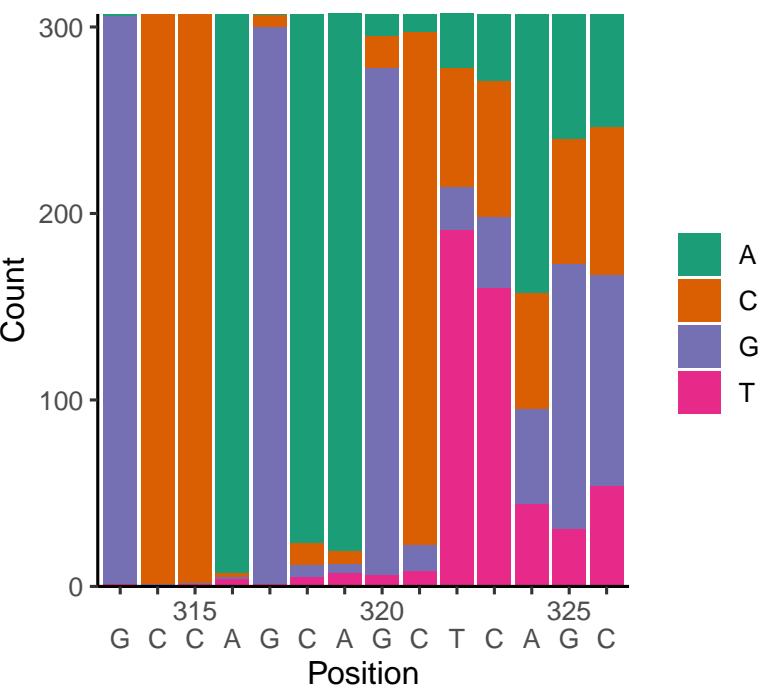
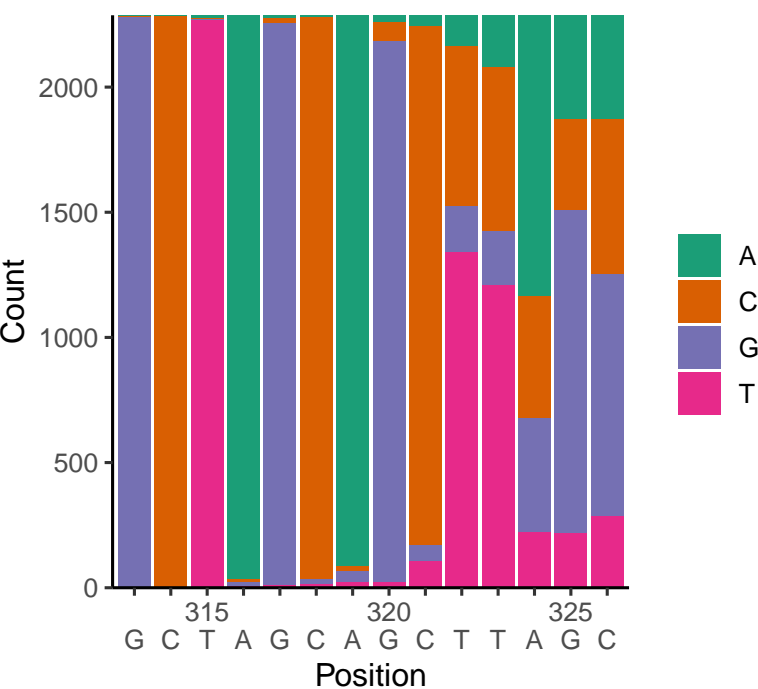


Gene TRBV7-1*ap01_G291C_T296C



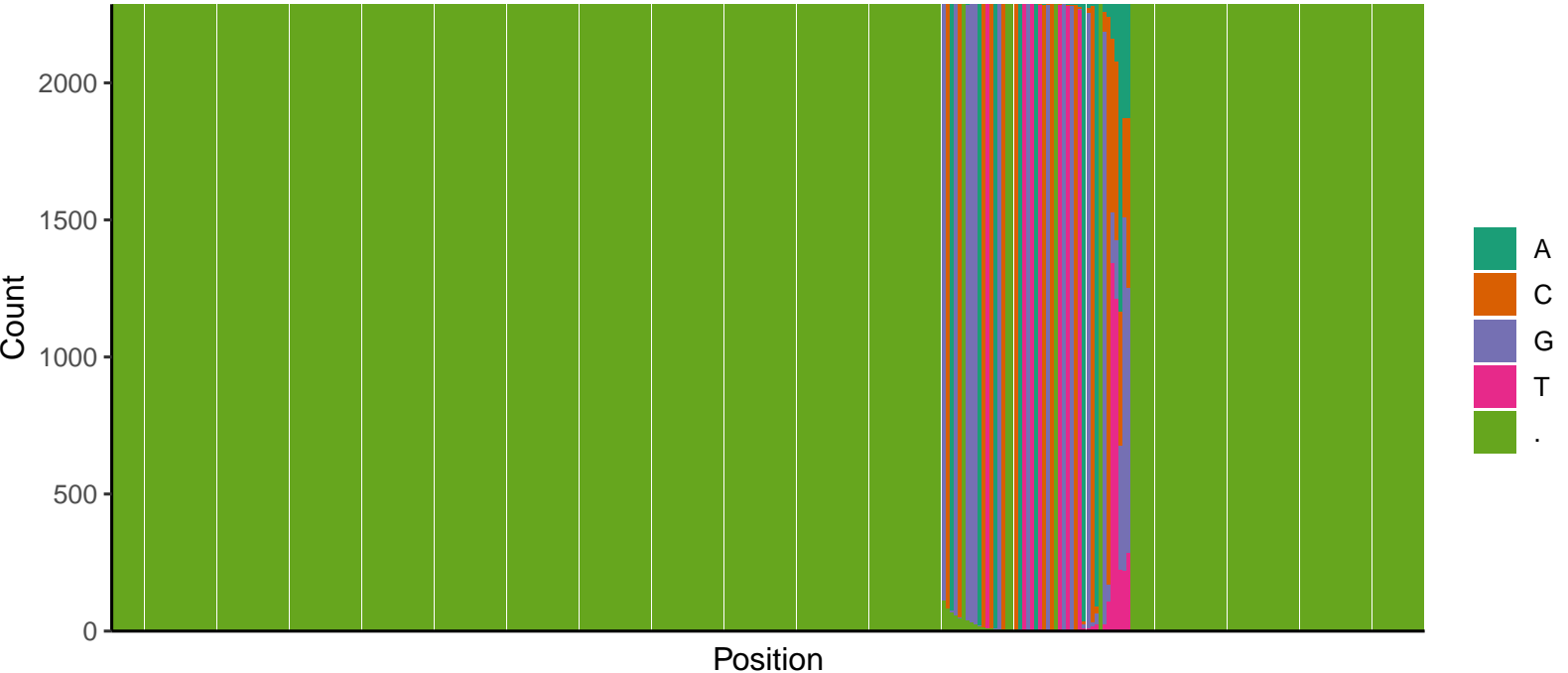
Gene TRBV7-7*ap01_C315T



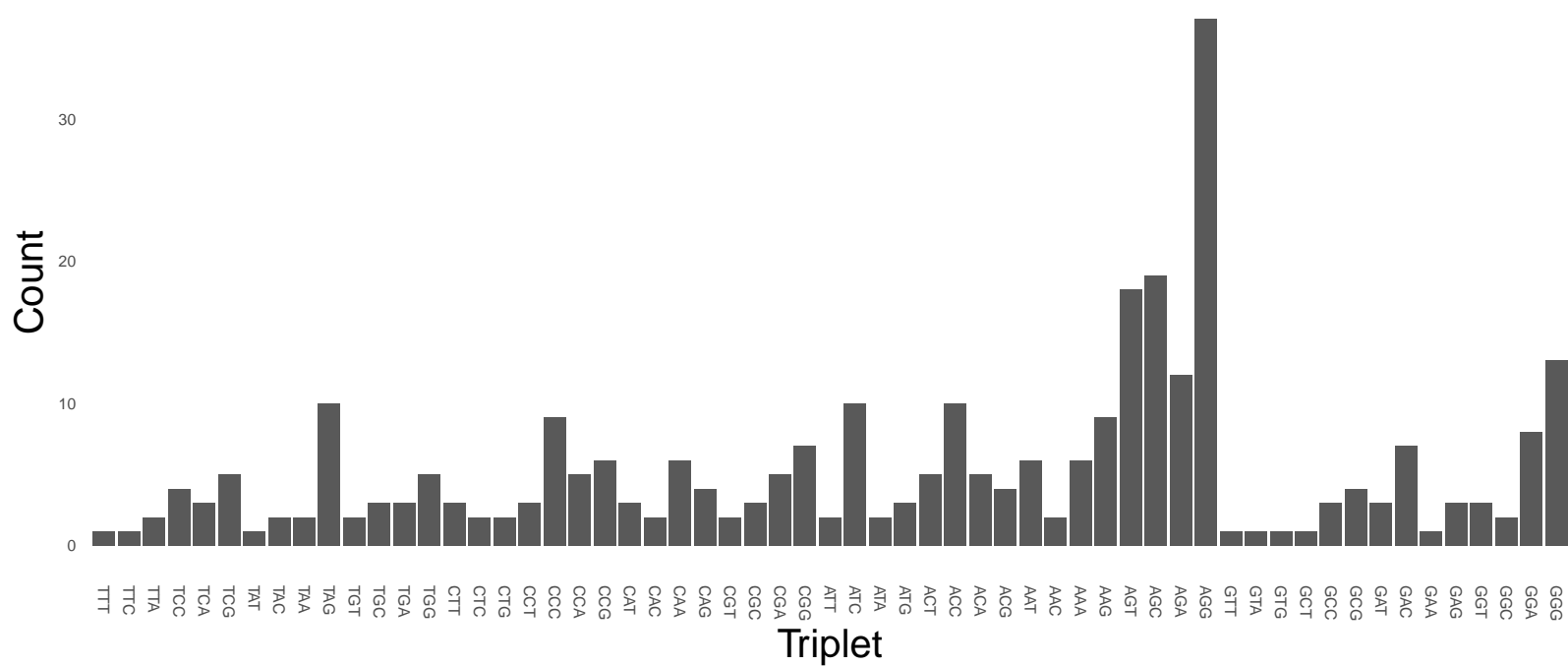
Gene TRBV7-1*ap01_G291C_T296C



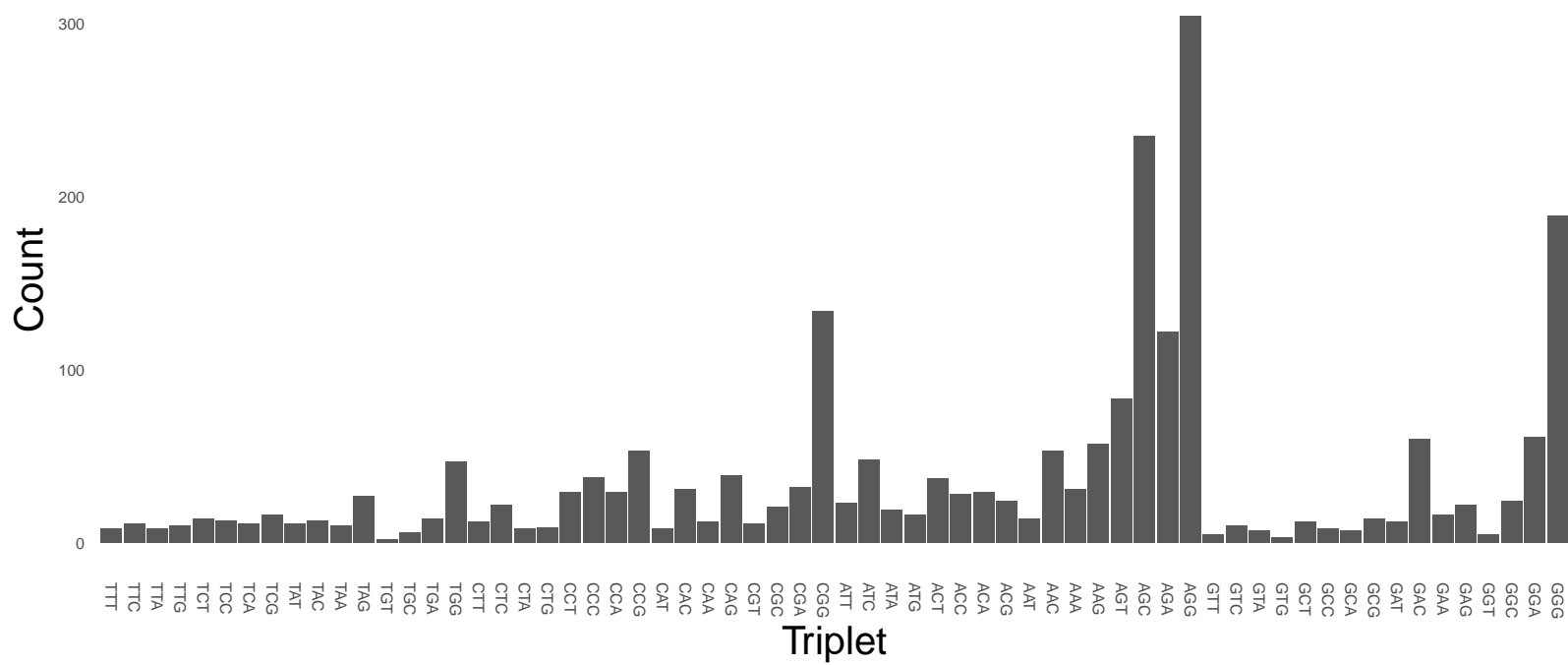
Gene TRBV7-7*ap01_C315T



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

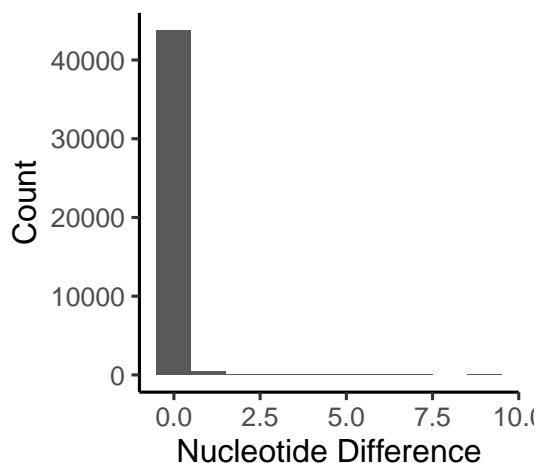


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



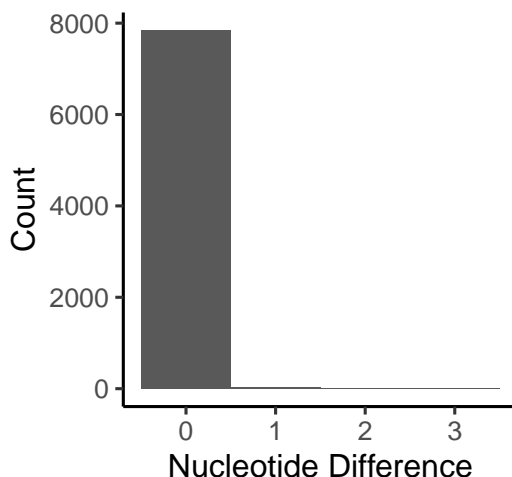
TRBV20-1*ap01

44222 sequences assigned
43792 (99%) exact matches, in which:
43083 unique CDR3
13 unique J



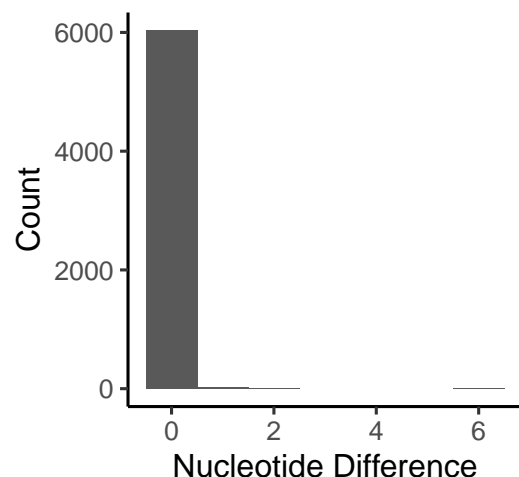
TRBV10-3*ap01

7887 sequences assigned
7841 (99.4%) exact matches, in which:
7705 unique CDR3
13 unique J



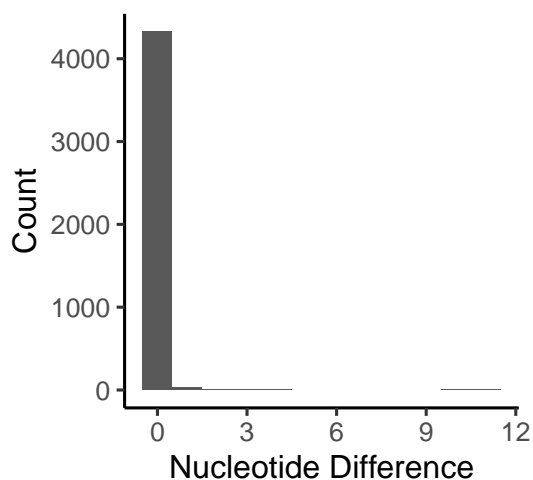
TRBV14*ap01

6070 sequences assigned
6034 (99.4%) exact matches, in which:
5945 unique CDR3
13 unique J



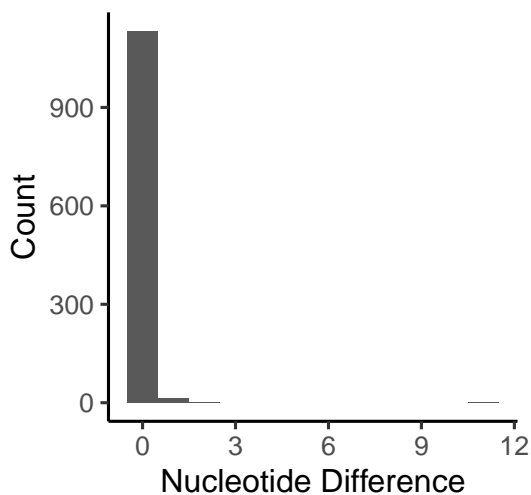
TRBV10-1*ap01

4362 sequences assigned
4326 (99.2%) exact matches, in which:
4252 unique CDR3
13 unique J



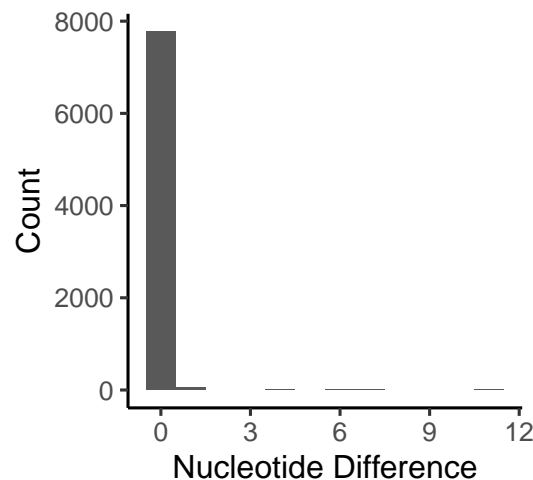
TRBV1*ap01

1149 sequences assigned
1133 (98.6%) exact matches, in which:
1099 unique CDR3
13 unique J



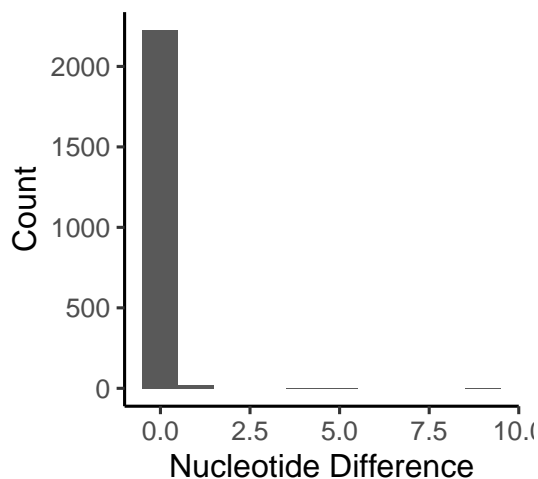
TRBV15*ap02

7826 sequences assigned
7771 (99.3%) exact matches, in which:
7587 unique CDR3
13 unique J



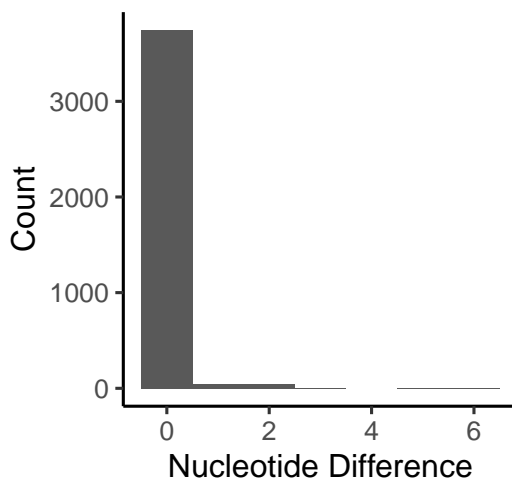
TRBV10-2*ap01

2250 sequences assigned
2226 (98.9%) exact matches, in which:
2191 unique CDR3
13 unique J



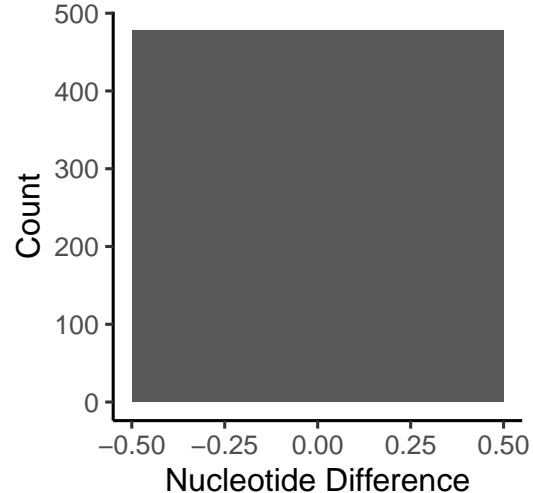
TRBV13*ap01

3837 sequences assigned
3745 (97.6%) exact matches, in which:
3647 unique CDR3
13 unique J



TRBV16*ap01

478 sequences assigned
478 (100%) exact matches, in which:
473 unique CDR3
13 unique J



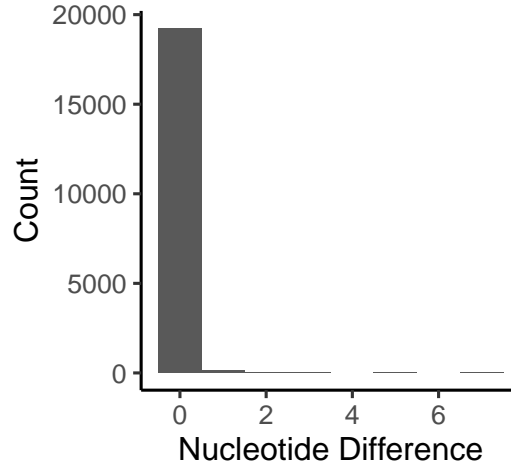
TRBV17*ap01

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



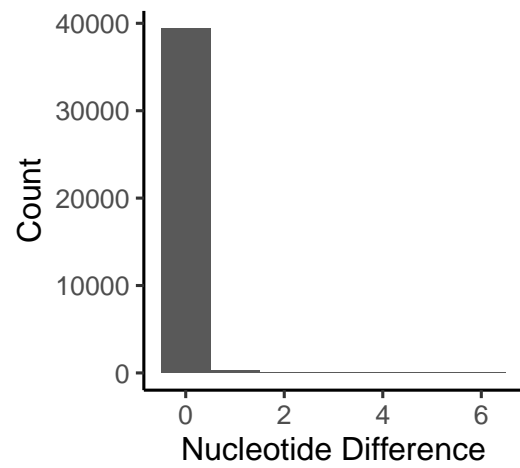
TRBV2*ap01

19404 sequences assigned
19245 (99.2%) exact matches, in which:
18897 unique CDR3
13 unique J



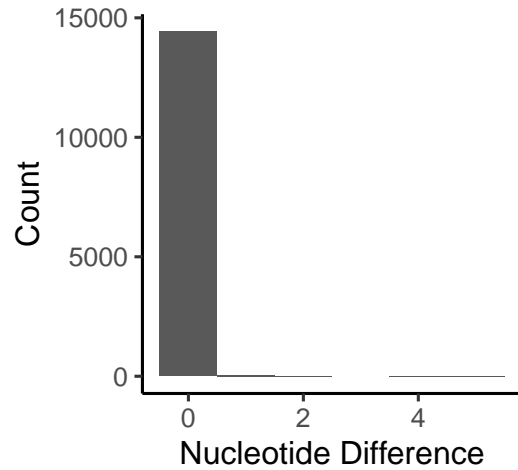
TRBV28*ap01

39699 sequences assigned
39445 (99.4%) exact matches, in which:
38906 unique CDR3
13 unique J



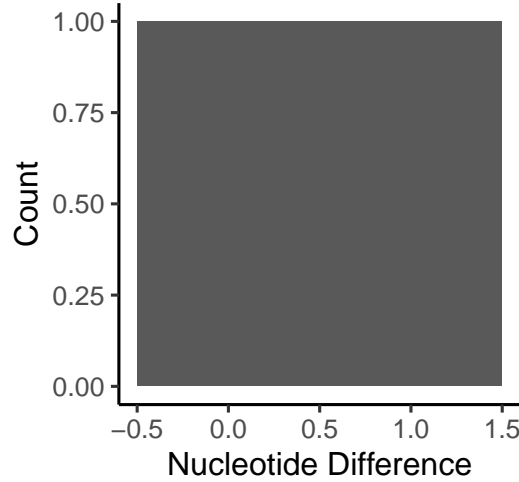
TRBV18*ap01

14485 sequences assigned
14429 (99.6%) exact matches, in which:
14303 unique CDR3
13 unique J



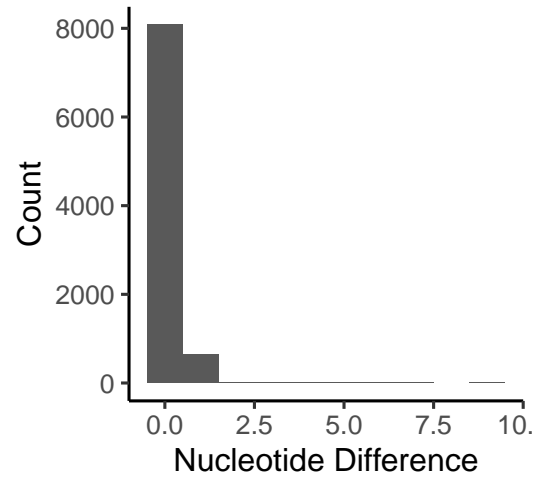
TRBV26*ap01

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



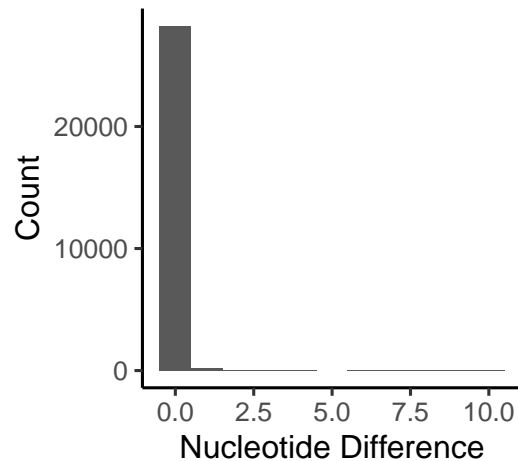
TRBV30*ap01

8739 sequences assigned
8081 (92.5%) exact matches, in which:
7862 unique CDR3
13 unique J



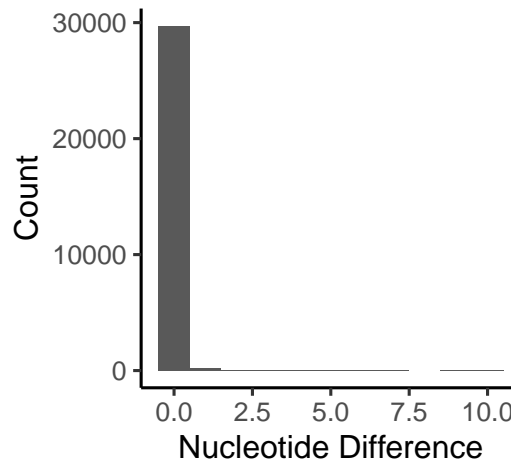
TRBV19*ap01

28453 sequences assigned
28251 (99.3%) exact matches, in which:
28015 unique CDR3
13 unique J



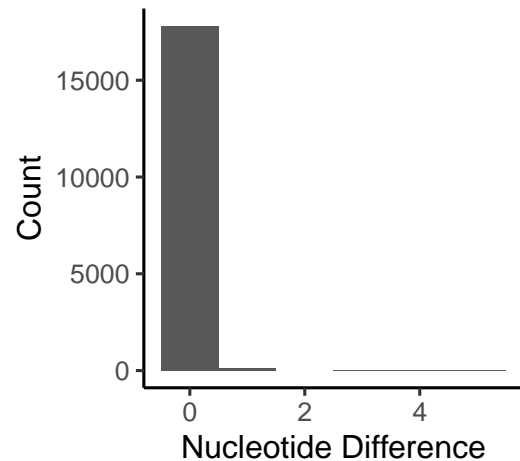
TRBV27*ap01

29966 sequences assigned
29728 (99.2%) exact matches, in which:
29124 unique CDR3
13 unique J



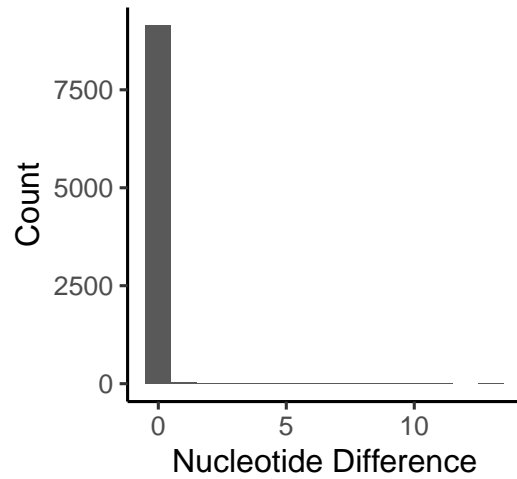
TRBV9*ap01

17933 sequences assigned
17814 (99.3%) exact matches, in which:
17570 unique CDR3
13 unique J



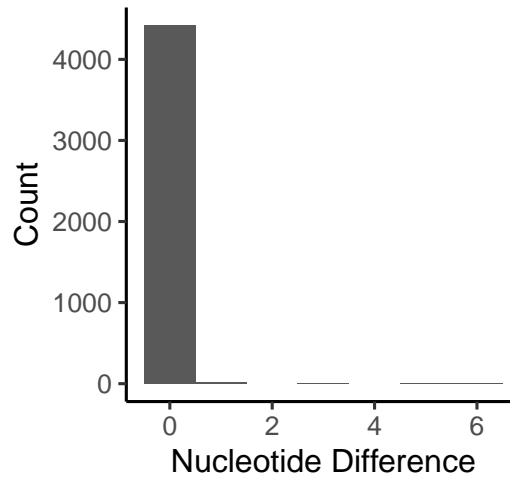
TRBV21-1*ap01

9235 sequences assigned
9143 (99%) exact matches, in which:
9053 unique CDR3
13 unique J



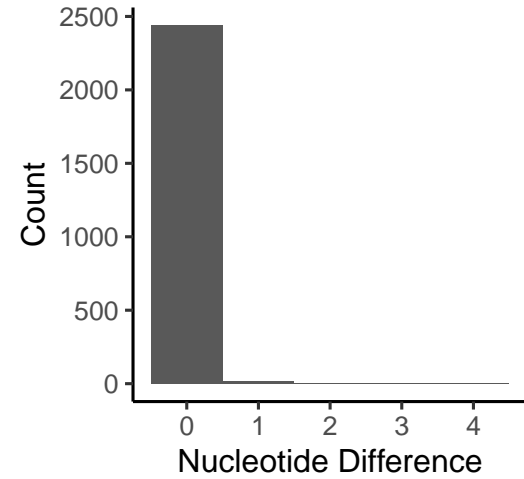
TRBV11-3*ap01

4437 sequences assigned
4419 (99.6%) exact matches, in which:
4399 unique CDR3
13 unique J



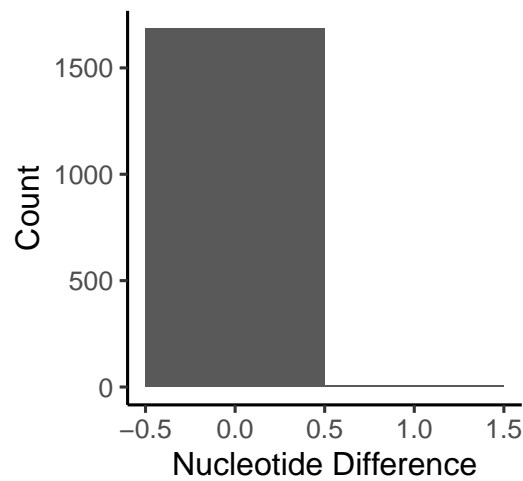
TRBV12-5*ap01

2458 sequences assigned
2439 (99.2%) exact matches, in which:
2402 unique CDR3
13 unique J



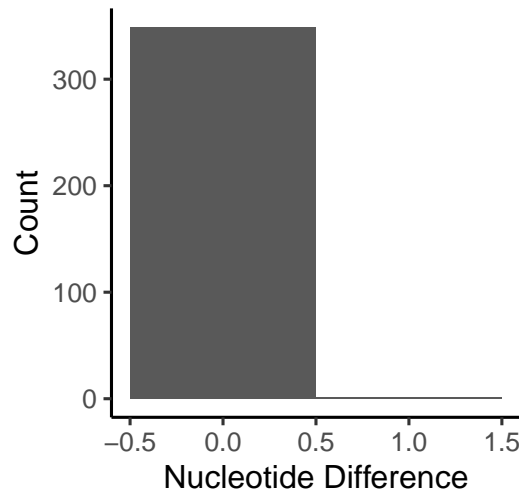
TRBV11-1*ap01

1689 sequences assigned
1684 (99.7%) exact matches, in which:
1671 unique CDR3
13 unique J



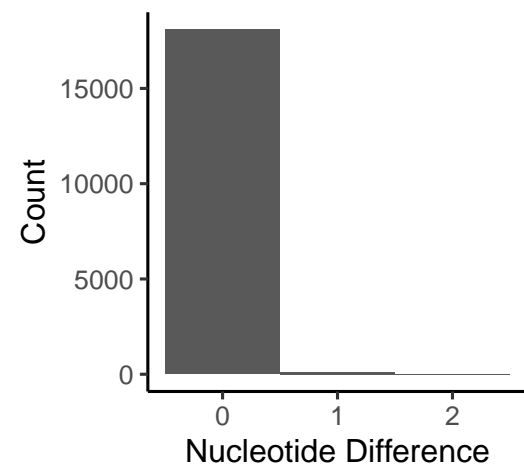
TRBV12-1*ap01

350 sequences assigned
349 (99.7%) exact matches, in which:
345 unique CDR3
12 unique J



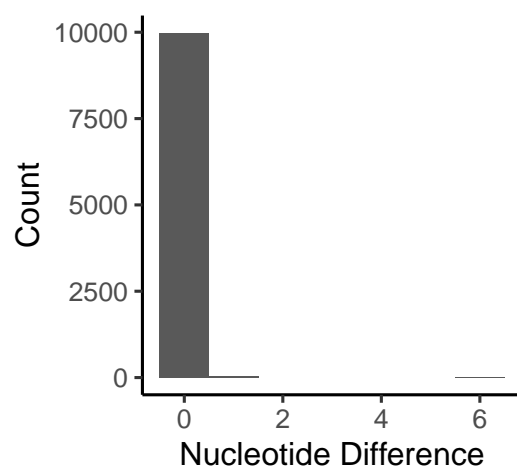
TRBV12-34*ap01

18222 sequences assigned
18093 (99.3%) exact matches, in which:
17746 unique CDR3
13 unique J



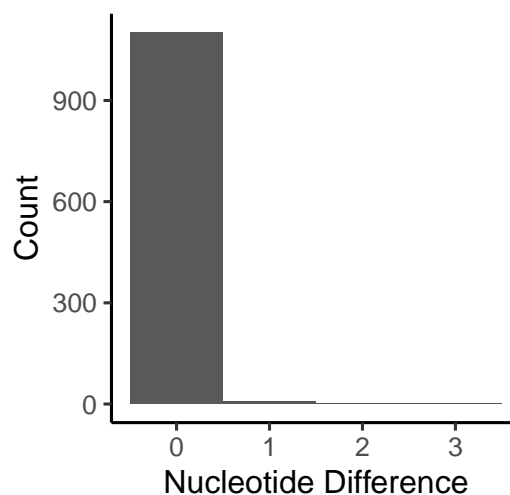
TRBV11-2*ap01

10017 sequences assigned
9984 (99.7%) exact matches, in which:
9921 unique CDR3
13 unique J



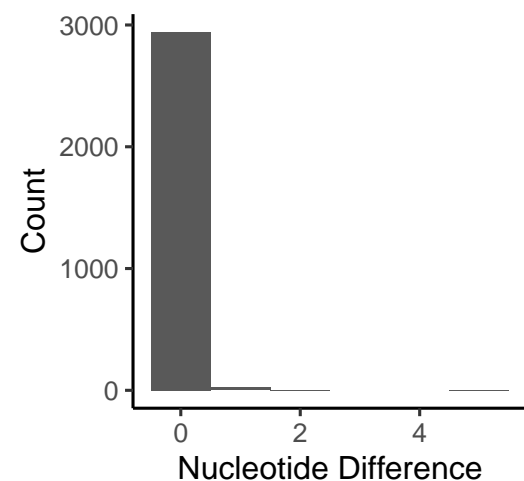
TRBV12-2*ap01

1112 sequences assigned
1102 (99.1%) exact matches, in which:
1088 unique CDR3
13 unique J



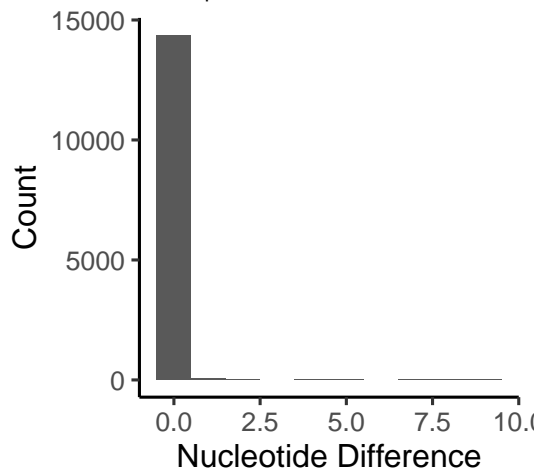
TRBV23-1*ap01

2969 sequences assigned
2942 (99.1%) exact matches, in which:
2903 unique CDR3
13 unique J



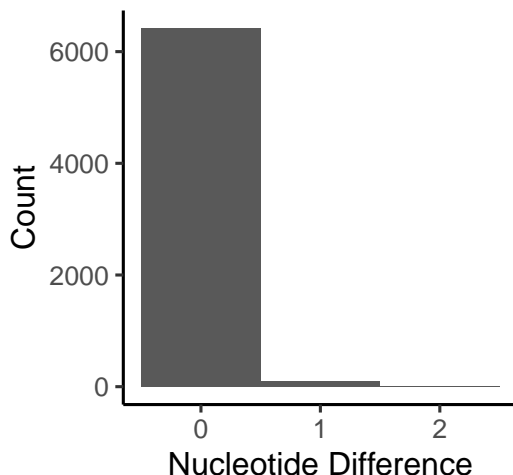
TRBV3-12*ap01

14450 sequences assigned
14368 (99.4%) exact matches, in which:
14223 unique CDR3
13 unique J



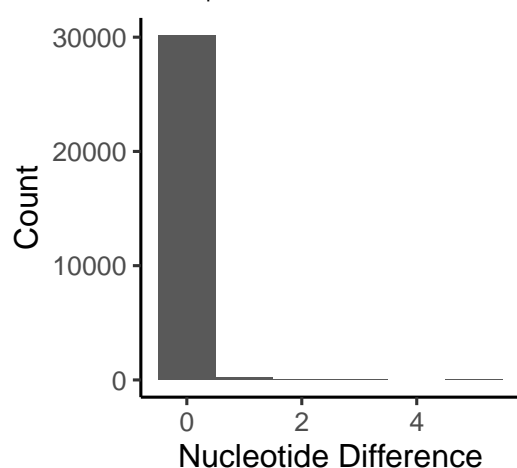
TRBV4-2*ap01

6509 sequences assigned
6416 (98.6%) exact matches, in which:
6253 unique CDR3
13 unique J



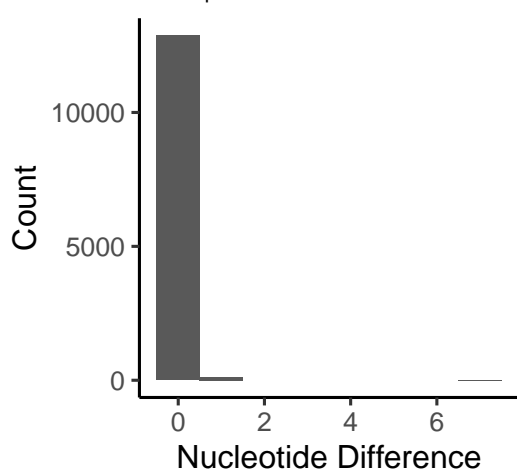
TRBV5-1*ap01

30422 sequences assigned
30177 (99.2%) exact matches, in which:
29417 unique CDR3
13 unique J



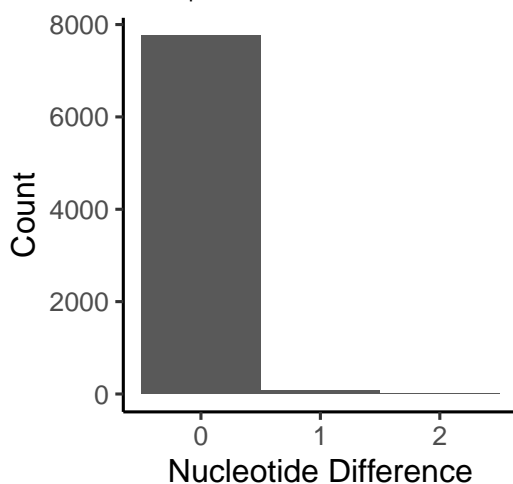
TRBV4-1*ap01

12991 sequences assigned
12875 (99.1%) exact matches, in which:
12496 unique CDR3
13 unique J



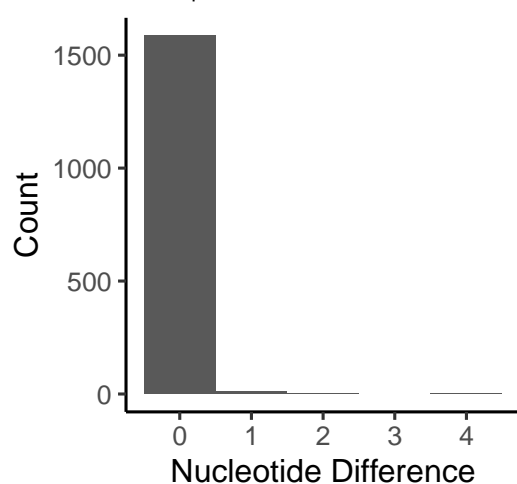
TRBV4-3*ap01

7828 sequences assigned
7758 (99.1%) exact matches, in which:
7579 unique CDR3
13 unique J



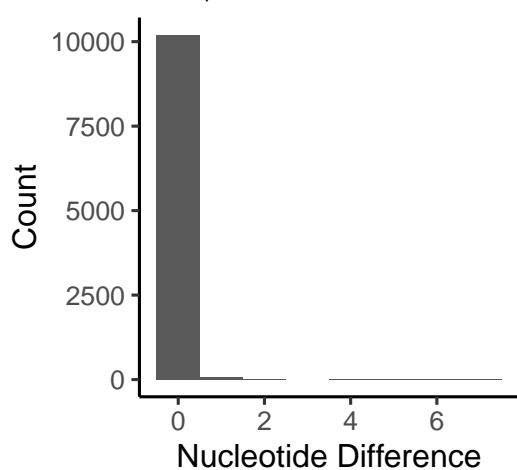
TRBV5-3*ap01

1601 sequences assigned
1586 (99.1%) exact matches, in which:
1555 unique CDR3
13 unique J



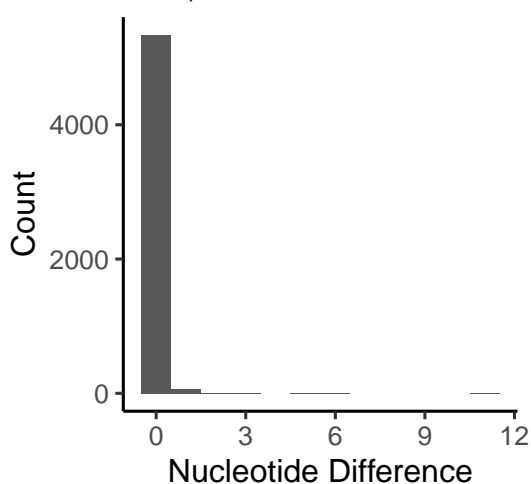
TRBV24-1*ap01

10299 sequences assigned
10203 (99.1%) exact matches, in which:
10005 unique CDR3
13 unique J



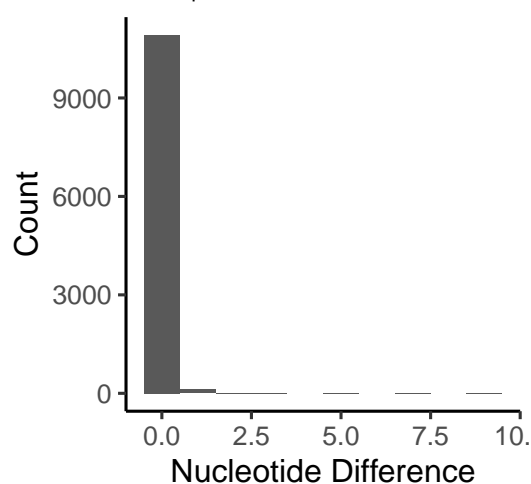
TRBV25-1*ap01

5408 sequences assigned
5336 (98.7%) exact matches, in which:
5188 unique CDR3
13 unique J



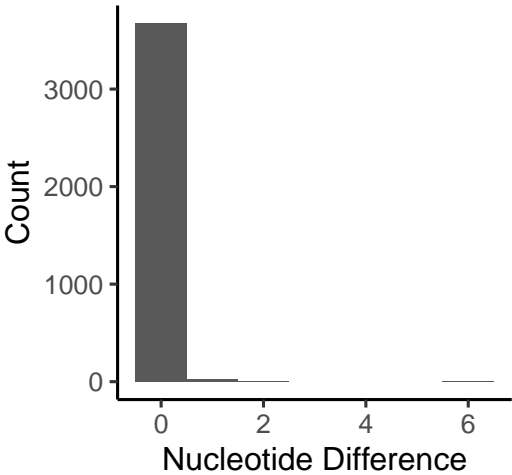
TRBV5-4*ap01

11039 sequences assigned
10917 (98.9%) exact matches, in which:
10667 unique CDR3
13 unique J



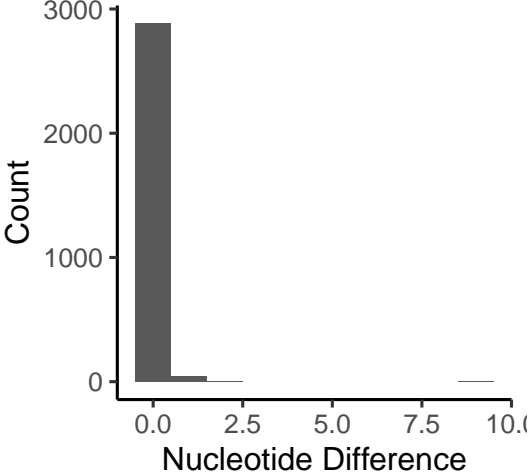
TRBV5-5*ap01

3699 sequences assigned
3673 (99.3%) exact matches, in which:
3646 unique CDR3
13 unique J



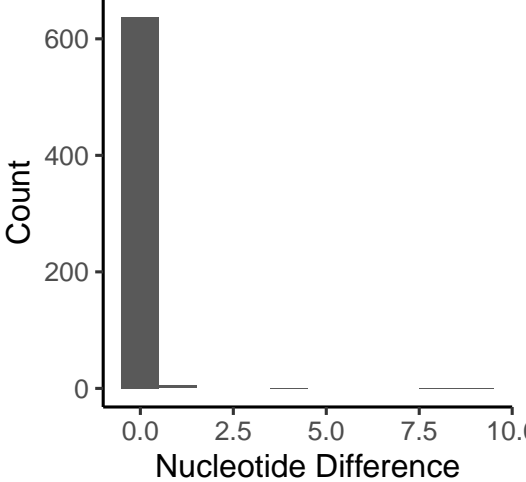
TRBV5-8*ap01

2934 sequences assigned
2884 (98.3%) exact matches, in which:
2836 unique CDR3
13 unique J



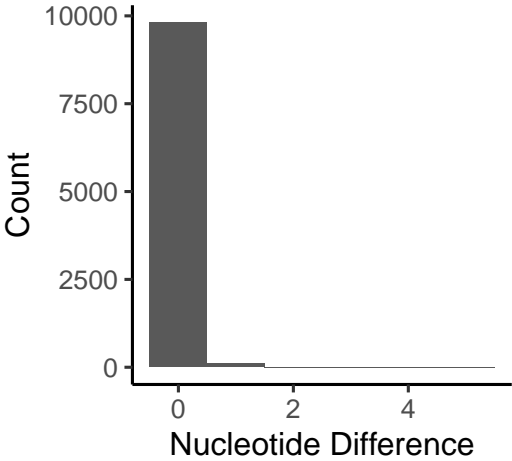
TRBV6-7*ap01

646 sequences assigned
638 (98.8%) exact matches, in which:
626 unique CDR3
13 unique J



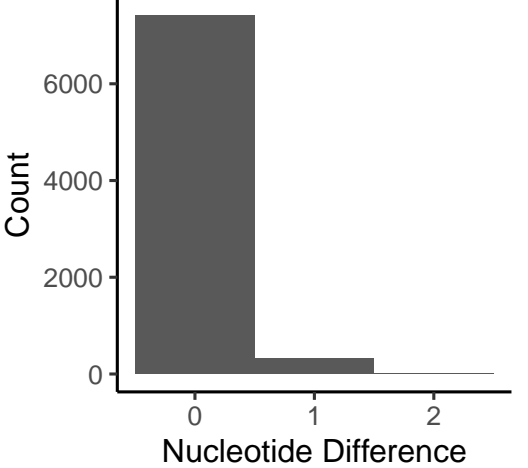
TRBV5-6*ap01

9918 sequences assigned
9812 (98.9%) exact matches, in which:
9487 unique CDR3
13 unique J



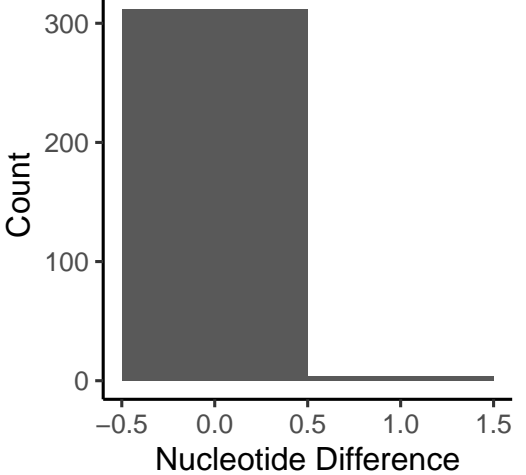
TRBV6-1*ap01

7738 sequences assigned
7407 (95.7%) exact matches, in which:
7228 unique CDR3
13 unique J



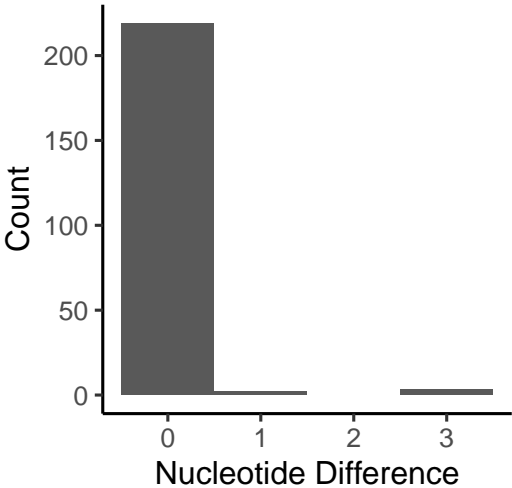
TRBV6-8*ap01

316 sequences assigned
312 (98.7%) exact matches, in which:
307 unique CDR3
13 unique J



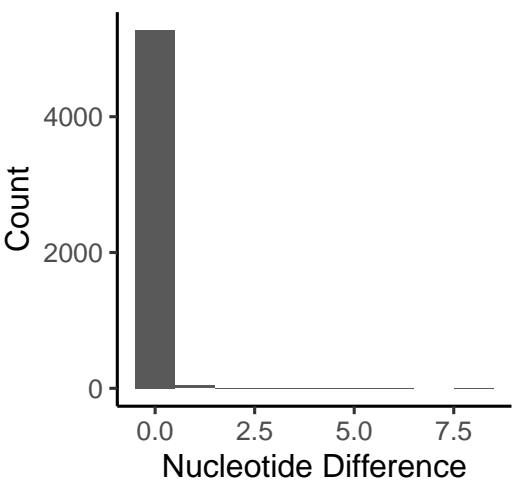
TRBV5-7*ap01

224 sequences assigned
219 (97.8%) exact matches, in which:
212 unique CDR3
13 unique J



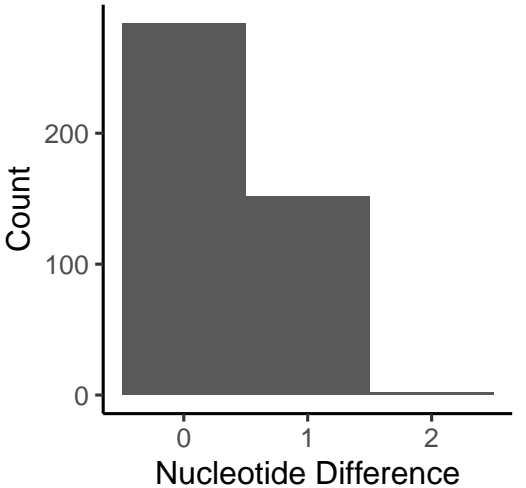
TRBV6-4*ap01

5338 sequences assigned
5276 (98.8%) exact matches, in which:
5209 unique CDR3
13 unique J



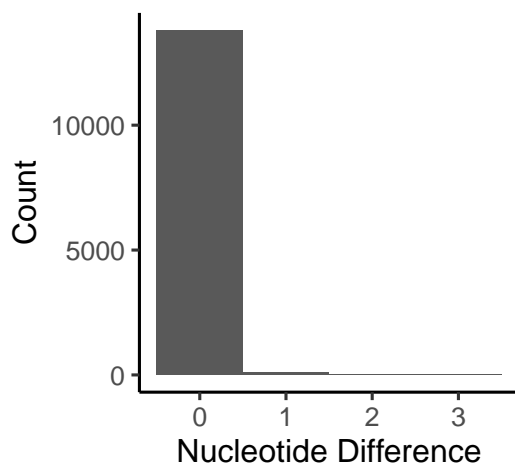
TRBV6-9*ap01

438 sequences assigned
284 (64.8%) exact matches, in which:
278 unique CDR3
13 unique J



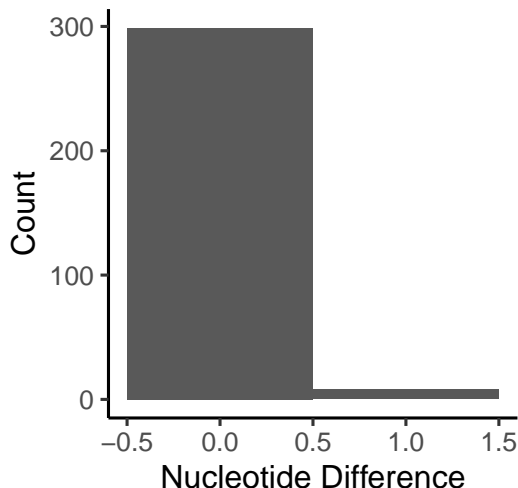
TRBV6-23*ap01

13919 sequences assigned
13804 (99.2%) exact matches, in which:
13360 unique CDR3
13 unique J



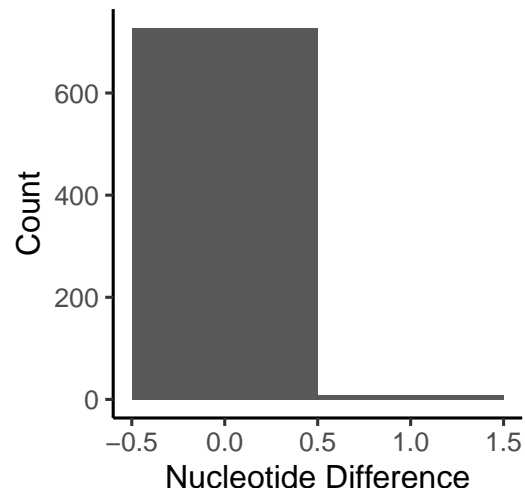
TRBV7-1*ap01_G291C_

307 sequences assigned
299 (97.4%) exact matches, in which:
296 unique CDR3
13 unique J



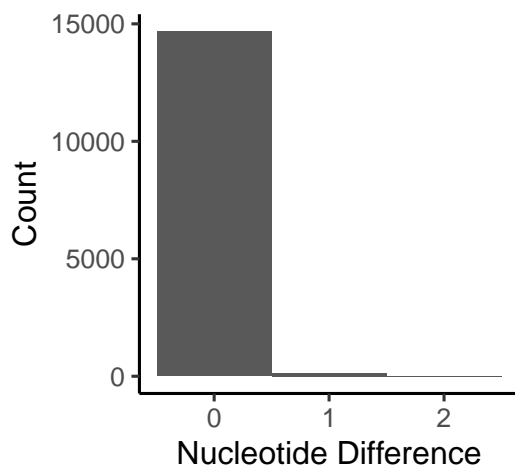
TRBV7-4*ap01

736 sequences assigned
728 (98.9%) exact matches, in which:
717 unique CDR3
13 unique J



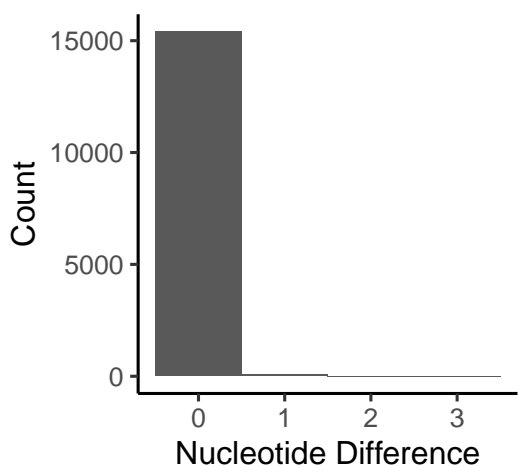
TRBV6-56*ap01

14810 sequences assigned
14676 (99.1%) exact matches, in which:
14292 unique CDR3
13 unique J



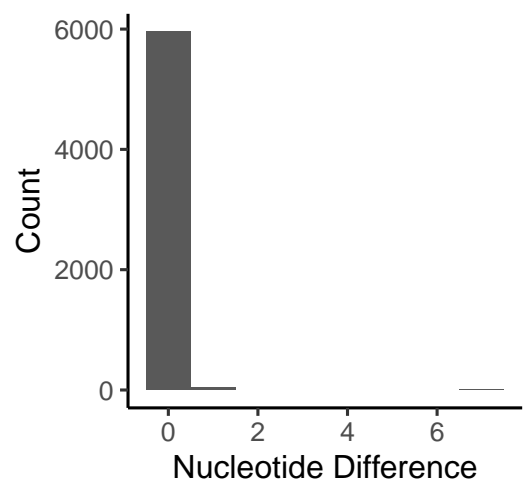
TRBV7-2*ap01

15489 sequences assigned
15411 (99.5%) exact matches, in which:
15203 unique CDR3
13 unique J



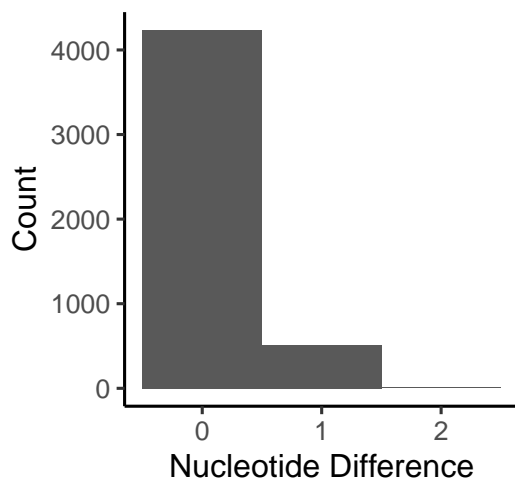
TRBV7-6*ap01

5992 sequences assigned
5956 (99.4%) exact matches, in which:
5828 unique CDR3
13 unique J



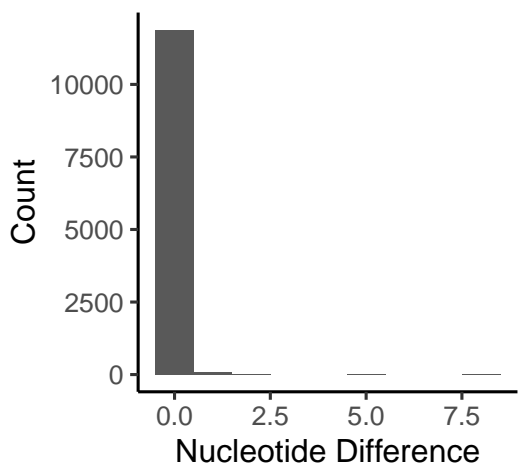
TRBV6-56*ap02

4757 sequences assigned
4235 (89%) exact matches, in which:
4109 unique CDR3
13 unique J



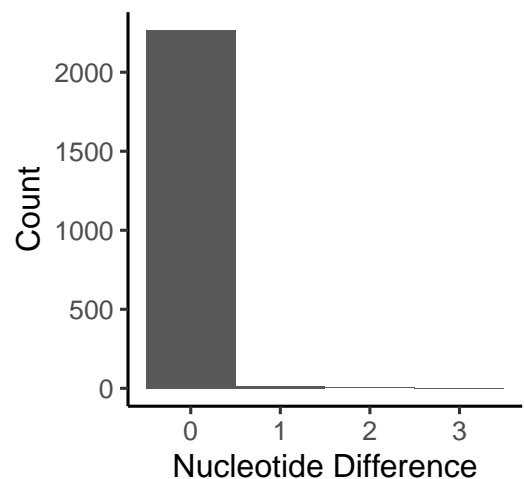
TRBV7-3*ap01

11964 sequences assigned
11882 (99.3%) exact matches, in which:
11758 unique CDR3
13 unique J



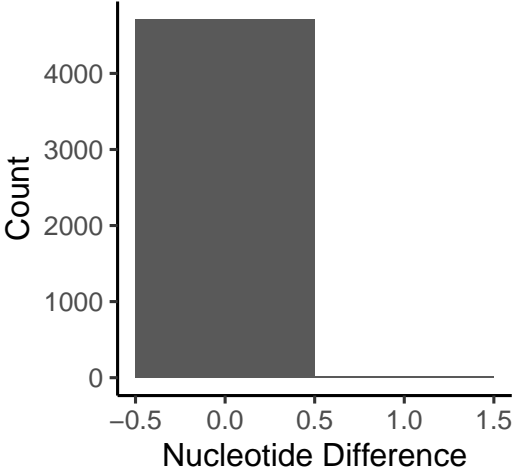
TRBV7-7*ap01_C315T

2287 sequences assigned
2267 (99.1%) exact matches, in which:
2228 unique CDR3
13 unique J



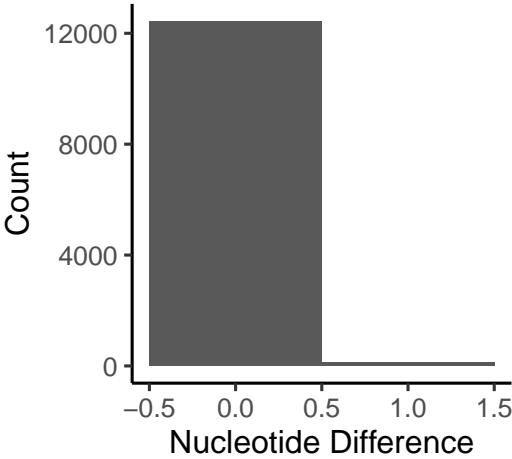
TRBV7-8*ap01

4728 sequences assigned
4710 (99.6%) exact matches, in which:
4625 unique CDR3
13 unique J



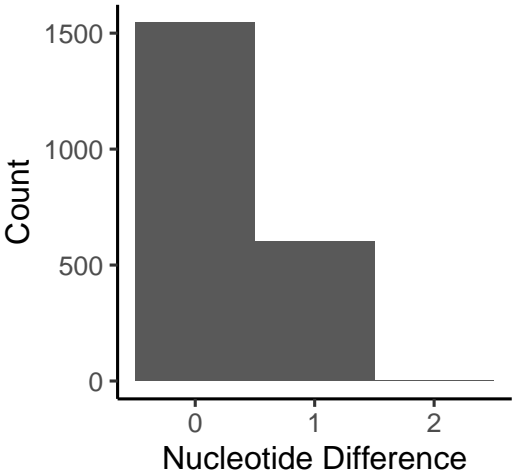
TRBV29-1*ap01

12567 sequences assigned
12438 (99%) exact matches, in which:
12068 unique CDR3
13 unique J



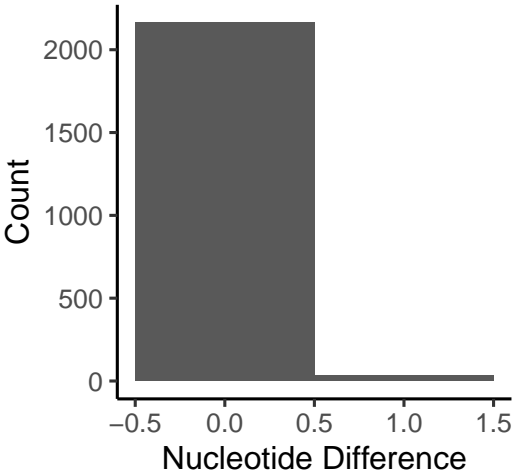
TRBV7-8*ap03

2150 sequences assigned
1545 (71.9%) exact matches, in which:
1517 unique CDR3
13 unique J



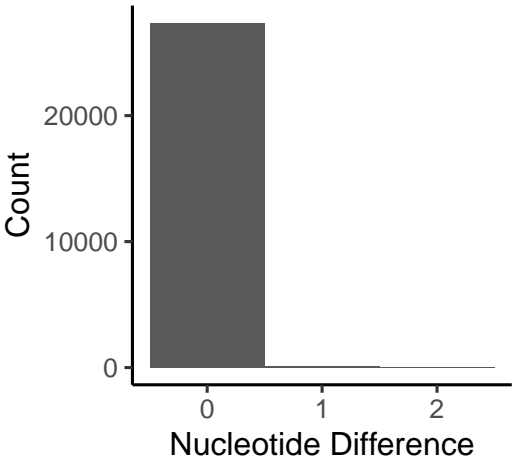
TRBV29-1*ap02

2195 sequences assigned
2163 (98.5%) exact matches, in which:
2100 unique CDR3
13 unique J

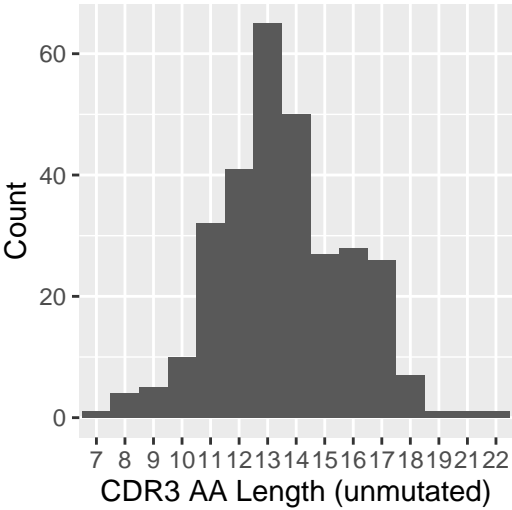


TRBV7-9*ap01

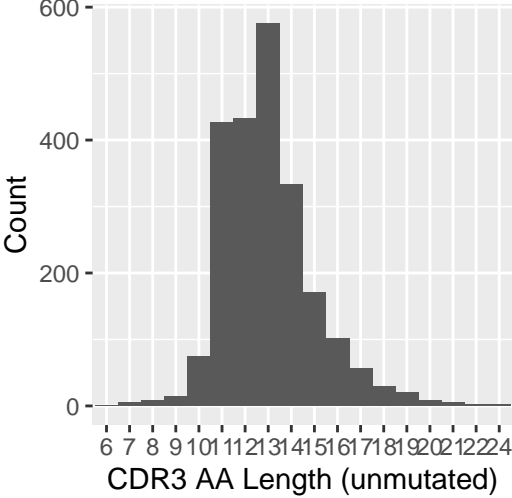
27528 sequences assigned
27368 (99.4%) exact matches, in which:
26964 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.