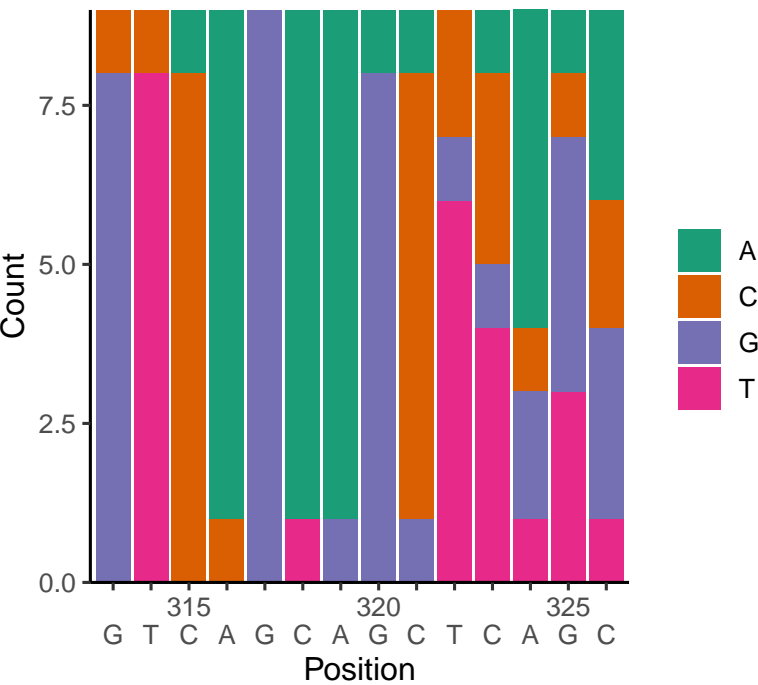


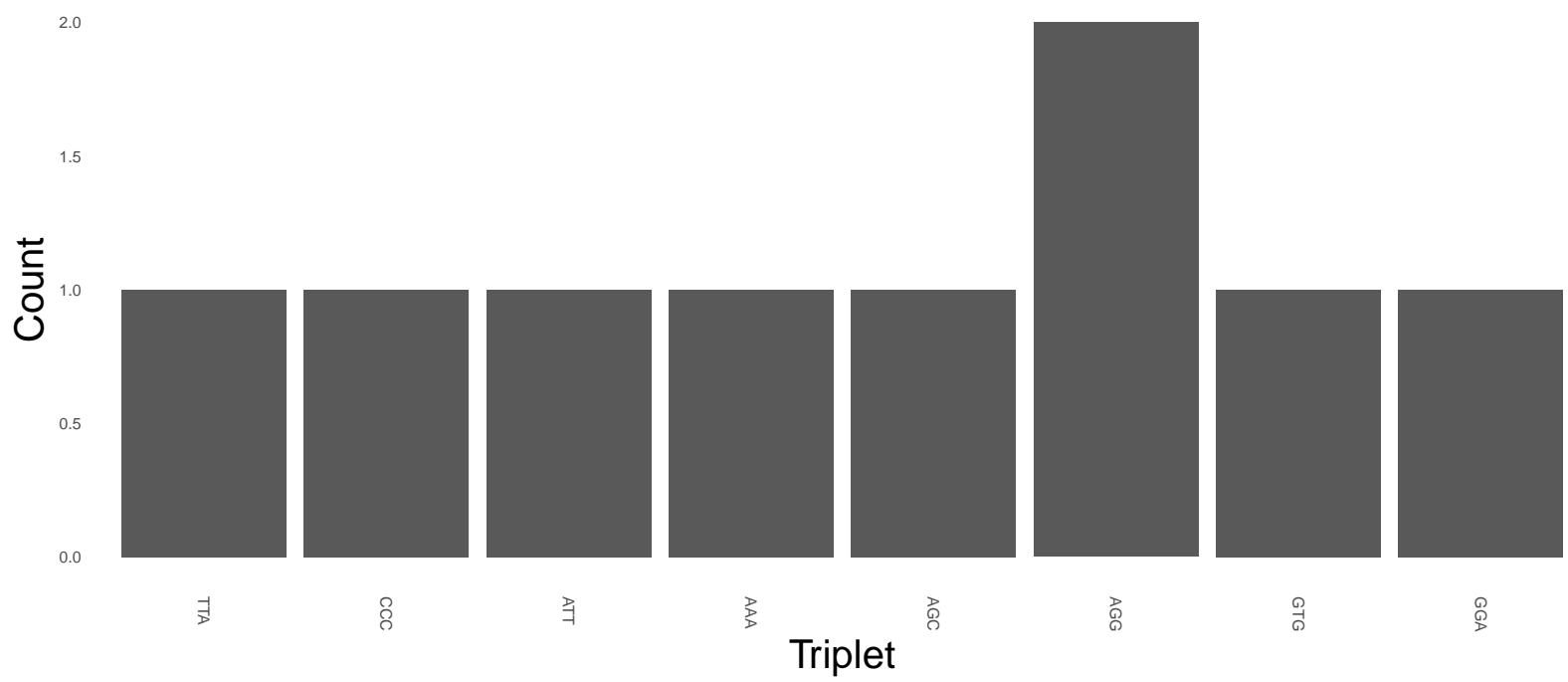
Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



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

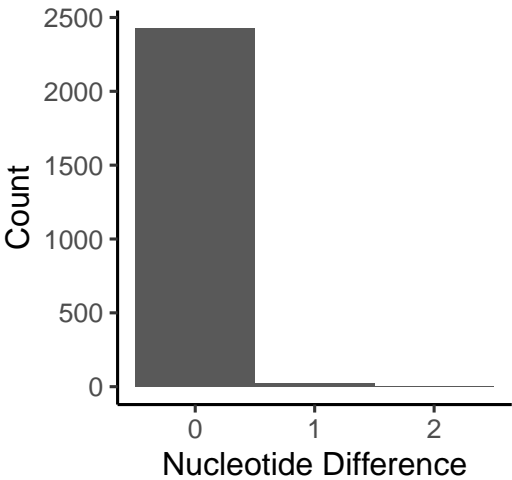


TRBV7-1\*ap01\_G291C\_T296C\_C314T- Final 3 nucleotides as a triplet



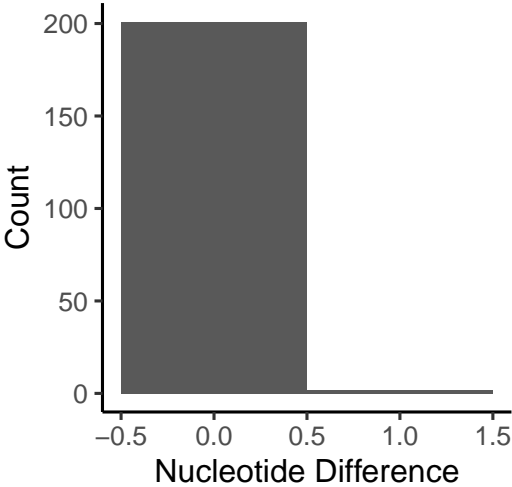
TRBV20-1\*ap01

2454 sequences assigned  
2426 (98.9%) exact matches, in which:  
2391 unique CDR3  
13 unique J



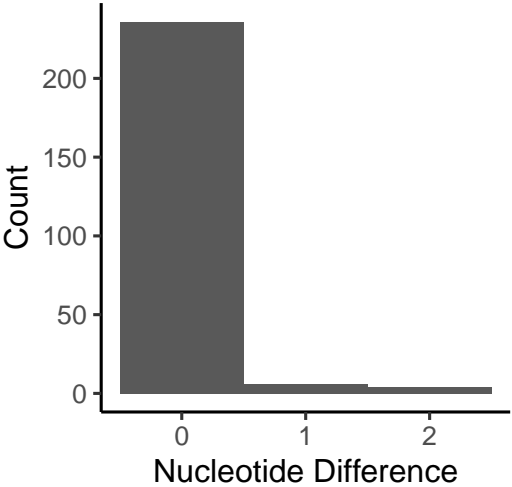
TRBV10-2\*ap01

203 sequences assigned  
201 (99%) exact matches, in which:  
199 unique CDR3  
11 unique J



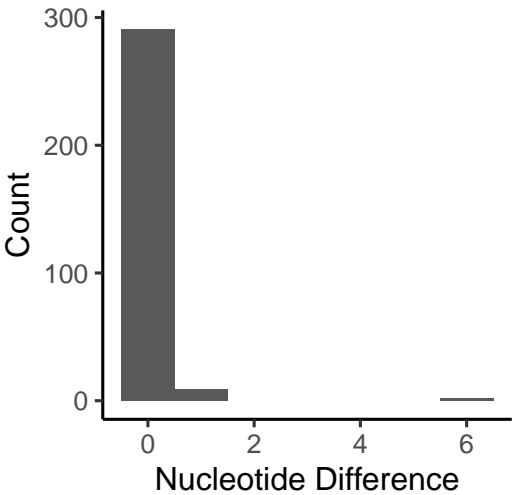
TRBV13\*ap01

246 sequences assigned  
236 (95.9%) exact matches, in which:  
235 unique CDR3  
13 unique J



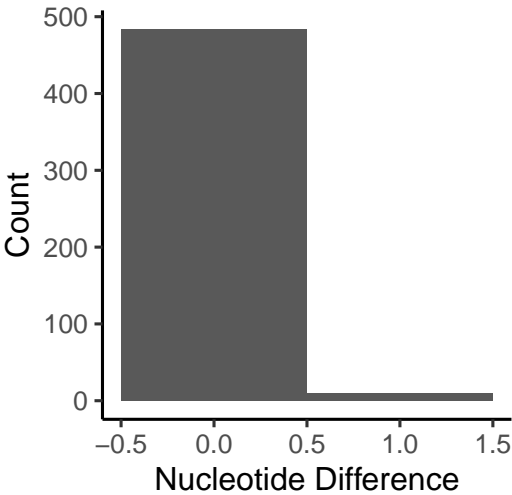
TRBV10-1\*ap01

302 sequences assigned  
291 (96.4%) exact matches, in which:  
288 unique CDR3  
13 unique J



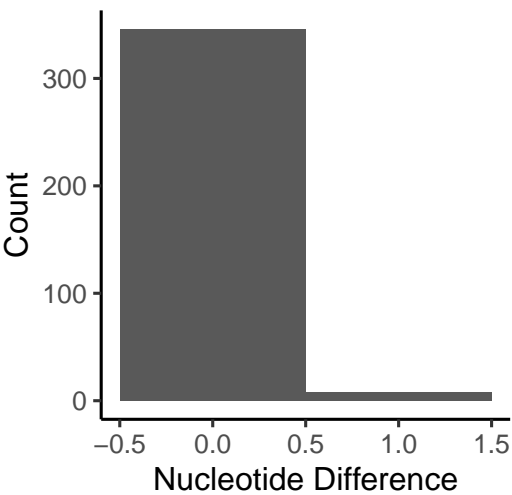
TRBV10-3\*ap01

494 sequences assigned  
484 (98%) exact matches, in which:  
482 unique CDR3  
12 unique J



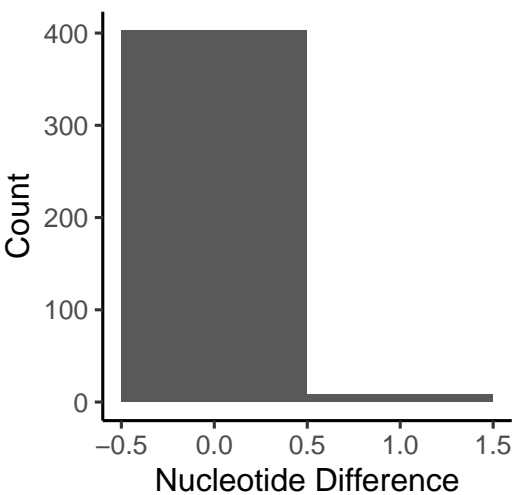
TRBV14\*ap01

354 sequences assigned  
346 (97.7%) exact matches, in which:  
343 unique CDR3  
13 unique J



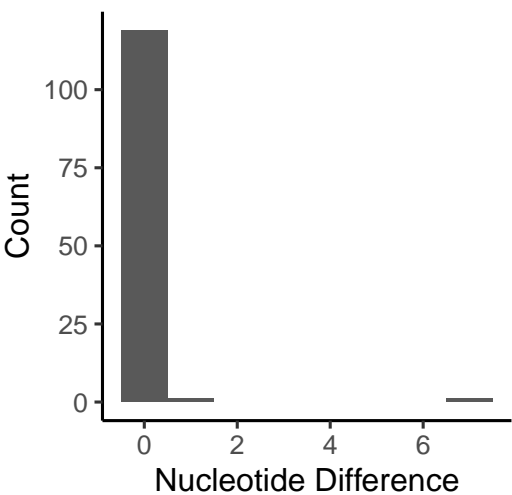
TRBV20-1\*ap02

411 sequences assigned  
403 (98.1%) exact matches, in which:  
395 unique CDR3  
12 unique J



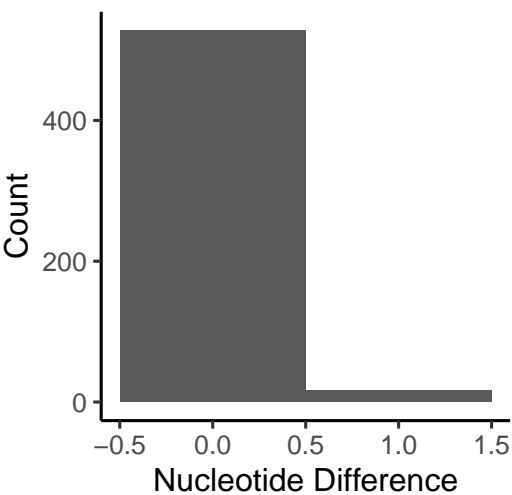
TRBV1\*ap01

121 sequences assigned  
119 (98.3%) exact matches, in which:  
117 unique CDR3  
11 unique J



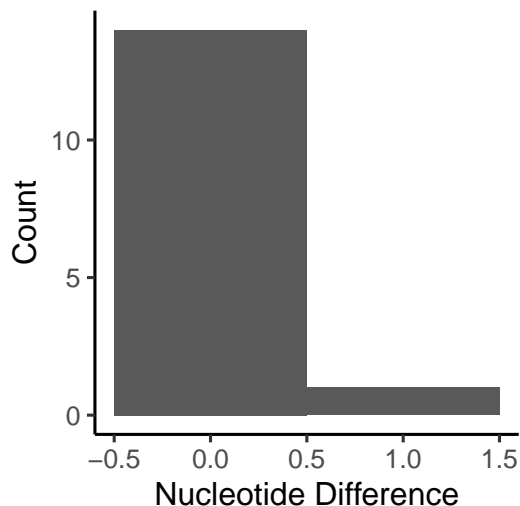
TRBV15\*ap02

545 sequences assigned  
528 (96.9%) exact matches, in which:  
524 unique CDR3  
13 unique J



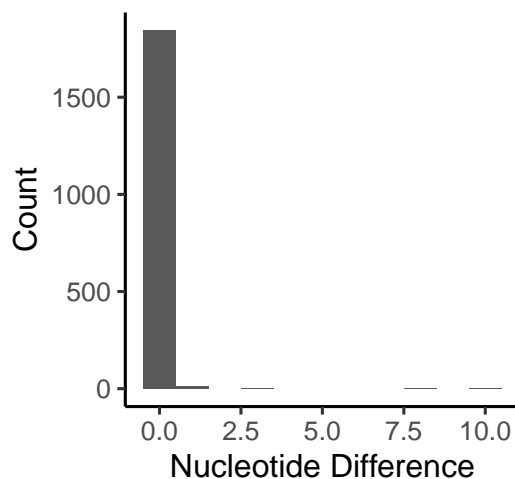
### TRBV16\*ap01

15 sequences assigned  
14 (93.3%) exact matches, in which:  
14 unique CDR3  
7 unique J



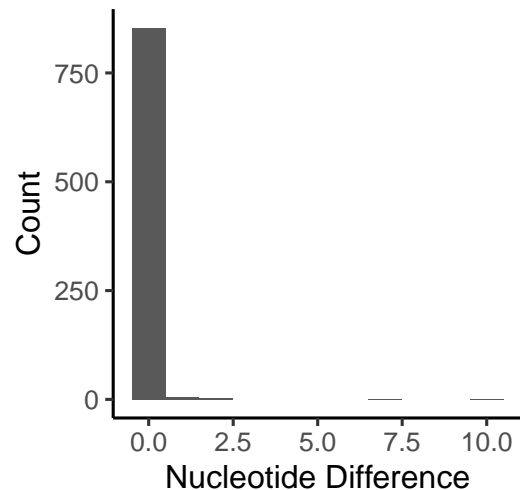
### TRBV19\*ap01

1859 sequences assigned  
1844 (99.2%) exact matches, in which:  
1833 unique CDR3  
13 unique J



### TRBV27\*ap01

865 sequences assigned  
854 (98.7%) exact matches, in which:  
852 unique CDR3  
13 unique J



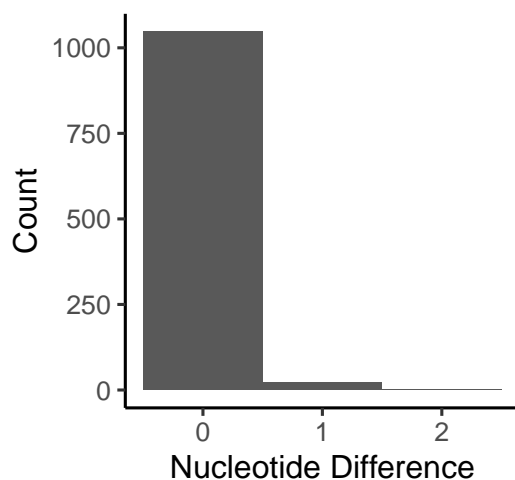
### TRBV17\*ap01

1 sequences assigned  
No exact matches.



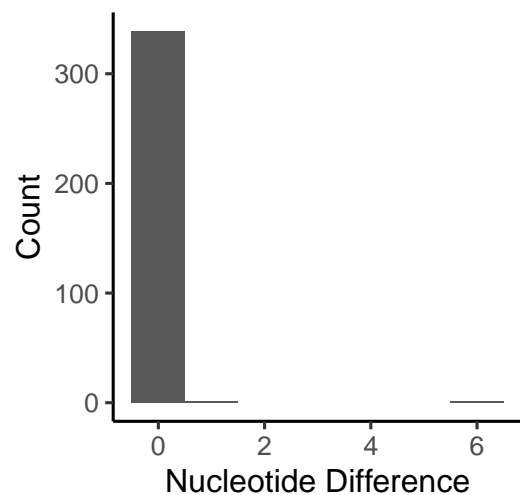
### TRBV2\*ap01

1069 sequences assigned  
1047 (97.9%) exact matches, in which:  
1036 unique CDR3  
13 unique J



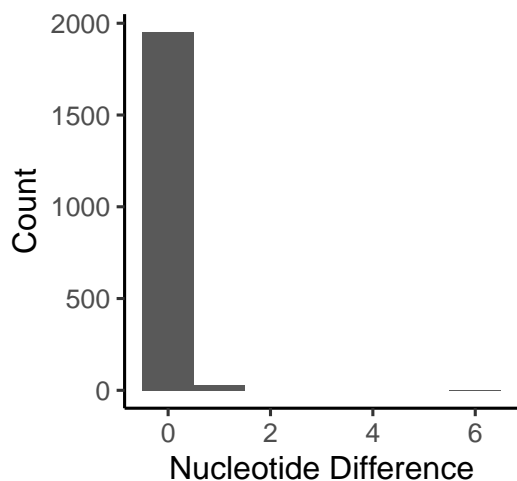
### TRBV28\*ap01

341 sequences assigned  
339 (99.4%) exact matches, in which:  
334 unique CDR3  
12 unique J



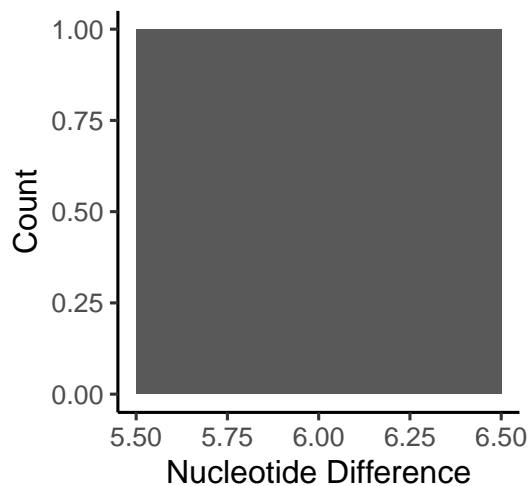
### TRBV18\*ap01

1983 sequences assigned  
1952 (98.4%) exact matches, in which:  
1926 unique CDR3  
13 unique J



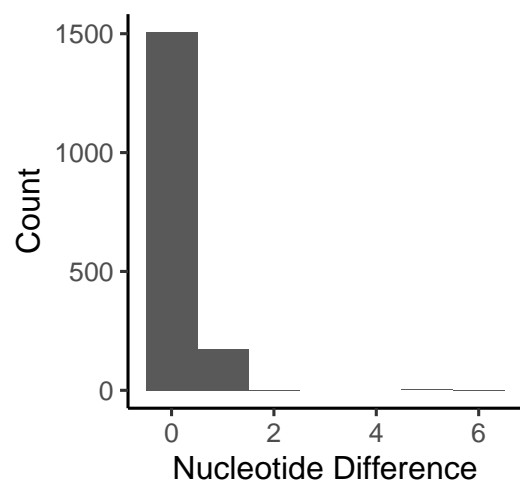
### TRBV26\*ap01

1 sequences assigned  
No exact matches.



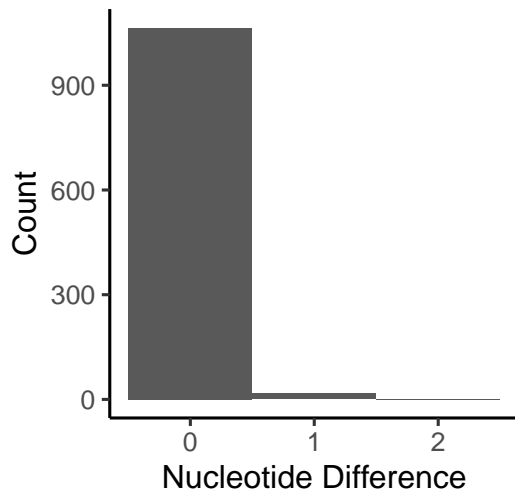
### TRBV30\*ap01

1686 sequences assigned  
1507 (89.4%) exact matches, in which:  
1450 unique CDR3  
13 unique J



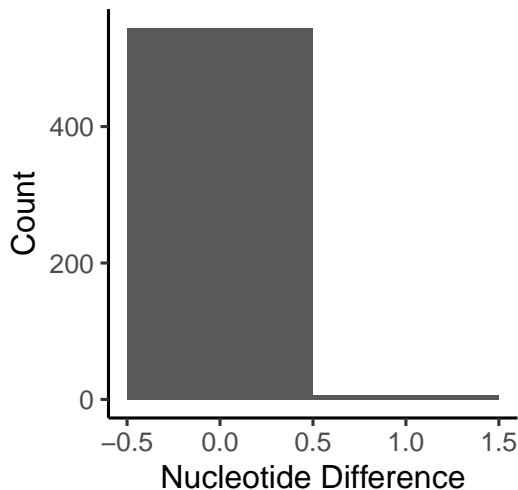
### TRBV9\*ap01

1083 sequences assigned  
1065 (98.3%) exact matches, in which:  
1050 unique CDR3  
13 unique J



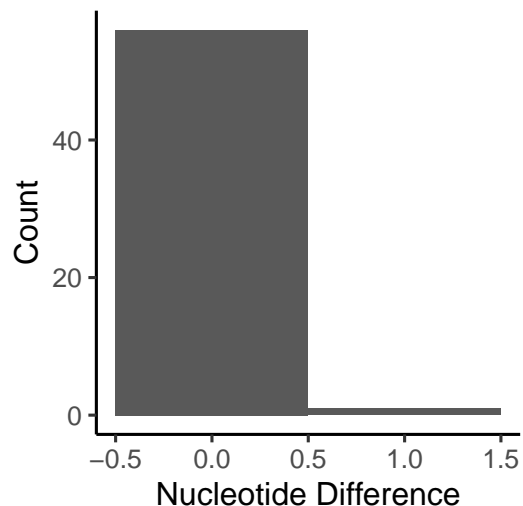
### TRBV11-2\*ap01

552 sequences assigned  
545 (98.7%) exact matches, in which:  
541 unique CDR3  
13 unique J



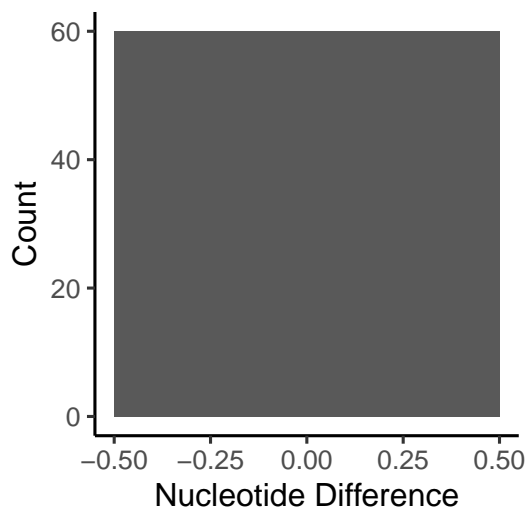
### TRBV12-2\*ap01

57 sequences assigned  
56 (98.2%) exact matches, in which:  
56 unique CDR3  
11 unique J



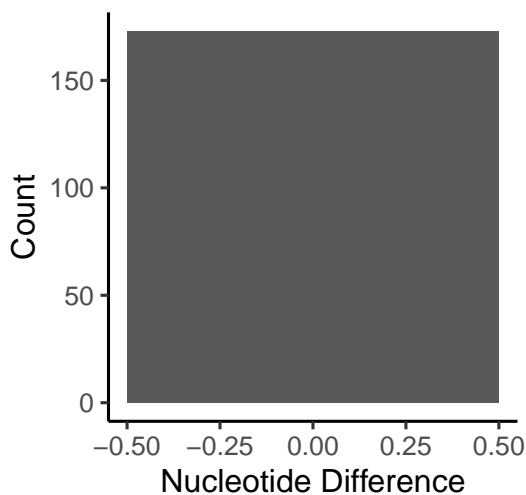
### TRBV11-1\*ap01

60 sequences assigned  
60 (100%) exact matches, in which:  
60 unique CDR3  
10 unique J



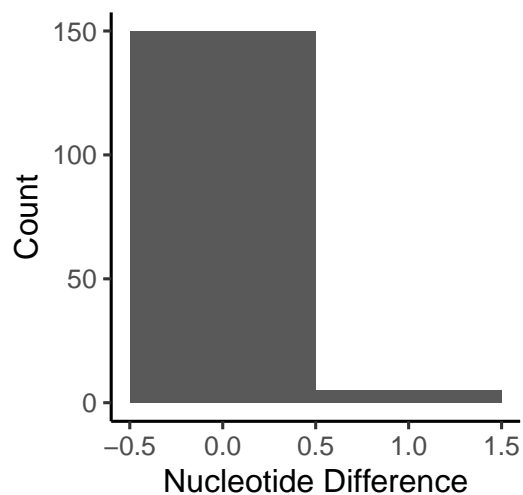
### TRBV11-3\*ap01

173 sequences assigned  
173 (100%) exact matches, in which:  
172 unique CDR3  
12 unique J



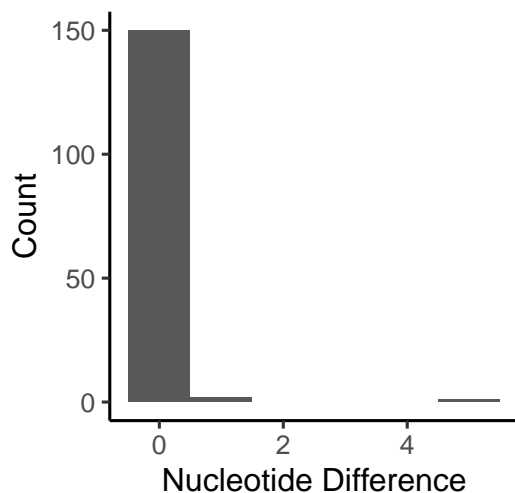
### TRBV12-5\*ap01

155 sequences assigned  
150 (96.8%) exact matches, in which:  
149 unique CDR3  
11 unique J



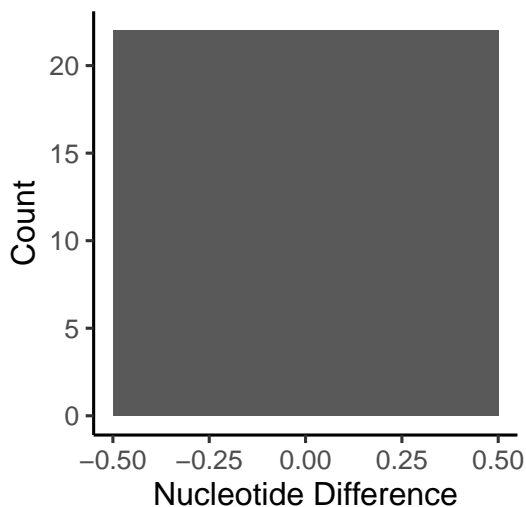
### TRBV21-1\*ap01

153 sequences assigned  
150 (98%) exact matches, in which:  
141 unique CDR3  
13 unique J



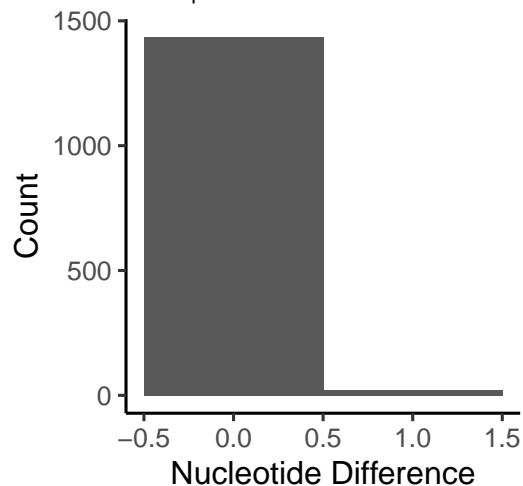
### TRBV12-1\*ap01

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



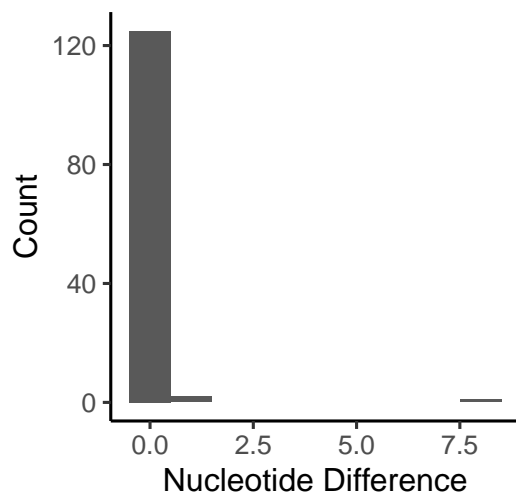
### TRBV12-34\*ap01

1456 sequences assigned  
1435 (98.6%) exact matches, in which:  
1421 unique CDR3  
13 unique J



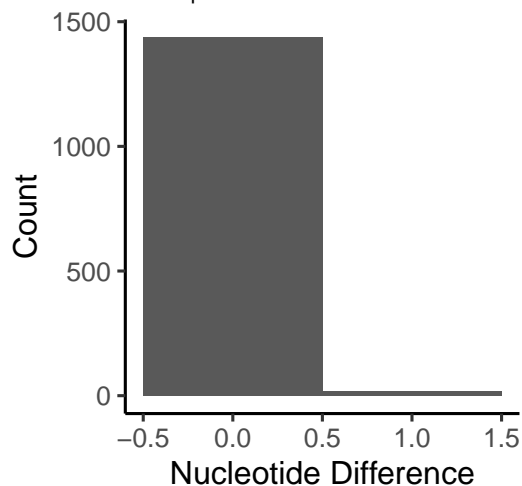
### TRBV23–1\*ap01

128 sequences assigned  
125 (97.7%) exact matches, in which:  
125 unique CDR3  
13 unique J



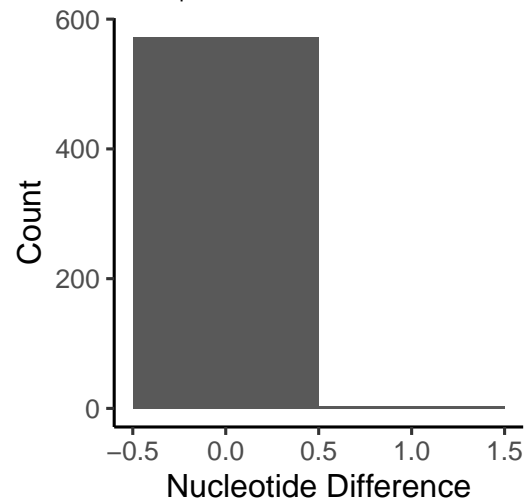
### TRBV4–1\*ap01

1454 sequences assigned  
1437 (98.8%) exact matches, in which:  
1416 unique CDR3  
13 unique J



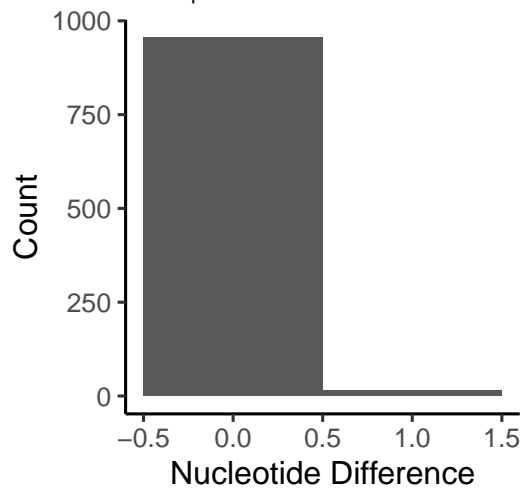
### TRBV25–1\*ap01

577 sequences assigned  
573 (99.3%) exact matches, in which:  
564 unique CDR3  
13 unique J



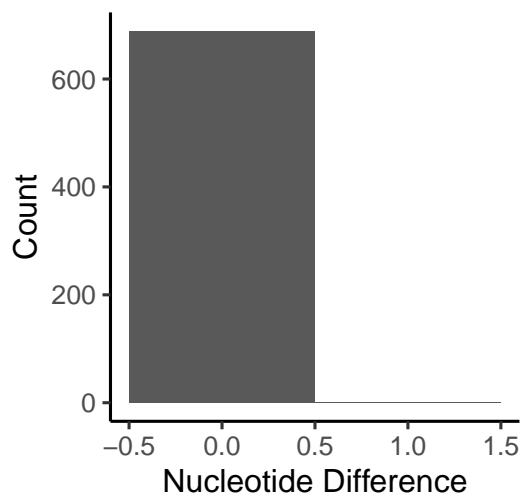
### TRBV3–12\*ap01

969 sequences assigned  
955 (98.6%) exact matches, in which:  
949 unique CDR3  
13 unique J



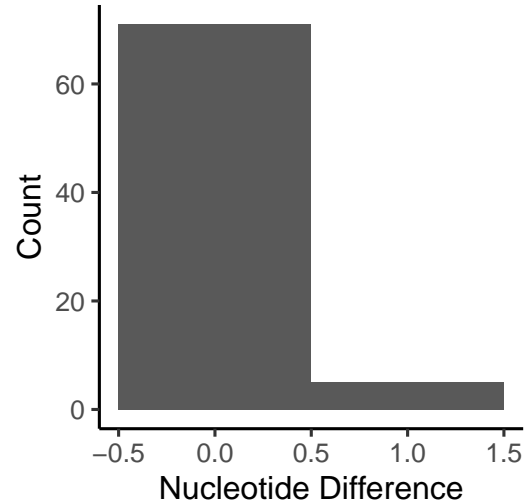
### TRBV4–2\*ap01

690 sequences assigned  
689 (99.9%) exact matches, in which:  
681 unique CDR3  
13 unique J



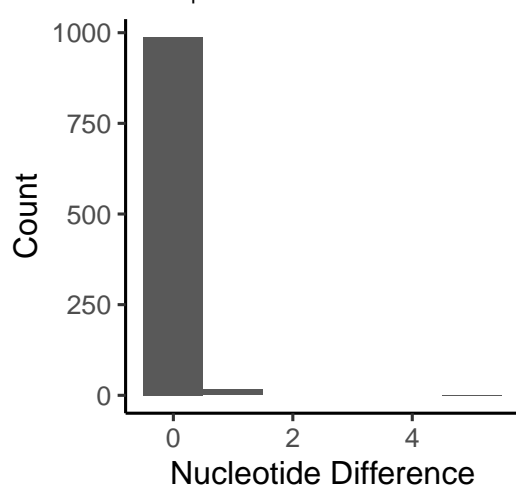
### TRBV5–3\*ap01

76 sequences assigned  
71 (93.4%) exact matches, in which:  
71 unique CDR3  
11 unique J



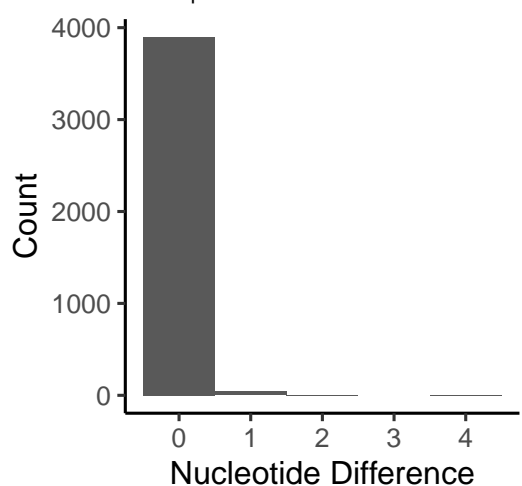
### TRBV24–1\*ap01

1005 sequences assigned  
988 (98.3%) exact matches, in which:  
985 unique CDR3  
12 unique J



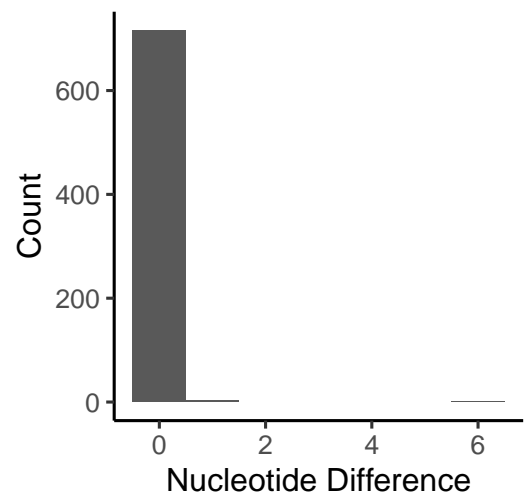
### TRBV5–1\*ap01

3942 sequences assigned  
3898 (98.9%) exact matches, in which:  
3848 unique CDR3  
13 unique J



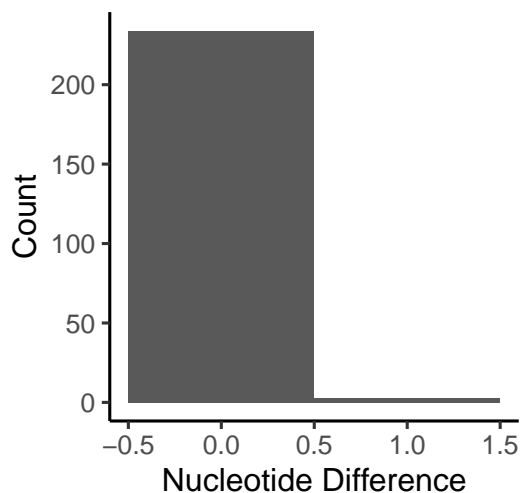
### TRBV5–4\*ap01

720 sequences assigned  
716 (99.4%) exact matches, in which:  
713 unique CDR3  
13 unique J



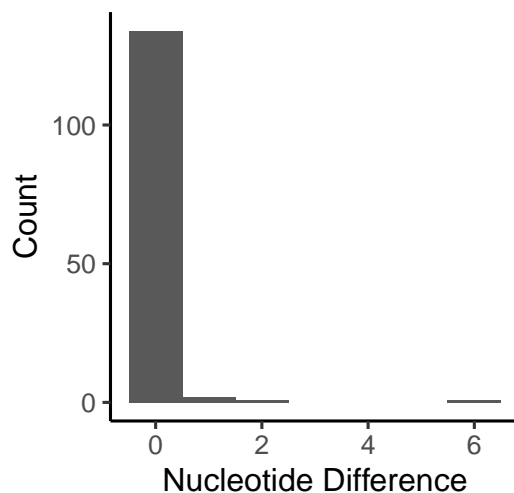
### TRBV5–5\*ap01

237 sequences assigned  
234 (98.7%) exact matches, in which:  
228 unique CDR3  
13 unique J



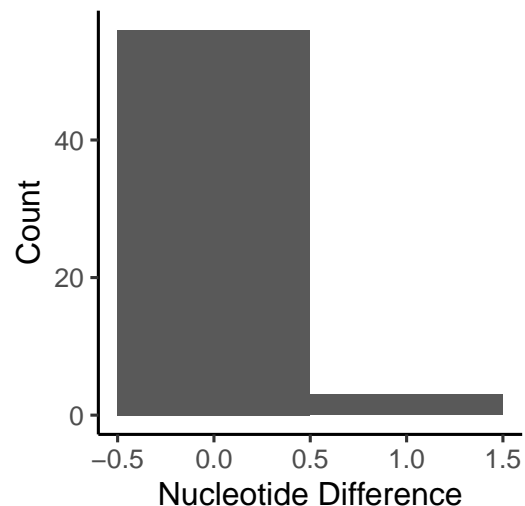
### TRBV5–8\*ap01

138 sequences assigned  
134 (97.1%) exact matches, in which:  
134 unique CDR3  
12 unique J



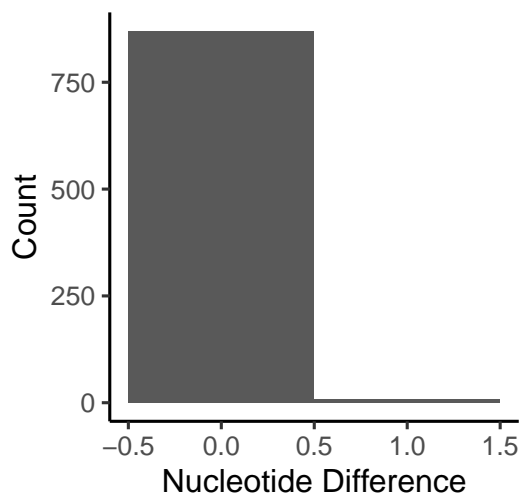
### TRBV6–7\*ap01

59 sequences assigned  
56 (94.9%) exact matches, in which:  
56 unique CDR3  
10 unique J



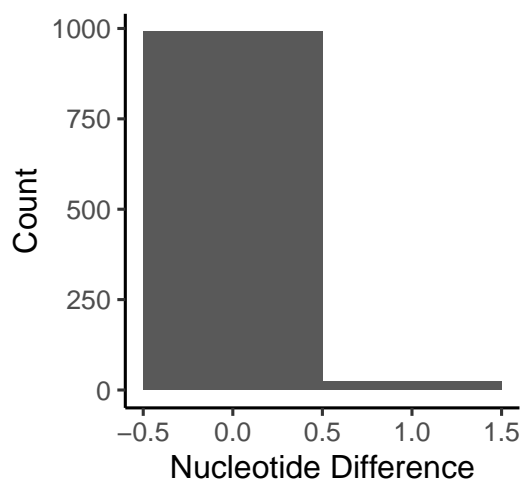
### TRBV5–6\*ap01

879 sequences assigned  
870 (99%) exact matches, in which:  
855 unique CDR3  
13 unique J



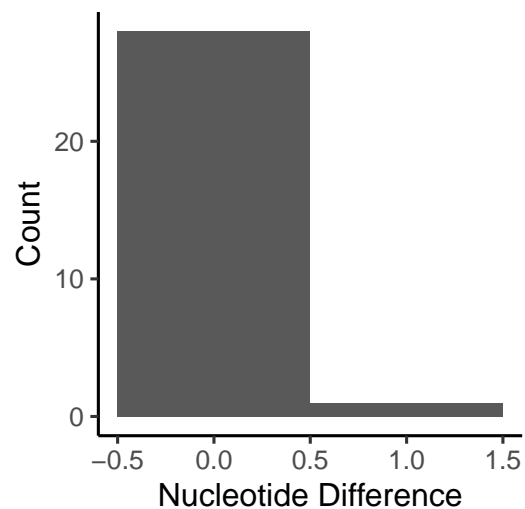
### TRBV6–1\*ap01

1014 sequences assigned  
991 (97.7%) exact matches, in which:  
983 unique CDR3  
13 unique J



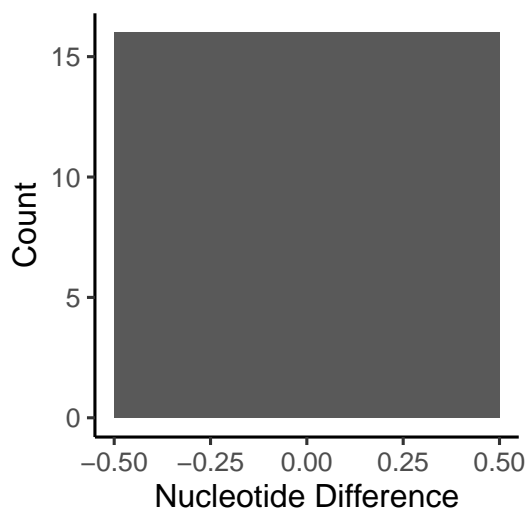
### TRBV6–8\*ap01

29 sequences assigned  
28 (96.6%) exact matches, in which:  
28 unique CDR3  
9 unique J



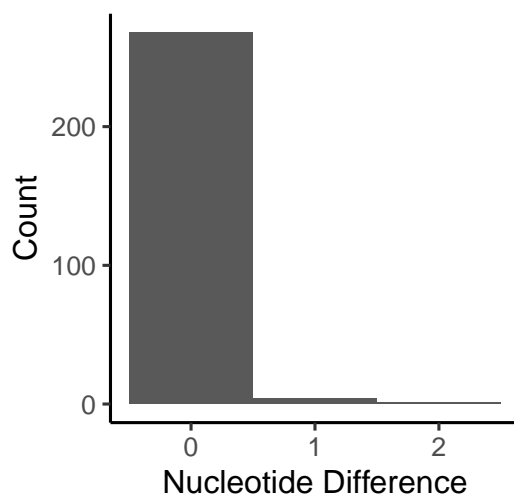
### TRBV5–7\*ap01

16 sequences assigned  
16 (100%) exact matches, in which:  
16 unique CDR3  
7 unique J



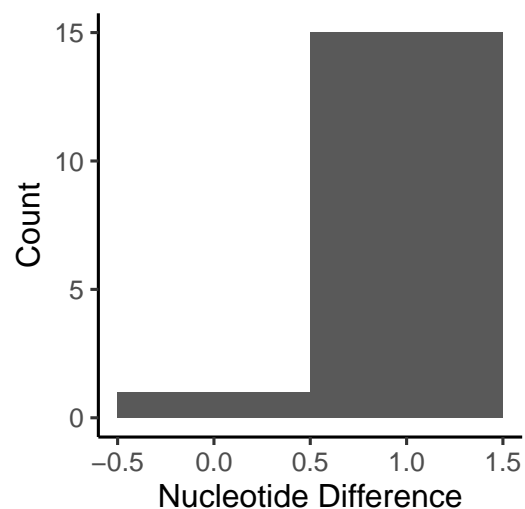
### TRBV6–4\*ap01

273 sequences assigned  
268 (98.2%) exact matches, in which:  
264 unique CDR3  
13 unique J



### TRBV6–9\*ap01

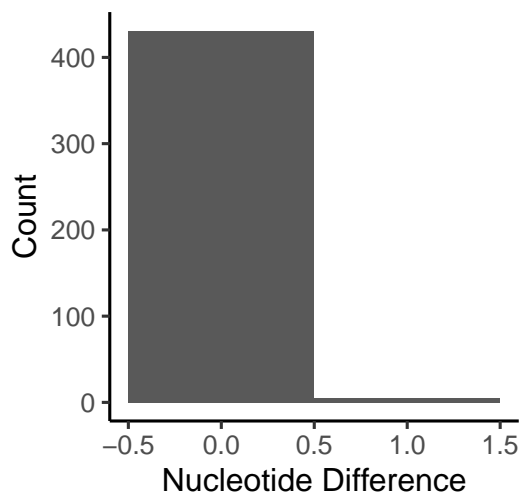
16 sequences assigned  
1 (6.2%) exact matches, in which:  
1 unique CDR3  
1 unique J





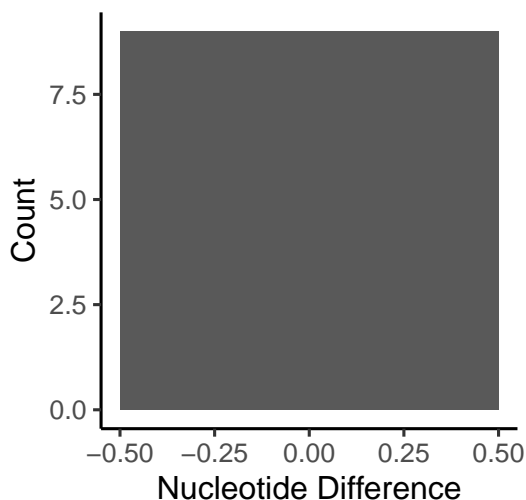
### TRBV6-23\*ap01

436 sequences assigned  
431 (98.9%) exact matches, in which:  
430 unique CDR3  
13 unique J



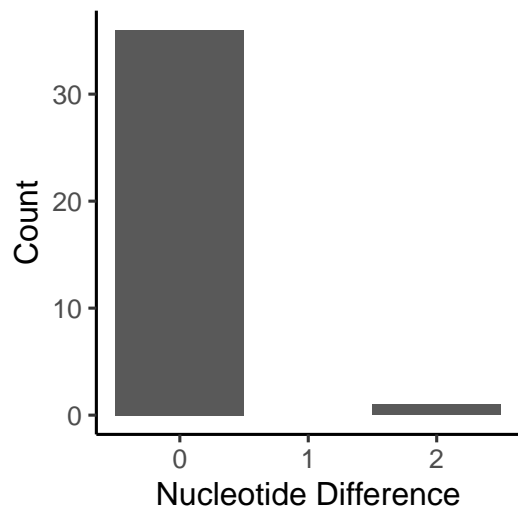
### TRBV7-1\*ap01\_G291C\_1

9 sequences assigned  
9 (100%) exact matches, in which:  
9 unique CDR3  
6 unique J



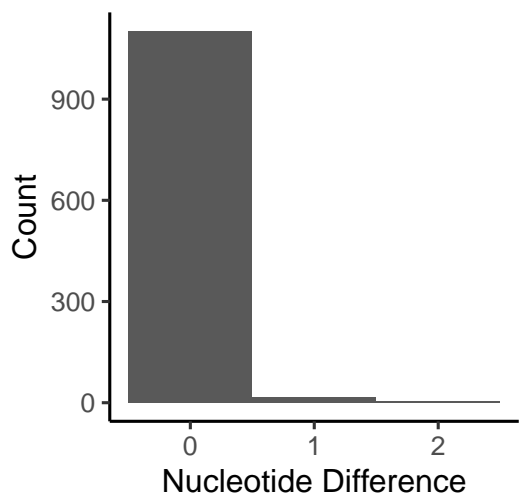
### TRBV7-4\*ap01

37 sequences assigned  
36 (97.3%) exact matches, in which:  
36 unique CDR3  
8 unique J



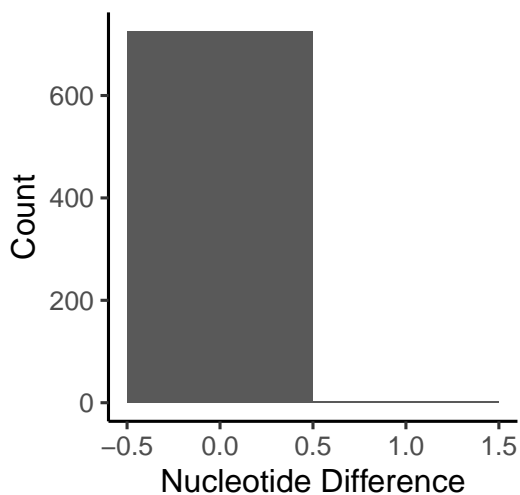
### TRBV6-56\*ap01

1121 sequences assigned  
1102 (98.3%) exact matches, in which:  
1091 unique CDR3  
13 unique J



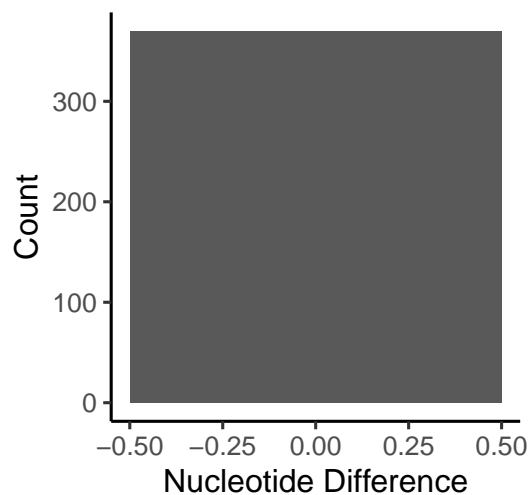
### TRBV7-2\*ap01

728 sequences assigned  
726 (99.7%) exact matches, in which:  
724 unique CDR3  
12 unique J



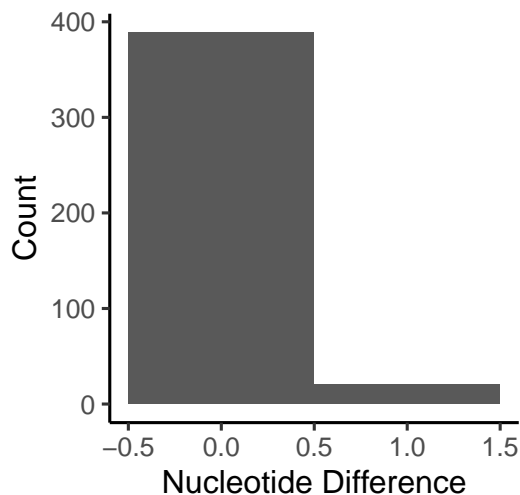
### TRBV7-6\*ap01

370 sequences assigned  
370 (100%) exact matches, in which:  
356 unique CDR3  
12 unique J



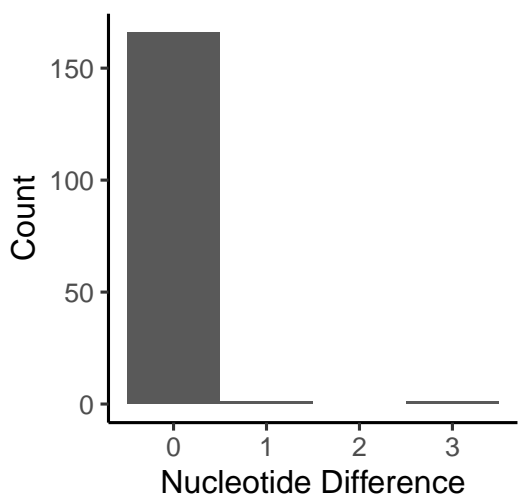
### TRBV6-56\*ap02

409 sequences assigned  
389 (95.1%) exact matches, in which:  
386 unique CDR3  
13 unique J



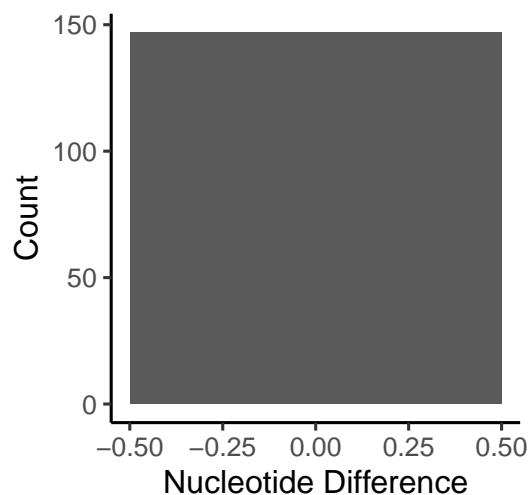
### TRBV7-3\*ap03

168 sequences assigned  
166 (98.8%) exact matches, in which:  
165 unique CDR3  
12 unique J



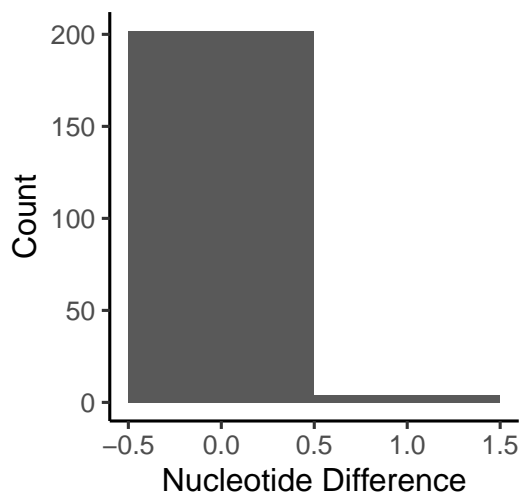
### TRBV7-7\*ap01

147 sequences assigned  
147 (100%) exact matches, in which:  
143 unique CDR3  
11 unique J



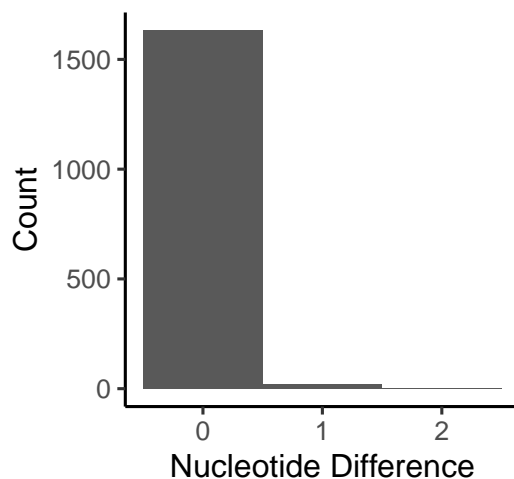
### TRBV7-8\*ap01

206 sequences assigned  
202 (98.1%) exact matches, in which:  
199 unique CDR3  
13 unique J



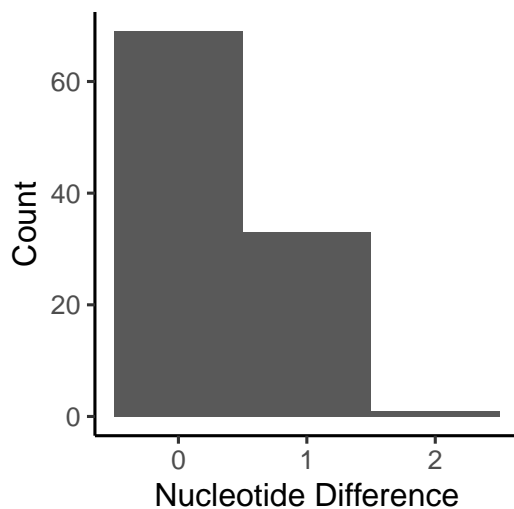
### TRBV29-1\*ap01

1654 sequences assigned  
1632 (98.7%) exact matches, in which:  
1586 unique CDR3  
13 unique J



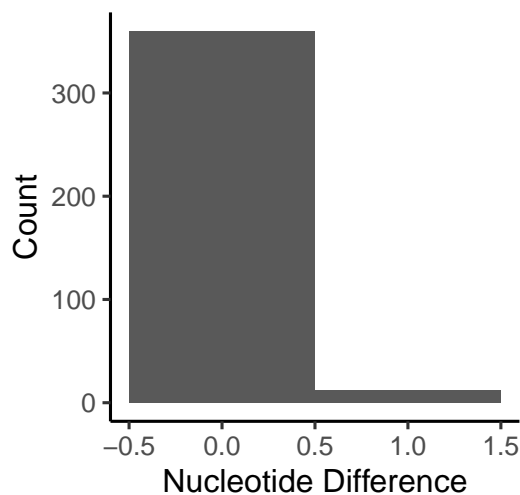
### TRBV7-8\*ap03

103 sequences assigned  
69 (67%) exact matches, in which:  
69 unique CDR3  
11 unique J



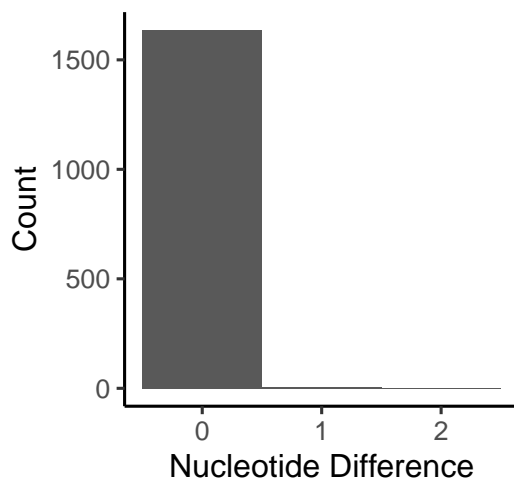
### TRBV29-1\*ap02

372 sequences assigned  
360 (96.8%) exact matches, in which:  
341 unique CDR3  
13 unique J

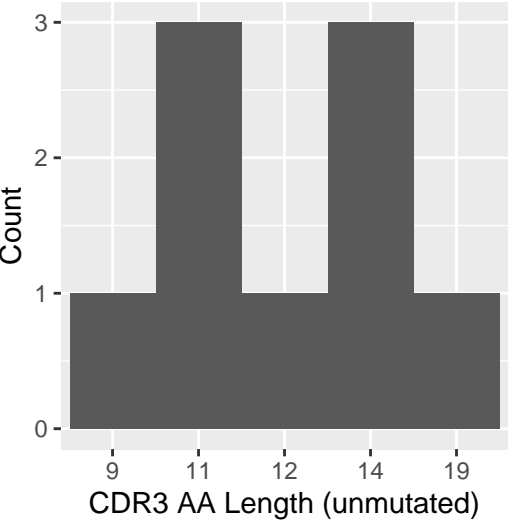


### TRBV7-9\*ap01

1642 sequences assigned  
1636 (99.6%) exact matches, in which:  
1616 unique CDR3  
13 unique J



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





Warning – no inferred sequences found.

Warning – no inferred sequences found.