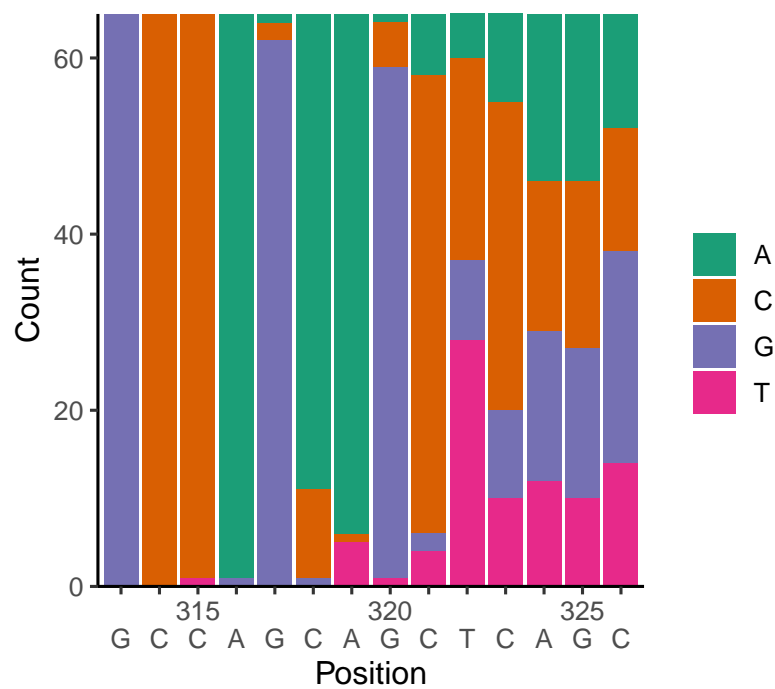
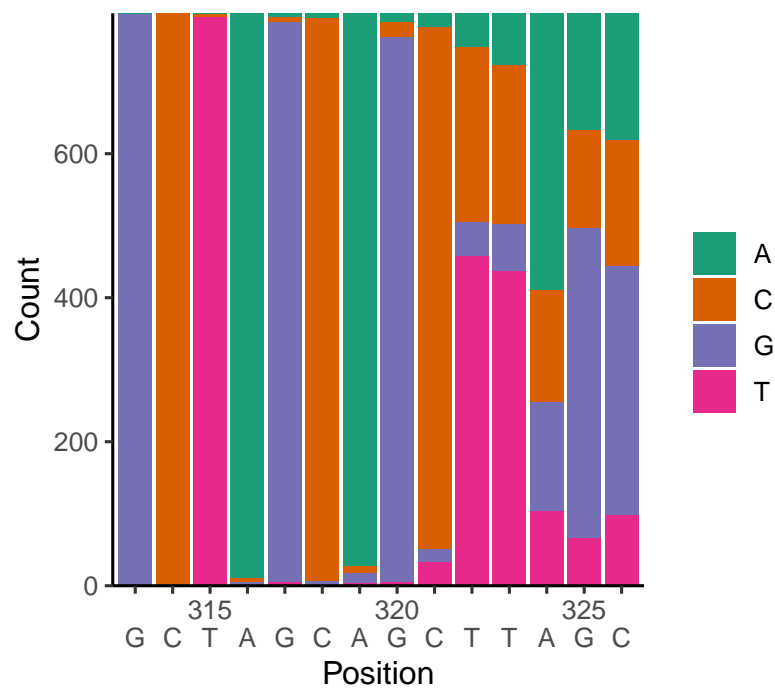


Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



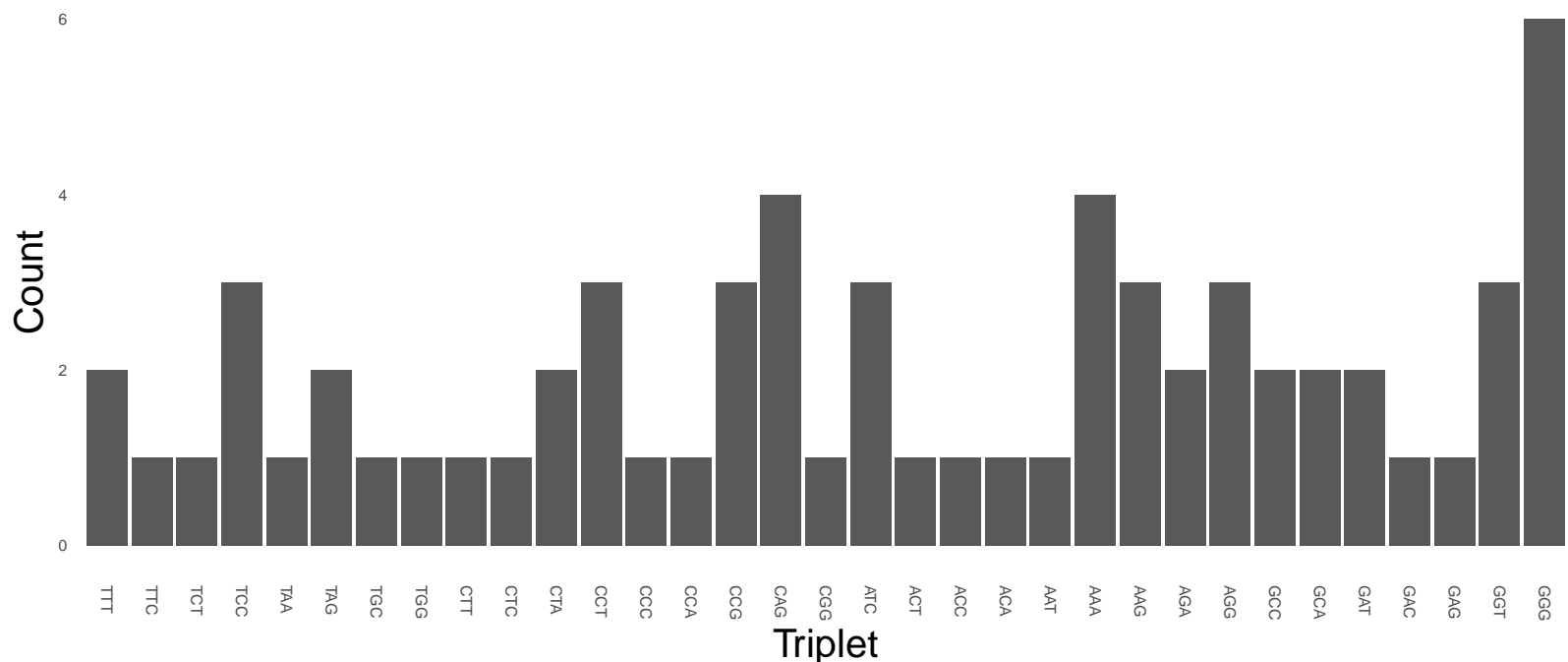
Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



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

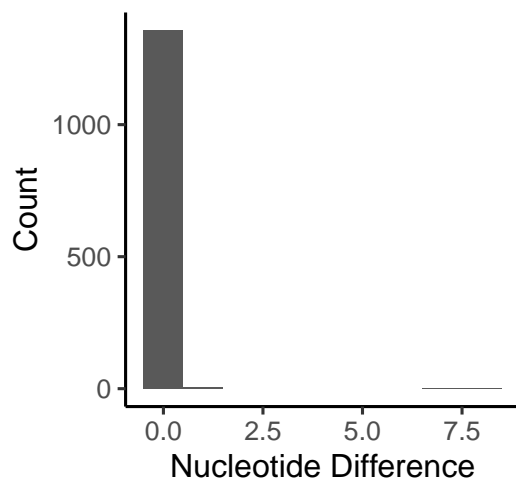


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



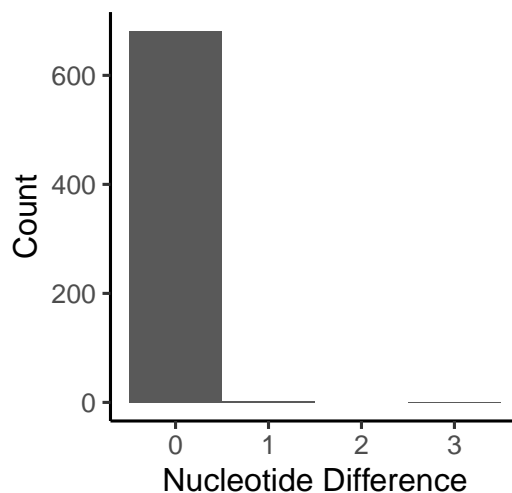
TRBV10-1*ap01

1365 sequences assigned
1357 (99.4%) exact matches, in which:
1346 unique CDR3
13 unique J



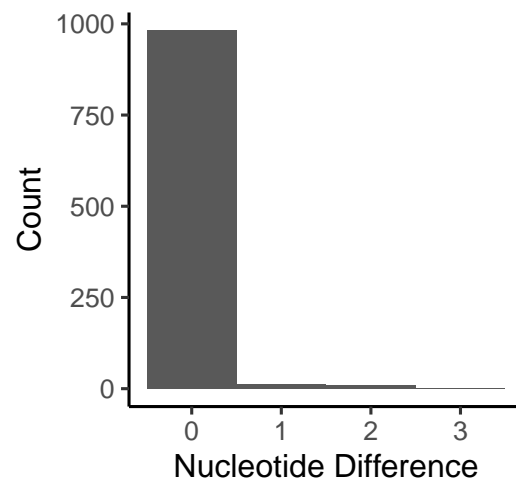
TRBV10-2*ap01

686 sequences assigned
682 (99.4%) exact matches, in which:
673 unique CDR3
13 unique J



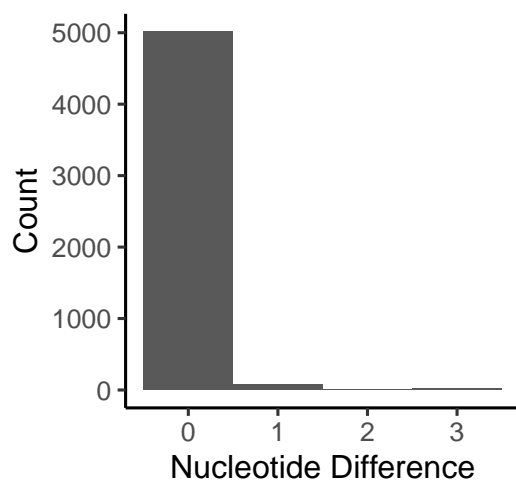
TRBV13*ap01

1007 sequences assigned
982 (97.5%) exact matches, in which:
963 unique CDR3
13 unique J



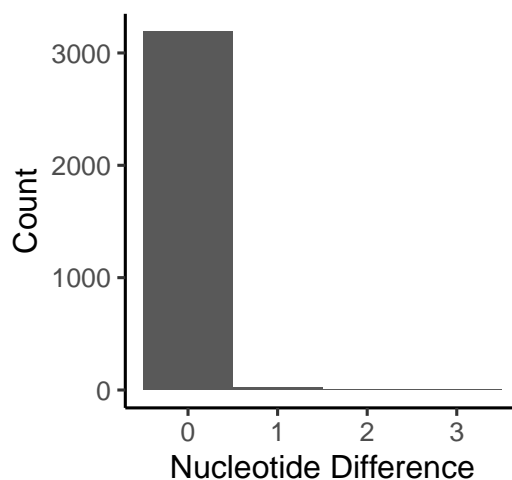
TRBV20-1*ap01

5127 sequences assigned
5014 (97.8%) exact matches, in which:
4897 unique CDR3
13 unique J



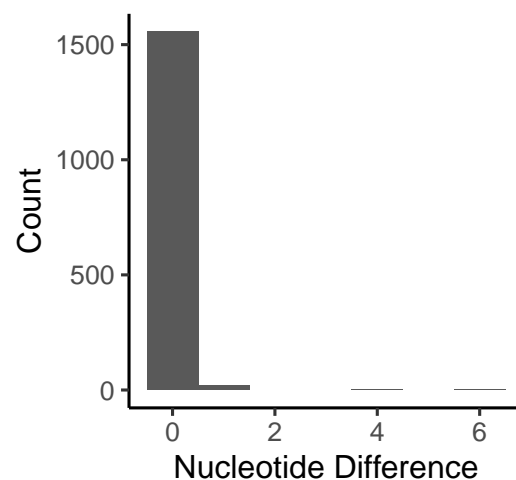
TRBV10-3*ap01

3211 sequences assigned
3189 (99.3%) exact matches, in which:
3159 unique CDR3
13 unique J



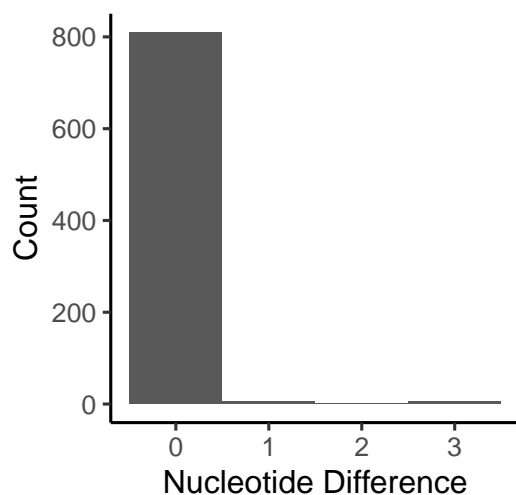
TRBV14*ap01

1577 sequences assigned
1556 (98.7%) exact matches, in which:
1537 unique CDR3
13 unique J



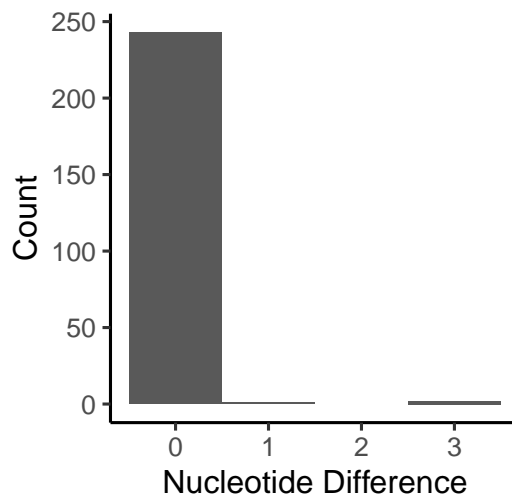
TRBV20-1*ap02

823 sequences assigned
810 (98.4%) exact matches, in which:
785 unique CDR3
13 unique J



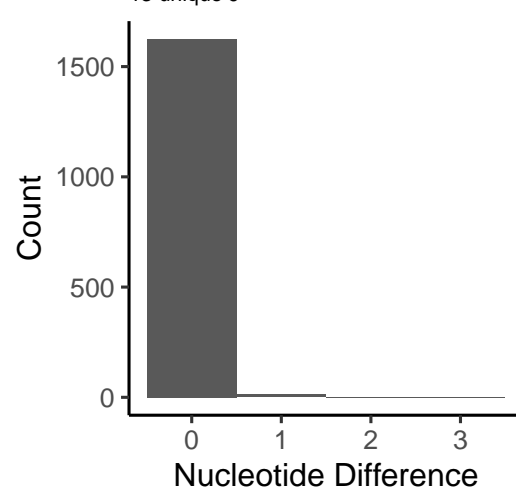
TRBV1*ap01

246 sequences assigned
243 (98.8%) exact matches, in which:
239 unique CDR3
13 unique J



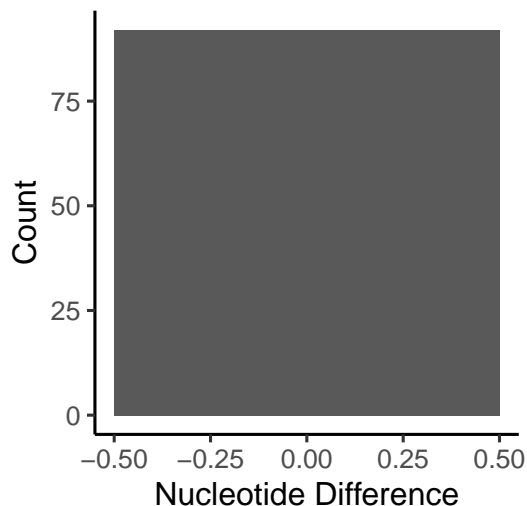
TRBV15*ap02

1639 sequences assigned
1625 (99.1%) exact matches, in which:
1600 unique CDR3
13 unique J



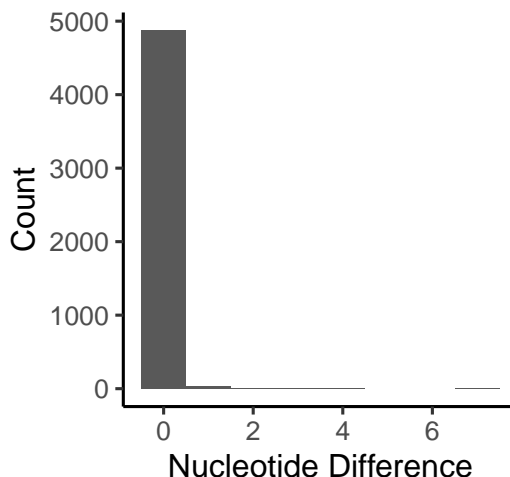
TRBV16*ap01

92 sequences assigned
92 (100%) exact matches, in which:
91 unique CDR3
12 unique J



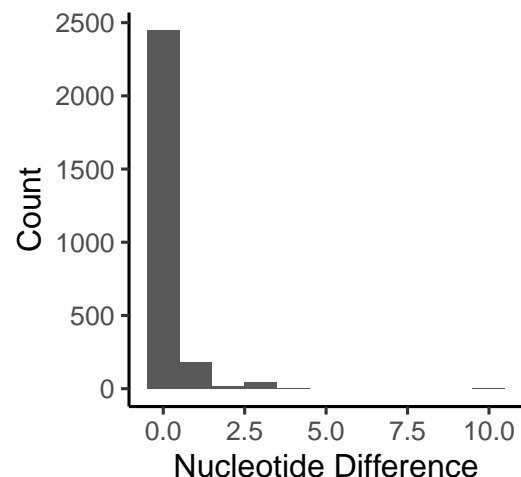
TRBV2*ap01

4914 sequences assigned
4874 (99.2%) exact matches, in which:
4828 unique CDR3
13 unique J



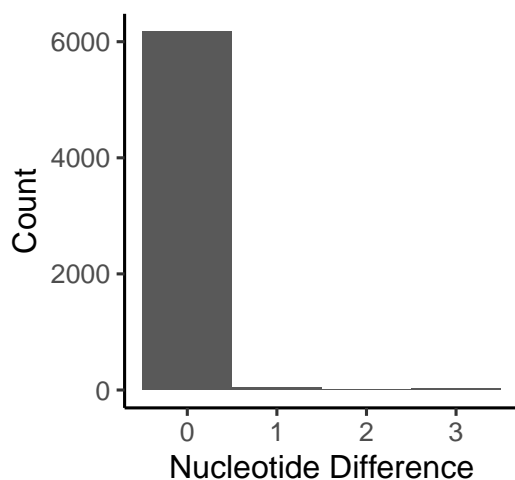
TRBV30*ap01

2690 sequences assigned
2447 (91%) exact matches, in which:
2392 unique CDR3
13 unique J



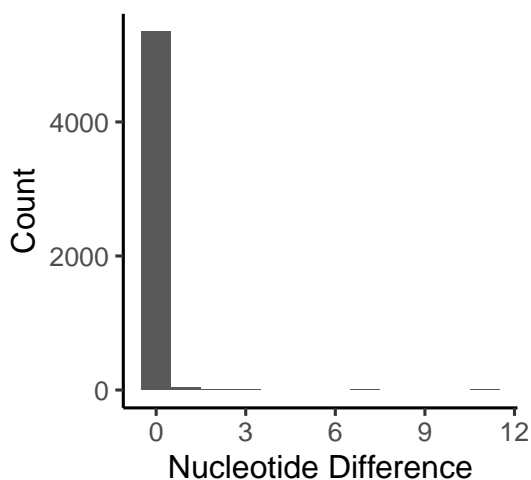
TRBV18*ap01

6240 sequences assigned
6172 (98.9%) exact matches, in which:
6022 unique CDR3
13 unique J



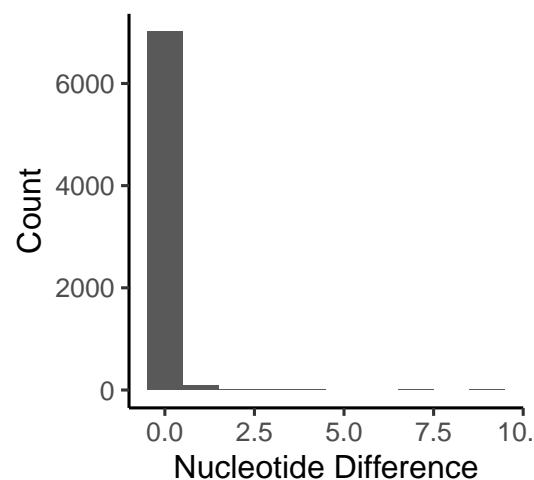
TRBV27*ap01

5400 sequences assigned
5346 (99%) exact matches, in which:
5292 unique CDR3
13 unique J



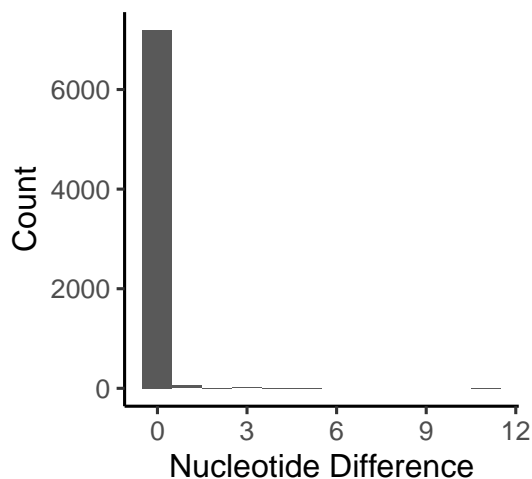
TRBV9*ap01

7104 sequences assigned
7013 (98.7%) exact matches, in which:
6905 unique CDR3
13 unique J



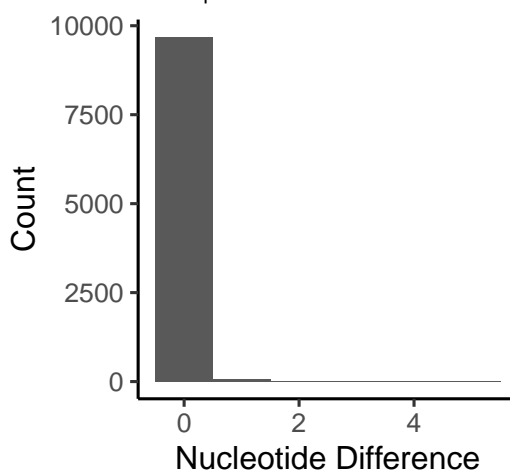
TRBV19*ap01

7281 sequences assigned
7194 (98.8%) exact matches, in which:
7094 unique CDR3
13 unique J



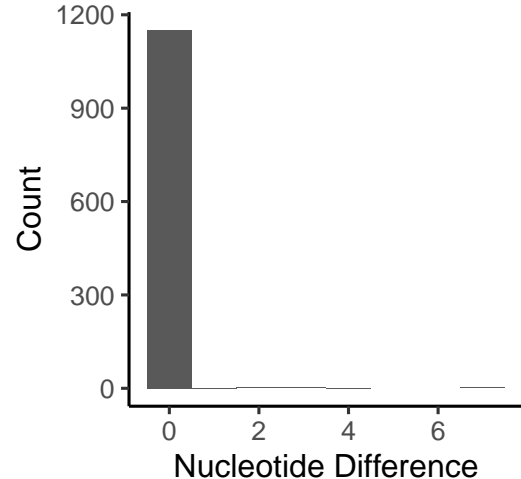
TRBV28*ap01

9782 sequences assigned
9689 (99%) exact matches, in which:
9569 unique CDR3
13 unique J



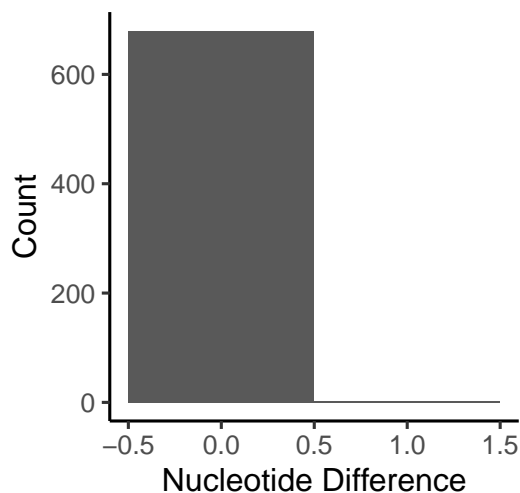
TRBV21-1*ap01

1162 sequences assigned
1151 (99.1%) exact matches, in which:
1149 unique CDR3
13 unique J



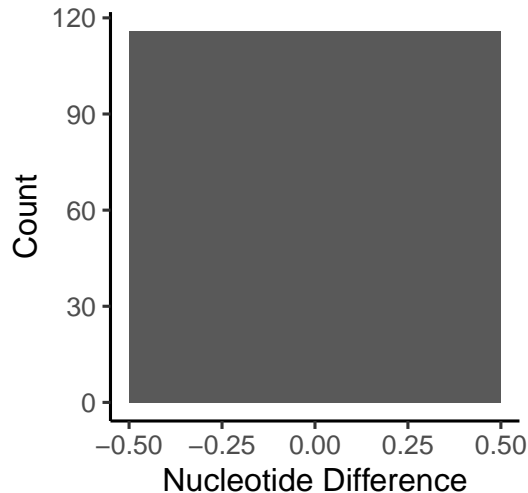
TRBV11-1*ap01

683 sequences assigned
680 (99.6%) exact matches, in which:
677 unique CDR3
13 unique J



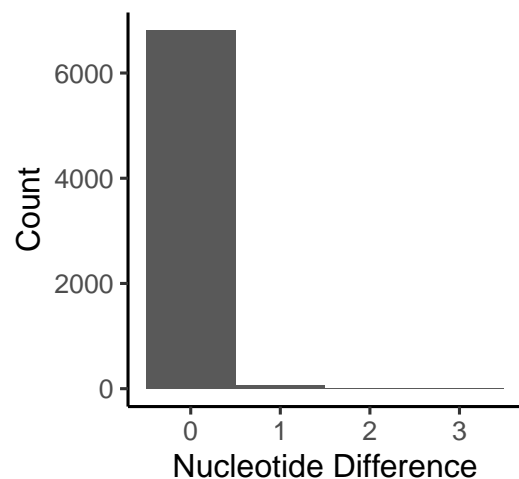
TRBV12-1*ap01

116 sequences assigned
116 (100%) exact matches, in which:
116 unique CDR3
13 unique J



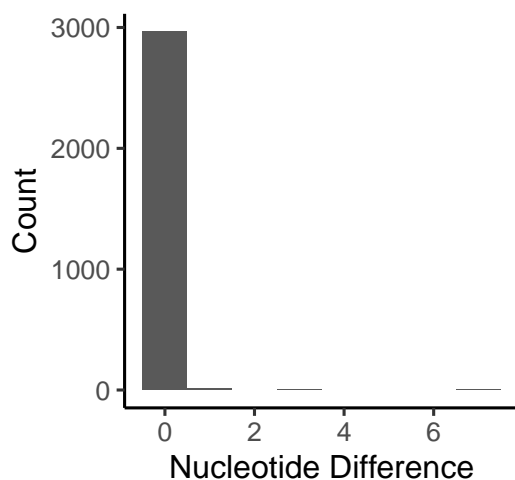
TRBV12-34*ap01

6892 sequences assigned
6810 (98.8%) exact matches, in which:
6712 unique CDR3
13 unique J



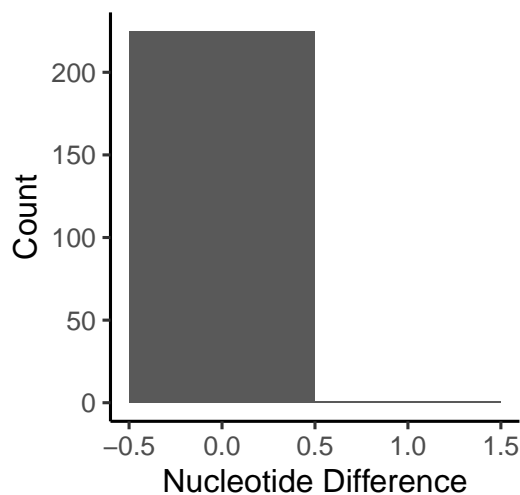
TRBV11-2*ap01

2982 sequences assigned
2965 (99.4%) exact matches, in which:
2941 unique CDR3
13 unique J



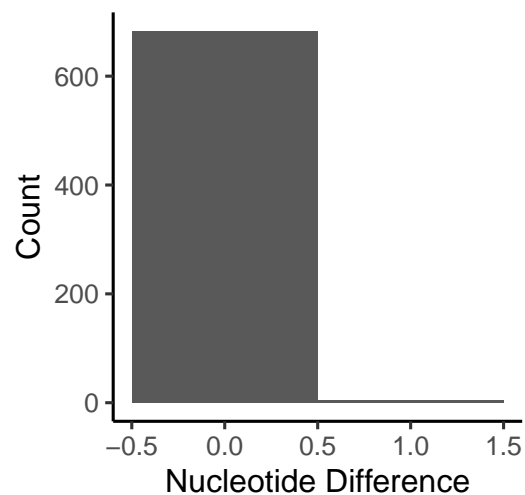
TRBV12-2*ap01

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



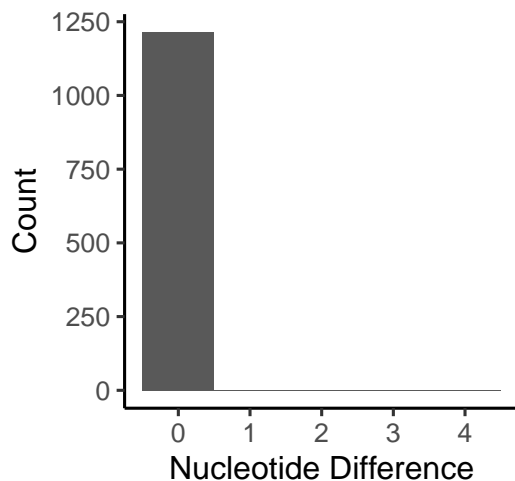
TRBV23-1*ap01

688 sequences assigned
683 (99.3%) exact matches, in which:
678 unique CDR3
13 unique J



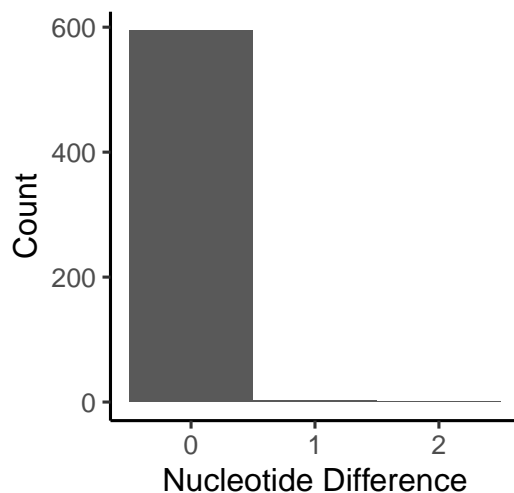
TRBV11-3*ap01

1220 sequences assigned
1215 (99.6%) exact matches, in which:
1205 unique CDR3
13 unique J



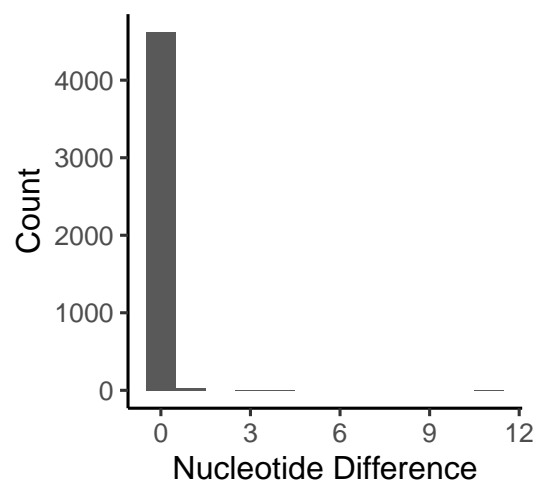
TRBV12-5*ap01

598 sequences assigned
595 (99.5%) exact matches, in which:
593 unique CDR3
13 unique J



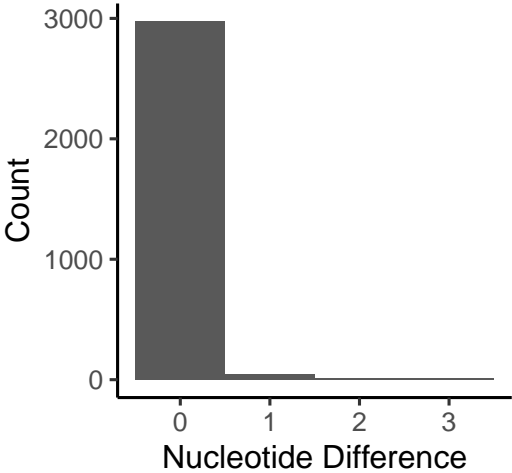
TRBV3-12*ap01

4657 sequences assigned
4621 (99.2%) exact matches, in which:
4578 unique CDR3
13 unique J



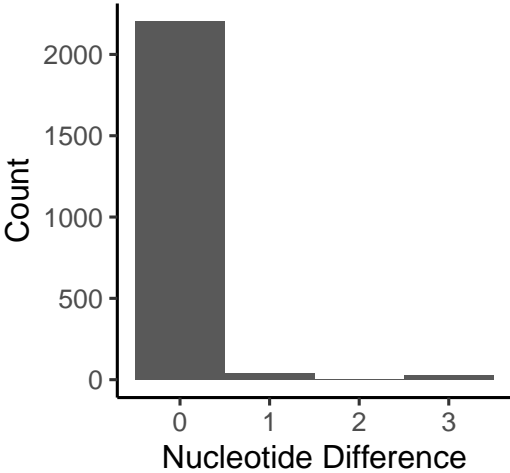
TRBV4-1*ap01

3047 sequences assigned
2975 (97.6%) exact matches, in which:
2932 unique CDR3
13 unique J



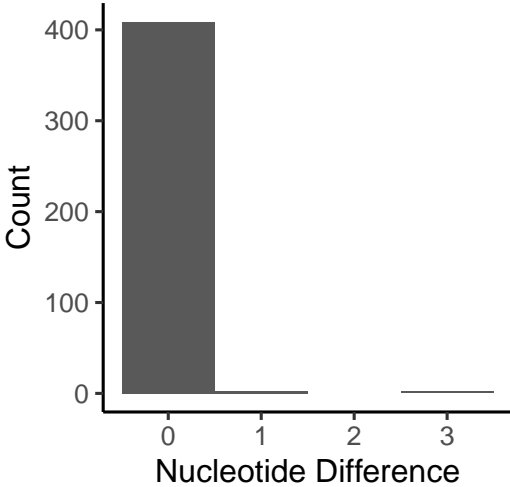
TRBV4-3*ap01

2270 sequences assigned
2203 (97%) exact matches, in which:
2161 unique CDR3
13 unique J



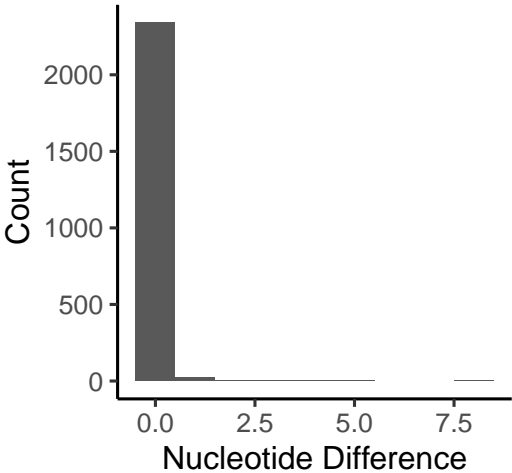
TRBV5-3*ap01

414 sequences assigned
409 (98.8%) exact matches, in which:
406 unique CDR3
13 unique J



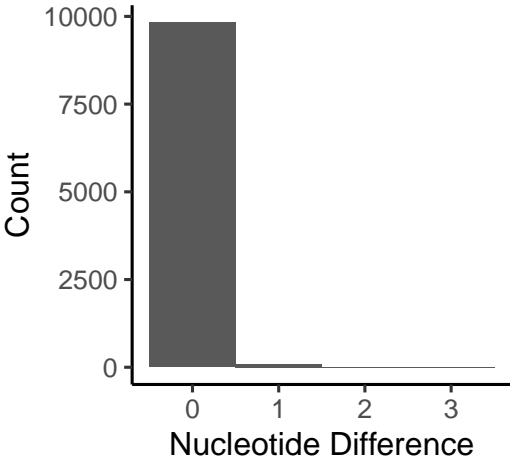
TRBV24-1*ap01

2370 sequences assigned
2340 (98.7%) exact matches, in which:
2304 unique CDR3
13 unique J



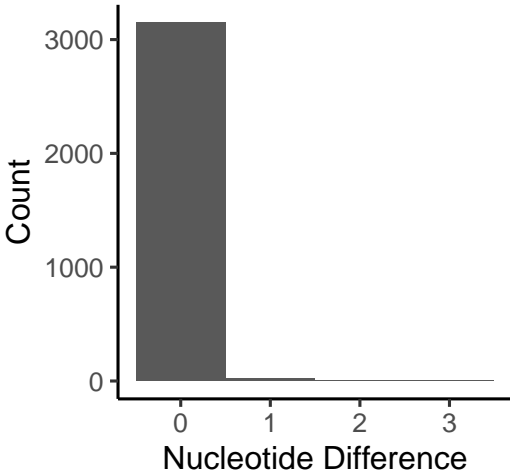
TRBV5-1*ap01

9945 sequences assigned
9827 (98.8%) exact matches, in which:
9634 unique CDR3
13 unique J



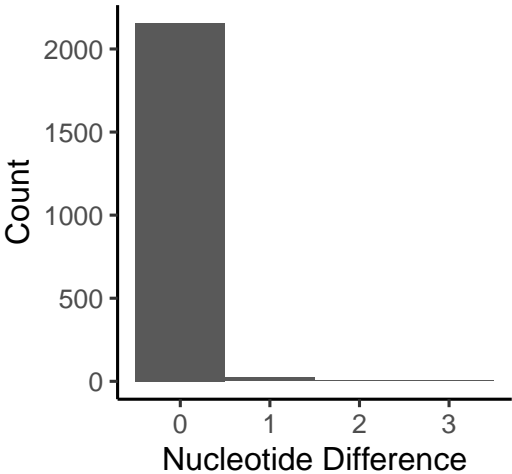
TRBV5-4*ap01

3176 sequences assigned
3148 (99.1%) exact matches, in which:
3103 unique CDR3
13 unique J



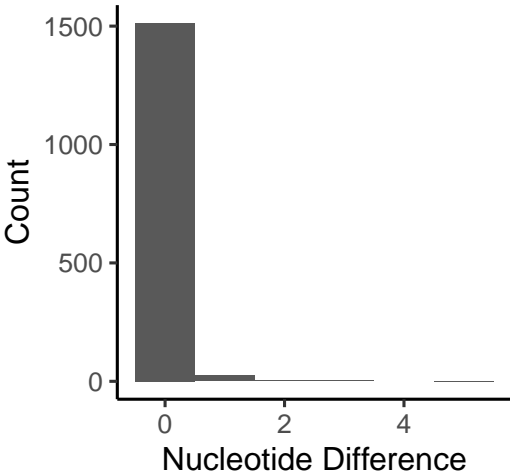
TRBV4-2*ap01

2189 sequences assigned
2156 (98.5%) exact matches, in which:
2119 unique CDR3
13 unique J



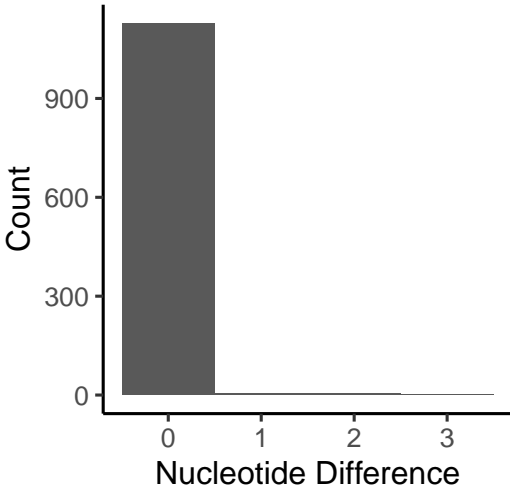
TRBV25-1*ap01

1545 sequences assigned
1513 (97.9%) exact matches, in which:
1480 unique CDR3
13 unique J



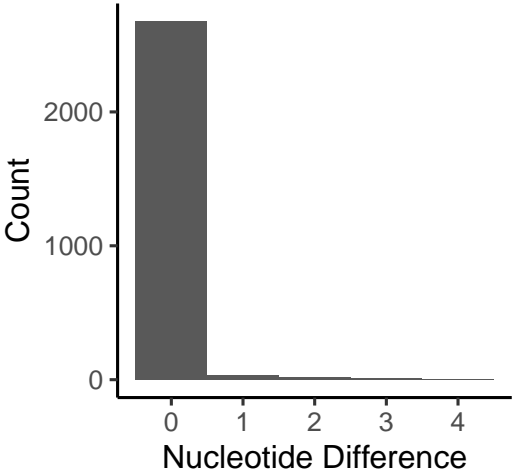
TRBV5-5*ap01

1140 sequences assigned
1128 (98.9%) exact matches, in which:
1119 unique CDR3
13 unique J



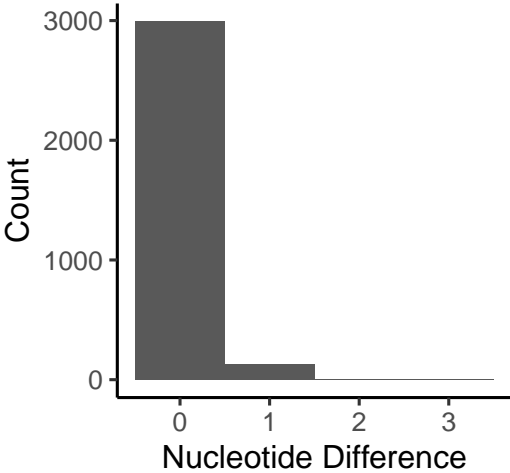
TRBV5-6*ap01

2738 sequences assigned
2676 (97.7%) exact matches, in which:
2621 unique CDR3
13 unique J



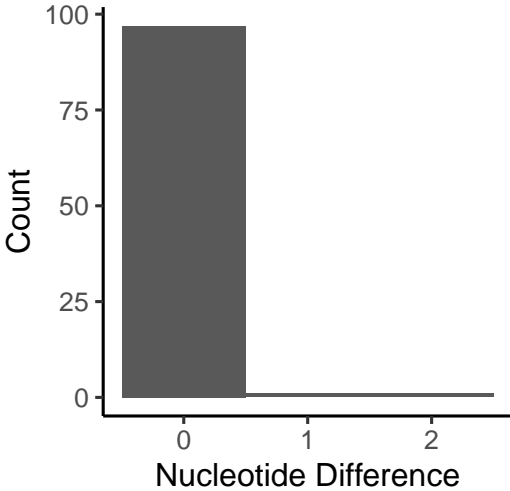
TRBV6-1*ap01

3126 sequences assigned
2993 (95.7%) exact matches, in which:
2925 unique CDR3
13 unique J



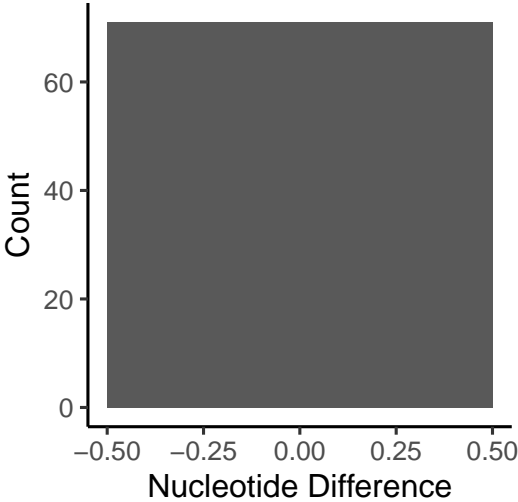
TRBV6-8*ap01

99 sequences assigned
97 (98%) exact matches, in which:
96 unique CDR3
13 unique J



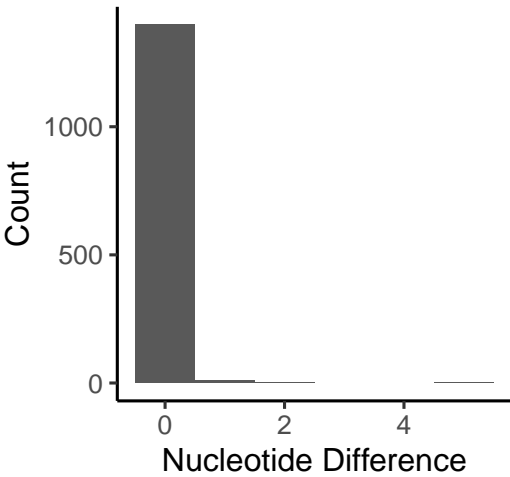
TRBV5-7*ap01

71 sequences assigned
71 (100%) exact matches, in which:
67 unique CDR3
11 unique J



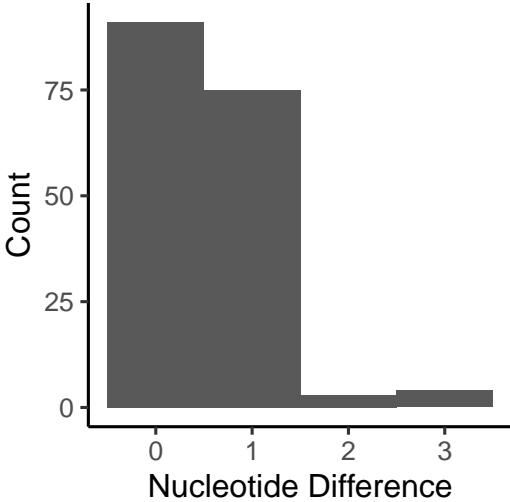
TRBV6-4*ap01

1408 sequences assigned
1398 (99.3%) exact matches, in which:
1390 unique CDR3
13 unique J



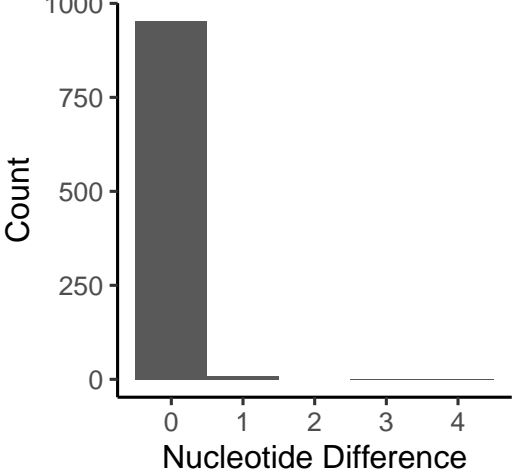
TRBV6-9*ap01

173 sequences assigned
91 (52.6%) exact matches, in which:
89 unique CDR3
13 unique J



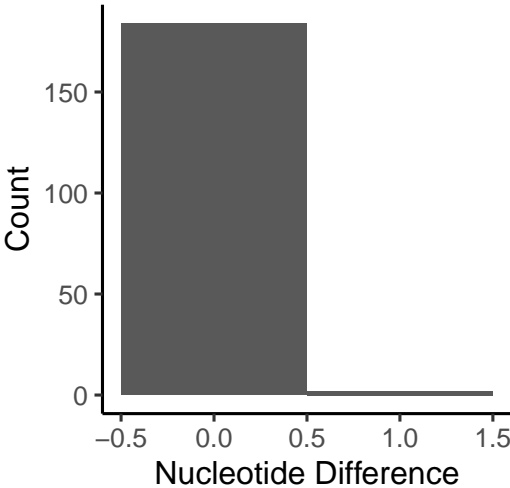
TRBV5-8*ap01

963 sequences assigned
953 (99%) exact matches, in which:
945 unique CDR3
13 unique J



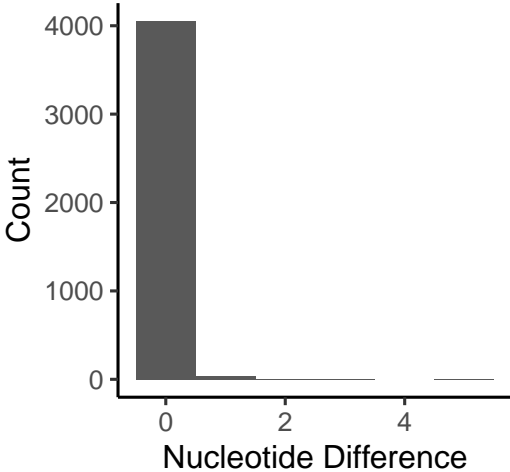
TRBV6-7*ap01

186 sequences assigned
184 (98.9%) exact matches, in which:
182 unique CDR3
13 unique J



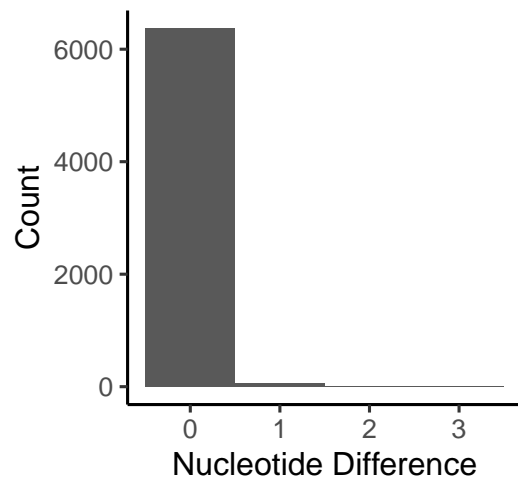
TRBV6-23*ap01

4101 sequences assigned
4053 (98.8%) exact matches, in which:
3949 unique CDR3
13 unique J



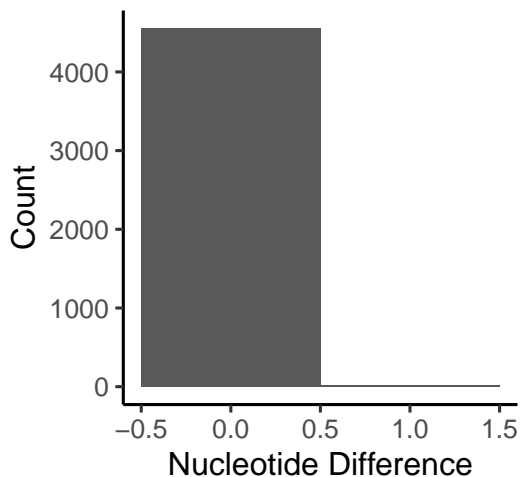
TRBV6-56*ap01

6448 sequences assigned
6370 (98.8%) exact matches, in which:
6223 unique CDR3
13 unique J



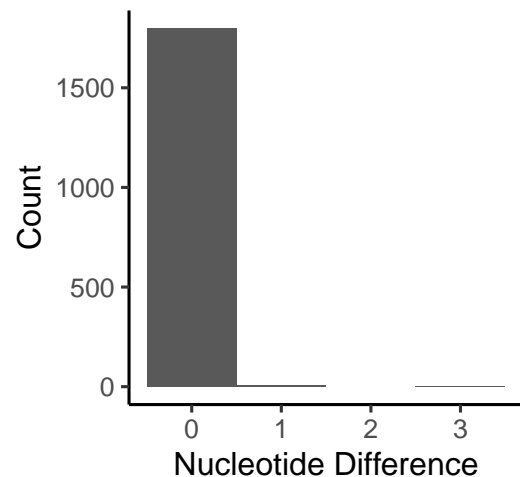
TRBV7-2*ap01

4577 sequences assigned
4553 (99.5%) exact matches, in which:
4500 unique CDR3
13 unique J



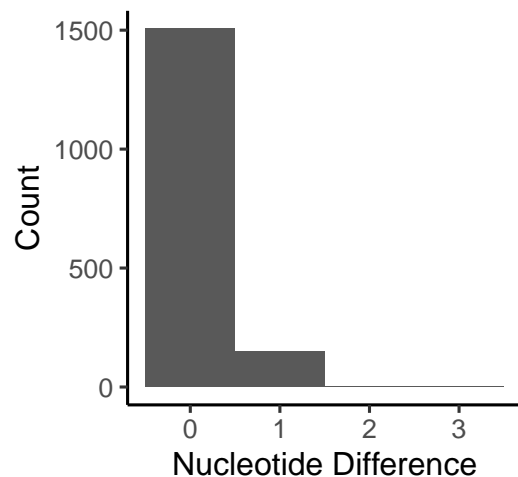
TRBV7-6*ap01

1806 sequences assigned
1798 (99.6%) exact matches, in which:
1770 unique CDR3
13 unique J



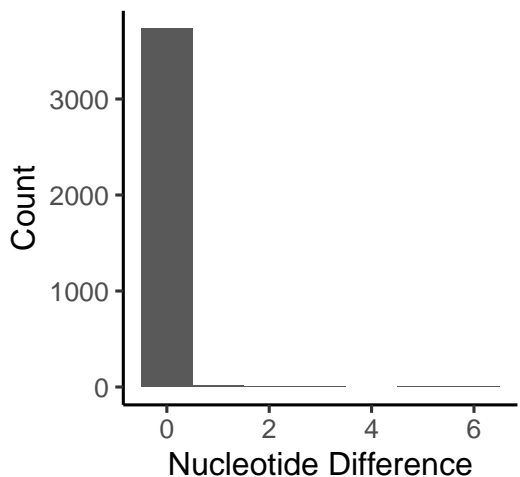
TRBV6-56*ap02

1662 sequences assigned
1506 (90.6%) exact matches, in which:
1474 unique CDR3
13 unique J



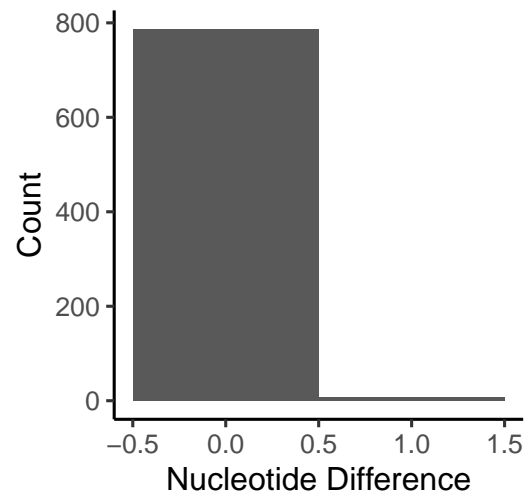
TRBV7-3*ap01

3754 sequences assigned
3732 (99.4%) exact matches, in which:
3706 unique CDR3
13 unique J



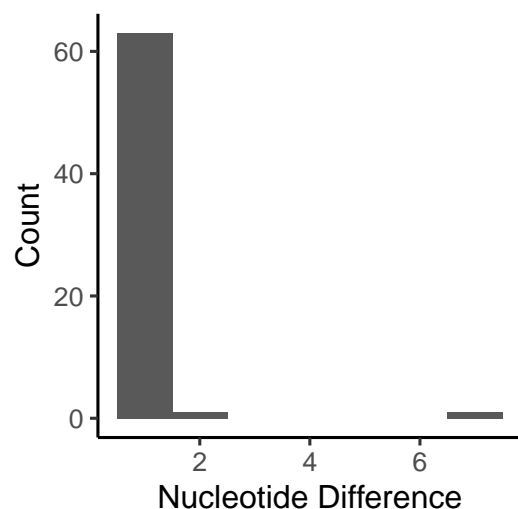
TRBV7-7*ap01_C315T

795 sequences assigned
787 (99%) exact matches, in which:
774 unique CDR3
13 unique J



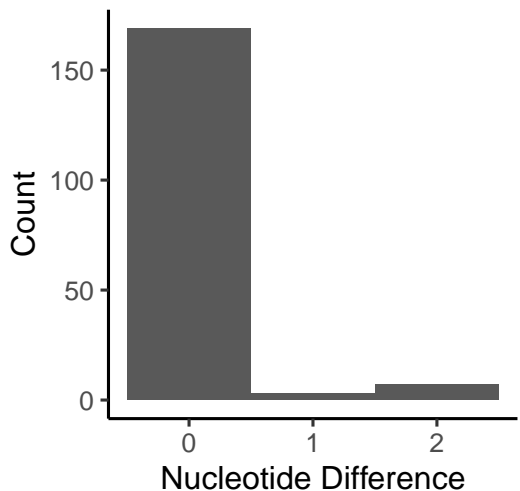
TRBV7-1*ap01_T296C

65 sequences assigned
No exact matches.



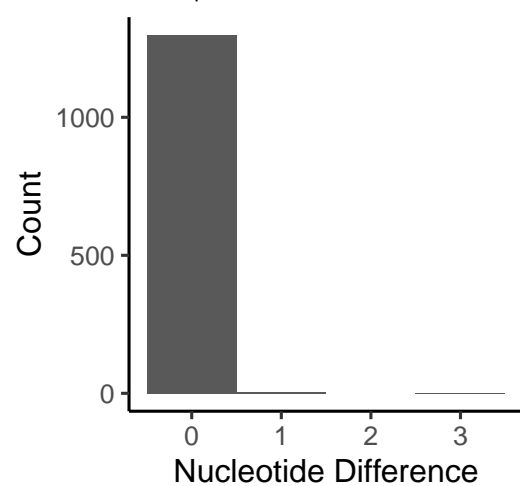
TRBV7-4*ap01

179 sequences assigned
169 (94.4%) exact matches, in which:
167 unique CDR3
13 unique J



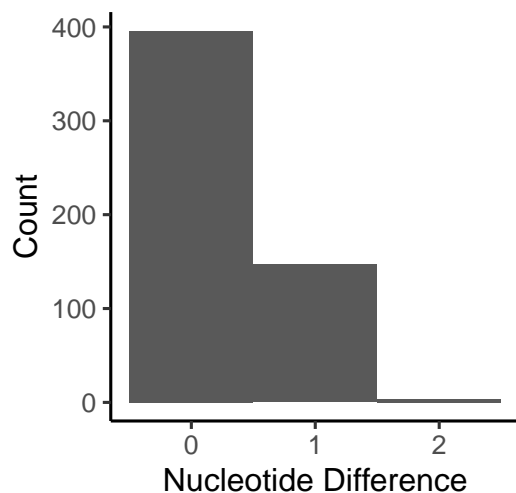
TRBV7-8*ap01

1303 sequences assigned
1298 (99.6%) exact matches, in which:
1284 unique CDR3
13 unique J



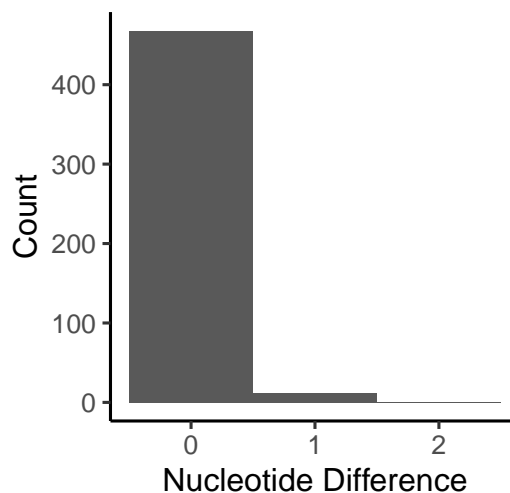
TRBV7–8*ap03

547 sequences assigned
396 (72.4%) exact matches, in which:
390 unique CDR3
13 unique J



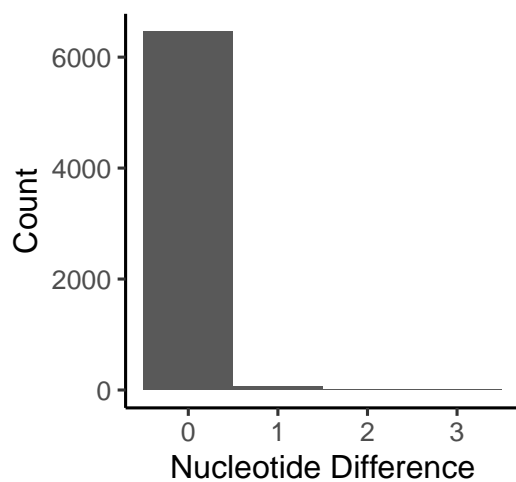
TRBV29–1*ap02

481 sequences assigned
468 (97.3%) exact matches, in which:
450 unique CDR3
13 unique J



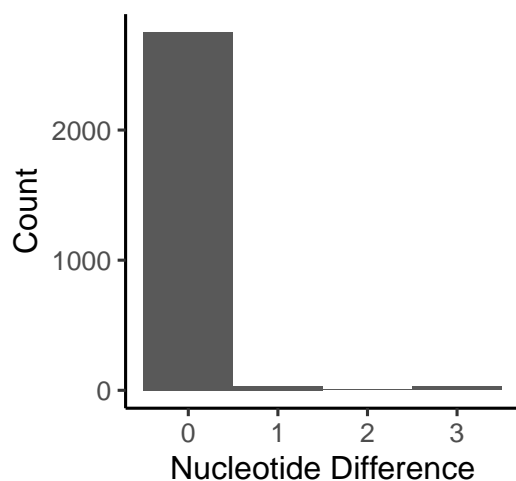
TRBV7–9*ap01

6527 sequences assigned
6458 (98.9%) exact matches, in which:
6346 unique CDR3
13 unique J

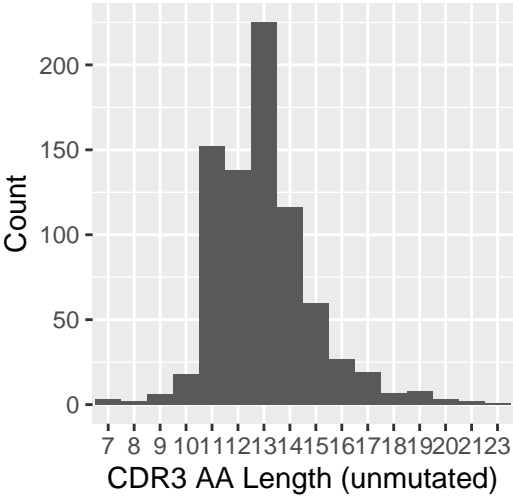


TRBV29–1*ap01

2822 sequences assigned
2753 (97.6%) exact matches, in which:
2683 unique CDR3
13 unique J



TRBV7-7*ap01_C315T





[illegible]