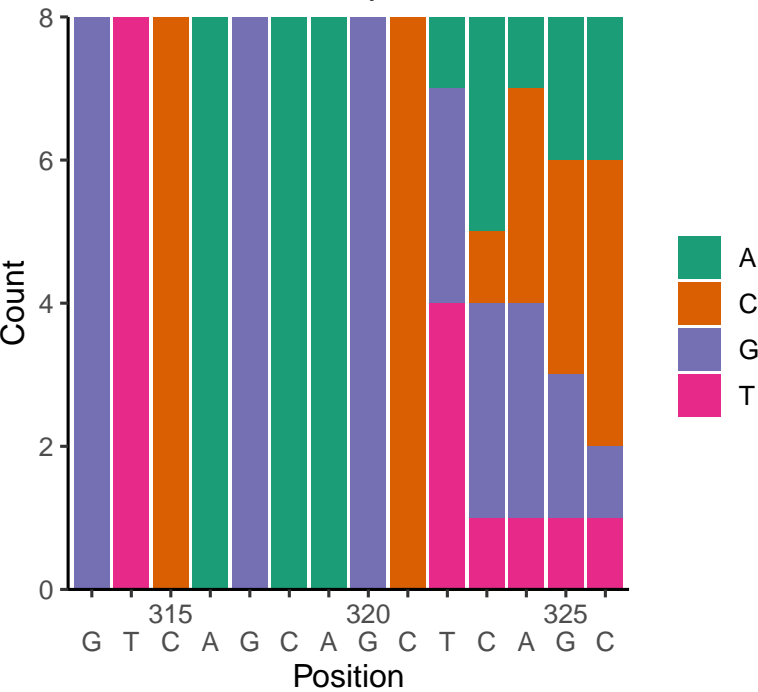
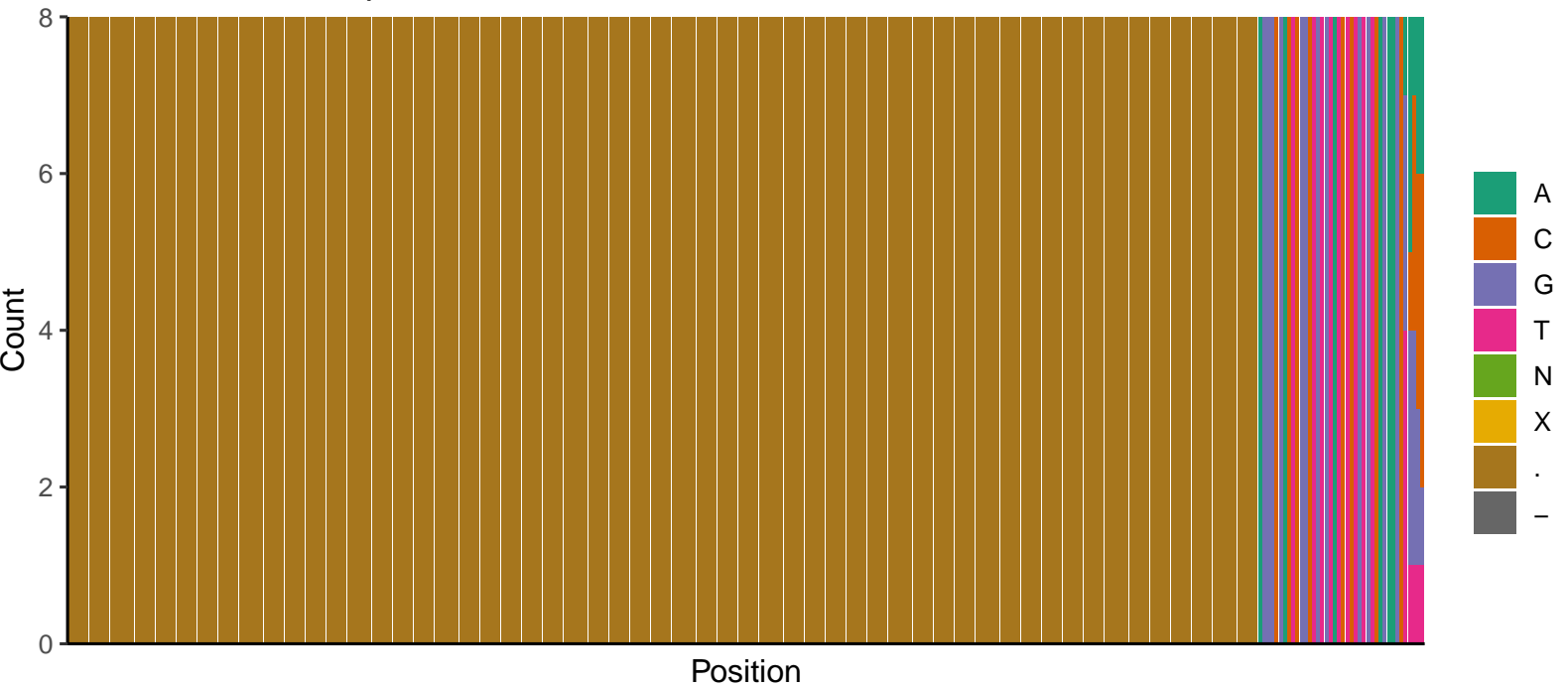


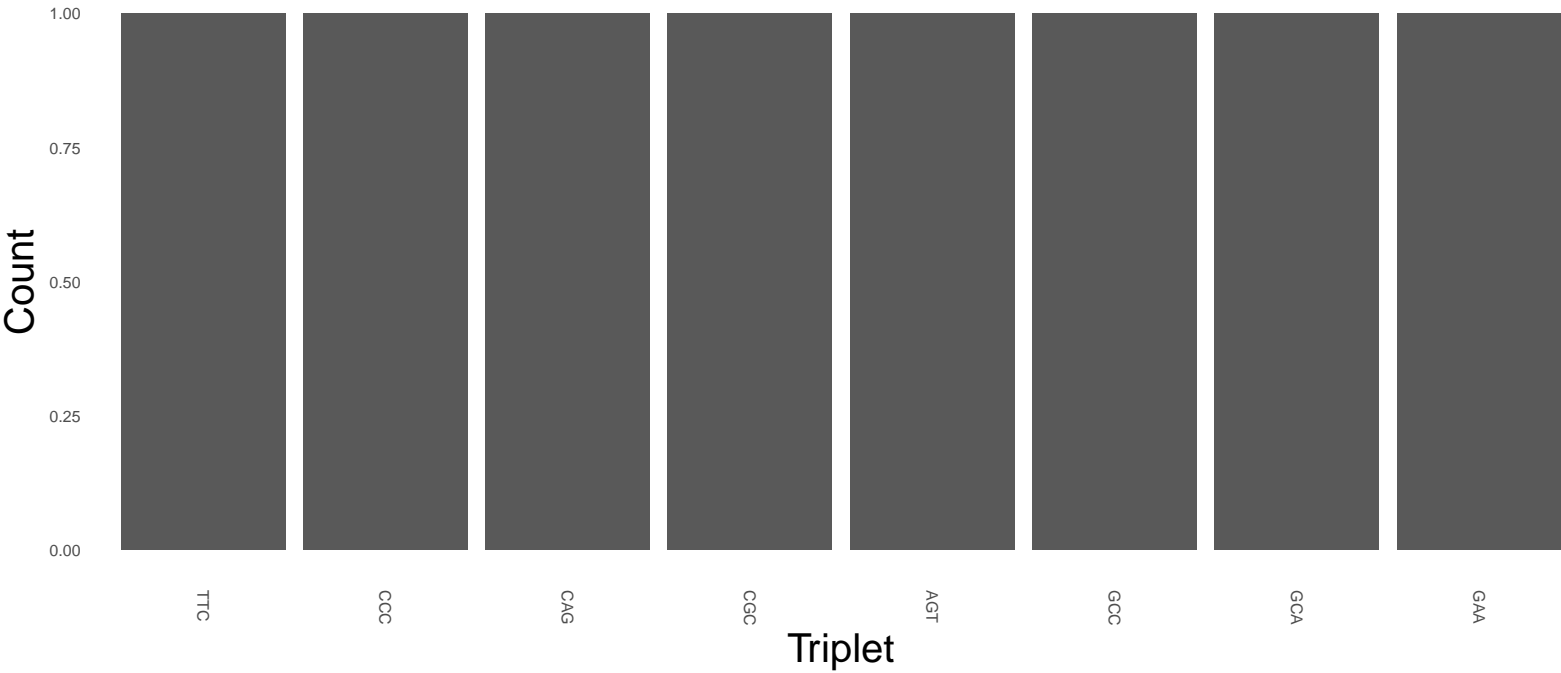
Gene TRBV7-1*ap01_T296C_C314T



Gene TRBV7-1*ap01_T296C_C314T

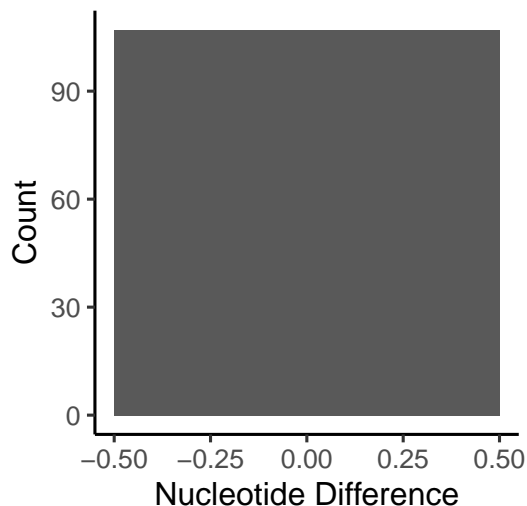


TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet



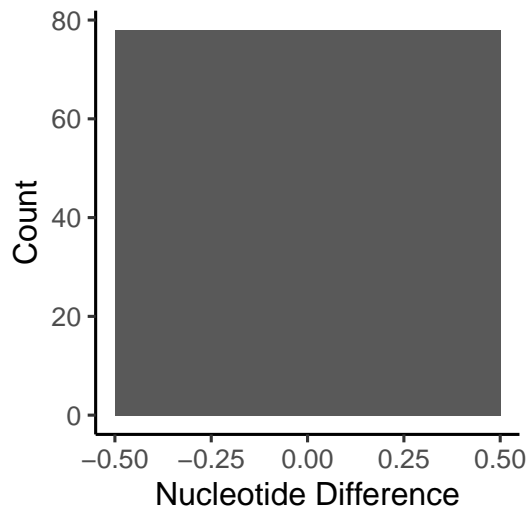
TRBV10–1*ap01

107 sequences assigned
107 (100%) exact matches, in which:
107 unique CDR3
13 unique J



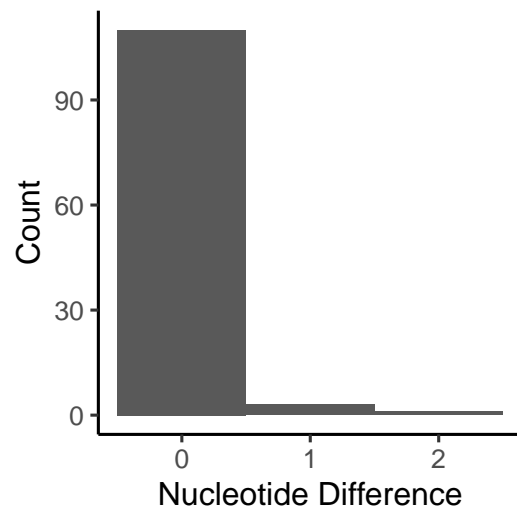
TRBV10–2*ap01

78 sequences assigned
78 (100%) exact matches, in which:
78 unique CDR3
13 unique J



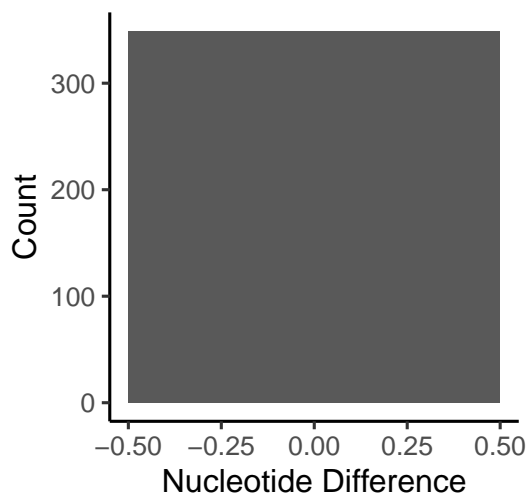
TRBV13*ap01

114 sequences assigned
110 (96.5%) exact matches, in which:
110 unique CDR3
11 unique J



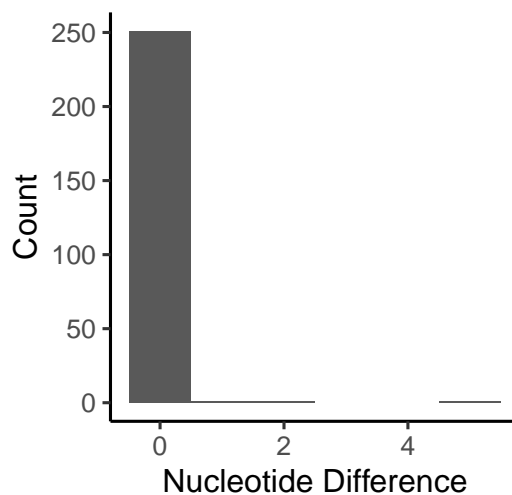
TRBV20–1*ap01

349 sequences assigned
349 (100%) exact matches, in which:
349 unique CDR3
13 unique J



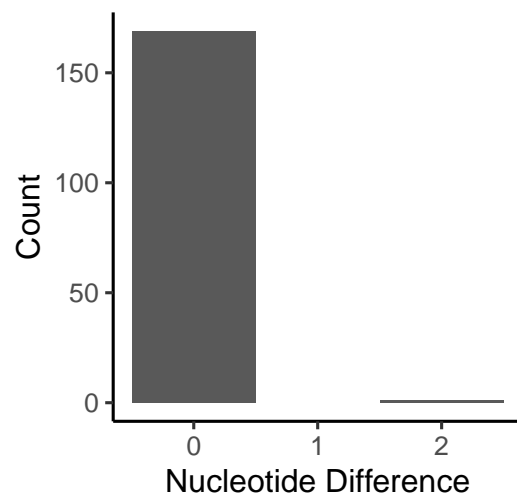
TRBV10–3*ap01

254 sequences assigned
251 (98.8%) exact matches, in which:
251 unique CDR3
13 unique J



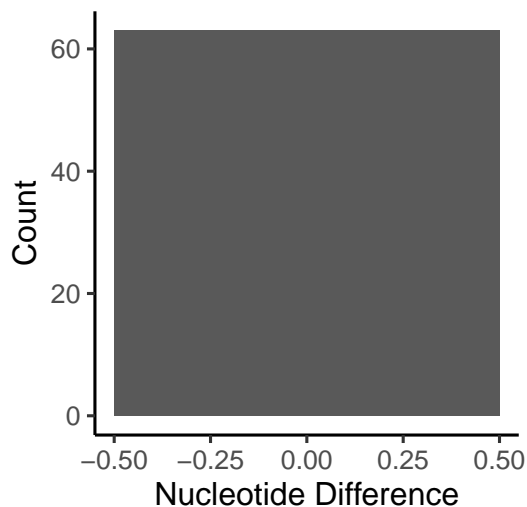
TRBV14*ap01

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



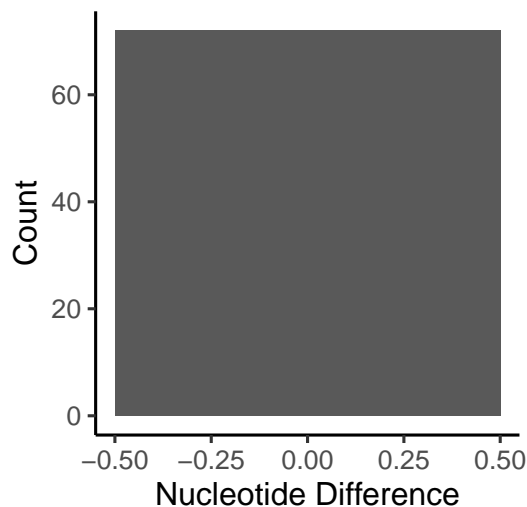
TRBV20–1*ap02

63 sequences assigned
63 (100%) exact matches, in which:
63 unique CDR3
11 unique J



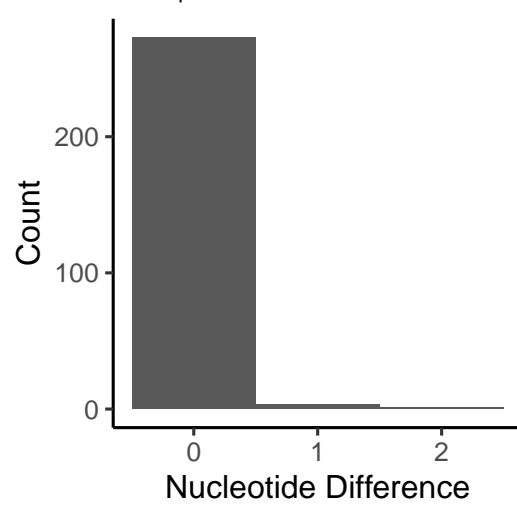
TRBV1*ap01

72 sequences assigned
72 (100%) exact matches, in which:
72 unique CDR3
11 unique J



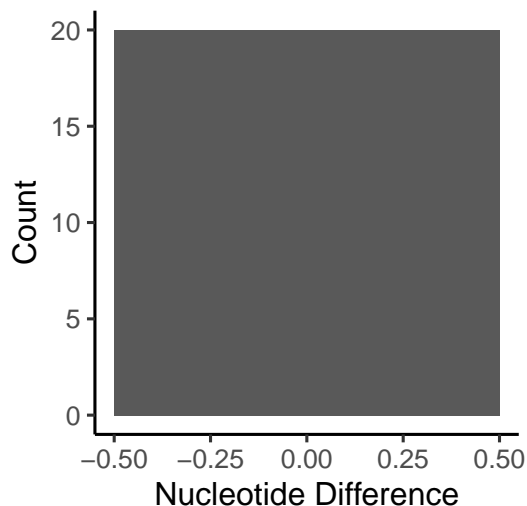
TRBV15*ap02

277 sequences assigned
273 (98.6%) exact matches, in which:
273 unique CDR3
13 unique J



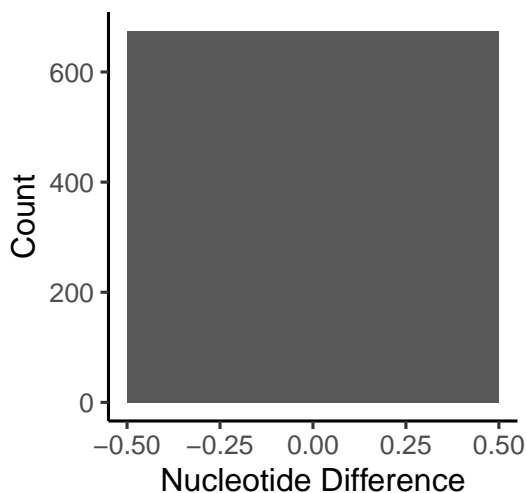
TRBV16*ap01

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



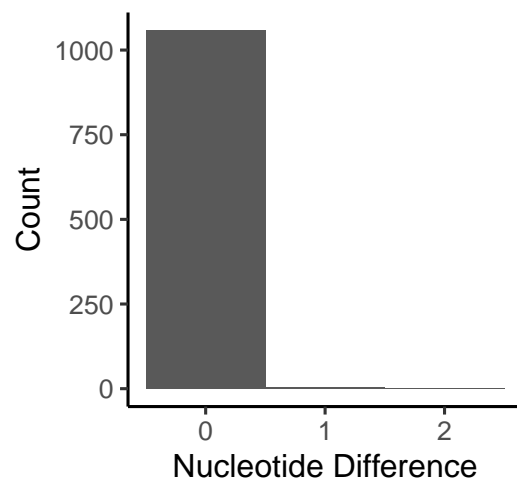
TRBV2*ap01

675 sequences assigned
675 (100%) exact matches, in which:
675 unique CDR3
13 unique J



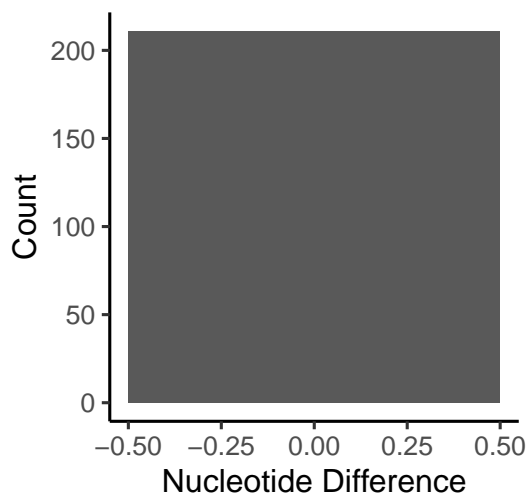
TRBV30*ap02

1064 sequences assigned
1058 (99.4%) exact matches, in which:
1053 unique CDR3
13 unique J



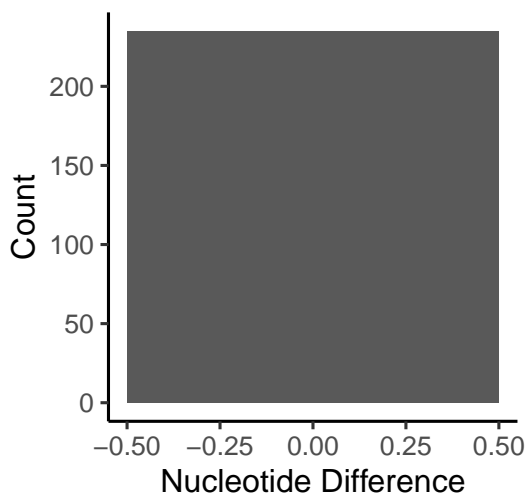
TRBV18*ap01

211 sequences assigned
211 (100%) exact matches, in which:
211 unique CDR3
12 unique J



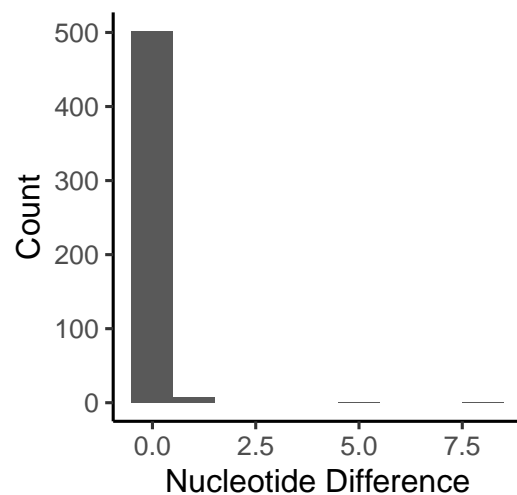
TRBV27*ap01

235 sequences assigned
235 (100%) exact matches, in which:
235 unique CDR3
13 unique J



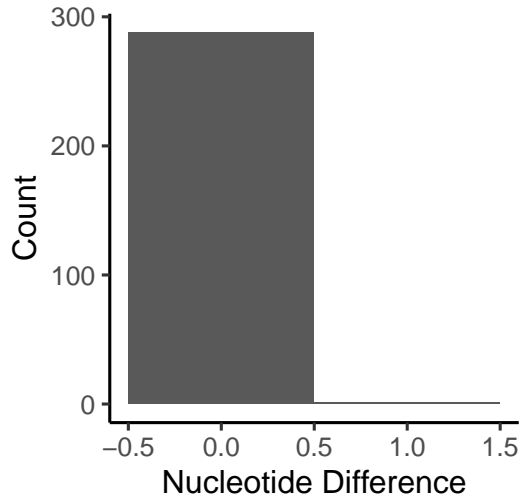
TRBV9*ap01

511 sequences assigned
502 (98.2%) exact matches, in which:
502 unique CDR3
13 unique J



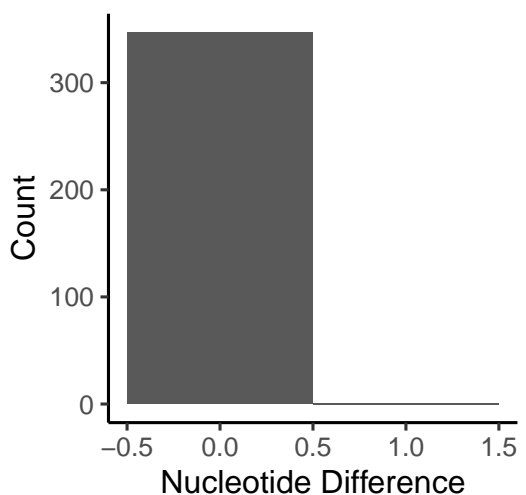
TRBV19*ap01

289 sequences assigned
288 (99.7%) exact matches, in which:
288 unique CDR3
13 unique J



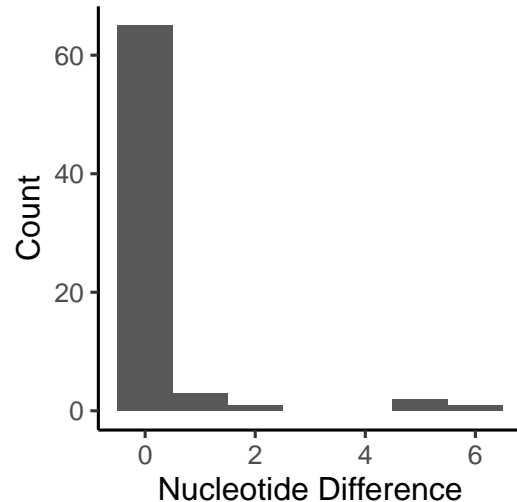
TRBV28*ap01

348 sequences assigned
347 (99.7%) exact matches, in which:
347 unique CDR3
13 unique J



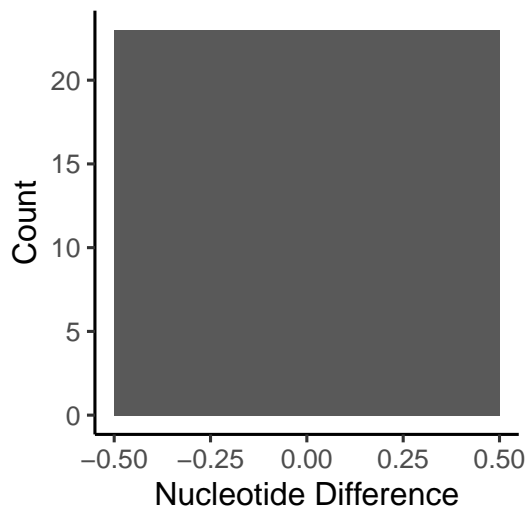
TRBV21-1*ap01

72 sequences assigned
65 (90.3%) exact matches, in which:
65 unique CDR3
12 unique J



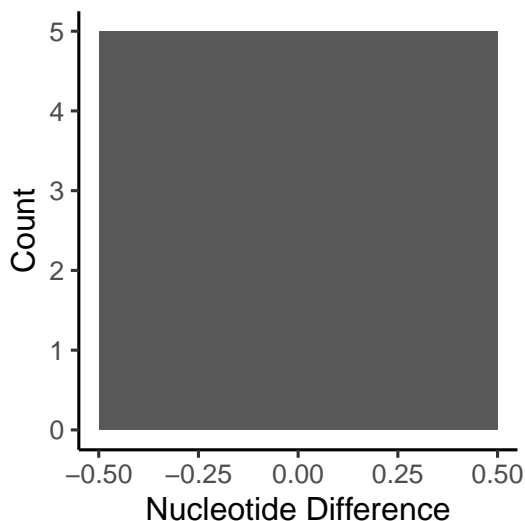
TRBV11-1*ap01

23 sequences assigned
23 (100%) exact matches, in which:
23 unique CDR3
10 unique J



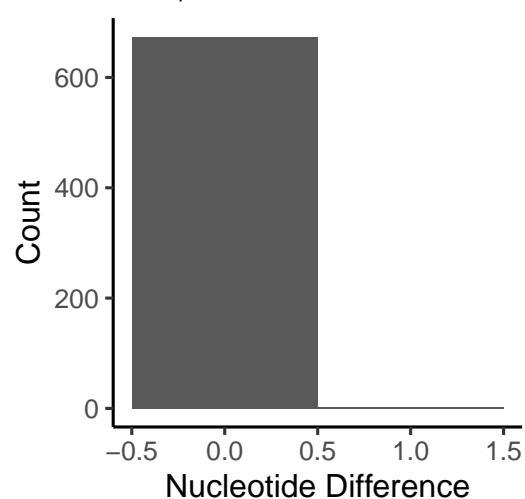
TRBV12-1*ap01

5 sequences assigned
5 (100%) exact matches, in which:
5 unique CDR3
4 unique J



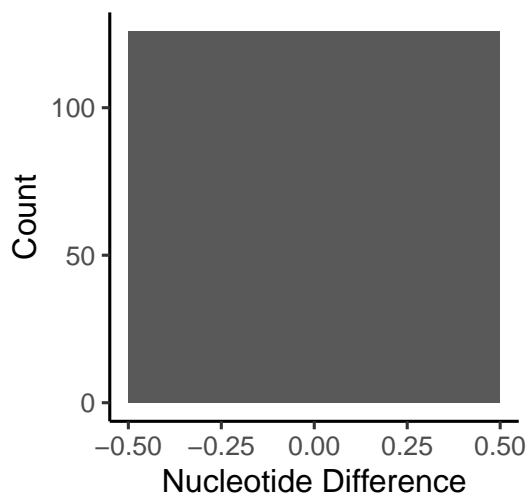
TRBV12-34*ap01

677 sequences assigned
674 (99.6%) exact matches, in which:
674 unique CDR3
13 unique J



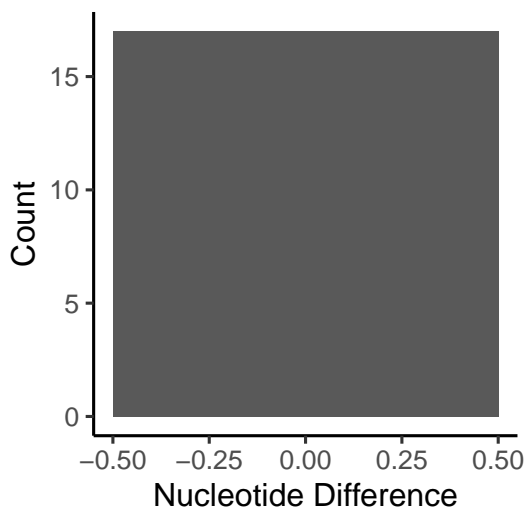
TRBV11-2*ap01

126 sequences assigned
126 (100%) exact matches, in which:
126 unique CDR3
13 unique J



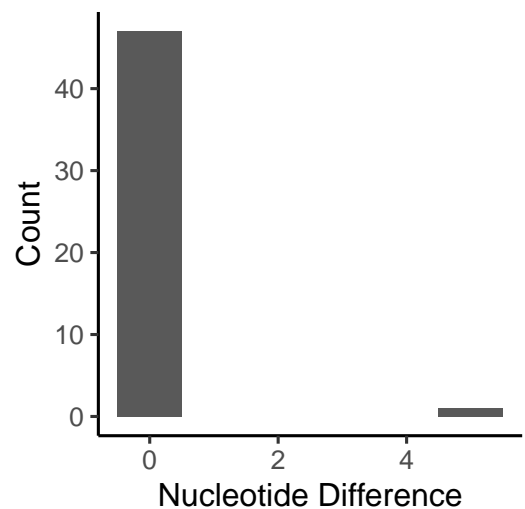
TRBV12-2*ap01

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



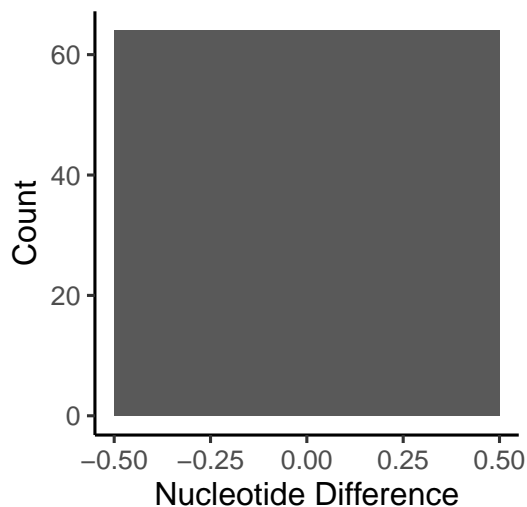
TRBV23-1*ap01

48 sequences assigned
47 (97.9%) exact matches, in which:
47 unique CDR3
11 unique J



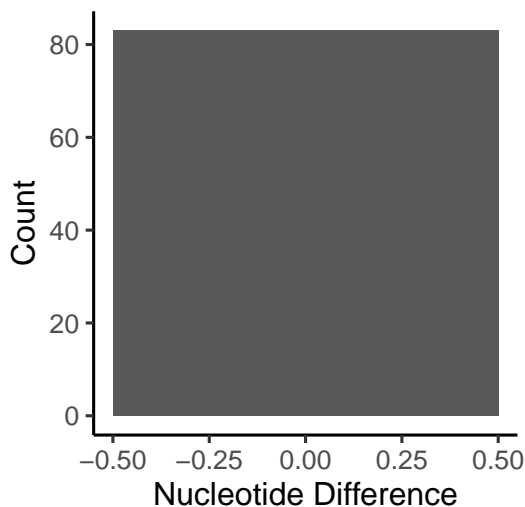
TRBV11-3*ap01

64 sequences assigned
64 (100%) exact matches, in which:
64 unique CDR3
12 unique J



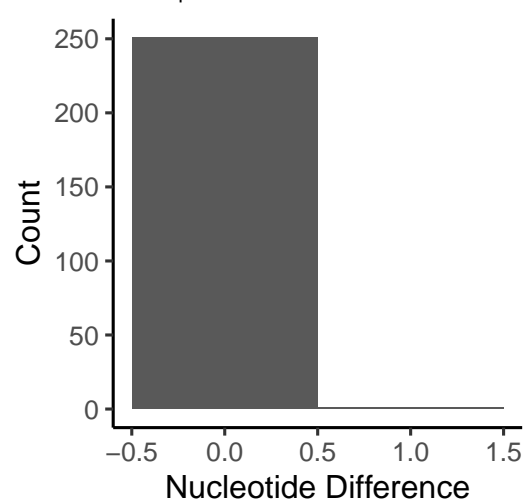
TRBV12-5*ap01

83 sequences assigned
83 (100%) exact matches, in which:
83 unique CDR3
12 unique J



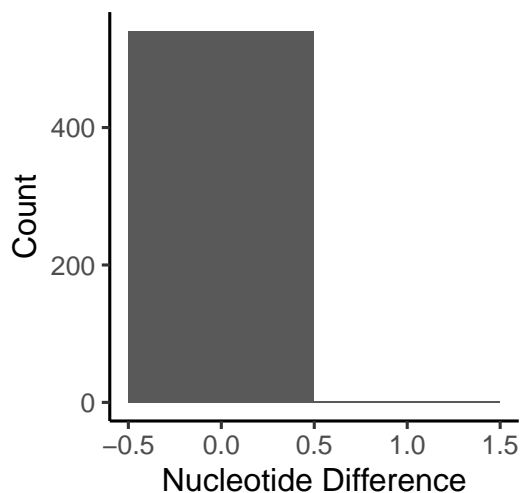
TRBV3-12*ap01

252 sequences assigned
251 (99.6%) exact matches, in which:
249 unique CDR3
13 unique J



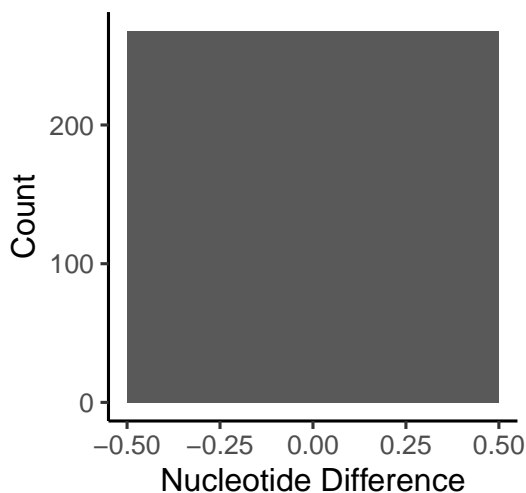
TRBV4–1*ap01

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



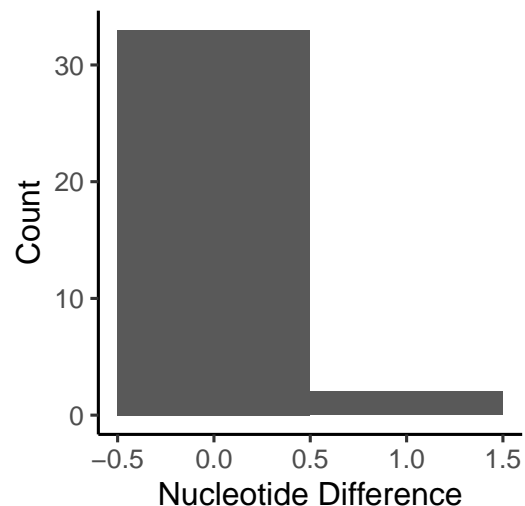
TRBV4–3*ap01

268 sequences assigned
268 (100%) exact matches, in which:
268 unique CDR3
13 unique J



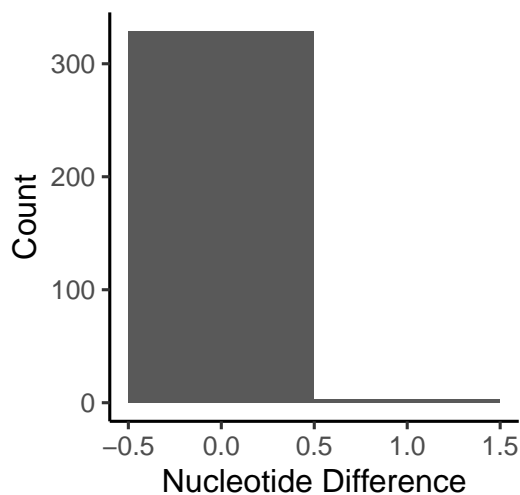
TRBV5–3*ap01

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



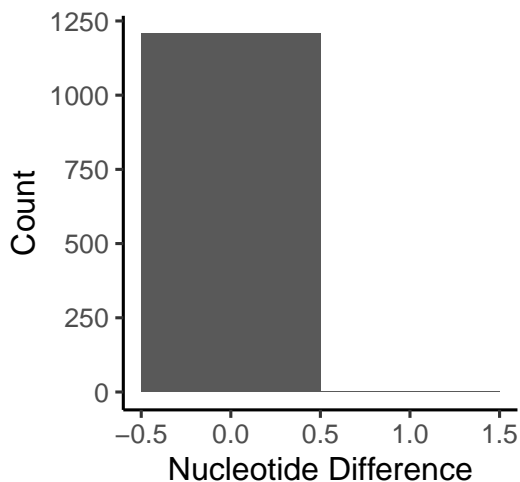
TRBV24–1*ap01

332 sequences assigned
329 (99.1%) exact matches, in which:
326 unique CDR3
11 unique J



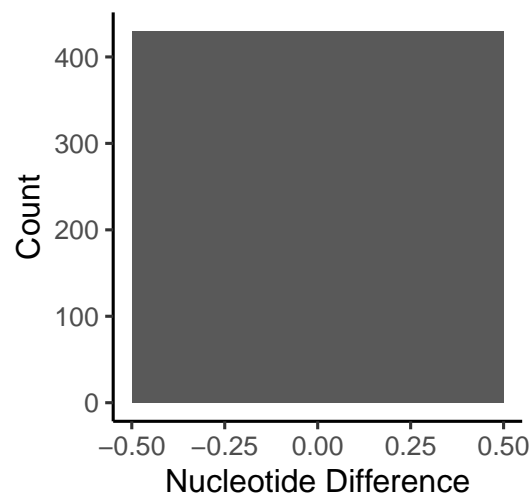
TRBV5–1*ap01

1210 sequences assigned
1207 (99.8%) exact matches, in which:
1207 unique CDR3
13 unique J



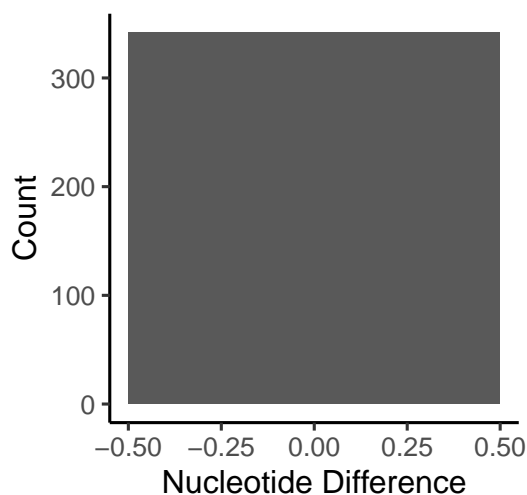
TRBV5–4*ap01

430 sequences assigned
430 (100%) exact matches, in which:
430 unique CDR3
13 unique J



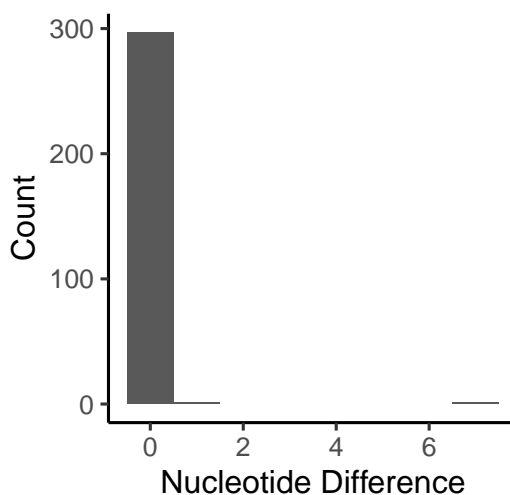
TRBV4–2*ap01

342 sequences assigned
342 (100%) exact matches, in which:
341 unique CDR3
13 unique J



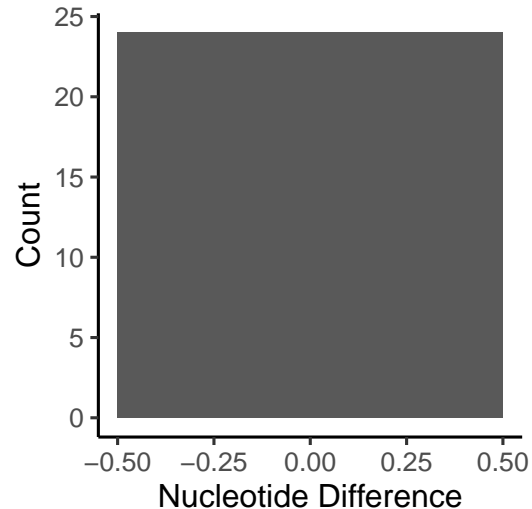
TRBV25–1*ap01

299 sequences assigned
297 (99.3%) exact matches, in which:
297 unique CDR3
13 unique J



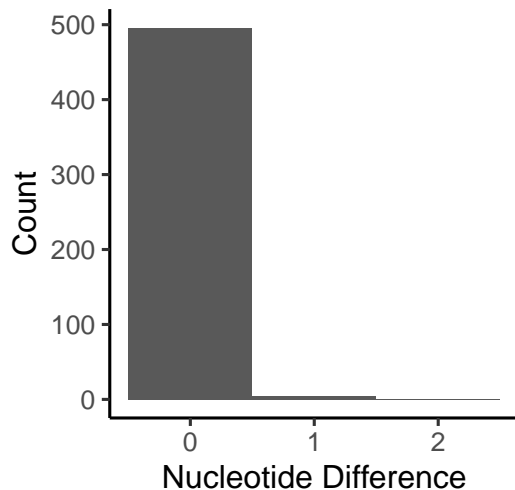
TRBV5–5*ap01

24 sequences assigned
24 (100%) exact matches, in which:
24 unique CDR3
10 unique J



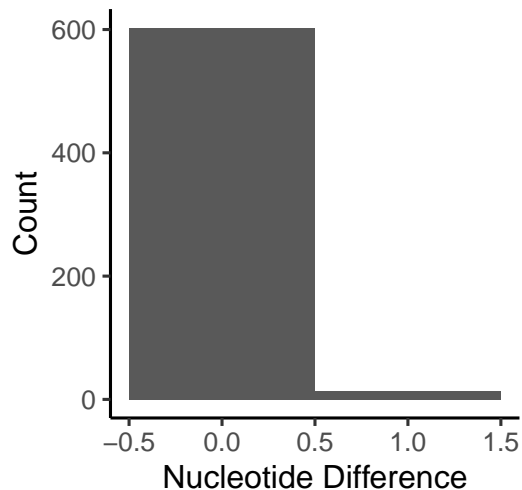
TRBV5–6*ap01

502 sequences assigned
496 (98.8%) exact matches, in which:
496 unique CDR3
13 unique J



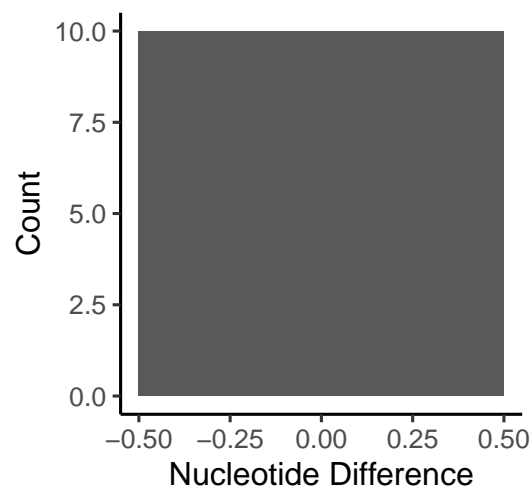
TRBV6–1*ap01

617 sequences assigned
603 (97.7%) exact matches, in which:
600 unique CDR3
13 unique J



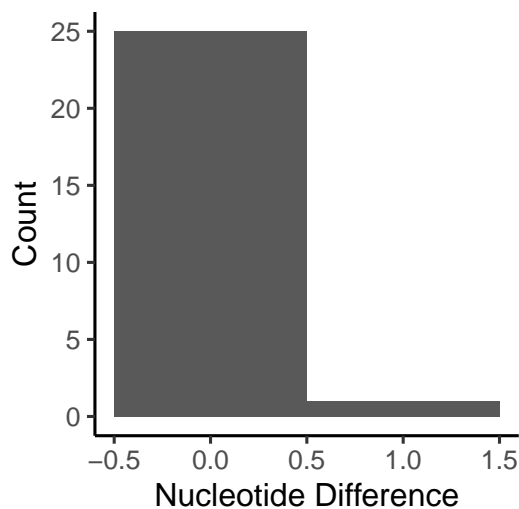
TRBV6–8*ap01

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



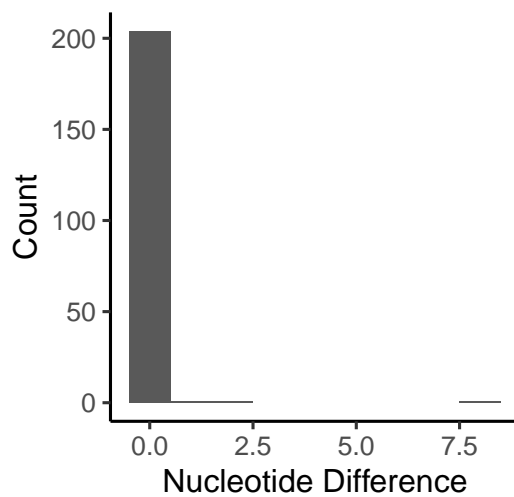
TRBV5–7*ap01

26 sequences assigned
25 (96.2%) exact matches, in which:
25 unique CDR3
9 unique J



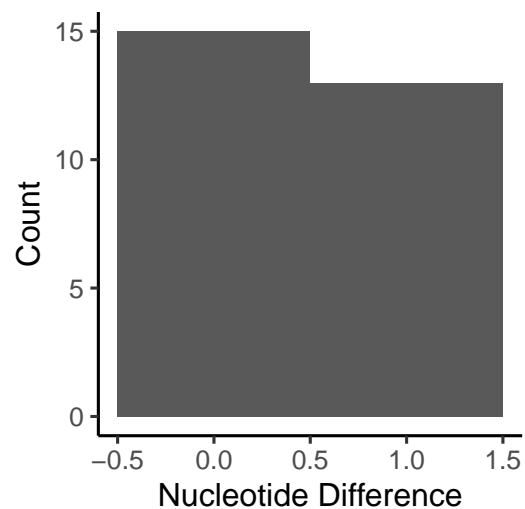
TRBV6–4*ap01

207 sequences assigned
204 (98.6%) exact matches, in which:
204 unique CDR3
12 unique J



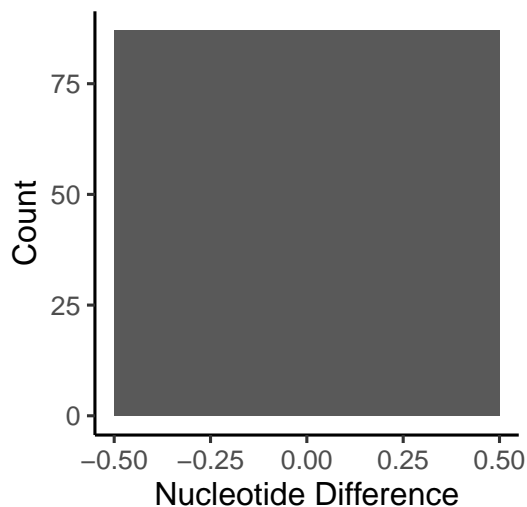
TRBV6–9*ap01

28 sequences assigned
15 (53.6%) exact matches, in which:
15 unique CDR3
9 unique J



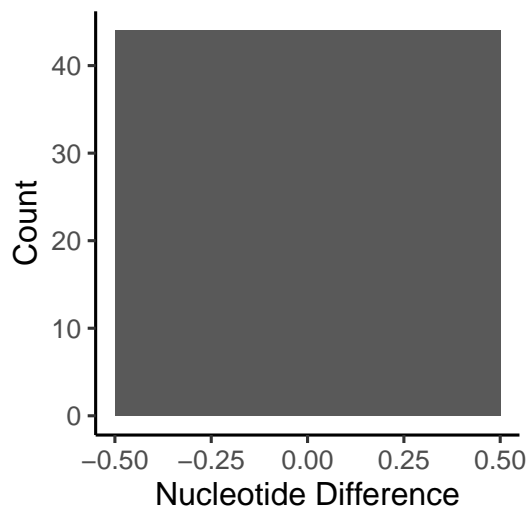
TRBV5–8*ap01

87 sequences assigned
87 (100%) exact matches, in which:
87 unique CDR3
12 unique J



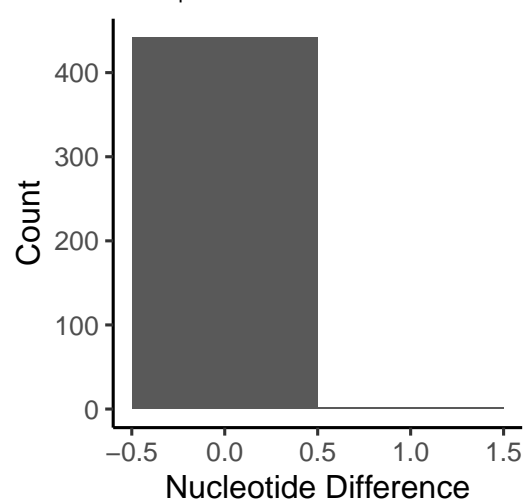
TRBV6–7*ap01

44 sequences assigned
44 (100%) exact matches, in which:
44 unique CDR3
10 unique J



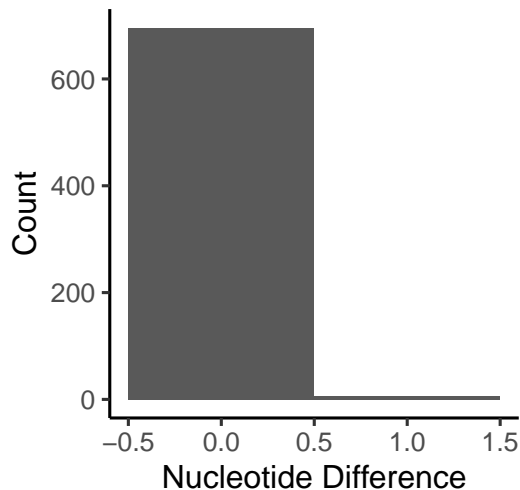
TRBV6–23*ap01

444 sequences assigned
442 (99.5%) exact matches, in which:
442 unique CDR3
13 unique J



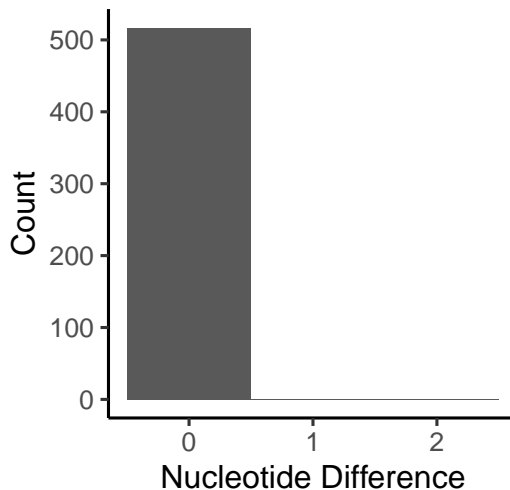
TRBV6–56*ap01

702 sequences assigned
696 (99.1%) exact matches, in which:
696 unique CDR3
13 unique J



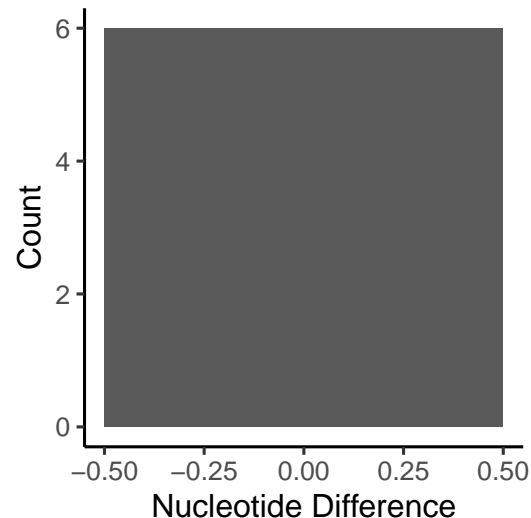
TRBV7–2*ap01

519 sequences assigned
517 (99.6%) exact matches, in which:
517 unique CDR3
13 unique J



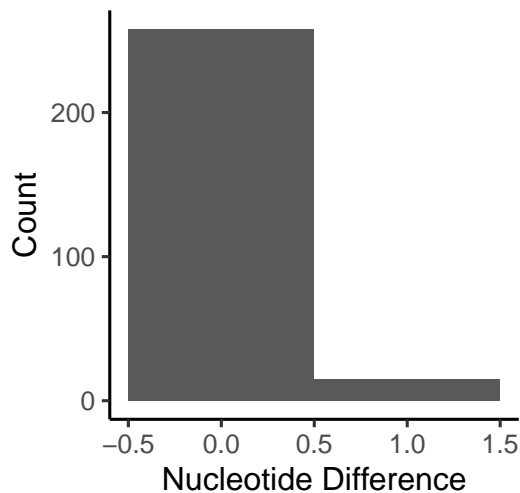
TRBV7–4*ap01

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



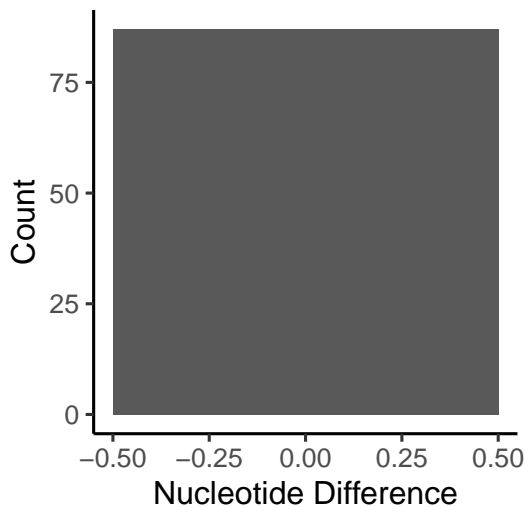
TRBV6–56*ap02

273 sequences assigned
258 (94.5%) exact matches, in which:
258 unique CDR3
13 unique J



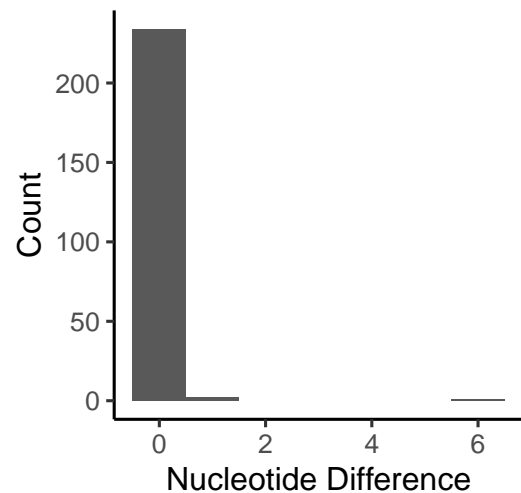
TRBV7–3*ap01

87 sequences assigned
87 (100%) exact matches, in which:
87 unique CDR3
10 unique J



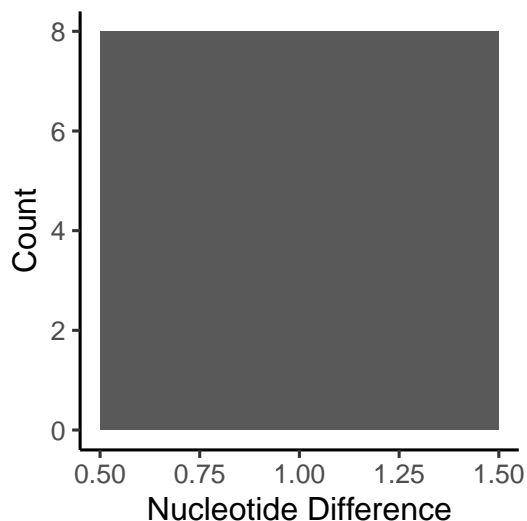
TRBV7–6*ap01

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



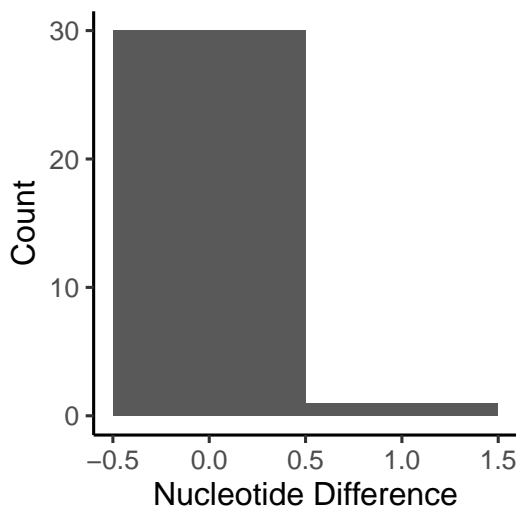
TRBV7–1*ap01_T296C_C3

8 sequences assigned
No exact matches.



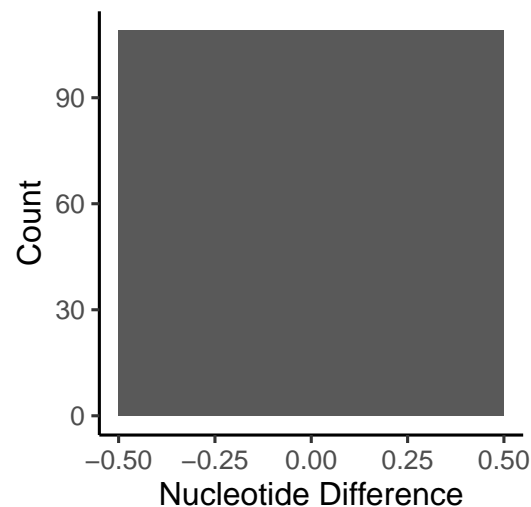
TRBV7–3*ap03

31 sequences assigned
30 (96.8%) exact matches, in which:
30 unique CDR3
7 unique J



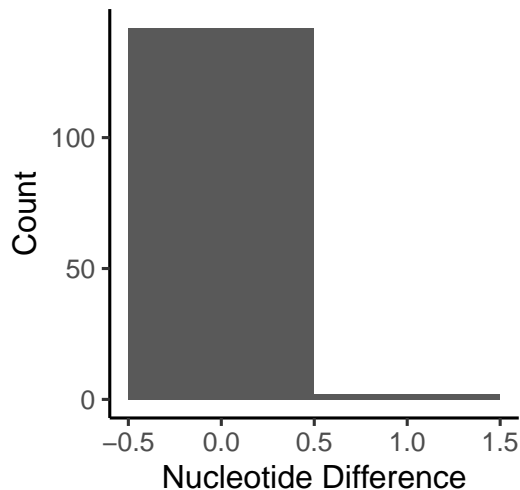
TRBV7–7*ap01

109 sequences assigned
109 (100%) exact matches, in which:
109 unique CDR3
13 unique J



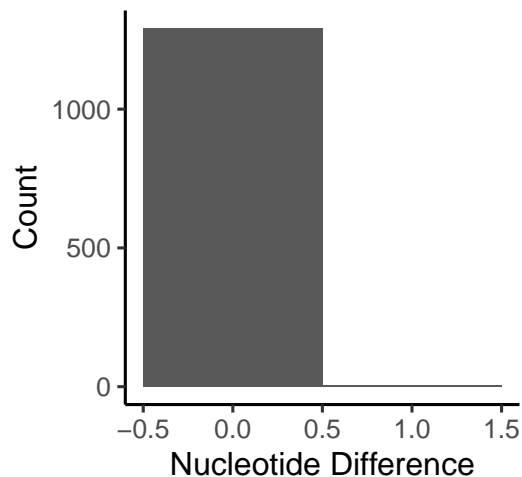
TRBV7-8*ap01

144 sequences assigned
142 (98.6%) exact matches, in which:
142 unique CDR3
12 unique J



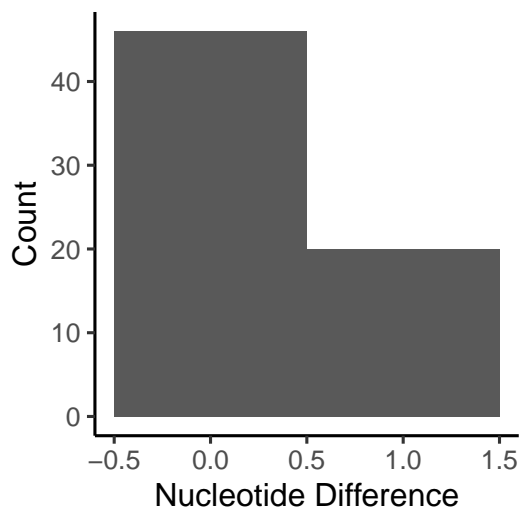
TRBV29-1*ap01

1297 sequences assigned
1291 (99.5%) exact matches, in which:
1290 unique CDR3
13 unique J



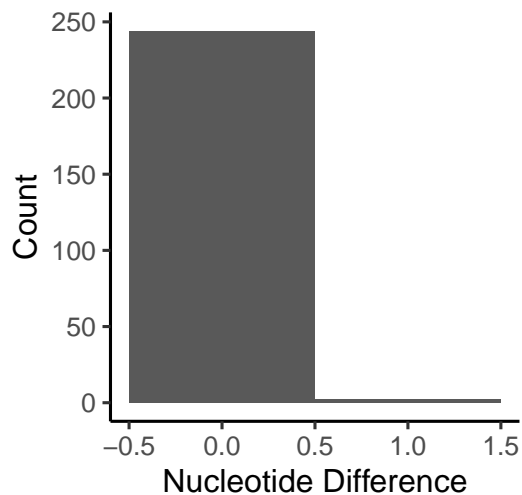
TRBV7-8*ap03

66 sequences assigned
46 (69.7%) exact matches, in which:
46 unique CDR3
11 unique J



TRBV29-1*ap02

246 sequences assigned
244 (99.2%) exact matches, in which:
244 unique CDR3
13 unique J



TRBV7-9*ap01

462 sequences assigned
459 (99.4%) exact matches, in which:
458 unique CDR3
13 unique J

