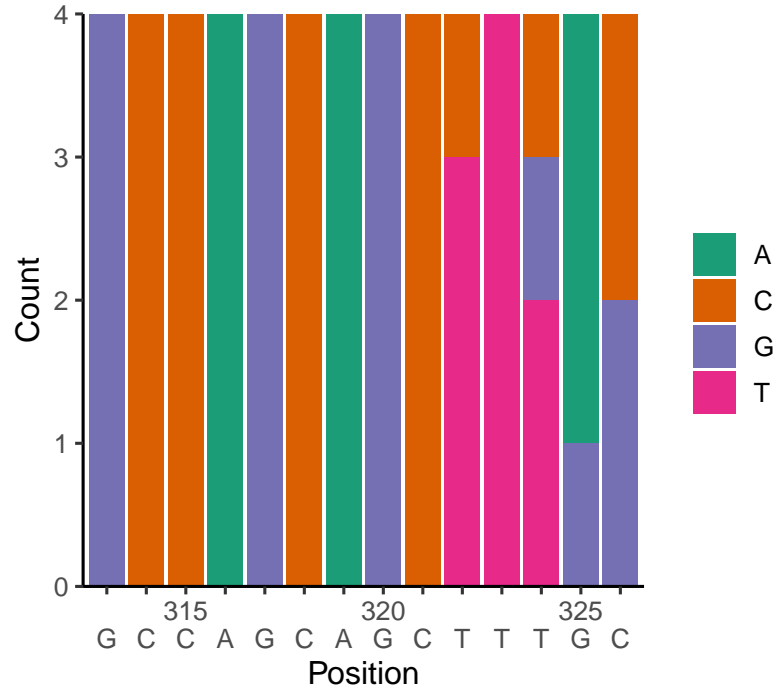
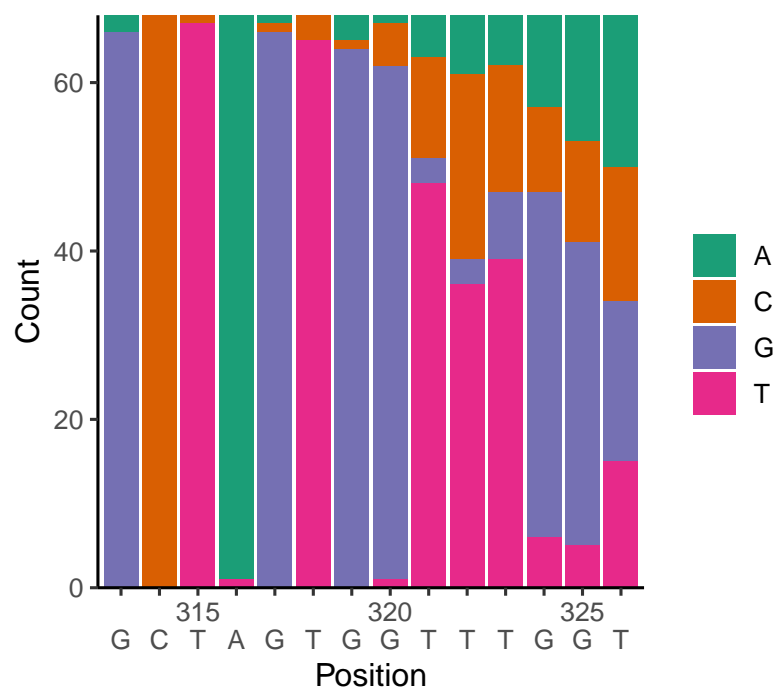


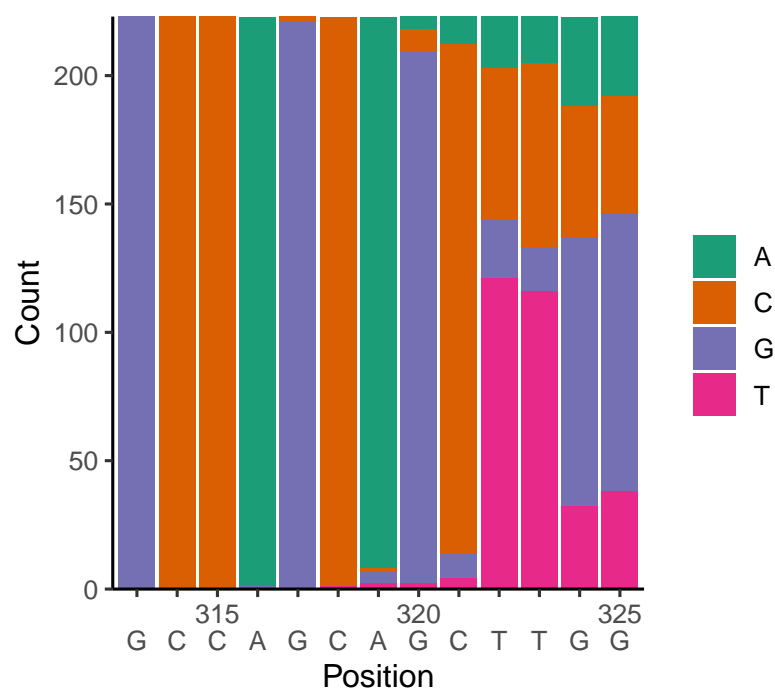
Gene TRBV12-1*01_C165A



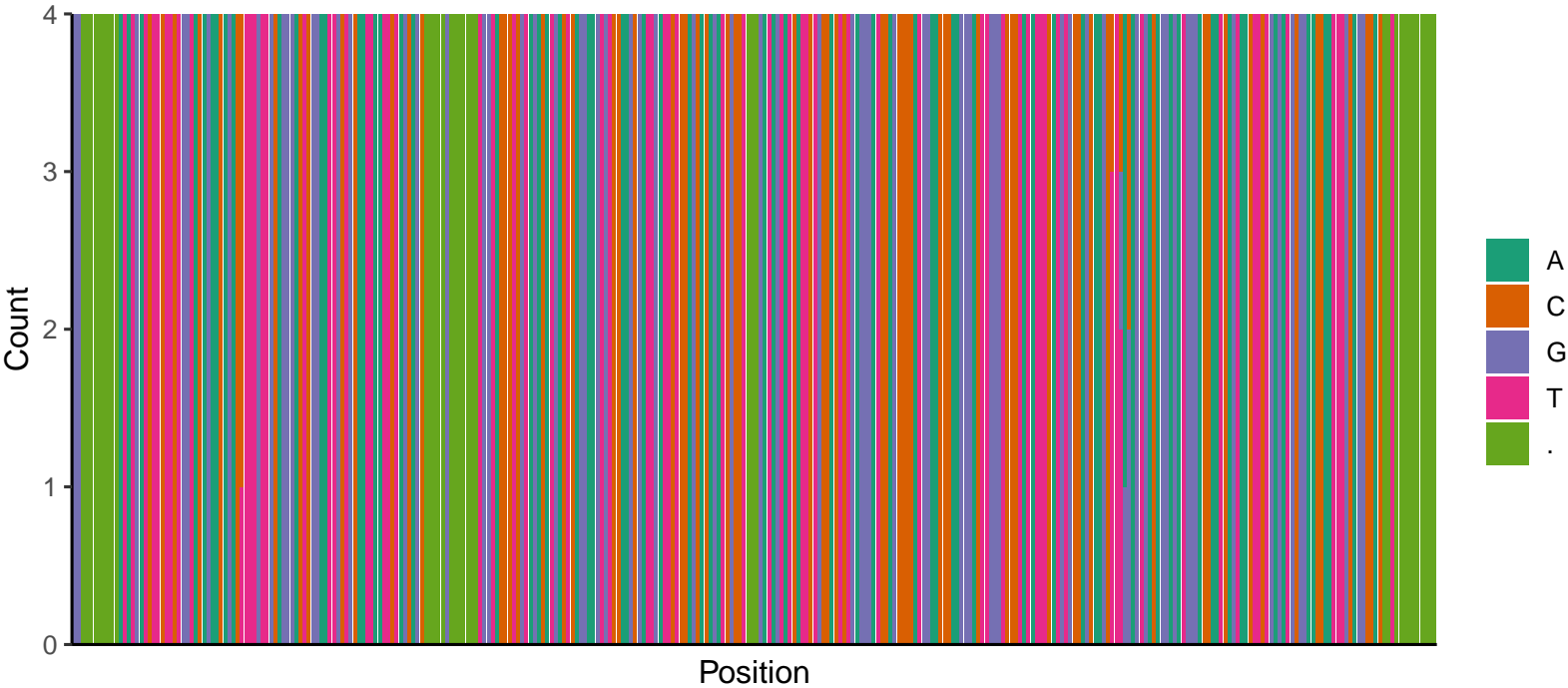
Gene TRBV12-5*01_C28G



Gene TRBV5-5*02_322TTGG325



Gene TRBV12-1*01_C165A



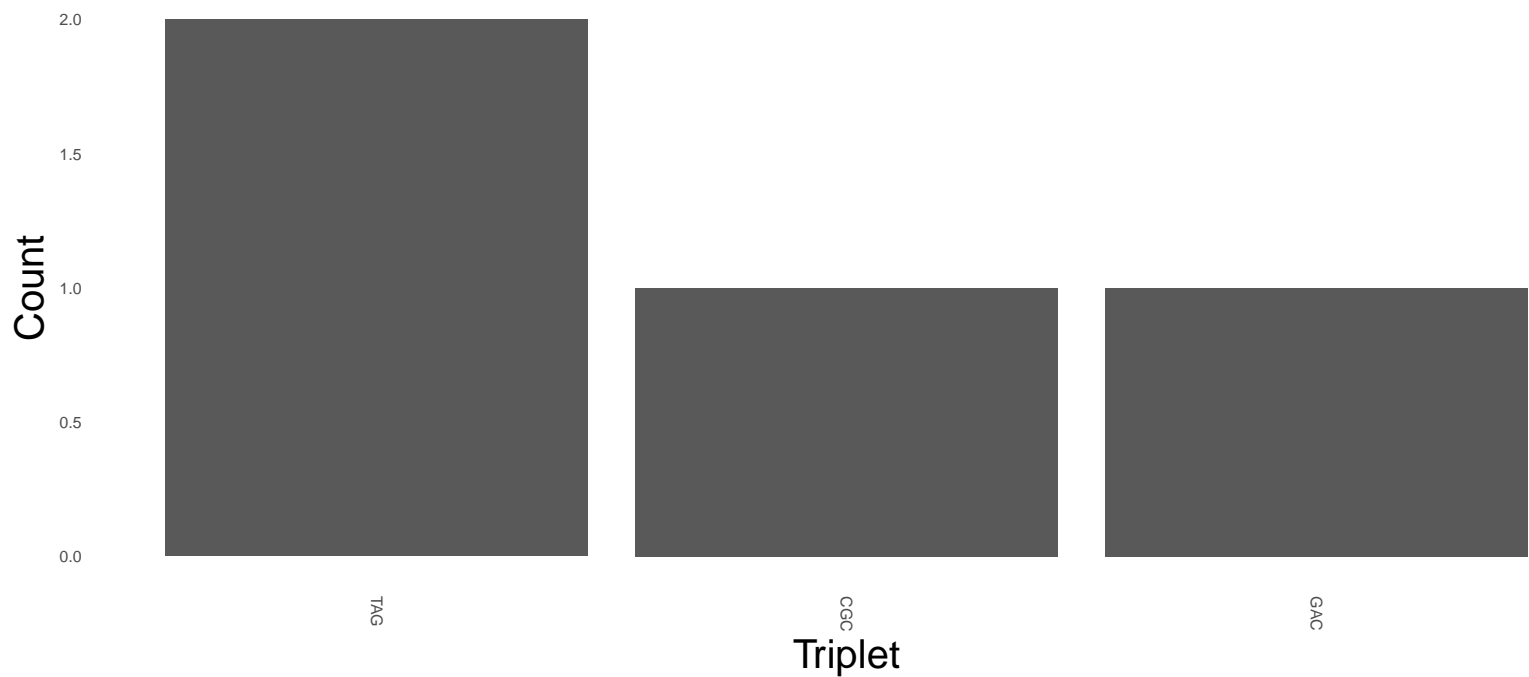
Gene TRBV12-5*01_C28G



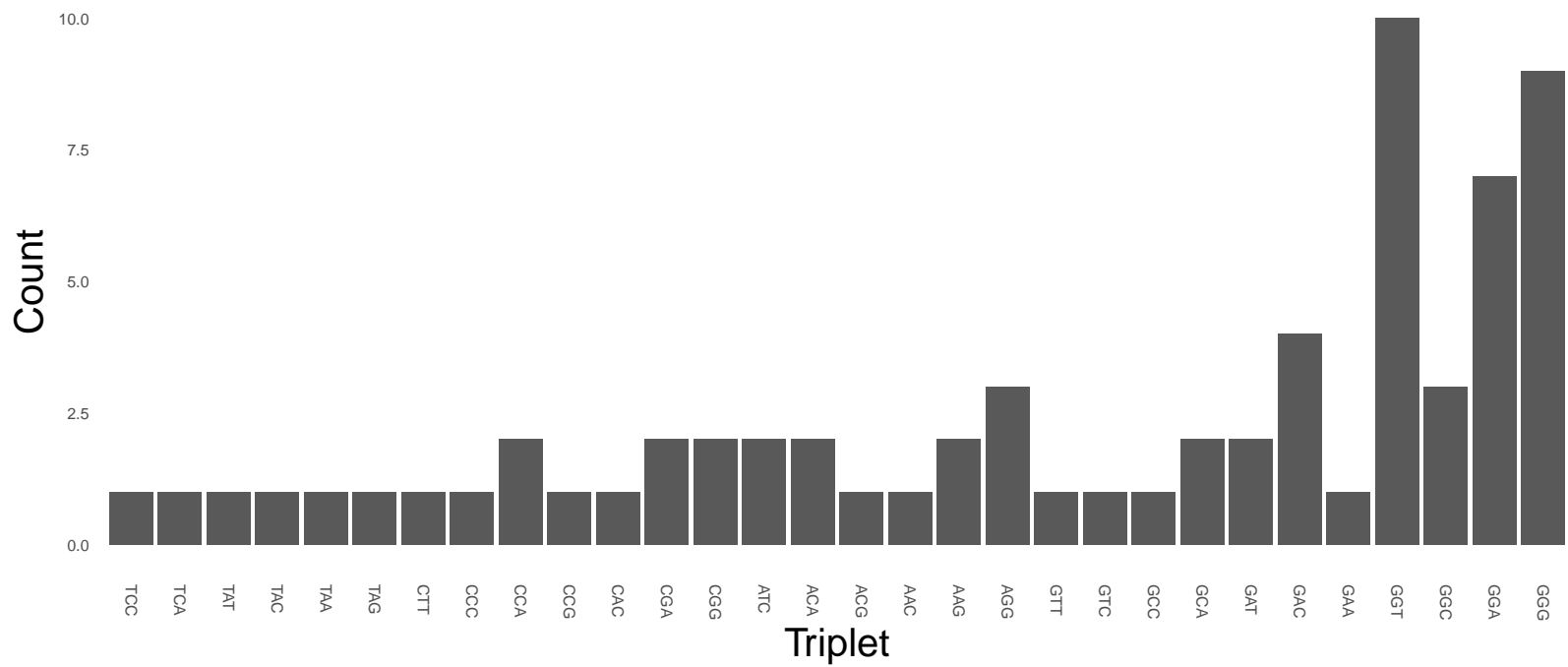
Gene TRBV5-5*02_322TTGG325



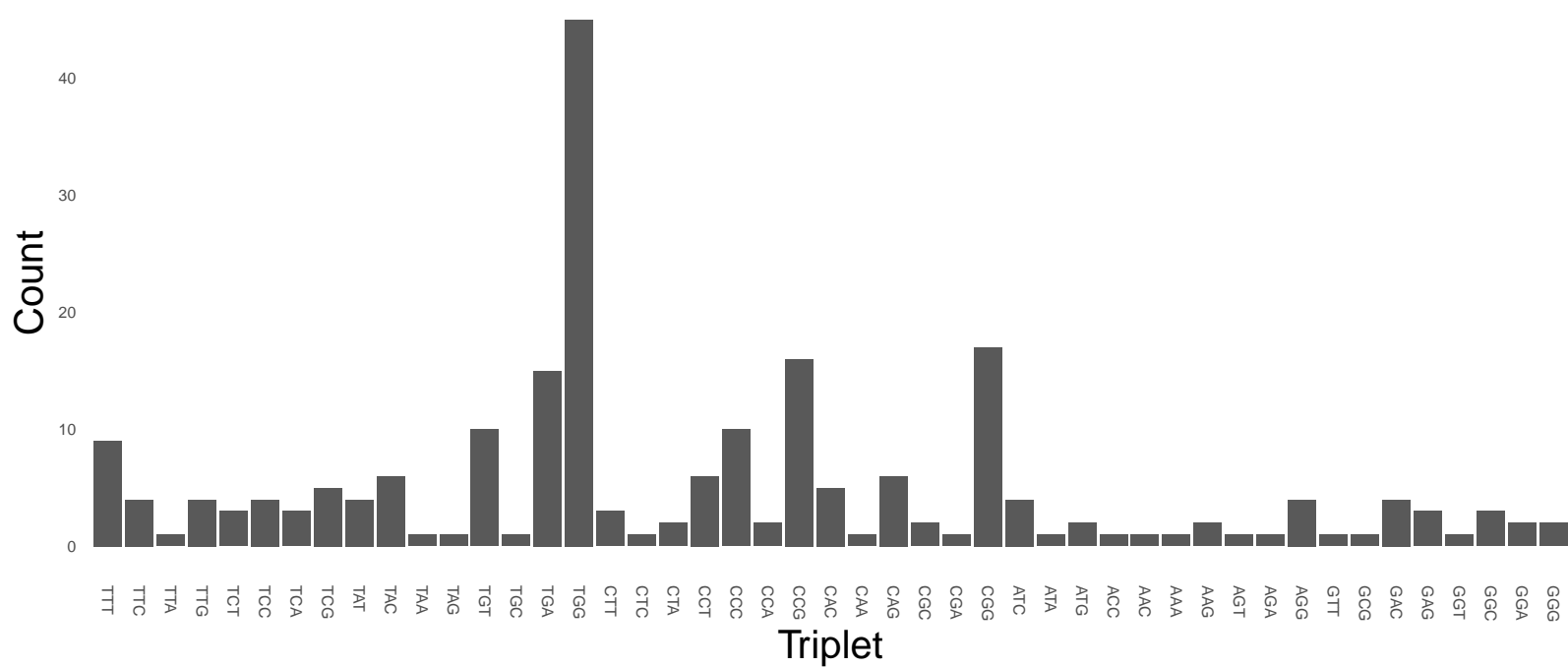
TRBV12-1*01_C165A- Final 3 nucleotides as a triplet



TRBV12-5*01_C28G- Final 3 nucleotides as a triplet

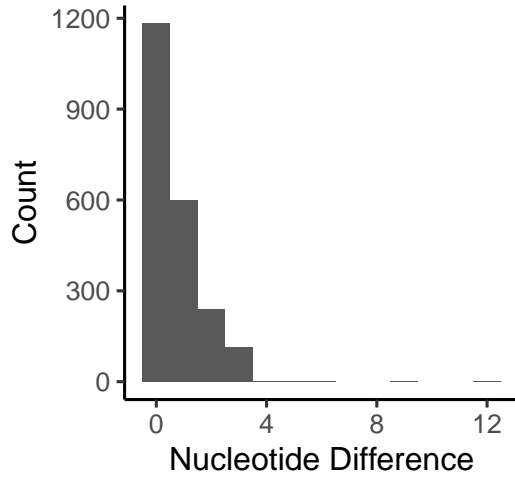


TRBV5-5*02_322TTGG325- Final 3 nucleotides as a triplet



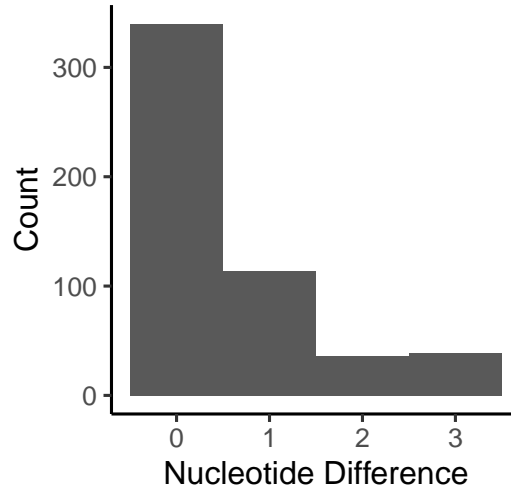
TRBV20-1*01

2140 sequences assigned
1183 (55.3%) exact matches, in which:
1127 unique CDR3
13 unique J



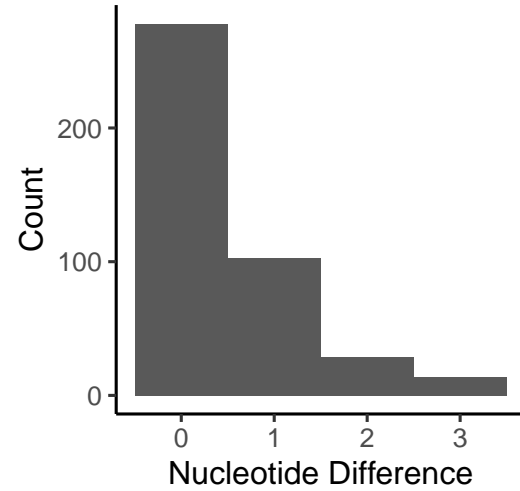
TRBV10-3*02

529 sequences assigned
340 (64.3%) exact matches, in which:
316 unique CDR3
13 unique J



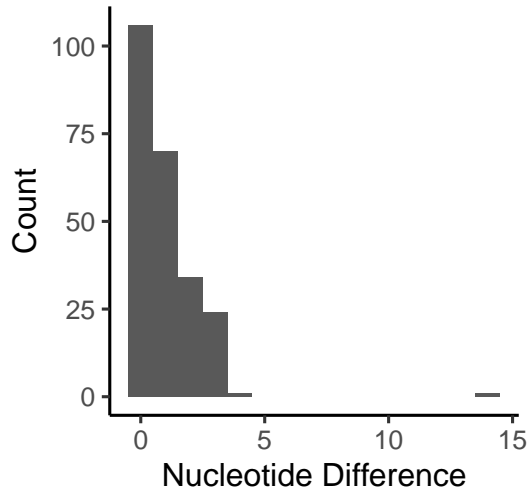
TRBV14*01

424 sequences assigned
278 (65.6%) exact matches, in which:
249 unique CDR3
13 unique J



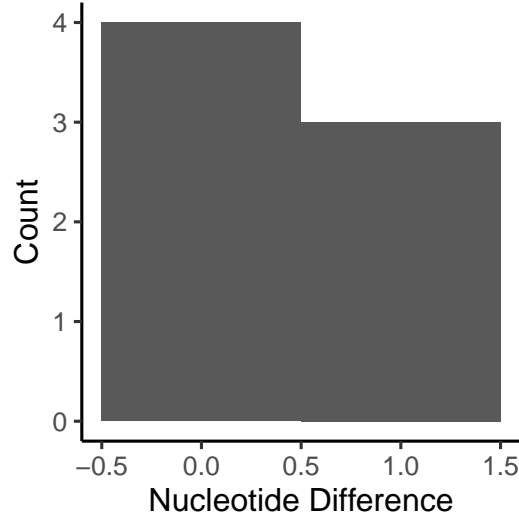
TRBV10-1*01

236 sequences assigned
106 (44.9%) exact matches, in which:
68 unique CDR3
12 unique J



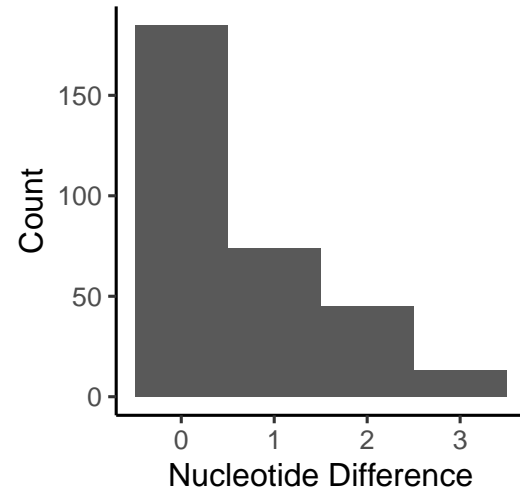
TRBV1*01

7 sequences assigned
4 (57.1%) exact matches, in which:
4 unique CDR3
4 unique J



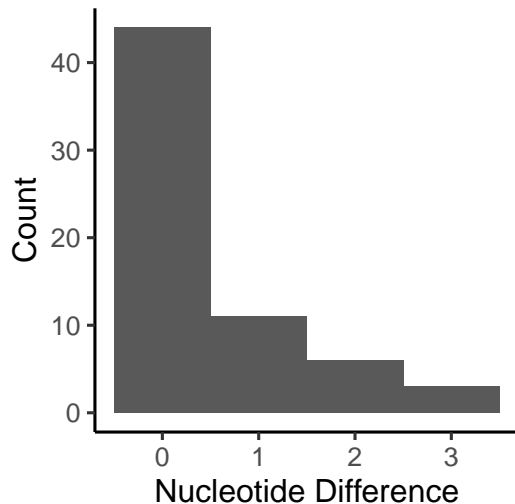
TRBV15*02

317 sequences assigned
185 (58.4%) exact matches, in which:
164 unique CDR3
13 unique J



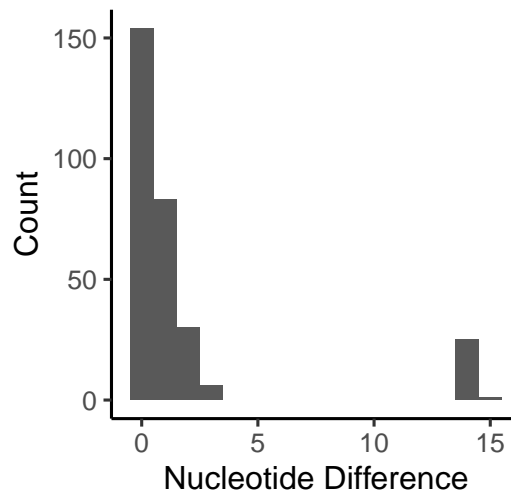
TRBV10-2*01

64 sequences assigned
44 (68.8%) exact matches, in which:
42 unique CDR3
12 unique J



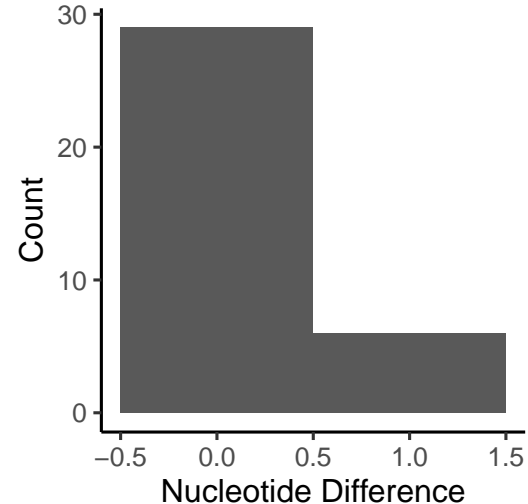
TRBV13*01

299 sequences assigned
154 (51.5%) exact matches, in which:
150 unique CDR3
13 unique J



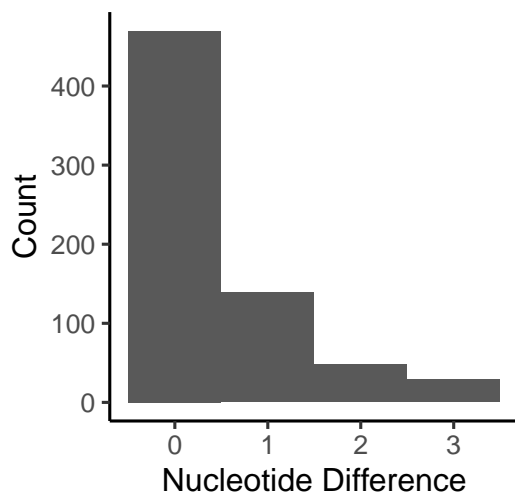
TRBV16*01

35 sequences assigned
29 (82.9%) exact matches, in which:
21 unique CDR3
9 unique J



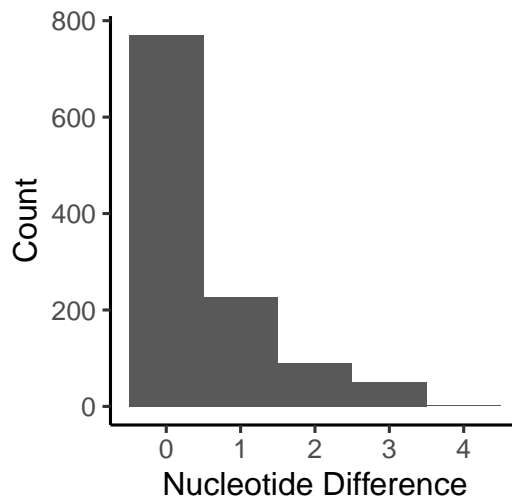
TRBV18*01

688 sequences assigned
470 (68.3%) exact matches, in which:
396 unique CDR3
13 unique J



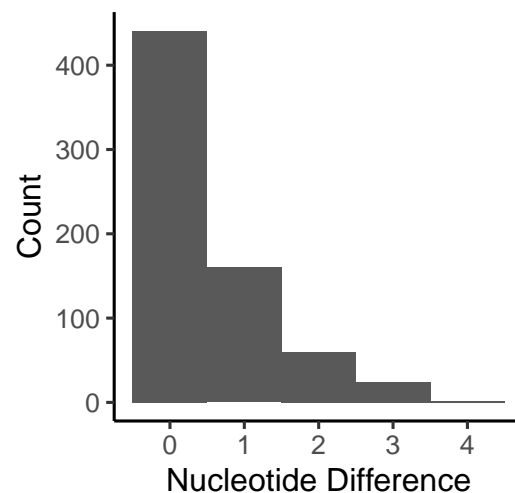
TRBV27*01

1140 sequences assigned
771 (67.6%) exact matches, in which:
730 unique CDR3
13 unique J



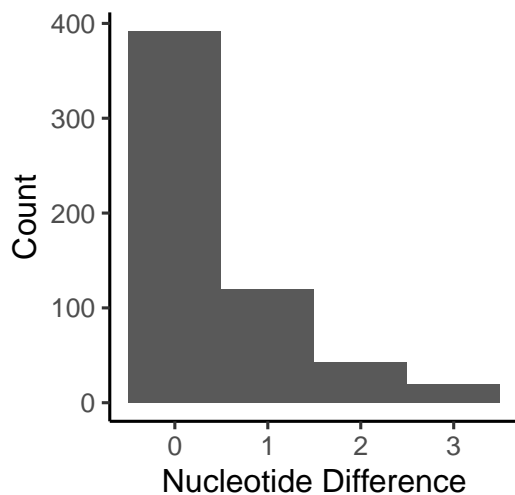
TRBV9*01

687 sequences assigned
441 (64.2%) exact matches, in which:
410 unique CDR3
13 unique J



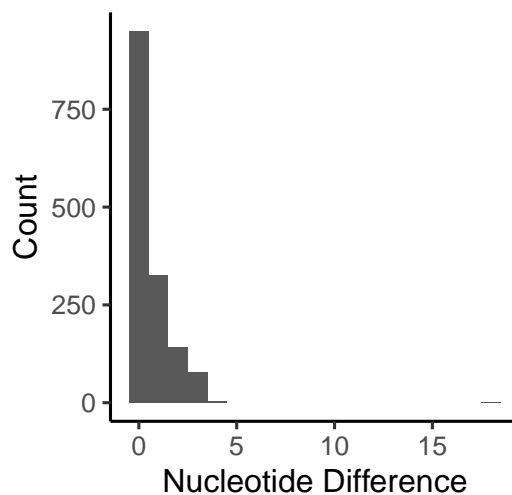
TRBV19*01

575 sequences assigned
392 (68.2%) exact matches, in which:
365 unique CDR3
13 unique J



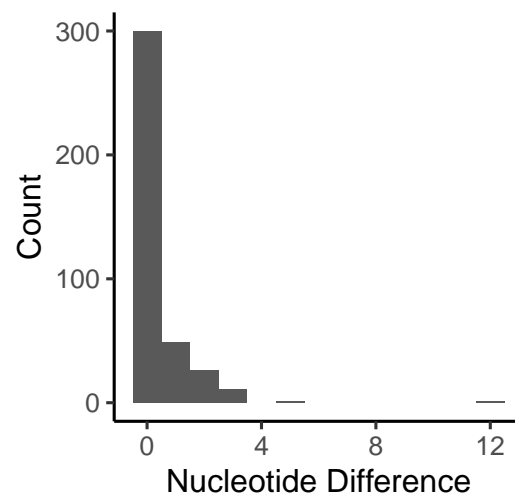
TRBV28*01

1503 sequences assigned
950 (63.2%) exact matches, in which:
889 unique CDR3
13 unique J



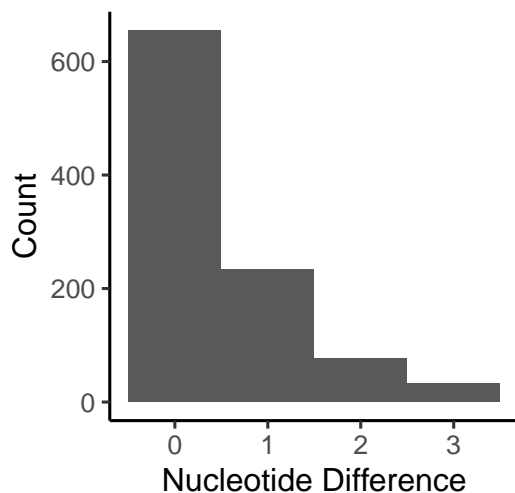
TRBV21-1*01

388 sequences assigned
300 (77.3%) exact matches, in which:
278 unique CDR3
13 unique J



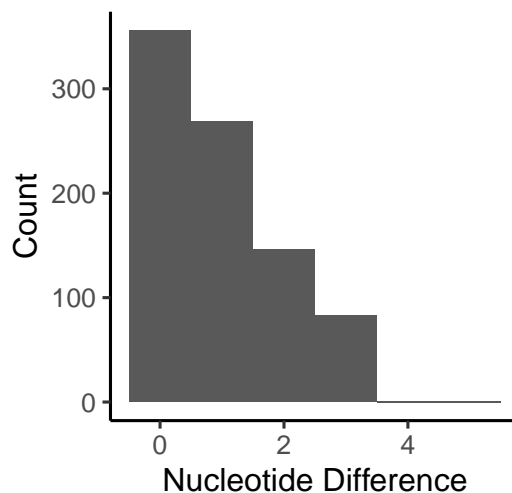
TRBV2*01

998 sequences assigned
655 (65.6%) exact matches, in which:
604 unique CDR3
13 unique J



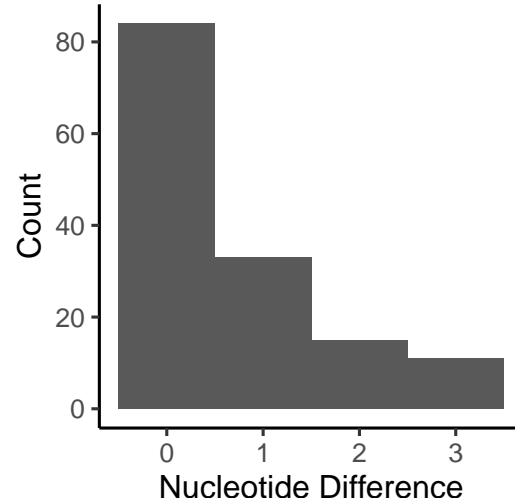
TRBV30*01

856 sequences assigned
356 (41.6%) exact matches, in which:
293 unique CDR3
13 unique J



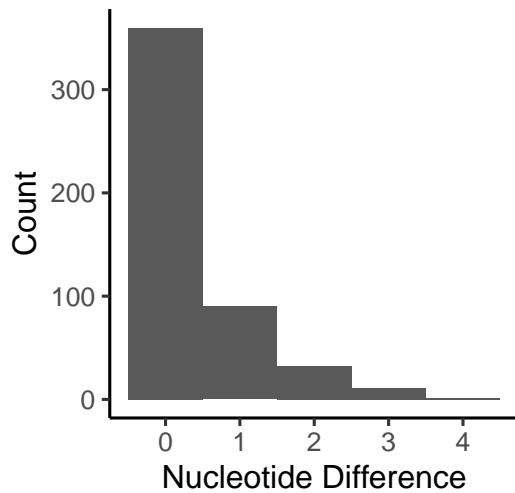
TRBV11-1*01

143 sequences assigned
84 (58.7%) exact matches, in which:
78 unique CDR3
10 unique J



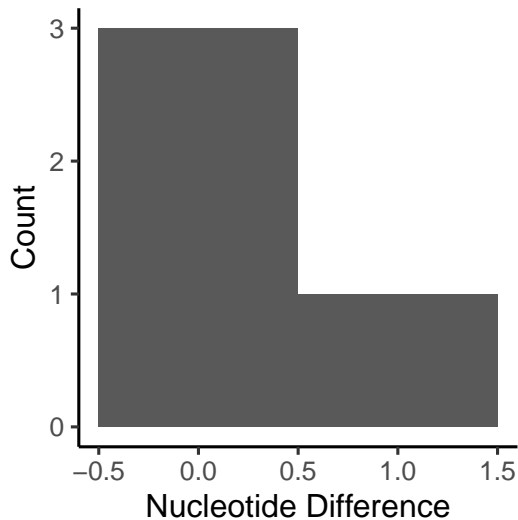
TRBV11-2*01

494 sequences assigned
360 (72.9%) exact matches, in which:
328 unique CDR3
13 unique J



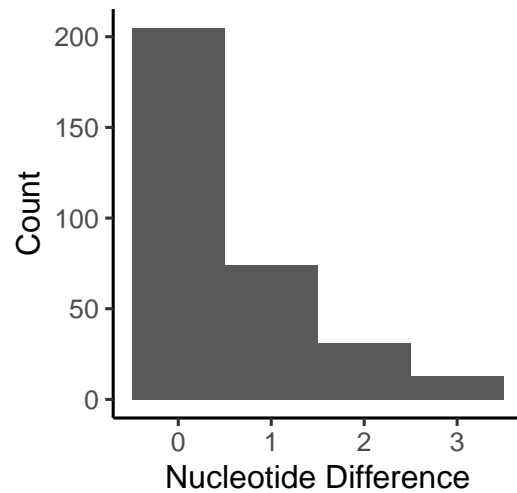
TRBV12-1*01_C165A

4 sequences assigned
3 (75%) exact matches, in which:
3 unique CDR3
2 unique J



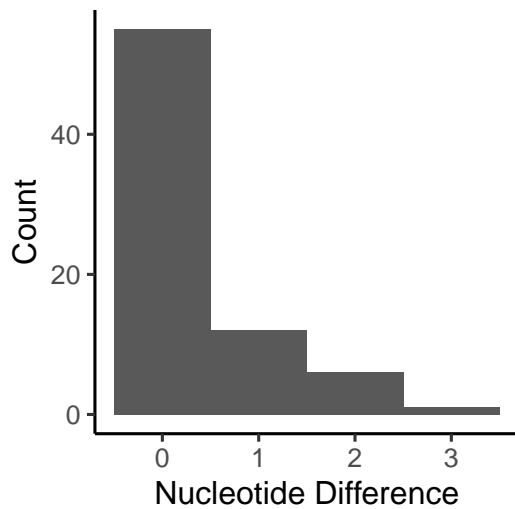
TRBV12-4*01

323 sequences assigned
205 (63.5%) exact matches, in which:
189 unique CDR3
13 unique J



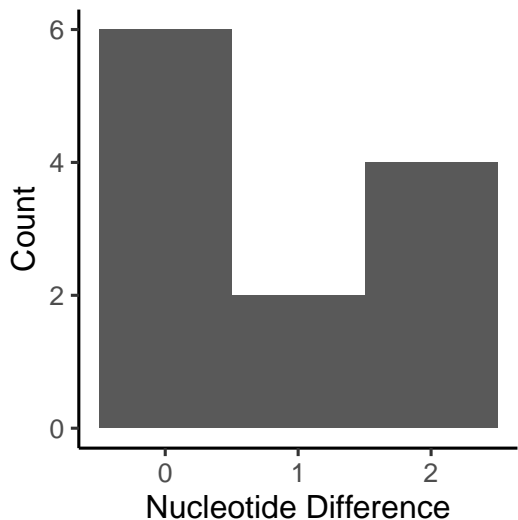
TRBV11-3*01

74 sequences assigned
55 (74.3%) exact matches, in which:
55 unique CDR3
11 unique J



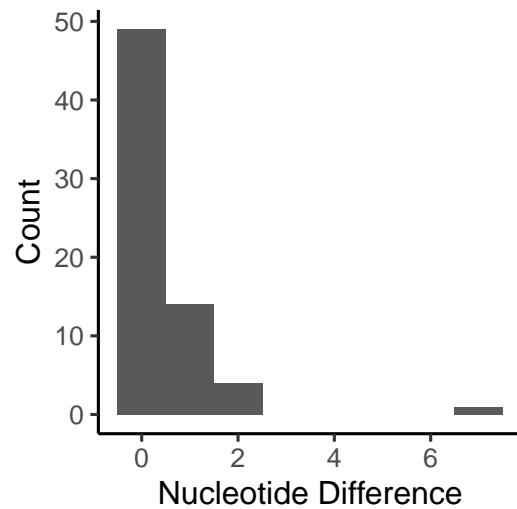
TRBV12-2*01

12 sequences assigned
6 (50%) exact matches, in which:
6 unique CDR3
5 unique J



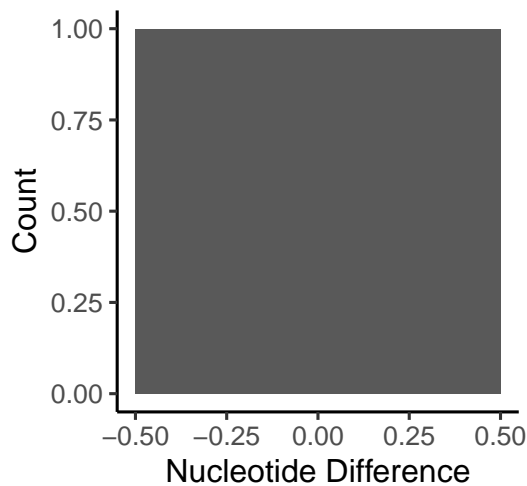
TRBV12-5*01_C28G

68 sequences assigned
49 (72.1%) exact matches, in which:
47 unique CDR3
11 unique J



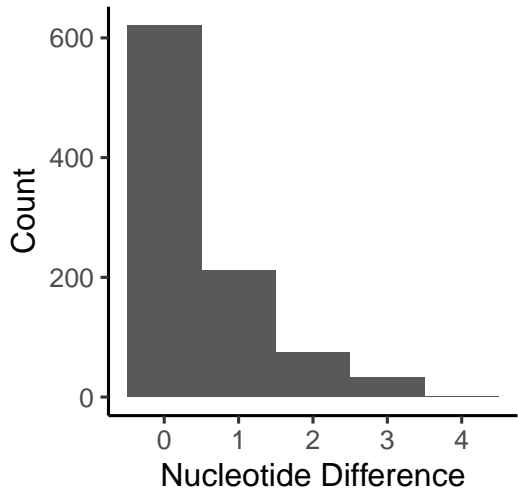
TRBV12-1*01

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



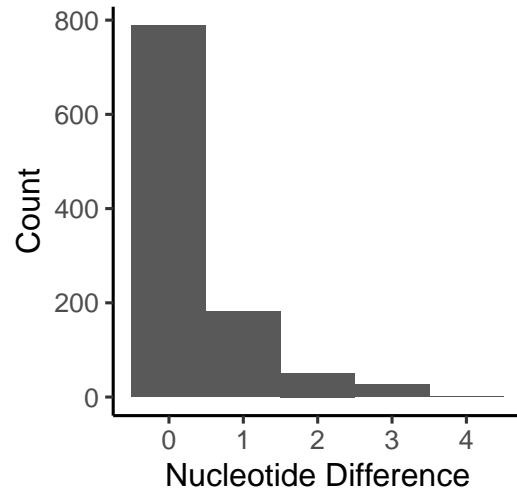
TRBV12-3*01

941 sequences assigned
621 (66%) exact matches, in which:
590 unique CDR3
13 unique J



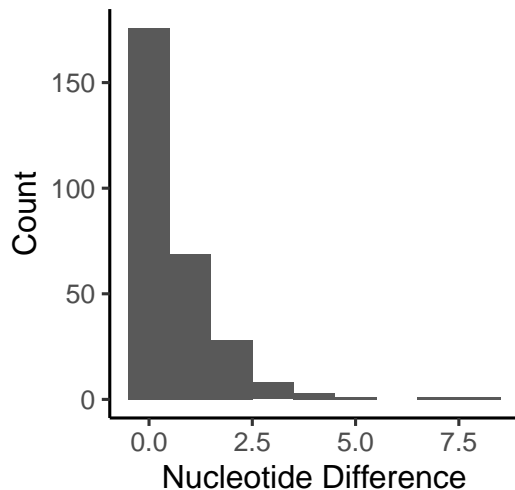
TRBV3-1*01

1049 sequences assigned
789 (75.2%) exact matches, in which:
754 unique CDR3
13 unique J



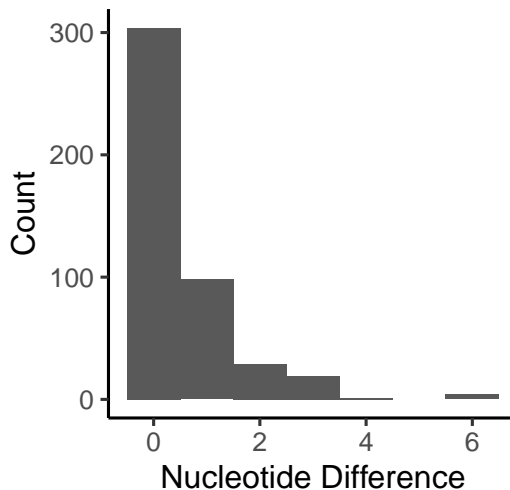
TRBV23-1*01

287 sequences assigned
176 (61.3%) exact matches, in which:
155 unique CDR3
13 unique J



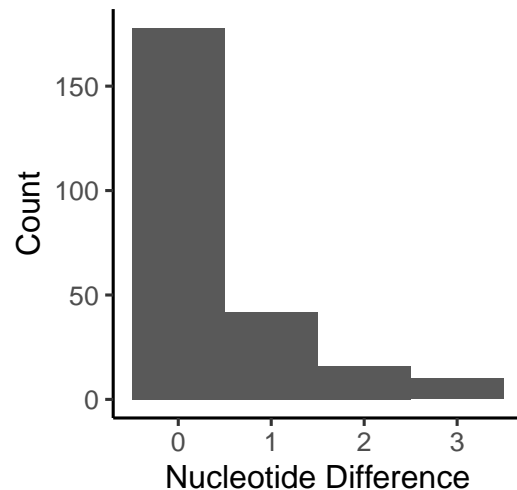
TRBV24-1*01

455 sequences assigned
304 (66.8%) exact matches, in which:
287 unique CDR3
13 unique J



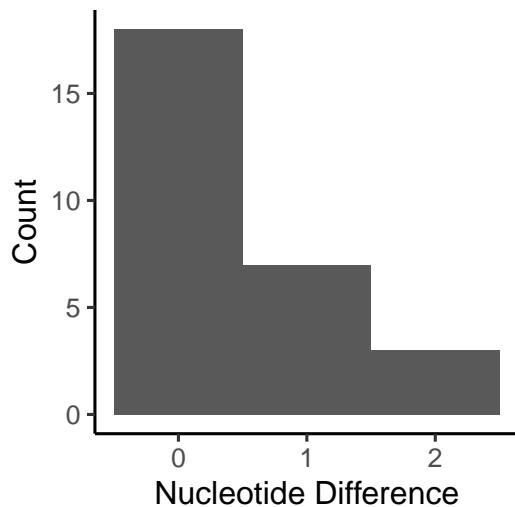
TRBV25-1*01

246 sequences assigned
178 (72.4%) exact matches, in which:
162 unique CDR3
13 unique J



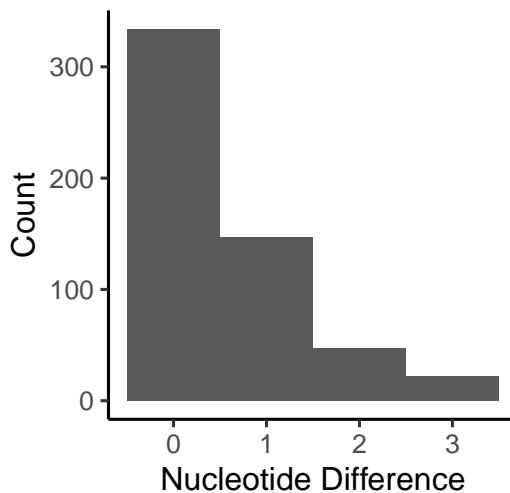
TRBV3-2*02

28 sequences assigned
18 (64.3%) exact matches, in which:
17 unique CDR3
7 unique J



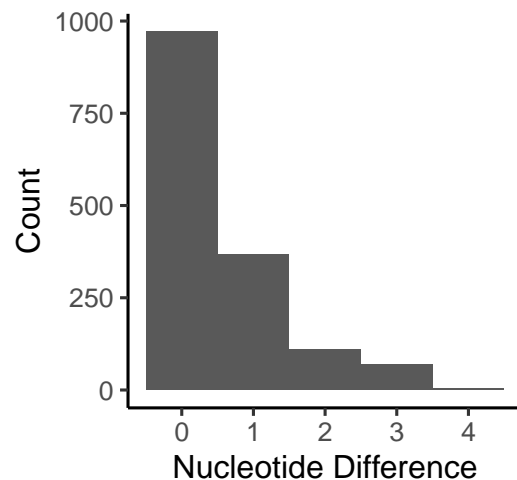
TRBV4-2*01

551 sequences assigned
334 (60.6%) exact matches, in which:
305 unique CDR3
13 unique J



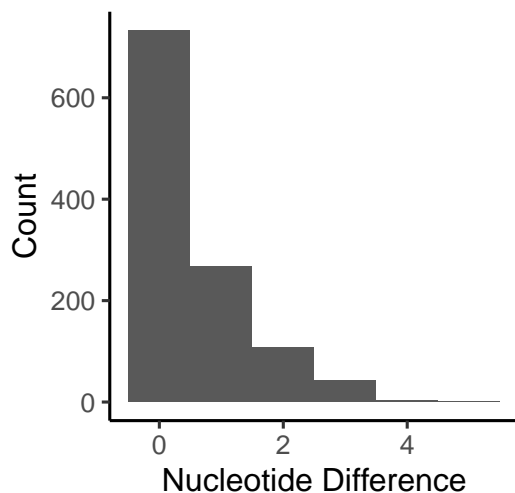
TRBV5-1*01

1522 sequences assigned
971 (63.8%) exact matches, in which:
926 unique CDR3
13 unique J



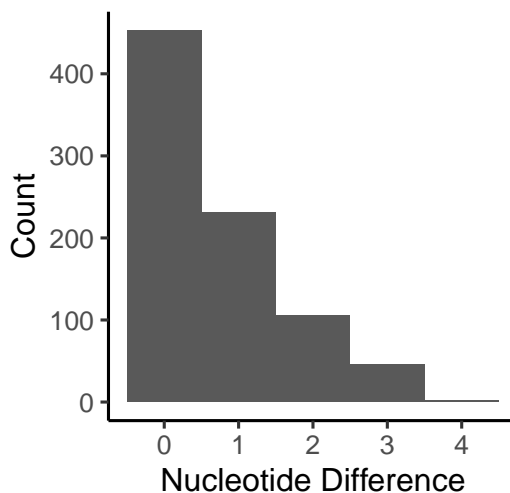
TRBV4-1*01

1154 sequences assigned
733 (63.5%) exact matches, in which:
622 unique CDR3
13 unique J



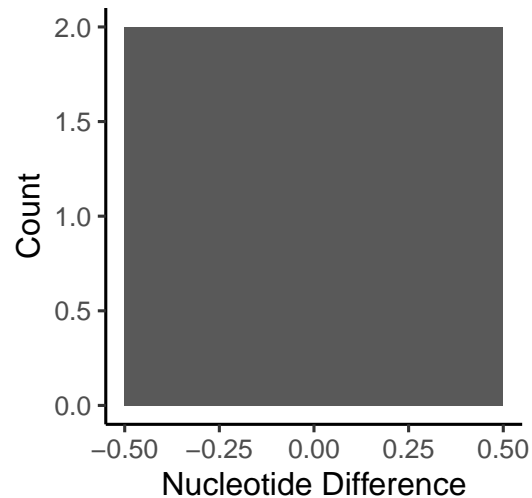
TRBV4-3*01

838 sequences assigned
453 (54.1%) exact matches, in which:
336 unique CDR3
13 unique J



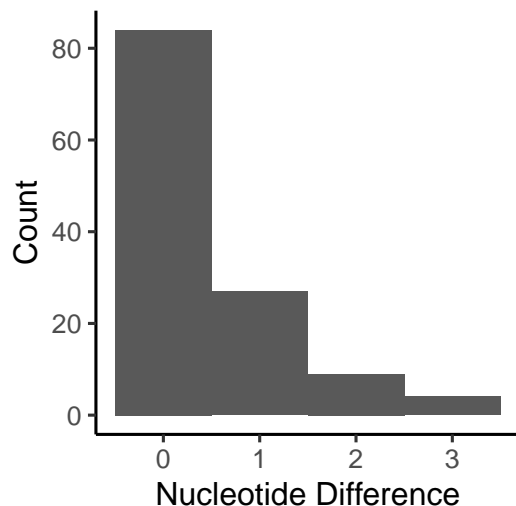
TRBV5-3*01

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



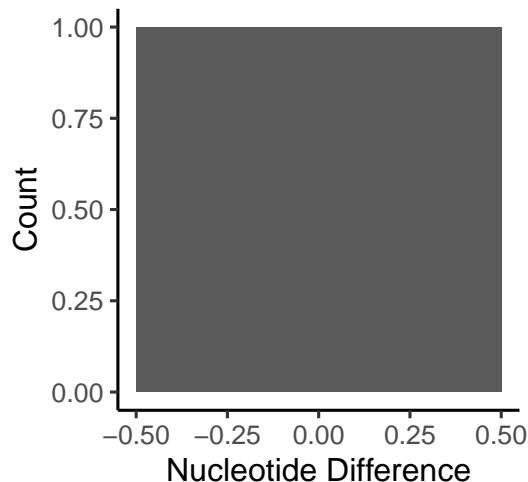
TRBV5-4*01

125 sequences assigned
84 (67.2%) exact matches, in which:
76 unique CDR3
12 unique J



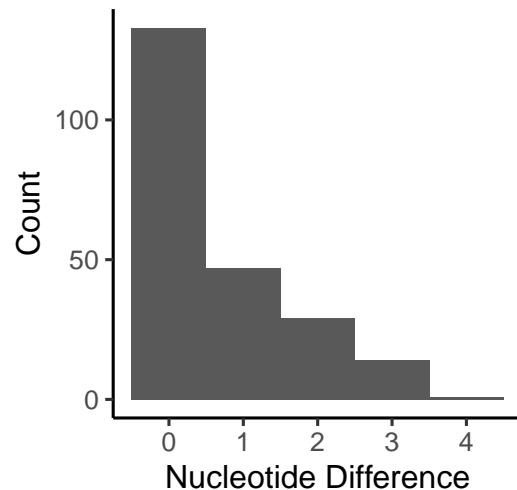
TRBV5-7*01

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



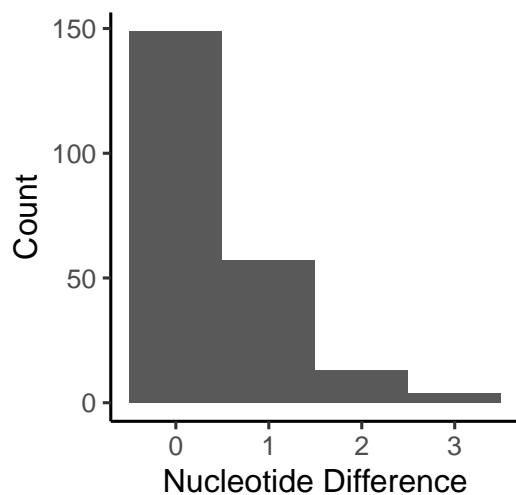
TRBV6-4*01

224 sequences assigned
133 (59.4%) exact matches, in which:
113 unique CDR3
13 unique J



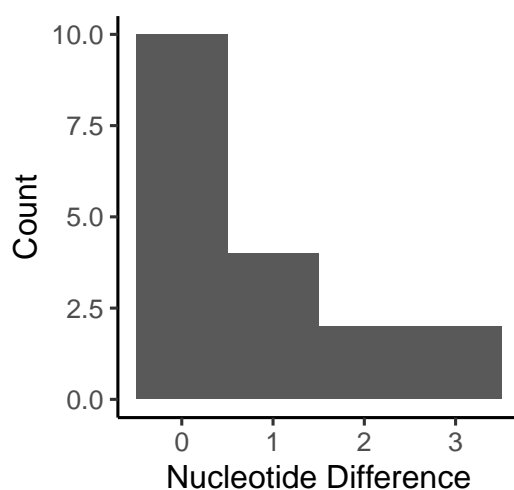
TRBV5-5*02_322TTGG3

223 sequences assigned
149 (66.8%) exact matches, in which:
142 unique CDR3
12 unique J



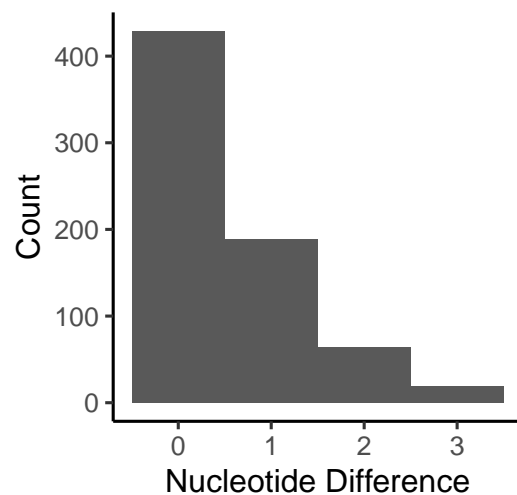
TRBV5-8*01

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



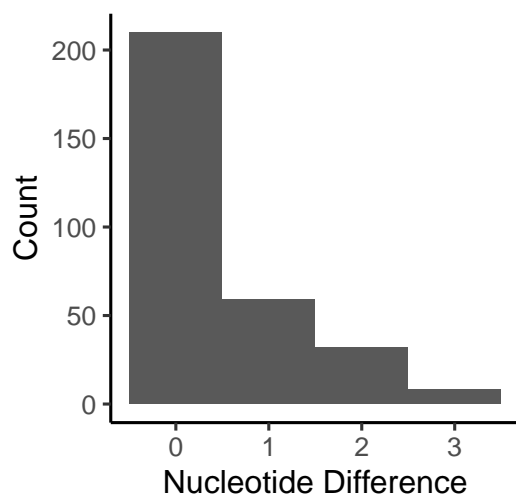
TRBV6-5*01

701 sequences assigned
429 (61.2%) exact matches, in which:
409 unique CDR3
13 unique J



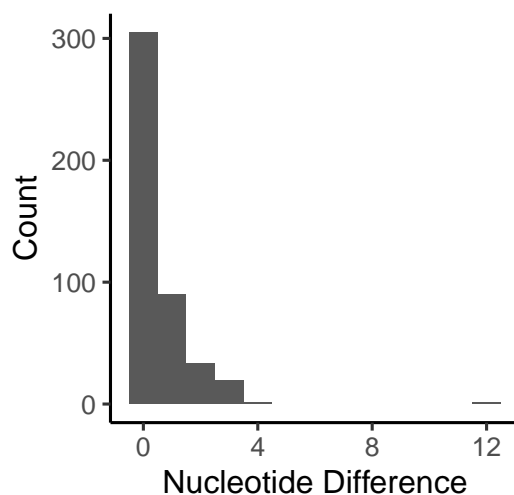
TRBV5-6*01

309 sequences assigned
210 (68%) exact matches, in which:
206 unique CDR3
12 unique J



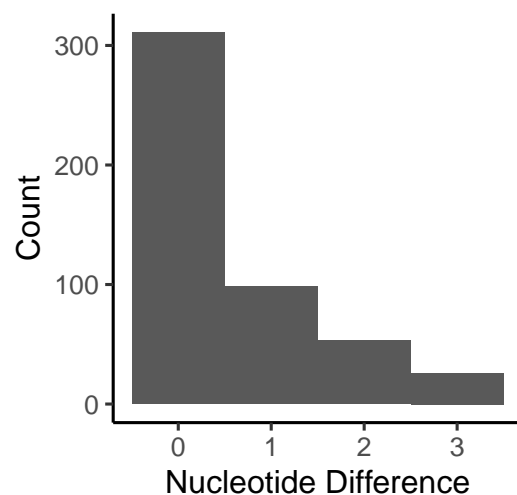
TRBV6-1*01

450 sequences assigned
305 (67.8%) exact matches, in which:
297 unique CDR3
13 unique J



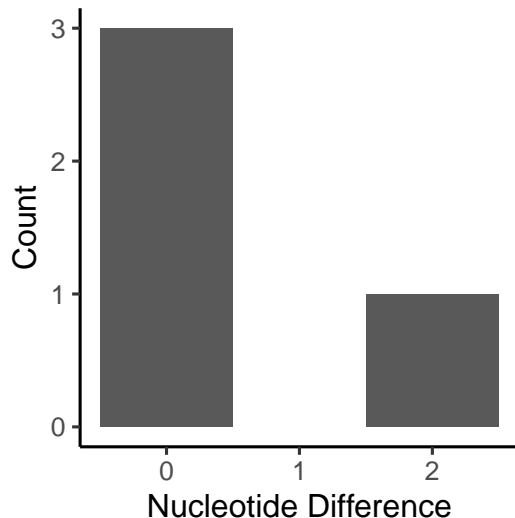
TRBV6-6*01

488 sequences assigned
311 (63.7%) exact matches, in which:
278 unique CDR3
13 unique J



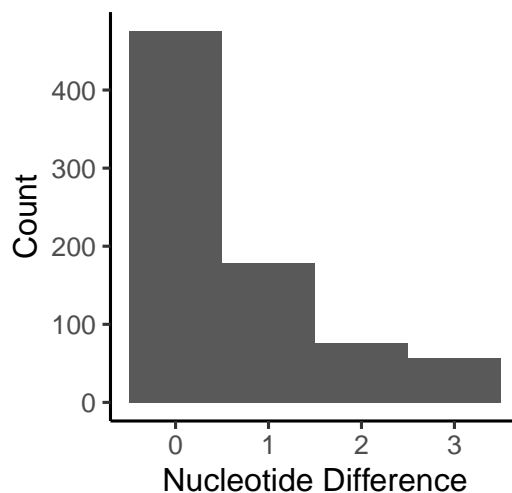
TRBV6-7*01

4 sequences assigned
3 (75%) exact matches, in which:
3 unique CDR3
3 unique J



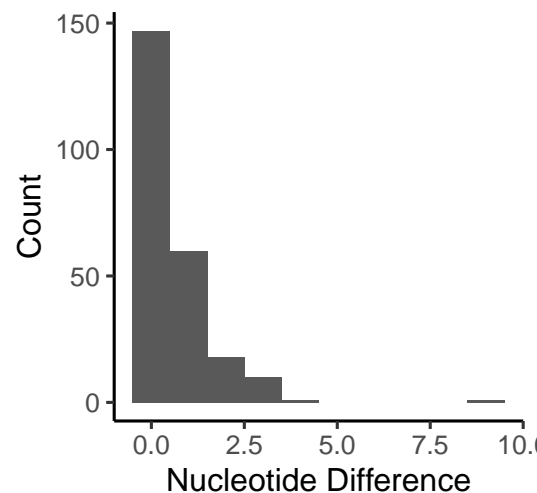
TRBV6-23*01

787 sequences assigned
476 (60.5%) exact matches, in which:
443 unique CDR3
13 unique J



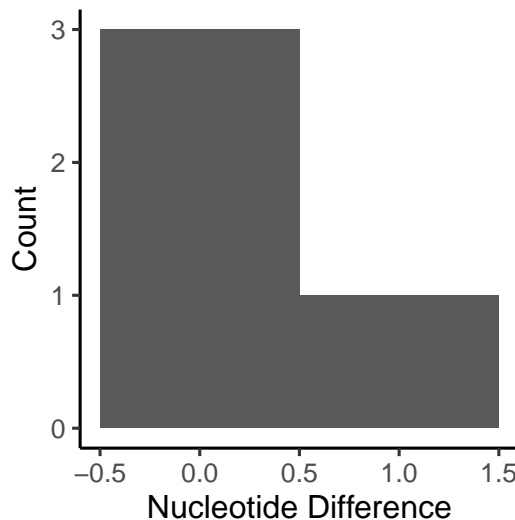
TRBV7-2*02

237 sequences assigned
147 (62%) exact matches, in which:
140 unique CDR3
13 unique J



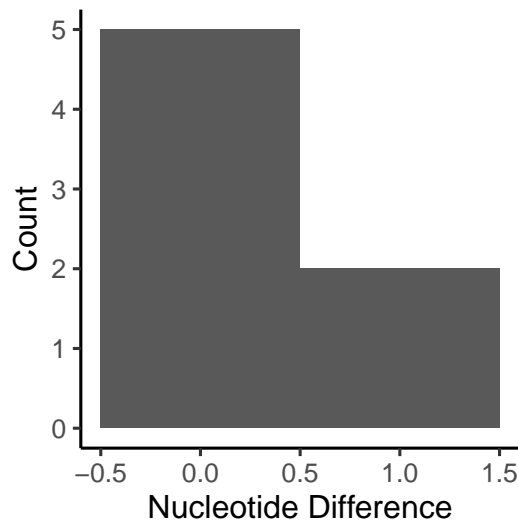
TRBV6-8*01

4 sequences assigned
3 (75%) exact matches, in which:
3 unique CDR3
3 unique J



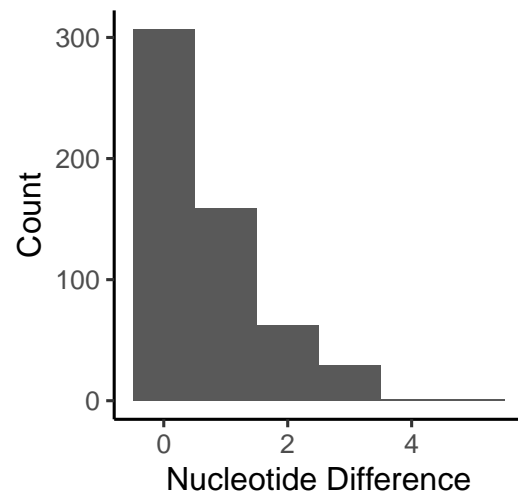
TRBV7-1*01

7 sequences assigned
5 (71.4%) exact matches, in which:
5 unique CDR3
4 unique J



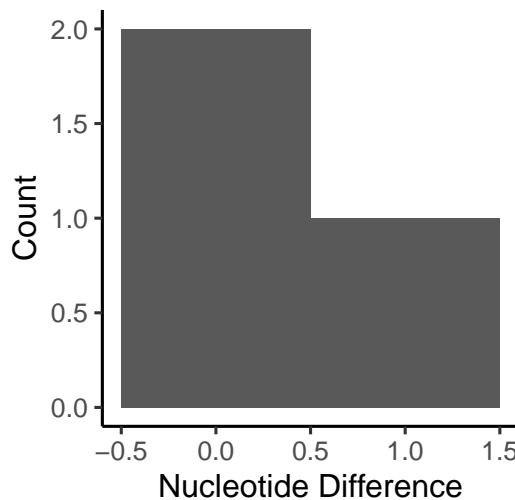
TRBV7-3*01

560 sequences assigned
307 (54.8%) exact matches, in which:
267 unique CDR3
13 unique J



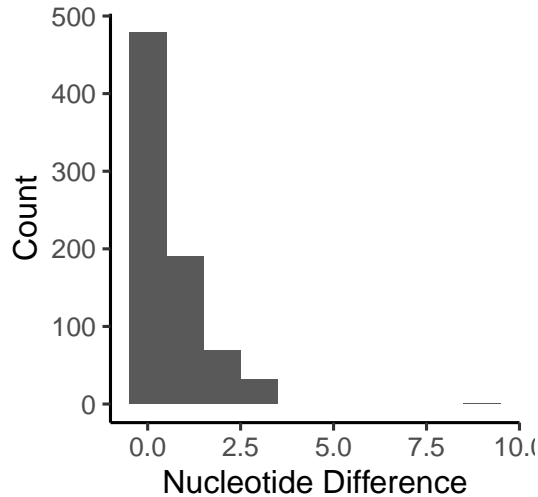
TRBV6-9*01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
2 unique J



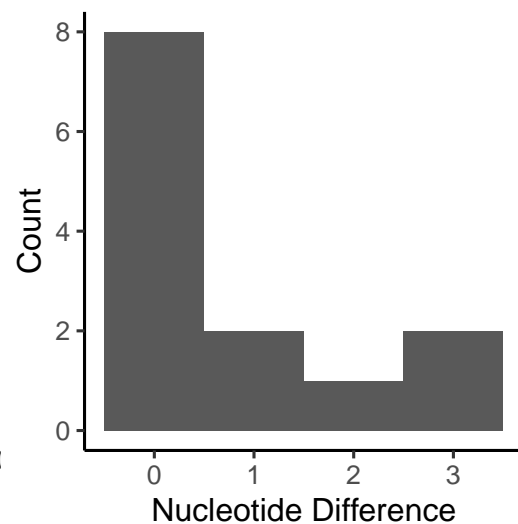
TRBV7-2*01

772 sequences assigned
479 (62%) exact matches, in which:
461 unique CDR3
13 unique J



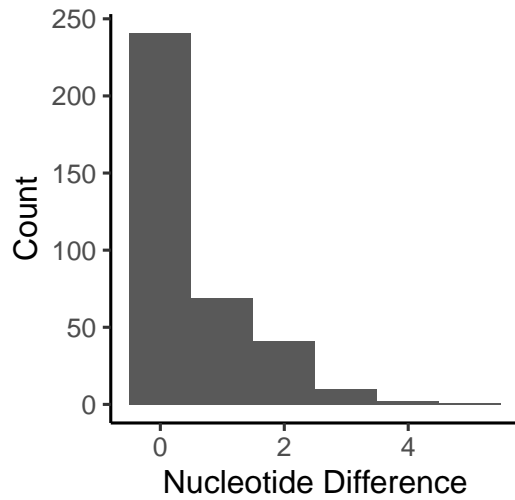
TRBV7-4*01

13 sequences assigned
8 (61.5%) exact matches, in which:
7 unique CDR3
4 unique J



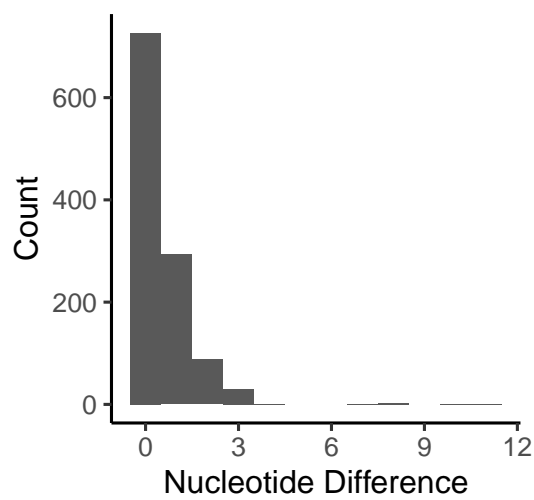
TRBV7-6*01

364 sequences assigned
241 (66.2%) exact matches, in which:
221 unique CDR3
13 unique J



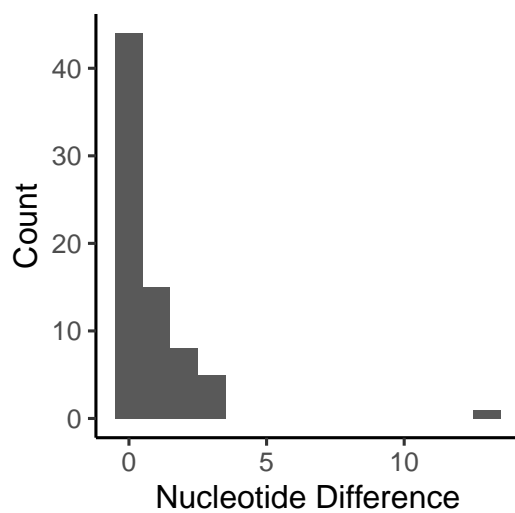
TRBV7-9*03

1145 sequences assigned
727 (63.5%) exact matches, in which:
690 unique CDR3
13 unique J



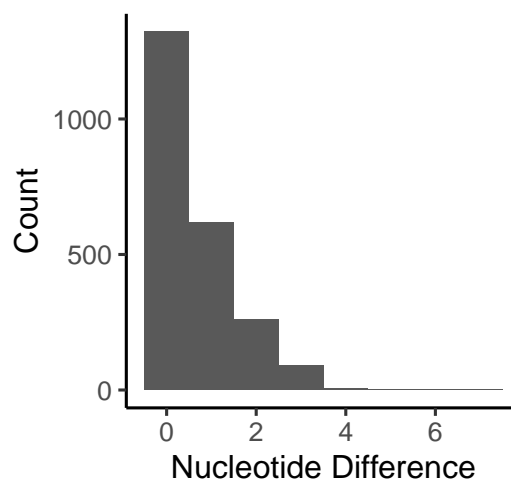
TRBV7-7*01

73 sequences assigned
44 (60.3%) exact matches, in which:
41 unique CDR3
9 unique J



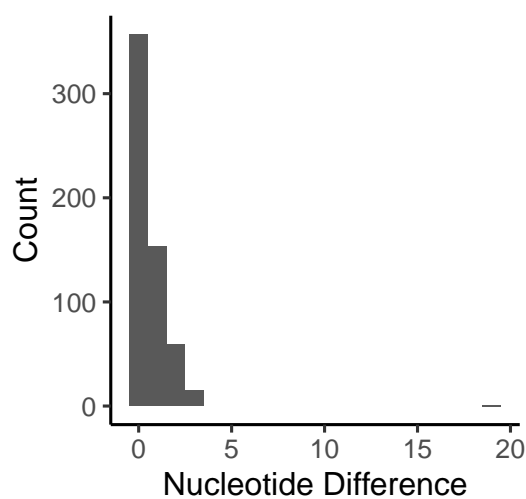
TRBV29-1*01

2302 sequences assigned
1322 (57.4%) exact matches, in which:
1203 unique CDR3
13 unique J

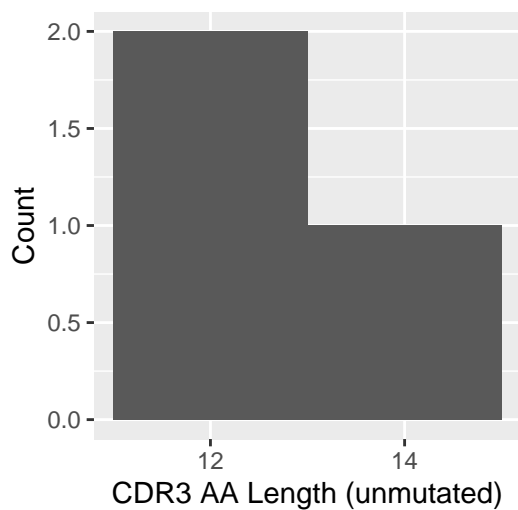


TRBV7-8*01

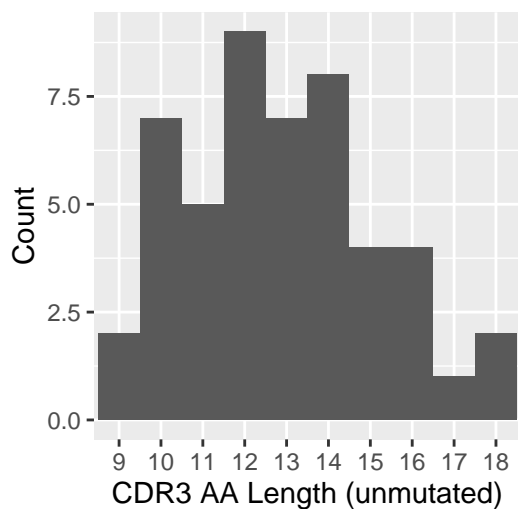
585 sequences assigned
357 (61%) exact matches, in which:
306 unique CDR3
13 unique J



TRBV12-1*01_C165A



TRBV12-5*01_C28G



TRBV5-5*02_322TTGG325

