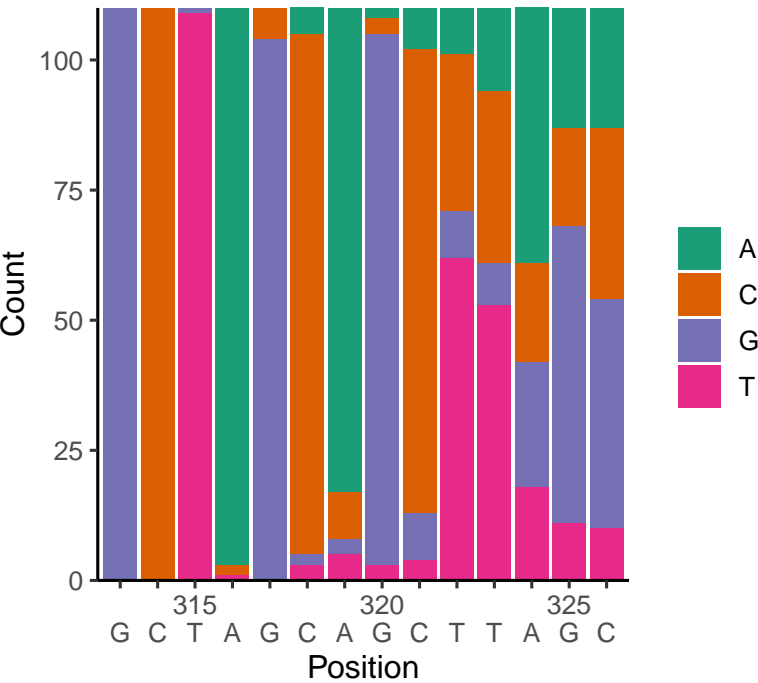


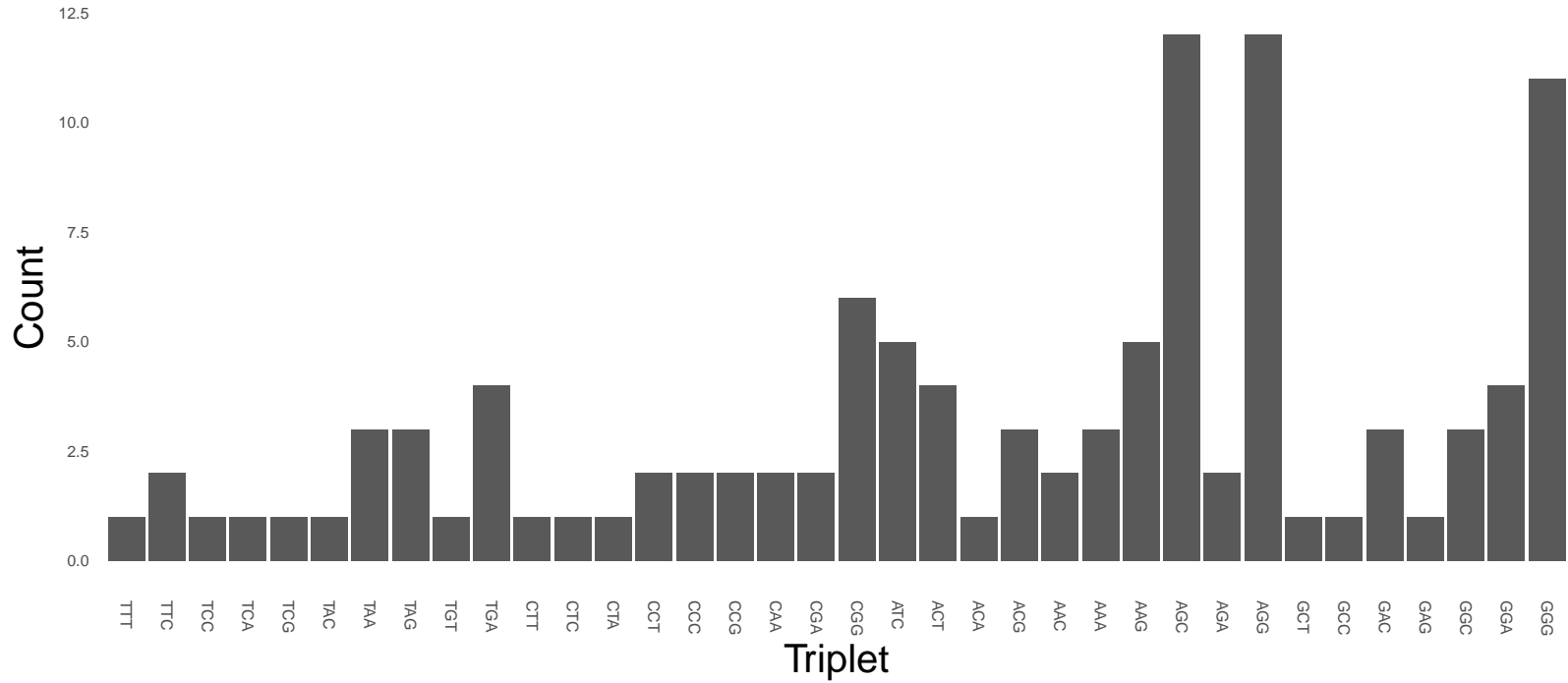
Gene TRBV7-7\*ap01\_C315T



Gene TRBV7-7\*ap01\_C315T

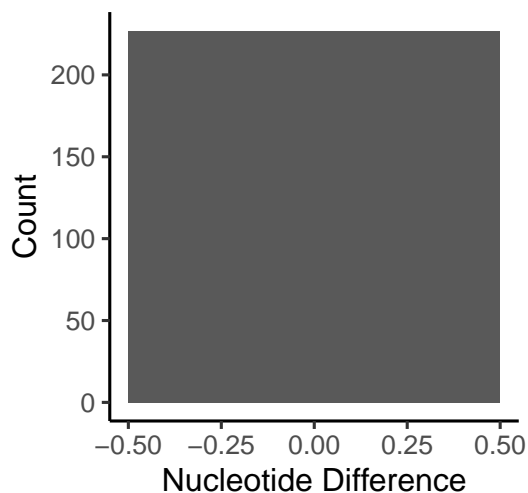


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



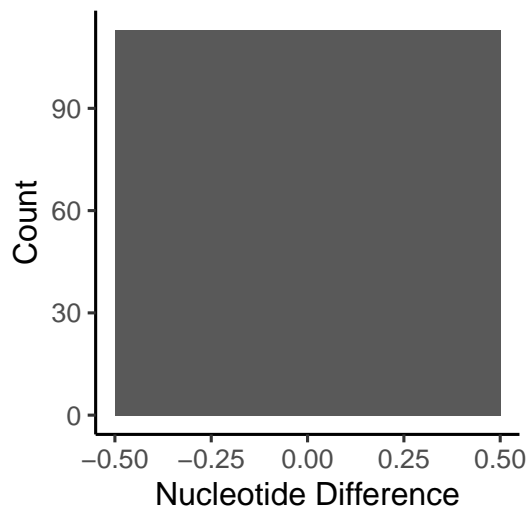
### TRBV10–1\*ap01

227 sequences assigned  
227 (100%) exact matches, in which:  
224 unique CDR3  
13 unique J



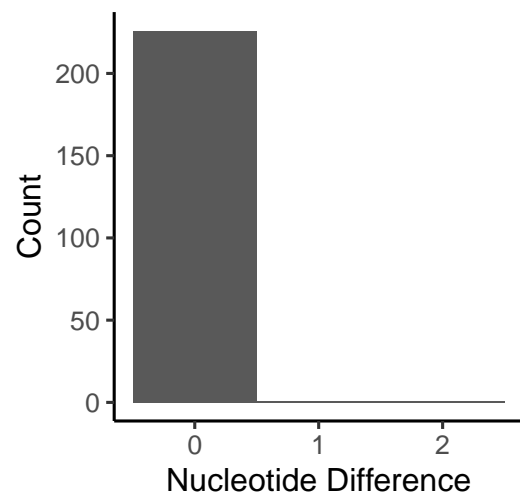
### TRBV10–2\*ap01

113 sequences assigned  
113 (100%) exact matches, in which:  
110 unique CDR3  
11 unique J



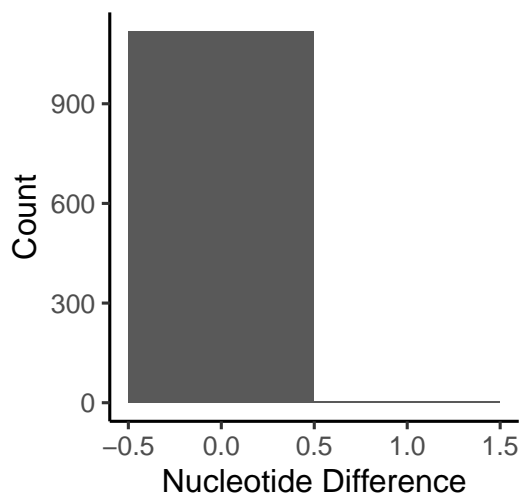
### TRBV13\*ap01

228 sequences assigned  
226 (99.1%) exact matches, in which:  
222 unique CDR3  
12 unique J



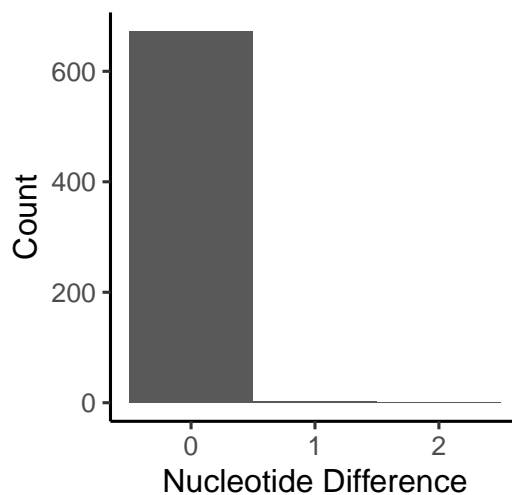
### TRBV20–1\*ap01

1124 sequences assigned  
1119 (99.6%) exact matches, in which:  
1098 unique CDR3  
13 unique J



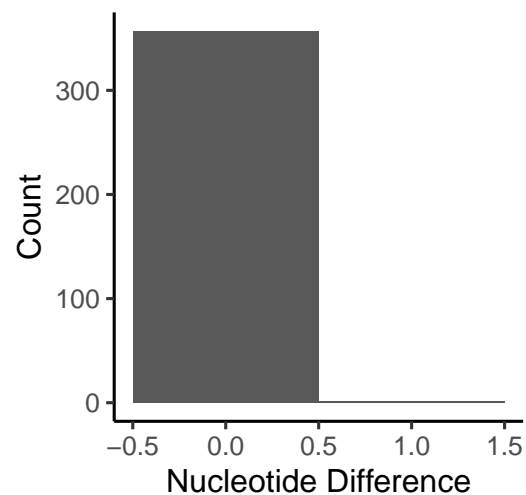
### TRBV10–3\*ap01

676 sequences assigned  
673 (99.6%) exact matches, in which:  
668 unique CDR3  
12 unique J



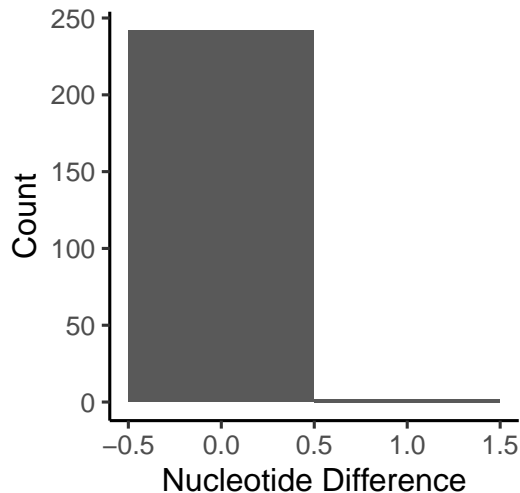
### TRBV14\*ap01

358 sequences assigned  
357 (99.7%) exact matches, in which:  
355 unique CDR3  
13 unique J



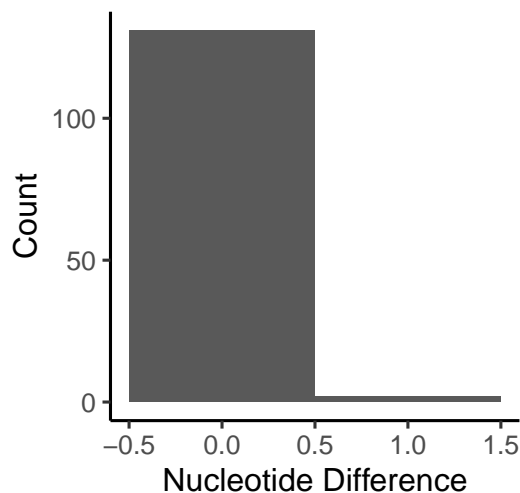
### TRBV20–1\*ap02

244 sequences assigned  
242 (99.2%) exact matches, in which:  
235 unique CDR3  
12 unique J



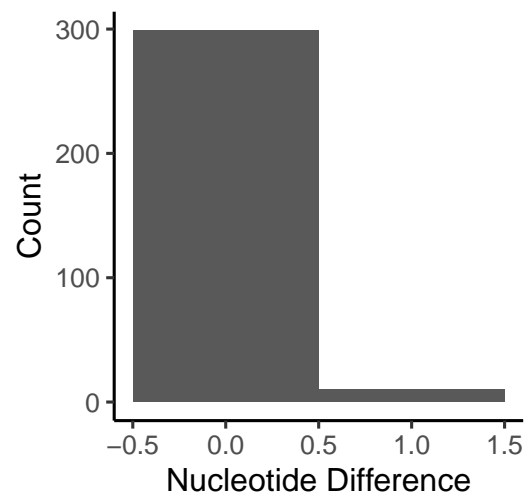
### TRBV1\*ap01

133 sequences assigned  
131 (98.5%) exact matches, in which:  
128 unique CDR3  
10 unique J



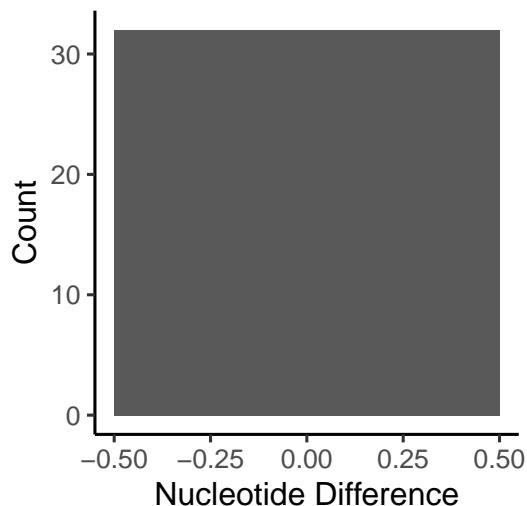
### TRBV15\*ap02

309 sequences assigned  
299 (96.8%) exact matches, in which:  
294 unique CDR3  
12 unique J



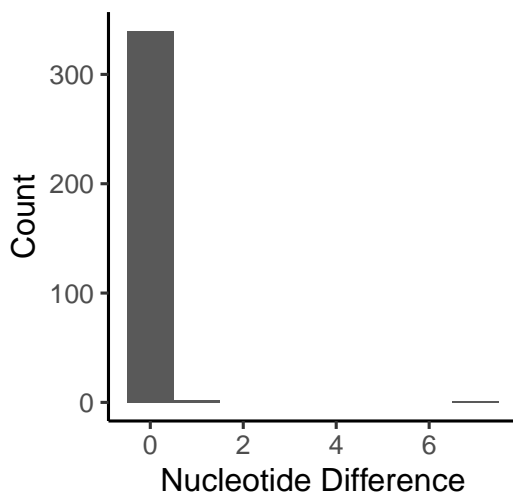
### TRBV16\*ap01

32 sequences assigned  
32 (100%) exact matches, in which:  
32 unique CDR3  
10 unique J



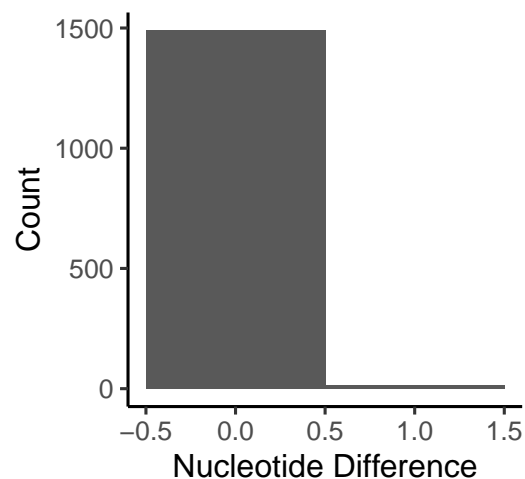
### TRBV2\*ap01

343 sequences assigned  
340 (99.1%) exact matches, in which:  
338 unique CDR3  
12 unique J



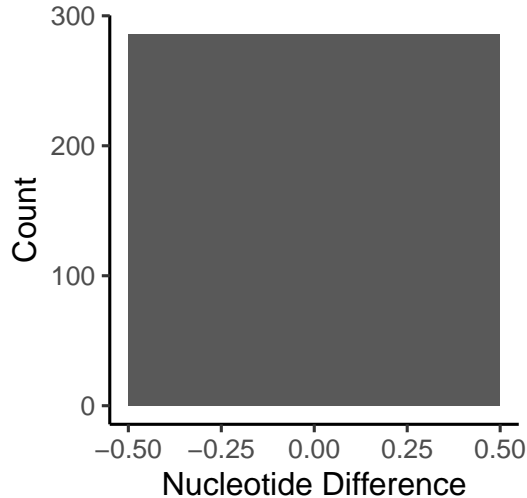
### TRBV30\*ap01

1504 sequences assigned  
1490 (99.1%) exact matches, in which:  
1453 unique CDR3  
13 unique J



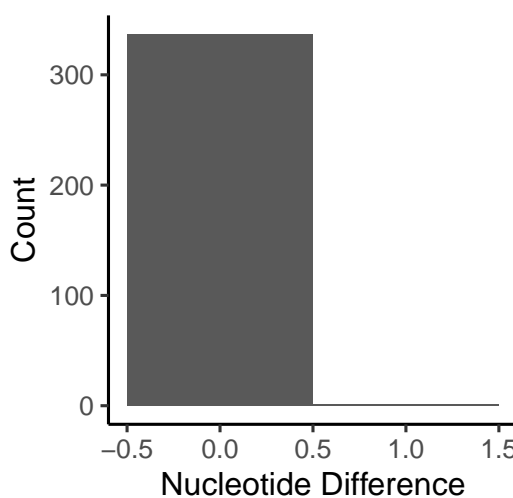
### TRBV18\*ap01

286 sequences assigned  
286 (100%) exact matches, in which:  
284 unique CDR3  
12 unique J



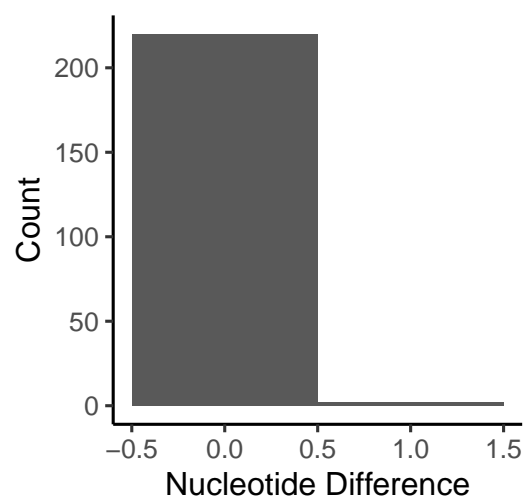
### TRBV27\*ap01

338 sequences assigned  
337 (99.7%) exact matches, in which:  
333 unique CDR3  
12 unique J



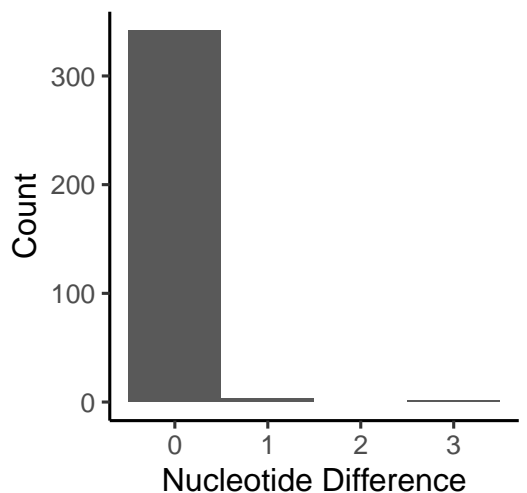
### TRBV30\*ap03

222 sequences assigned  
220 (99.1%) exact matches, in which:  
216 unique CDR3  
13 unique J



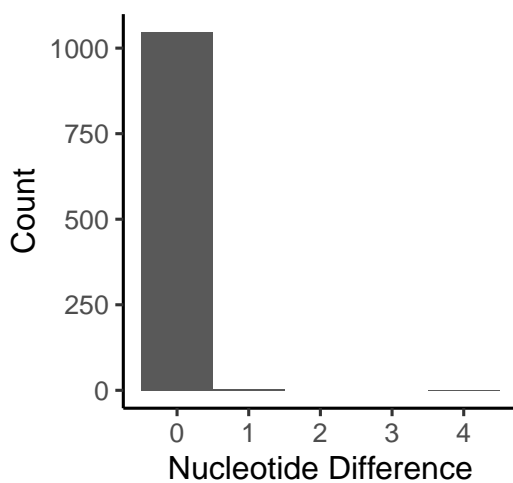
### TRBV19\*ap01

346 sequences assigned  
342 (98.8%) exact matches, in which:  
342 unique CDR3  
12 unique J



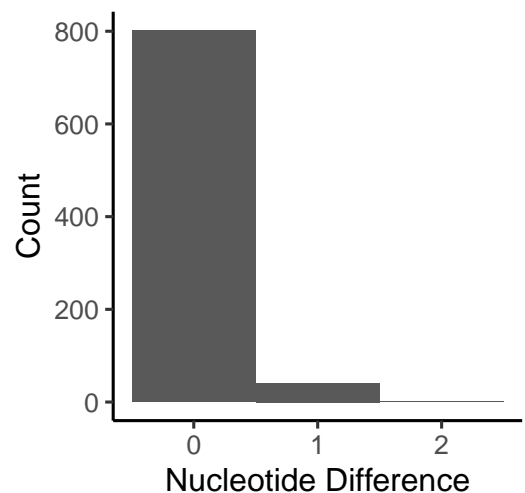
### TRBV28\*ap01

1052 sequences assigned  
1047 (99.5%) exact matches, in which:  
1044 unique CDR3  
13 unique J



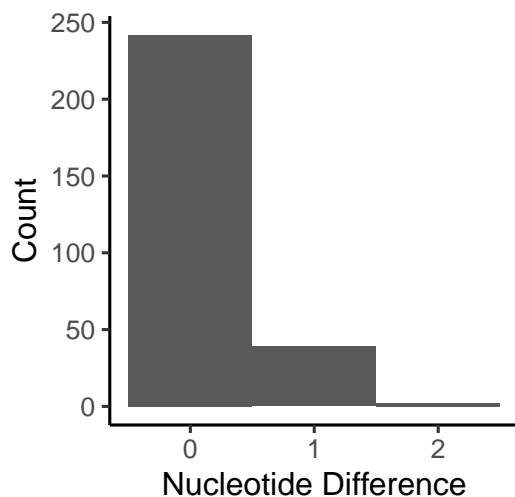
### TRBV9\*ap01

845 sequences assigned  
802 (94.9%) exact matches, in which:  
794 unique CDR3  
12 unique J



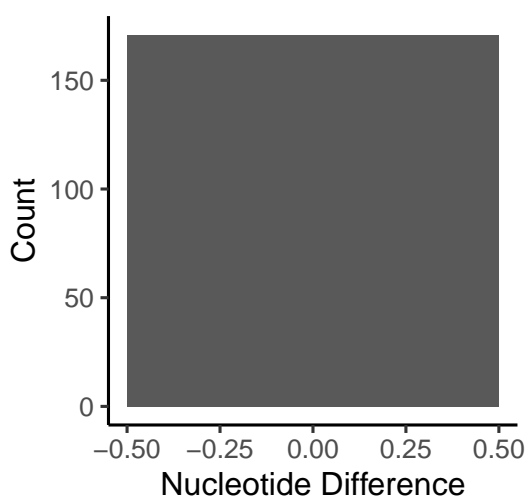
### TRBV21–1\*ap01

283 sequences assigned  
242 (85.5%) exact matches, in which:  
240 unique CDR3  
13 unique J



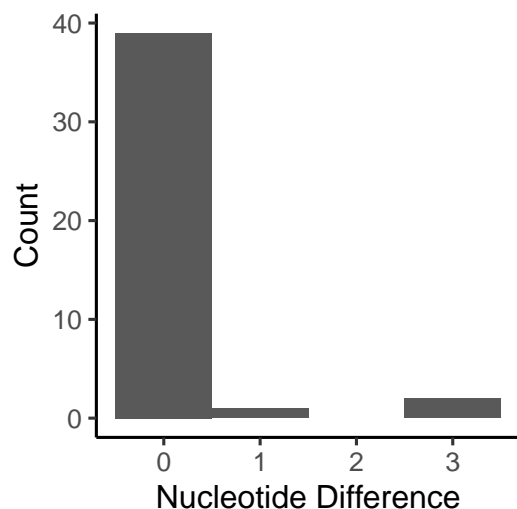
### TRBV11–3\*ap01

171 sequences assigned  
171 (100%) exact matches, in which:  
171 unique CDR3  
12 unique J



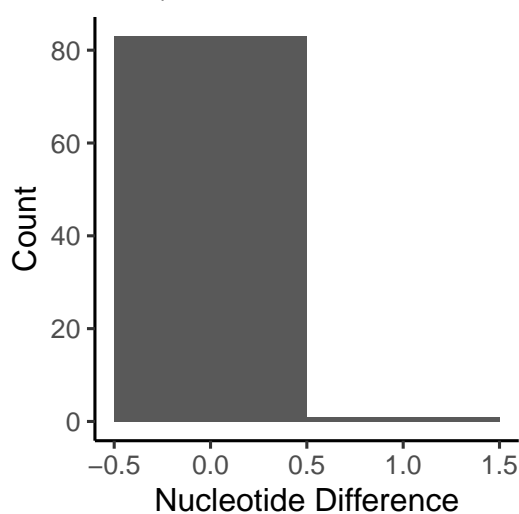
### TRBV12–5\*ap01

42 sequences assigned  
39 (92.9%) exact matches, in which:  
39 unique CDR3  
11 unique J



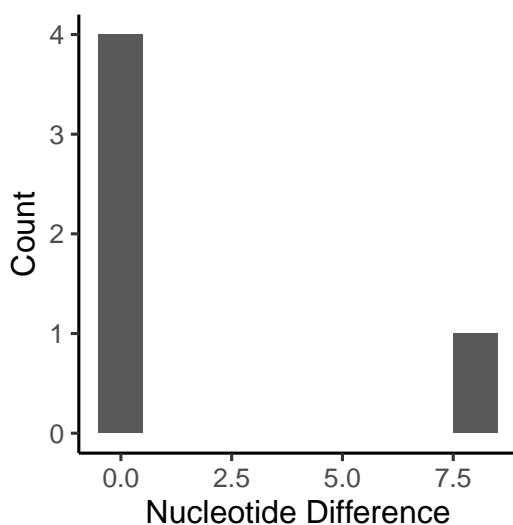
### TRBV11–1\*ap01

84 sequences assigned  
83 (98.8%) exact matches, in which:  
83 unique CDR3  
12 unique J



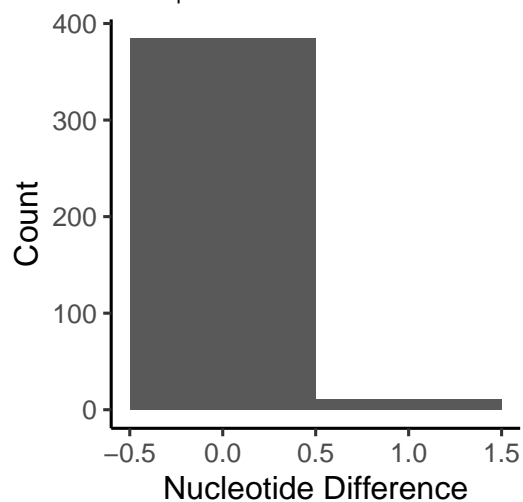
### TRBV12–1\*ap01

5 sequences assigned  
4 (80%) exact matches, in which:  
4 unique CDR3  
3 unique J



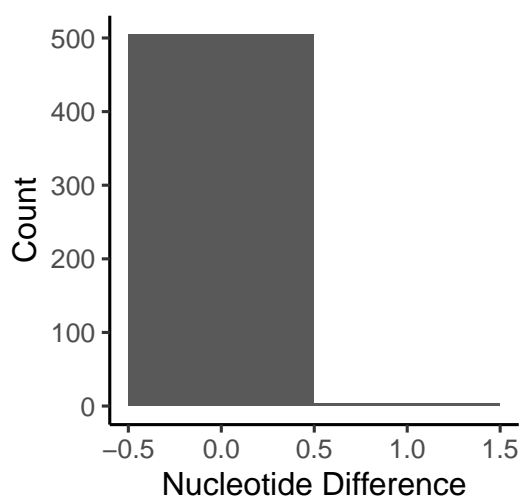
### TRBV12–34\*ap01

396 sequences assigned  
385 (97.2%) exact matches, in which:  
380 unique CDR3  
13 unique J



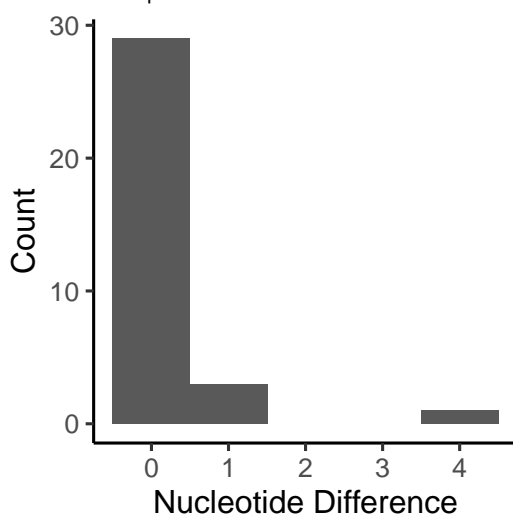
### TRBV11–2\*ap01

508 sequences assigned  
505 (99.4%) exact matches, in which:  
501 unique CDR3  
13 unique J



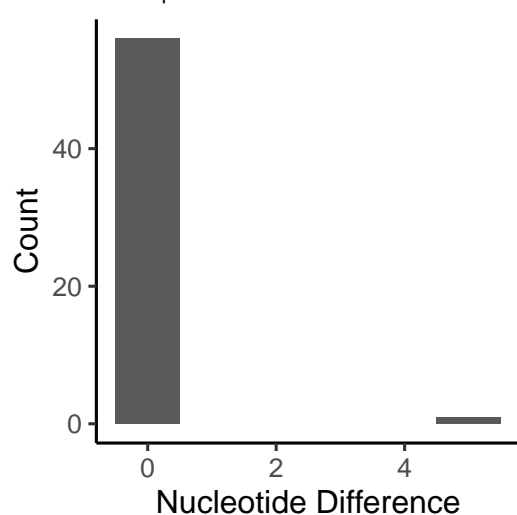
### TRBV12–2\*ap01

33 sequences assigned  
29 (87.9%) exact matches, in which:  
27 unique CDR3  
8 unique J



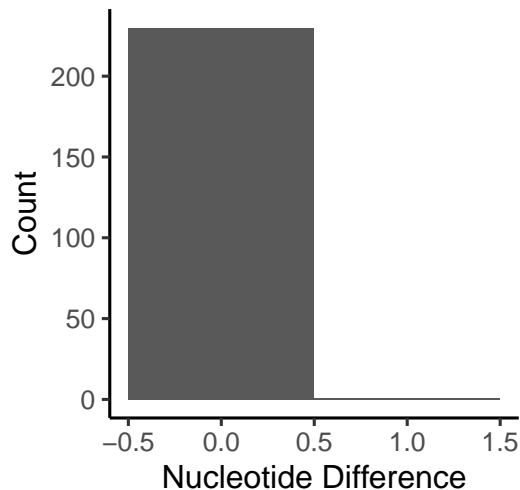
### TRBV23–1\*ap01

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



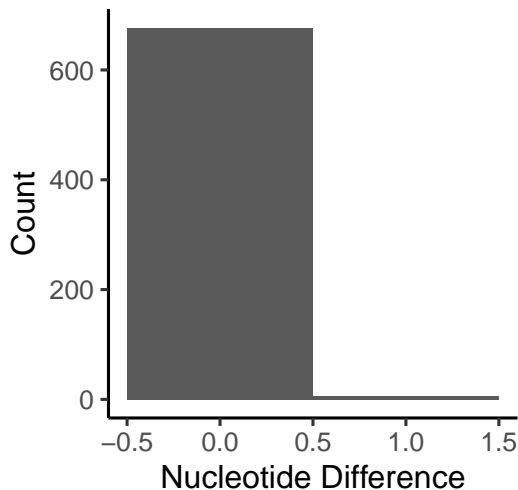
### TRBV3–12\*ap01

231 sequences assigned  
230 (99.6%) exact matches, in which:  
230 unique CDR3  
12 unique J



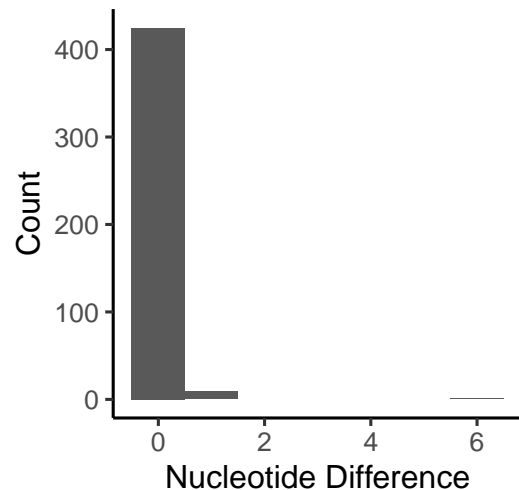
### TRBV4–2\*ap01

683 sequences assigned  
677 (99.1%) exact matches, in which:  
671 unique CDR3  
13 unique J



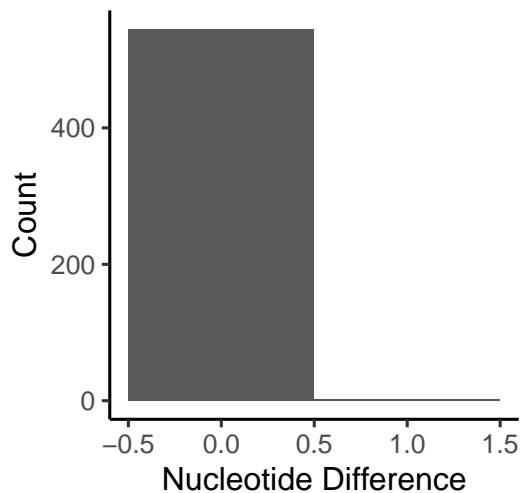
### TRBV25–1\*ap01

435 sequences assigned  
425 (97.7%) exact matches, in which:  
417 unique CDR3  
13 unique J



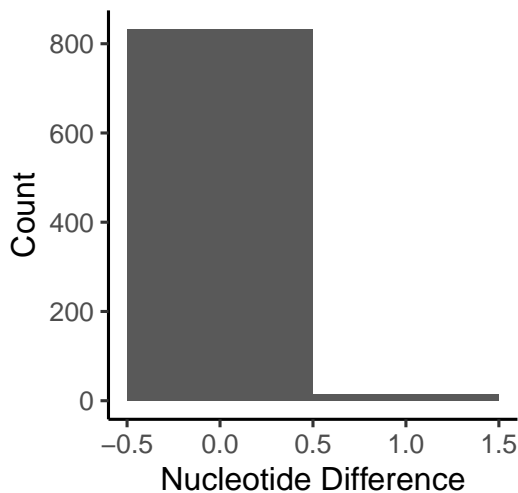
### TRBV24–1\*ap01

547 sequences assigned  
545 (99.6%) exact matches, in which:  
530 unique CDR3  
12 unique J



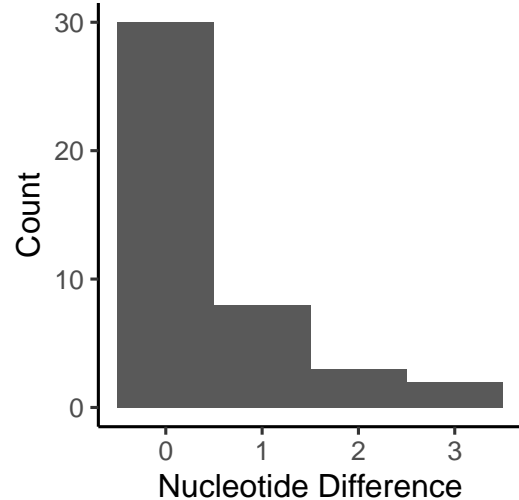
### TRBV4–3\*ap01

847 sequences assigned  
833 (98.3%) exact matches, in which:  
821 unique CDR3  
12 unique J



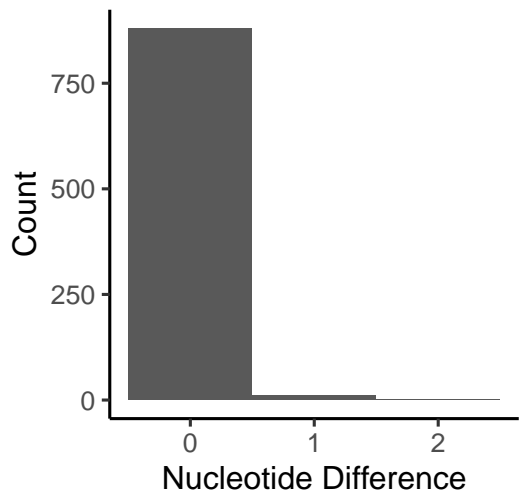
### TRBV5–3\*ap01

43 sequences assigned  
30 (69.8%) exact matches, in which:  
26 unique CDR3  
10 unique J



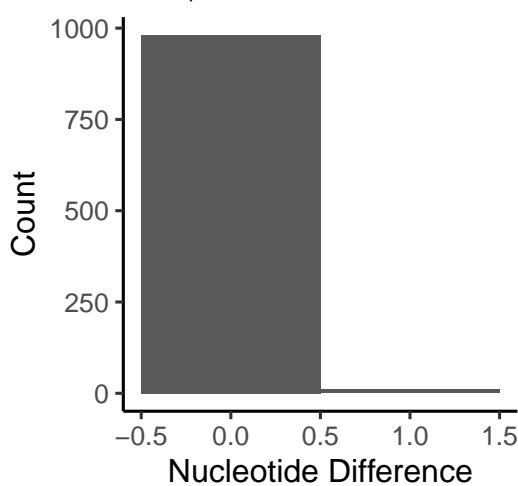
### TRBV4–1\*ap01

891 sequences assigned  
880 (98.8%) exact matches, in which:  
868 unique CDR3  
13 unique J



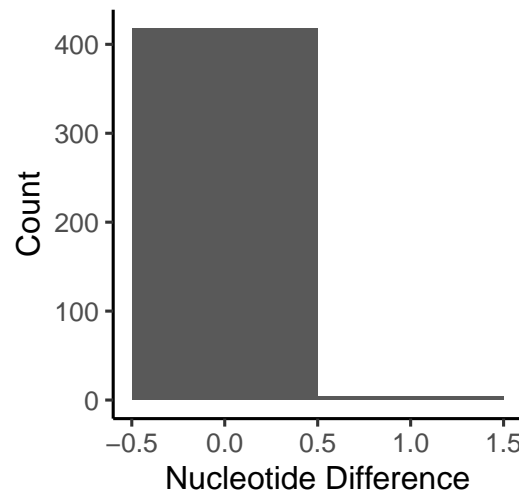
### TRBV5–1\*ap01

991 sequences assigned  
981 (99%) exact matches, in which:  
973 unique CDR3  
13 unique J



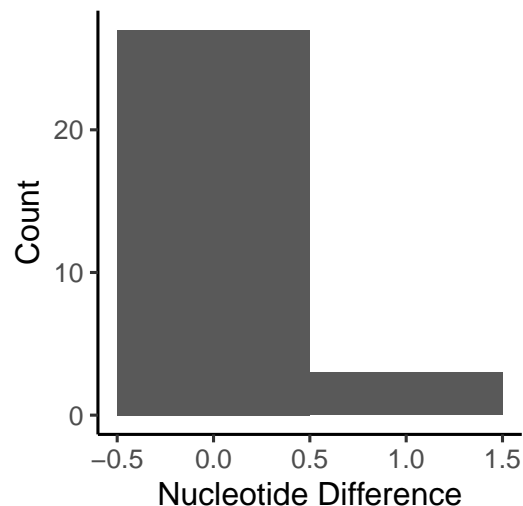
### TRBV5–4\*ap01

422 sequences assigned  
418 (99.1%) exact matches, in which:  
413 unique CDR3  
13 unique J



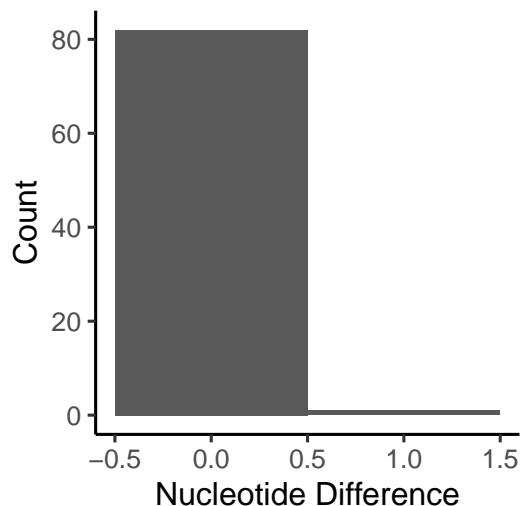
### TRBV5-5\*ap01

30 sequences assigned  
27 (90%) exact matches, in which:  
27 unique CDR3  
9 unique J



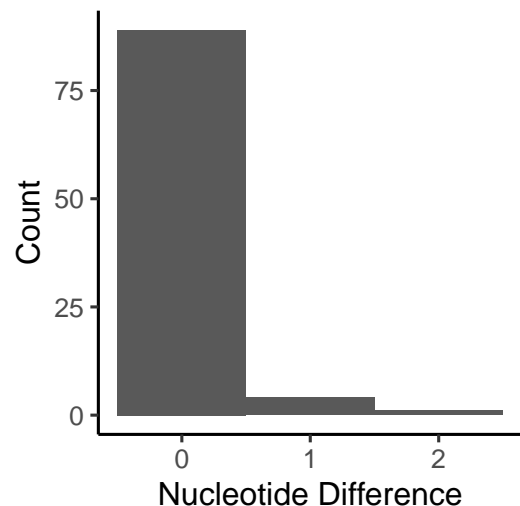
### TRBV5-8\*ap01

83 sequences assigned  
82 (98.8%) exact matches, in which:  
82 unique CDR3  
11 unique J



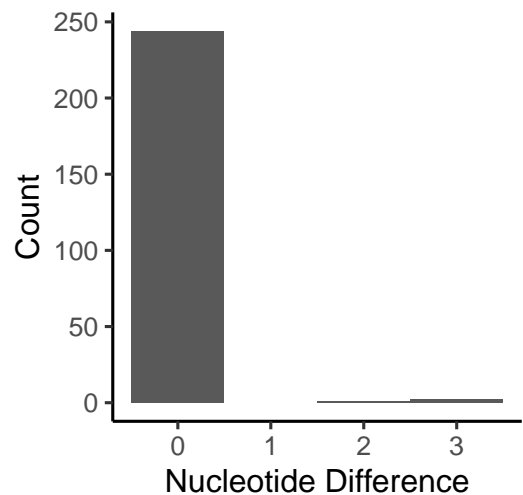
### TRBV6-7\*ap01

94 sequences assigned  
89 (94.7%) exact matches, in which:  
87 unique CDR3  
12 unique J



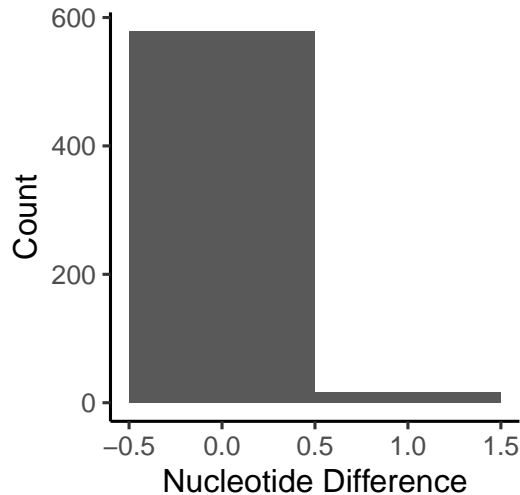
### TRBV5-6\*ap01

247 sequences assigned  
244 (98.8%) exact matches, in which:  
242 unique CDR3  
12 unique J



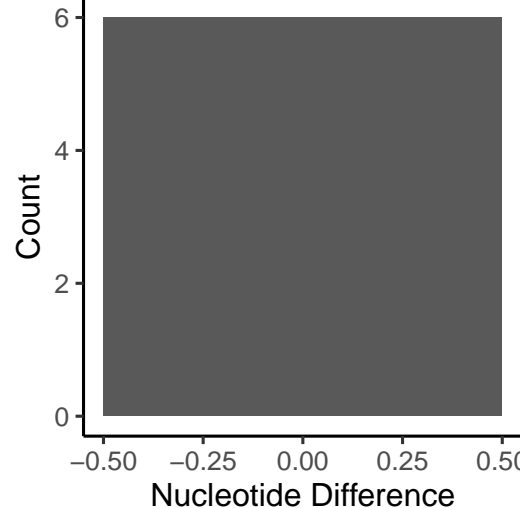
### TRBV6-1\*ap01

595 sequences assigned  
579 (97.3%) exact matches, in which:  
575 unique CDR3  
12 unique J



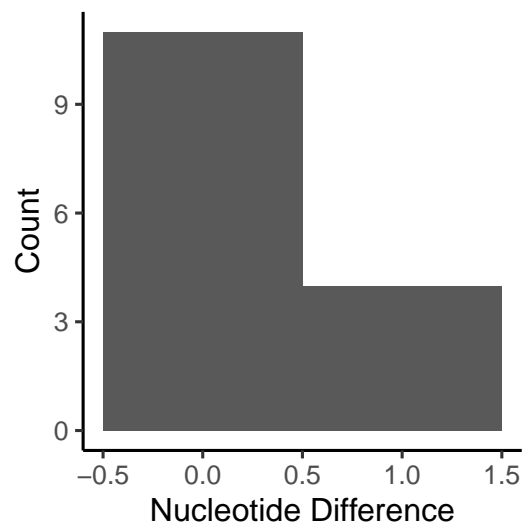
### TRBV6-8\*ap01

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



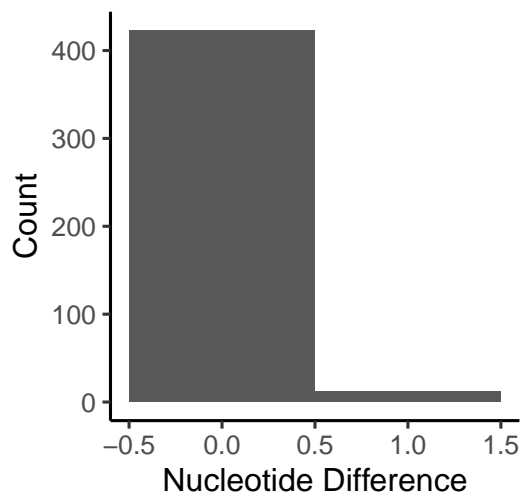
### TRBV5-7\*ap01

15 sequences assigned  
11 (73.3%) exact matches, in which:  
10 unique CDR3  
5 unique J



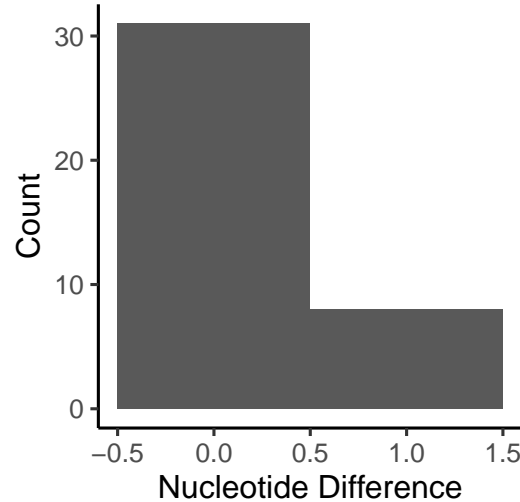
### TRBV6-4\*ap01

435 sequences assigned  
423 (97.2%) exact matches, in which:  
414 unique CDR3  
13 unique J



### TRBV6-9\*ap01

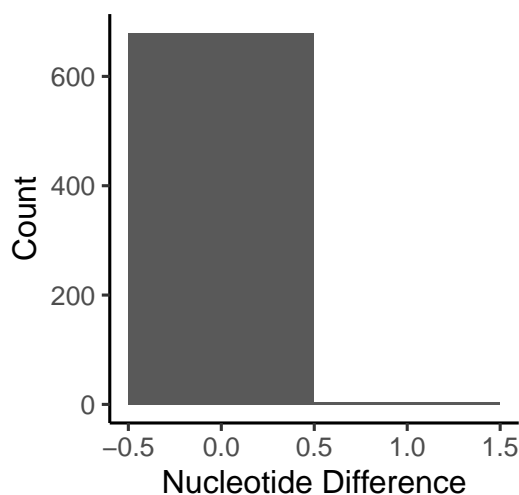
39 sequences assigned  
31 (79.5%) exact matches, in which:  
31 unique CDR3  
10 unique J





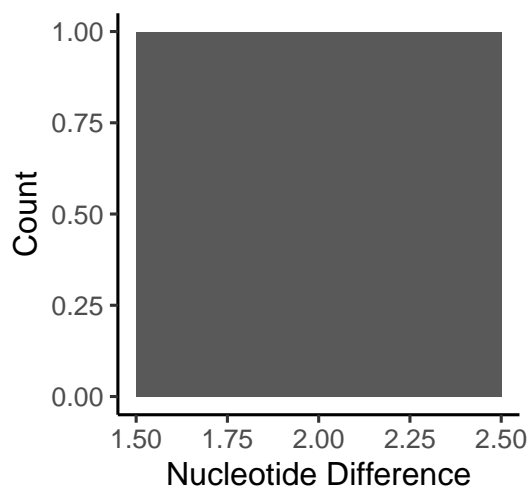
### TRBV6–23\*ap01

685 sequences assigned  
680 (99.3%) exact matches, in which:  
678 unique CDR3  
12 unique J



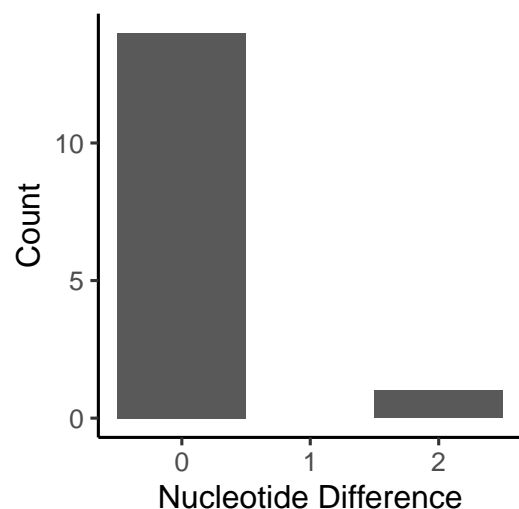
### TRBV7–1\*ap01

1 sequences assigned  
No exact matches.



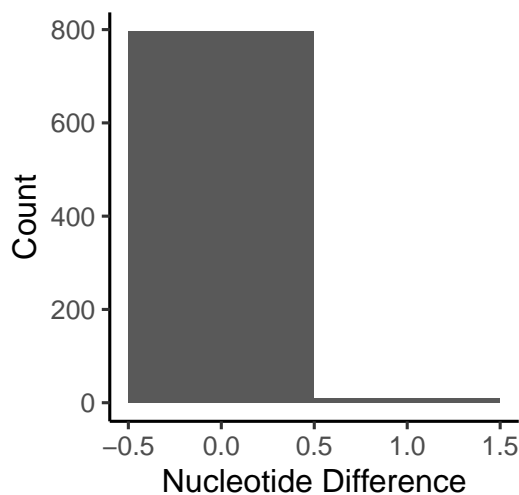
### TRBV7–4\*ap01

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



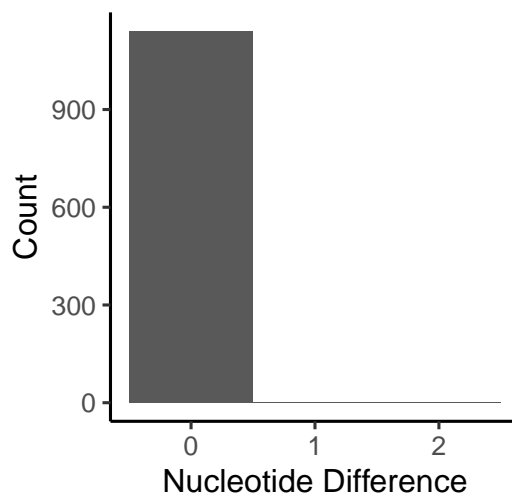
### TRBV6–56\*ap01

806 sequences assigned  
797 (98.9%) exact matches, in which:  
793 unique CDR3  
13 unique J



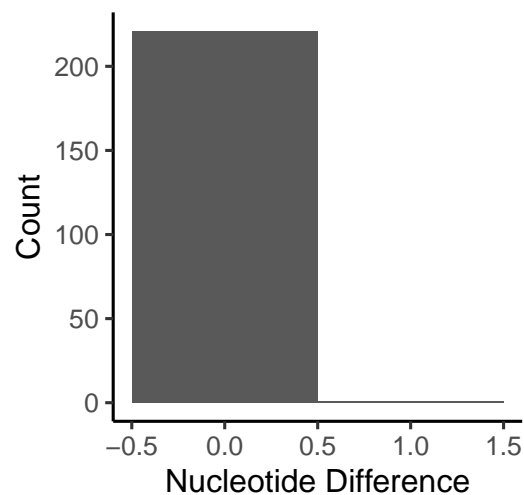
### TRBV7–2\*ap01

1144 sequences assigned  
1141 (99.7%) exact matches, in which:  
1133 unique CDR3  
13 unique J



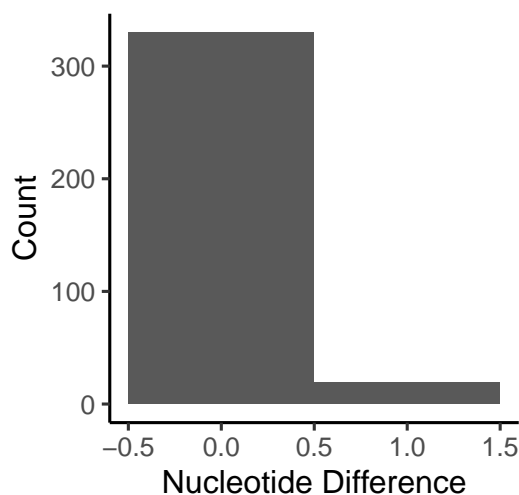
### TRBV7–6\*ap01

222 sequences assigned  
221 (99.5%) exact matches, in which:  
220 unique CDR3  
12 unique J



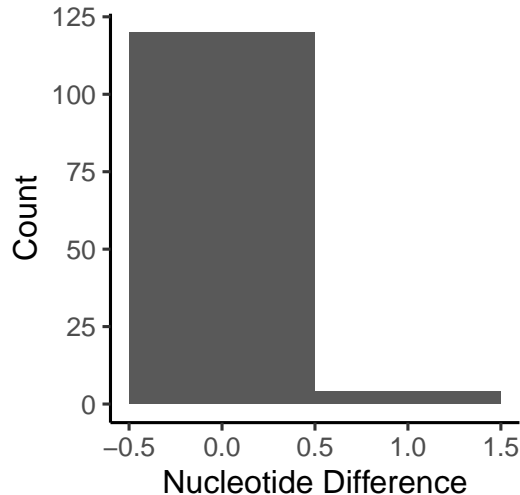
### TRBV6–56\*ap02

349 sequences assigned  
330 (94.6%) exact matches, in which:  
330 unique CDR3  
13 unique J



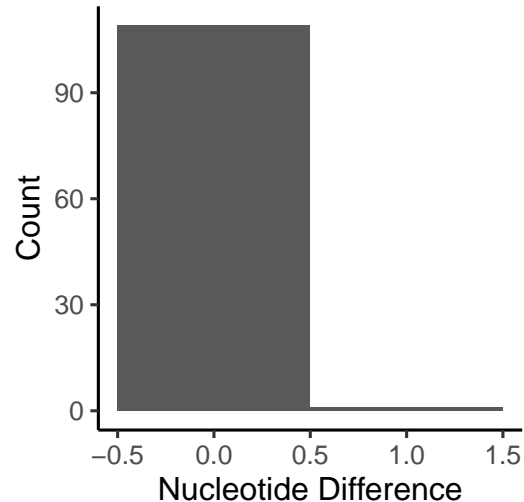
### TRBV7–3\*ap01

124 sequences assigned  
120 (96.8%) exact matches, in which:  
118 unique CDR3  
11 unique J



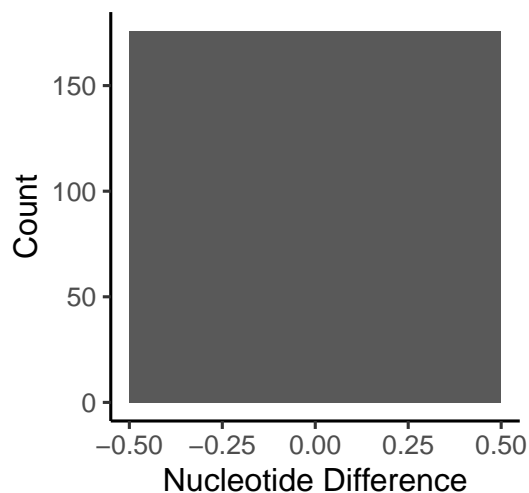
### TRBV7–7\*ap01\_C315T

110 sequences assigned  
109 (99.1%) exact matches, in which:  
106 unique CDR3  
10 unique J



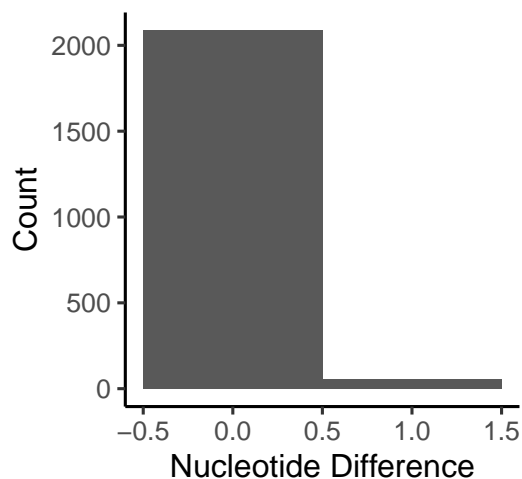
### TRBV7-8\*ap01

176 sequences assigned  
176 (100%) exact matches, in which:  
176 unique CDR3  
12 unique J



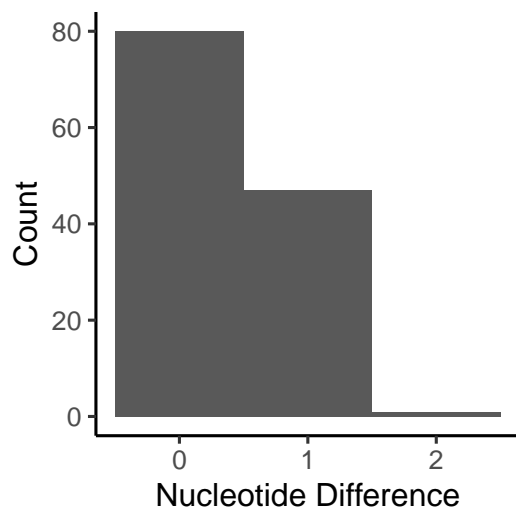
### TRBV29-1\*ap01

2141 sequences assigned  
2087 (97.5%) exact matches, in which:  
2021 unique CDR3  
12 unique J



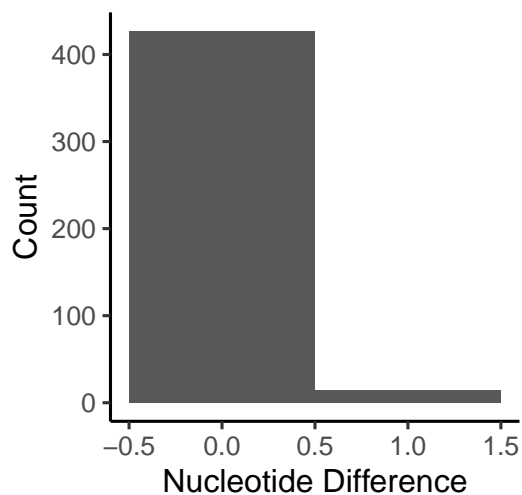
### TRBV7-8\*ap03

128 sequences assigned  
80 (62.5%) exact matches, in which:  
79 unique CDR3  
11 unique J



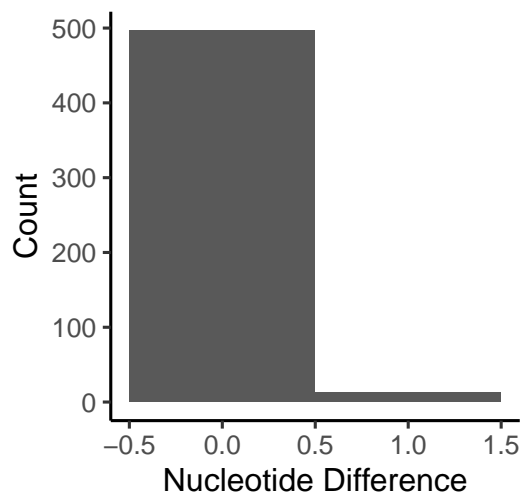
### TRBV29-1\*ap02

441 sequences assigned  
427 (96.8%) exact matches, in which:  
421 unique CDR3  
12 unique J

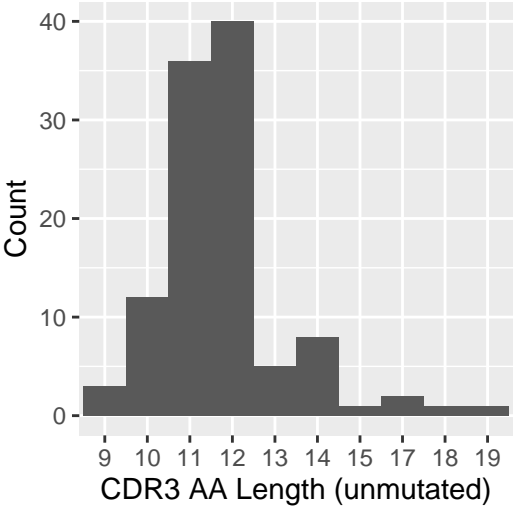


### TRBV7-9\*ap01

510 sequences assigned  
497 (97.5%) exact matches, in which:  
497 unique CDR3  
11 unique J



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.