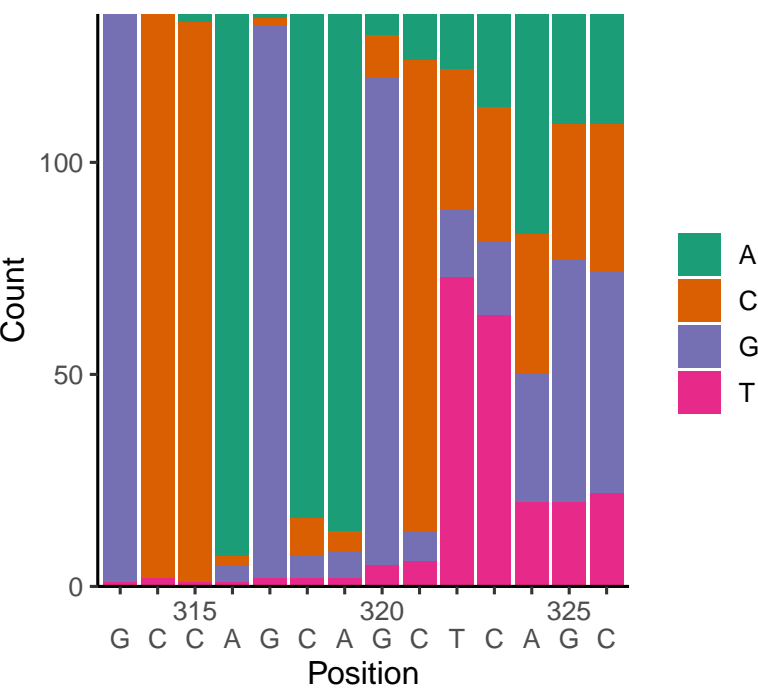
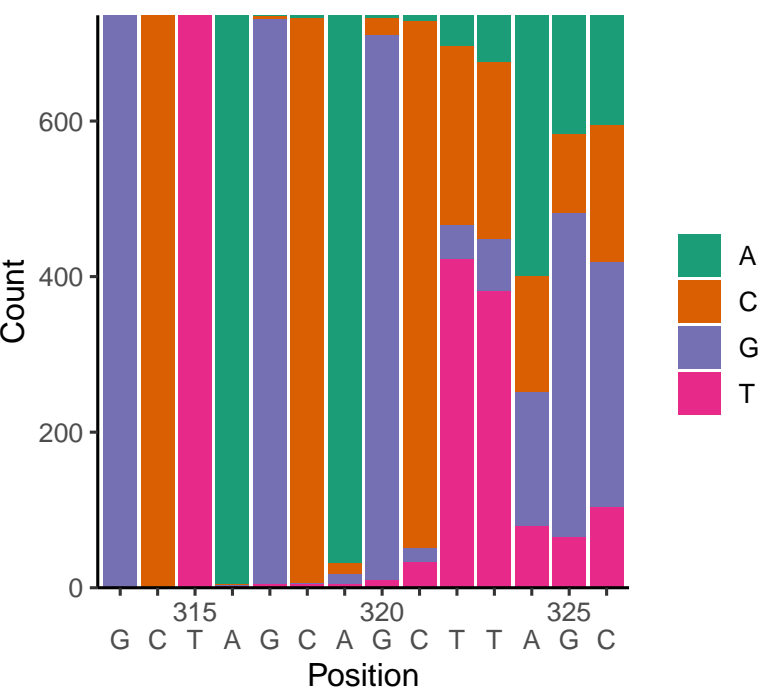


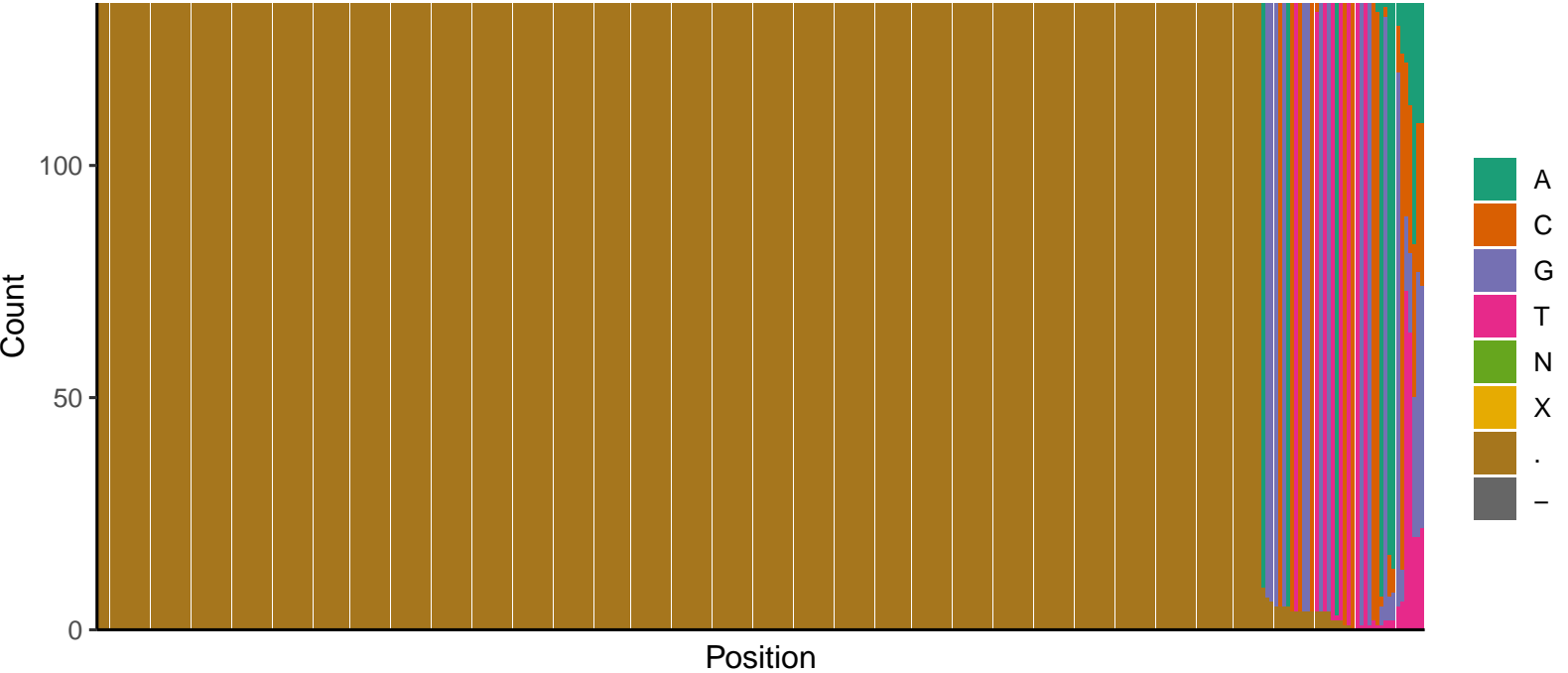
Gene TRBV7-1*ap01_G291C_T296C



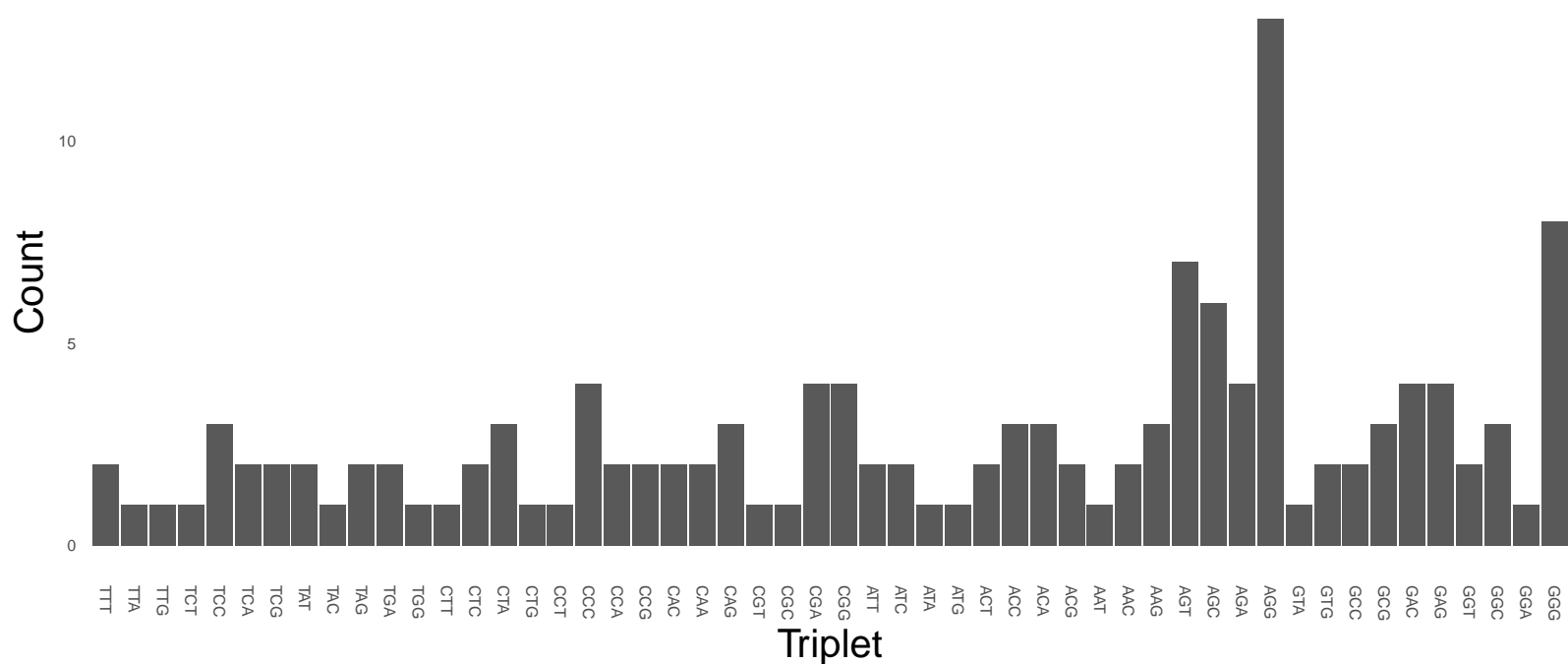
Gene TRBV7-7*ap01_C315T



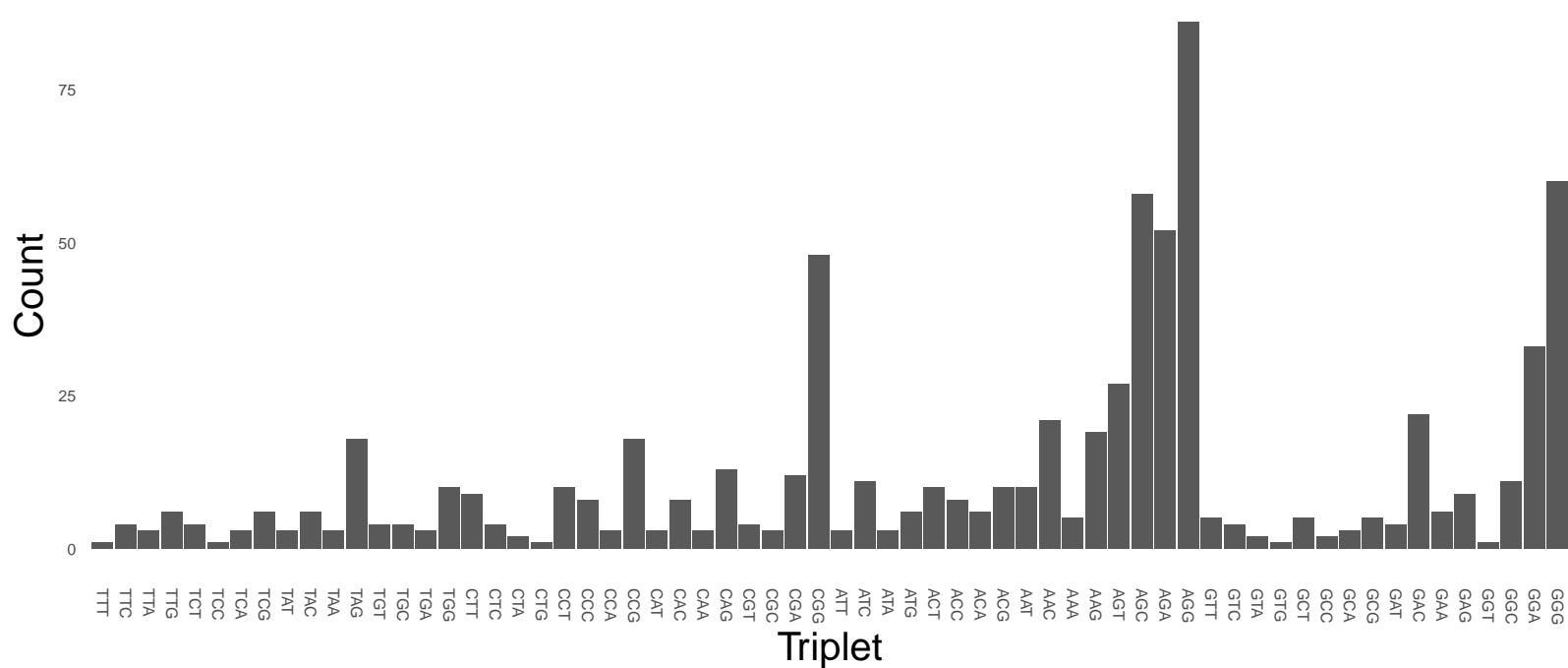
Gene TRBV7-1*ap01_G291C_T296C



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

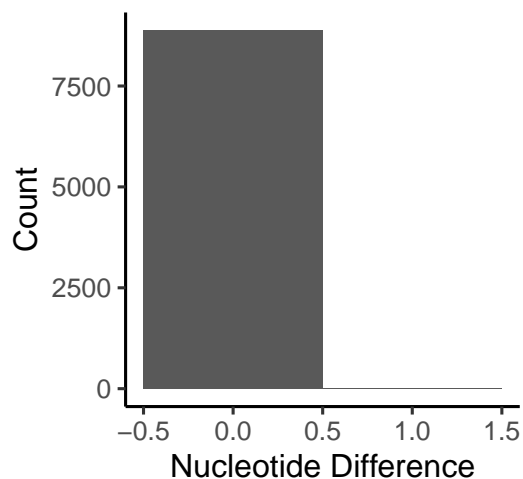


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



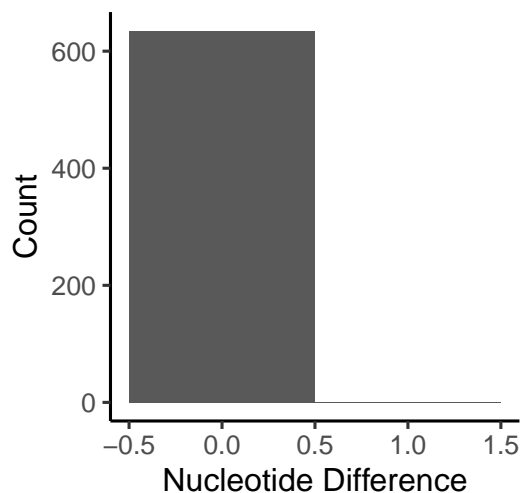
TRBV20-1*ap01

8897 sequences assigned
8878 (99.8%) exact matches, in which:
8876 unique CDR3
13 unique J



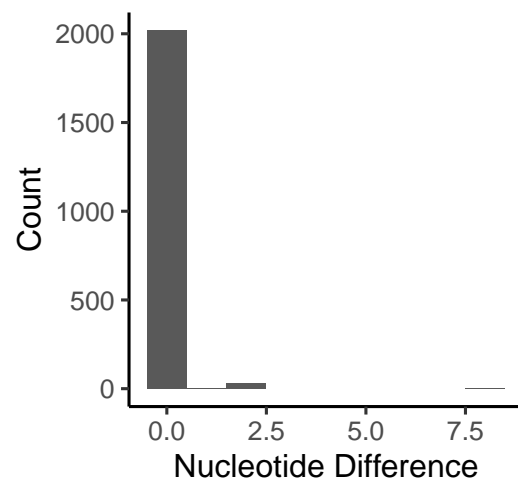
TRBV10-2*ap01

636 sequences assigned
635 (99.8%) exact matches, in which:
635 unique CDR3
13 unique J



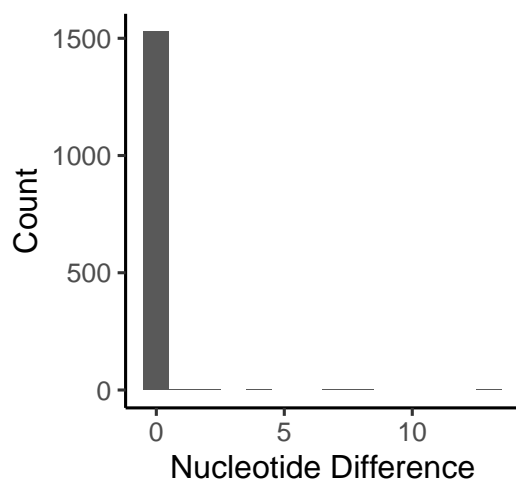
TRBV13*ap01

2054 sequences assigned
2019 (98.3%) exact matches, in which:
2019 unique CDR3
13 unique J



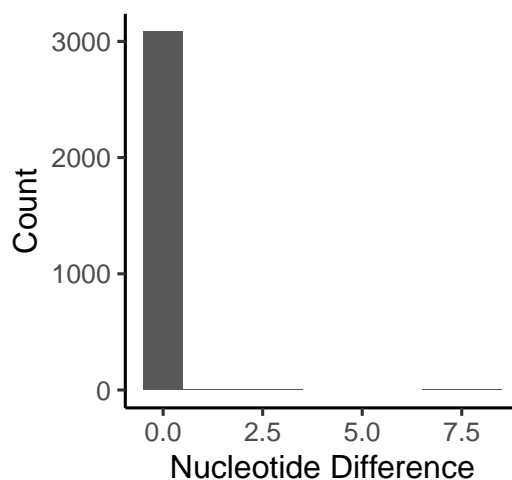
TRBV10-1*ap01

1539 sequences assigned
1528 (99.3%) exact matches, in which:
1528 unique CDR3
13 unique J



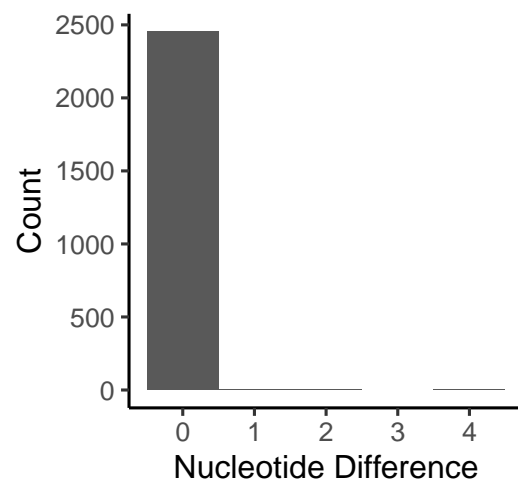
TRBV10-3*ap01

3091 sequences assigned
3083 (99.7%) exact matches, in which:
3081 unique CDR3
13 unique J



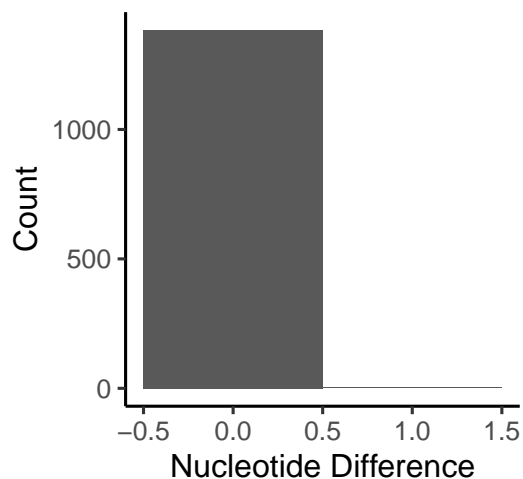
TRBV14*ap01

2457 sequences assigned
2453 (99.8%) exact matches, in which:
2451 unique CDR3
13 unique J



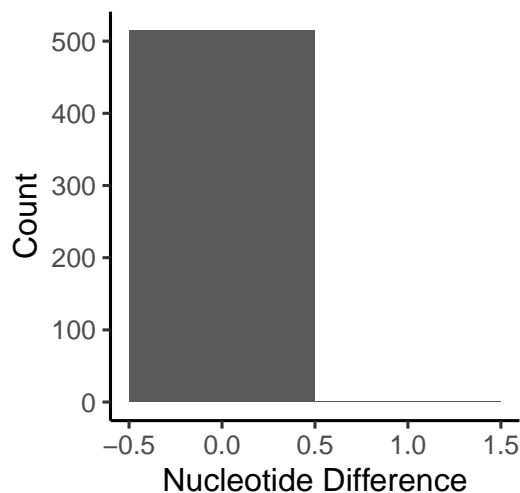
TRBV20-1*ap02

1387 sequences assigned
1384 (99.8%) exact matches, in which:
1383 unique CDR3
13 unique J



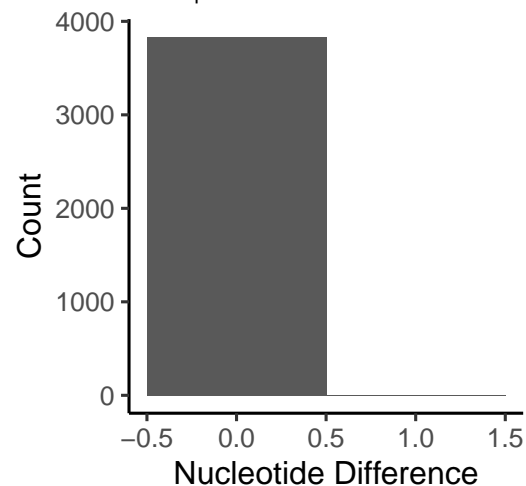
TRBV1*ap01

516 sequences assigned
515 (99.8%) exact matches, in which:
515 unique CDR3
13 unique J



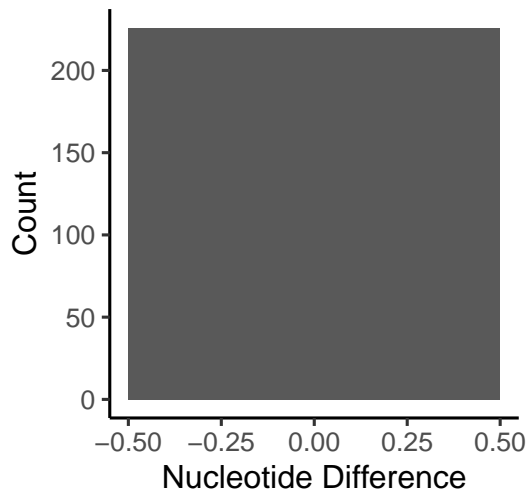
TRBV15*ap02

3835 sequences assigned
3832 (99.9%) exact matches, in which:
3831 unique CDR3
13 unique J



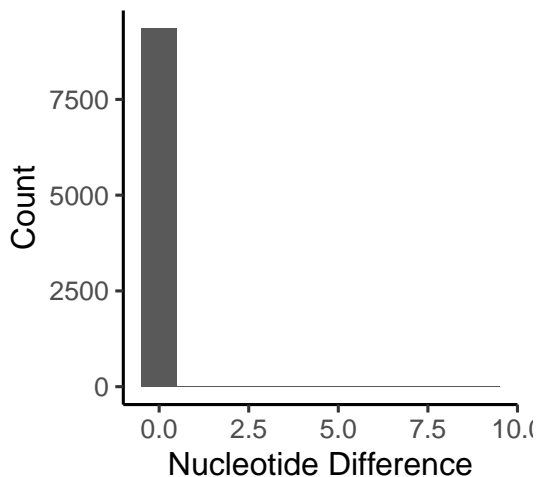
TRBV16*ap01

226 sequences assigned
226 (100%) exact matches, in which:
226 unique CDR3
13 unique J



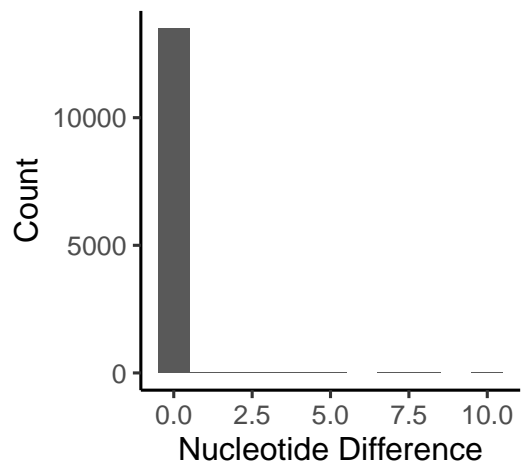
TRBV19*ap01

9393 sequences assigned
9354 (99.6%) exact matches, in which:
9353 unique CDR3
13 unique J



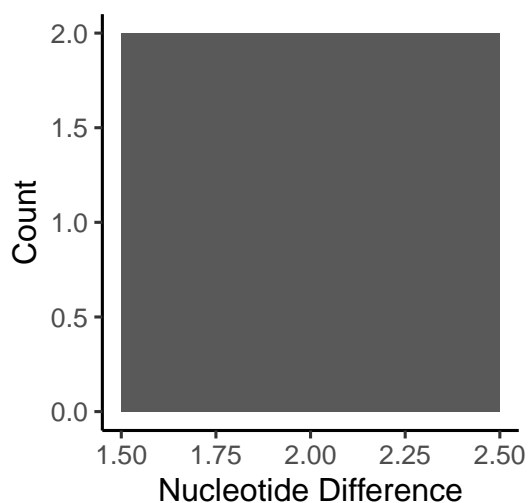
TRBV27*ap01

13553 sequences assigned
13507 (99.7%) exact matches, in which:
13466 unique CDR3
13 unique J



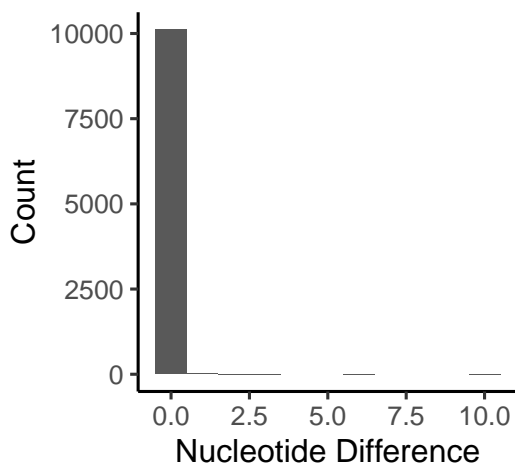
TRBV17*ap01

2 sequences assigned
No exact matches.



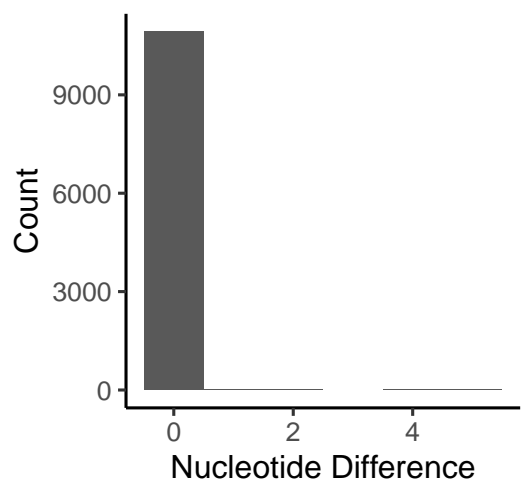
TRBV2*ap01

10150 sequences assigned
10118 (99.7%) exact matches, in which:
10099 unique CDR3
13 unique J



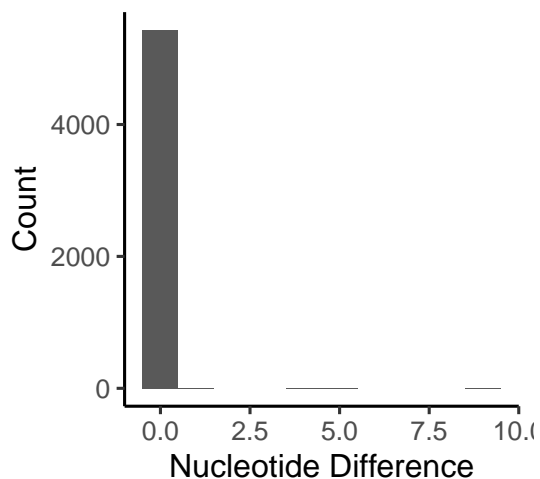
TRBV28*ap01

10943 sequences assigned
10925 (99.8%) exact matches, in which:
10922 unique CDR3
13 unique J



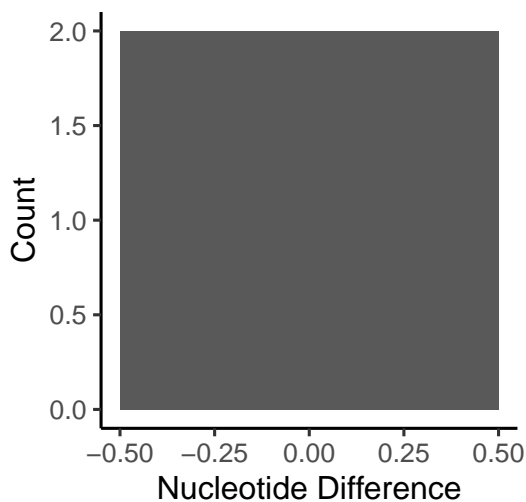
TRBV18*ap01

5442 sequences assigned
5432 (99.8%) exact matches, in which:
5432 unique CDR3
13 unique J



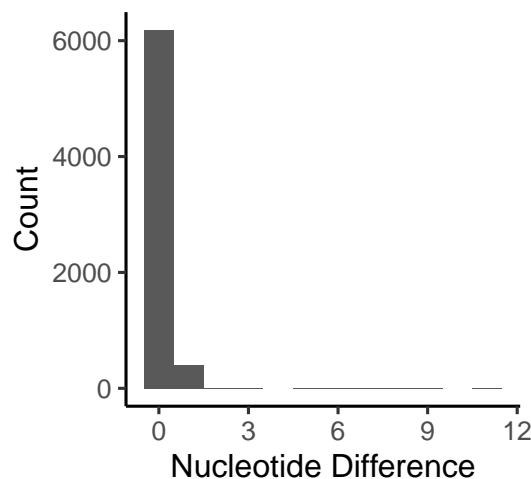
TRBV26*ap01

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



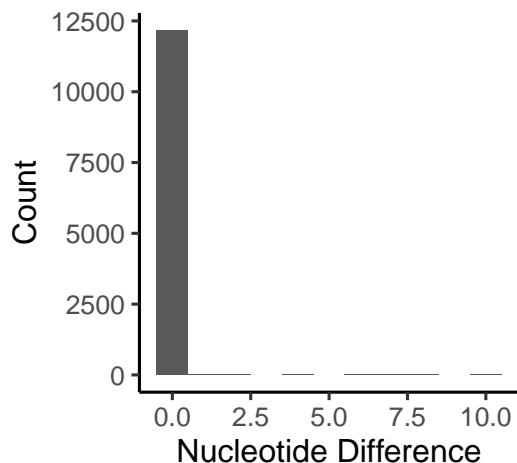
TRBV30*ap01

6600 sequences assigned
6183 (93.7%) exact matches, in which:
6172 unique CDR3
13 unique J



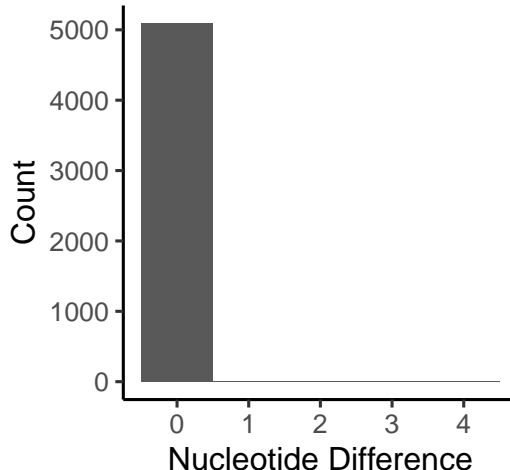
TRBV9*ap01

12199 sequences assigned
12174 (99.8%) exact matches, in which:
12168 unique CDR3
13 unique J



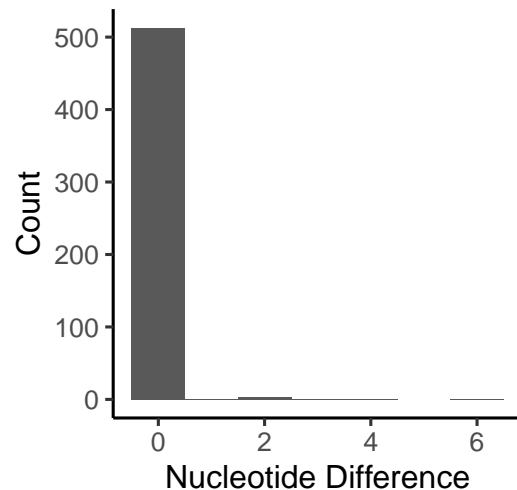
TRBV11-2*ap01

5102 sequences assigned
5091 (99.8%) exact matches, in which:
5091 unique CDR3
13 unique J



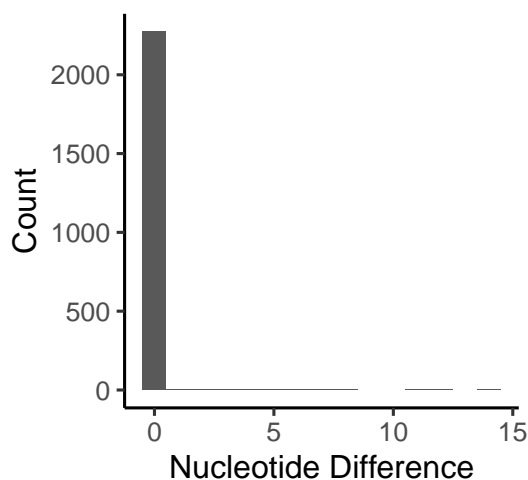
TRBV12-2*ap01

520 sequences assigned
513 (98.7%) exact matches, in which:
512 unique CDR3
13 unique J



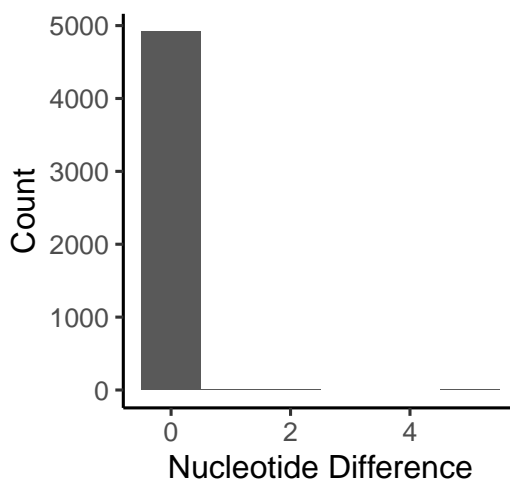
TRBV21-1*ap01

2306 sequences assigned
2273 (98.6%) exact matches, in which:
2272 unique CDR3
13 unique J



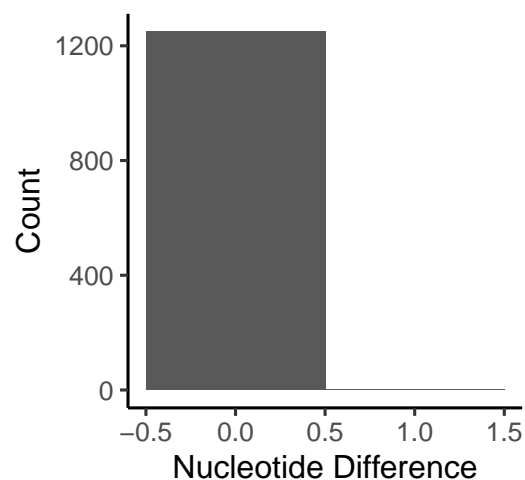
TRBV11-3*ap01

4927 sequences assigned
4916 (99.8%) exact matches, in which:
4914 unique CDR3
13 unique J



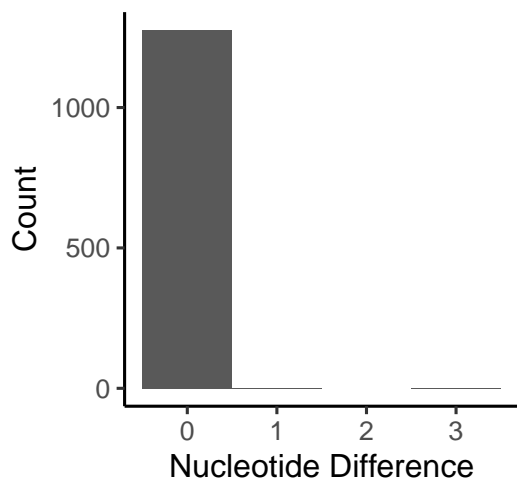
TRBV12-5*ap01

1251 sequences assigned
1249 (99.8%) exact matches, in which:
1248 unique CDR3
13 unique J



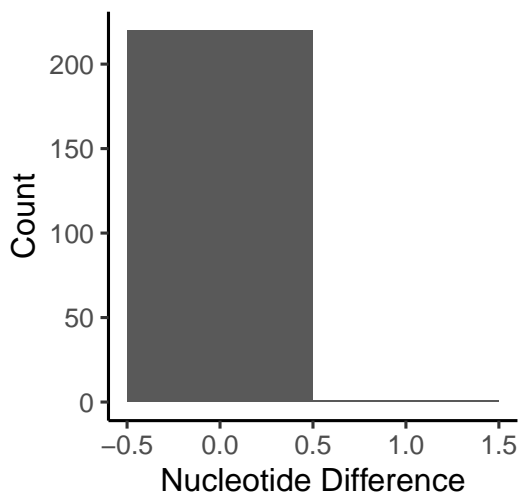
TRBV11-1*ap01

1279 sequences assigned
1276 (99.8%) exact matches, in which:
1276 unique CDR3
13 unique J



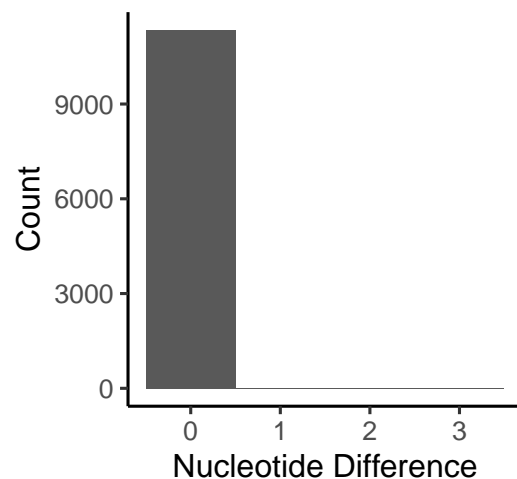
TRBV12-1*ap01

221 sequences assigned
220 (99.5%) exact matches, in which:
220 unique CDR3
13 unique J



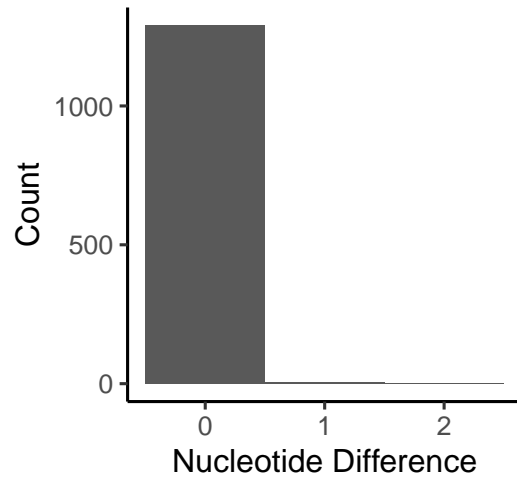
TRBV12-34*ap01

11361 sequences assigned
11342 (99.8%) exact matches, in which:
11341 unique CDR3
13 unique J



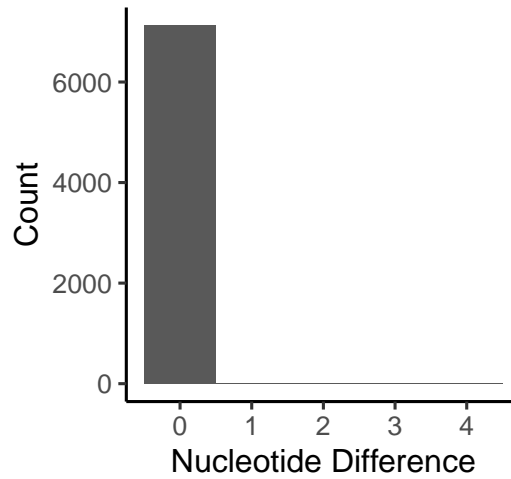
TRBV23-1*ap01

1296 sequences assigned
1290 (99.5%) exact matches, in which:
1289 unique CDR3
13 unique J



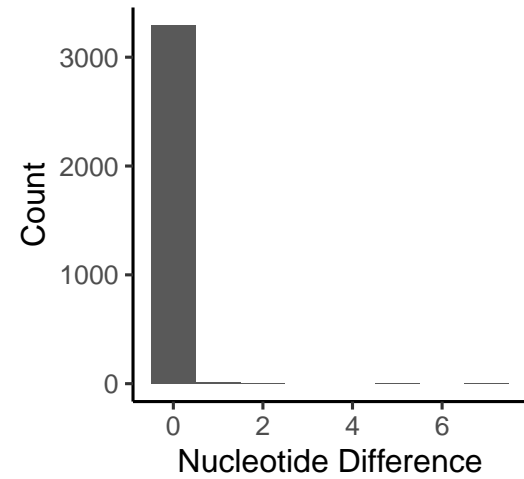
TRBV4-1*ap01

7144 sequences assigned
7126 (99.7%) exact matches, in which:
7124 unique CDR3
13 unique J



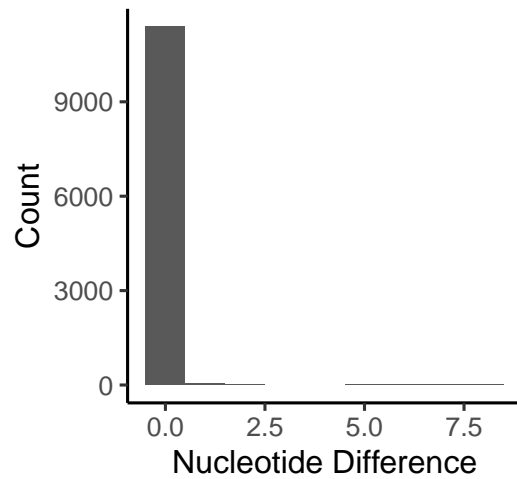
TRBV25-1*ap01

3309 sequences assigned
3292 (99.5%) exact matches, in which:
3285 unique CDR3
13 unique J



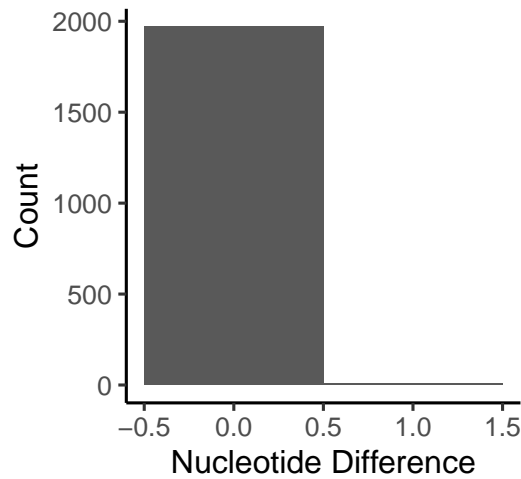
TRBV3-12*ap01

11430 sequences assigned
11386 (99.6%) exact matches, in which:
11360 unique CDR3
13 unique J



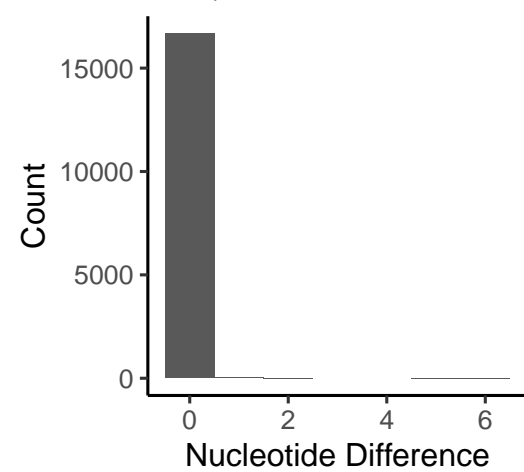
TRBV4-2*ap01

1976 sequences assigned
1970 (99.7%) exact matches, in which:
1970 unique CDR3
13 unique J



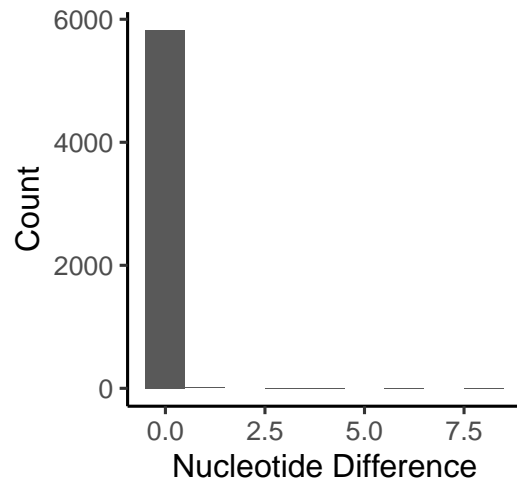
TRBV5-1*ap01

16704 sequences assigned
16676 (99.8%) exact matches, in which:
16659 unique CDR3
13 unique J



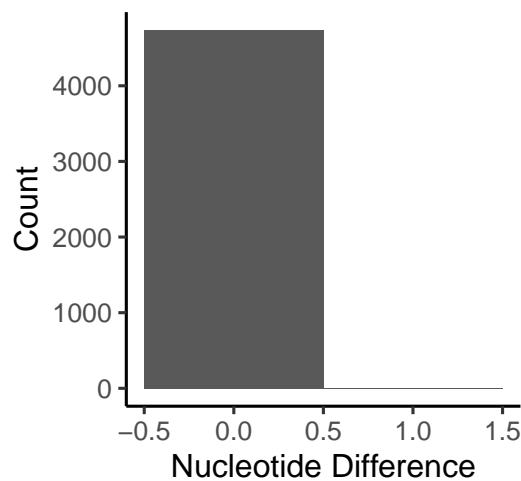
TRBV24-1*ap01

5845 sequences assigned
5825 (99.7%) exact matches, in which:
5807 unique CDR3
13 unique J



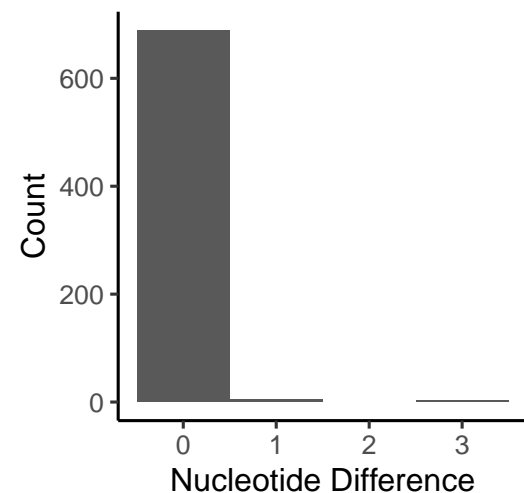
TRBV4-3*ap01

4743 sequences assigned
4737 (99.9%) exact matches, in which:
4734 unique CDR3
13 unique J



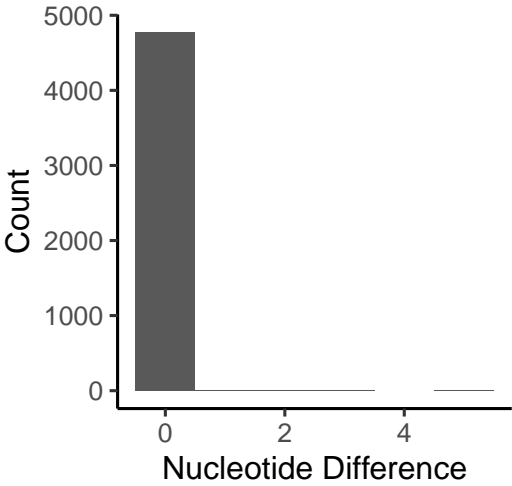
TRBV5-3*ap01

696 sequences assigned
689 (99%) exact matches, in which:
689 unique CDR3
13 unique J



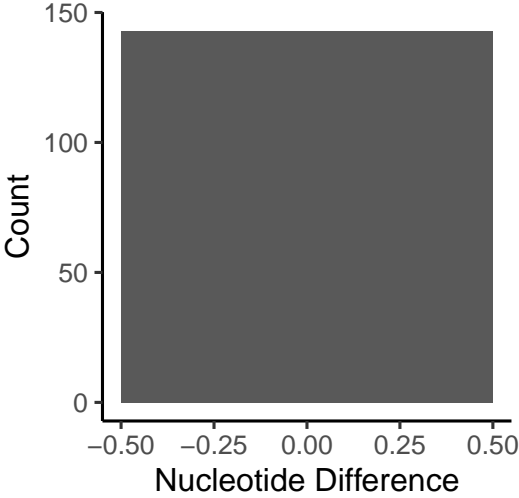
TRBV5-4*ap01

4785 sequences assigned
4772 (99.7%) exact matches, in which:
4772 unique CDR3
13 unique J



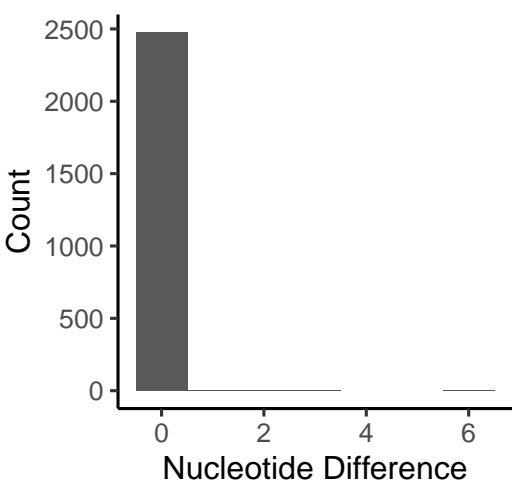
TRBV5-7*ap01

143 sequences assigned
143 (100%) exact matches, in which:
143 unique CDR3
13 unique J



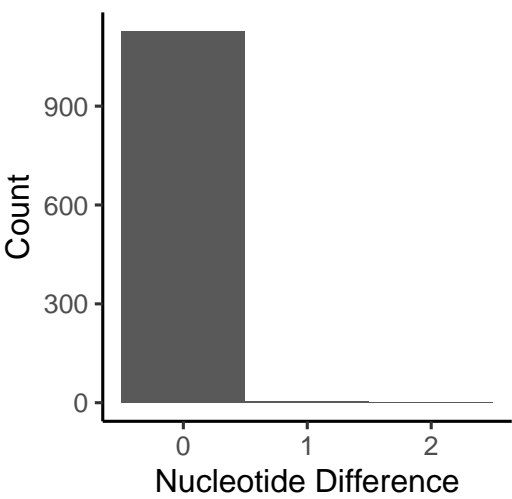
TRBV6-4*ap01

2491 sequences assigned
2476 (99.4%) exact matches, in which:
2474 unique CDR3
13 unique J



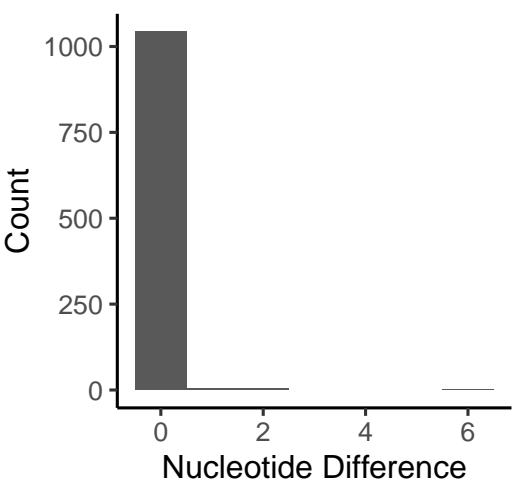
TRBV5-5*ap01

1133 sequences assigned
1128 (99.6%) exact matches, in which:
1128 unique CDR3
13 unique J



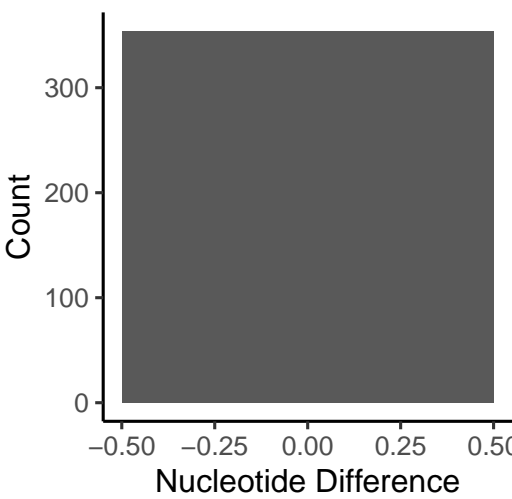
TRBV5-8*ap01

1052 sequences assigned
1043 (99.1%) exact matches, in which:
1043 unique CDR3
13 unique J



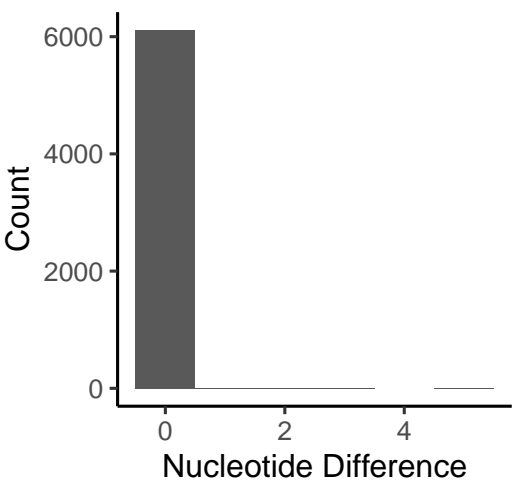
TRBV6-7*ap01

354 sequences assigned
354 (100%) exact matches, in which:
354 unique CDR3
13 unique J



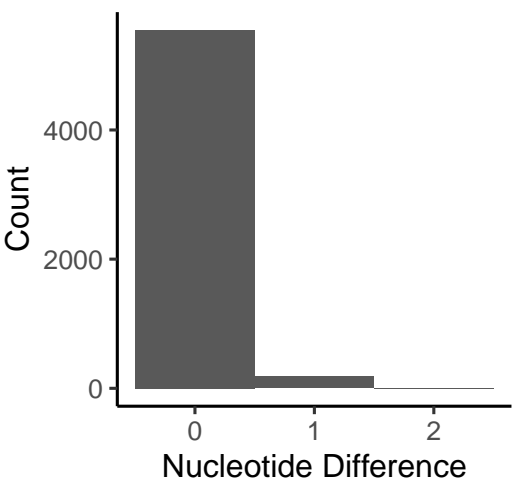
TRBV5-6*ap01

6126 sequences assigned
6113 (99.8%) exact matches, in which:
6105 unique CDR3
13 unique J



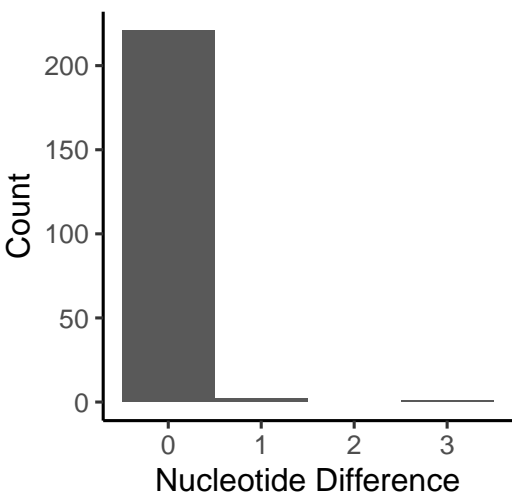
TRBV6-1*ap01

5733 sequences assigned
5547 (96.8%) exact matches, in which:
5542 unique CDR3
13 unique J



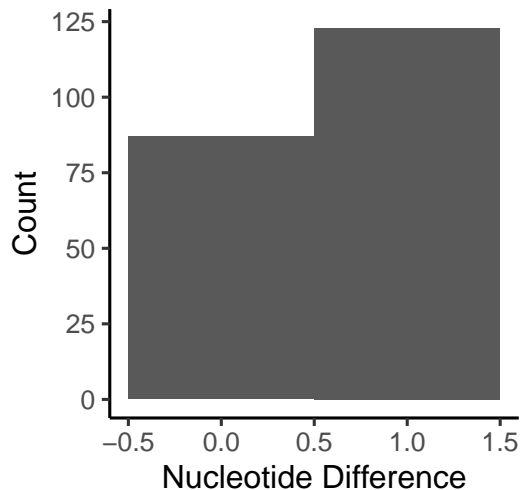
TRBV6-8*ap01

224 sequences assigned
221 (98.7%) exact matches, in which:
220 unique CDR3
13 unique J



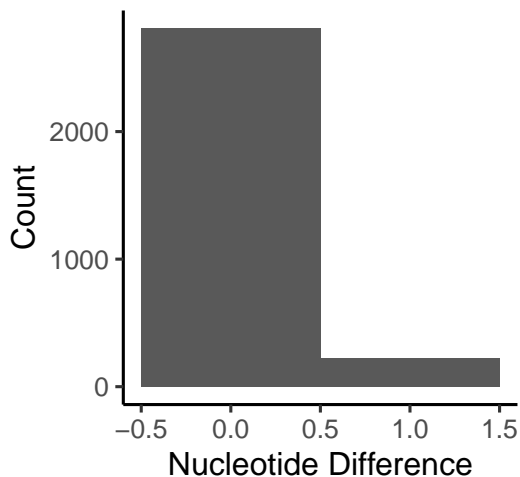
TRBV6-9*ap01

210 sequences assigned
87 (41.4%) exact matches, in which:
87 unique CDR3
13 unique J



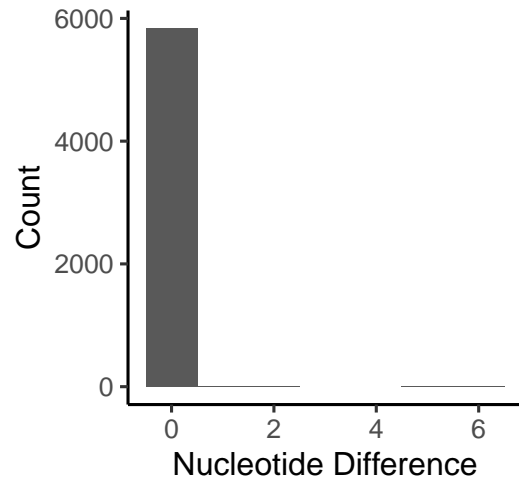
TRBV6-56*ap02

3034 sequences assigned
2809 (92.6%) exact matches, in which:
2808 unique CDR3
13 unique J



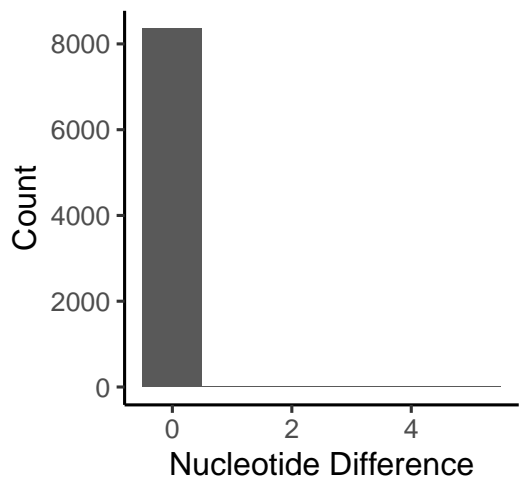
TRBV7-3*ap01

5854 sequences assigned
5837 (99.7%) exact matches, in which:
5832 unique CDR3
13 unique J



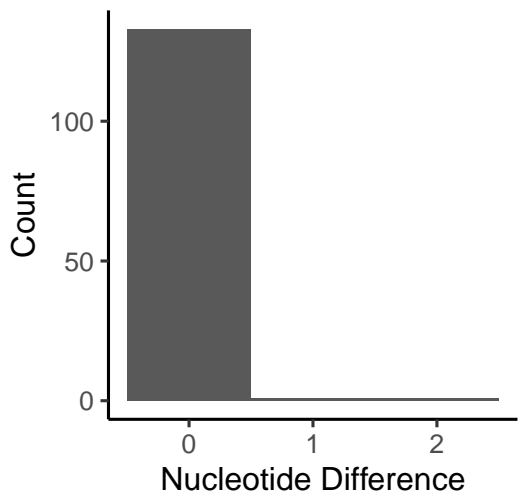
TRBV6-23*ap01

8376 sequences assigned
8354 (99.7%) exact matches, in which:
8337 unique CDR3
13 unique J



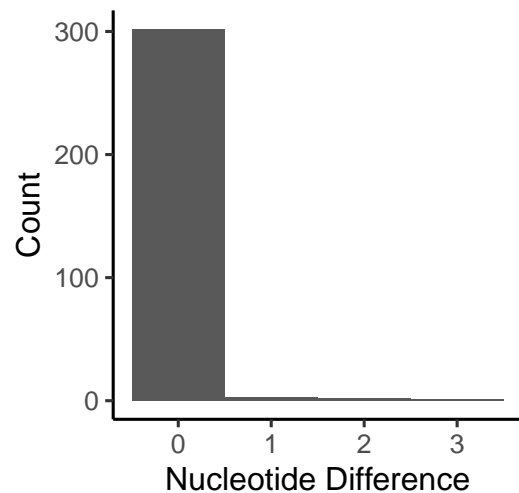
TRBV7-1*ap01_G291C_

135 sequences assigned
133 (98.5%) exact matches, in which:
133 unique CDR3
13 unique J



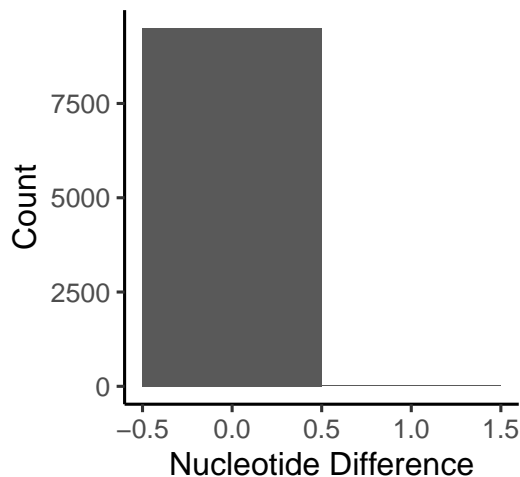
TRBV7-4*ap01

308 sequences assigned
302 (98.1%) exact matches, in which:
302 unique CDR3
13 unique J



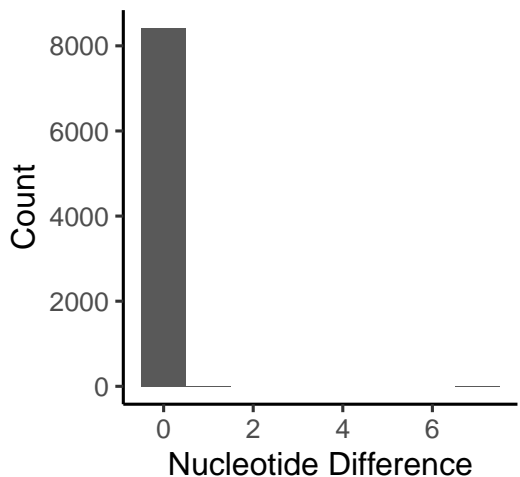
TRBV6-56*ap01

9519 sequences assigned
9500 (99.8%) exact matches, in which:
9495 unique CDR3
13 unique J



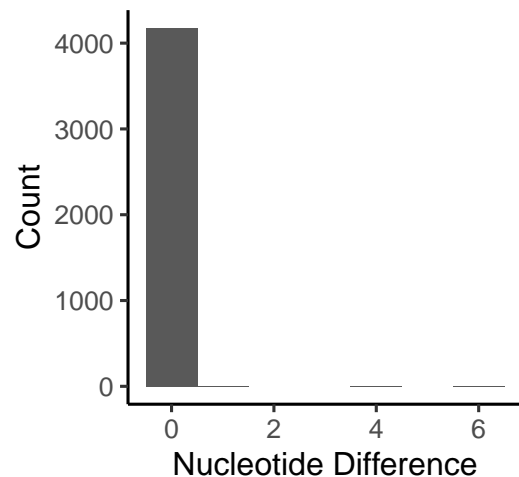
TRBV7-2*ap01

8431 sequences assigned
8418 (99.8%) exact matches, in which:
8418 unique CDR3
13 unique J



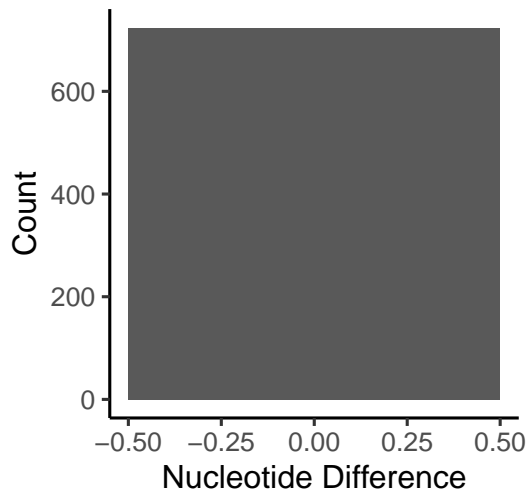
TRBV7-6*ap01

4184 sequences assigned
4176 (99.8%) exact matches, in which:
4174 unique CDR3
13 unique J



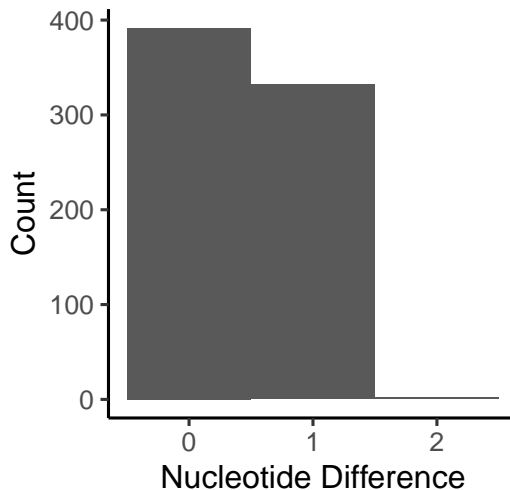
TRBV7-7*ap01

724 sequences assigned
724 (100%) exact matches, in which:
724 unique CDR3
13 unique J



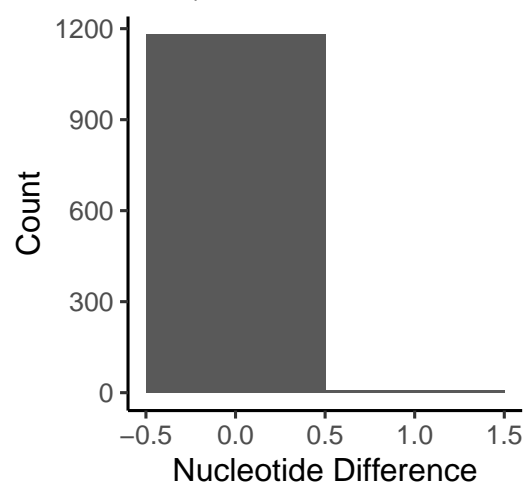
TRBV7-8*ap03

726 sequences assigned
392 (54%) exact matches, in which:
392 unique CDR3
13 unique J



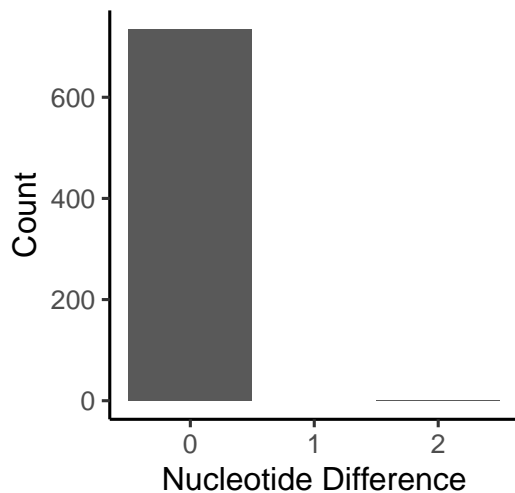
TRBV29-1*ap02

1189 sequences assigned
1181 (99.3%) exact matches, in which:
1177 unique CDR3
13 unique J



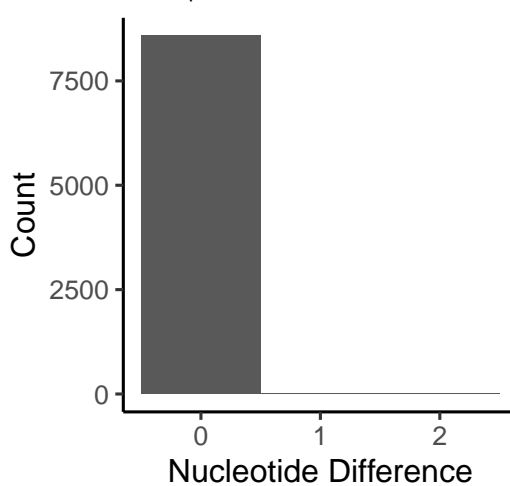
TRBV7-7*ap01_C315T

736 sequences assigned
735 (99.9%) exact matches, in which:
734 unique CDR3
12 unique J



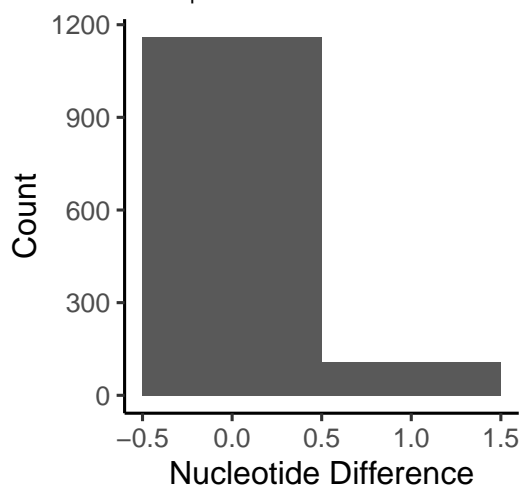
TRBV7-9*ap01

8599 sequences assigned
8582 (99.8%) exact matches, in which:
8579 unique CDR3
13 unique J



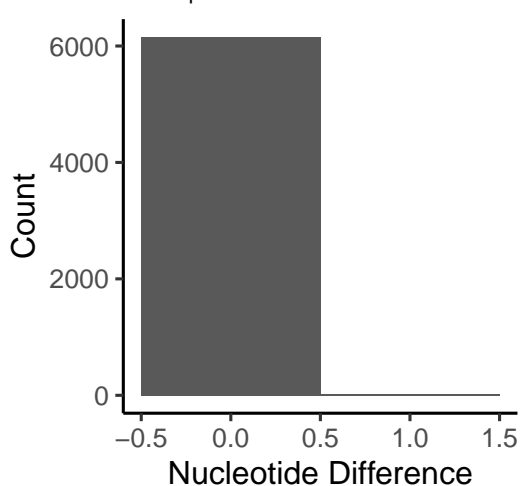
TRBV7-8*ap01

1267 sequences assigned
1160 (91.6%) exact matches, in which:
1160 unique CDR3
13 unique J

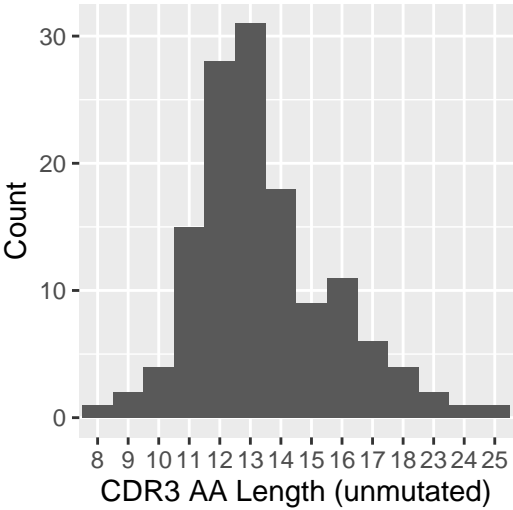


TRBV29-1*ap01

6175 sequences assigned
6154 (99.7%) exact matches, in which:
6138 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T

