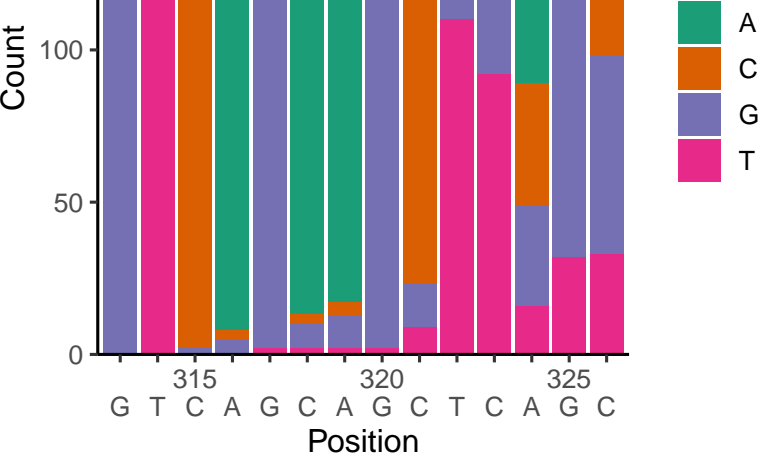


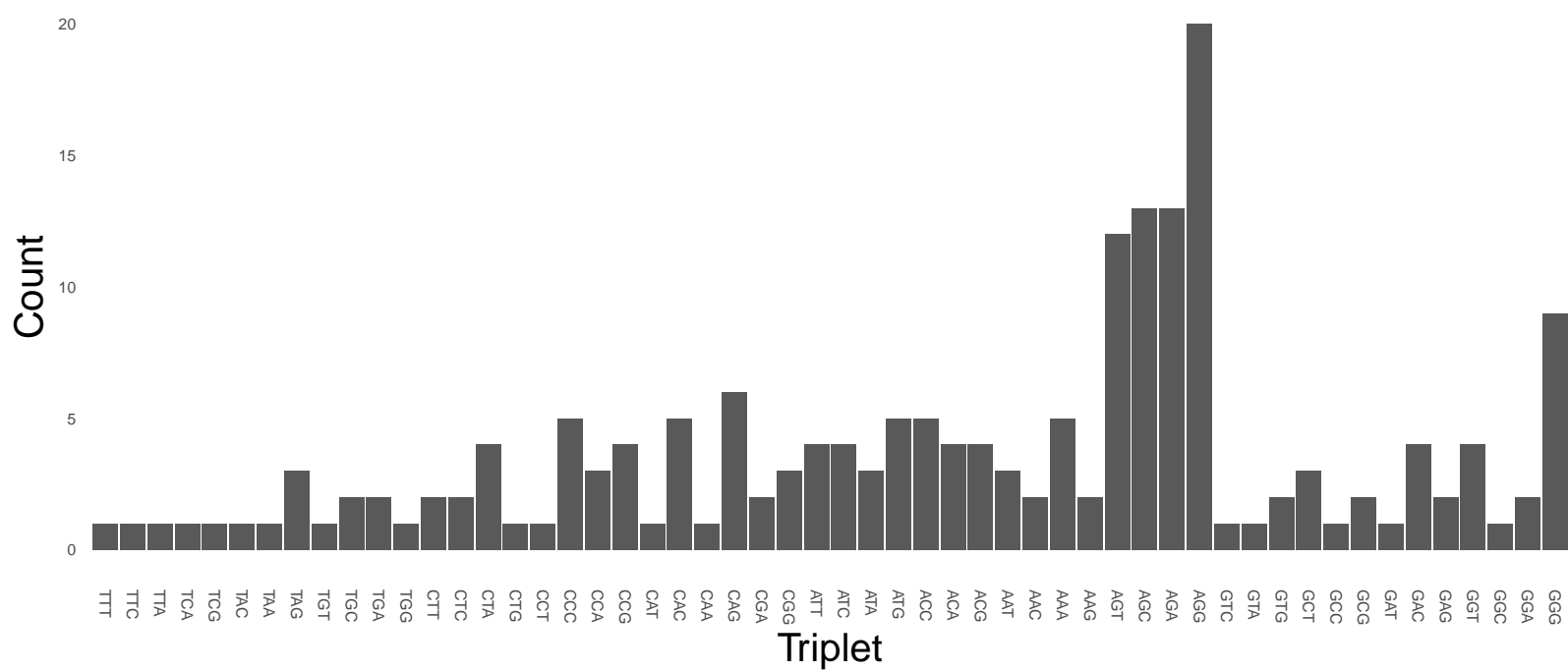
Gene TRBV7-1*ap01_T296C_C314T



Gene TRBV7-1*ap01_T296C_C314T

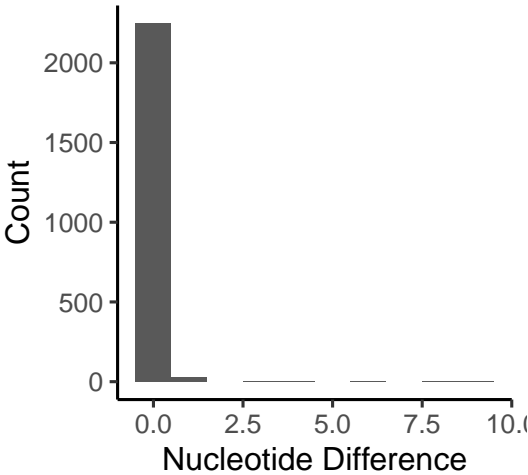


TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet



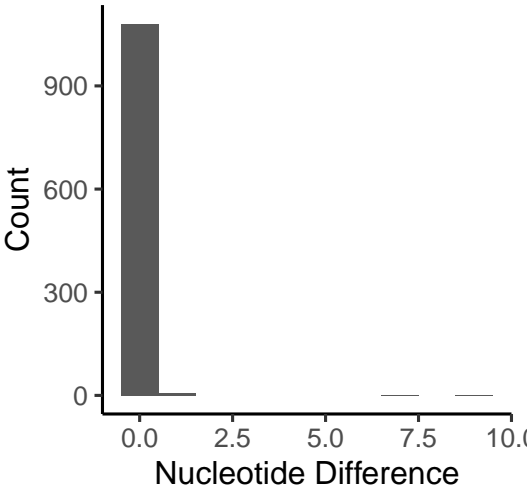
TRBV10-1*ap01

2278 sequences assigned
2247 (98.6%) exact matches, in which:
2216 unique CDR3
13 unique J



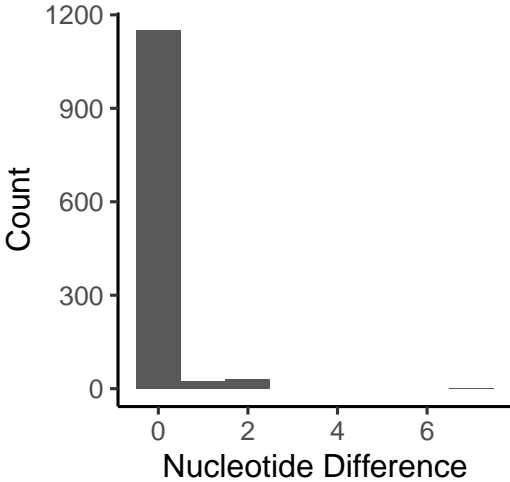
TRBV10-2*ap01

1090 sequences assigned
1081 (99.2%) exact matches, in which:
1069 unique CDR3
13 unique J



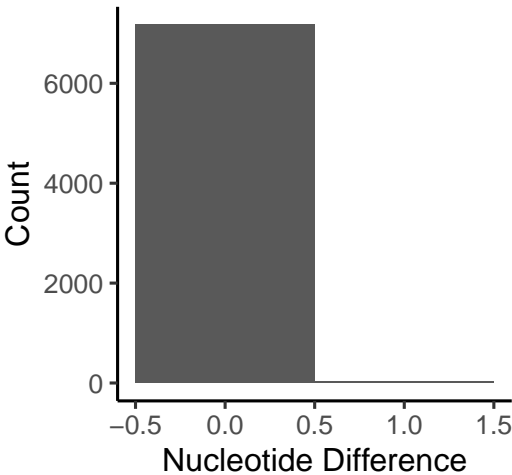
TRBV13*ap01

1206 sequences assigned
1150 (95.4%) exact matches, in which:
1131 unique CDR3
13 unique J



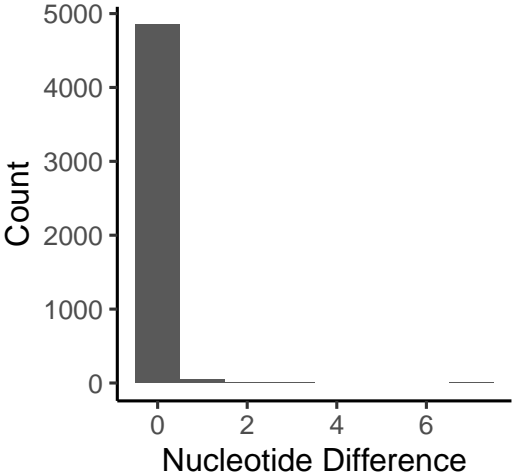
TRBV20-1*ap01

7210 sequences assigned
7173 (99.5%) exact matches, in which:
7104 unique CDR3
13 unique J



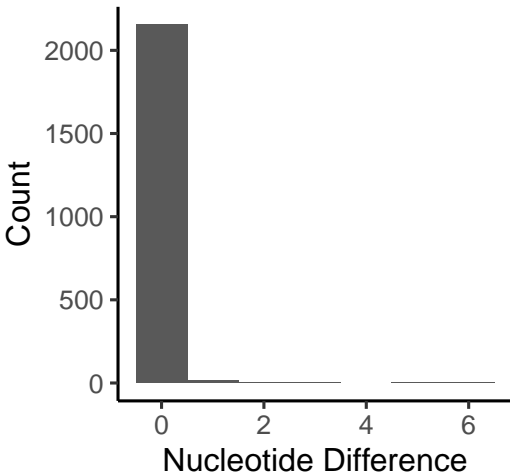
TRBV10-3*ap01

4904 sequences assigned
4849 (98.9%) exact matches, in which:
4801 unique CDR3
13 unique J



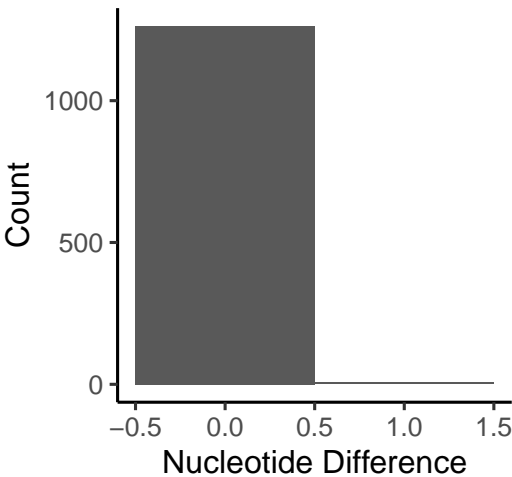
TRBV14*ap01

2174 sequences assigned
2154 (99.1%) exact matches, in which:
2138 unique CDR3
13 unique J



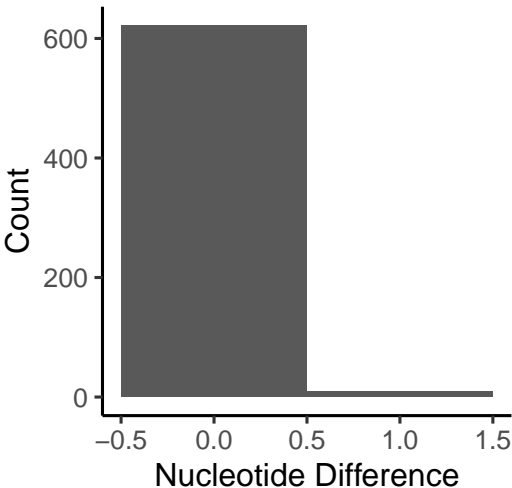
TRBV20-1*ap02

1270 sequences assigned
1263 (99.4%) exact matches, in which:
1253 unique CDR3
13 unique J



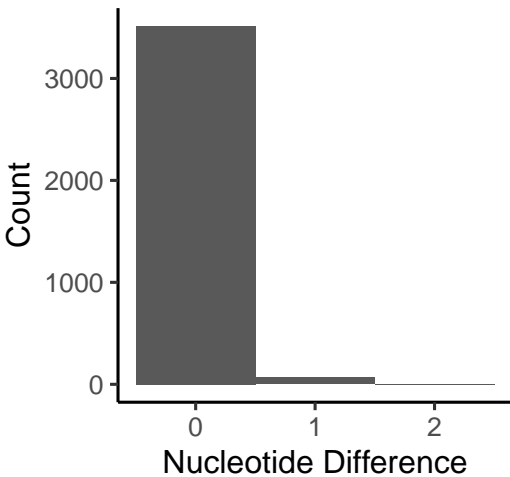
TRBV1*ap01

631 sequences assigned
622 (98.6%) exact matches, in which:
610 unique CDR3
13 unique J



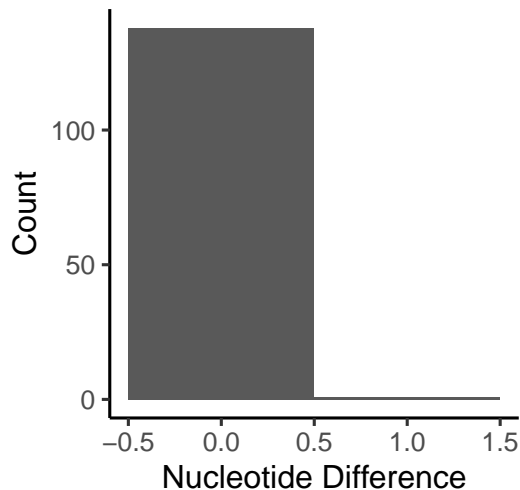
TRBV15*ap02

3580 sequences assigned
3514 (98.2%) exact matches, in which:
3478 unique CDR3
13 unique J



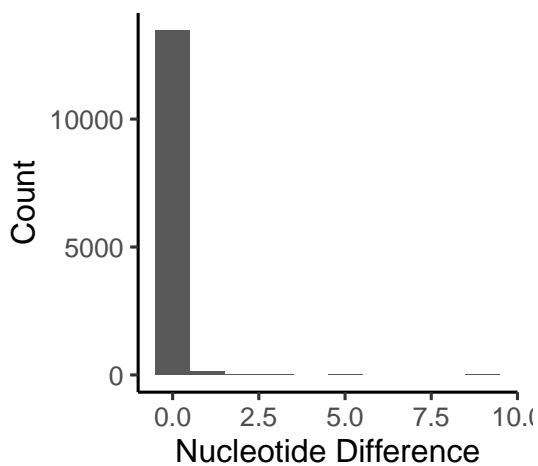
TRBV16*ap01

139 sequences assigned
138 (99.3%) exact matches, in which:
136 unique CDR3
13 unique J



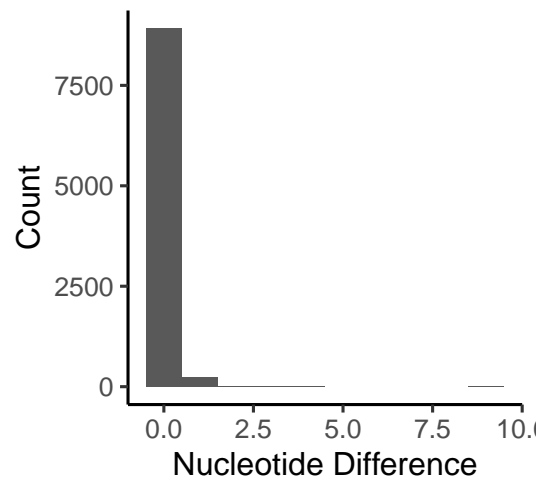
TRBV2*ap01

13616 sequences assigned
13476 (99%) exact matches, in which:
13339 unique CDR3
13 unique J



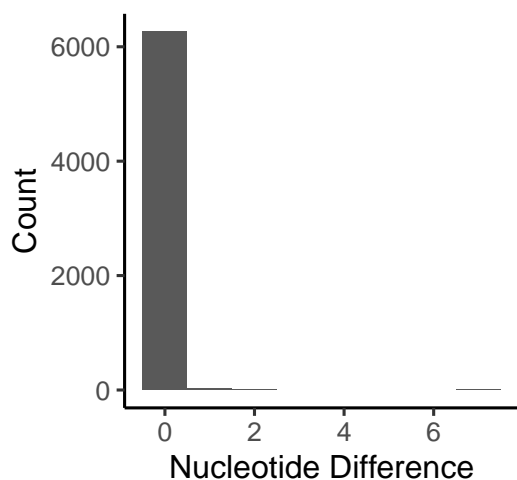
TRBV30*ap01

9169 sequences assigned
8918 (97.3%) exact matches, in which:
8704 unique CDR3
13 unique J



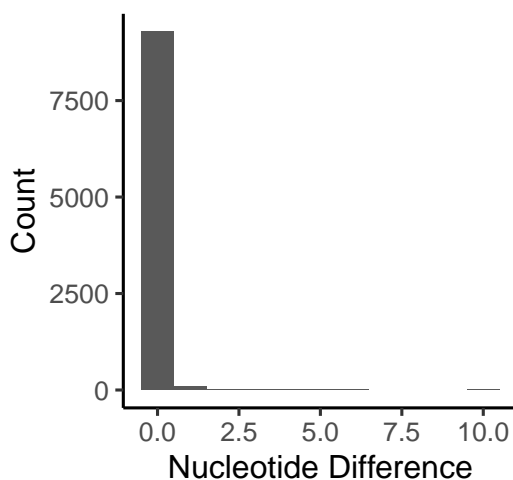
TRBV18*ap01

6290 sequences assigned
6263 (99.6%) exact matches, in which:
6245 unique CDR3
13 unique J



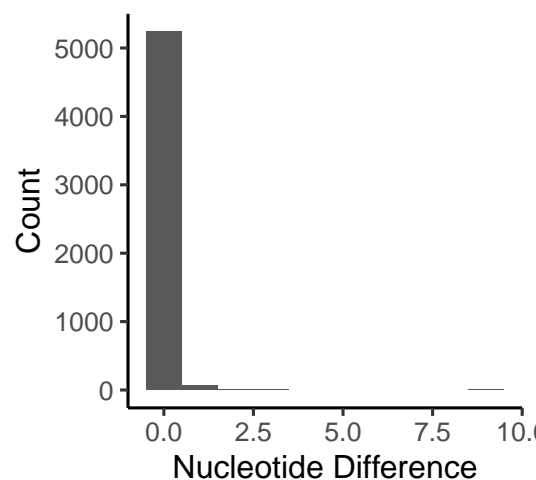
TRBV27*ap01

9381 sequences assigned
9284 (99%) exact matches, in which:
9204 unique CDR3
13 unique J



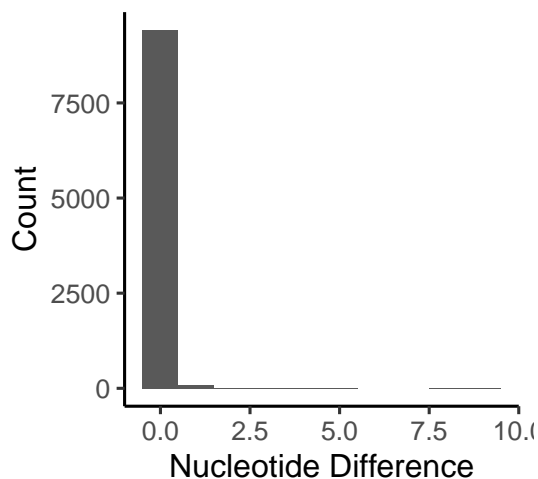
TRBV9*ap01

5317 sequences assigned
5238 (98.5%) exact matches, in which:
5201 unique CDR3
13 unique J



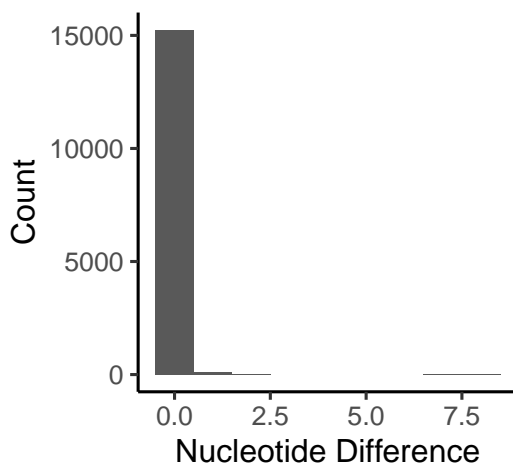
TRBV19*ap01

9507 sequences assigned
9415 (99%) exact matches, in which:
9373 unique CDR3
13 unique J



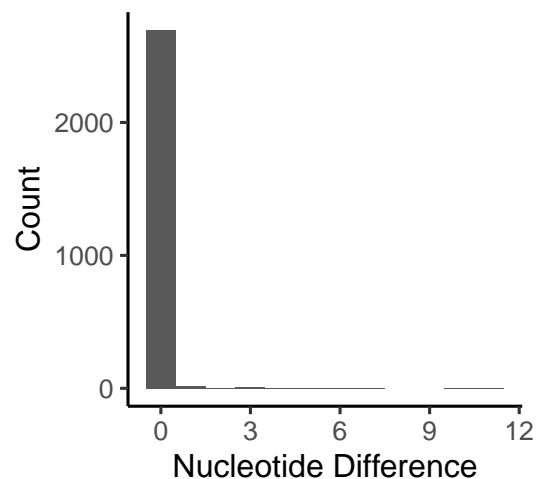
TRBV28*ap01

15388 sequences assigned
15248 (99.1%) exact matches, in which:
15147 unique CDR3
13 unique J



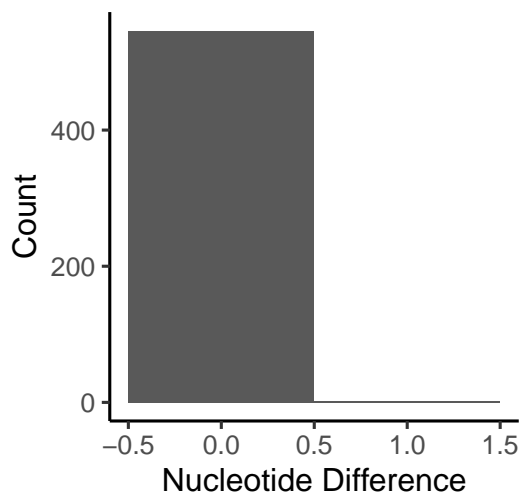
TRBV21-1*ap01

2735 sequences assigned
2695 (98.5%) exact matches, in which:
2688 unique CDR3
13 unique J



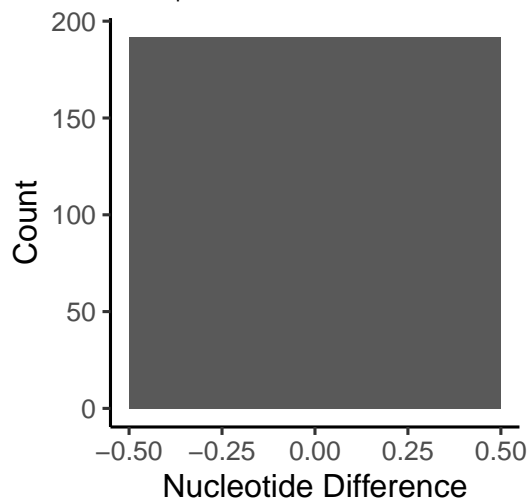
TRBV11-1*ap01

548 sequences assigned
546 (99.6%) exact matches, in which:
543 unique CDR3
13 unique J



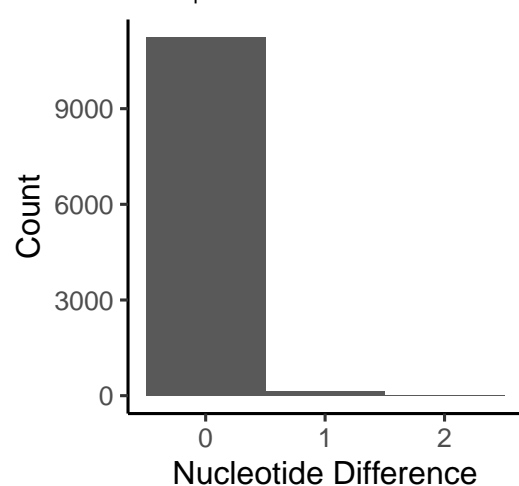
TRBV12-1*ap01

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



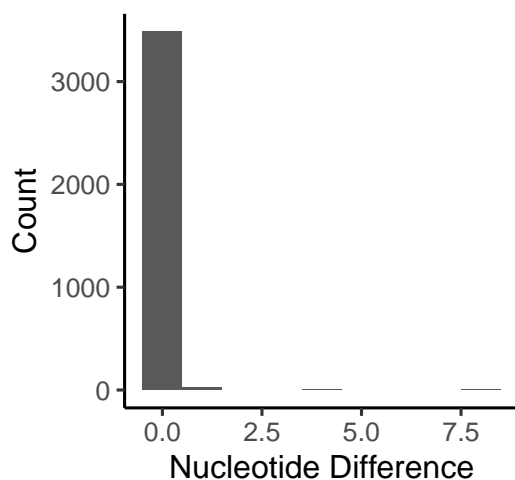
TRBV12-34*ap01

11369 sequences assigned
11234 (98.8%) exact matches, in which:
11136 unique CDR3
13 unique J



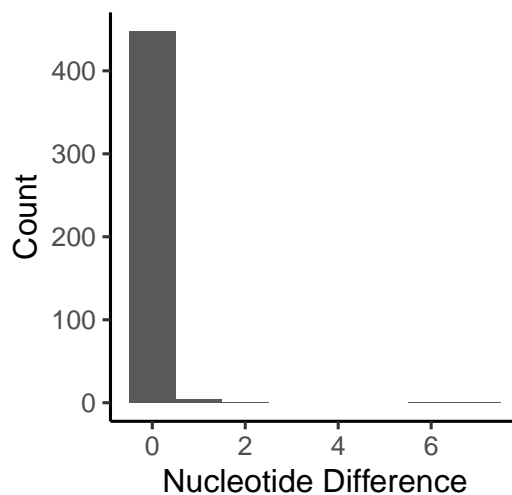
TRBV11-2*ap01

3514 sequences assigned
3485 (99.2%) exact matches, in which:
3472 unique CDR3
13 unique J



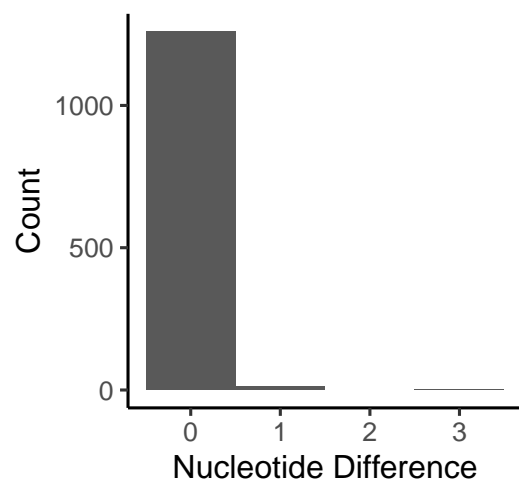
TRBV12-2*ap01

455 sequences assigned
448 (98.5%) exact matches, in which:
445 unique CDR3
13 unique J



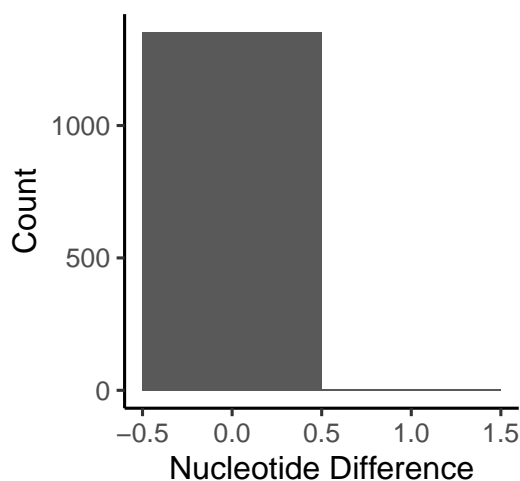
TRBV23-1*ap01

1274 sequences assigned
1259 (98.8%) exact matches, in which:
1252 unique CDR3
13 unique J



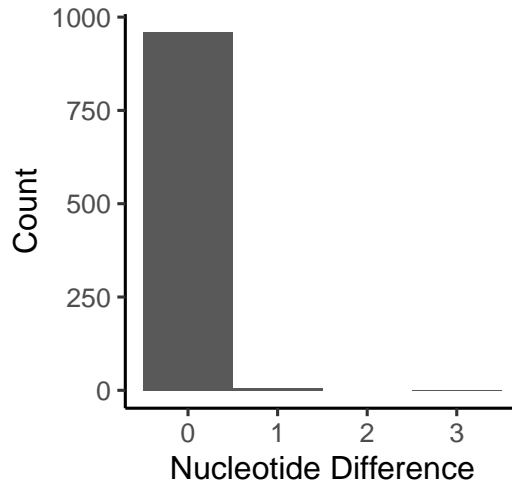
TRBV11-3*ap01

1358 sequences assigned
1353 (99.6%) exact matches, in which:
1350 unique CDR3
13 unique J



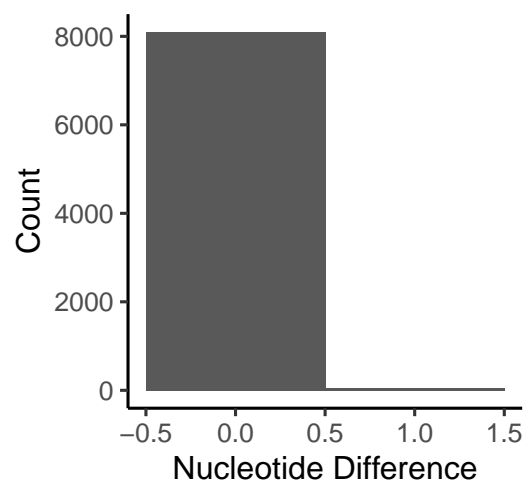
TRBV12-5*ap01

968 sequences assigned
960 (99.2%) exact matches, in which:
950 unique CDR3
13 unique J



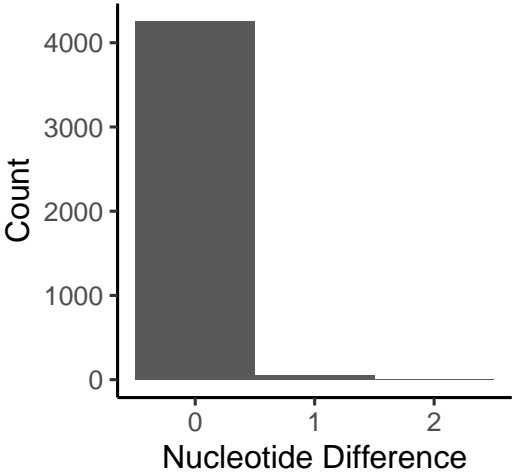
TRBV3-12*ap01

8150 sequences assigned
8097 (99.3%) exact matches, in which:
8054 unique CDR3
13 unique J



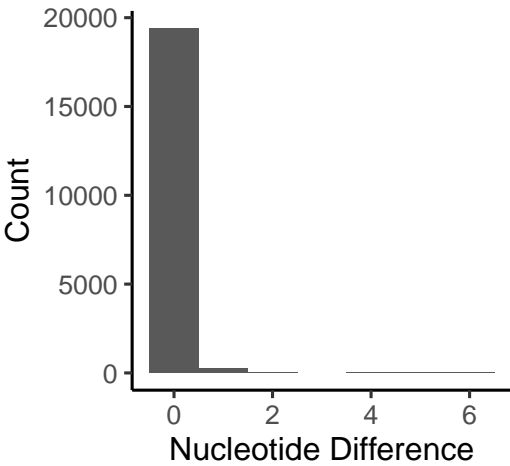
TRBV4-1*ap01

4306 sequences assigned
4253 (98.8%) exact matches, in which:
4207 unique CDR3
13 unique J



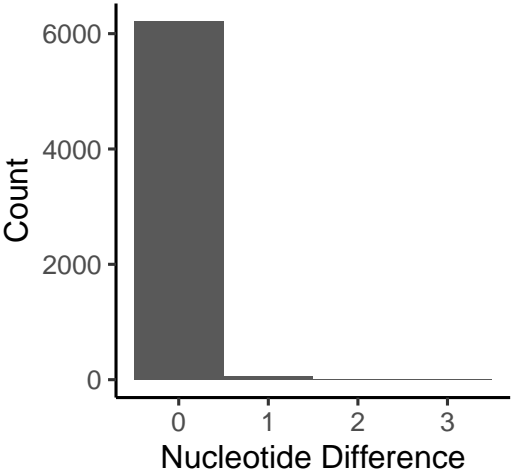
TRBV5-1*ap01

19684 sequences assigned
19410 (98.6%) exact matches, in which:
19194 unique CDR3
13 unique J



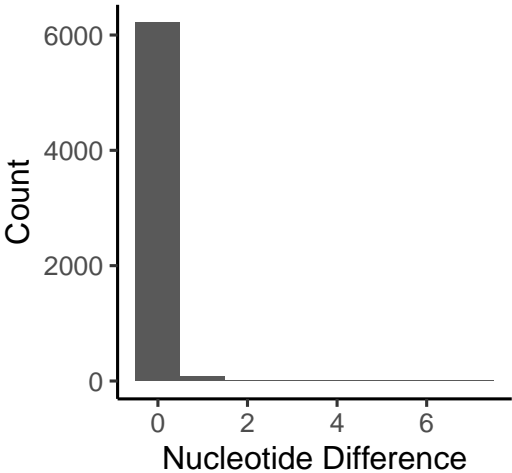
TRBV5-4*ap01

6282 sequences assigned
6212 (98.9%) exact matches, in which:
6160 unique CDR3
13 unique J



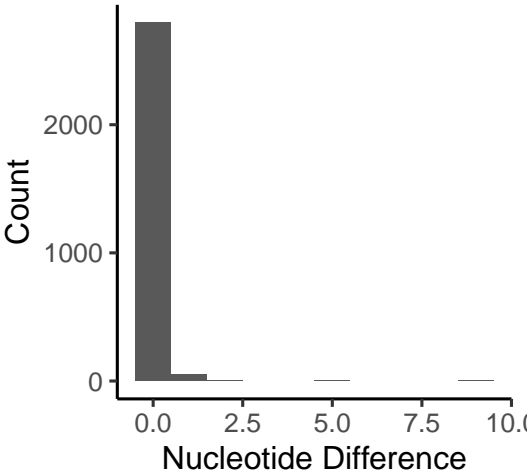
TRBV24-1*ap01

6300 sequences assigned
6213 (98.6%) exact matches, in which:
6107 unique CDR3
13 unique J



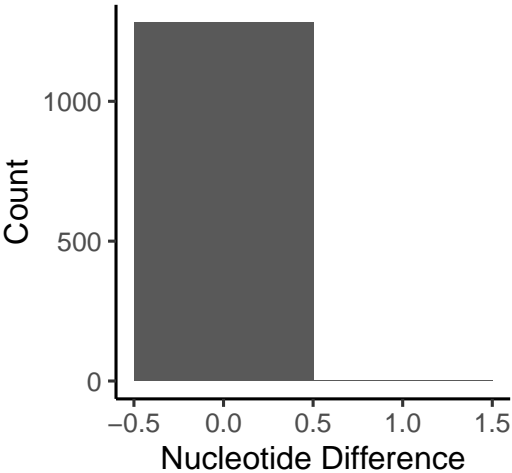
TRBV25-1*ap01

2851 sequences assigned
2796 (98.1%) exact matches, in which:
2732 unique CDR3
13 unique J



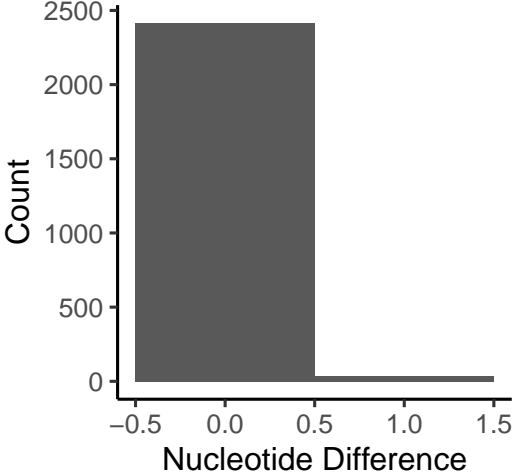
TRBV5-5*ap01

1284 sequences assigned
1281 (99.8%) exact matches, in which:
1281 unique CDR3
13 unique J



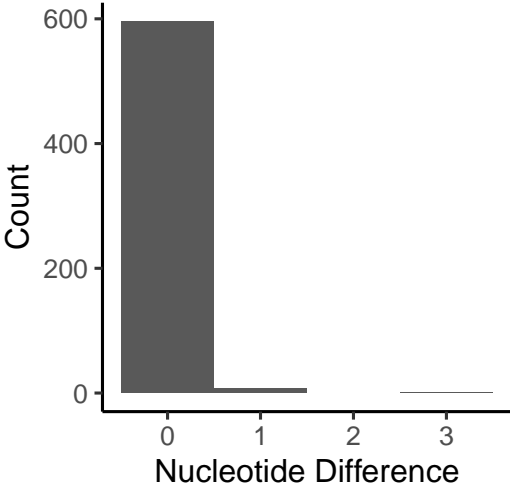
TRBV4-2*ap01

2449 sequences assigned
2415 (98.6%) exact matches, in which:
2382 unique CDR3
13 unique J



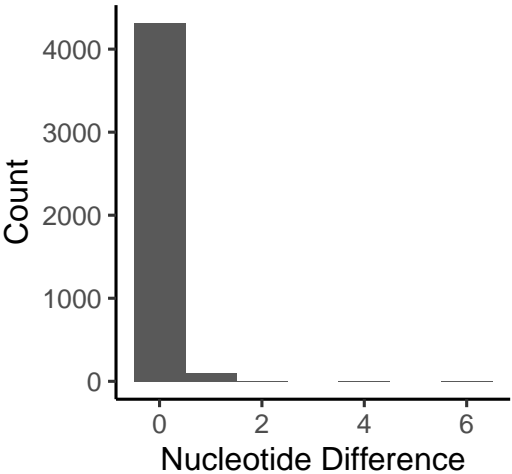
TRBV5-3*ap01

604 sequences assigned
596 (98.7%) exact matches, in which:
584 unique CDR3
13 unique J



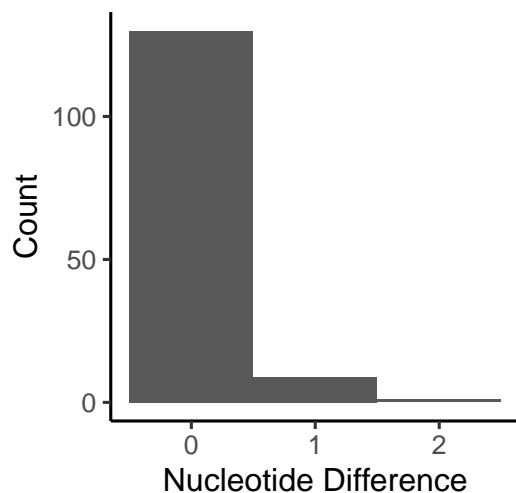
TRBV5-6*ap01

4420 sequences assigned
4314 (97.6%) exact matches, in which:
4240 unique CDR3
13 unique J



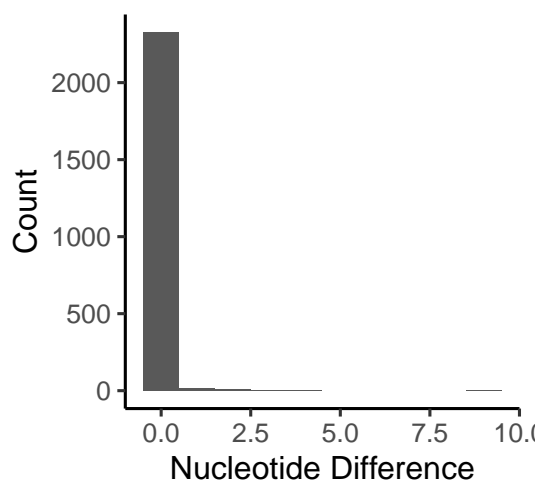
TRBV5-7*ap01

140 sequences assigned
130 (92.9%) exact matches, in which:
123 unique CDR3
11 unique J



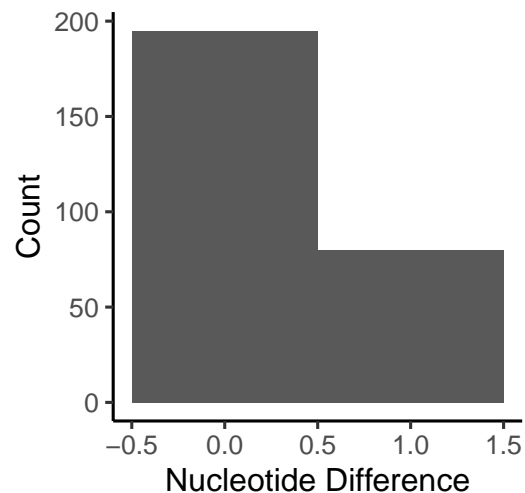
TRBV6-4*ap01

2356 sequences assigned
2326 (98.7%) exact matches, in which:
2308 unique CDR3
13 unique J



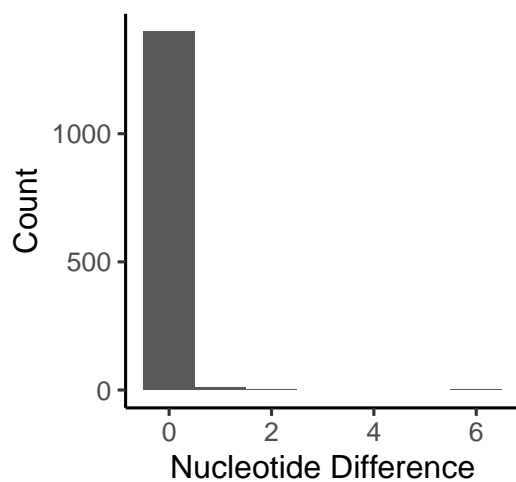
TRBV6-9*ap01

275 sequences assigned
195 (70.9%) exact matches, in which:
190 unique CDR3
13 unique J



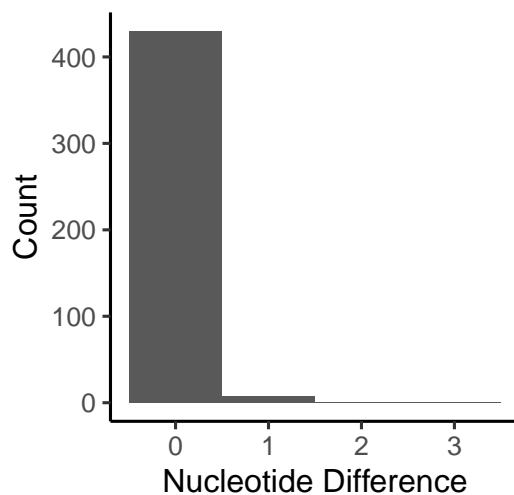
TRBV5-8*ap01

1410 sequences assigned
1398 (99.1%) exact matches, in which:
1389 unique CDR3
13 unique J



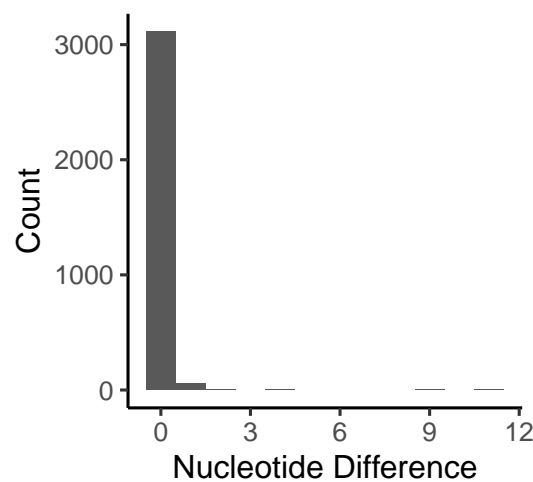
TRBV6-7*ap01

440 sequences assigned
430 (97.7%) exact matches, in which:
420 unique CDR3
13 unique J



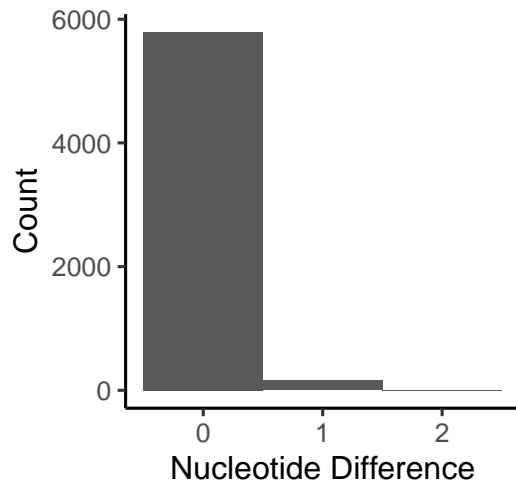
TRBV6-23*ap01

3177 sequences assigned
3112 (98%) exact matches, in which:
3041 unique CDR3
13 unique J



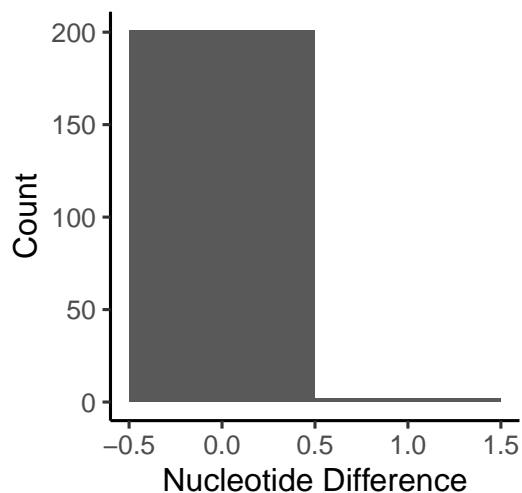
TRBV6-1*ap01

5954 sequences assigned
5793 (97.3%) exact matches, in which:
5696 unique CDR3
13 unique J



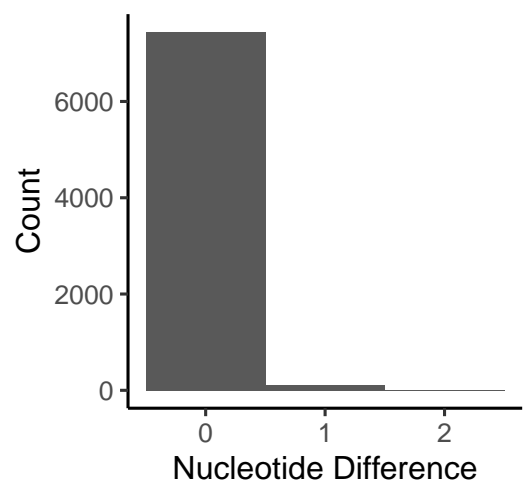
TRBV6-8*ap01

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



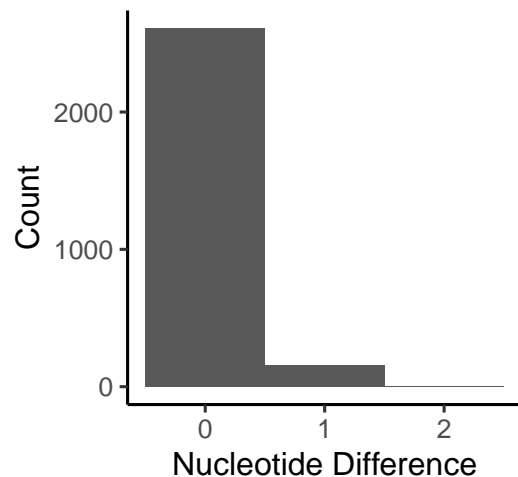
TRBV6-56*ap01

7554 sequences assigned
7442 (98.5%) exact matches, in which:
7299 unique CDR3
14 unique J



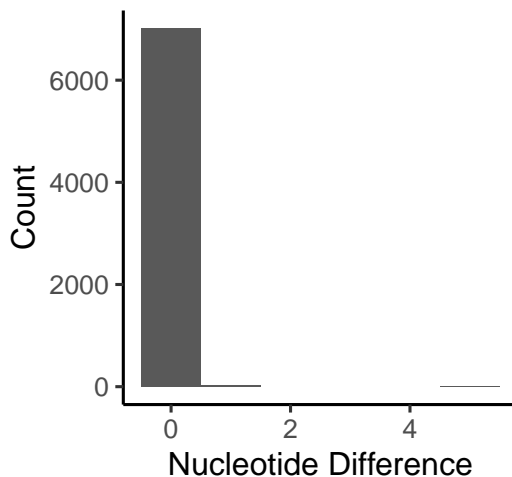
TRBV6-56*ap02

2767 sequences assigned
2609 (94.3%) exact matches, in which:
2572 unique CDR3
13 unique J



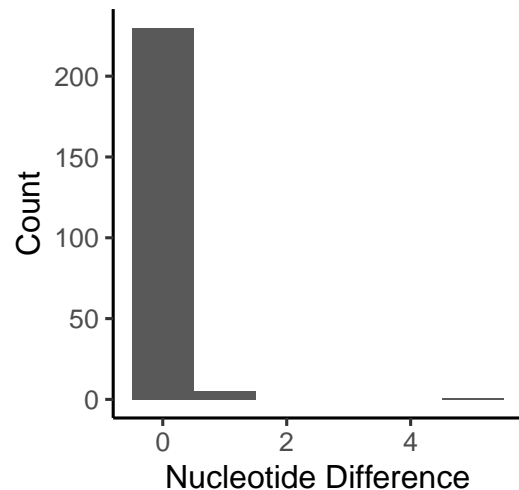
TRBV7-2*ap01

7052 sequences assigned
7013 (99.4%) exact matches, in which:
6966 unique CDR3
13 unique J



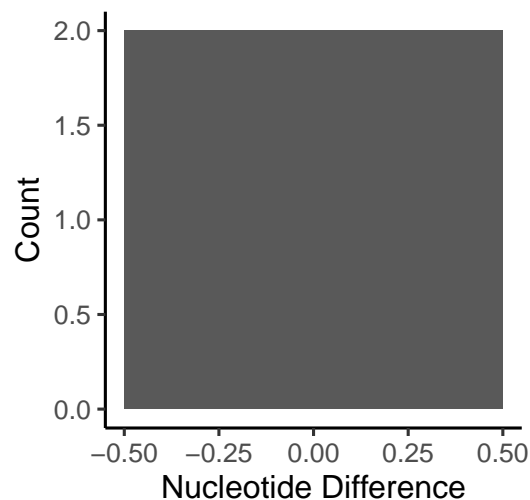
TRBV7-4*ap01

236 sequences assigned
230 (97.5%) exact matches, in which:
228 unique CDR3
13 unique J



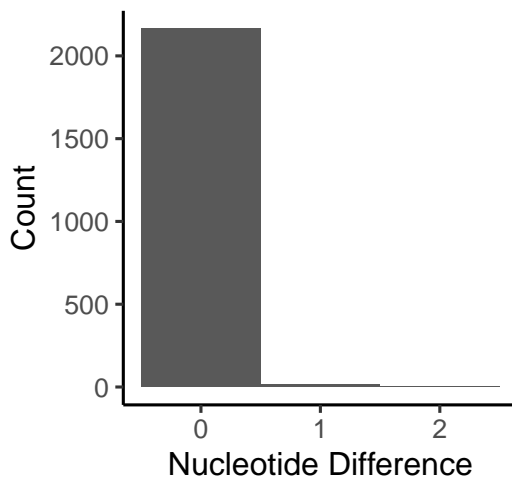
TRBV7-1*ap01

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



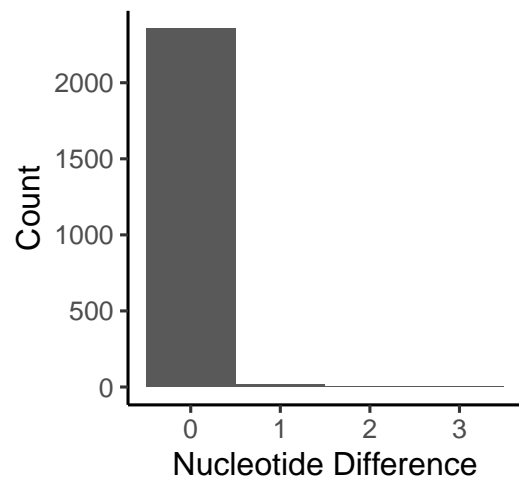
TRBV7-3*ap01

2184 sequences assigned
2164 (99.1%) exact matches, in which:
2156 unique CDR3
13 unique J



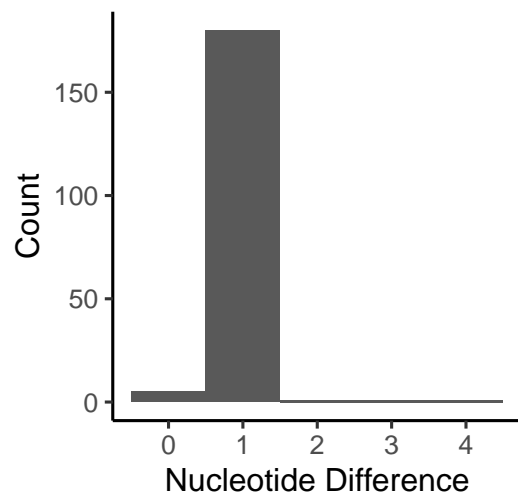
TRBV7-6*ap01

2373 sequences assigned
2355 (99.2%) exact matches, in which:
2334 unique CDR3
13 unique J



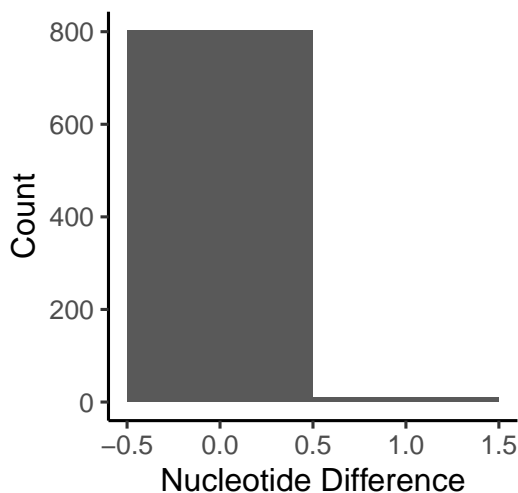
TRBV7-1*ap01_T296C_(

188 sequences assigned
5 (2.7%) exact matches, in which:
5 unique CDR3
4 unique J



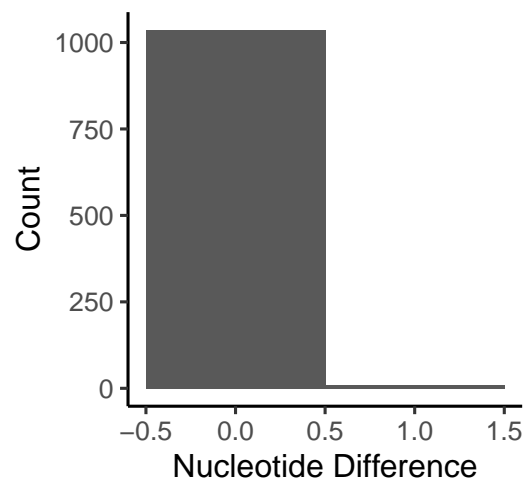
TRBV7-3*ap03

812 sequences assigned
803 (98.9%) exact matches, in which:
801 unique CDR3
13 unique J



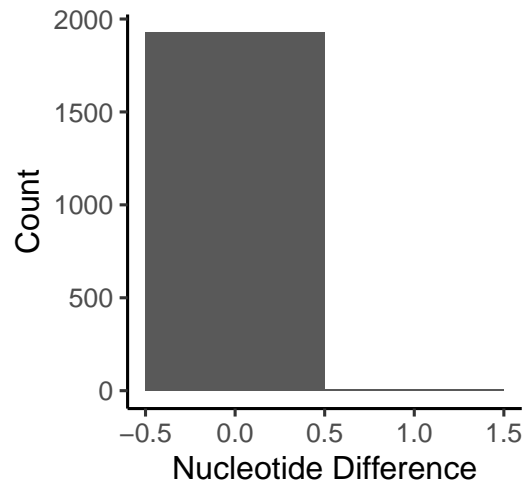
TRBV7-7*ap01

1046 sequences assigned
1036 (99%) exact matches, in which:
1028 unique CDR3
13 unique J



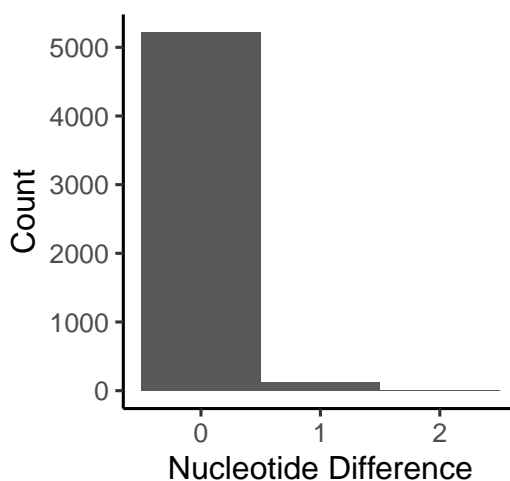
TRBV7-8*ap01

1937 sequences assigned
1928 (99.5%) exact matches, in which:
1917 unique CDR3
13 unique J



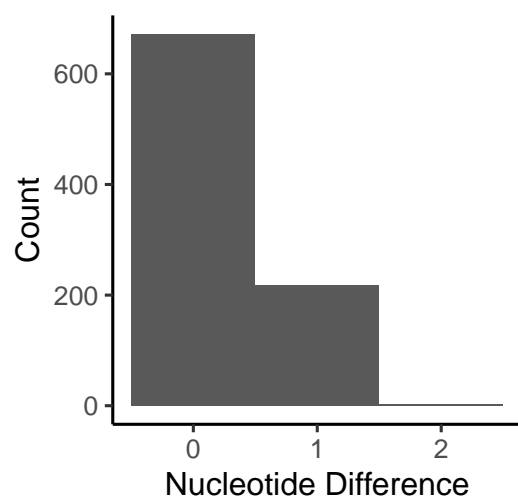
TRBV29-1*ap01

5348 sequences assigned
5217 (97.6%) exact matches, in which:
5086 unique CDR3
13 unique J



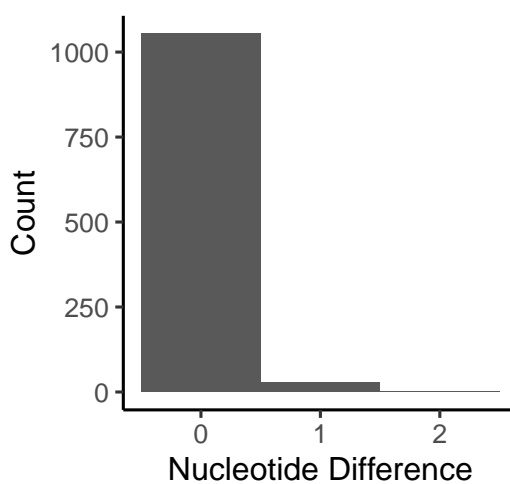
TRBV7-8*ap03

893 sequences assigned
672 (75.3%) exact matches, in which:
667 unique CDR3
13 unique J



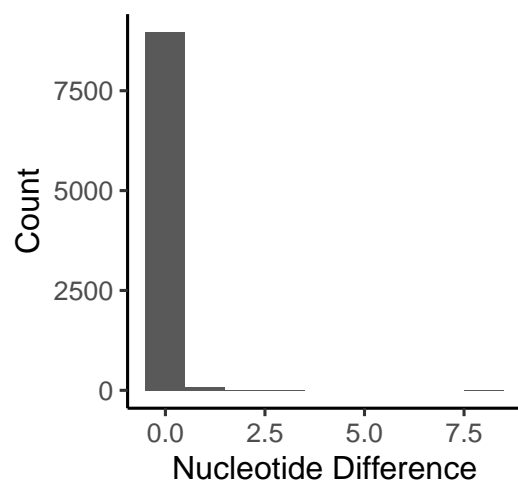
TRBV29-1*ap02

1082 sequences assigned
1054 (97.4%) exact matches, in which:
1027 unique CDR3
13 unique J

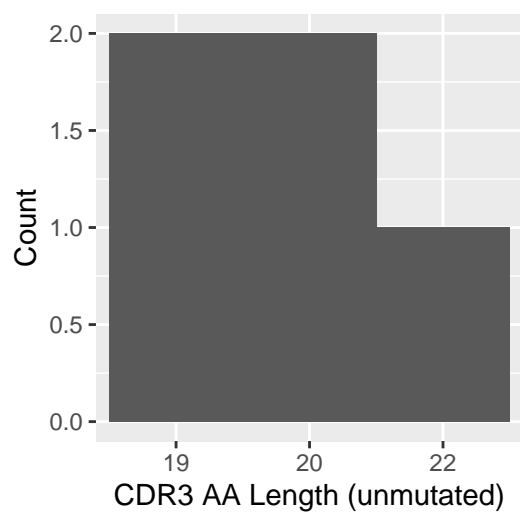


TRBV7-9*ap01

9060 sequences assigned
8969 (99%) exact matches, in which:
8899 unique CDR3
13 unique J



TRBV7-1*ap01_T296C_C314T





Warning – no inferred sequences found.

Warning – no inferred sequences found.