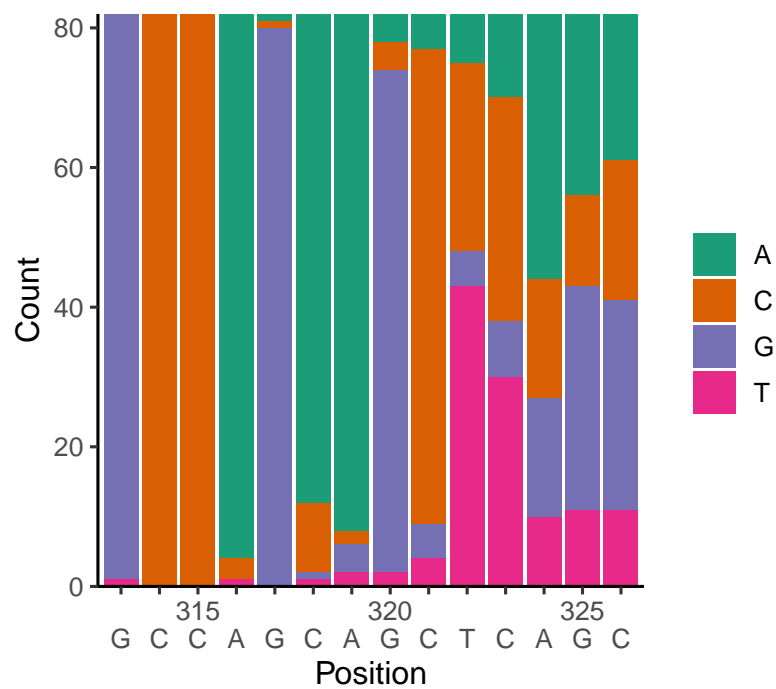
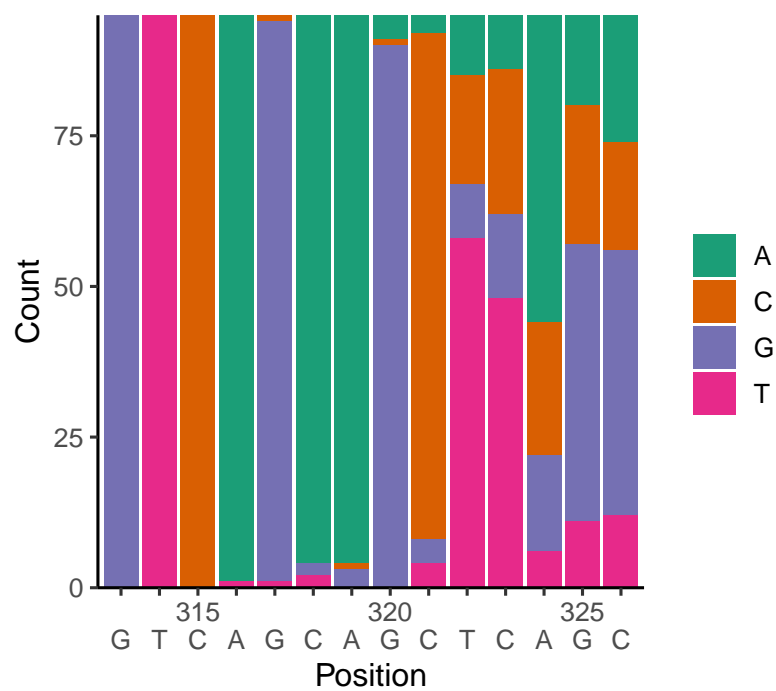


Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-1*ap01_G291C_T296C_C314T



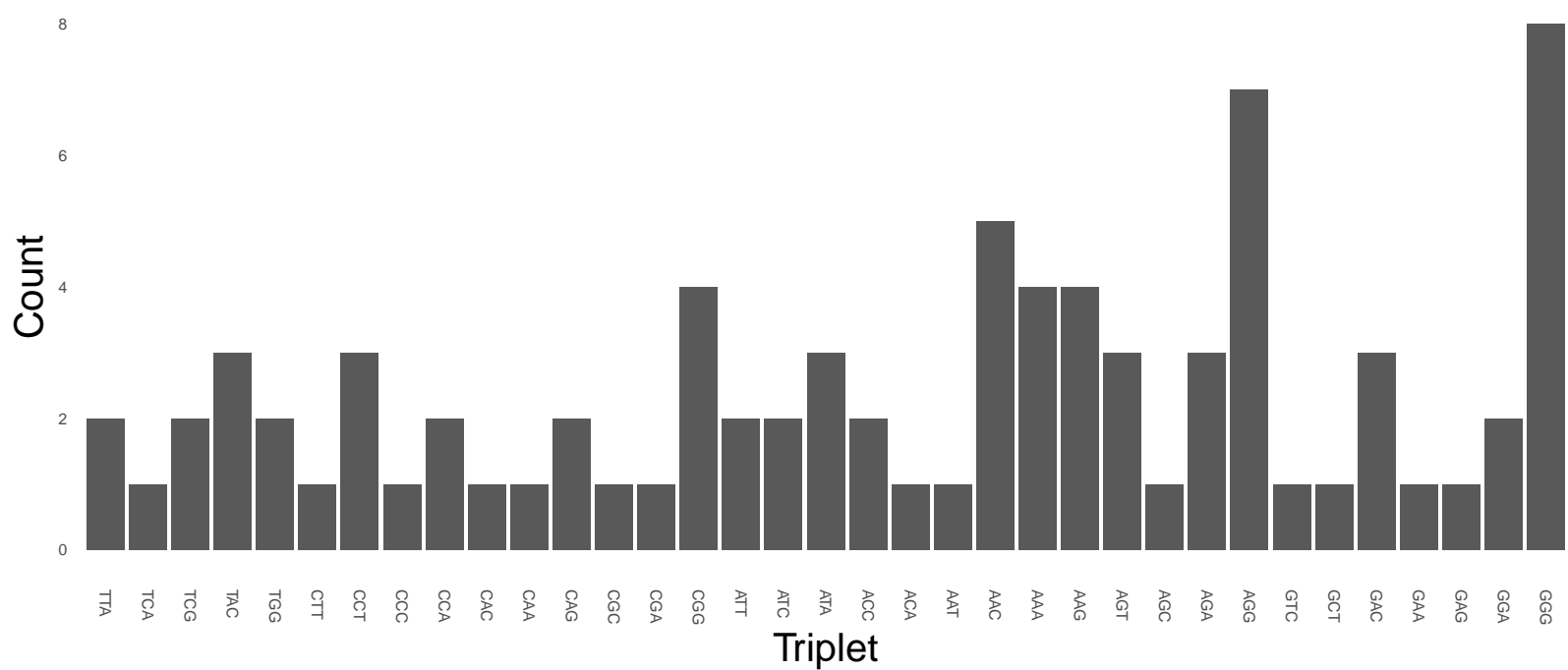
Gene TRBV7-1*ap01_G291C_T296C



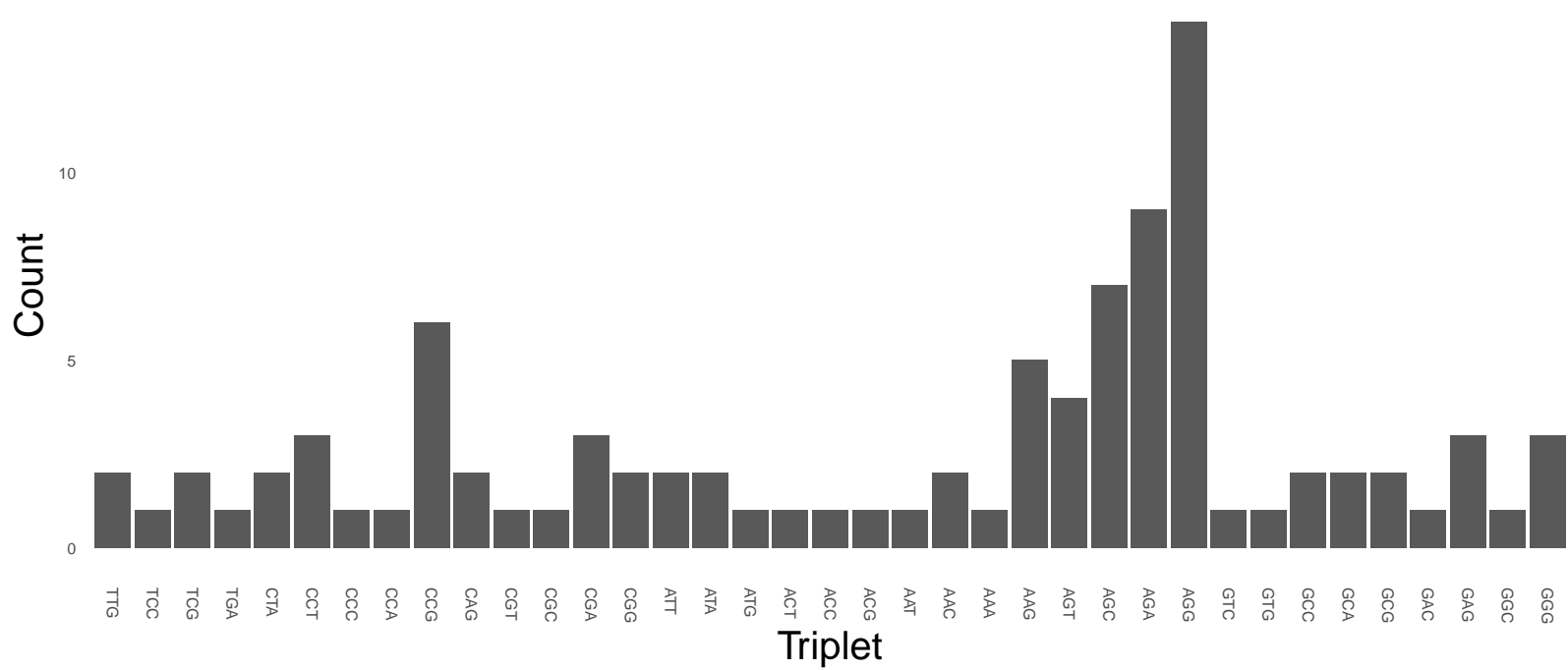
Gene TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet

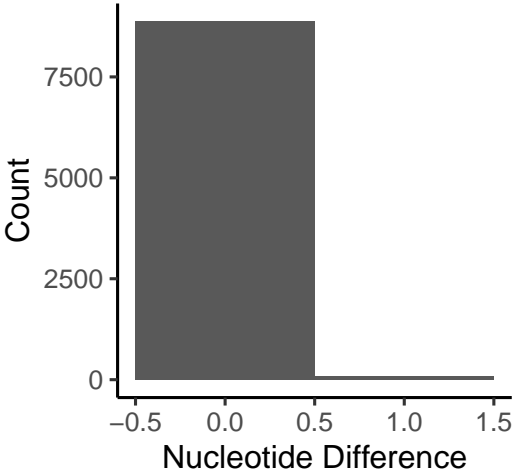


TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



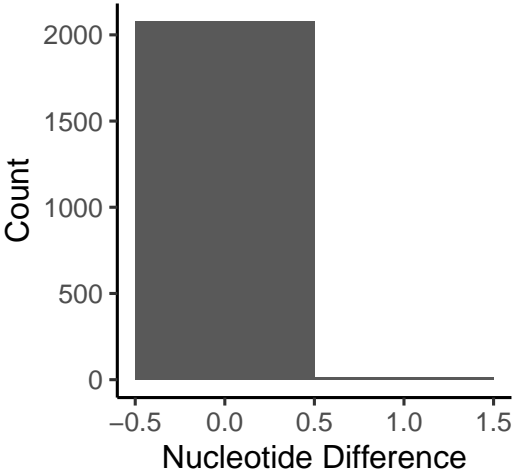
TRBV20-1*ap01

8974 sequences assigned
8875 (98.9%) exact matches, in which:
8752 unique CDR3
13 unique J



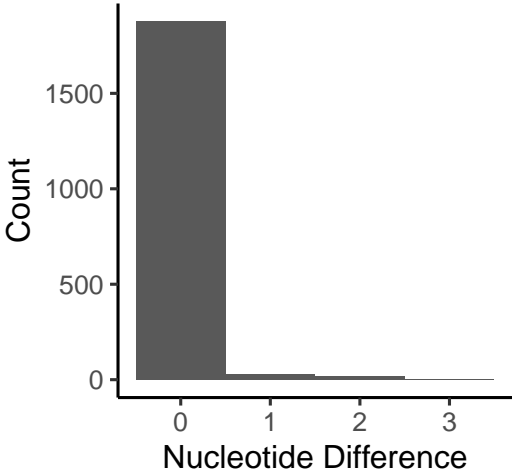
TRBV10-2*ap01

2091 sequences assigned
2078 (99.4%) exact matches, in which:
2036 unique CDR3
13 unique J



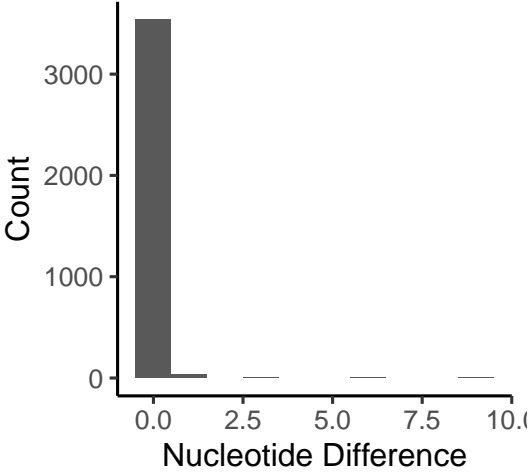
TRBV13*ap01

1924 sequences assigned
1877 (97.6%) exact matches, in which:
1839 unique CDR3
13 unique J



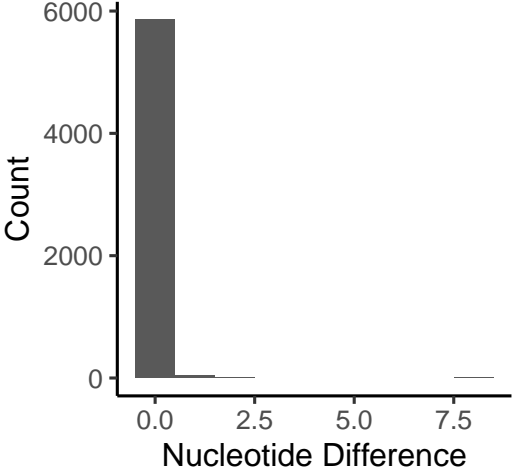
TRBV10-1*ap01

3573 sequences assigned
3537 (99%) exact matches, in which:
3467 unique CDR3
13 unique J



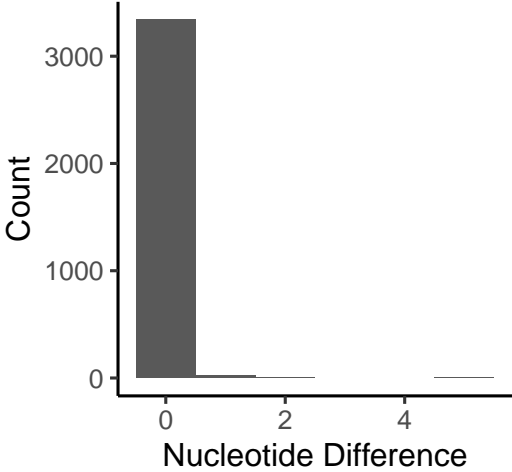
TRBV10-3*ap01

5910 sequences assigned
5858 (99.1%) exact matches, in which:
5748 unique CDR3
13 unique J



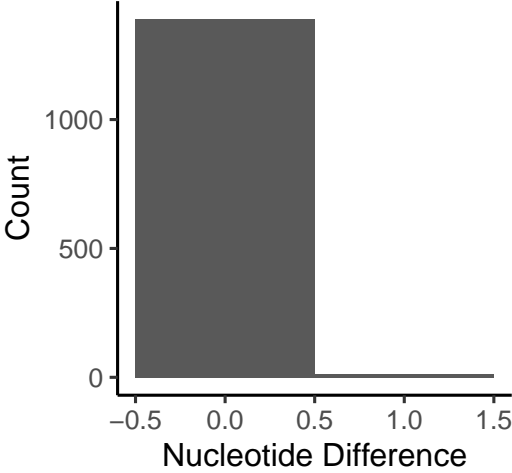
TRBV14*ap01

3365 sequences assigned
3340 (99.3%) exact matches, in which:
3292 unique CDR3
13 unique J



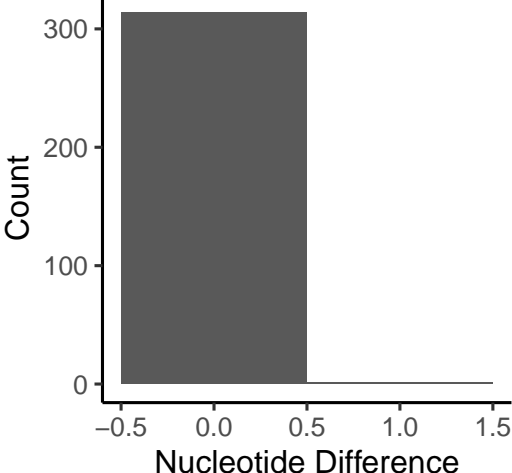
TRBV20-1*ap02

1402 sequences assigned
1390 (99.1%) exact matches, in which:
1377 unique CDR3
13 unique J



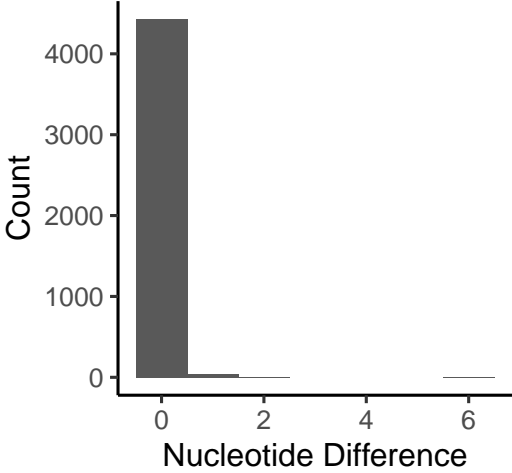
TRBV1*ap01

315 sequences assigned
314 (99.7%) exact matches, in which:
307 unique CDR3
13 unique J



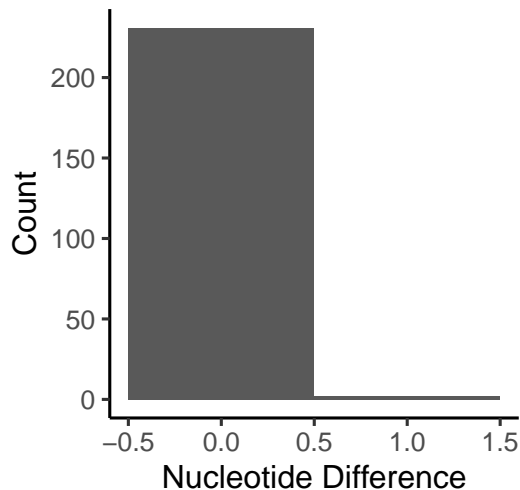
TRBV15*ap02

4477 sequences assigned
4430 (99%) exact matches, in which:
4348 unique CDR3
13 unique J



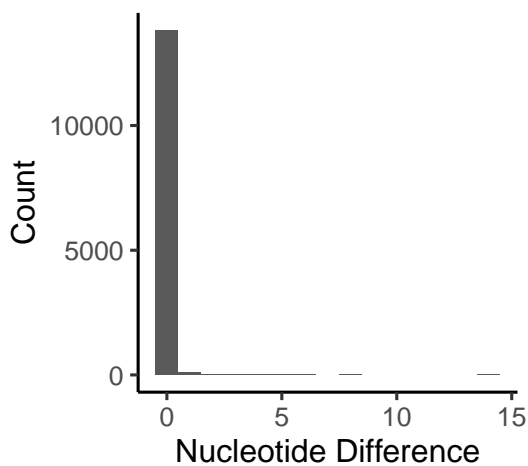
TRBV16*ap01

233 sequences assigned
231 (99.1%) exact matches, in which:
227 unique CDR3
13 unique J



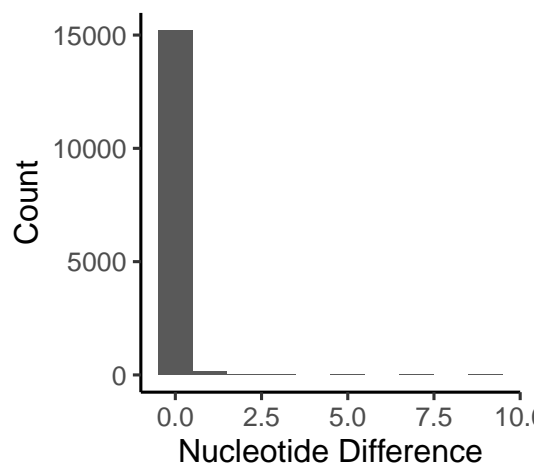
TRBV19*ap01

13934 sequences assigned
13824 (99.2%) exact matches, in which:
13712 unique CDR3
13 unique J



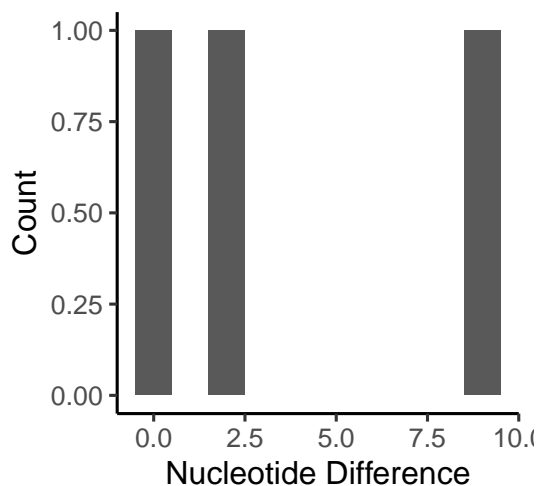
TRBV27*ap01

15399 sequences assigned
15217 (98.8%) exact matches, in which:
14908 unique CDR3
13 unique J



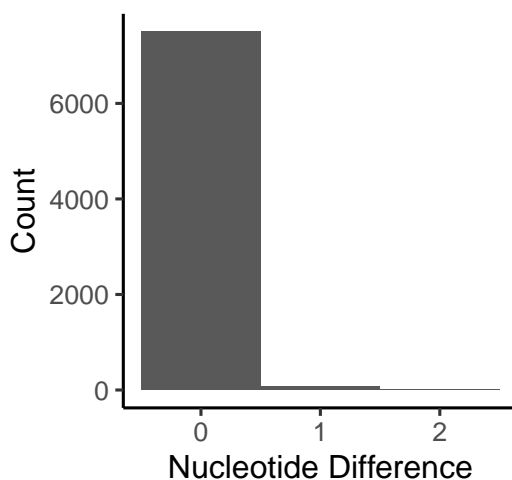
TRBV17*ap01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



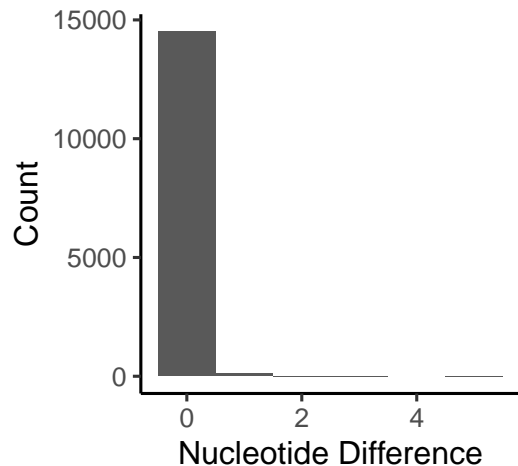
TRBV2*ap01

7586 sequences assigned
7501 (98.9%) exact matches, in which:
7394 unique CDR3
13 unique J



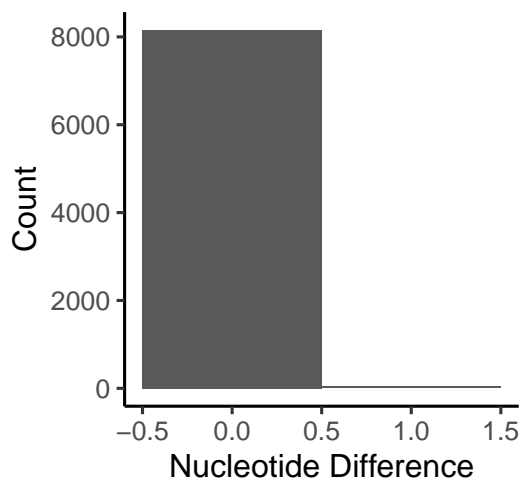
TRBV28*ap01

14645 sequences assigned
14513 (99.1%) exact matches, in which:
14312 unique CDR3
13 unique J



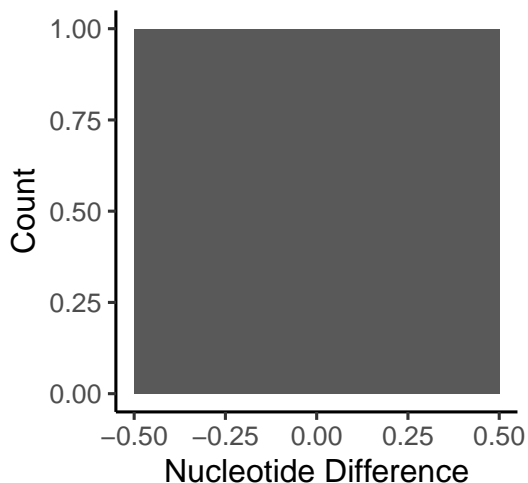
TRBV18*ap01

8195 sequences assigned
8156 (99.5%) exact matches, in which:
8068 unique CDR3
13 unique J



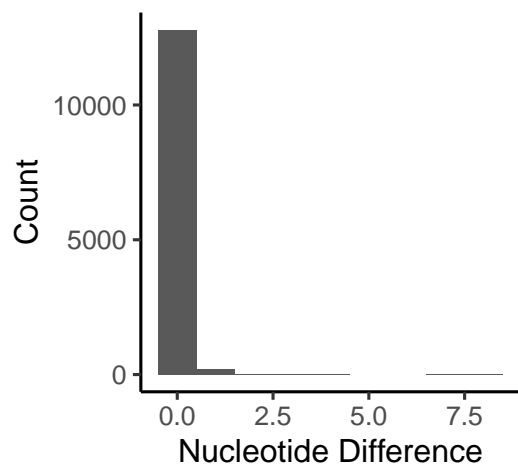
TRBV26*ap01

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



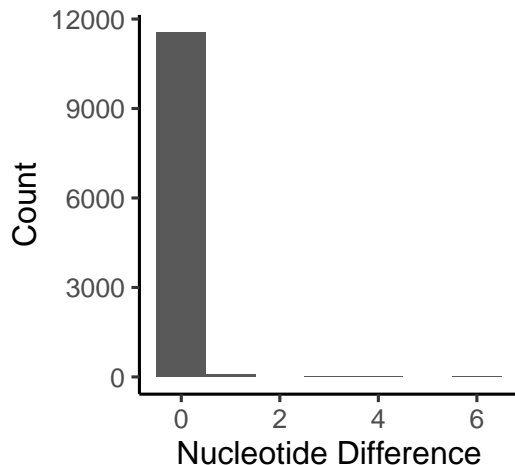
TRBV30*ap01

13008 sequences assigned
12788 (98.3%) exact matches, in which:
12614 unique CDR3
13 unique J



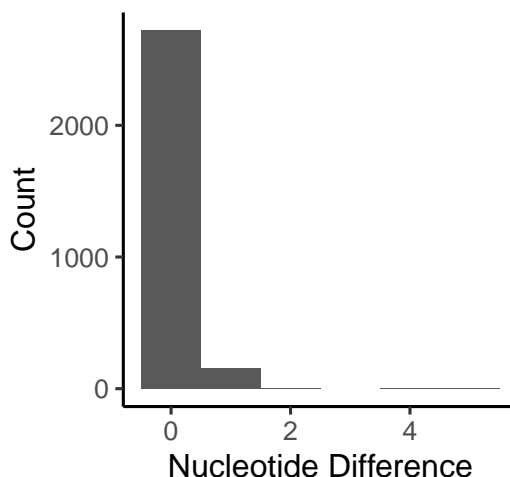
TRBV9*ap01

11664 sequences assigned
11560 (99.1%) exact matches, in which:
11381 unique CDR3
13 unique J



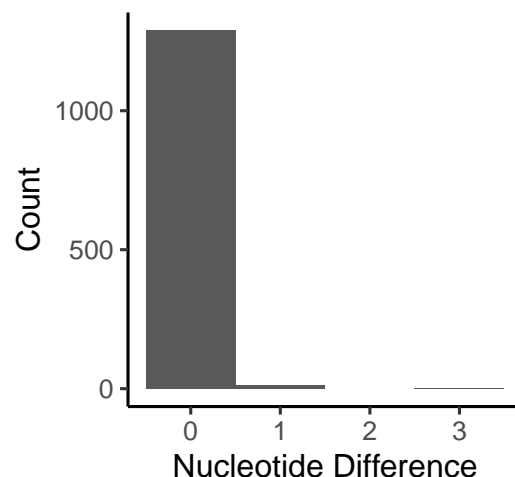
TRBV11-3*ap01

2883 sequences assigned
2721 (94.4%) exact matches, in which:
2685 unique CDR3
13 unique J



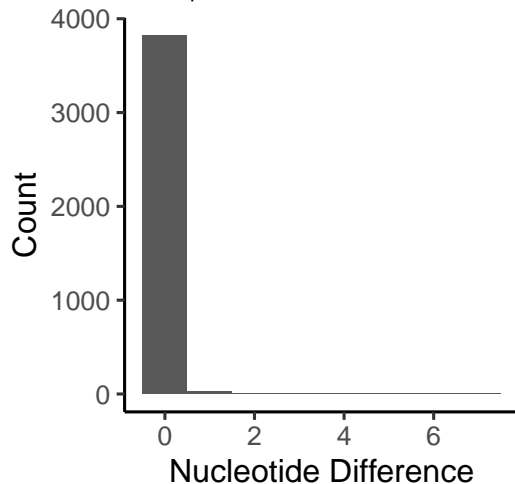
TRBV12-5*ap01

1301 sequences assigned
1289 (99.1%) exact matches, in which:
1276 unique CDR3
13 unique J



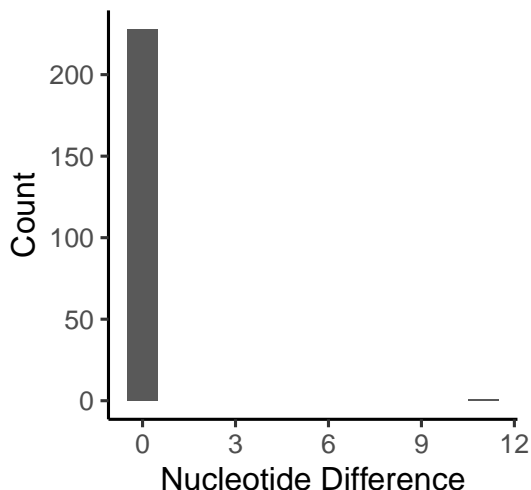
TRBV21-1*ap01

3868 sequences assigned
3819 (98.7%) exact matches, in which:
3776 unique CDR3
13 unique J



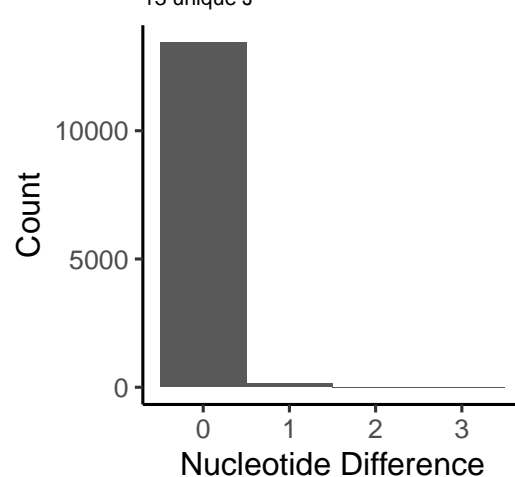
TRBV12-1*ap01

229 sequences assigned
228 (99.6%) exact matches, in which:
225 unique CDR3
13 unique J



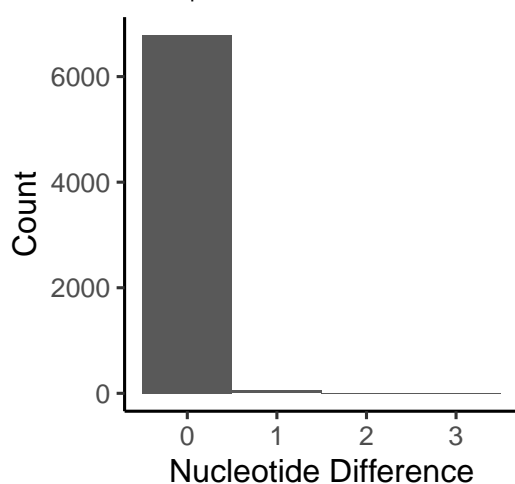
TRBV12-34*ap01

13599 sequences assigned
13441 (98.8%) exact matches, in which:
13262 unique CDR3
13 unique J



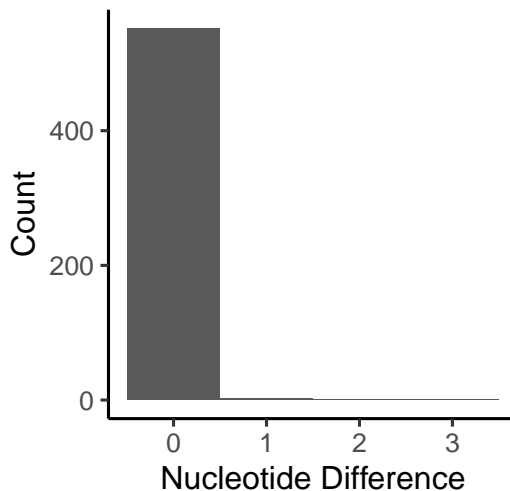
TRBV11-2*ap01

6846 sequences assigned
6787 (99.1%) exact matches, in which:
6663 unique CDR3
13 unique J



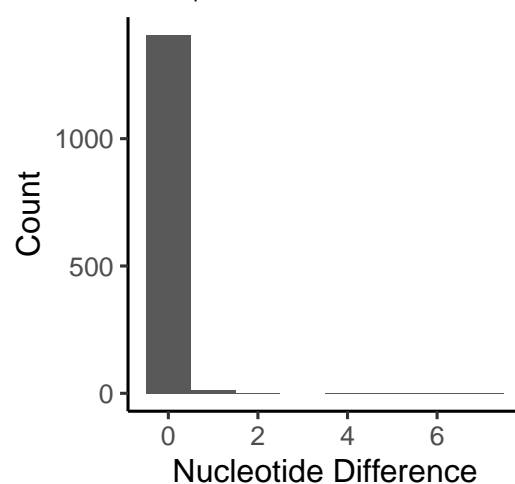
TRBV12-2*ap01

556 sequences assigned
552 (99.3%) exact matches, in which:
544 unique CDR3
13 unique J



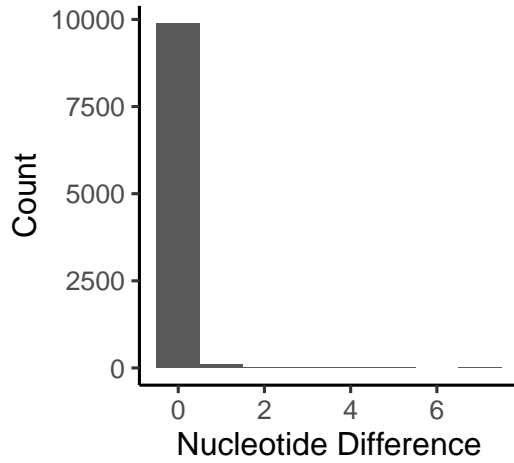
TRBV23-1*ap01

1426 sequences assigned
1407 (98.7%) exact matches, in which:
1395 unique CDR3
13 unique J



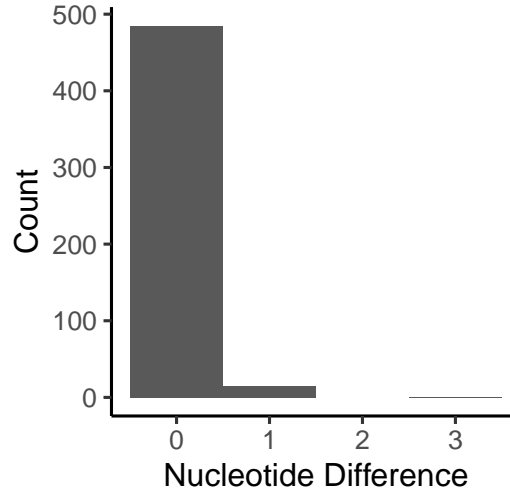
TRBV3-12*ap01

9993 sequences assigned
9894 (99%) exact matches, in which:
9734 unique CDR3
13 unique J



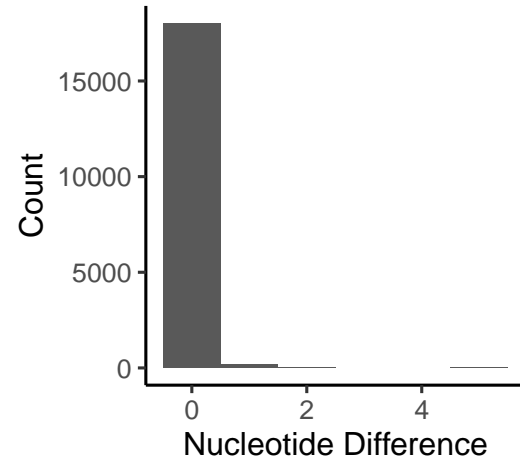
TRBV4-2*ap01

501 sequences assigned
485 (96.8%) exact matches, in which:
480 unique CDR3
13 unique J



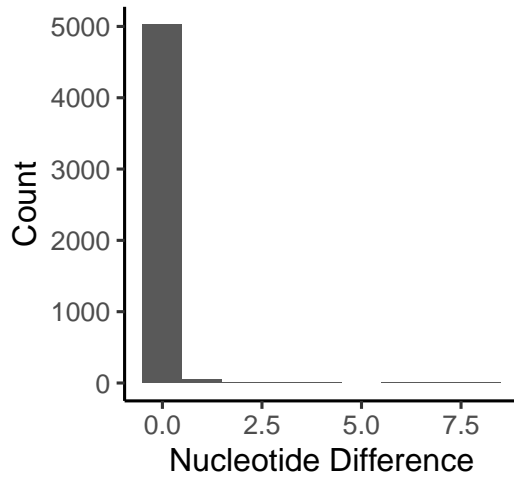
TRBV5-1*ap01

18220 sequences assigned
18022 (98.9%) exact matches, in which:
17657 unique CDR3
13 unique J



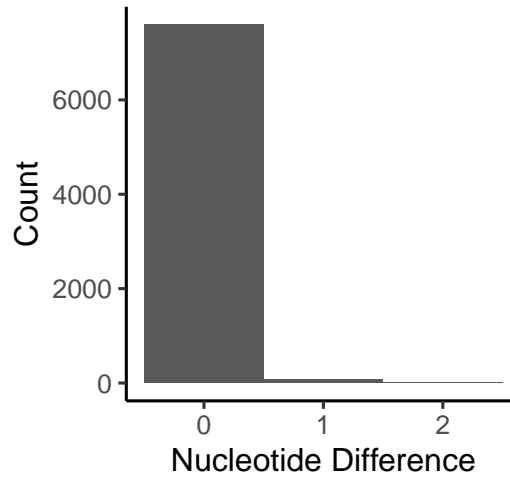
TRBV4-1*ap01

5088 sequences assigned
5024 (98.7%) exact matches, in which:
4940 unique CDR3
13 unique J



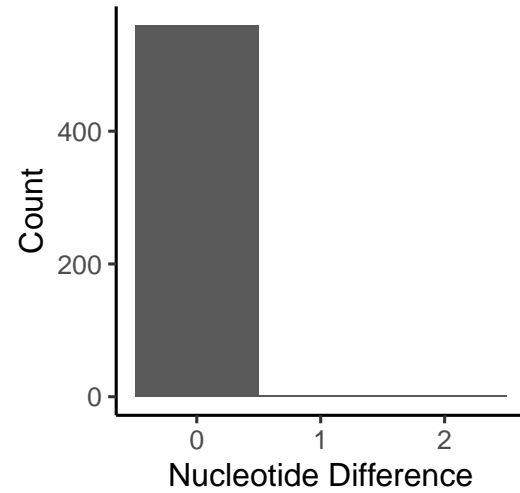
TRBV4-3*ap01

7676 sequences assigned
7593 (98.9%) exact matches, in which:
7464 unique CDR3
13 unique J



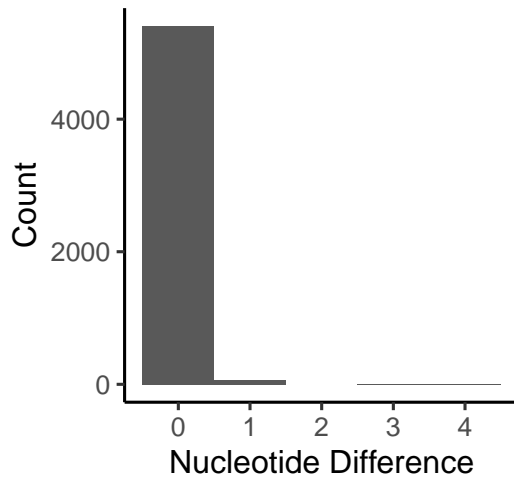
TRBV5-3*ap01

565 sequences assigned
560 (99.1%) exact matches, in which:
552 unique CDR3
13 unique J



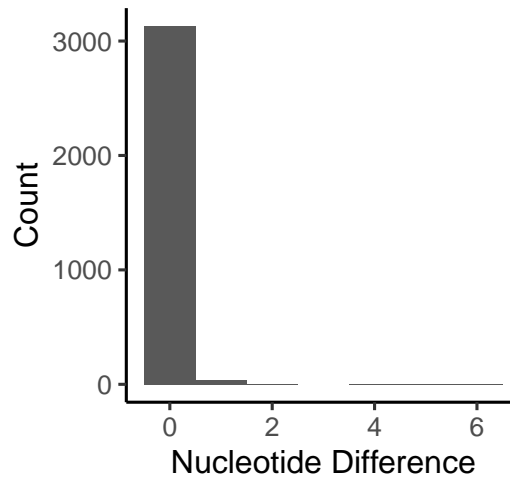
TRBV24-1*ap01

5474 sequences assigned
5405 (98.7%) exact matches, in which:
5335 unique CDR3
13 unique J



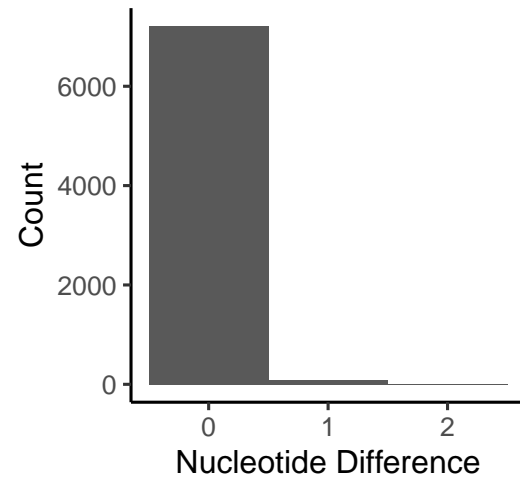
TRBV25-1*ap01

3176 sequences assigned
3131 (98.6%) exact matches, in which:
3063 unique CDR3
13 unique J



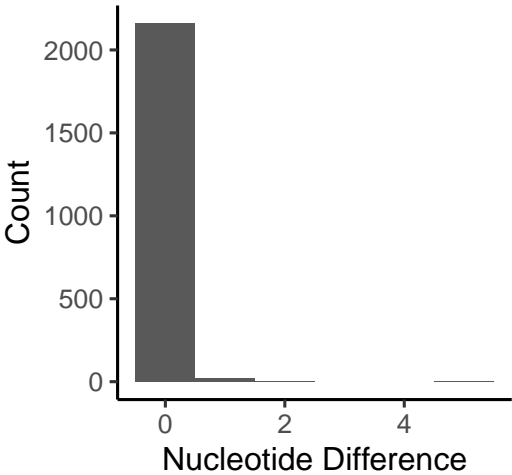
TRBV5-4*ap01

7303 sequences assigned
7212 (98.8%) exact matches, in which:
7070 unique CDR3
13 unique J



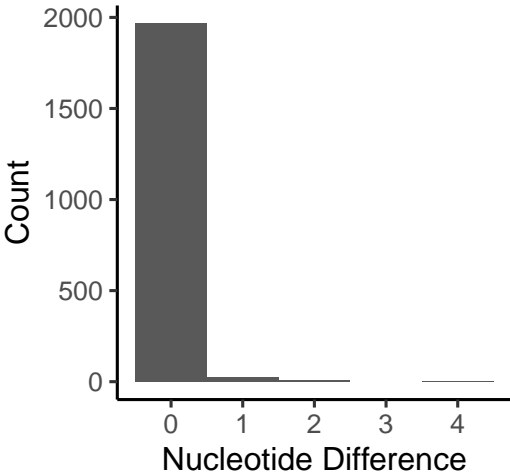
TRBV5-5*ap01

2184 sequences assigned
2160 (98.9%) exact matches, in which:
2139 unique CDR3
13 unique J



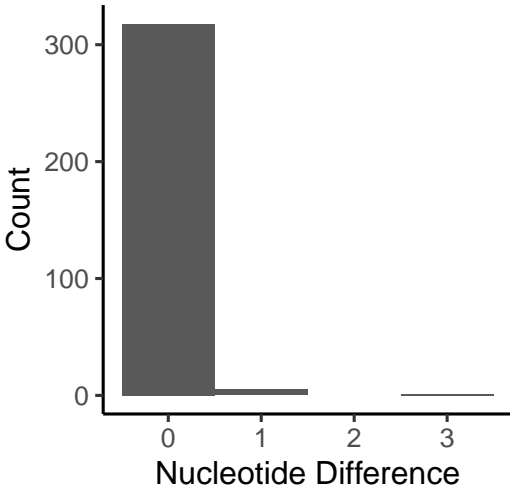
TRBV5-8*ap01

2002 sequences assigned
1967 (98.3%) exact matches, in which:
1943 unique CDR3
13 unique J



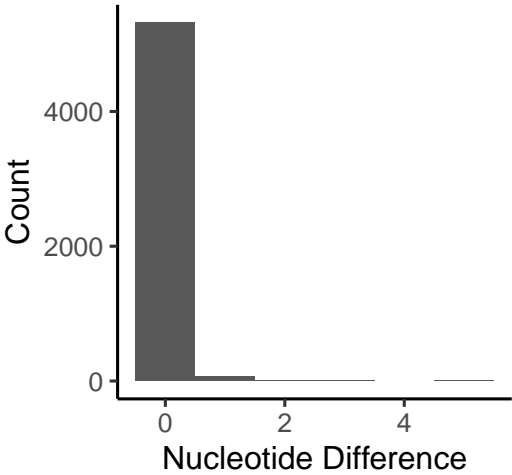
TRBV6-7*ap01

324 sequences assigned
318 (98.1%) exact matches, in which:
309 unique CDR3
13 unique J



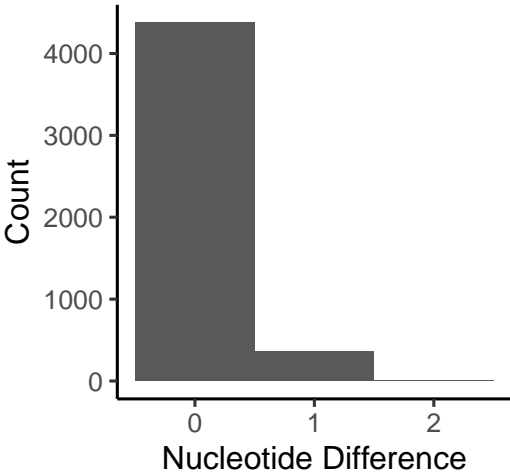
TRBV5-6*ap01

5384 sequences assigned
5317 (98.8%) exact matches, in which:
5193 unique CDR3
13 unique J



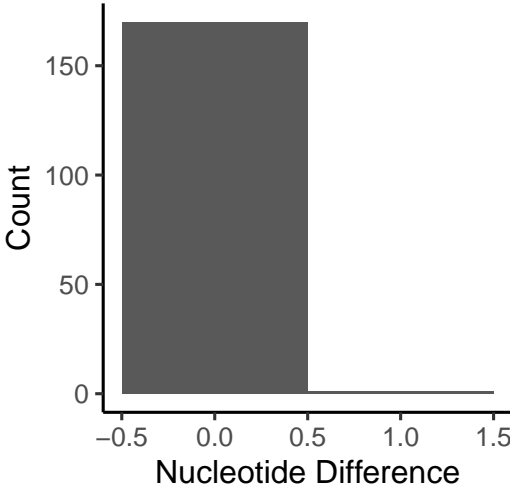
TRBV6-1*ap01

4740 sequences assigned
4376 (92.3%) exact matches, in which:
4292 unique CDR3
13 unique J



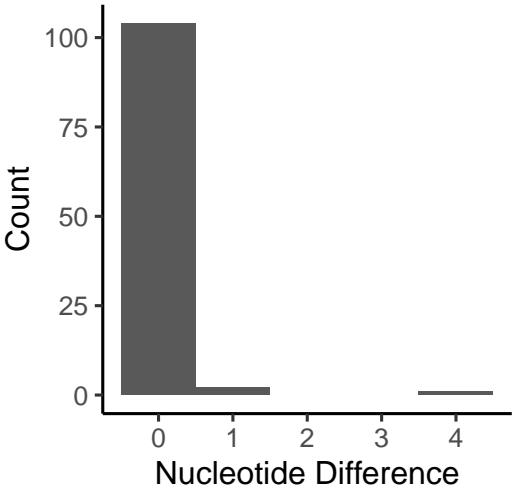
TRBV6-8*ap01

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



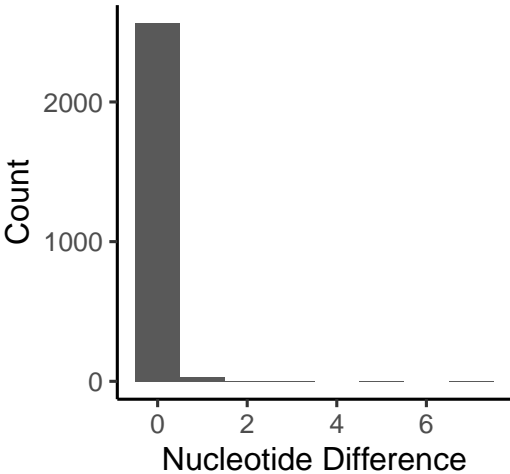
TRBV5-7*ap01

107 sequences assigned
104 (97.2%) exact matches, in which:
104 unique CDR3
13 unique J



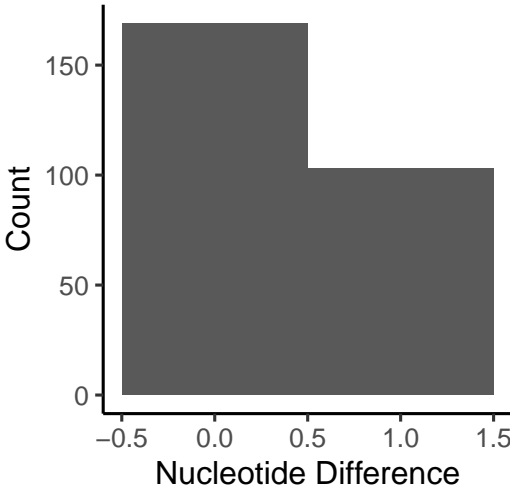
TRBV6-4*ap01

2602 sequences assigned
2565 (98.6%) exact matches, in which:
2531 unique CDR3
13 unique J



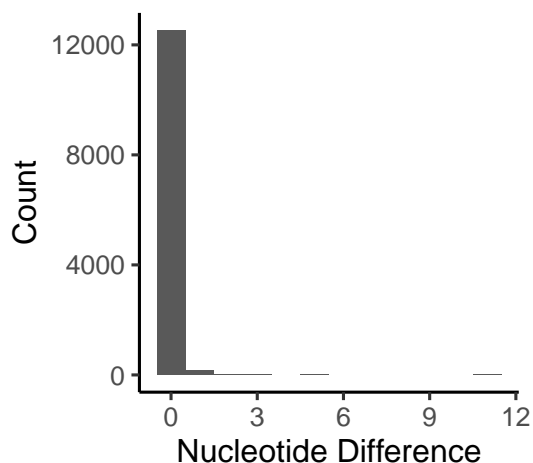
TRBV6-9*ap01

272 sequences assigned
169 (62.1%) exact matches, in which:
165 unique CDR3
13 unique J



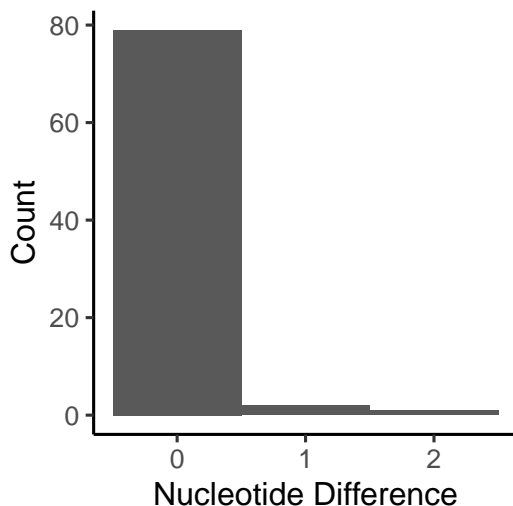
TRBV6-23*ap01

12712 sequences assigned
12535 (98.6%) exact matches, in which:
12292 unique CDR3
13 unique J



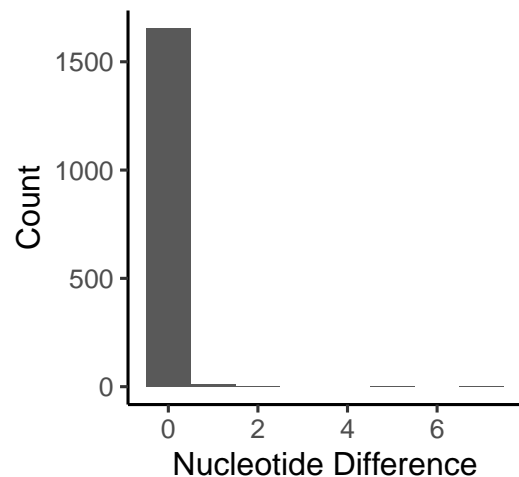
TRBV7-1*ap01_G291C_T

82 sequences assigned
79 (96.3%) exact matches, in which:
78 unique CDR3
11 unique J



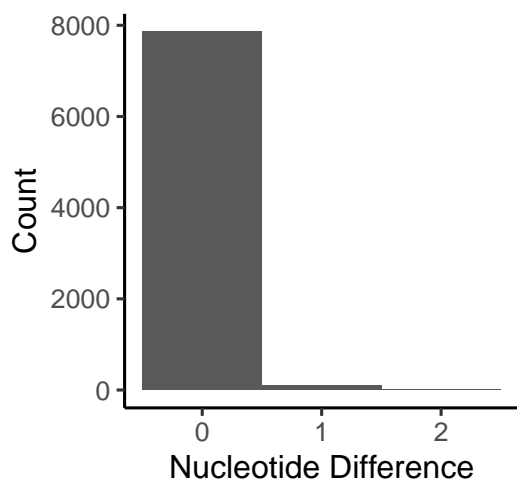
TRBV7-3*ap02

1672 sequences assigned
1654 (98.9%) exact matches, in which:
1626 unique CDR3
13 unique J



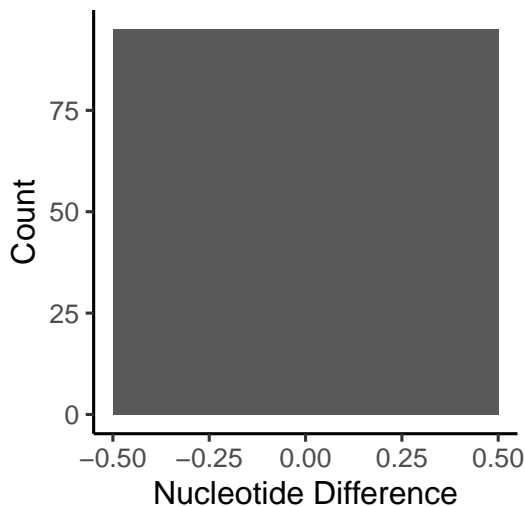
TRBV6-56*ap01

7953 sequences assigned
7859 (98.8%) exact matches, in which:
7699 unique CDR3
13 unique J



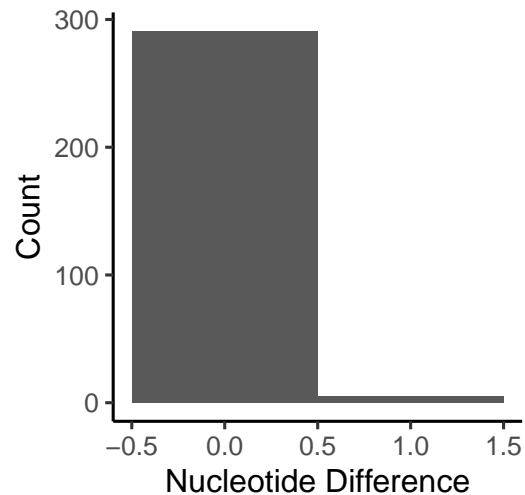
TRBV7-1*ap01_G291C_T

95 sequences assigned
95 (100%) exact matches, in which:
95 unique CDR3
13 unique J



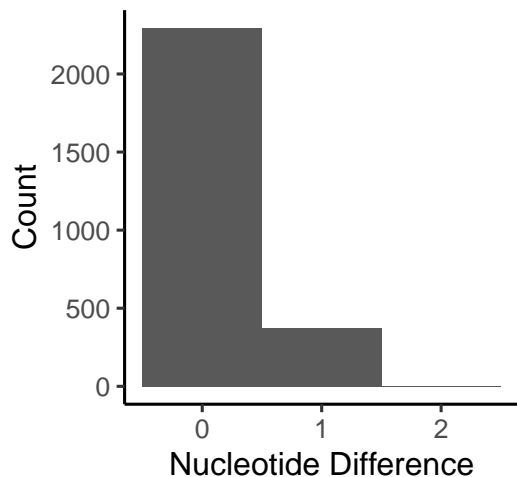
TRBV7-4*ap01

296 sequences assigned
291 (98.3%) exact matches, in which:
289 unique CDR3
13 unique J



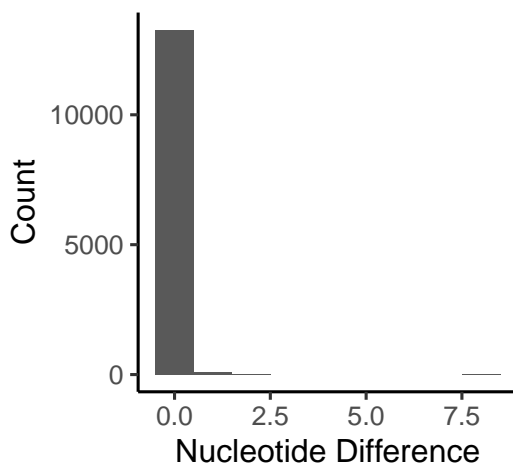
TRBV6-56*ap02

2668 sequences assigned
2294 (86%) exact matches, in which:
2257 unique CDR3
13 unique J



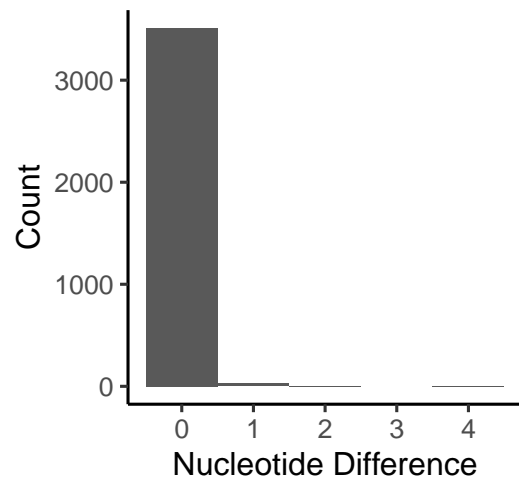
TRBV7-2*ap01

13361 sequences assigned
13272 (99.3%) exact matches, in which:
13109 unique CDR3
13 unique J



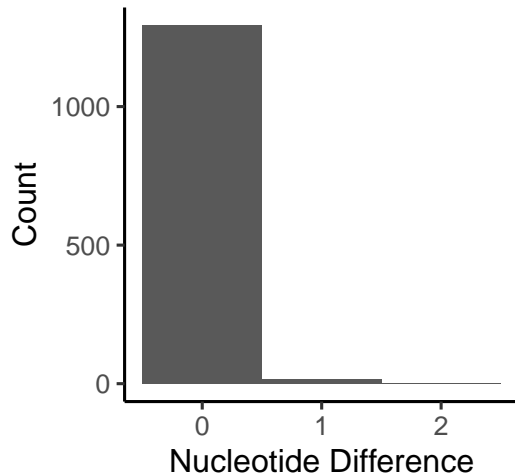
TRBV7-6*ap01

3541 sequences assigned
3511 (99.2%) exact matches, in which:
3451 unique CDR3
13 unique J



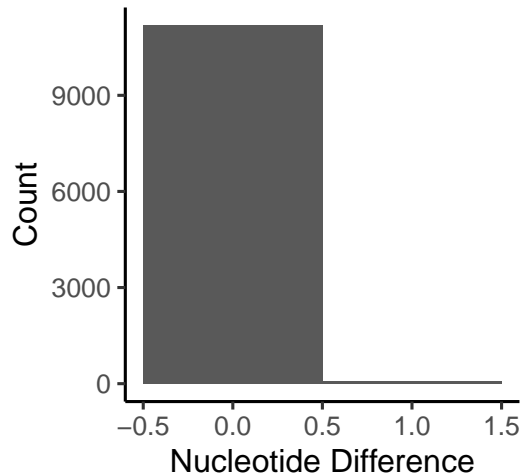
TRBV7-7*ap01

1309 sequences assigned
1293 (98.8%) exact matches, in which:
1273 unique CDR3
13 unique J



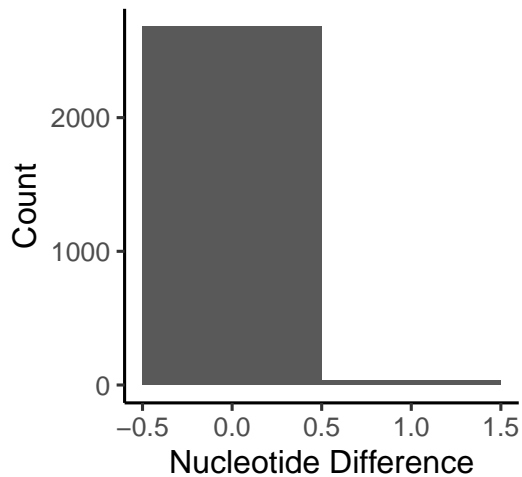
TRBV7-9*ap01

11267 sequences assigned
11182 (99.2%) exact matches, in which:
11039 unique CDR3
13 unique J



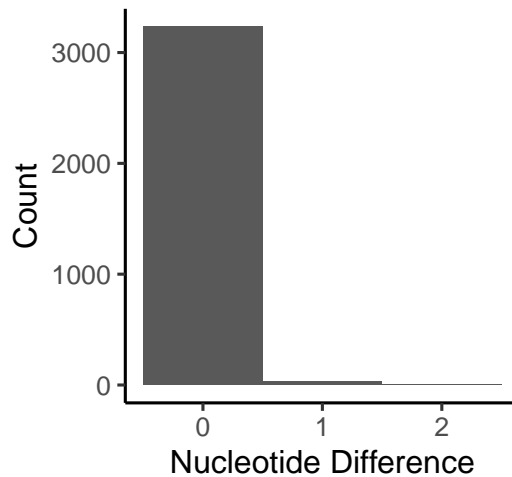
TRBV7-8*ap01

2715 sequences assigned
2680 (98.7%) exact matches, in which:
2634 unique CDR3
13 unique J



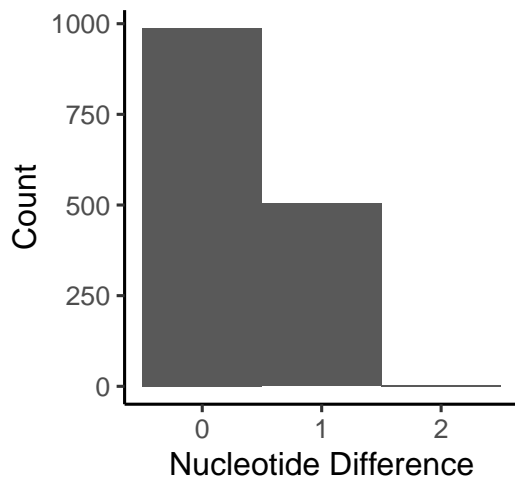
TRBV29-1*ap01

3269 sequences assigned
3233 (98.9%) exact matches, in which:
3176 unique CDR3
13 unique J



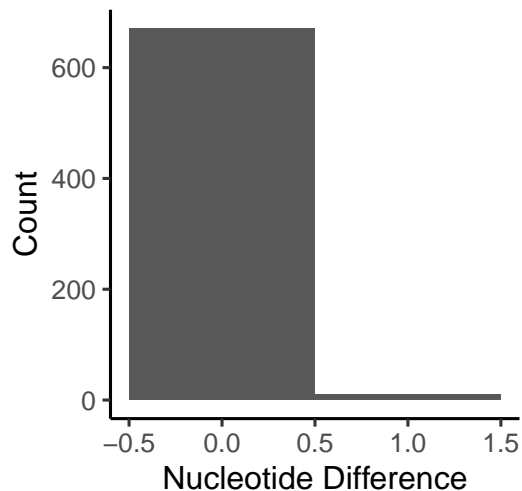
TRBV7-8*ap03

1495 sequences assigned
988 (66.1%) exact matches, in which:
974 unique CDR3
13 unique J

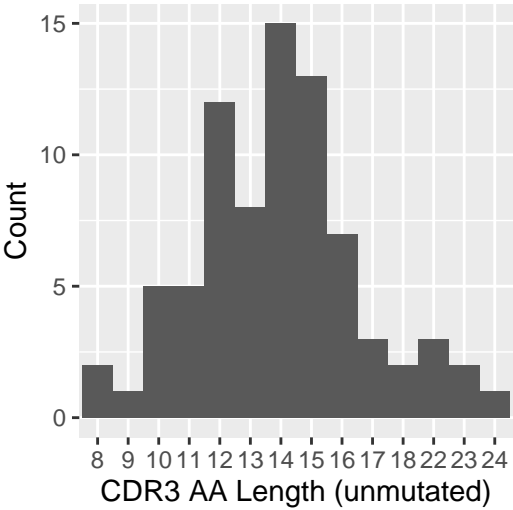


TRBV29-1*ap02

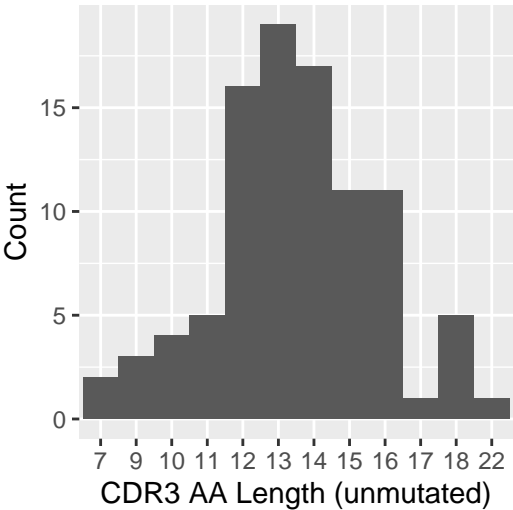
681 sequences assigned
671 (98.5%) exact matches, in which:
654 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-1*ap01_G291C_T296C_C314T





Warning – no inferred sequences found.