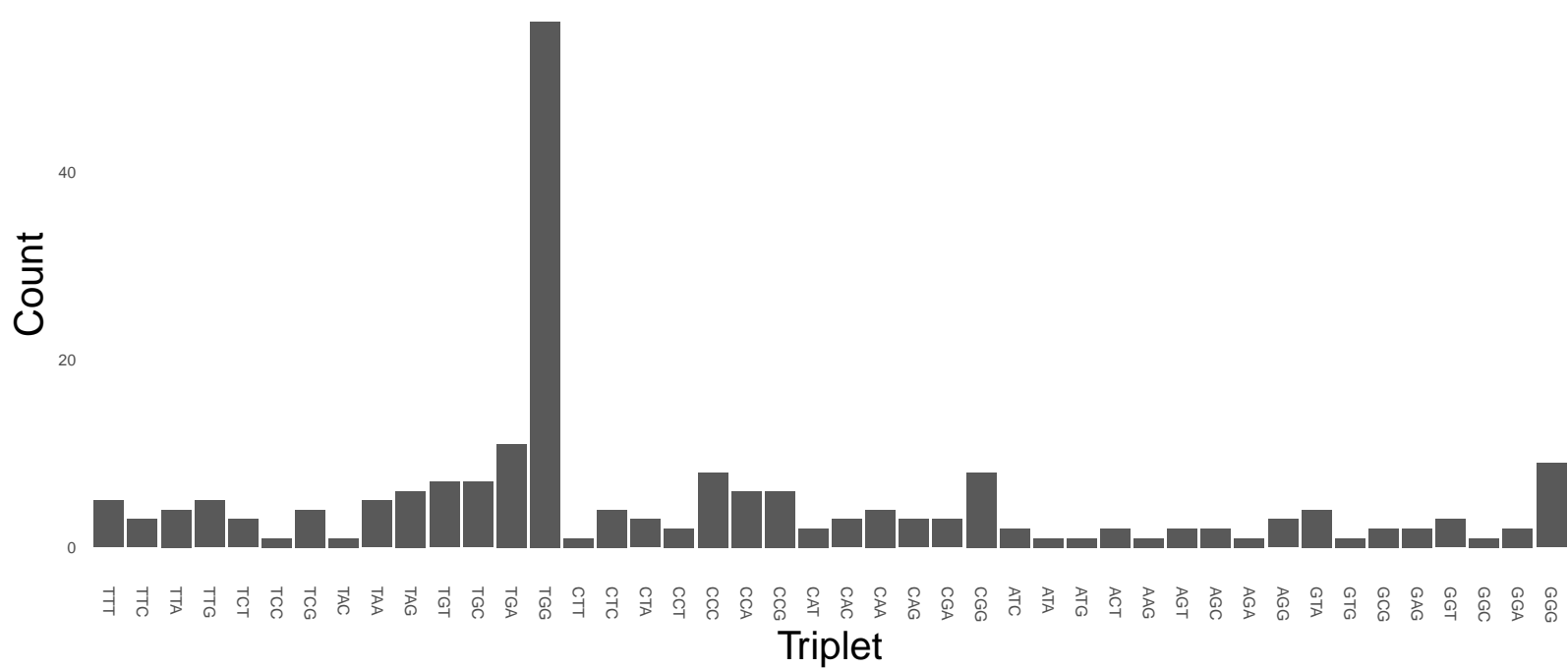
TRBV15\*02\_G275A– Final 3 nucleotides as a triplet



TRBV20-1\*02\_319AGAGA323– Final 3 nucleotides as a triplet

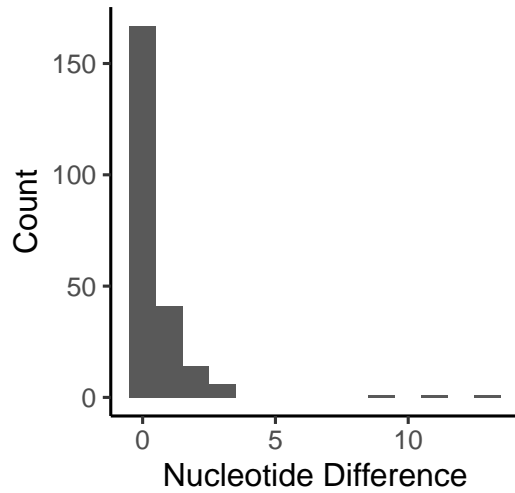


TRBV5-5\*02\_322TTGG325– Final 3 nucleotides as a triplet



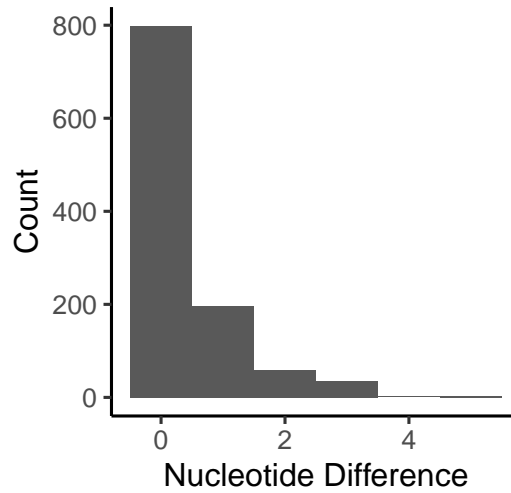
### TRBV10–1\*01

231 sequences assigned  
167 (72.3%) exact matches, in which:  
153 unique CDR3  
12 unique J



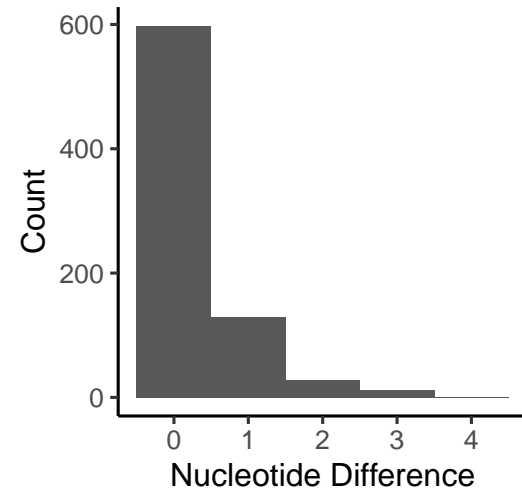
### TRBV10–3\*01

1097 sequences assigned  
799 (72.8%) exact matches, in which:  
775 unique CDR3  
14 unique J



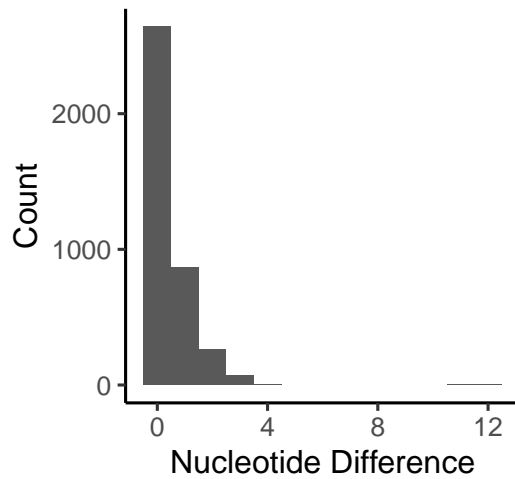
### TRBV14\*01

770 sequences assigned  
598 (77.7%) exact matches, in which:  
542 unique CDR3  
14 unique J



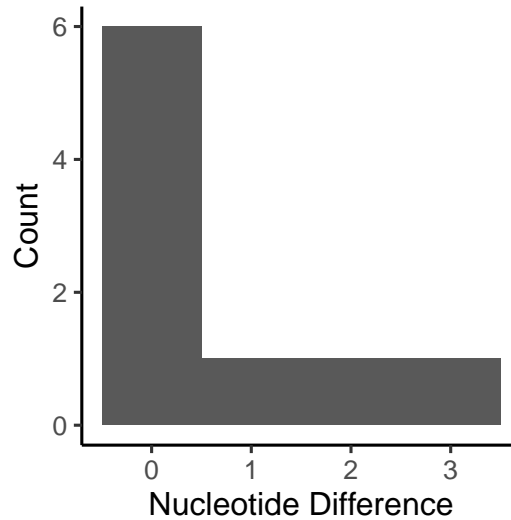
### TRBV20–1\*02\_319AGAC

3854 sequences assigned  
2641 (68.5%) exact matches, in which:  
2551 unique CDR3  
14 unique J



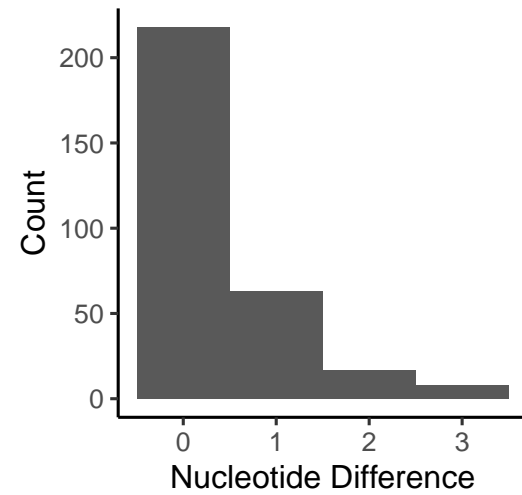
### TRBV1\*01

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



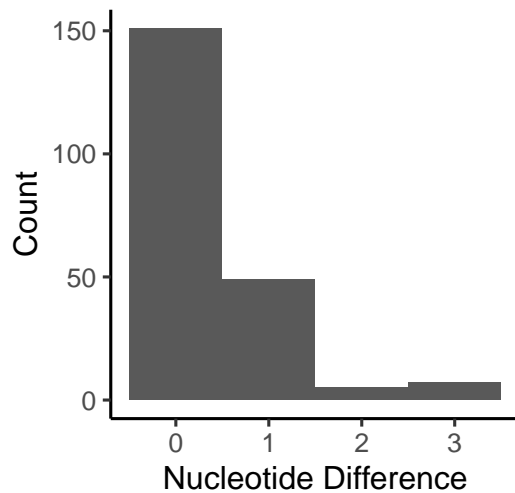
### TRBV15\*02

307 sequences assigned  
218 (71%) exact matches, in which:  
211 unique CDR3  
13 unique J



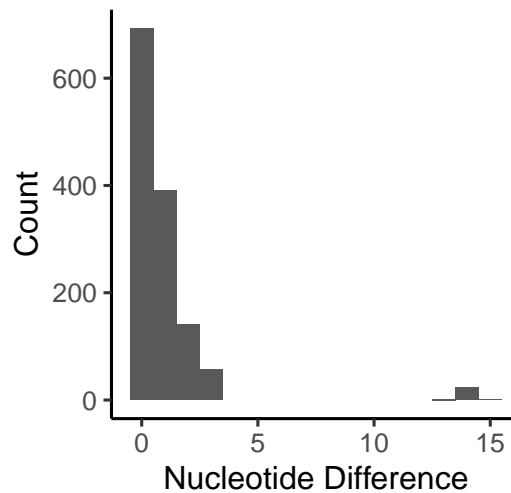
### TRBV10–2\*01

215 sequences assigned  
151 (70.2%) exact matches, in which:  
144 unique CDR3  
13 unique J



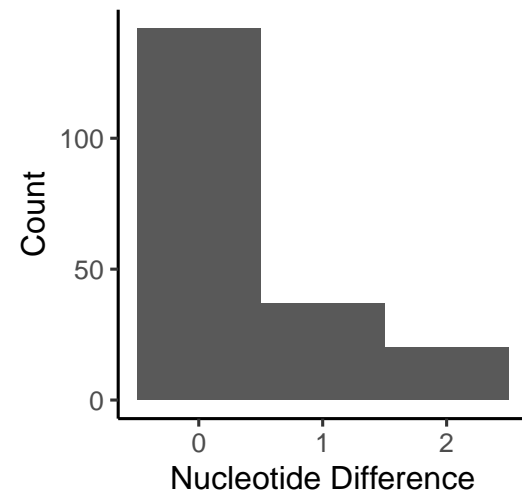
### TRBV13\*01

1308 sequences assigned  
693 (53%) exact matches, in which:  
411 unique CDR3  
14 unique J



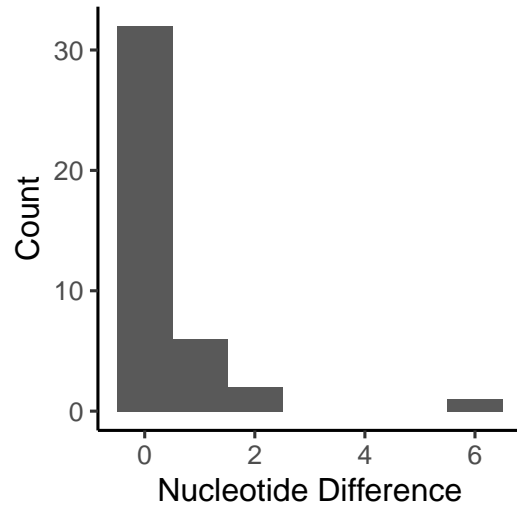
### TRBV15\*02\_G275A

199 sequences assigned  
142 (71.4%) exact matches, in which:  
137 unique CDR3  
13 unique J



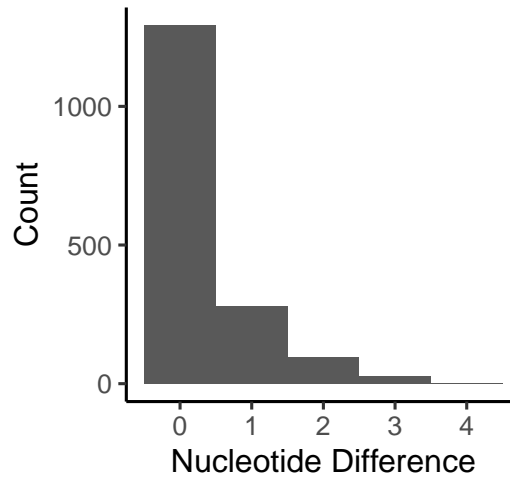
### TRBV16\*01

41 sequences assigned  
32 (78%) exact matches, in which:  
32 unique CDR3  
9 unique J



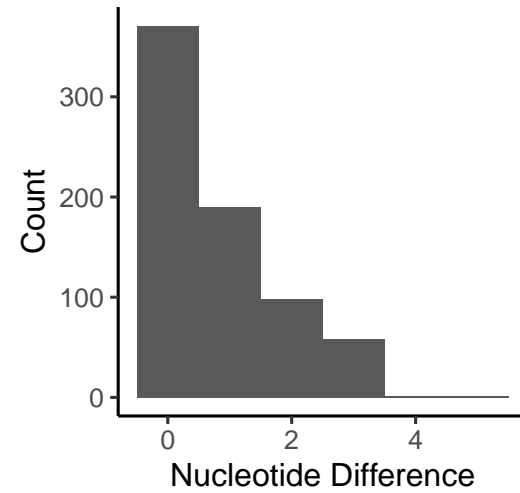
### TRBV2\*01

1697 sequences assigned  
1292 (76.1%) exact matches, in which:  
1208 unique CDR3  
14 unique J



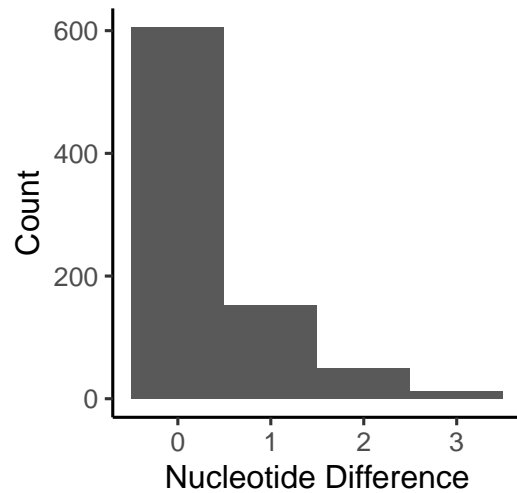
### TRBV30\*01

719 sequences assigned  
371 (51.6%) exact matches, in which:  
349 unique CDR3  
14 unique J



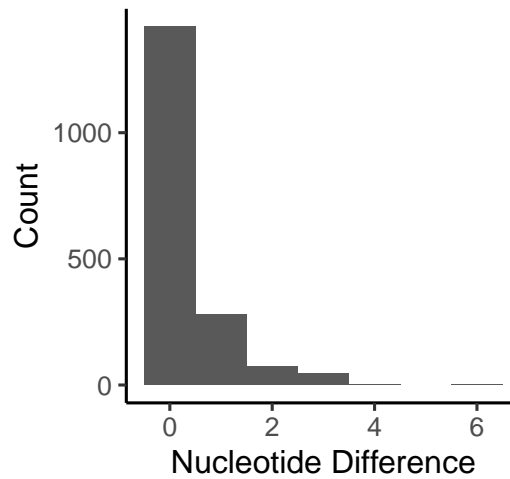
### TRBV18\*01

822 sequences assigned  
606 (73.7%) exact matches, in which:  
554 unique CDR3  
14 unique J



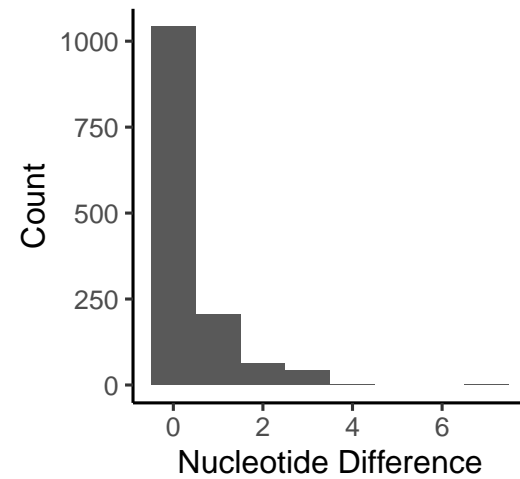
### TRBV27\*01

1823 sequences assigned  
1420 (77.9%) exact matches, in which:  
1366 unique CDR3  
14 unique J



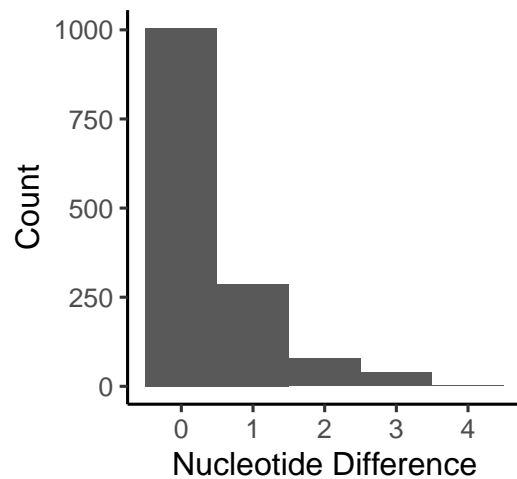
### TRBV9\*01

1354 sequences assigned  
1042 (77%) exact matches, in which:  
1016 unique CDR3  
14 unique J



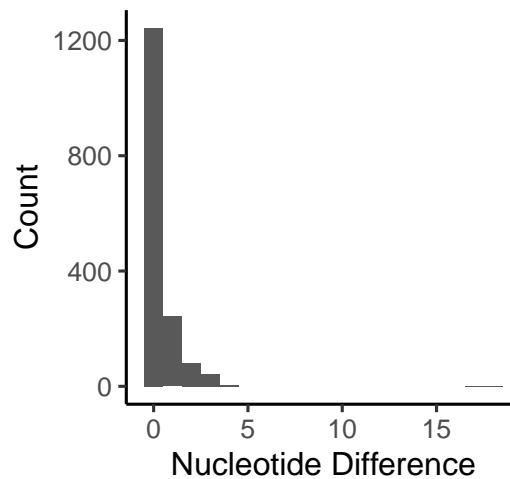
### TRBV19\*01

1412 sequences assigned  
1005 (71.2%) exact matches, in which:  
943 unique CDR3  
14 unique J



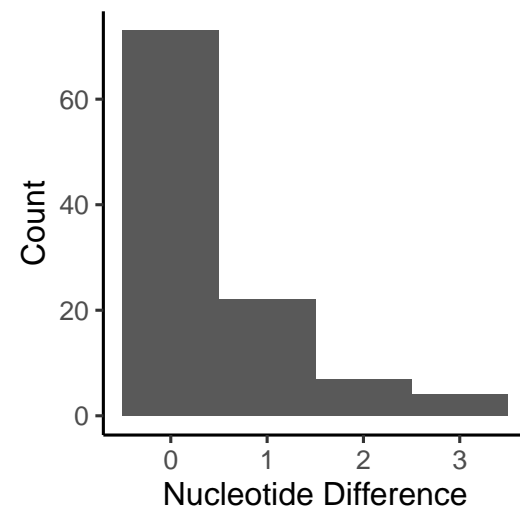
### TRBV28\*01

1617 sequences assigned  
1243 (76.9%) exact matches, in which:  
1192 unique CDR3  
14 unique J



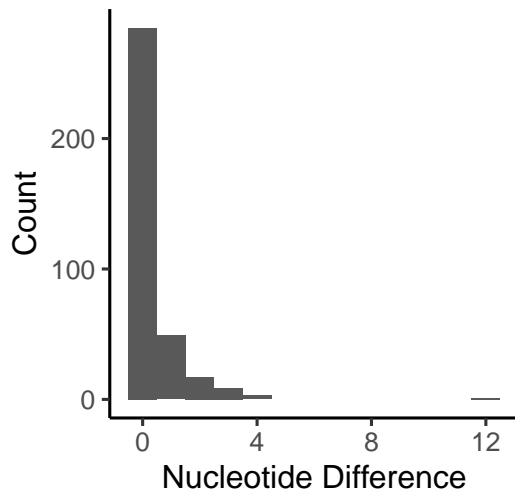
### TRBV11-1\*01

106 sequences assigned  
73 (68.9%) exact matches, in which:  
72 unique CDR3  
13 unique J



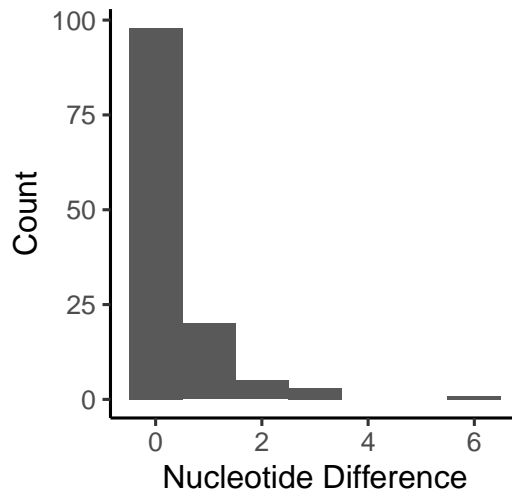
### TRBV21-1\*02

364 sequences assigned  
285 (78.3%) exact matches, in which:  
276 unique CDR3  
14 unique J



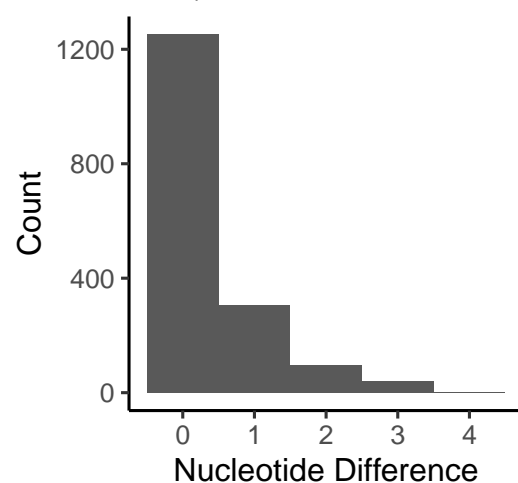
### TRBV11-3\*01

127 sequences assigned  
98 (77.2%) exact matches, in which:  
97 unique CDR3  
12 unique J



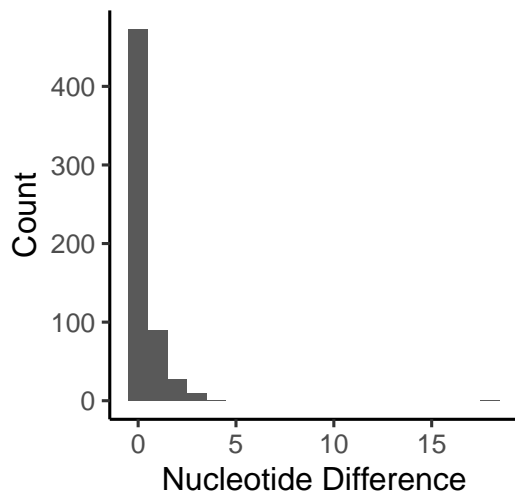
### TRBV12-3\*01

1697 sequences assigned  
1252 (73.8%) exact matches, in which:  
1186 unique CDR3  
14 unique J



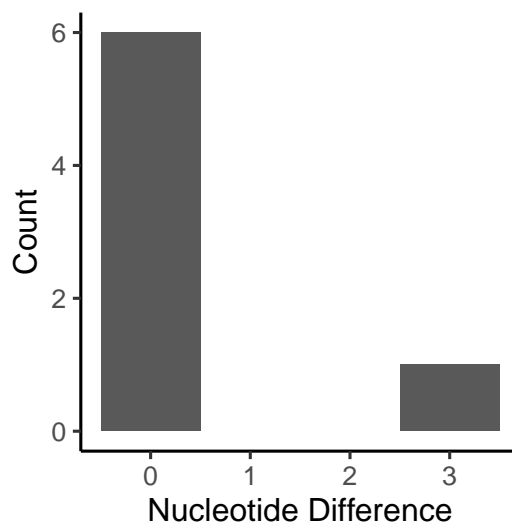
### TRBV11-2\*01

602 sequences assigned  
473 (78.6%) exact matches, in which:  
448 unique CDR3  
14 unique J



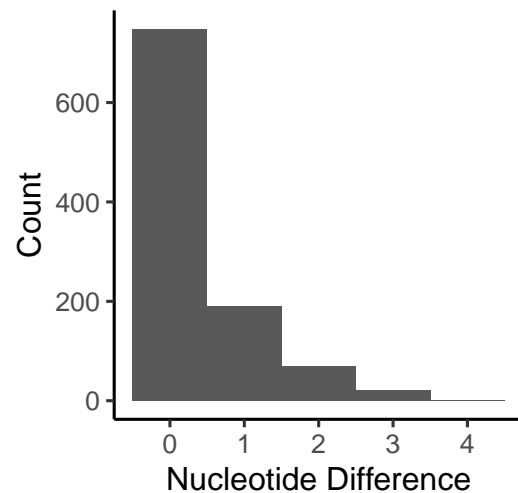
### TRBV12-1\*01

7 sequences assigned  
6 (85.7%) exact matches, in which:  
6 unique CDR3  
4 unique J



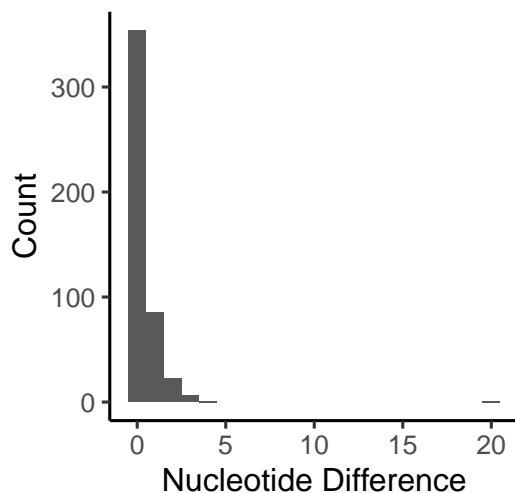
### TRBV12-4\*01

1035 sequences assigned  
748 (72.3%) exact matches, in which:  
711 unique CDR3  
14 unique J



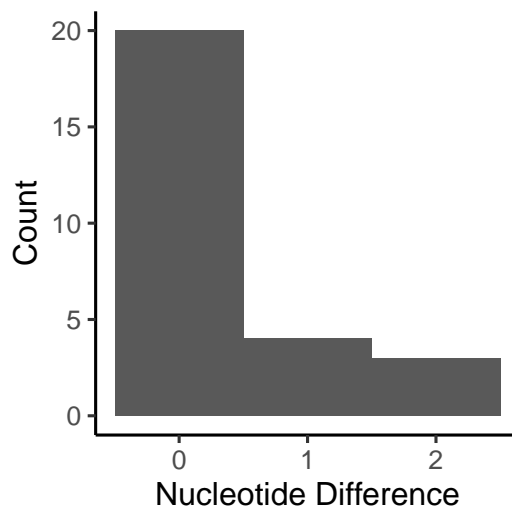
### TRBV11-2\*03

470 sequences assigned  
354 (75.3%) exact matches, in which:  
341 unique CDR3  
13 unique J



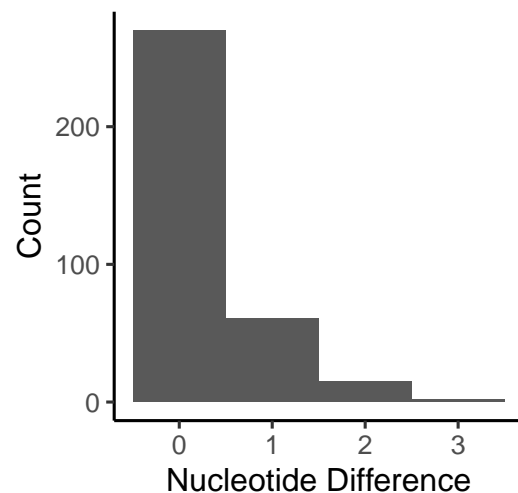
### TRBV12-2\*01

27 sequences assigned  
20 (74.1%) exact matches, in which:  
19 unique CDR3  
9 unique J



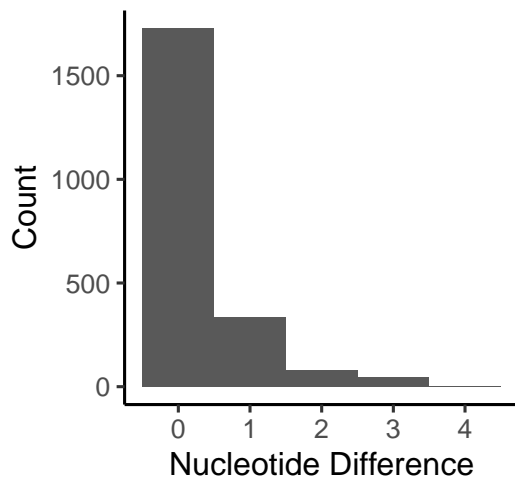
### TRBV12-5\*01

348 sequences assigned  
270 (77.6%) exact matches, in which:  
261 unique CDR3  
14 unique J



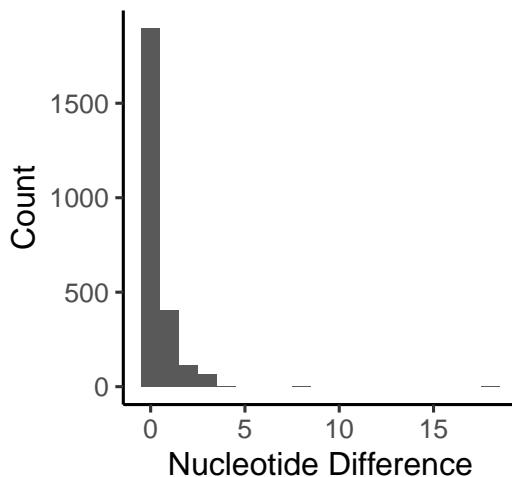
### TRBV3-1\*01

2198 sequences assigned  
1728 (78.6%) exact matches, in which:  
1636 unique CDR3  
14 unique J



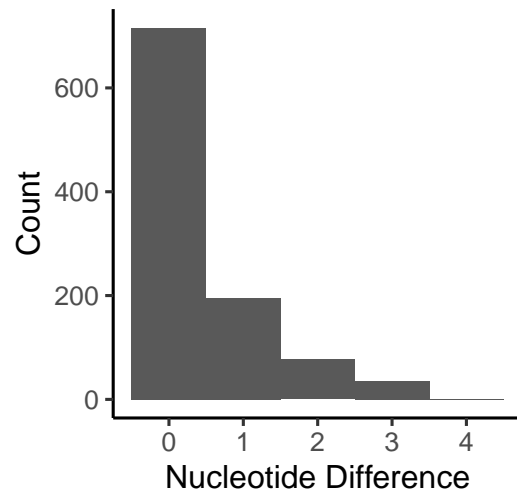
### TRBV4-1\*01

2489 sequences assigned  
1896 (76.2%) exact matches, in which:  
1758 unique CDR3  
14 unique J



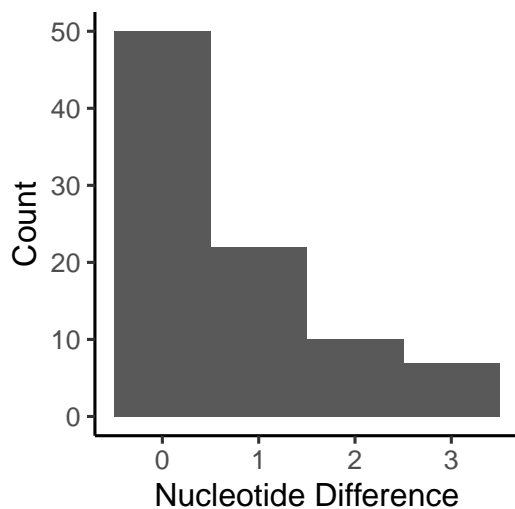
### TRBV4-2\*01

1026 sequences assigned  
716 (69.8%) exact matches, in which:  
670 unique CDR3  
14 unique J



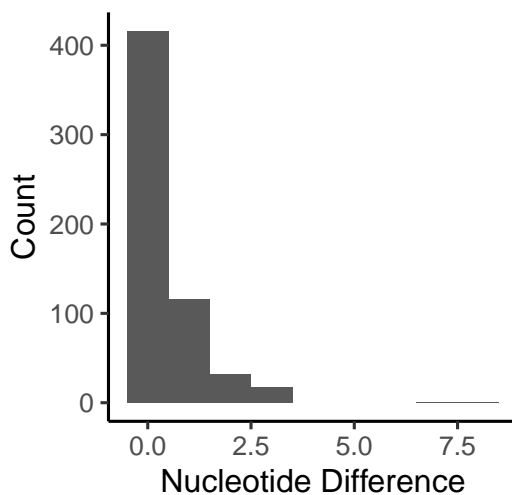
### TRBV23-1\*01

90 sequences assigned  
50 (55.6%) exact matches, in which:  
50 unique CDR3  
13 unique J



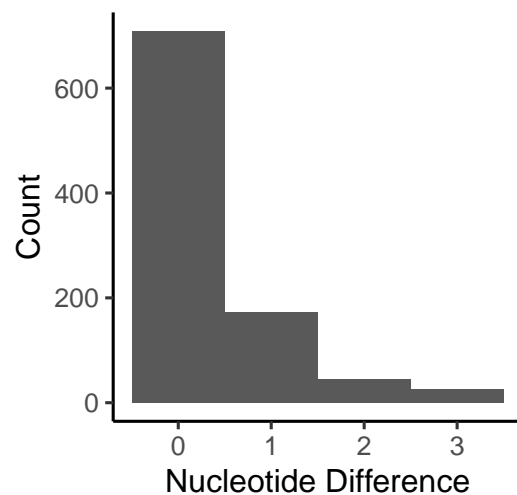
### TRBV24-1\*01

583 sequences assigned  
416 (71.4%) exact matches, in which:  
405 unique CDR3  
13 unique J



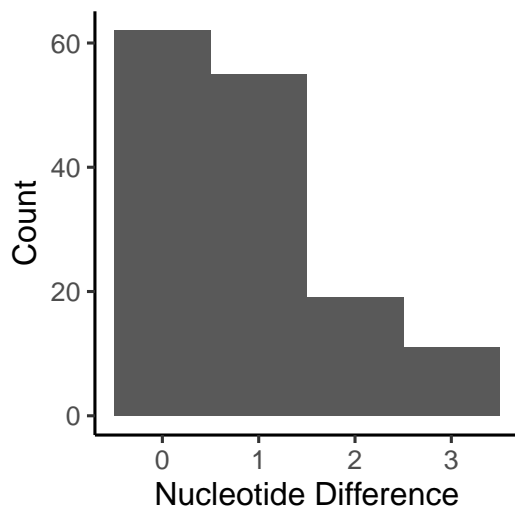
### TRBV4-3\*01

953 sequences assigned  
709 (74.4%) exact matches, in which:  
669 unique CDR3  
13 unique J



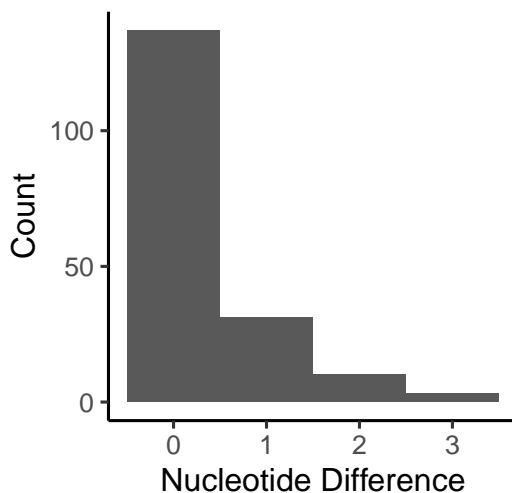
### TRBV3-2\*01

147 sequences assigned  
62 (42.2%) exact matches, in which:  
20 unique CDR3  
9 unique J



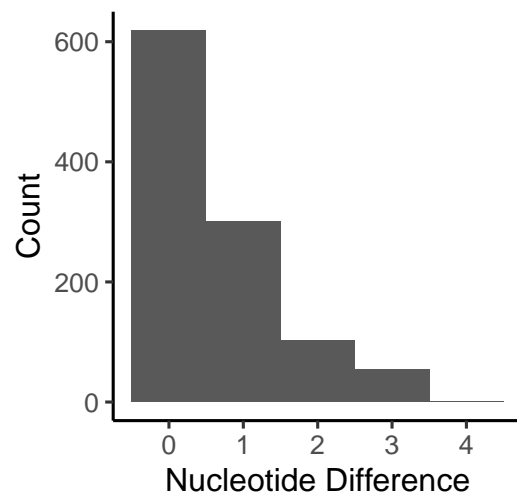
### TRBV24-1\*02

181 sequences assigned  
137 (75.7%) exact matches, in which:  
133 unique CDR3  
10 unique J



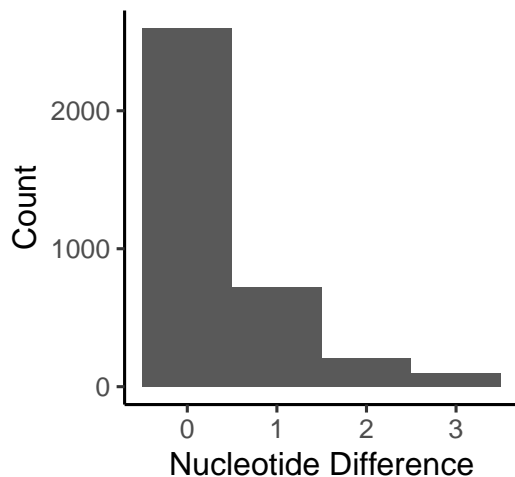
### TRBV25-1\*01

1077 sequences assigned  
619 (57.5%) exact matches, in which:  
425 unique CDR3  
14 unique J



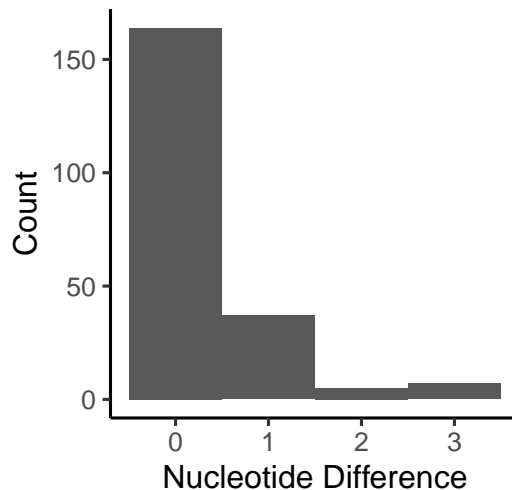
### TRBV5-1\*01

3625 sequences assigned  
2597 (71.6%) exact matches, in which:  
2513 unique CDR3  
14 unique J



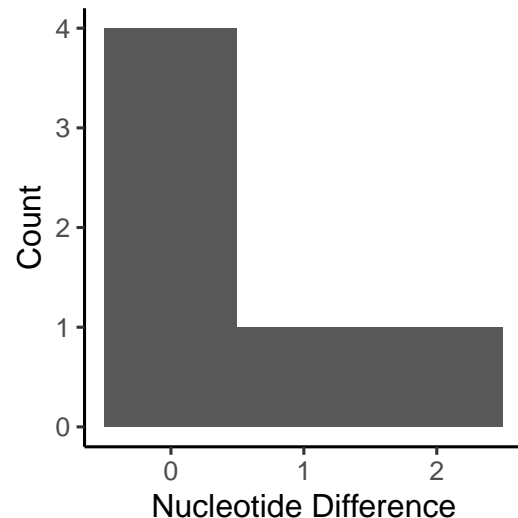
### TRBV5-5\*01

213 sequences assigned  
164 (77%) exact matches, in which:  
161 unique CDR3  
13 unique J



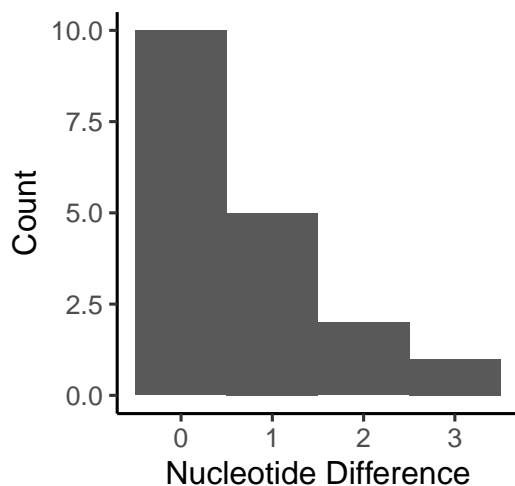
### TRBV5-7\*01

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



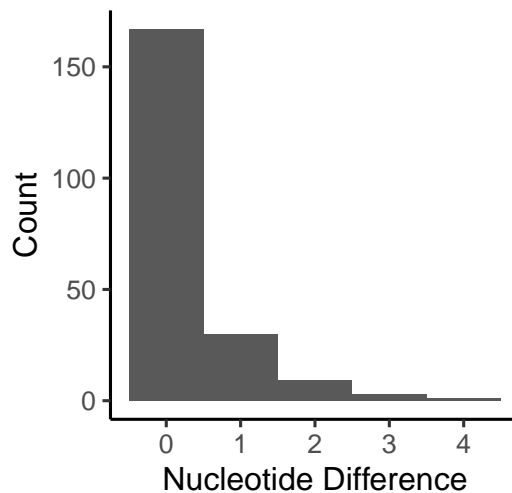
### TRBV5-3\*01

18 sequences assigned  
10 (55.6%) exact matches, in which:  
10 unique CDR3  
8 unique J



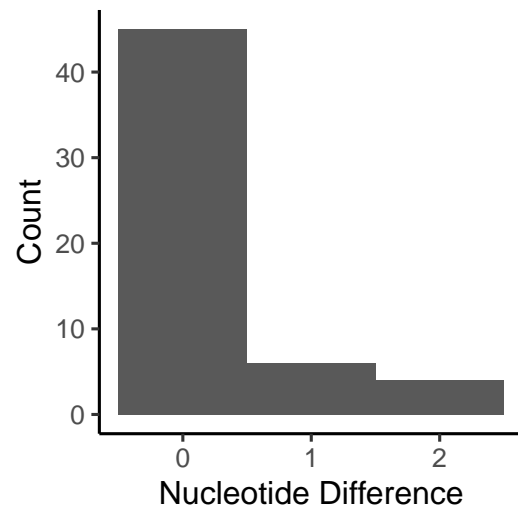
### TRBV5-5\*02\_322TTGG3

210 sequences assigned  
167 (79.5%) exact matches, in which:  
161 unique CDR3  
12 unique J



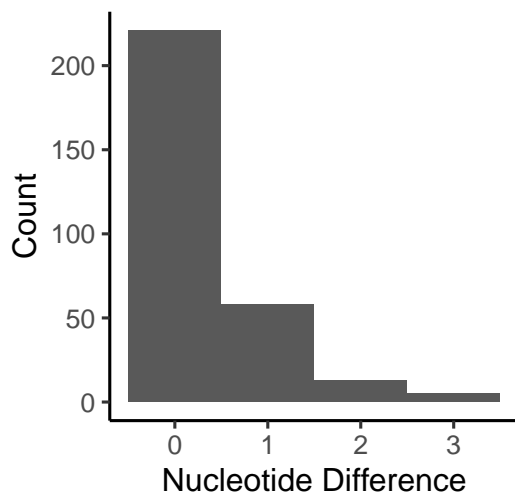
### TRBV5-8\*01

56 sequences assigned  
45 (80.4%) exact matches, in which:  
44 unique CDR3  
11 unique J



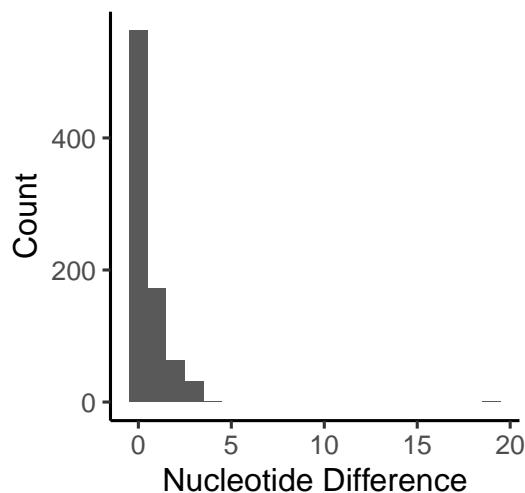
### TRBV5-4\*01

298 sequences assigned  
221 (74.2%) exact matches, in which:  
206 unique CDR3  
12 unique J



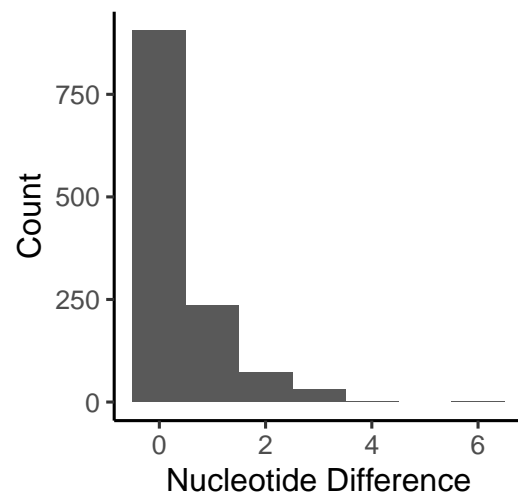
### TRBV5-6\*01

831 sequences assigned  
563 (67.7%) exact matches, in which:  
490 unique CDR3  
14 unique J



### TRBV6-1\*01

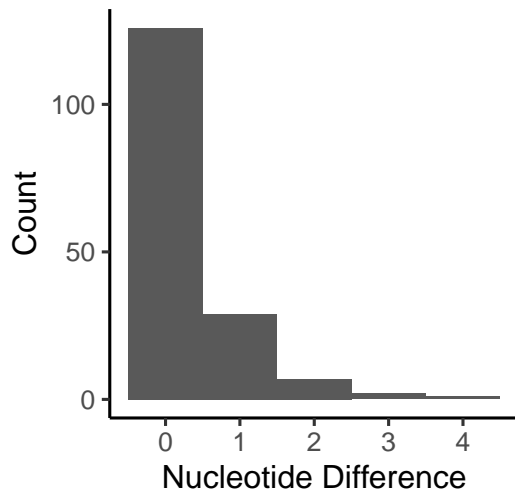
1255 sequences assigned  
906 (72.2%) exact matches, in which:  
869 unique CDR3  
14 unique J





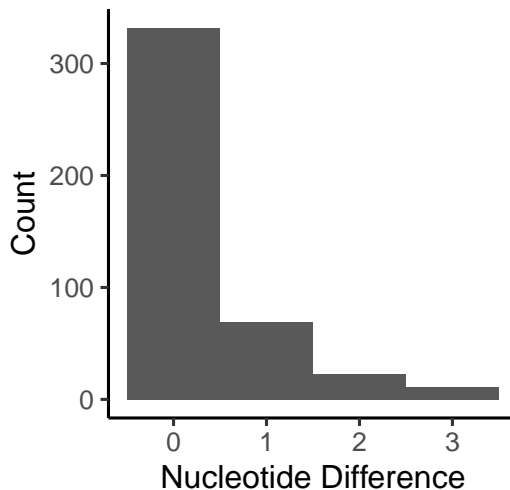
### TRBV6-4\*01

165 sequences assigned  
126 (76.4%) exact matches, in which:  
116 unique CDR3  
13 unique J



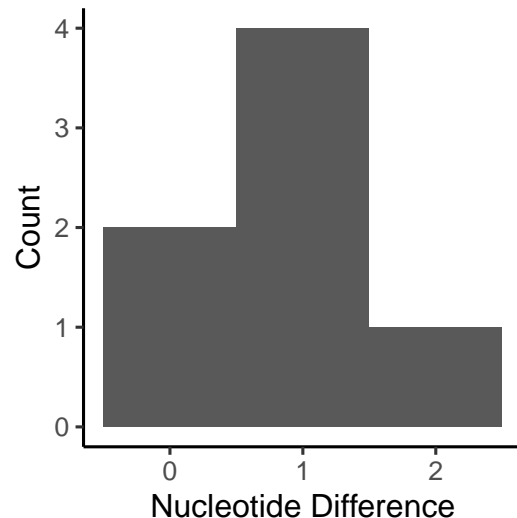
### TRBV6-6\*02

436 sequences assigned  
332 (76.1%) exact matches, in which:  
312 unique CDR3  
13 unique J



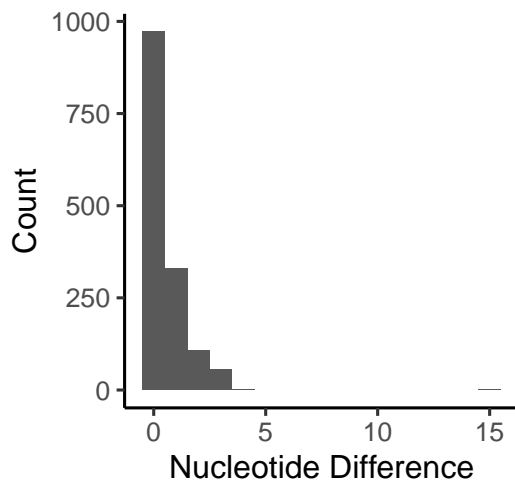
### TRBV6-9\*01

7 sequences assigned  
2 (28.6%) exact matches, in which:  
1 unique CDR3  
1 unique J



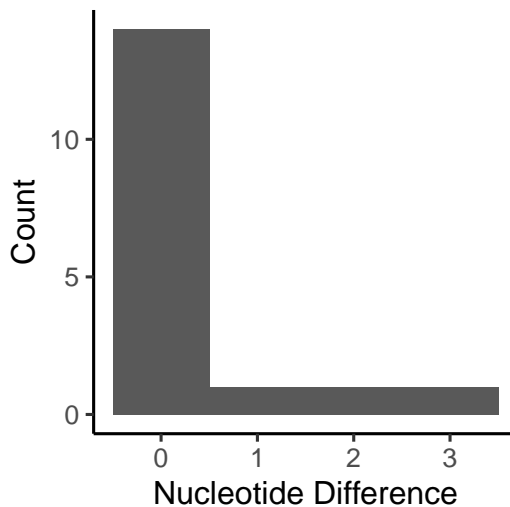
### TRBV6-5\*01

1467 sequences assigned  
972 (66.3%) exact matches, in which:  
874 unique CDR3  
14 unique J



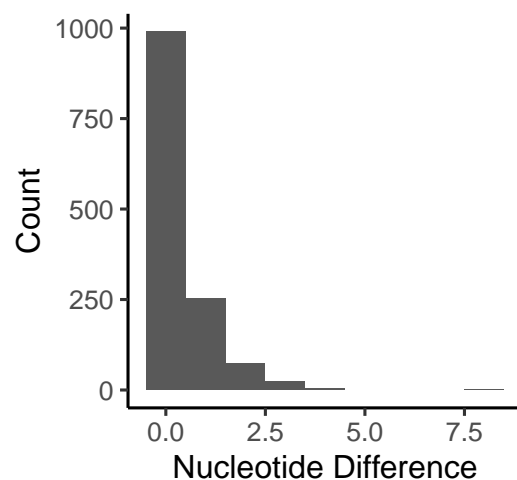
### TRBV6-7\*01

17 sequences assigned  
14 (82.4%) exact matches, in which:  
14 unique CDR3  
9 unique J



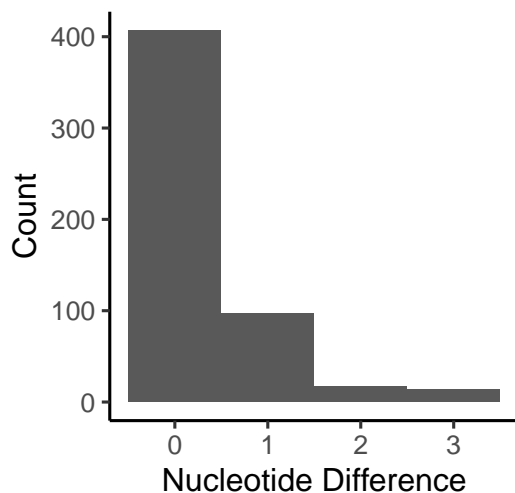
### TRBV6-23\*01

1344 sequences assigned  
990 (73.7%) exact matches, in which:  
950 unique CDR3  
14 unique J



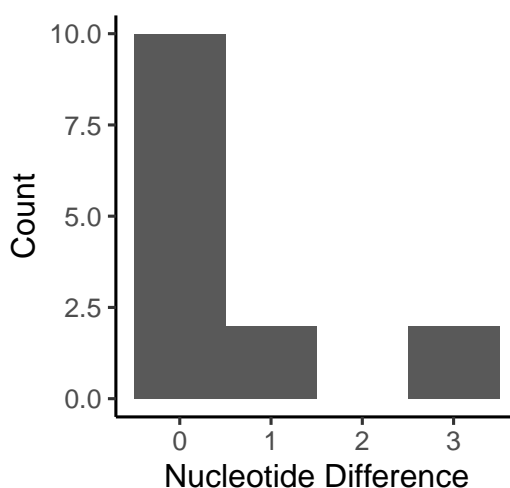
### TRBV6-6\*01

535 sequences assigned  
407 (76.1%) exact matches, in which:  
391 unique CDR3  
13 unique J



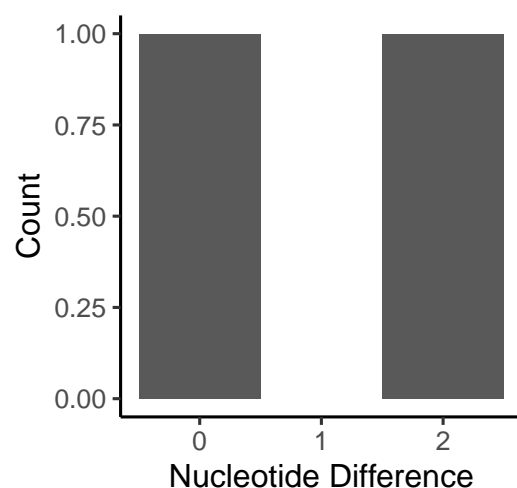
### TRBV6-8\*01

14 sequences assigned  
10 (71.4%) exact matches, in which:  
10 unique CDR3  
8 unique J



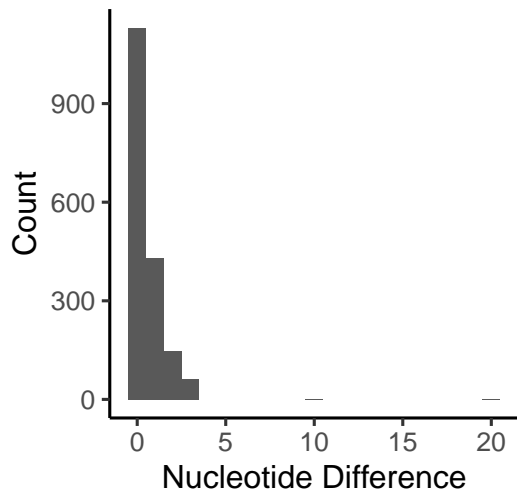
### TRBV7-1\*01

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



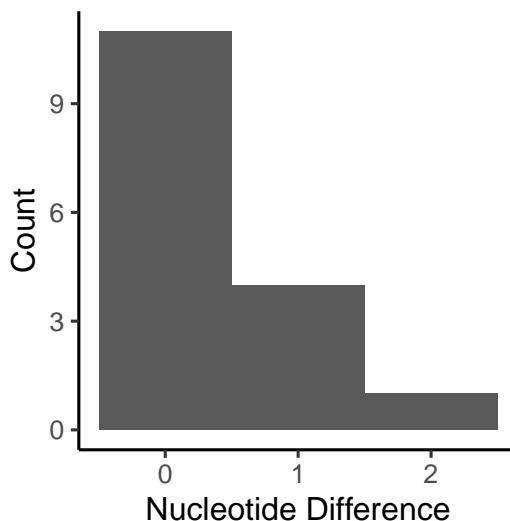
### TRBV7-2\*01

1773 sequences assigned  
1131 (63.8%) exact matches, in which:  
996 unique CDR3  
13 unique J



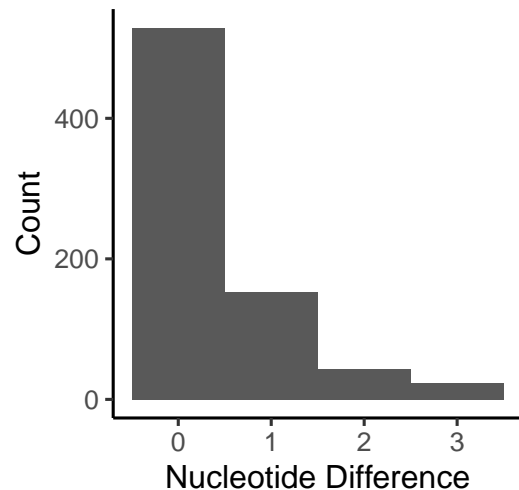
### TRBV7-4\*01

16 sequences assigned  
11 (68.8%) exact matches, in which:  
10 unique CDR3  
7 unique J



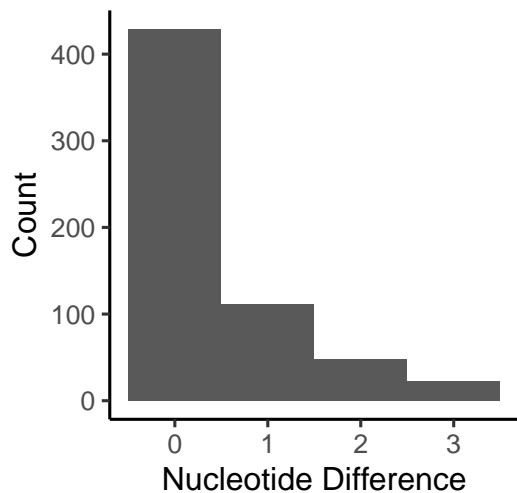
### TRBV7-8\*01

748 sequences assigned  
529 (70.7%) exact matches, in which:  
499 unique CDR3  
14 unique J



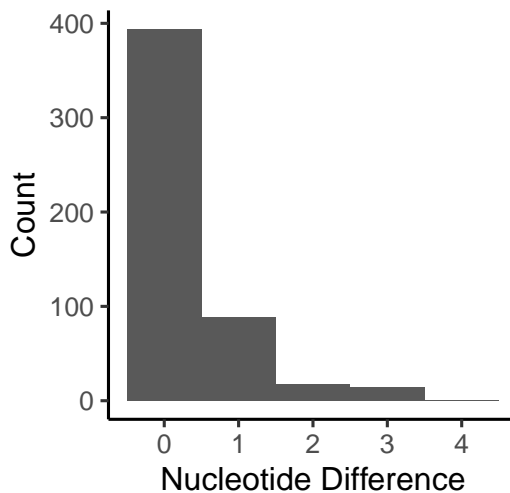
### TRBV7-2\*02

611 sequences assigned  
429 (70.2%) exact matches, in which:  
408 unique CDR3  
13 unique J



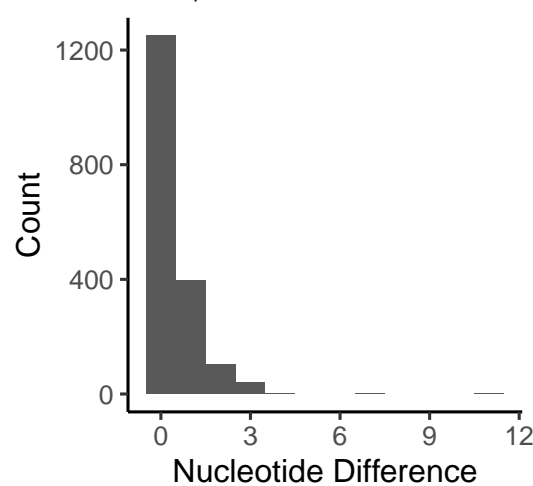
### TRBV7-6\*01

516 sequences assigned  
394 (76.4%) exact matches, in which:  
357 unique CDR3  
14 unique J



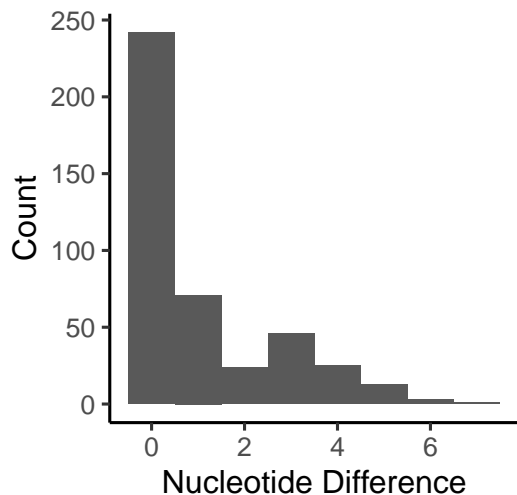
### TRBV7-9\*01

1792 sequences assigned  
1250 (69.8%) exact matches, in which:  
1207 unique CDR3  
14 unique J



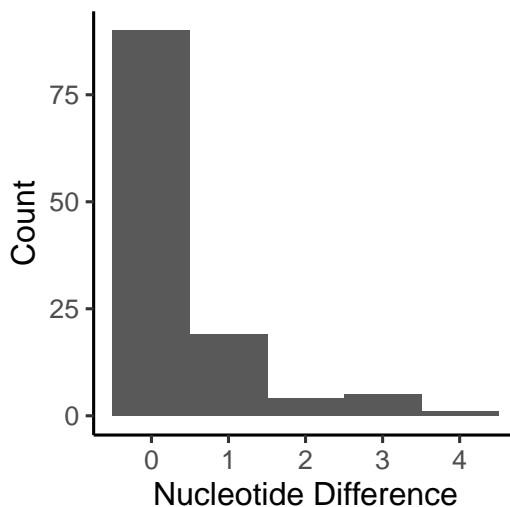
### TRBV7-3\*01

425 sequences assigned  
242 (56.9%) exact matches, in which:  
230 unique CDR3  
12 unique J



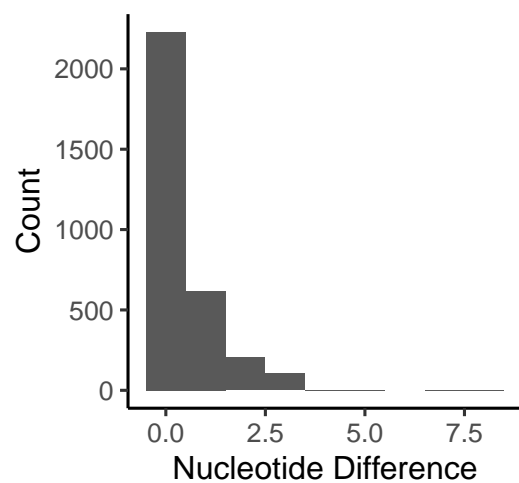
### TRBV7-7\*01

119 sequences assigned  
90 (75.6%) exact matches, in which:  
82 unique CDR3  
12 unique J

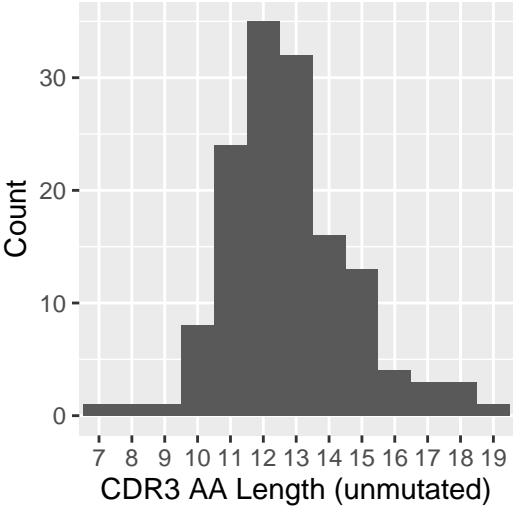


### TRBV29-1\*01

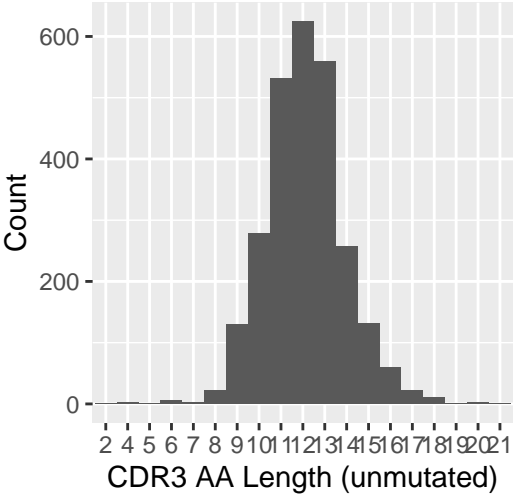
3164 sequences assigned  
2229 (70.4%) exact matches, in which:  
2126 unique CDR3  
14 unique J



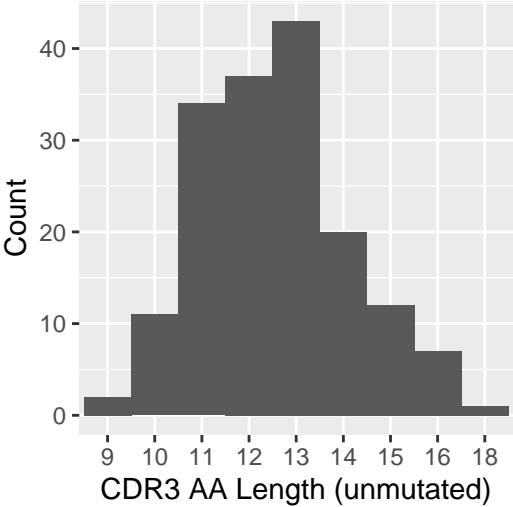
TRBV15\*02\_G275A

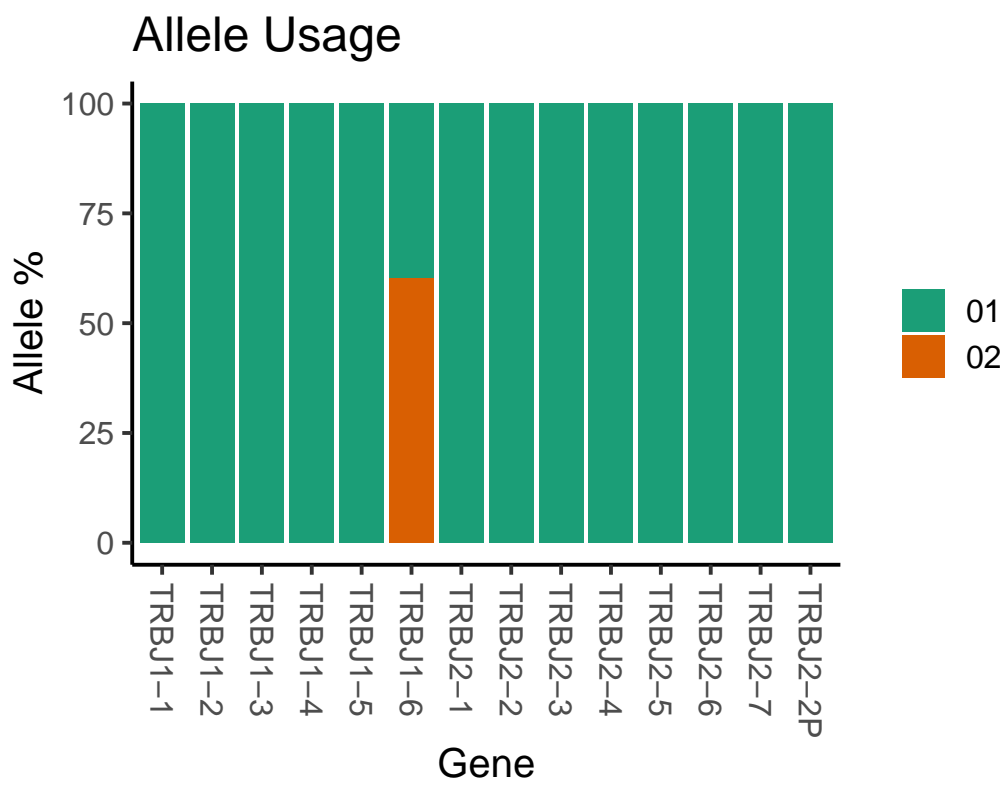


TRBV20-1\*02\_319AGAGA323



TRBV5-5\*02\_322TTGG325





### Sequence Count by TRBJ1–6 allele usage

