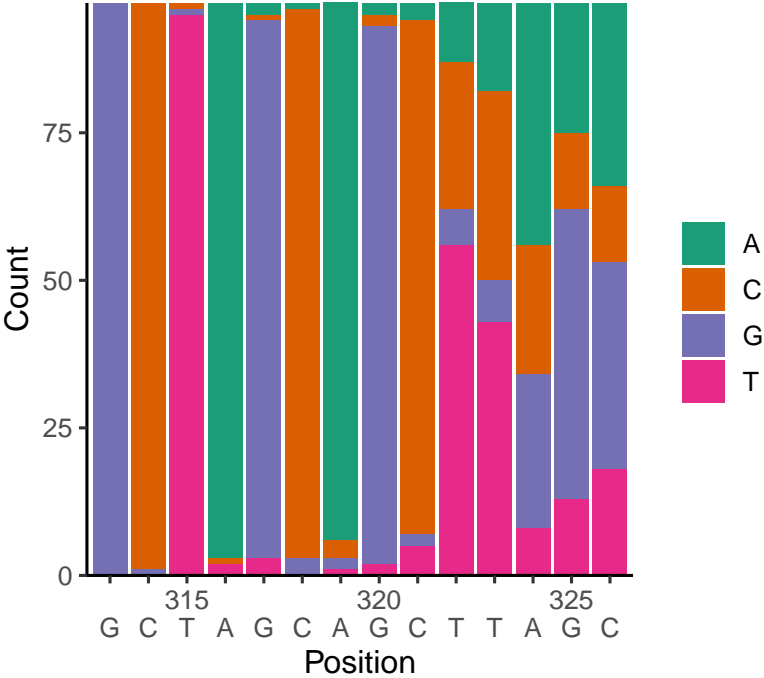


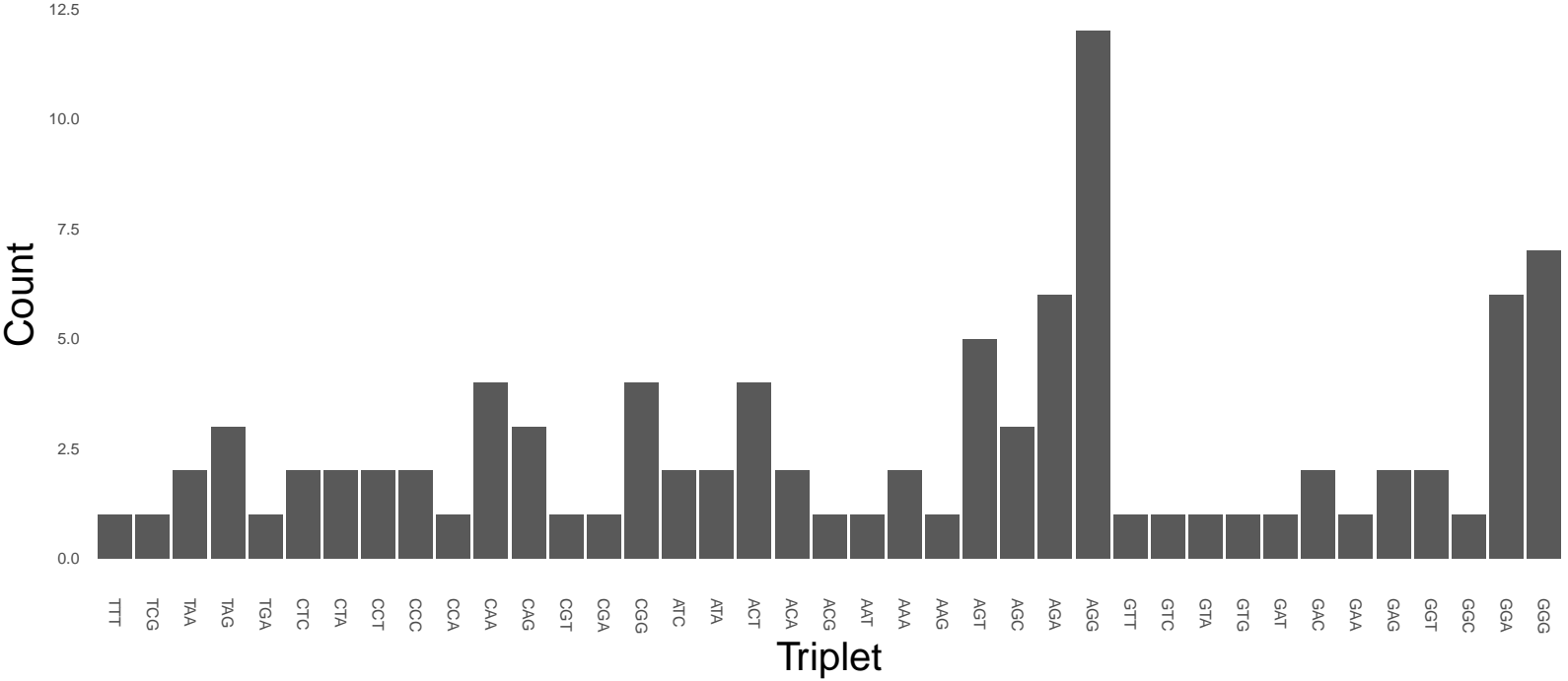
Gene TRBV7-7\*ap01\_C315T



Gene TRBV7-7\*ap01\_C315T

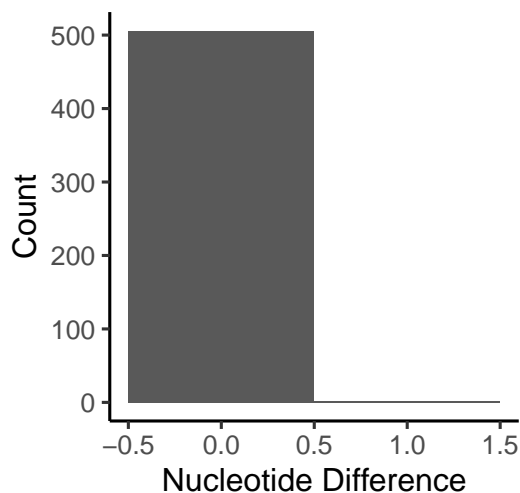


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



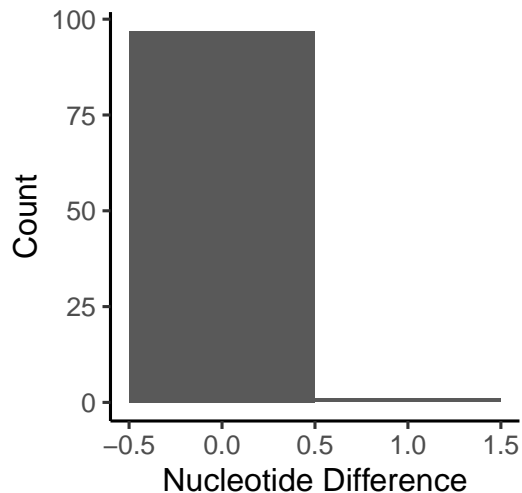
### TRBV20–1\*ap01

508 sequences assigned  
506 (99.6%) exact matches, in which:  
499 unique CDR3  
13 unique J



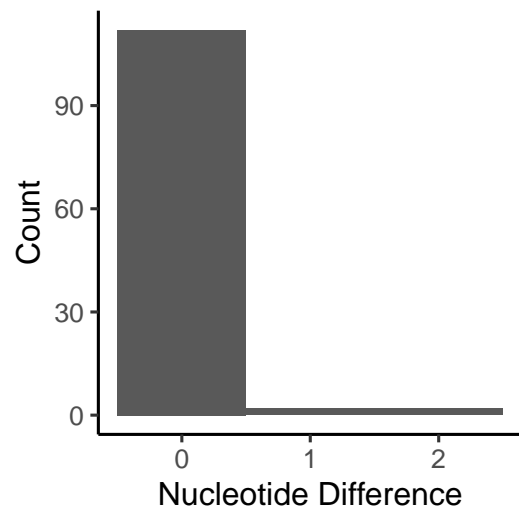
### TRBV10–2\*ap01

98 sequences assigned  
97 (99%) exact matches, in which:  
95 unique CDR3  
13 unique J



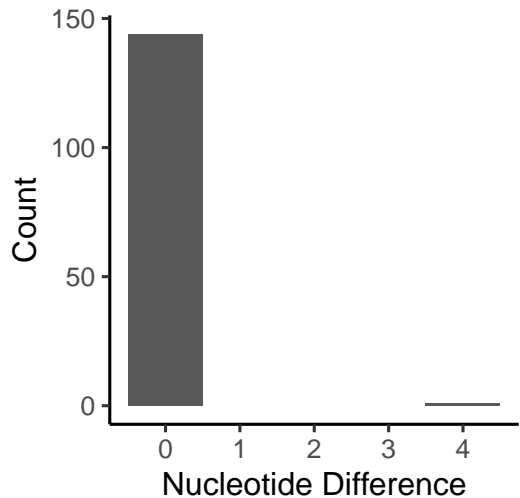
### TRBV13\*ap01

116 sequences assigned  
112 (96.6%) exact matches, in which:  
112 unique CDR3  
12 unique J



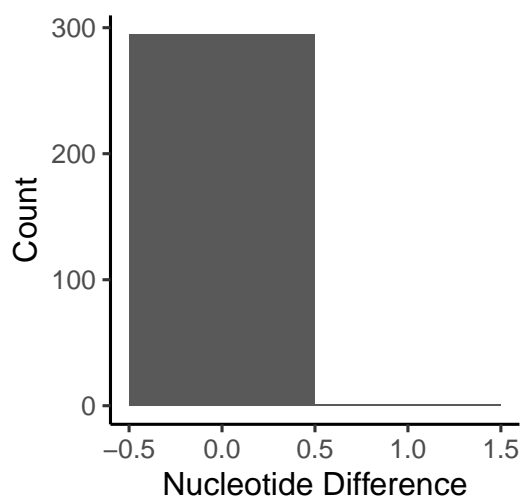
### TRBV10–1\*ap01

145 sequences assigned  
144 (99.3%) exact matches, in which:  
143 unique CDR3  
13 unique J



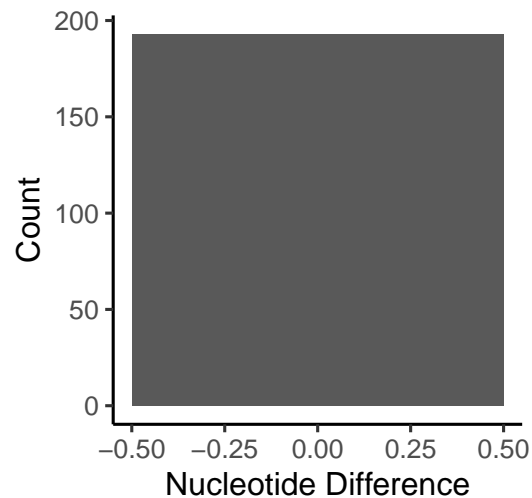
### TRBV10–3\*ap01

296 sequences assigned  
295 (99.7%) exact matches, in which:  
294 unique CDR3  
13 unique J



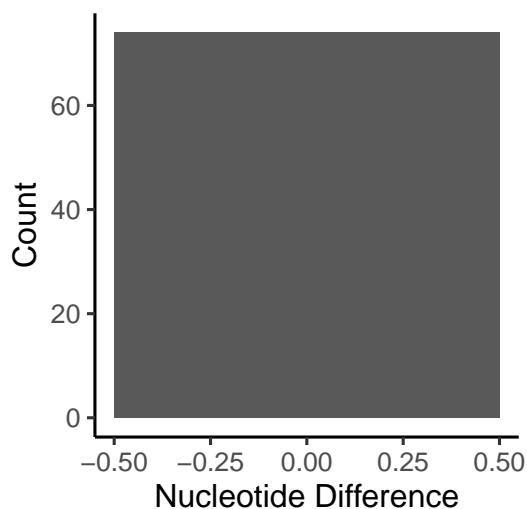
### TRBV14\*ap01

193 sequences assigned  
193 (100%) exact matches, in which:  
192 unique CDR3  
12 unique J



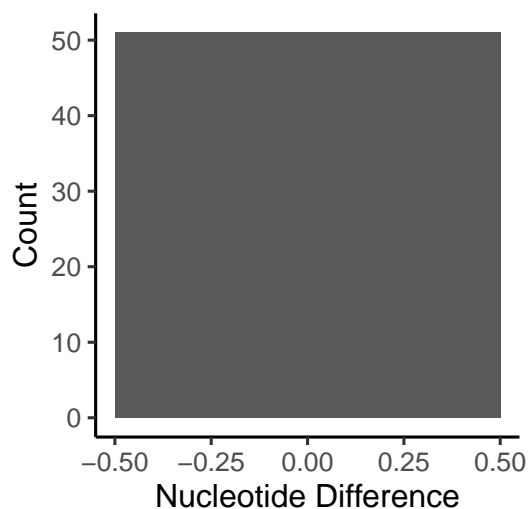
### TRBV20–1\*ap02

74 sequences assigned  
74 (100%) exact matches, in which:  
74 unique CDR3  
13 unique J



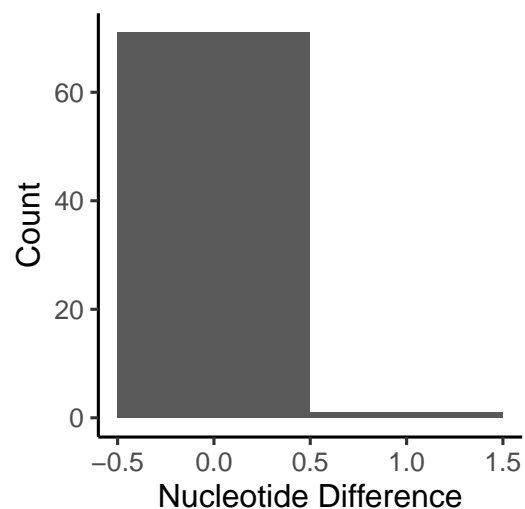
### TRBV1\*ap01

51 sequences assigned  
51 (100%) exact matches, in which:  
50 unique CDR3  
9 unique J



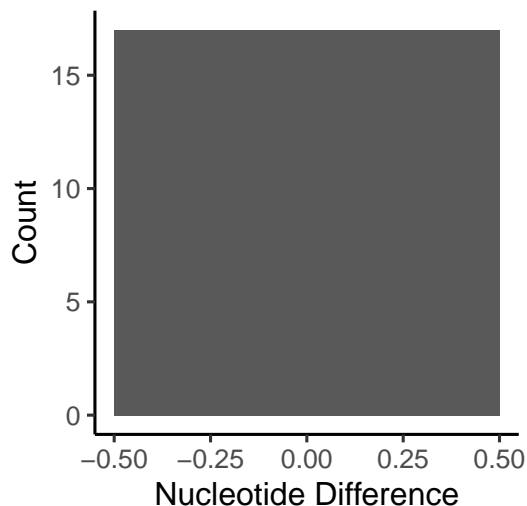
### TRBV15\*ap02

72 sequences assigned  
71 (98.6%) exact matches, in which:  
71 unique CDR3  
13 unique J



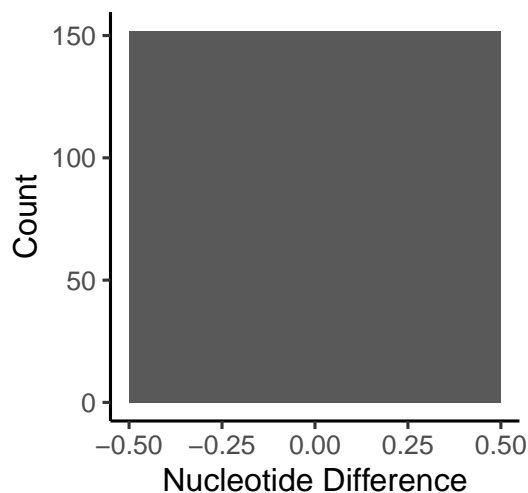
### TRBV16\*ap01

17 sequences assigned  
17 (100%) exact matches, in which:  
17 unique CDR3  
7 unique J



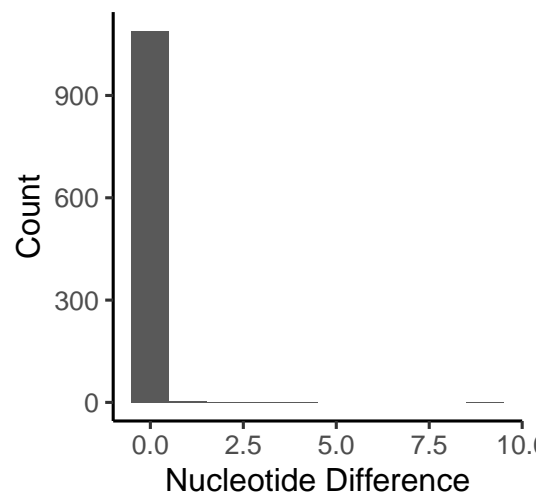
### TRBV2\*ap01

152 sequences assigned  
152 (100%) exact matches, in which:  
152 unique CDR3  
13 unique J



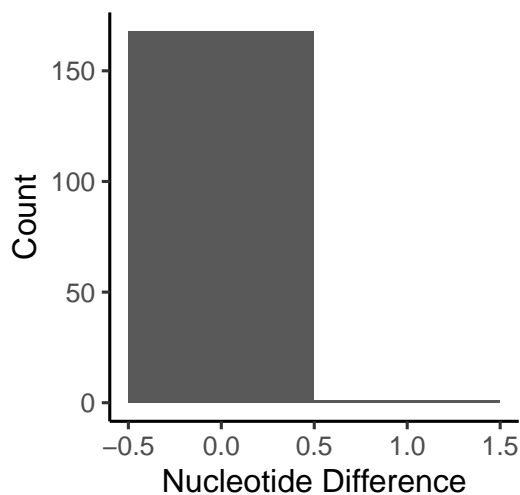
### TRBV30\*ap01

1100 sequences assigned  
1090 (99.1%) exact matches, in which:  
1076 unique CDR3  
13 unique J



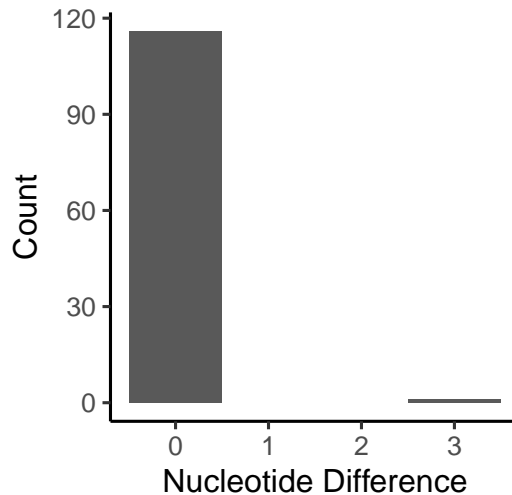
### TRBV18\*ap01

169 sequences assigned  
168 (99.4%) exact matches, in which:  
168 unique CDR3  
13 unique J



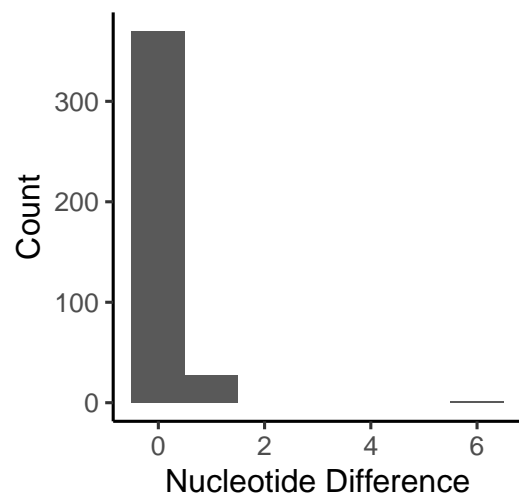
### TRBV27\*ap01

117 sequences assigned  
116 (99.1%) exact matches, in which:  
116 unique CDR3  
10 unique J



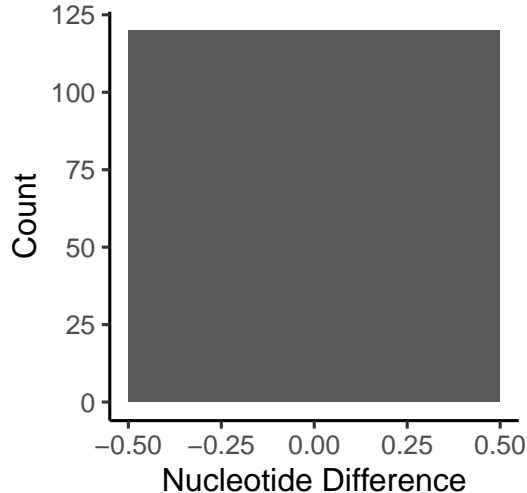
### TRBV9\*ap01

398 sequences assigned  
370 (93%) exact matches, in which:  
368 unique CDR3  
13 unique J



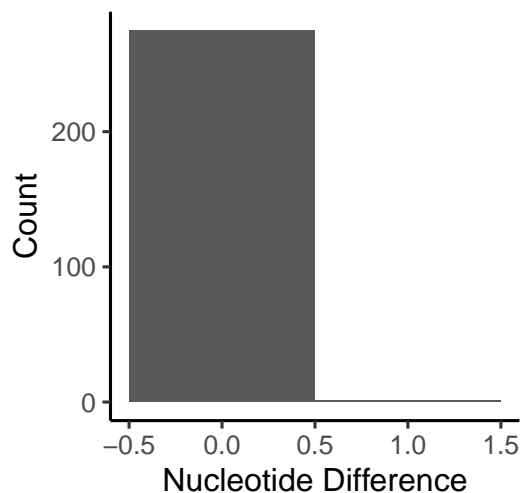
### TRBV19\*ap01

120 sequences assigned  
120 (100%) exact matches, in which:  
119 unique CDR3  
11 unique J



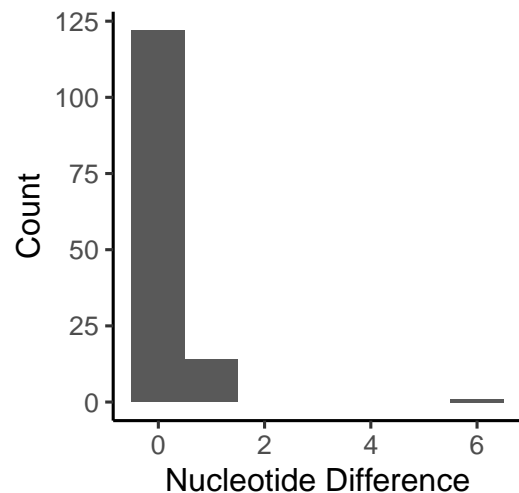
### TRBV28\*ap01

276 sequences assigned  
275 (99.6%) exact matches, in which:  
272 unique CDR3  
13 unique J



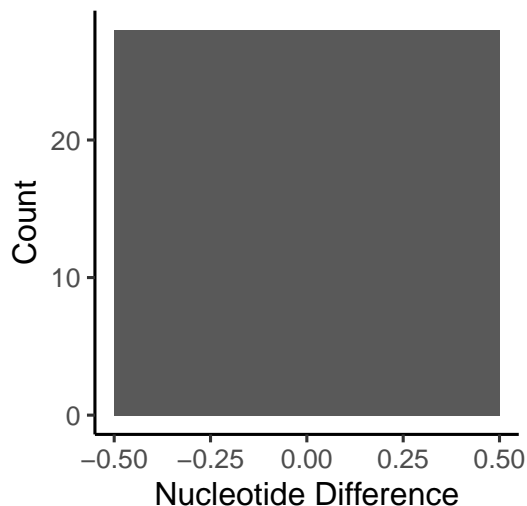
### TRBV21-1\*ap01

137 sequences assigned  
122 (89.1%) exact matches, in which:  
120 unique CDR3  
13 unique J



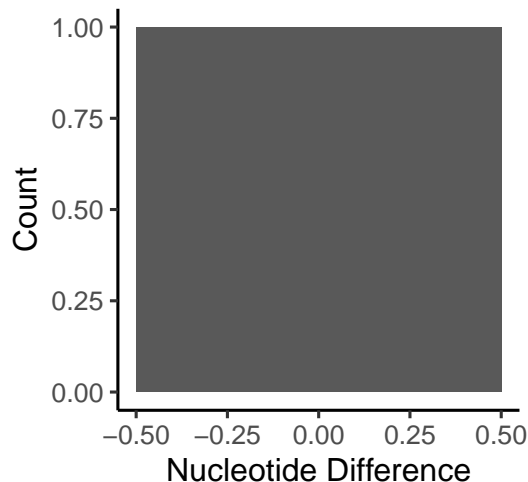
### TRBV11-1\*ap01

28 sequences assigned  
28 (100%) exact matches, in which:  
28 unique CDR3  
10 unique J



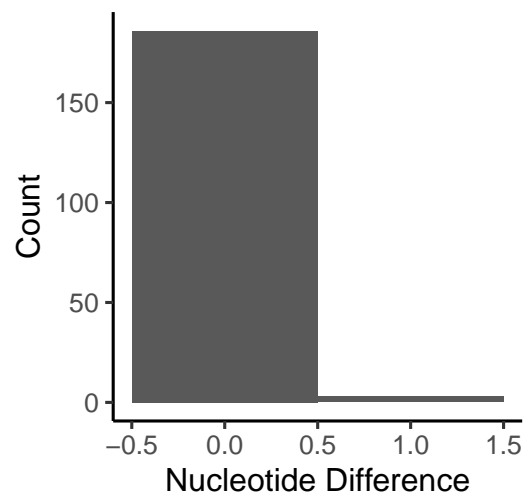
### TRBV12-1\*ap01

1 sequences assigned  
1 (100%) exact matches, in which:  
1 unique CDR3  
1 unique J



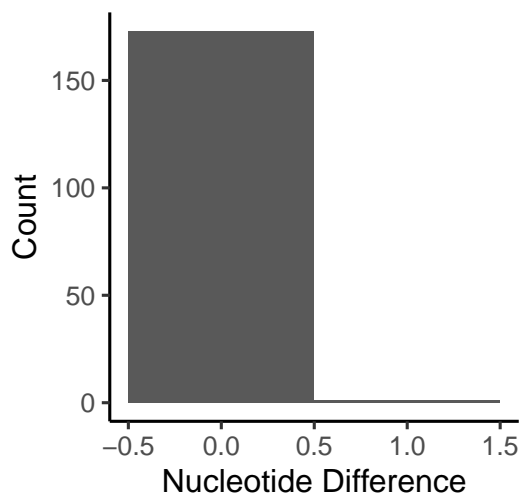
### TRBV12-34\*ap01

189 sequences assigned  
186 (98.4%) exact matches, in which:  
184 unique CDR3  
13 unique J



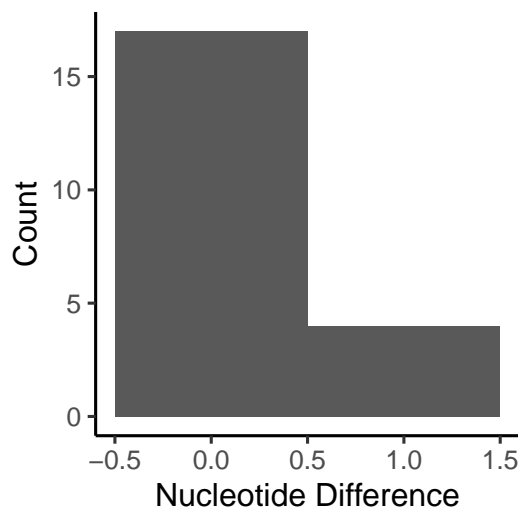
### TRBV11-2\*ap01

174 sequences assigned  
173 (99.4%) exact matches, in which:  
172 unique CDR3  
13 unique J



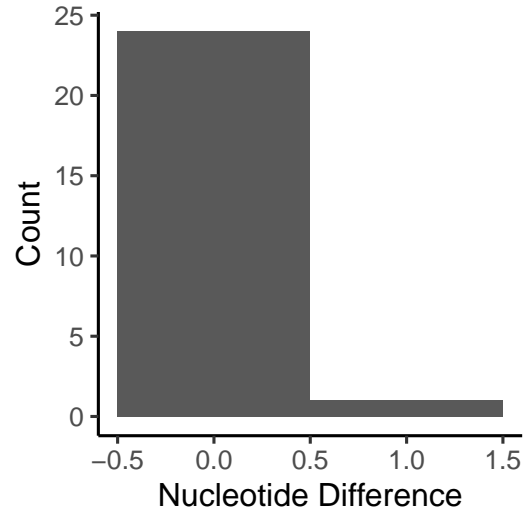
### TRBV12-2\*ap01

21 sequences assigned  
17 (81%) exact matches, in which:  
17 unique CDR3  
9 unique J



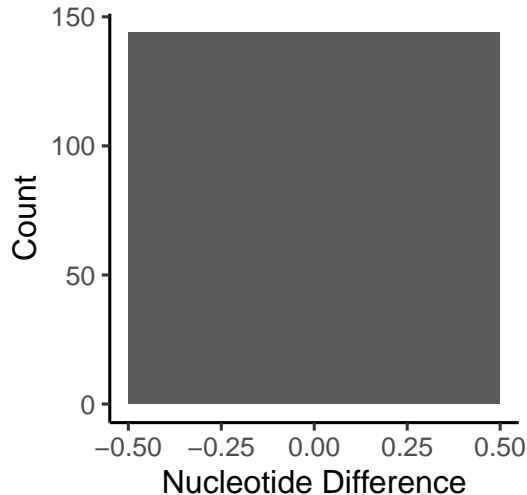
### TRBV23-1\*ap01

25 sequences assigned  
24 (96%) exact matches, in which:  
24 unique CDR3  
10 unique J



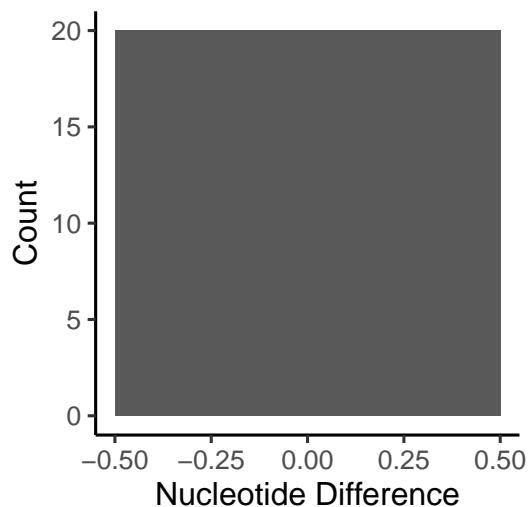
### TRBV11-3\*ap01

144 sequences assigned  
144 (100%) exact matches, in which:  
141 unique CDR3  
13 unique J



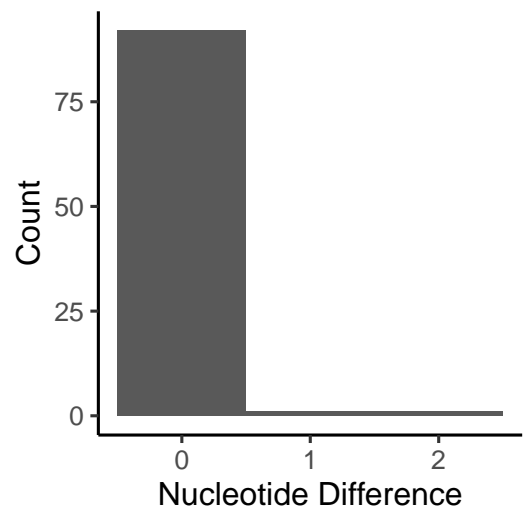
### TRBV12-5\*ap01

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



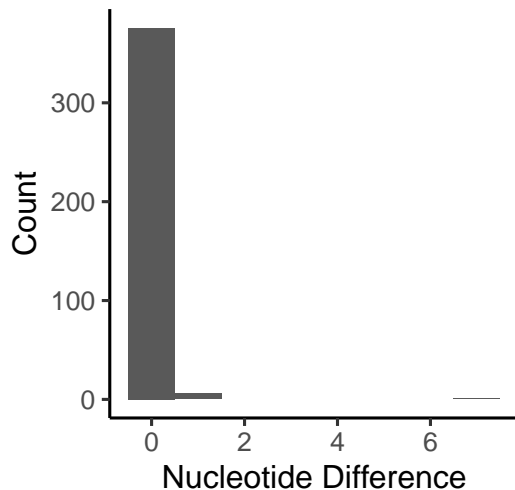
### TRBV3-12\*ap01

94 sequences assigned  
92 (97.9%) exact matches, in which:  
91 unique CDR3  
13 unique J



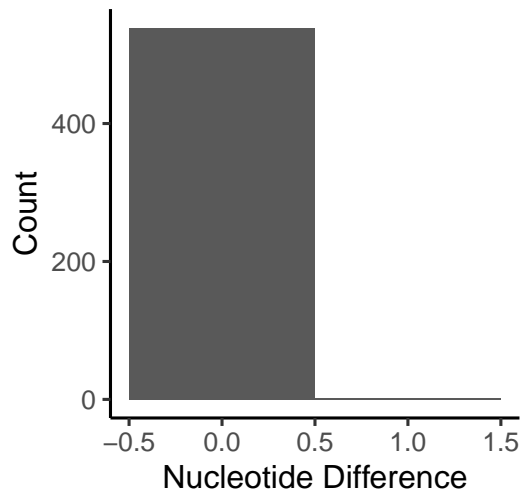
### TRBV24–1\*ap01

383 sequences assigned  
376 (98.2%) exact matches, in which:  
373 unique CDR3  
13 unique J



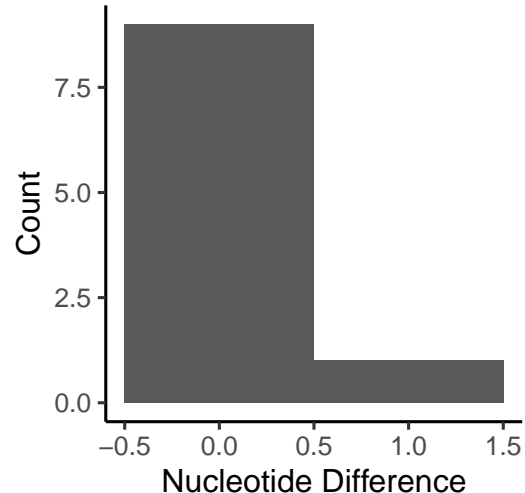
### TRBV4–3\*ap01

541 sequences assigned  
539 (99.6%) exact matches, in which:  
535 unique CDR3  
13 unique J



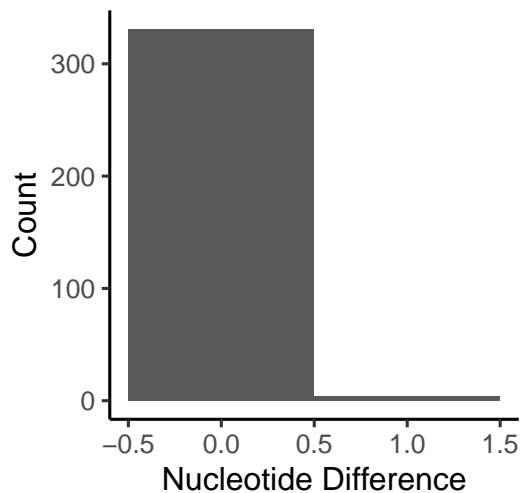
### TRBV5–3\*ap01

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



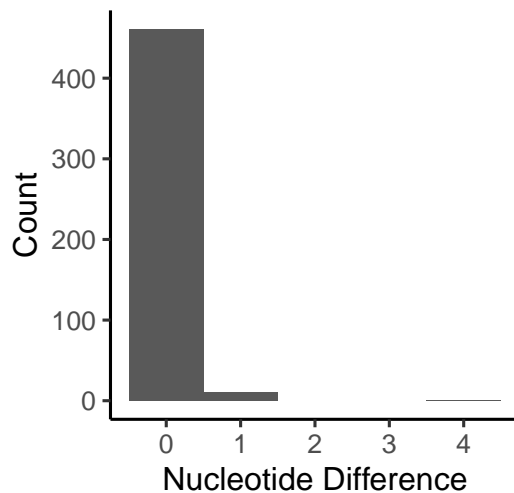
### TRBV4–1\*ap01

335 sequences assigned  
331 (98.8%) exact matches, in which:  
329 unique CDR3  
13 unique J



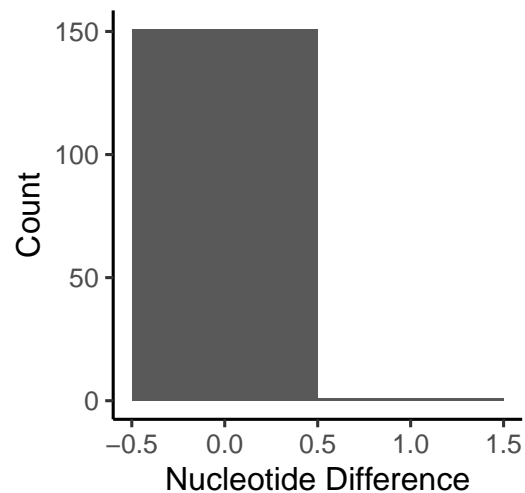
### TRBV25–1\*ap01

473 sequences assigned  
461 (97.5%) exact matches, in which:  
460 unique CDR3  
13 unique J



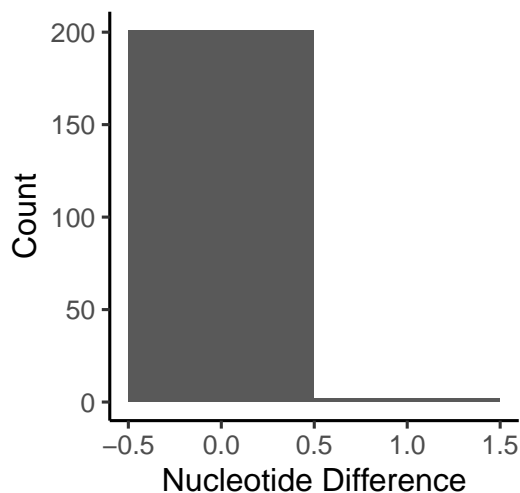
### TRBV5–4\*ap01

152 sequences assigned  
151 (99.3%) exact matches, in which:  
150 unique CDR3  
12 unique J



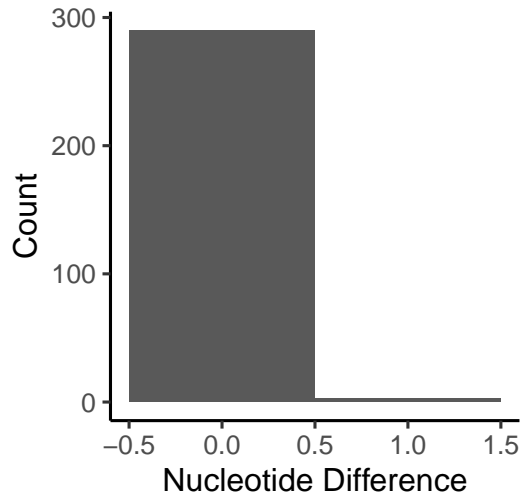
### TRBV4–2\*ap01

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



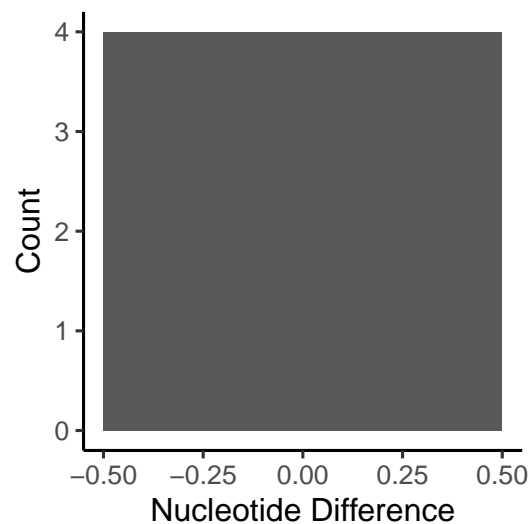
### TRBV5–1\*ap01

293 sequences assigned  
290 (99%) exact matches, in which:  
288 unique CDR3  
13 unique J



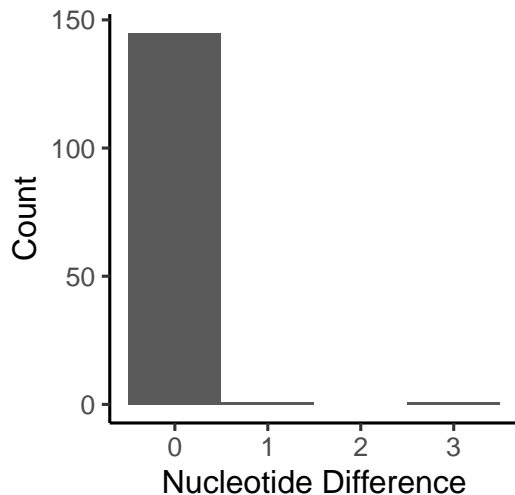
### TRBV5–5\*ap01

4 sequences assigned  
4 (100%) exact matches, in which:  
4 unique CDR3  
3 unique J



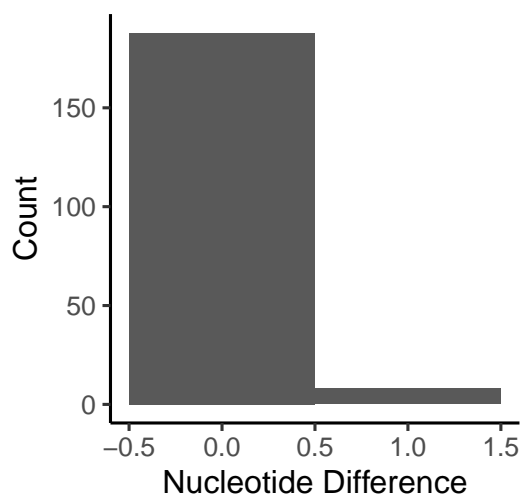
### TRBV5–6\*ap01

147 sequences assigned  
145 (98.6%) exact matches, in which:  
142 unique CDR3  
13 unique J



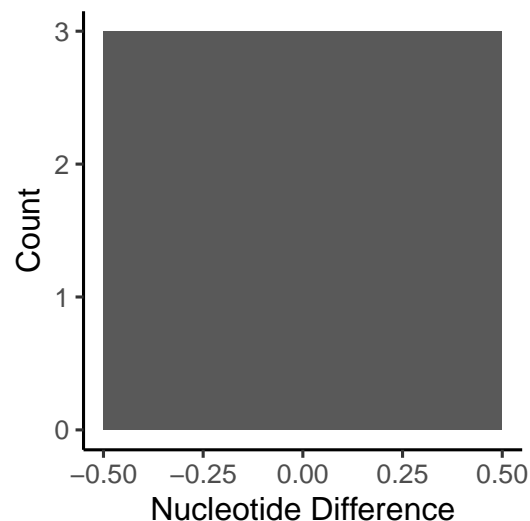
### TRBV6–1\*ap01

196 sequences assigned  
188 (95.9%) exact matches, in which:  
186 unique CDR3  
12 unique J



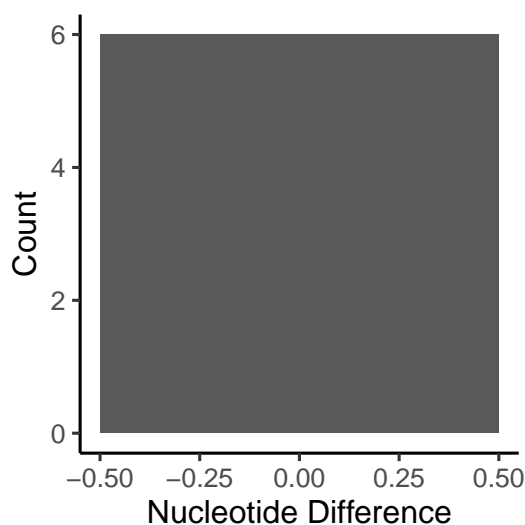
### TRBV6–8\*ap01

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



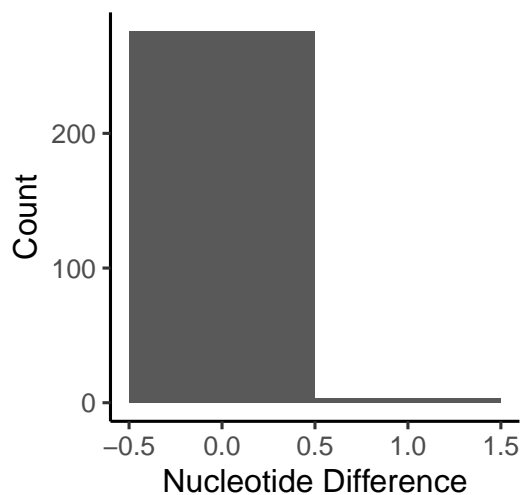
### TRBV5–7\*ap01

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



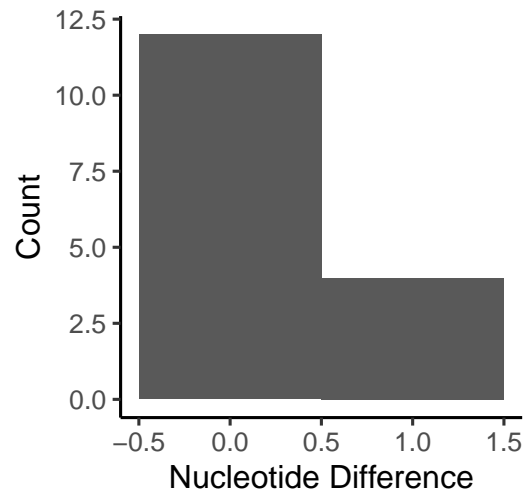
### TRBV6–4\*ap01

279 sequences assigned  
276 (98.9%) exact matches, in which:  
273 unique CDR3  
13 unique J



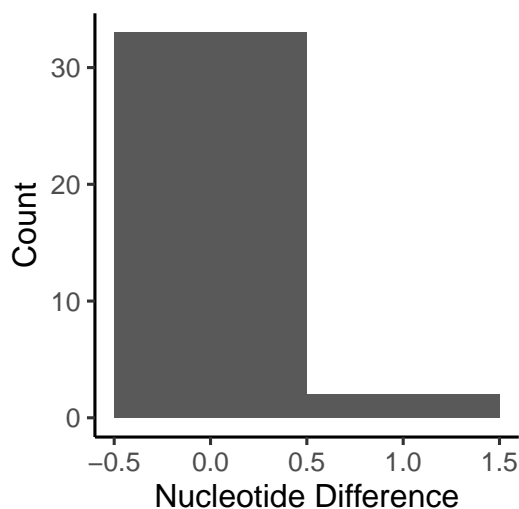
### TRBV6–9\*ap01

16 sequences assigned  
12 (75%) exact matches, in which:  
12 unique CDR3  
6 unique J



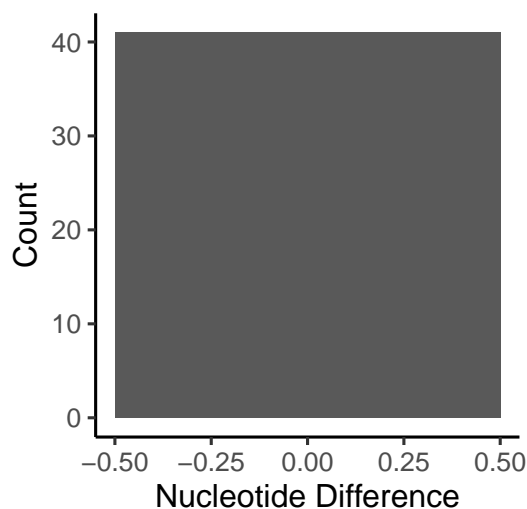
### TRBV5–8\*ap01

35 sequences assigned  
33 (94.3%) exact matches, in which:  
33 unique CDR3  
10 unique J



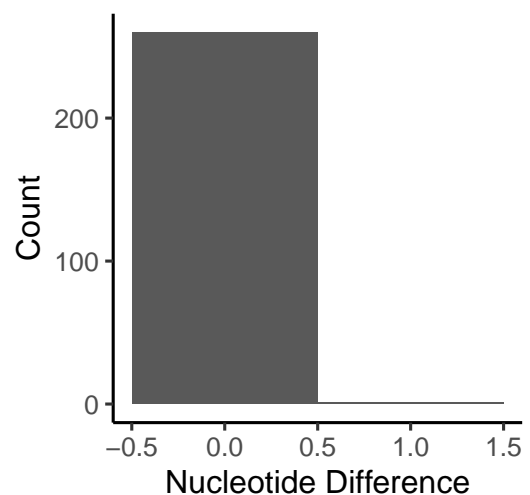
### TRBV6–7\*ap01

41 sequences assigned  
41 (100%) exact matches, in which:  
40 unique CDR3  
10 unique J



### TRBV6–23\*ap01

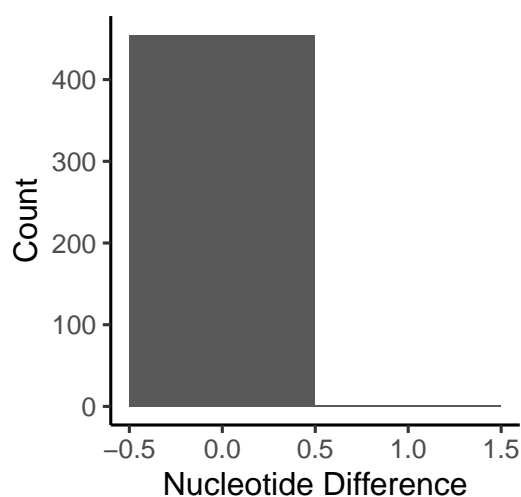
261 sequences assigned  
260 (99.6%) exact matches, in which:  
256 unique CDR3  
13 unique J





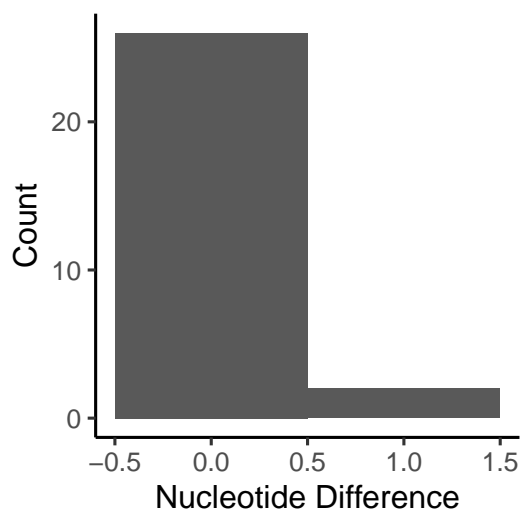
### TRBV6-56\*ap01

457 sequences assigned  
455 (99.6%) exact matches, in which:  
452 unique CDR3  
12 unique J



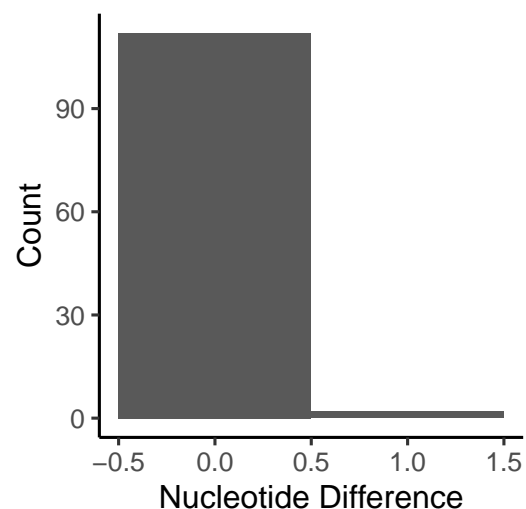
### TRBV7-3\*ap01

28 sequences assigned  
26 (92.9%) exact matches, in which:  
26 unique CDR3  
10 unique J



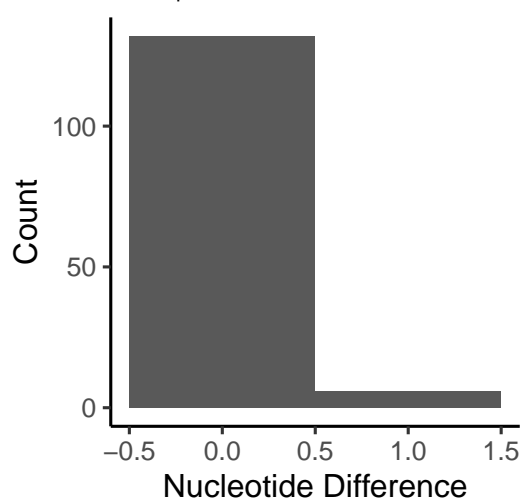
### TRBV7-6\*ap01

114 sequences assigned  
112 (98.2%) exact matches, in which:  
110 unique CDR3  
11 unique J



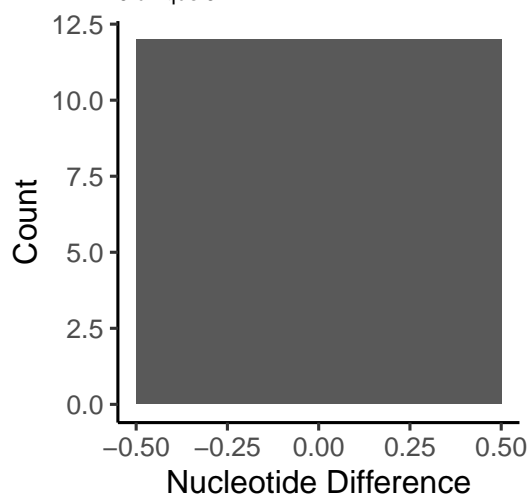
### TRBV6-56\*ap02

138 sequences assigned  
132 (95.7%) exact matches, in which:  
132 unique CDR3  
13 unique J



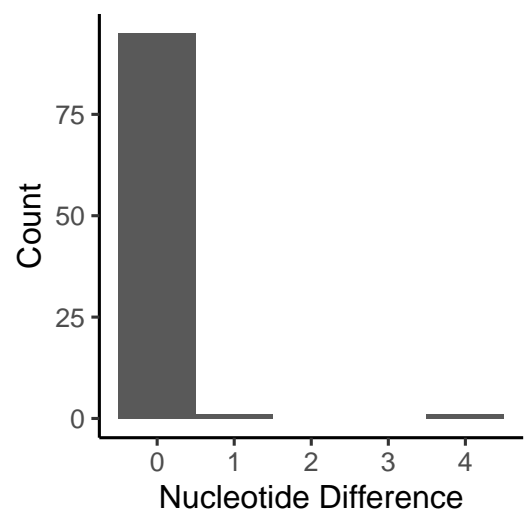
### TRBV7-3\*ap02

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



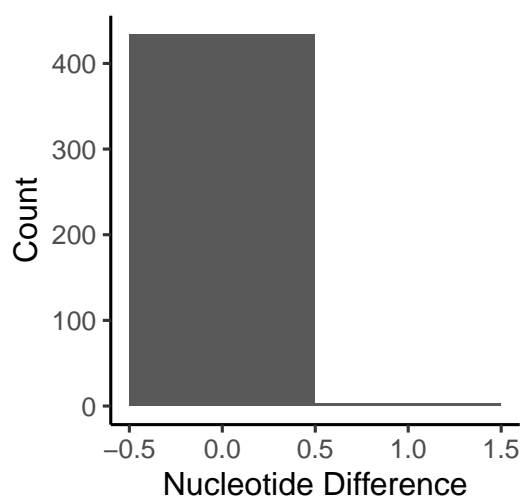
### TRBV7-7\*ap01\_C315T

97 sequences assigned  
95 (97.9%) exact matches, in which:  
95 unique CDR3  
12 unique J



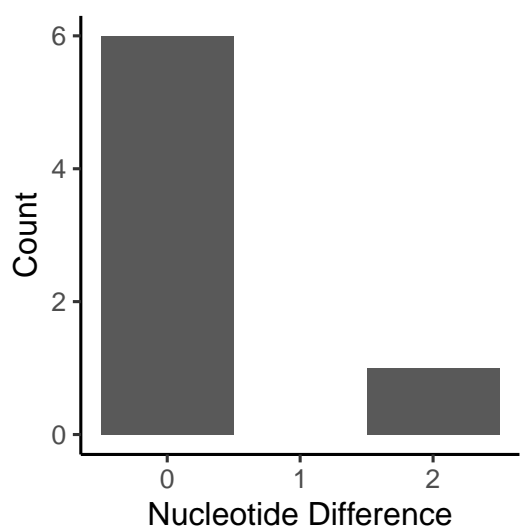
### TRBV7-2\*ap01

437 sequences assigned  
434 (99.3%) exact matches, in which:  
432 unique CDR3  
13 unique J



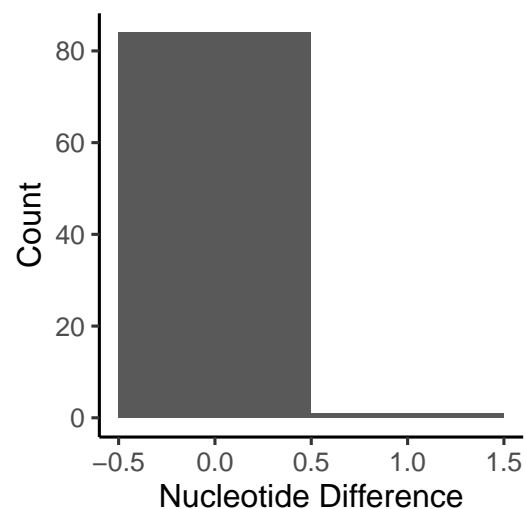
### TRBV7-4\*ap01

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



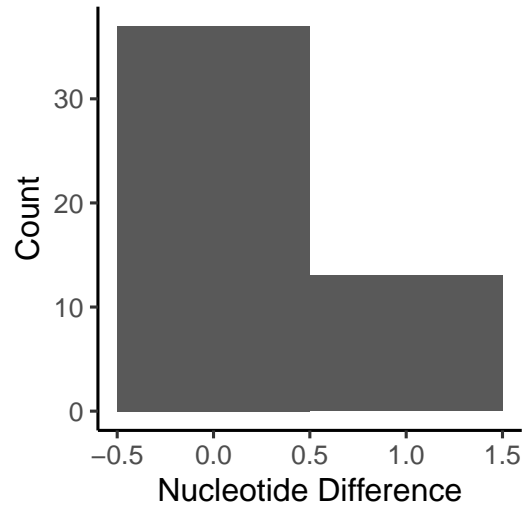
### TRBV7-8\*ap01

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



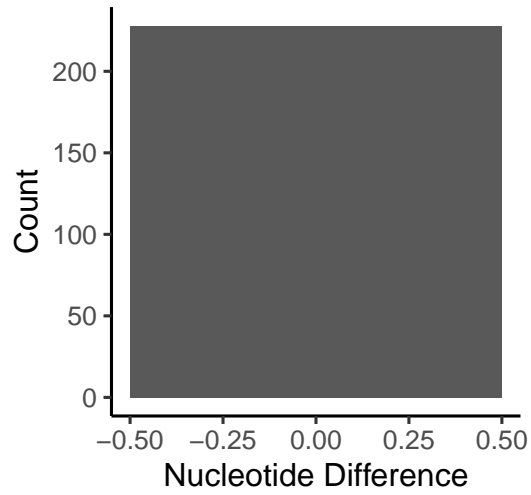
### TRBV7-8\*ap03

50 sequences assigned  
37 (74%) exact matches, in which:  
37 unique CDR3  
11 unique J



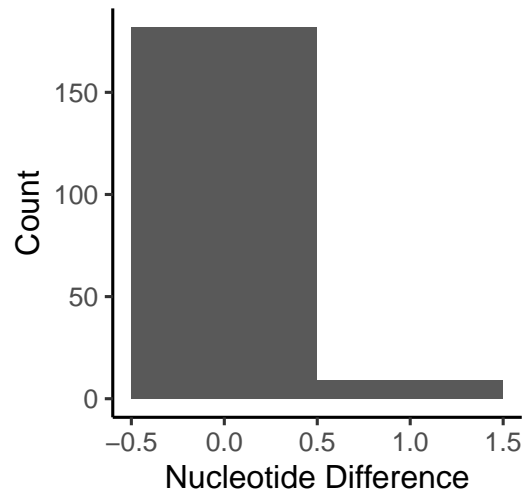
### TRBV29-1\*ap02

228 sequences assigned  
228 (100%) exact matches, in which:  
224 unique CDR3  
13 unique J



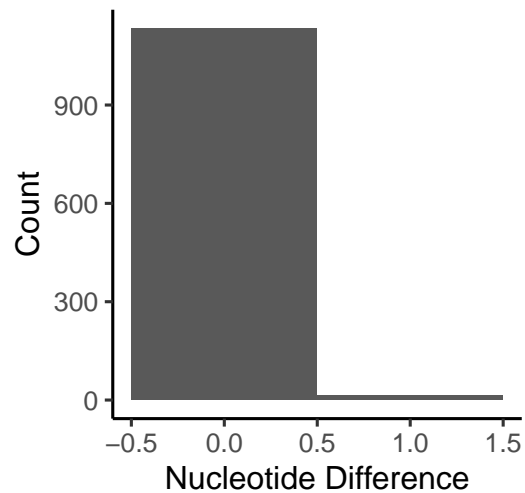
### TRBV7-9\*ap01

191 sequences assigned  
182 (95.3%) exact matches, in which:  
182 unique CDR3  
12 unique J

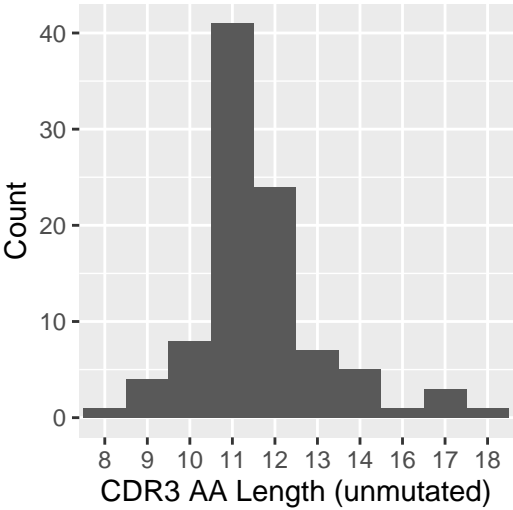


### TRBV29-1\*ap01

1149 sequences assigned  
1134 (98.7%) exact matches, in which:  
1118 unique CDR3  
13 unique J



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.