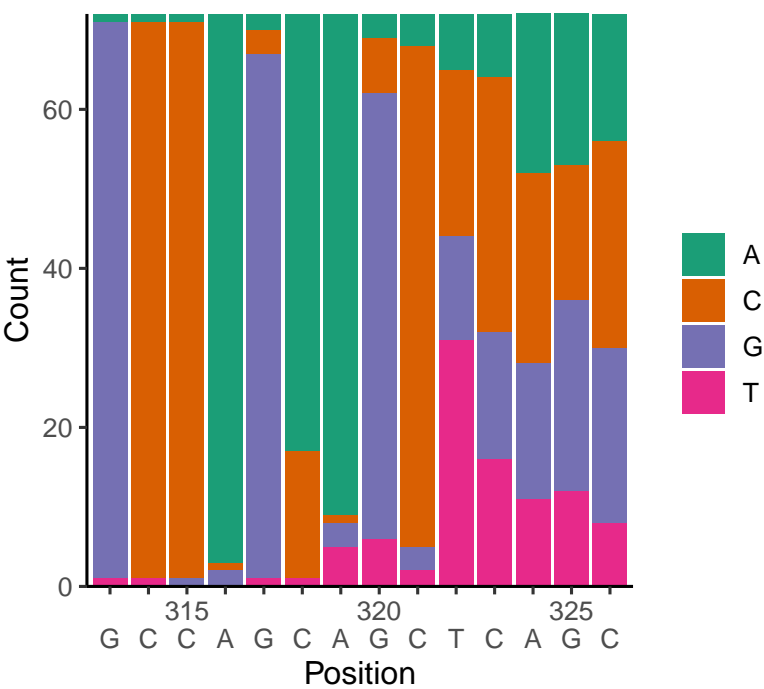


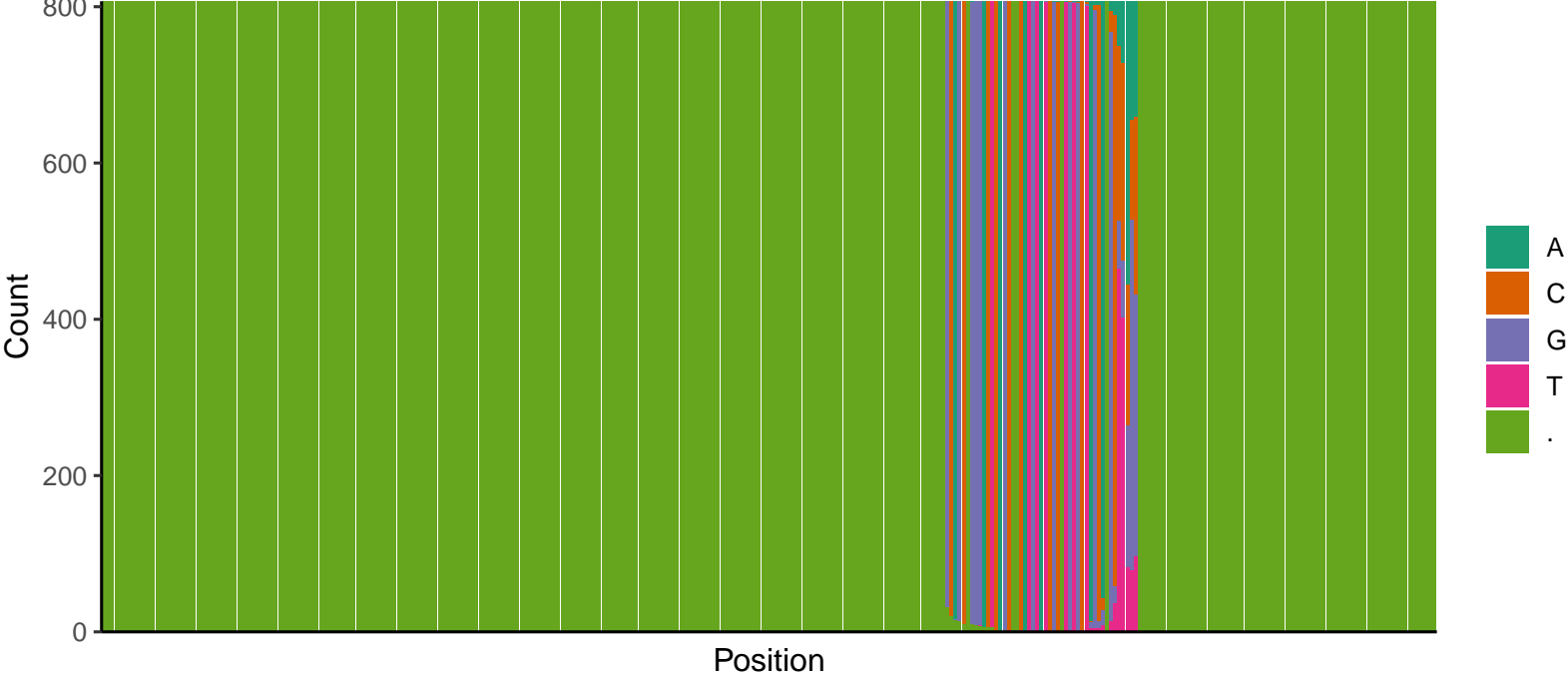
Gene TRBV7-1*ap01_T296C



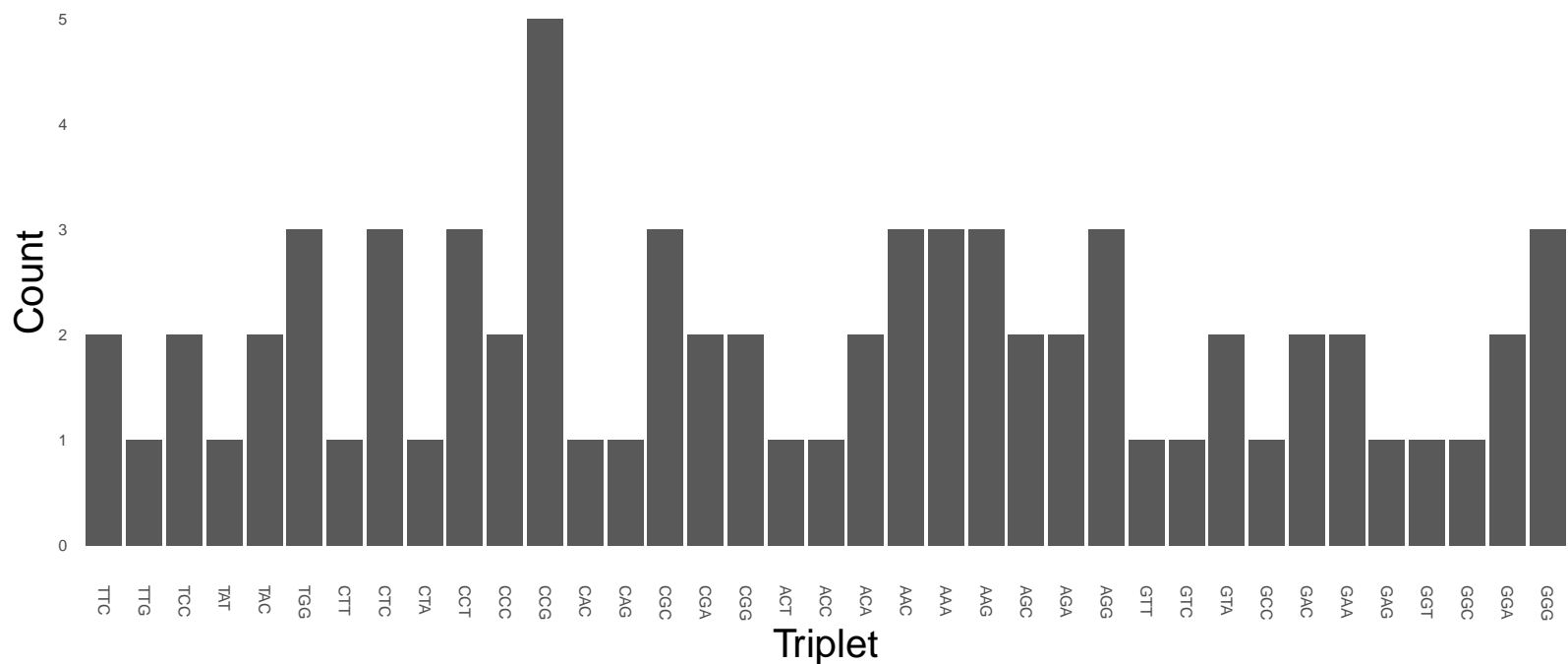
Gene TRBV7-1*ap01_T296C



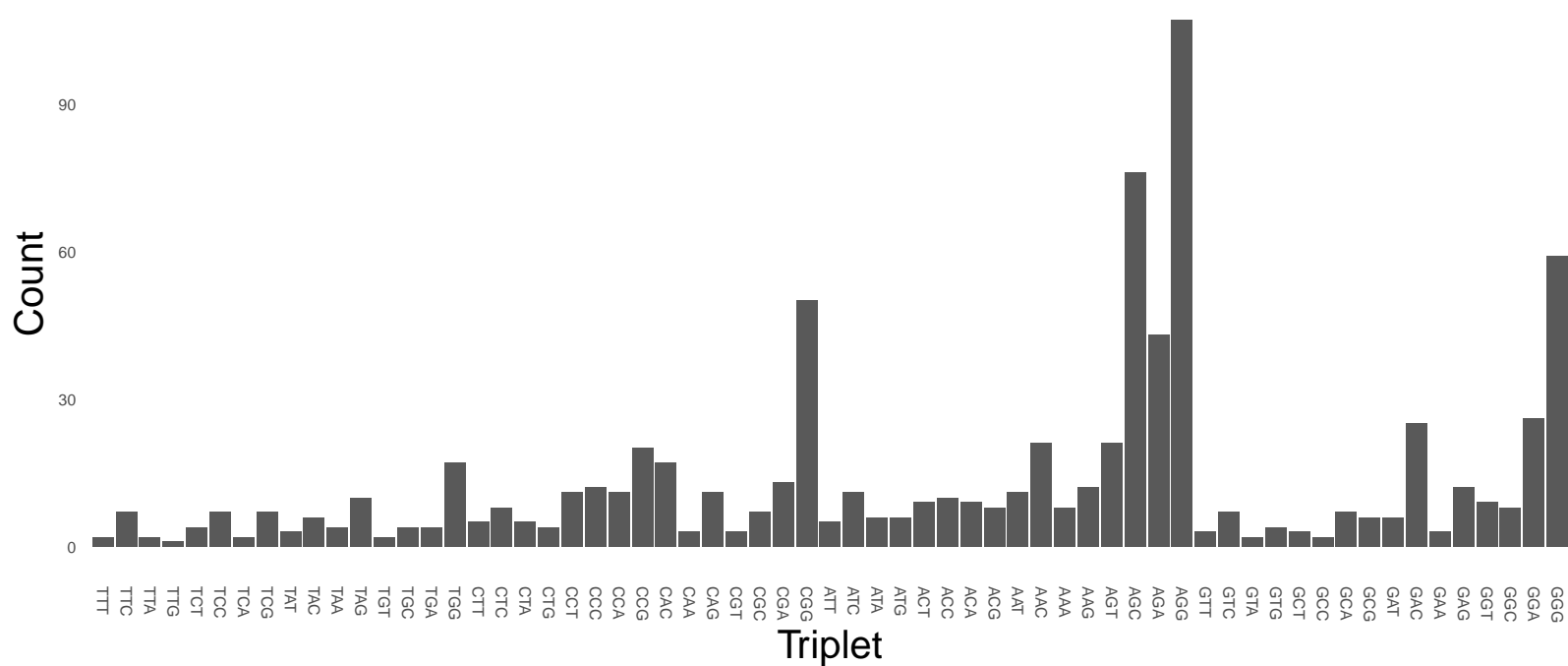
Gene TRBV7-7*ap01_C315T



TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet

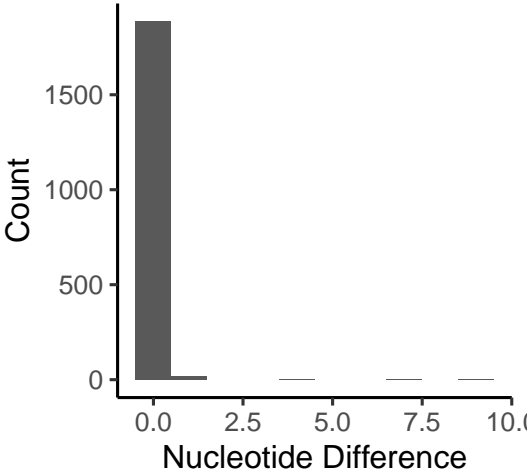


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



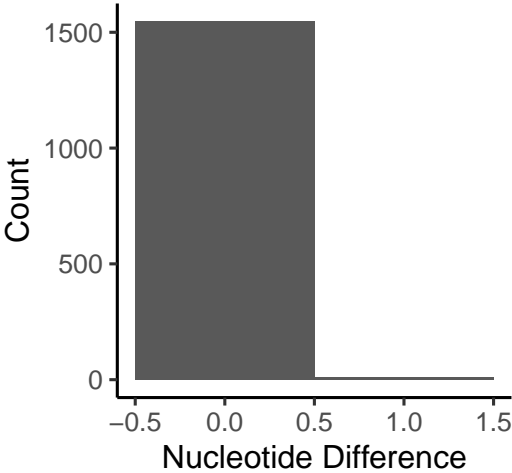
TRBV10-1*ap01

1909 sequences assigned
1886 (98.8%) exact matches, in which:
1869 unique CDR3
13 unique J



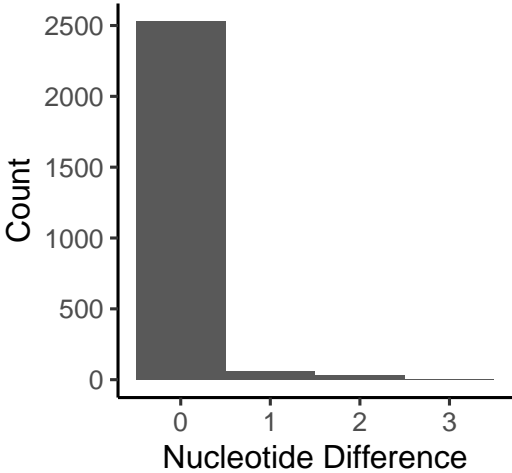
TRBV10-2*ap01

1557 sequences assigned
1547 (99.4%) exact matches, in which:
1533 unique CDR3
13 unique J



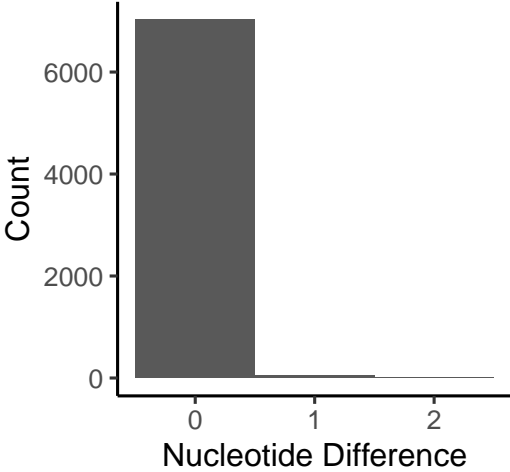
TRBV13*ap01

2619 sequences assigned
2529 (96.6%) exact matches, in which:
2499 unique CDR3
13 unique J



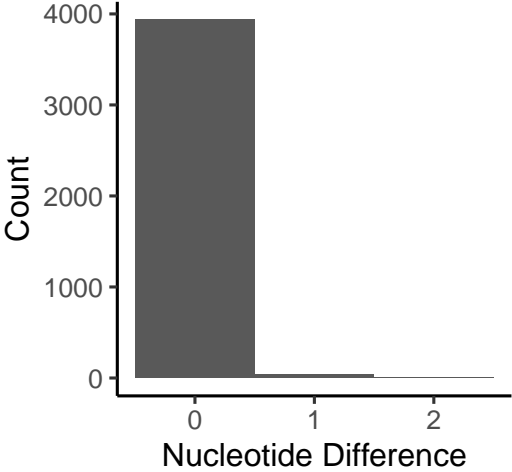
TRBV20-1*ap01

7074 sequences assigned
7026 (99.3%) exact matches, in which:
6967 unique CDR3
13 unique J



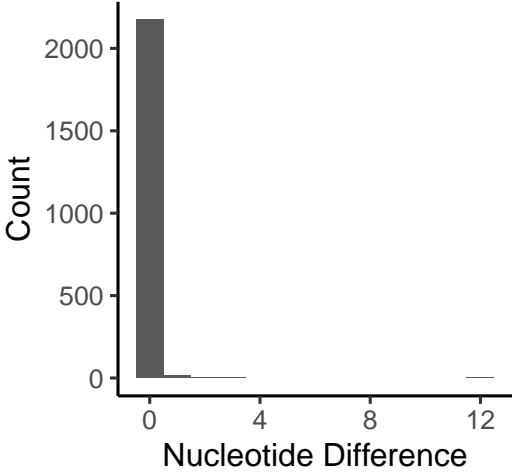
TRBV10-3*ap01

3976 sequences assigned
3936 (99%) exact matches, in which:
3895 unique CDR3
13 unique J



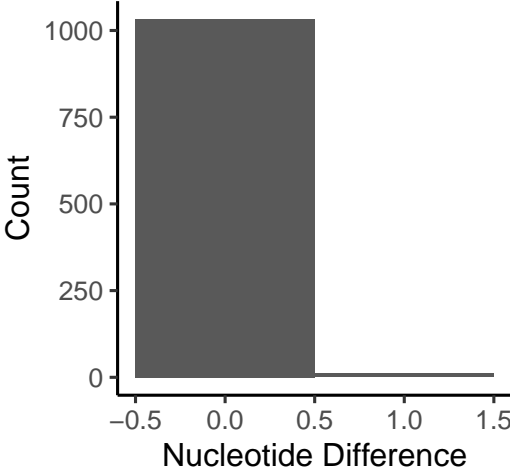
TRBV14*ap01

2193 sequences assigned
2174 (99.1%) exact matches, in which:
2163 unique CDR3
13 unique J



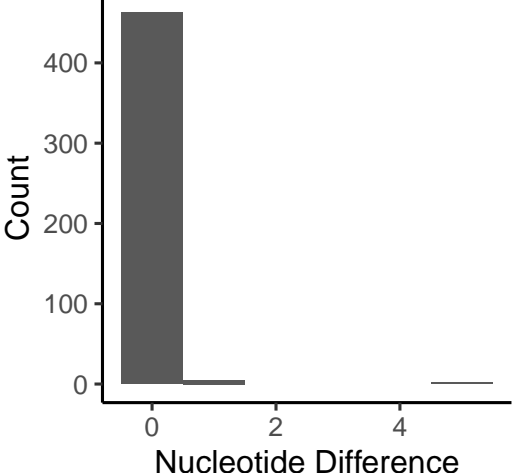
TRBV20-1*ap02

1044 sequences assigned
1033 (98.9%) exact matches, in which:
1023 unique CDR3
13 unique J



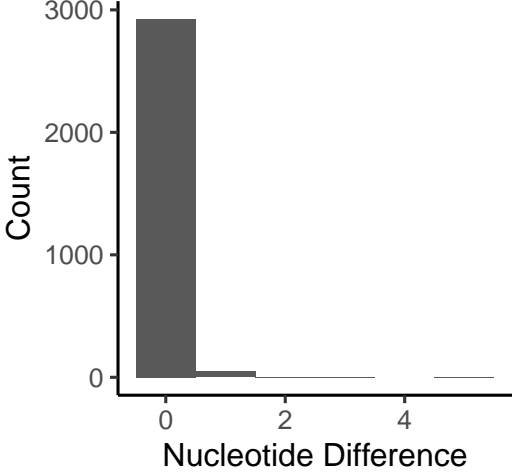
TRBV1*ap01

470 sequences assigned
463 (98.5%) exact matches, in which:
453 unique CDR3
13 unique J



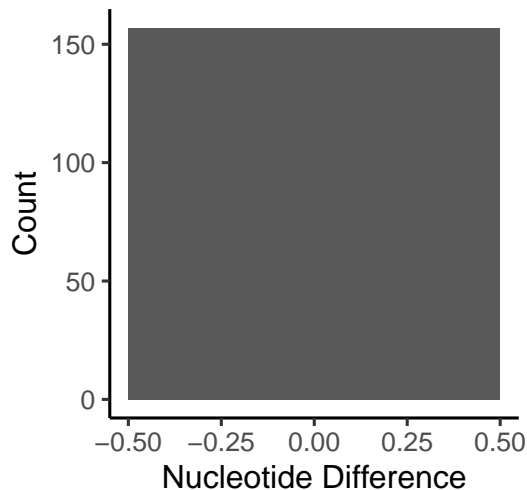
TRBV15*ap02

2978 sequences assigned
2925 (98.2%) exact matches, in which:
2892 unique CDR3
13 unique J



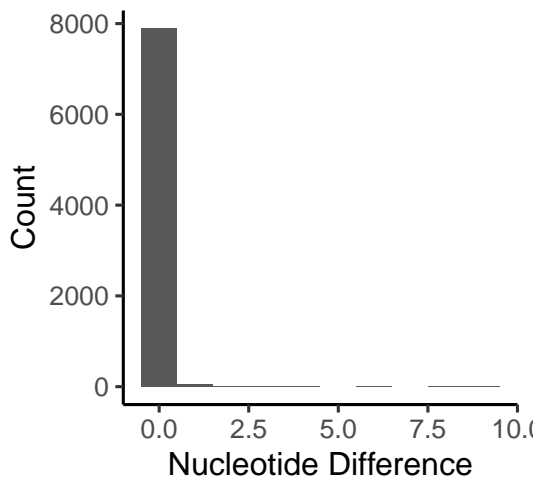
TRBV16*ap01

157 sequences assigned
157 (100%) exact matches, in which:
154 unique CDR3
13 unique J



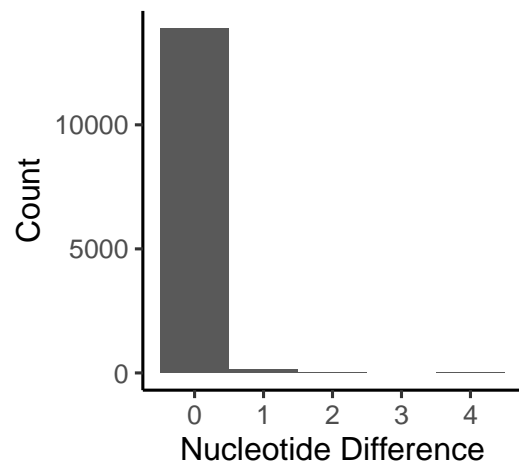
TRBV19*ap01

7965 sequences assigned
7894 (99.1%) exact matches, in which:
7864 unique CDR3
13 unique J



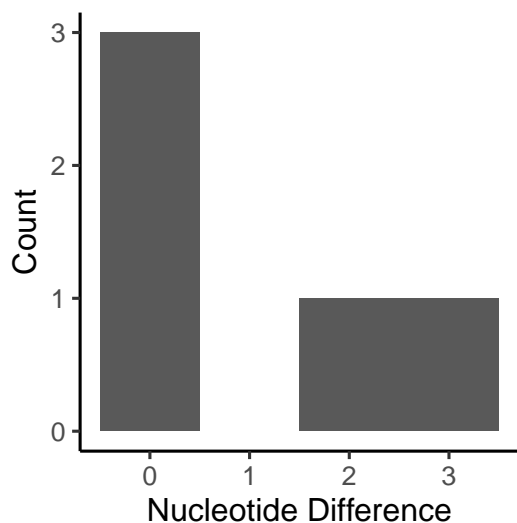
TRBV28*ap01

14045 sequences assigned
13897 (98.9%) exact matches, in which:
13800 unique CDR3
13 unique J



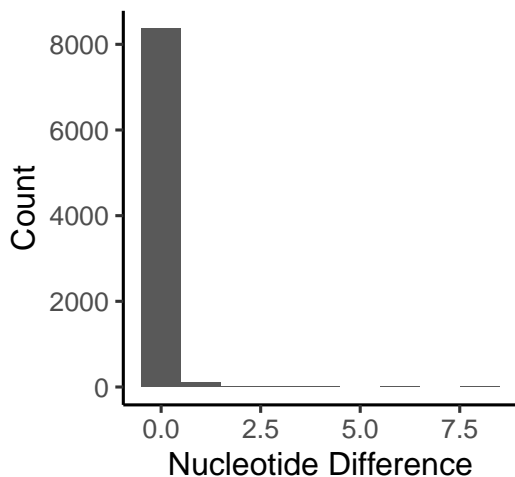
TRBV17*ap01

5 sequences assigned
3 (60%) exact matches, in which:
3 unique CDR3
3 unique J



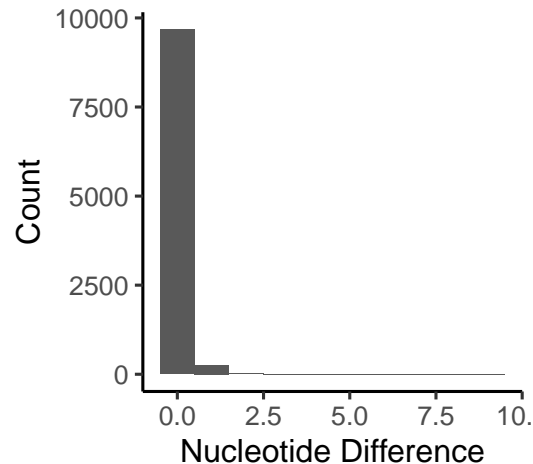
TRBV2*ap01

8474 sequences assigned
8364 (98.7%) exact matches, in which:
8290 unique CDR3
13 unique J



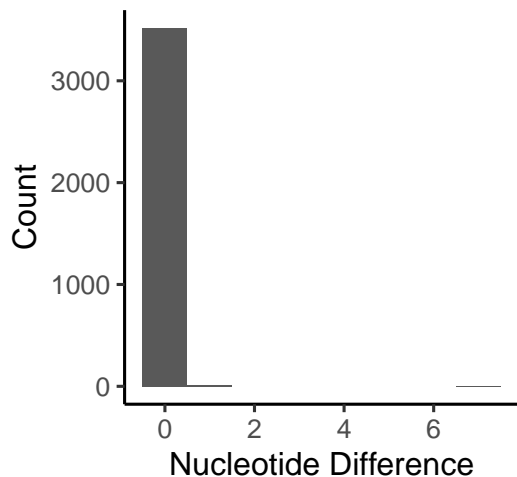
TRBV30*ap01

9965 sequences assigned
9676 (97.1%) exact matches, in which:
9424 unique CDR3
13 unique J



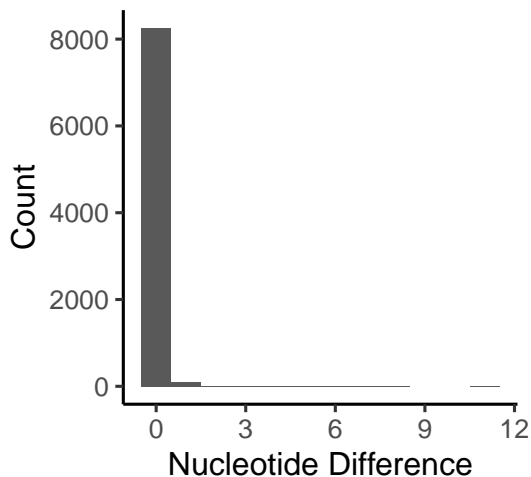
TRBV18*ap01

3531 sequences assigned
3518 (99.6%) exact matches, in which:
3511 unique CDR3
13 unique J



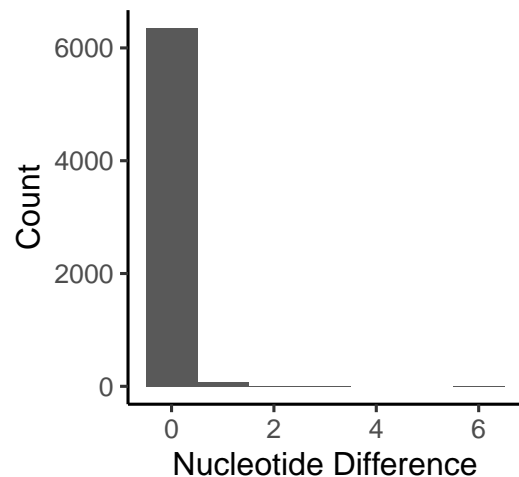
TRBV27*ap01

8388 sequences assigned
8255 (98.4%) exact matches, in which:
8198 unique CDR3
13 unique J



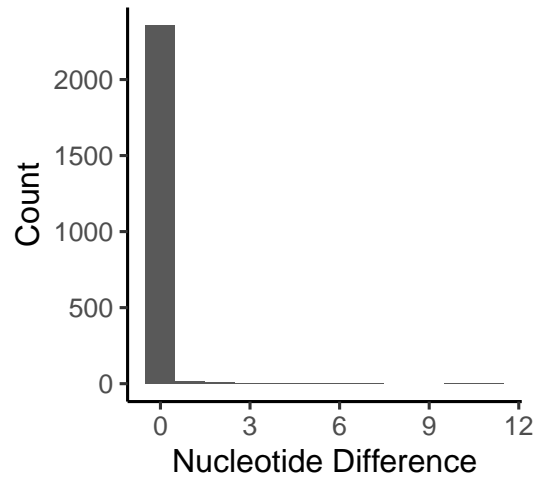
TRBV9*ap01

6434 sequences assigned
6352 (98.7%) exact matches, in which:
6313 unique CDR3
13 unique J



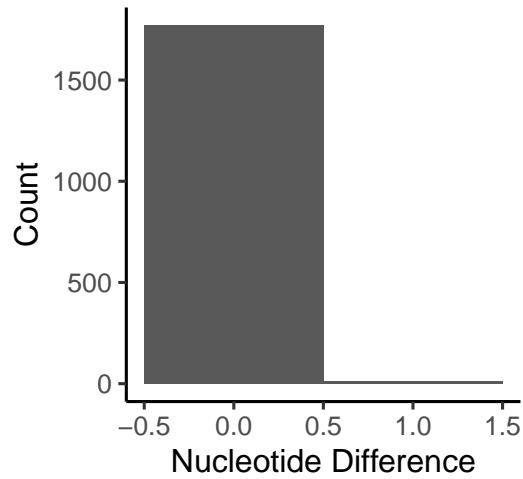
TRBV21-1*ap01

2390 sequences assigned
2356 (98.6%) exact matches, in which:
2346 unique CDR3
13 unique J



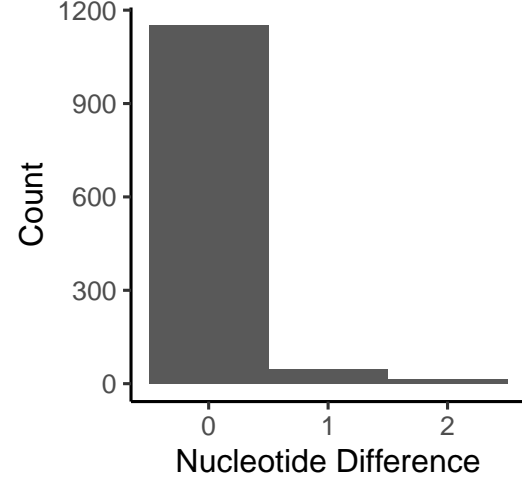
TRBV11-3*ap01

1780 sequences assigned
1770 (99.4%) exact matches, in which:
1764 unique CDR3
13 unique J



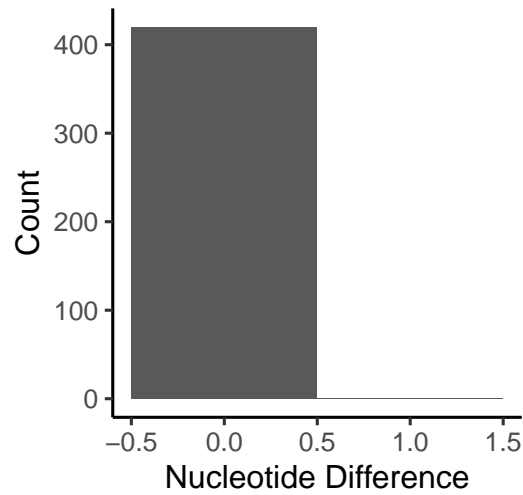
TRBV12-5*ap01

1212 sequences assigned
1151 (95%) exact matches, in which:
1137 unique CDR3
13 unique J



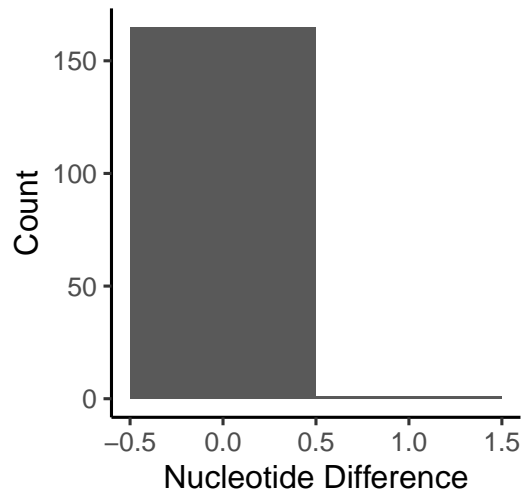
TRBV11-1*ap01

421 sequences assigned
420 (99.8%) exact matches, in which:
418 unique CDR3
13 unique J



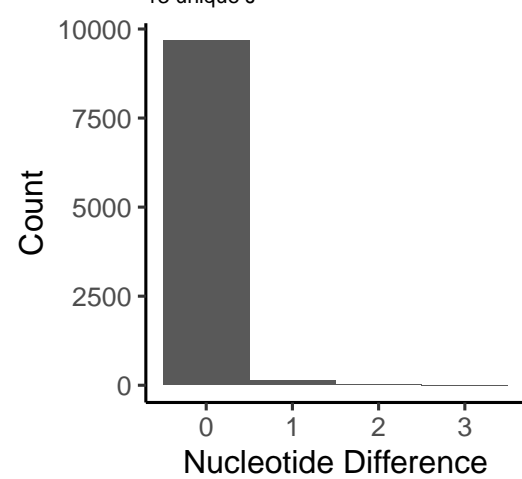
TRBV12-1*ap01

166 sequences assigned
165 (99.4%) exact matches, in which:
165 unique CDR3
13 unique J



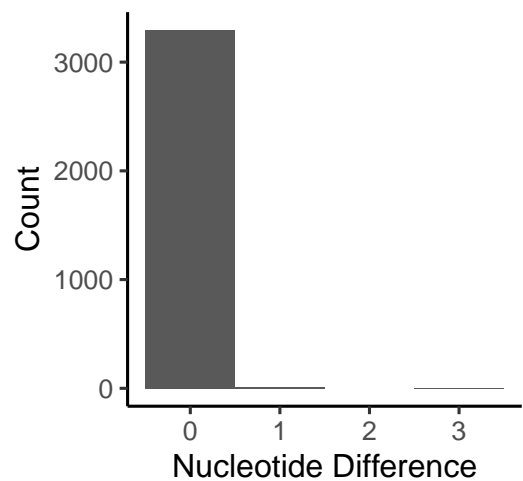
TRBV12-34*ap01

9847 sequences assigned
9678 (98.3%) exact matches, in which:
9591 unique CDR3
13 unique J



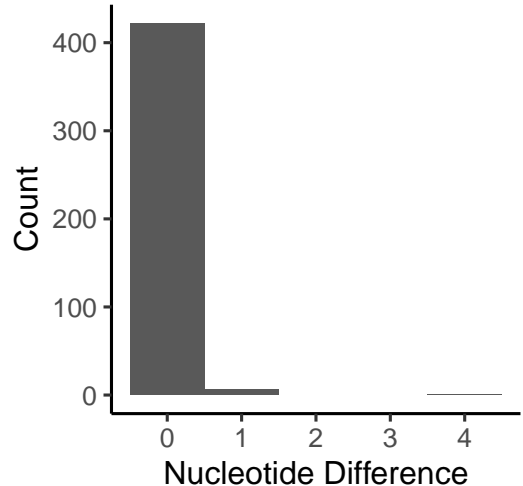
TRBV11-2*ap01

3311 sequences assigned
3295 (99.5%) exact matches, in which:
3277 unique CDR3
13 unique J



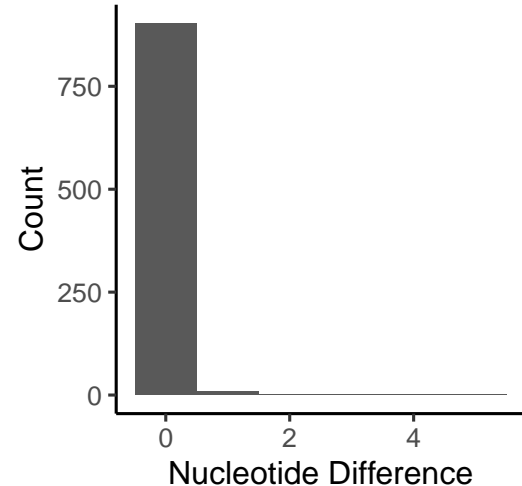
TRBV12-2*ap01

429 sequences assigned
422 (98.4%) exact matches, in which:
418 unique CDR3
13 unique J



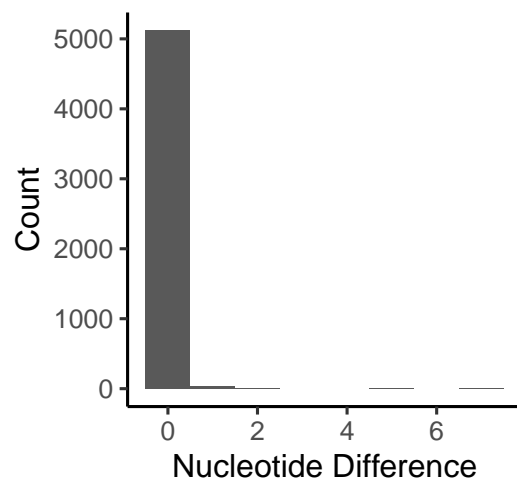
TRBV23-1*ap01

917 sequences assigned
903 (98.5%) exact matches, in which:
900 unique CDR3
13 unique J



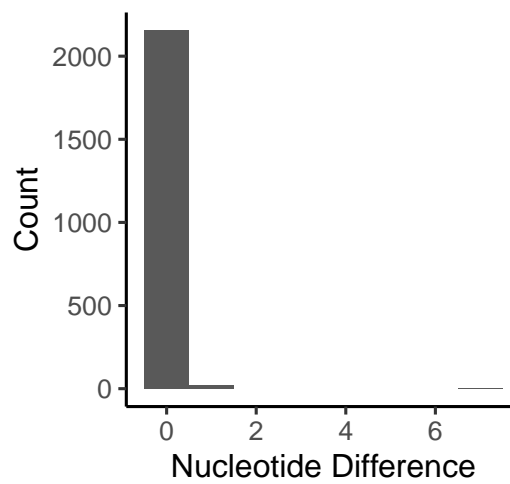
TRBV3-12*ap01

5163 sequences assigned
5121 (99.2%) exact matches, in which:
5095 unique CDR3
13 unique J



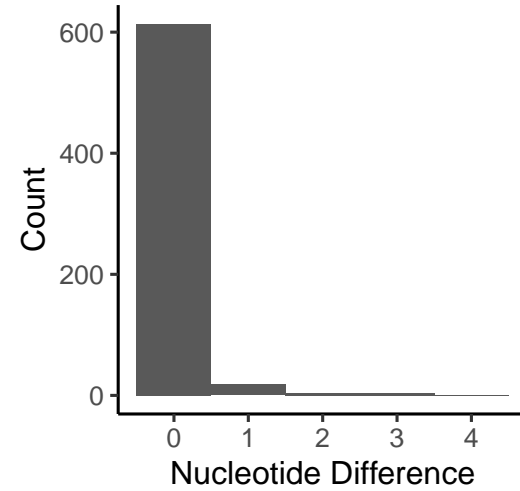
TRBV4-2*ap01

2180 sequences assigned
2155 (98.9%) exact matches, in which:
2128 unique CDR3
13 unique J



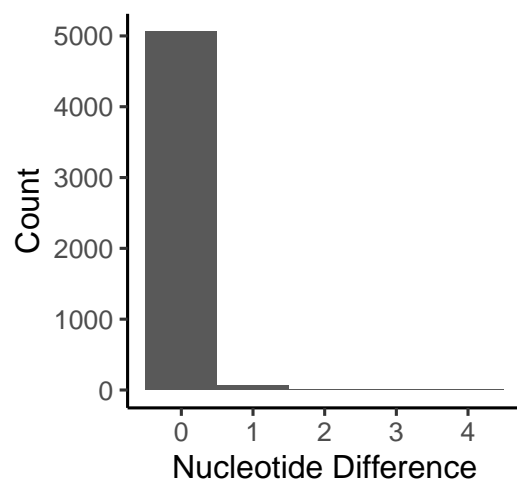
TRBV5-3*ap01

641 sequences assigned
614 (95.8%) exact matches, in which:
604 unique CDR3
13 unique J



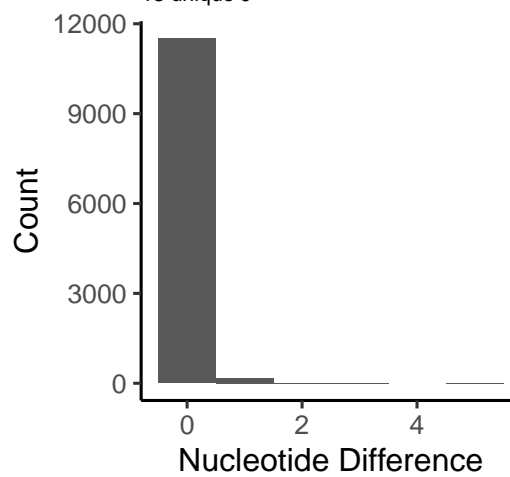
TRBV24-1*ap01

5135 sequences assigned
5059 (98.5%) exact matches, in which:
4986 unique CDR3
14 unique J



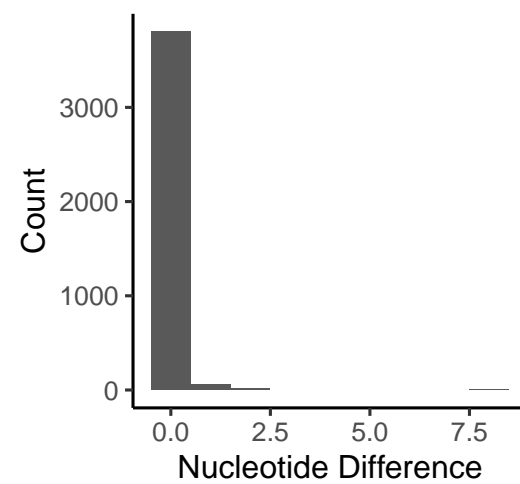
TRBV5-1*ap01

11702 sequences assigned
11509 (98.4%) exact matches, in which:
11389 unique CDR3
13 unique J



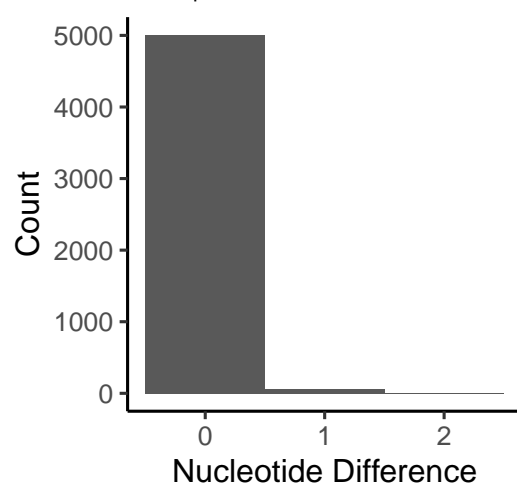
TRBV5-4*ap01

3874 sequences assigned
3803 (98.2%) exact matches, in which:
3752 unique CDR3
13 unique J



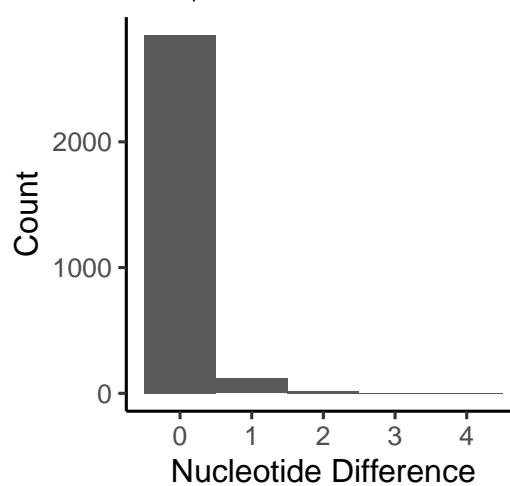
TRBV4-1*ap01

5068 sequences assigned
5005 (98.8%) exact matches, in which:
4945 unique CDR3
13 unique J



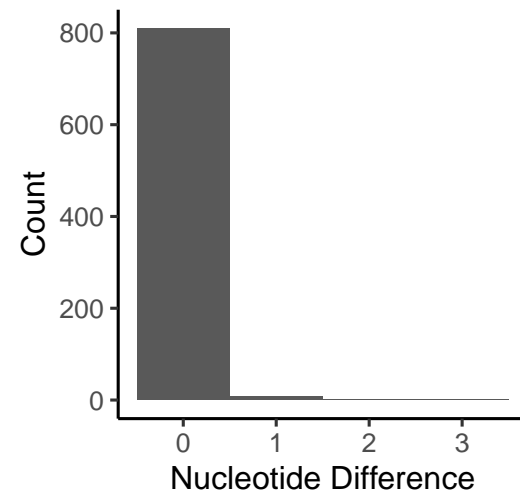
TRBV25-1*ap01

2987 sequences assigned
2849 (95.4%) exact matches, in which:
2787 unique CDR3
13 unique J



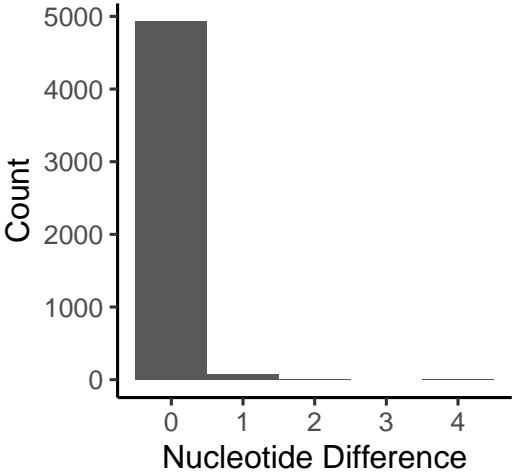
TRBV5-5*ap01

820 sequences assigned
810 (98.8%) exact matches, in which:
806 unique CDR3
13 unique J



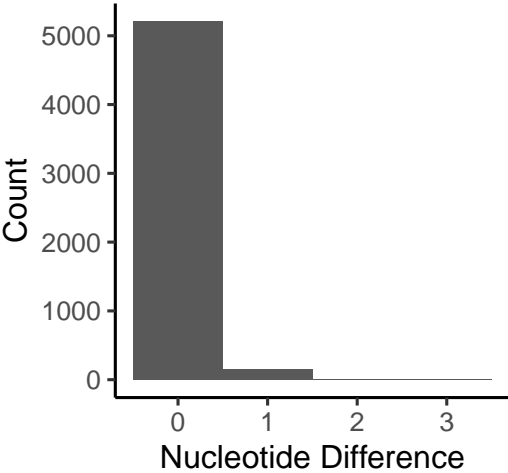
TRBV5-6*ap01

5014 sequences assigned
4931 (98.3%) exact matches, in which:
4846 unique CDR3
13 unique J



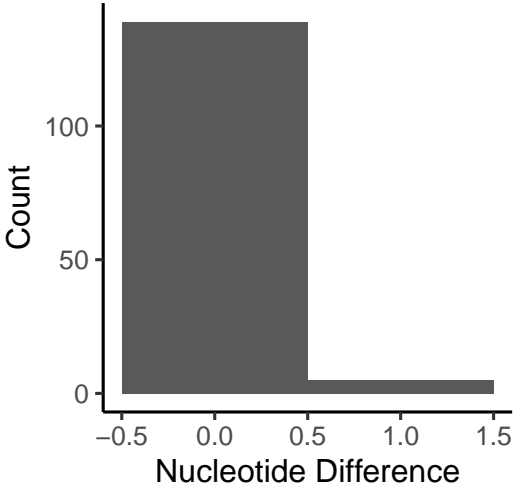
TRBV6-1*ap01

5369 sequences assigned
5209 (97%) exact matches, in which:
5123 unique CDR3
13 unique J



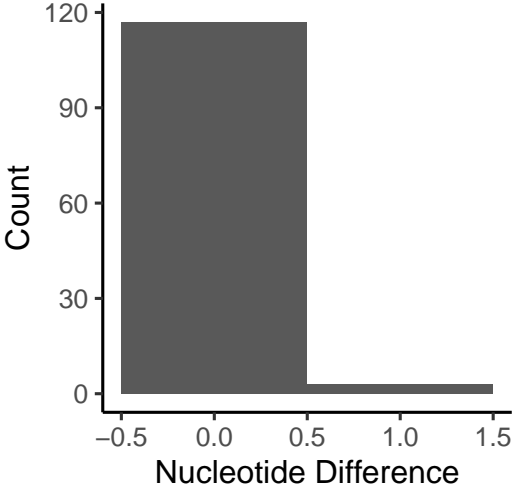
TRBV6-8*ap01

144 sequences assigned
139 (96.5%) exact matches, in which:
138 unique CDR3
12 unique J



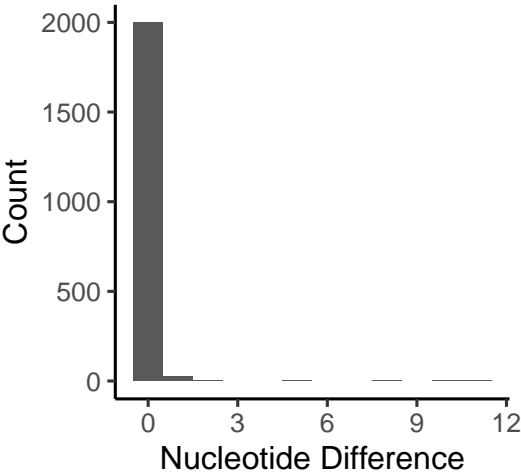
TRBV5-7*ap01

120 sequences assigned
117 (97.5%) exact matches, in which:
113 unique CDR3
12 unique J



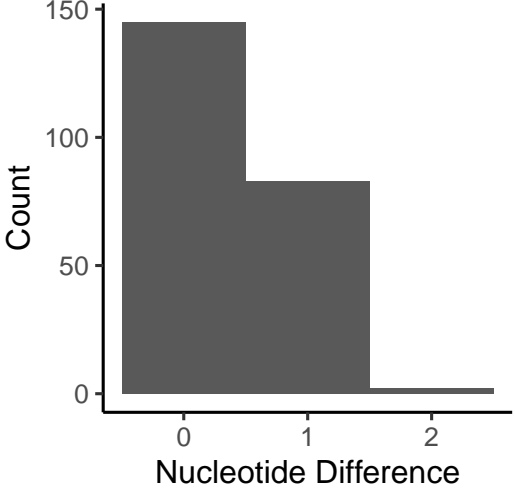
TRBV6-4*ap01

2030 sequences assigned
1998 (98.4%) exact matches, in which:
1980 unique CDR3
13 unique J



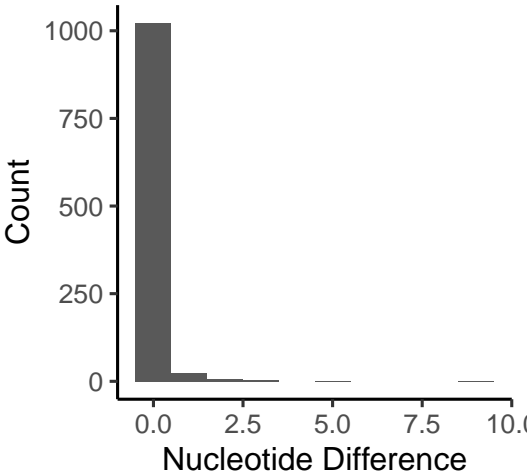
TRBV6-9*ap01

230 sequences assigned
145 (63%) exact matches, in which:
142 unique CDR3
13 unique J



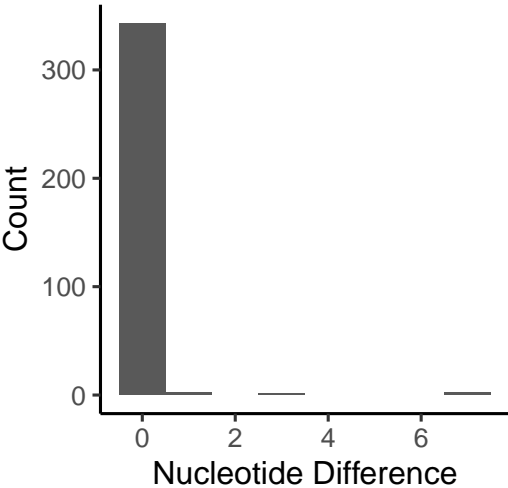
TRBV5-8*ap01

1057 sequences assigned
1022 (96.7%) exact matches, in which:
1015 unique CDR3
13 unique J



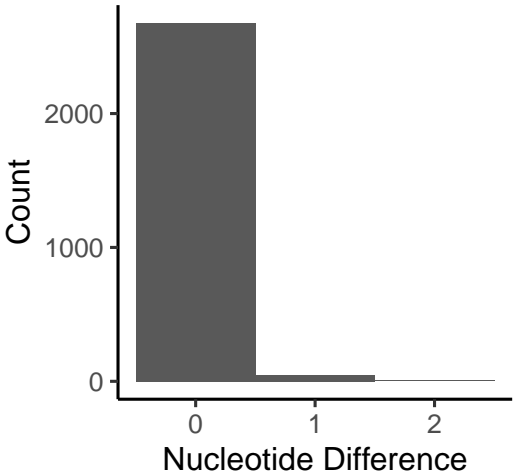
TRBV6-7*ap01

348 sequences assigned
343 (98.6%) exact matches, in which:
337 unique CDR3
13 unique J



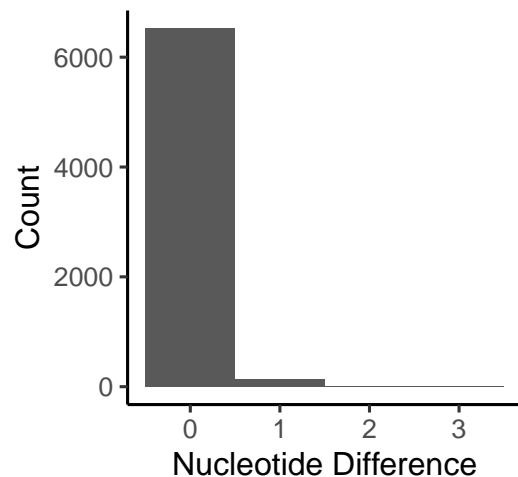
TRBV6-23*ap01

2729 sequences assigned
2676 (98.1%) exact matches, in which:
2624 unique CDR3
13 unique J



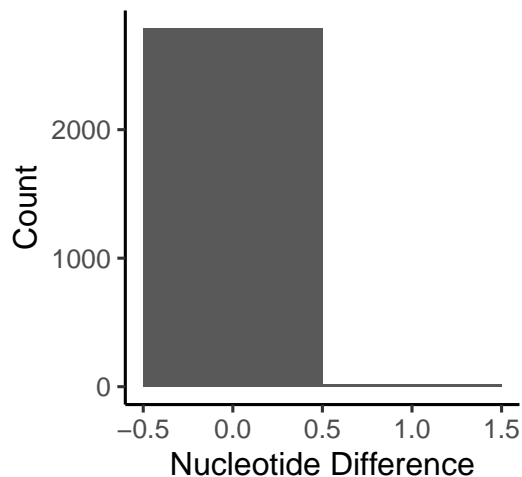
TRBV6-56*ap01

6690 sequences assigned
6524 (97.5%) exact matches, in which:
6406 unique CDR3
13 unique J



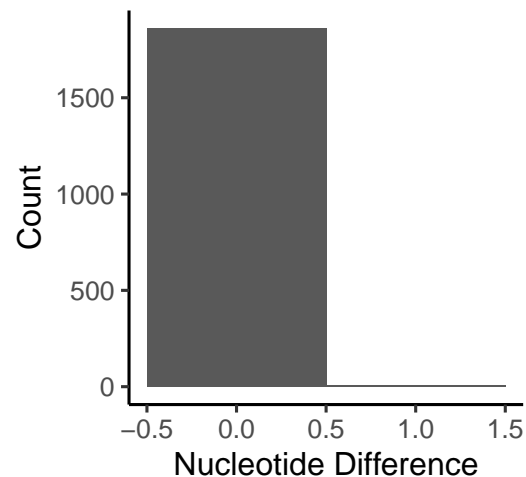
TRBV7-2*ap01

2809 sequences assigned
2788 (99.3%) exact matches, in which:
2776 unique CDR3
13 unique J



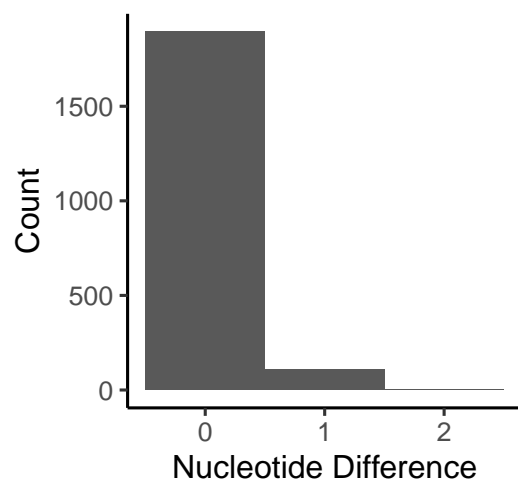
TRBV7-6*ap01

1869 sequences assigned
1860 (99.5%) exact matches, in which:
1844 unique CDR3
13 unique J



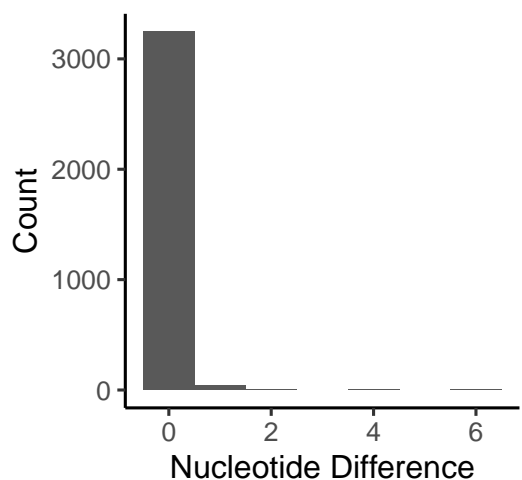
TRBV6-56*ap02

2007 sequences assigned
1894 (94.4%) exact matches, in which:
1869 unique CDR3
13 unique J



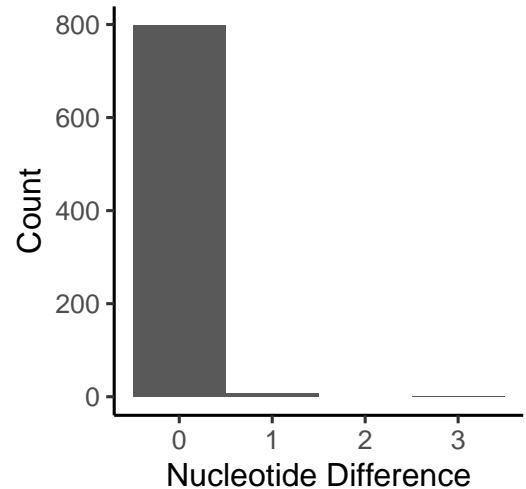
TRBV7-3*ap01

3293 sequences assigned
3246 (98.6%) exact matches, in which:
3228 unique CDR3
13 unique J



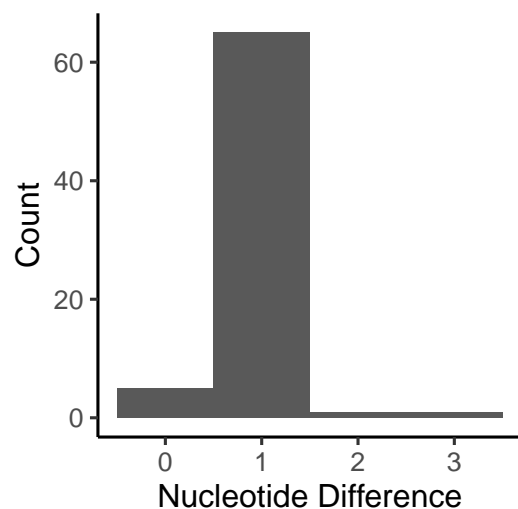
TRBV7-7*ap01_C315T

807 sequences assigned
799 (99%) exact matches, in which:
790 unique CDR3
13 unique J



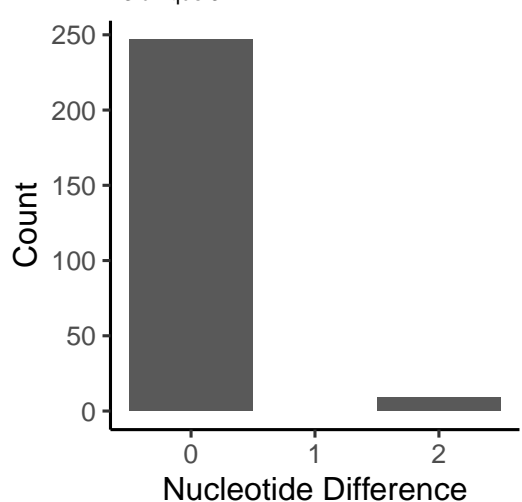
TRBV7-1*ap01_T296C

72 sequences assigned
5 (6.9%) exact matches, in which:
5 unique CDR3
4 unique J



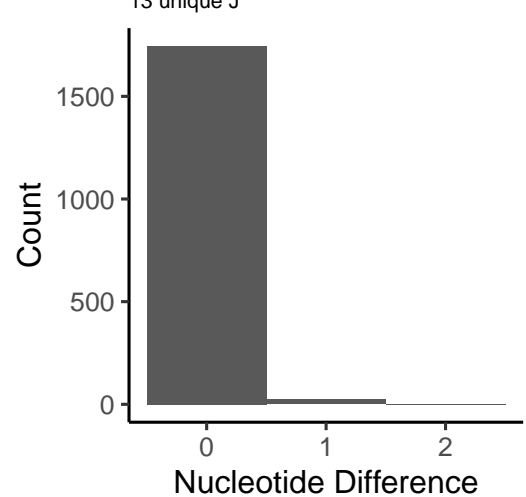
TRBV7-4*ap01

256 sequences assigned
247 (96.5%) exact matches, in which:
242 unique CDR3
13 unique J



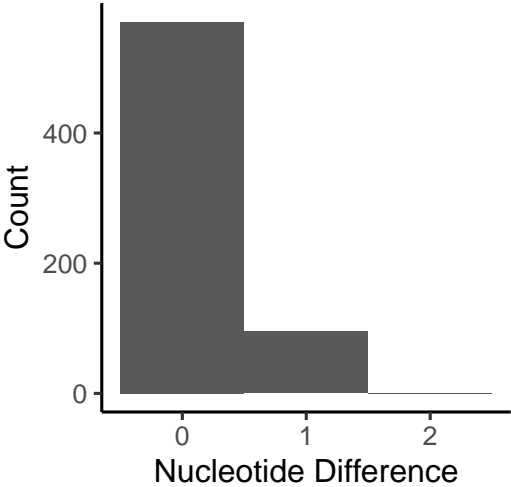
TRBV7-8*ap01

1771 sequences assigned
1745 (98.5%) exact matches, in which:
1733 unique CDR3
13 unique J



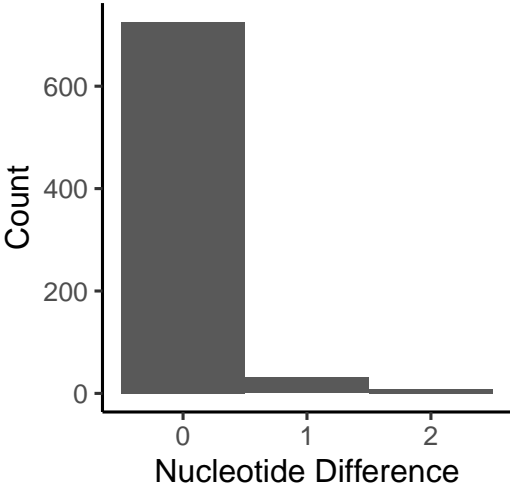
TRBV7-8*ap03

667 sequences assigned
571 (85.6%) exact matches, in which:
571 unique CDR3
13 unique J



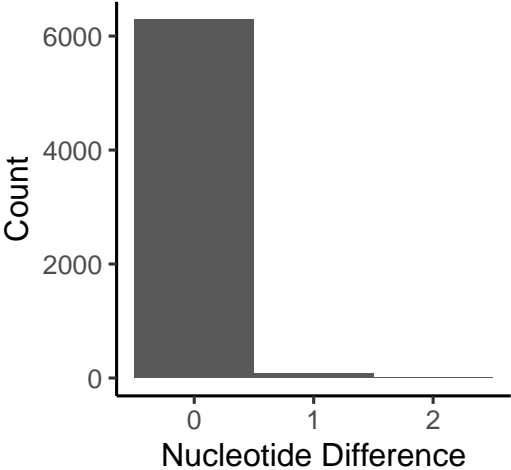
TRBV29-1*ap02

765 sequences assigned
726 (94.9%) exact matches, in which:
707 unique CDR3
13 unique J



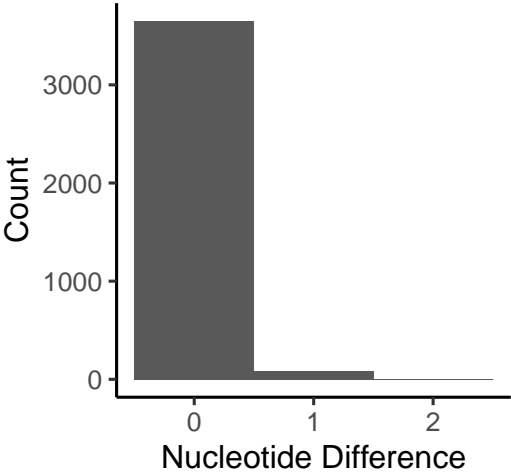
TRBV7-9*ap01

6376 sequences assigned
6287 (98.6%) exact matches, in which:
6245 unique CDR3
13 unique J

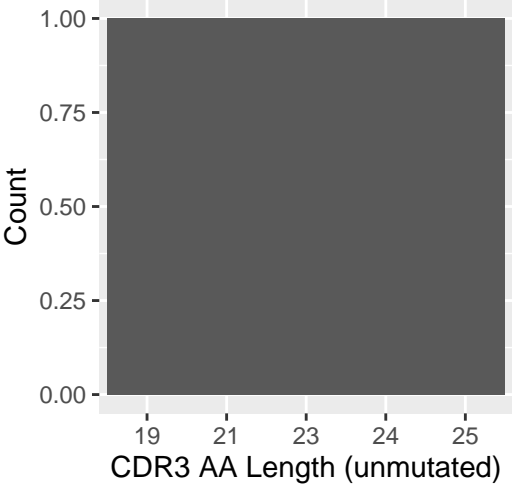


TRBV29-1*ap01

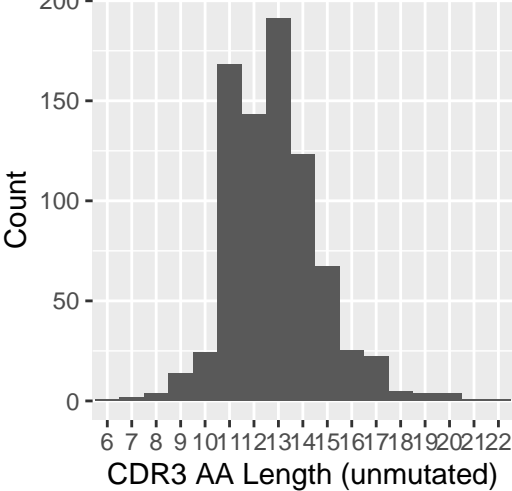
3741 sequences assigned
3650 (97.6%) exact matches, in which:
3565 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.