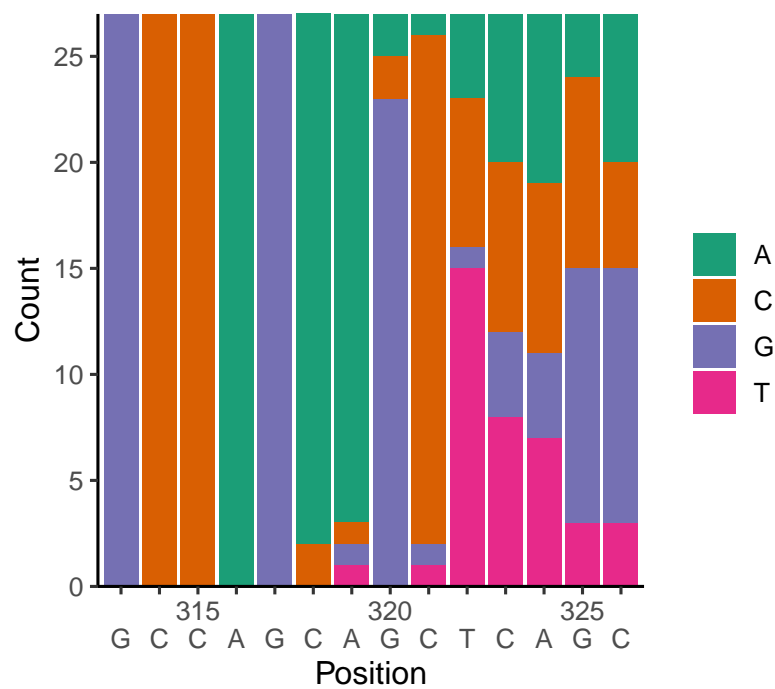
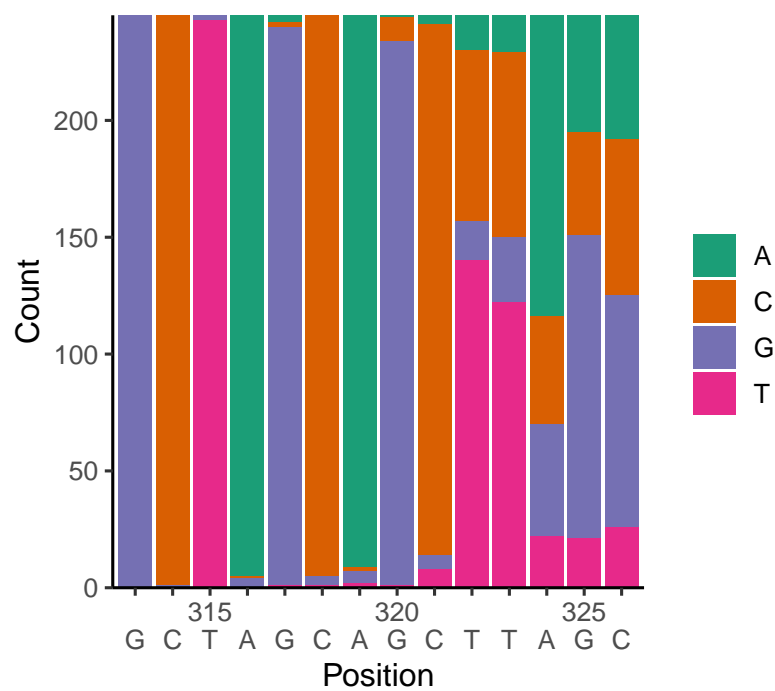


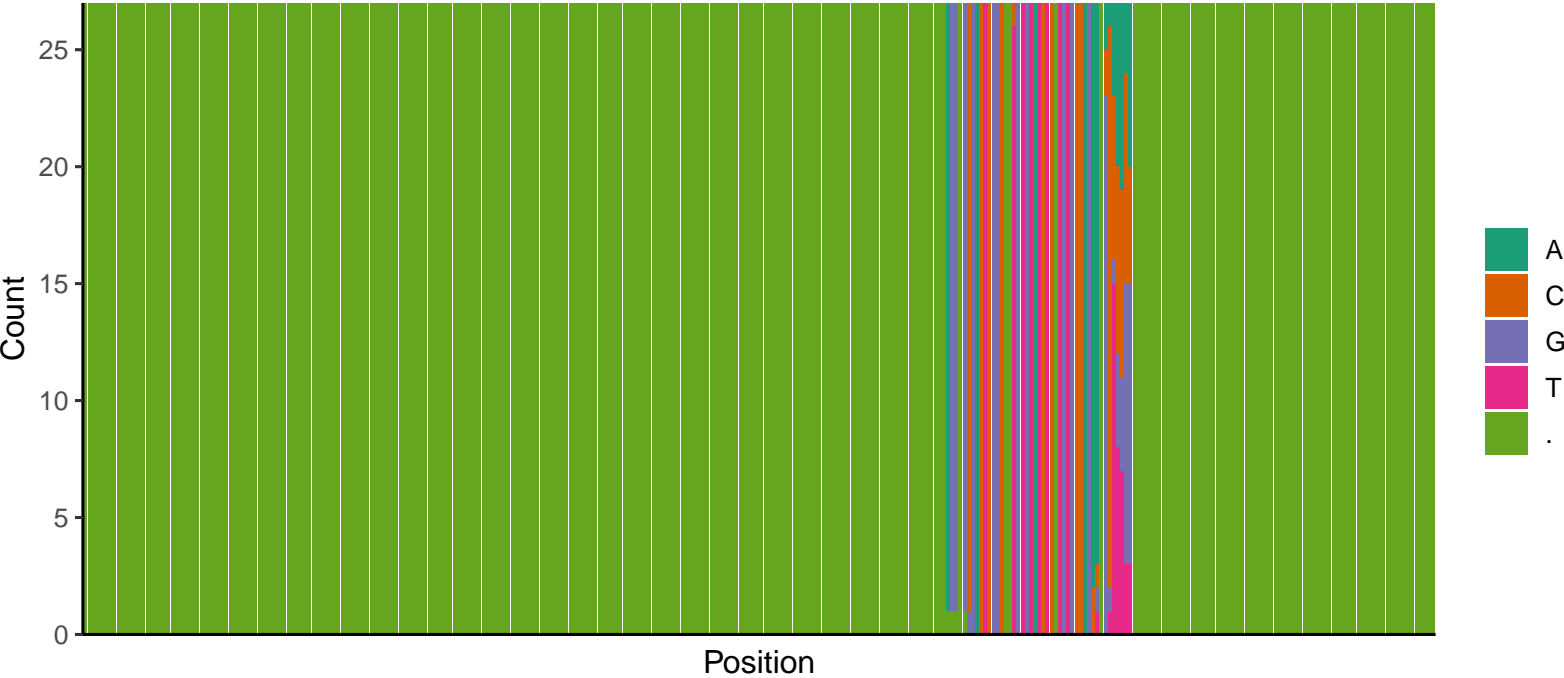
Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



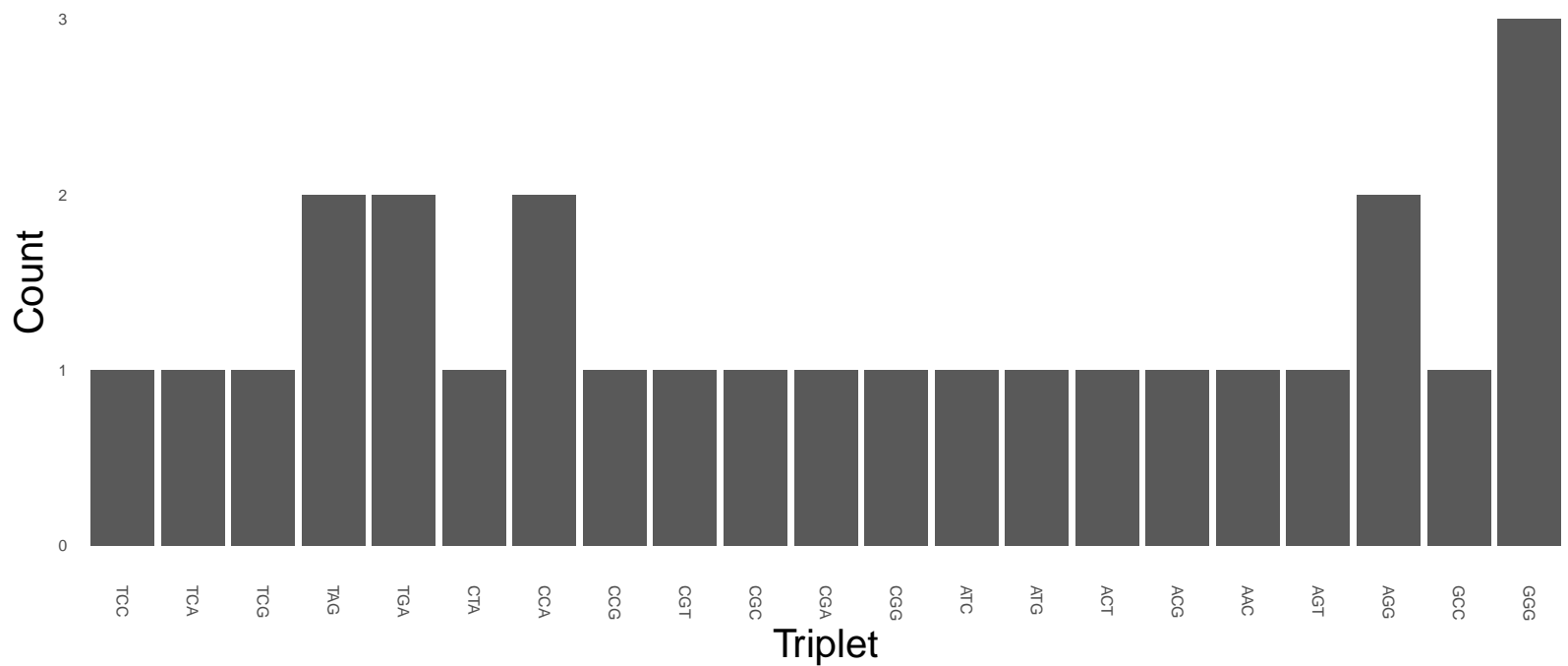
Gene TRBV7-1*ap01_T296C



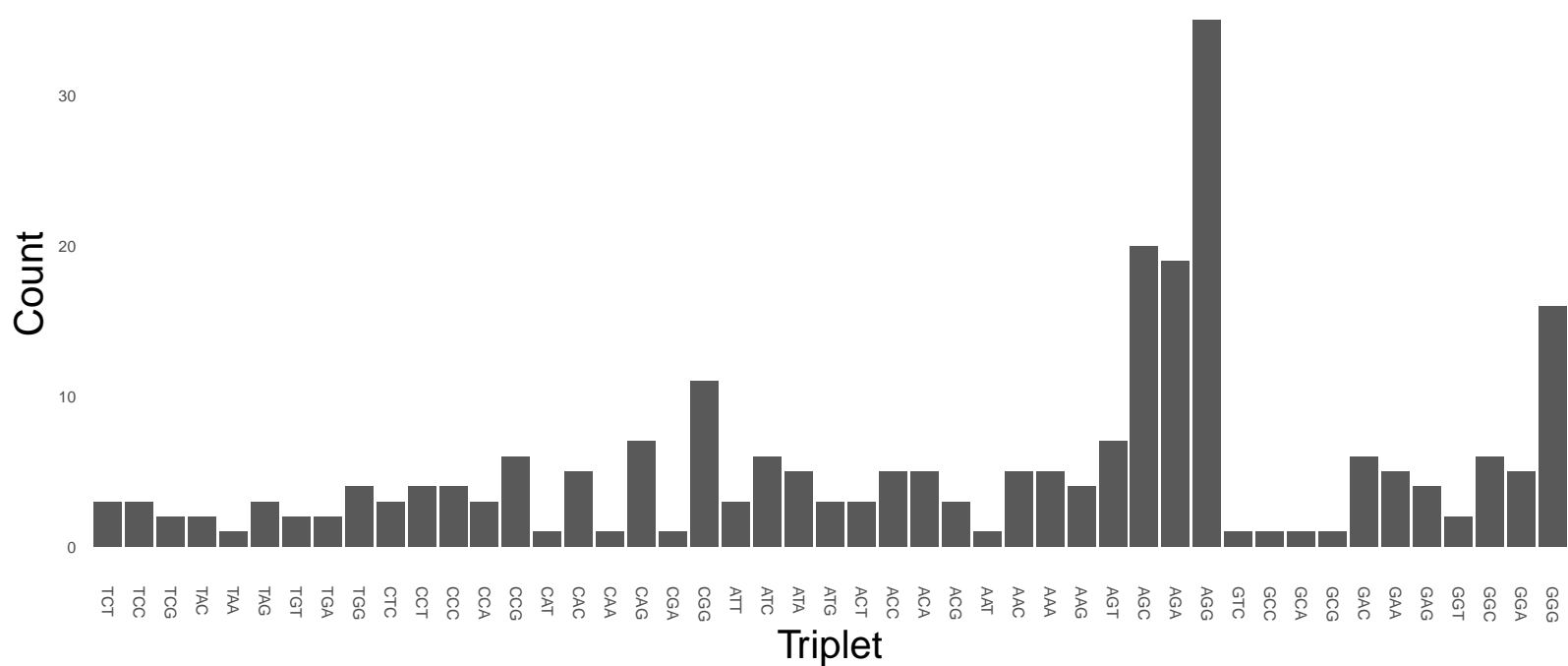
Gene TRBV7-7*ap01_C315T



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

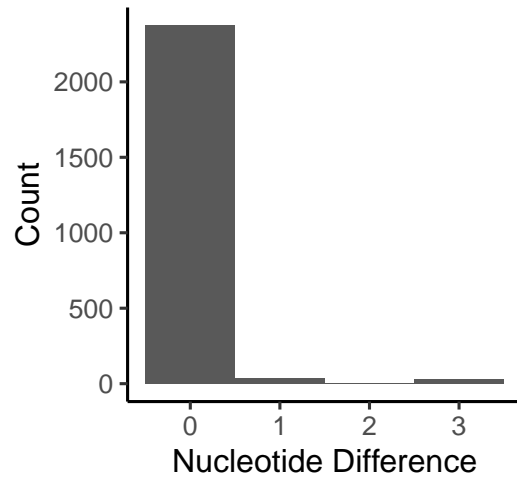


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



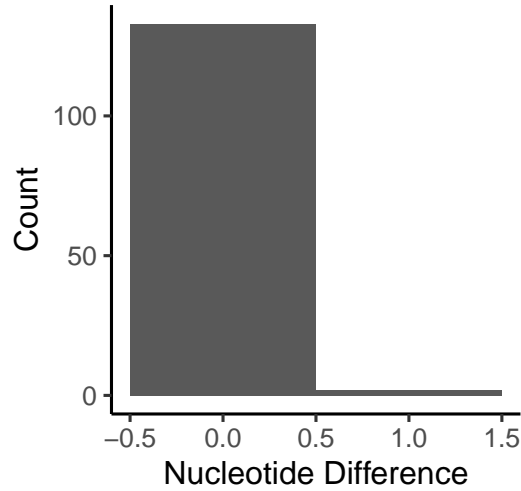
TRBV20–1*ap01

2445 sequences assigned
2374 (97.1%) exact matches, in which:
2324 unique CDR3
13 unique J



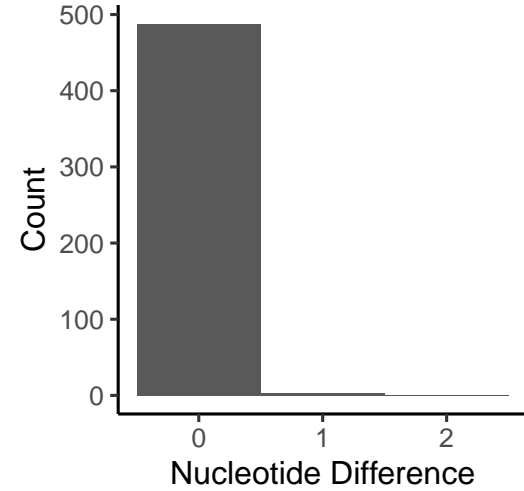
TRBV10–2*ap01

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



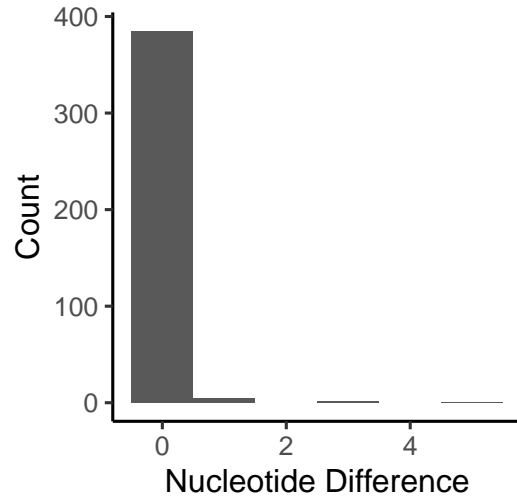
TRBV13*ap01

492 sequences assigned
488 (99.2%) exact matches, in which:
480 unique CDR3
13 unique J



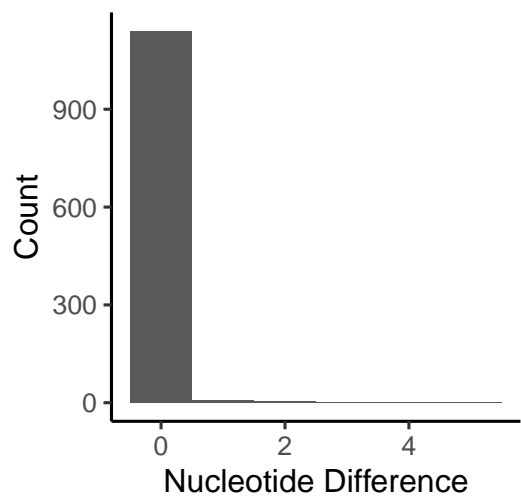
TRBV10–1*ap01

393 sequences assigned
385 (98%) exact matches, in which:
381 unique CDR3
13 unique J



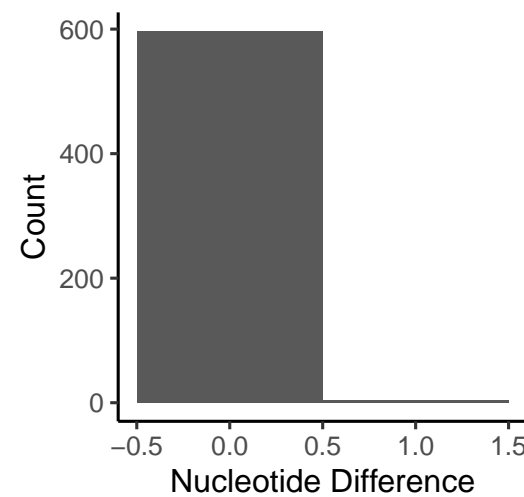
TRBV10–3*ap01

1156 sequences assigned
1140 (98.6%) exact matches, in which:
1123 unique CDR3
13 unique J



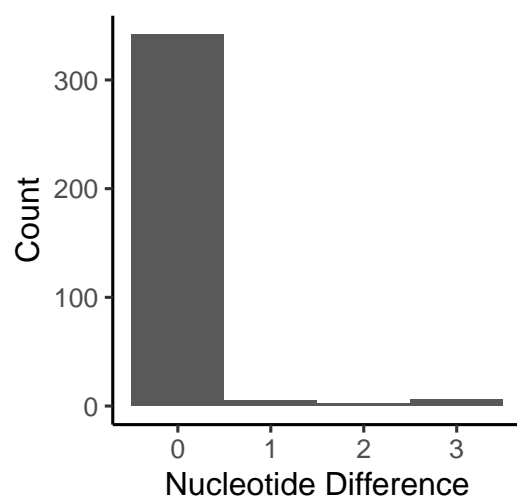
TRBV14*ap01

601 sequences assigned
597 (99.3%) exact matches, in which:
587 unique CDR3
13 unique J



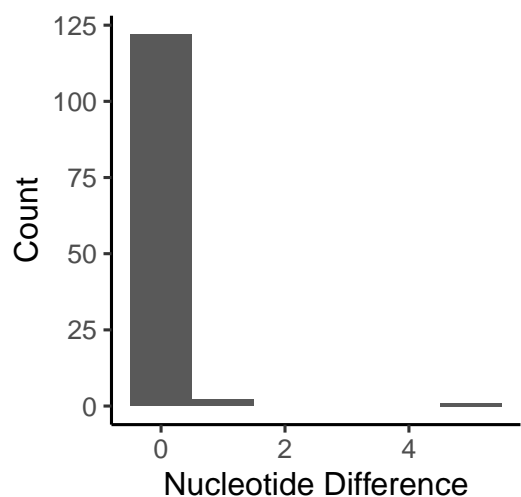
TRBV20–1*ap02

355 sequences assigned
342 (96.3%) exact matches, in which:
335 unique CDR3
13 unique J



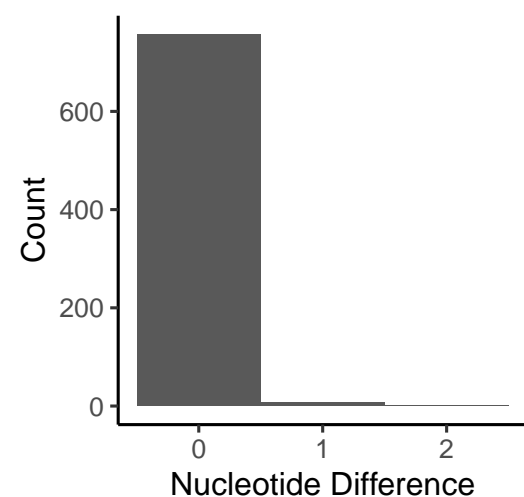
TRBV1*ap01

125 sequences assigned
122 (97.6%) exact matches, in which:
117 unique CDR3
11 unique J



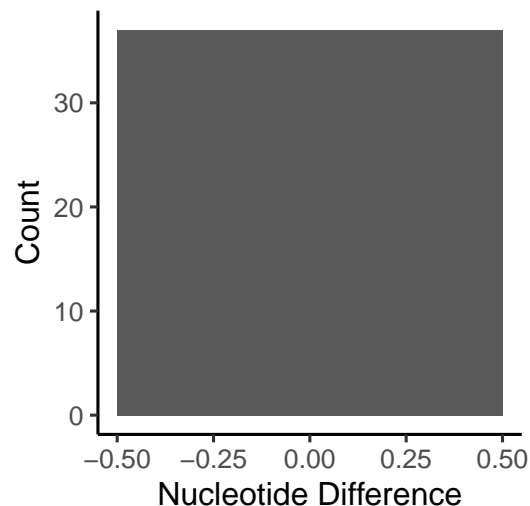
TRBV15*ap02

766 sequences assigned
757 (98.8%) exact matches, in which:
744 unique CDR3
13 unique J



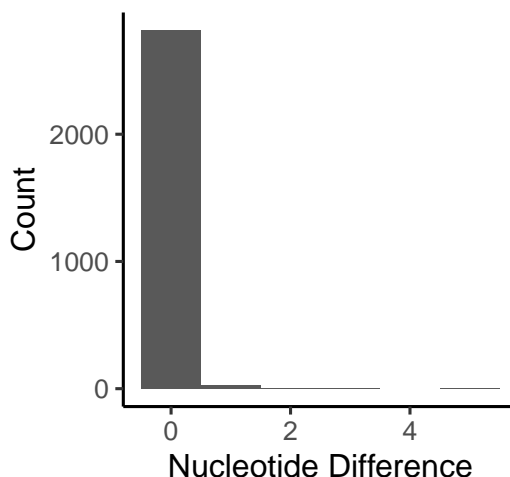
TRBV16*ap01

37 sequences assigned
37 (100%) exact matches, in which:
37 unique CDR3
10 unique J



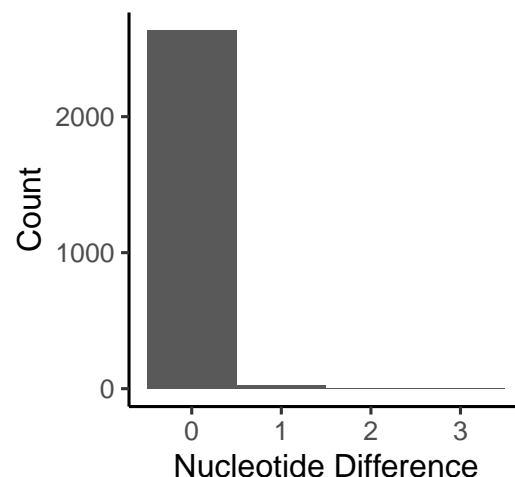
TRBV19*ap01

2853 sequences assigned
2816 (98.7%) exact matches, in which:
2771 unique CDR3
13 unique J



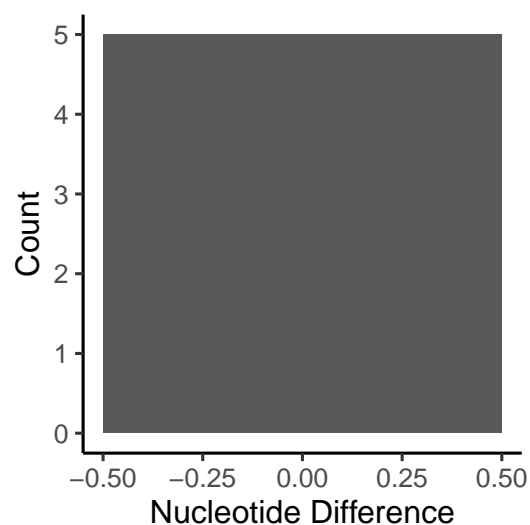
TRBV28*ap01

2665 sequences assigned
2634 (98.8%) exact matches, in which:
2586 unique CDR3
13 unique J



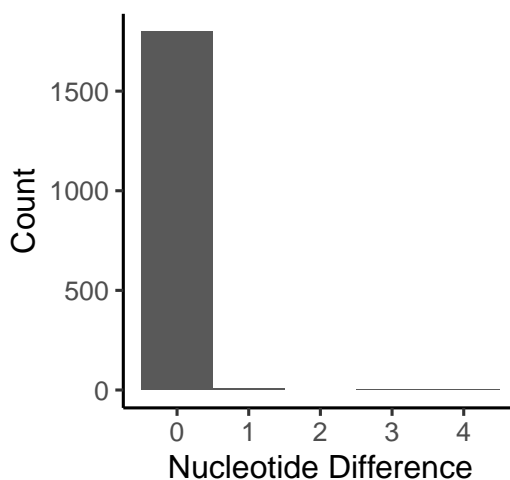
TRBV17*ap01

5 sequences assigned
5 (100%) exact matches, in which:
5 unique CDR3
4 unique J



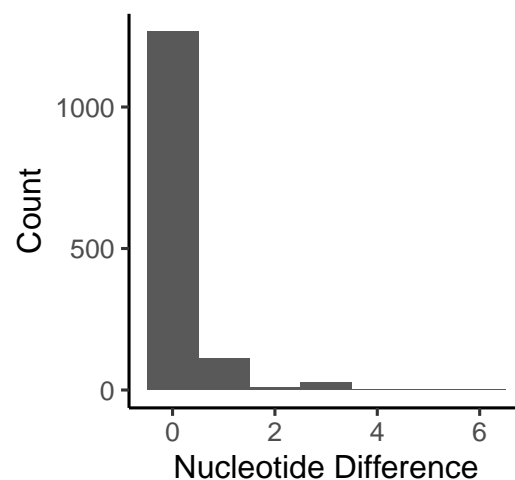
TRBV2*ap01

1806 sequences assigned
1798 (99.6%) exact matches, in which:
1776 unique CDR3
13 unique J



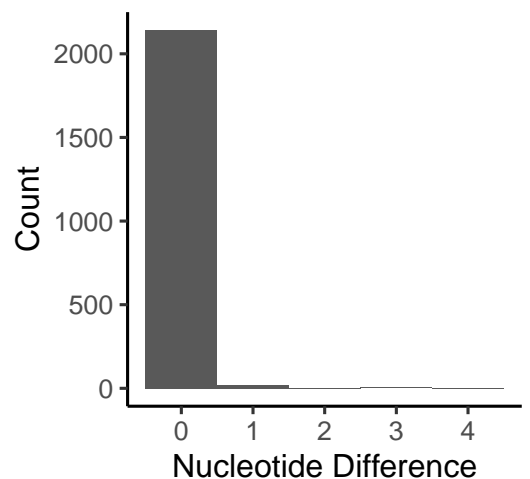
TRBV30*ap01

1420 sequences assigned
1266 (89.2%) exact matches, in which:
1242 unique CDR3
13 unique J



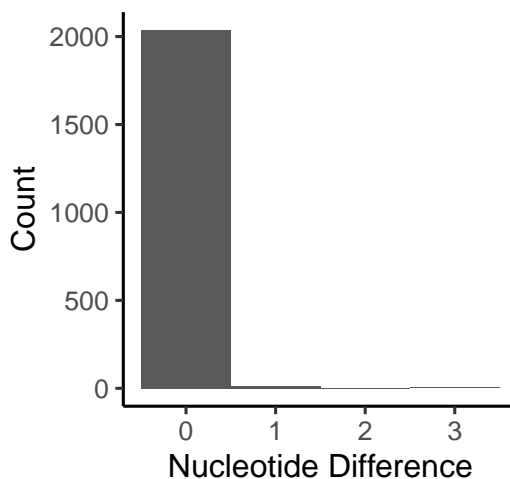
TRBV18*ap01

2170 sequences assigned
2142 (98.7%) exact matches, in which:
2094 unique CDR3
13 unique J



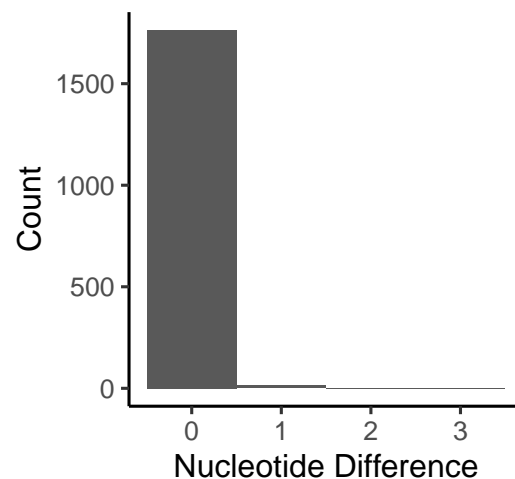
TRBV27*ap01

2055 sequences assigned
2037 (99.1%) exact matches, in which:
2009 unique CDR3
13 unique J



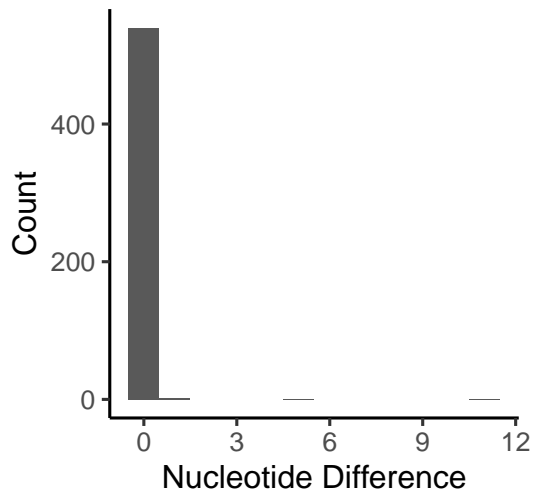
TRBV9*ap01

1780 sequences assigned
1764 (99.1%) exact matches, in which:
1732 unique CDR3
13 unique J



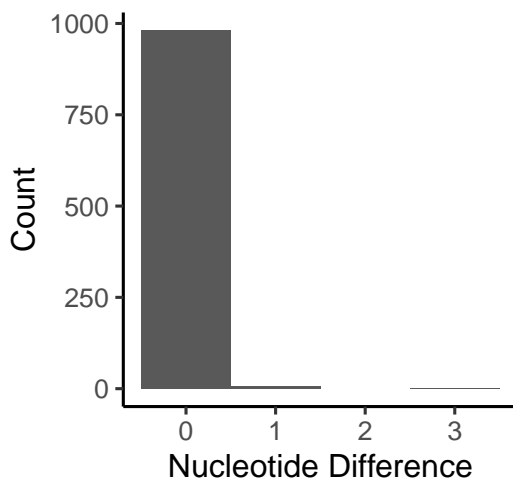
TRBV21-1*ap01

544 sequences assigned
540 (99.3%) exact matches, in which:
539 unique CDR3
13 unique J



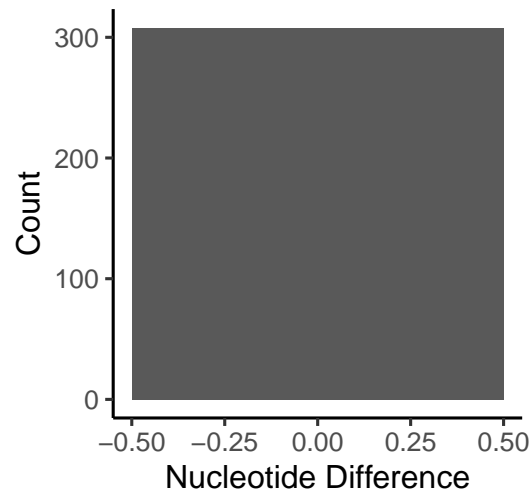
TRBV11-3*ap01

989 sequences assigned
981 (99.2%) exact matches, in which:
973 unique CDR3
13 unique J



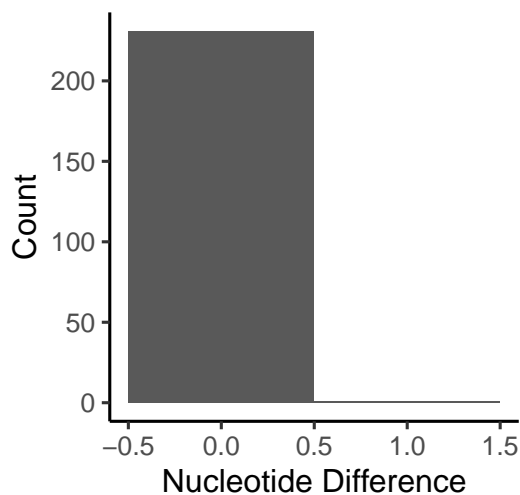
TRBV12-5*ap01

308 sequences assigned
308 (100%) exact matches, in which:
306 unique CDR3
13 unique J



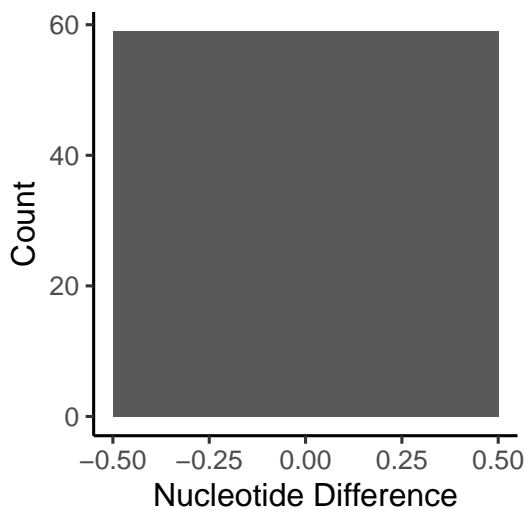
TRBV11-1*ap01

232 sequences assigned
231 (99.6%) exact matches, in which:
225 unique CDR3
13 unique J



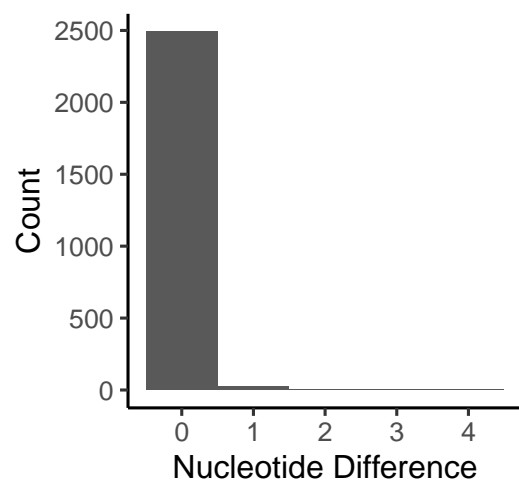
TRBV12-1*ap01

59 sequences assigned
59 (100%) exact matches, in which:
58 unique CDR3
12 unique J



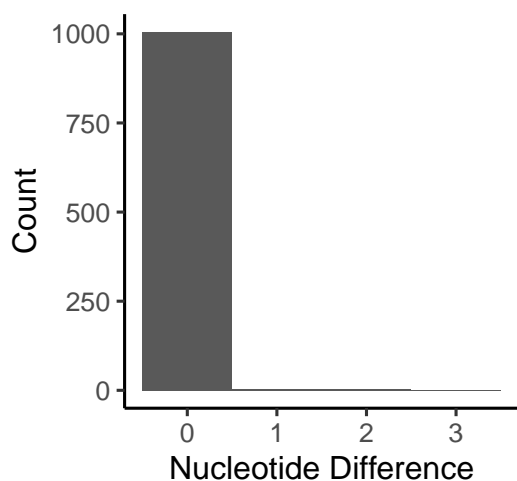
TRBV12-34*ap01

2517 sequences assigned
2491 (99%) exact matches, in which:
2443 unique CDR3
13 unique J



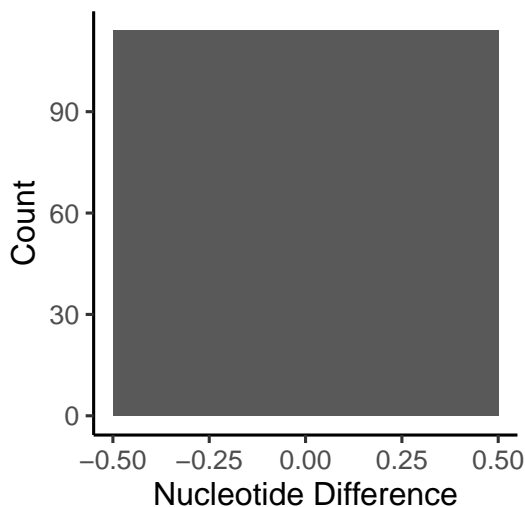
TRBV11-2*ap01

1014 sequences assigned
1005 (99.1%) exact matches, in which:
991 unique CDR3
13 unique J



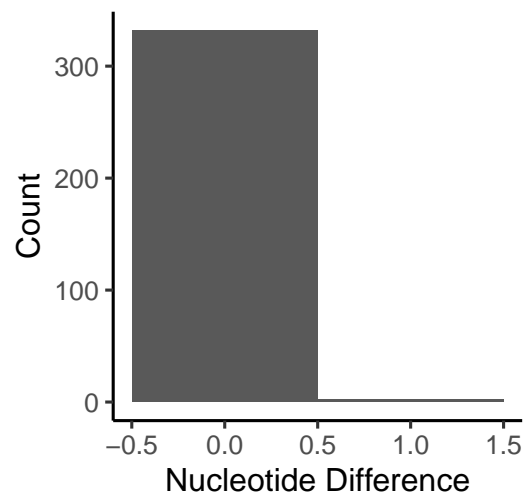
TRBV12-2*ap01

114 sequences assigned
114 (100%) exact matches, in which:
109 unique CDR3
13 unique J



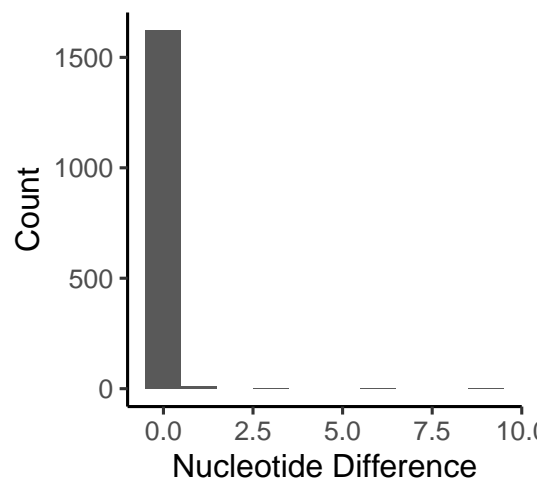
TRBV23-1*ap01

334 sequences assigned
332 (99.4%) exact matches, in which:
328 unique CDR3
13 unique J



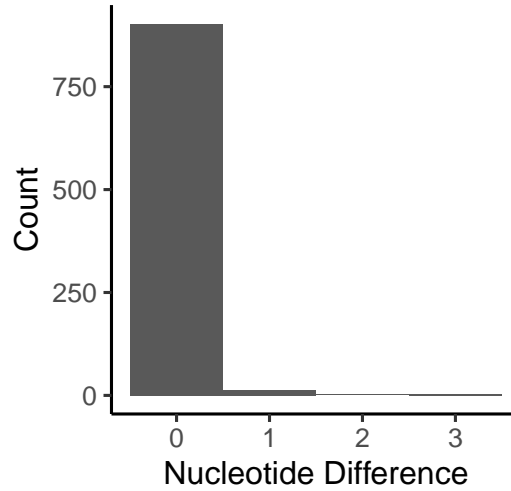
TRBV3-12*ap01

1638 sequences assigned
1622 (99%) exact matches, in which:
1607 unique CDR3
13 unique J



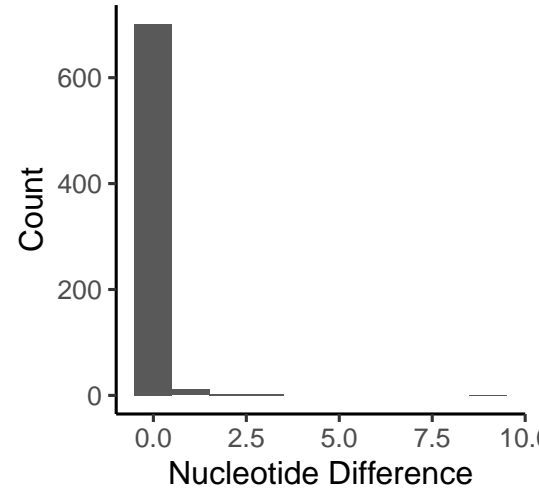
TRBV4-2*ap01

922 sequences assigned
903 (97.9%) exact matches, in which:
883 unique CDR3
13 unique J



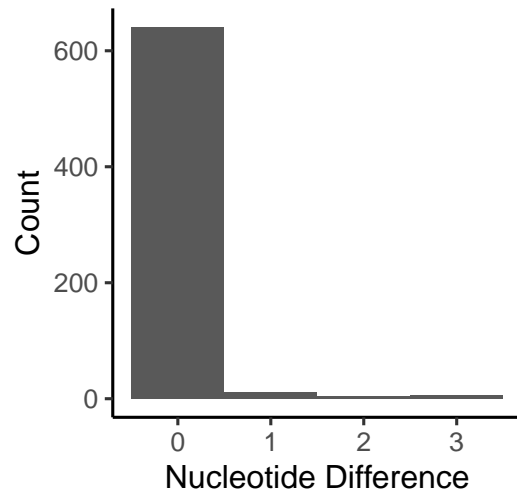
TRBV25-1*ap01

718 sequences assigned
702 (97.8%) exact matches, in which:
685 unique CDR3
13 unique J



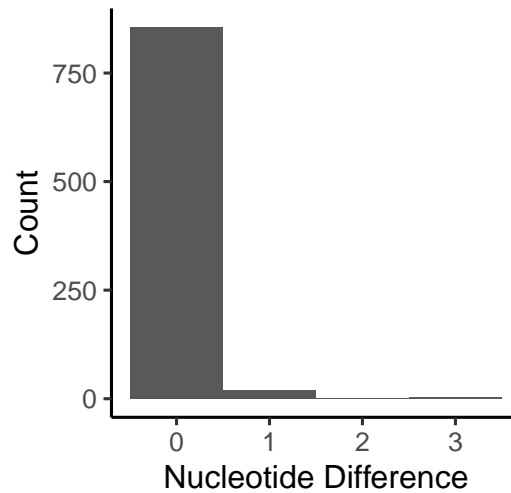
TRBV4-1*ap01

663 sequences assigned
641 (96.7%) exact matches, in which:
623 unique CDR3
13 unique J



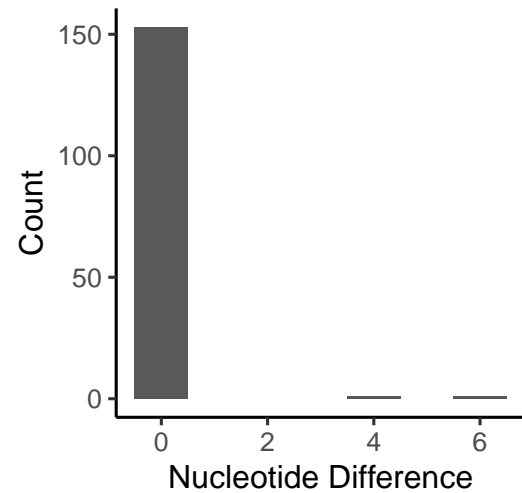
TRBV4-3*ap01

881 sequences assigned
856 (97.2%) exact matches, in which:
837 unique CDR3
13 unique J



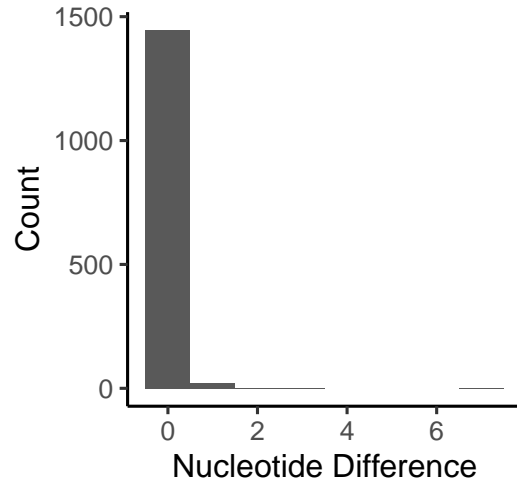
TRBV5-3*ap01

155 sequences assigned
153 (98.7%) exact matches, in which:
151 unique CDR3
13 unique J



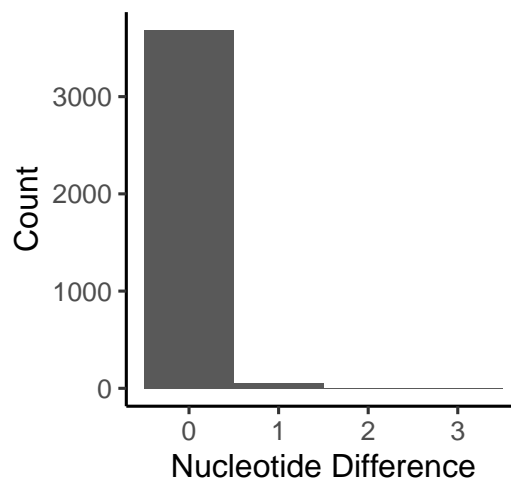
TRBV24-1*ap01

1472 sequences assigned
1446 (98.2%) exact matches, in which:
1414 unique CDR3
13 unique J



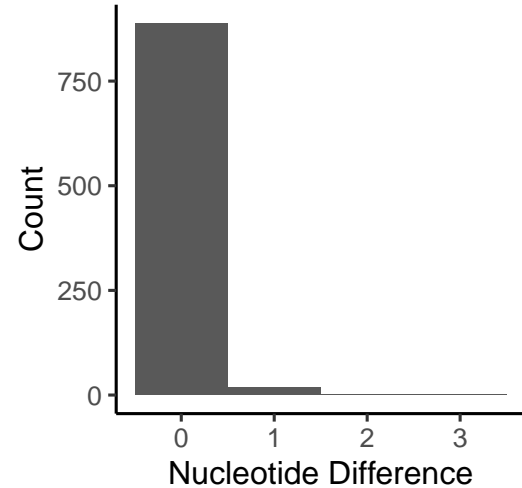
TRBV5-1*ap01

3744 sequences assigned
3685 (98.4%) exact matches, in which:
3596 unique CDR3
13 unique J



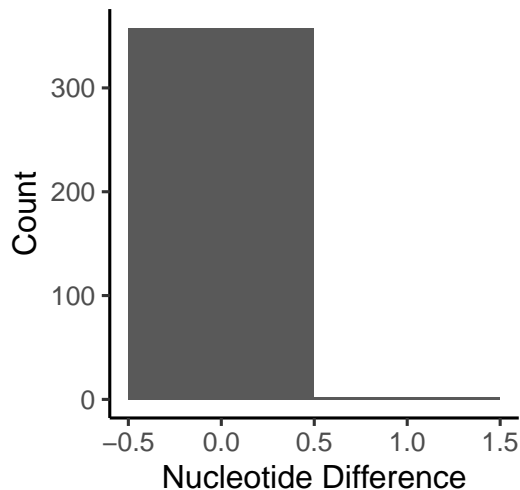
TRBV5-4*ap01

908 sequences assigned
888 (97.8%) exact matches, in which:
873 unique CDR3
13 unique J



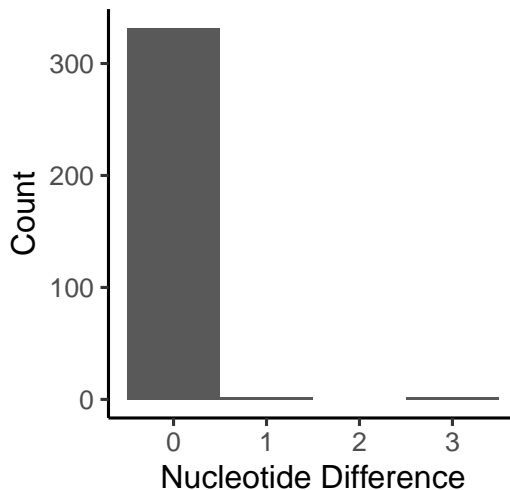
TRBV5–5*ap01

360 sequences assigned
358 (99.4%) exact matches, in which:
354 unique CDR3
13 unique J



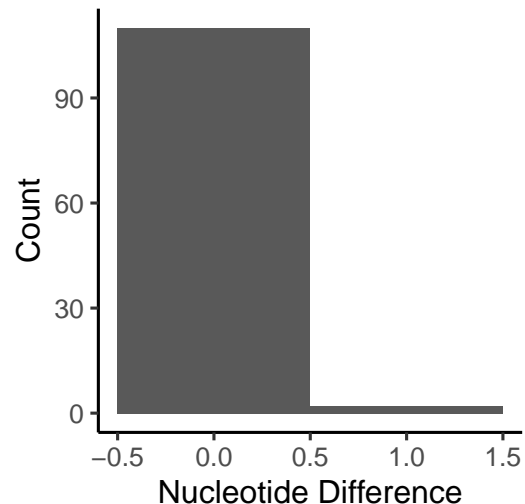
TRBV5–8*ap01

336 sequences assigned
332 (98.8%) exact matches, in which:
327 unique CDR3
13 unique J



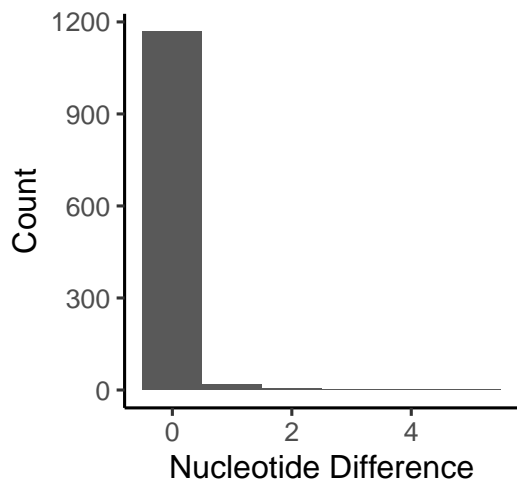
TRBV6–7*ap01

112 sequences assigned
110 (98.2%) exact matches, in which:
107 unique CDR3
12 unique J



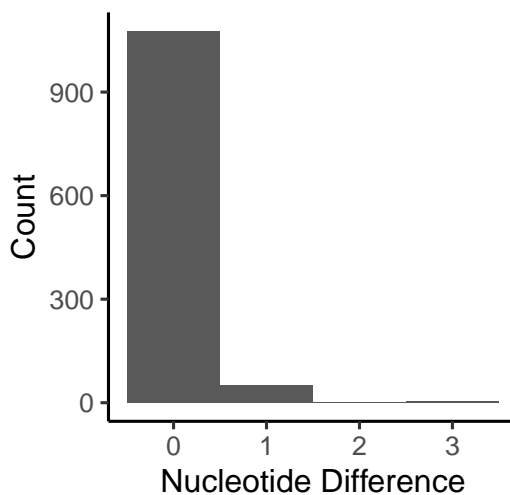
TRBV5–6*ap01

1199 sequences assigned
1168 (97.4%) exact matches, in which:
1128 unique CDR3
13 unique J



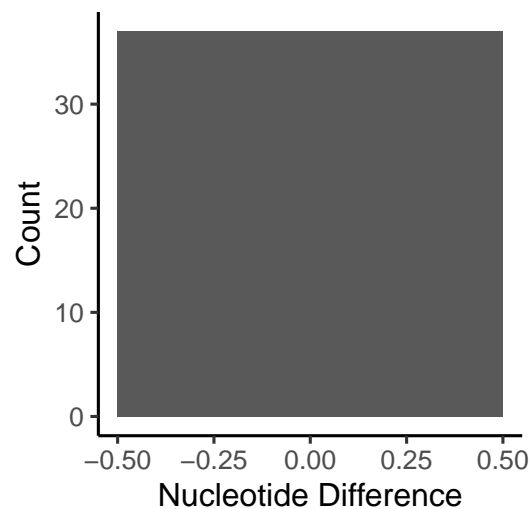
TRBV6–1*ap01

1133 sequences assigned
1077 (95.1%) exact matches, in which:
1056 unique CDR3
13 unique J



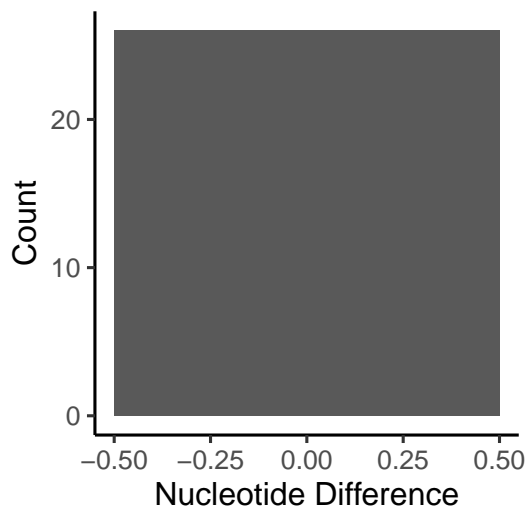
TRBV6–8*ap01

37 sequences assigned
37 (100%) exact matches, in which:
37 unique CDR3
12 unique J



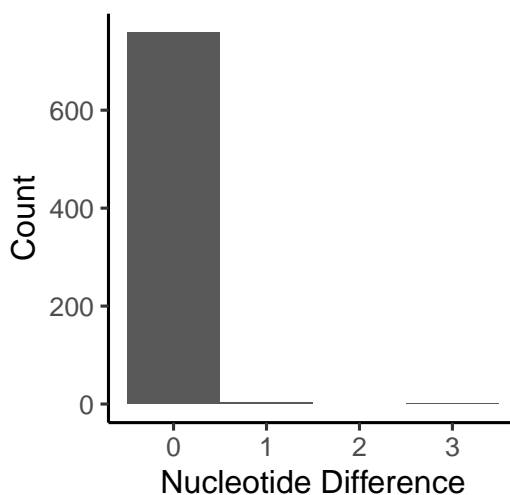
TRBV5–7*ap01

26 sequences assigned
26 (100%) exact matches, in which:
26 unique CDR3
10 unique J



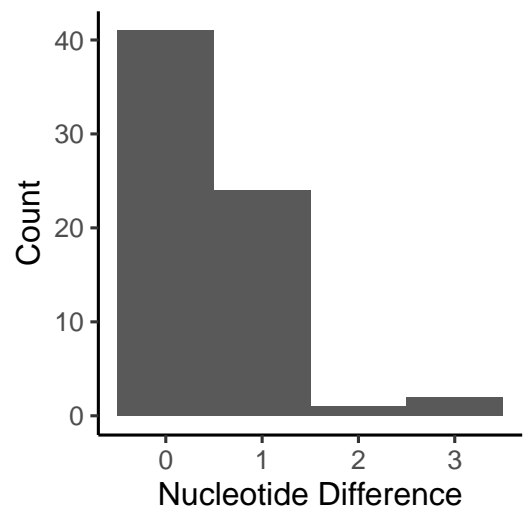
TRBV6–4*ap01

764 sequences assigned
759 (99.3%) exact matches, in which:
752 unique CDR3
13 unique J



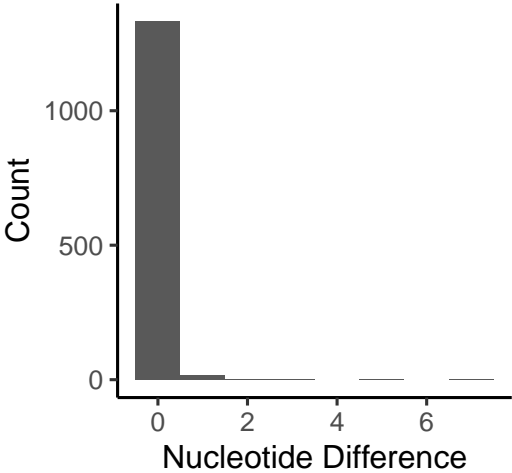
TRBV6–9*ap01

68 sequences assigned
41 (60.3%) exact matches, in which:
39 unique CDR3
9 unique J



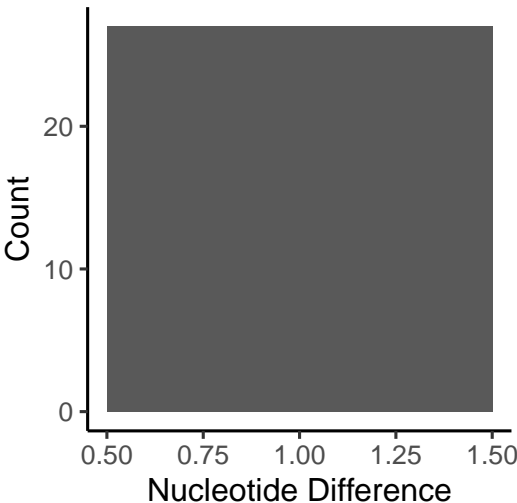
TRBV6-23*ap01

1354 sequences assigned
1332 (98.4%) exact matches, in which:
1296 unique CDR3
13 unique J



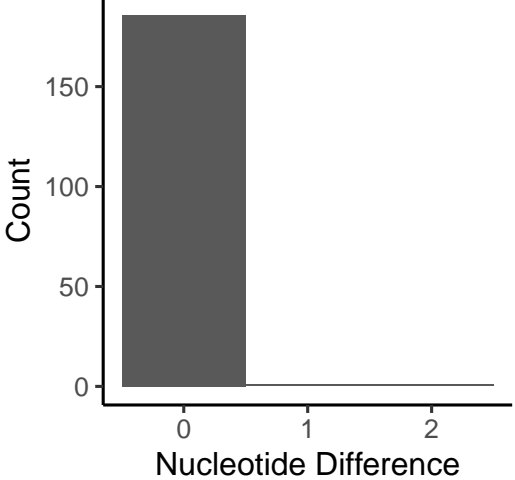
TRBV7-1*ap01_T296C

27 sequences assigned
No exact matches.



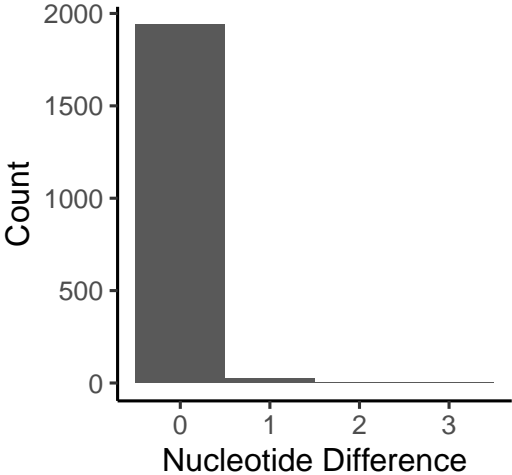
TRBV7-3*ap03

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



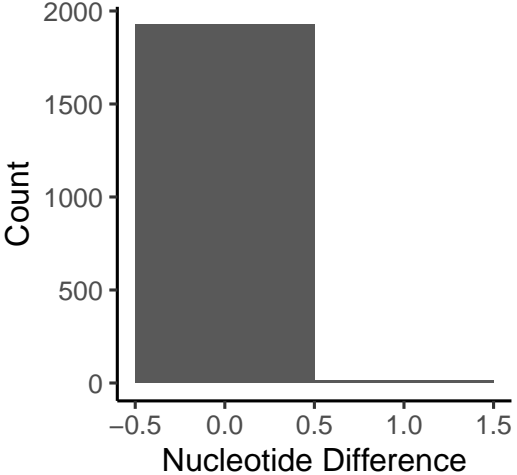
TRBV6-56*ap01

1969 sequences assigned
1939 (98.5%) exact matches, in which:
1887 unique CDR3
13 unique J



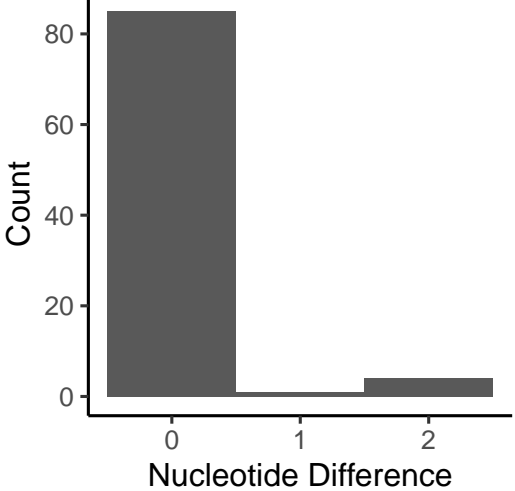
TRBV7-2*ap01

1942 sequences assigned
1926 (99.2%) exact matches, in which:
1896 unique CDR3
13 unique J



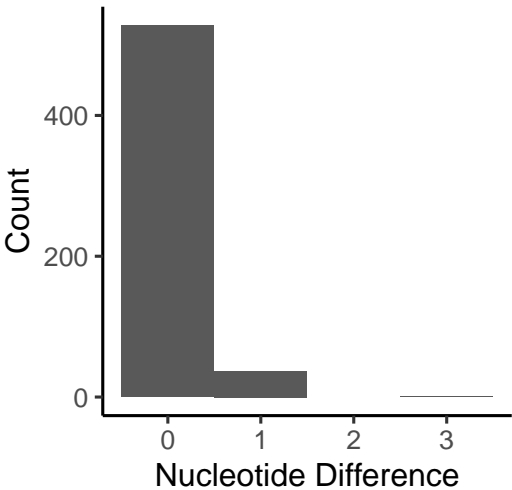
TRBV7-4*ap01

90 sequences assigned
85 (94.4%) exact matches, in which:
84 unique CDR3
13 unique J



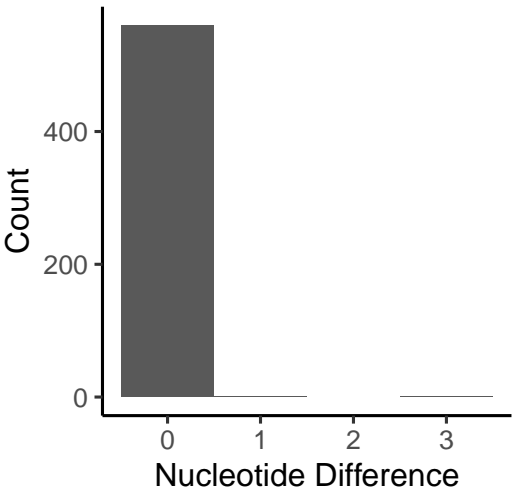
TRBV6-56*ap02

566 sequences assigned
528 (93.3%) exact matches, in which:
515 unique CDR3
13 unique J



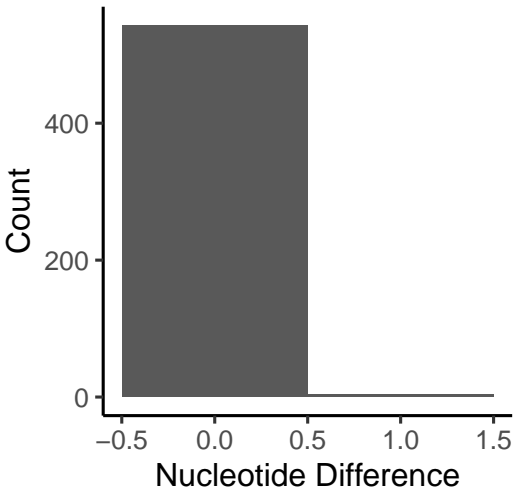
TRBV7-3*ap01

562 sequences assigned
560 (99.6%) exact matches, in which:
557 unique CDR3
13 unique J



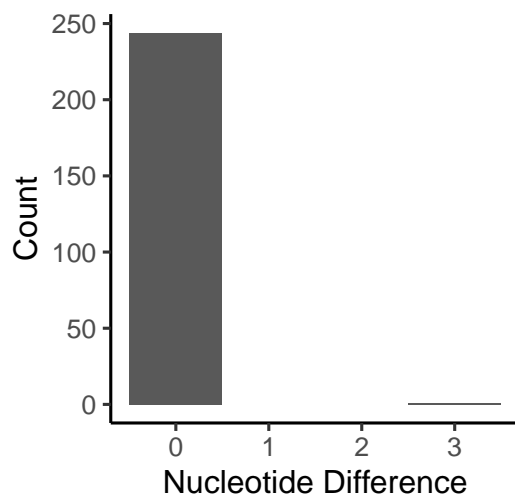
TRBV7-6*ap01

547 sequences assigned
543 (99.3%) exact matches, in which:
532 unique CDR3
13 unique J



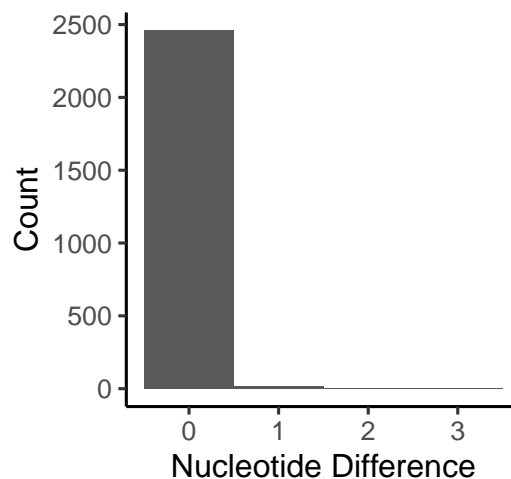
TRBV7-7*ap01_C315T

245 sequences assigned
244 (99.6%) exact matches, in which:
244 unique CDR3
13 unique J



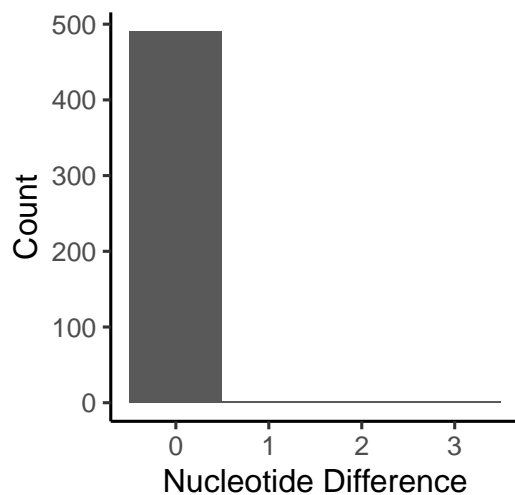
TRBV7-9*ap01

2477 sequences assigned
2460 (99.3%) exact matches, in which:
2420 unique CDR3
13 unique J



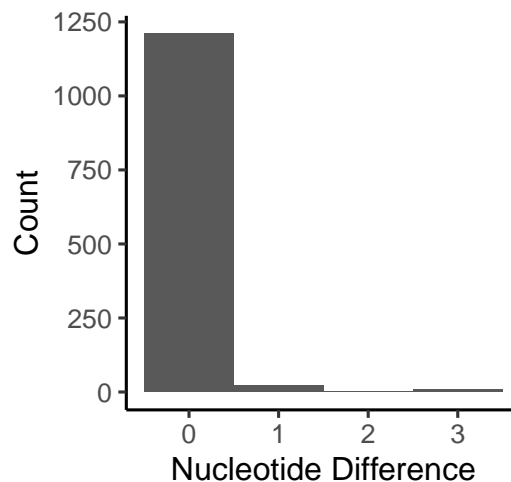
TRBV7-8*ap01

497 sequences assigned
491 (98.8%) exact matches, in which:
487 unique CDR3
13 unique J



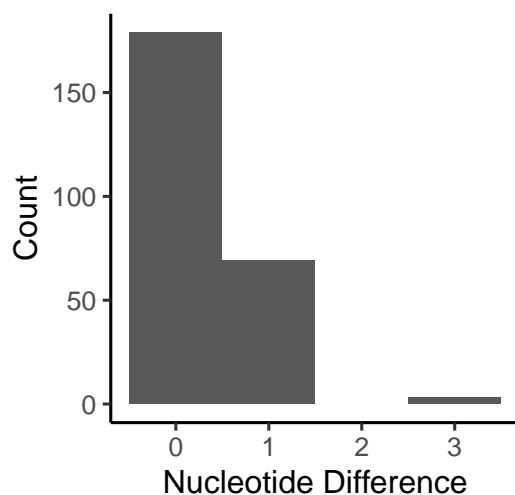
TRBV29-1*ap01

1239 sequences assigned
1210 (97.7%) exact matches, in which:
1186 unique CDR3
13 unique J



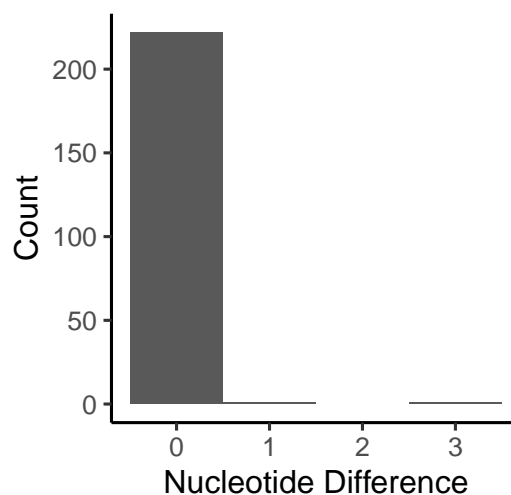
TRBV7-8*ap03

251 sequences assigned
179 (71.3%) exact matches, in which:
178 unique CDR3
13 unique J

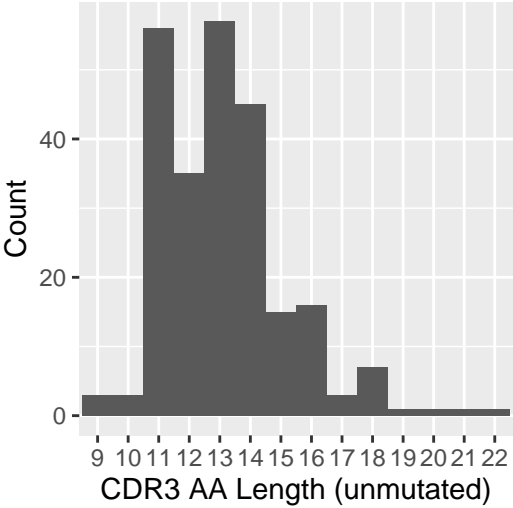


TRBV29-1*ap02

224 sequences assigned
222 (99.1%) exact matches, in which:
216 unique CDR3
13 unique J



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.