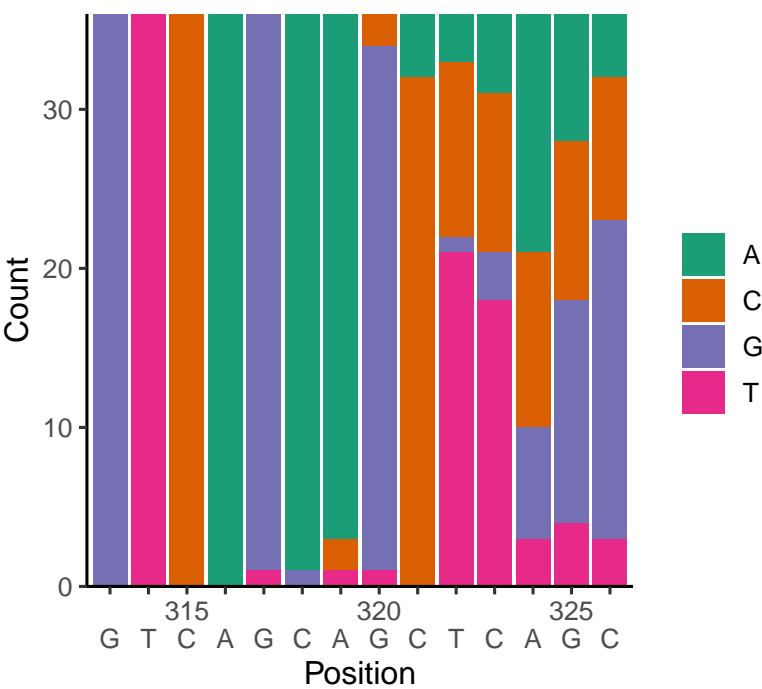
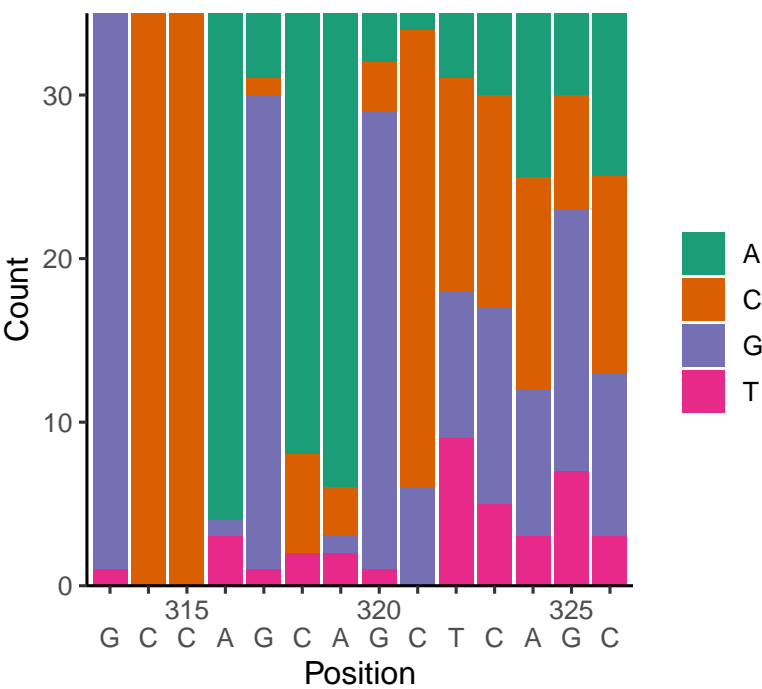


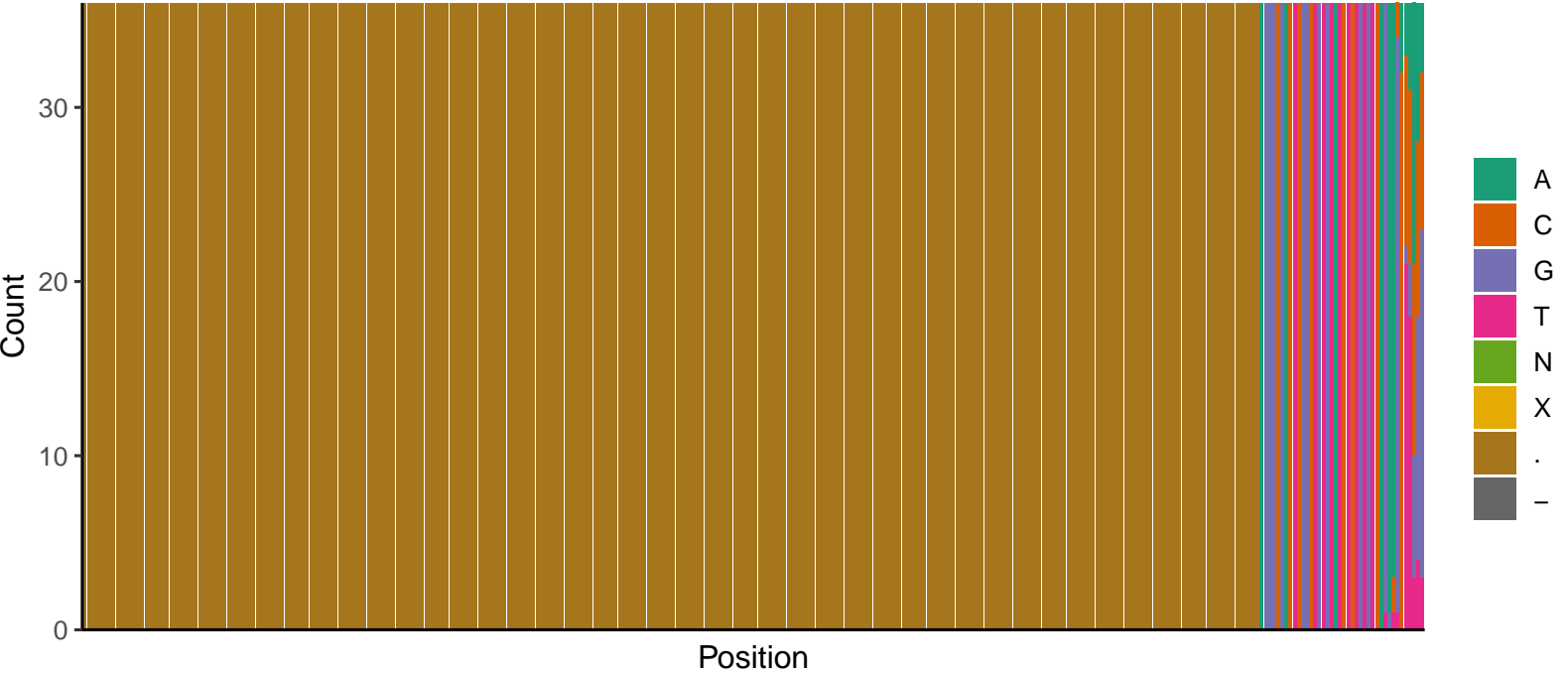
Gene TRBV7-1*ap01_T296C_C314T



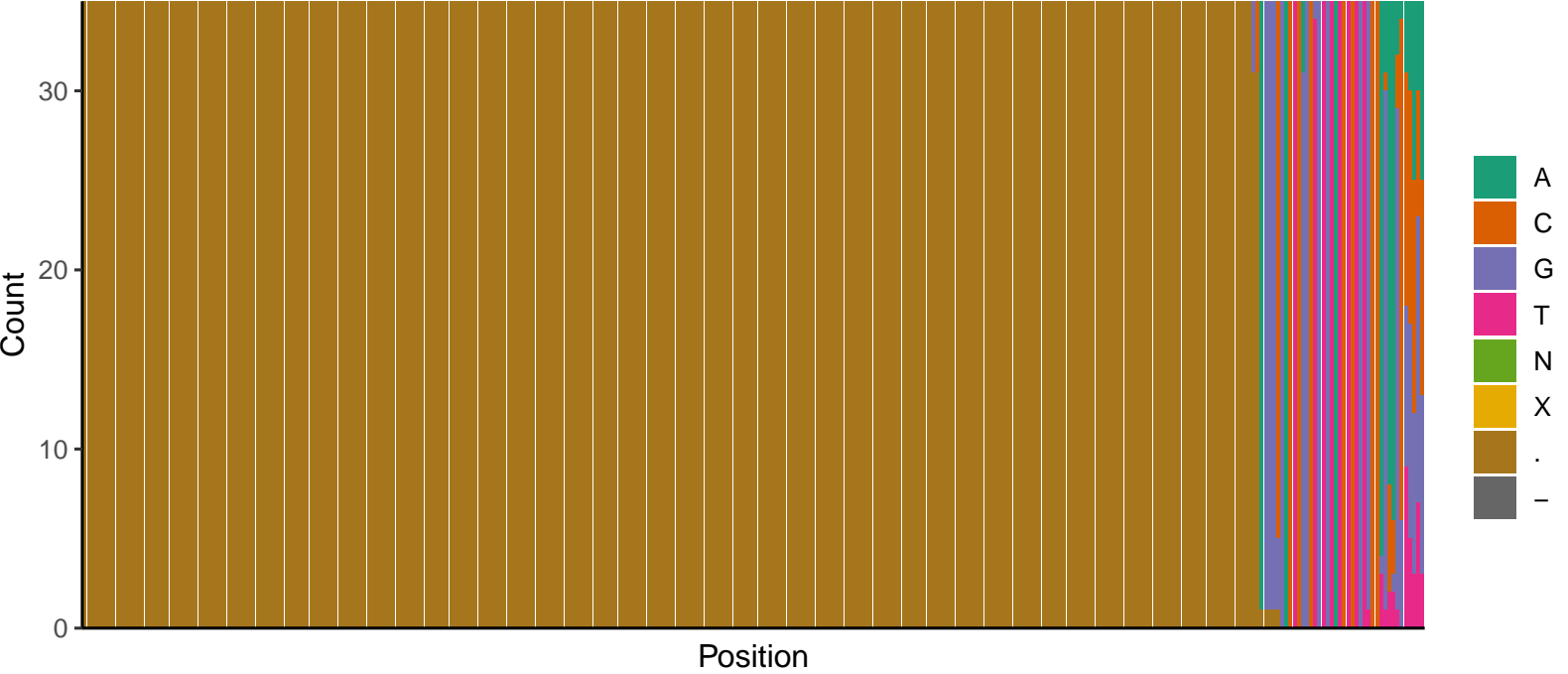
Gene TRBV7-1*ap01_T296C



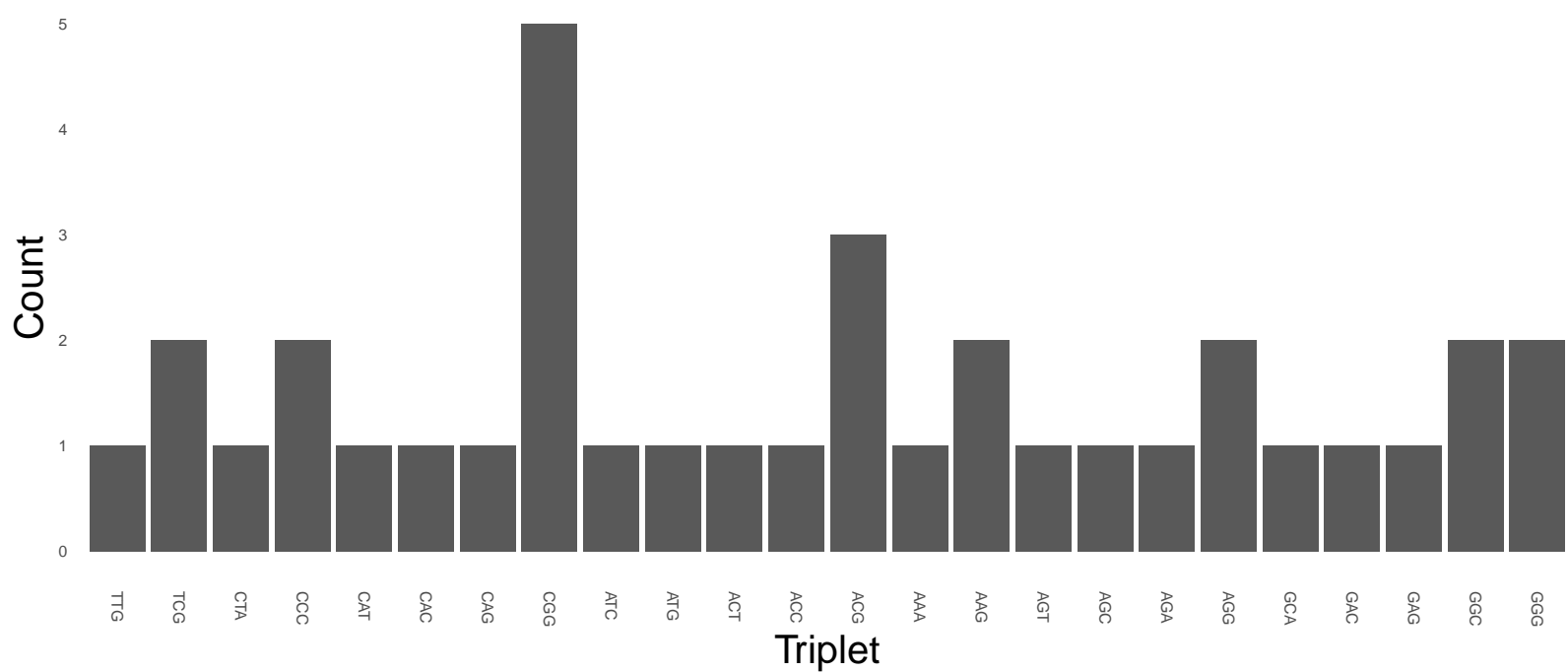
Gene TRBV7-1*ap01_T296C_C314T



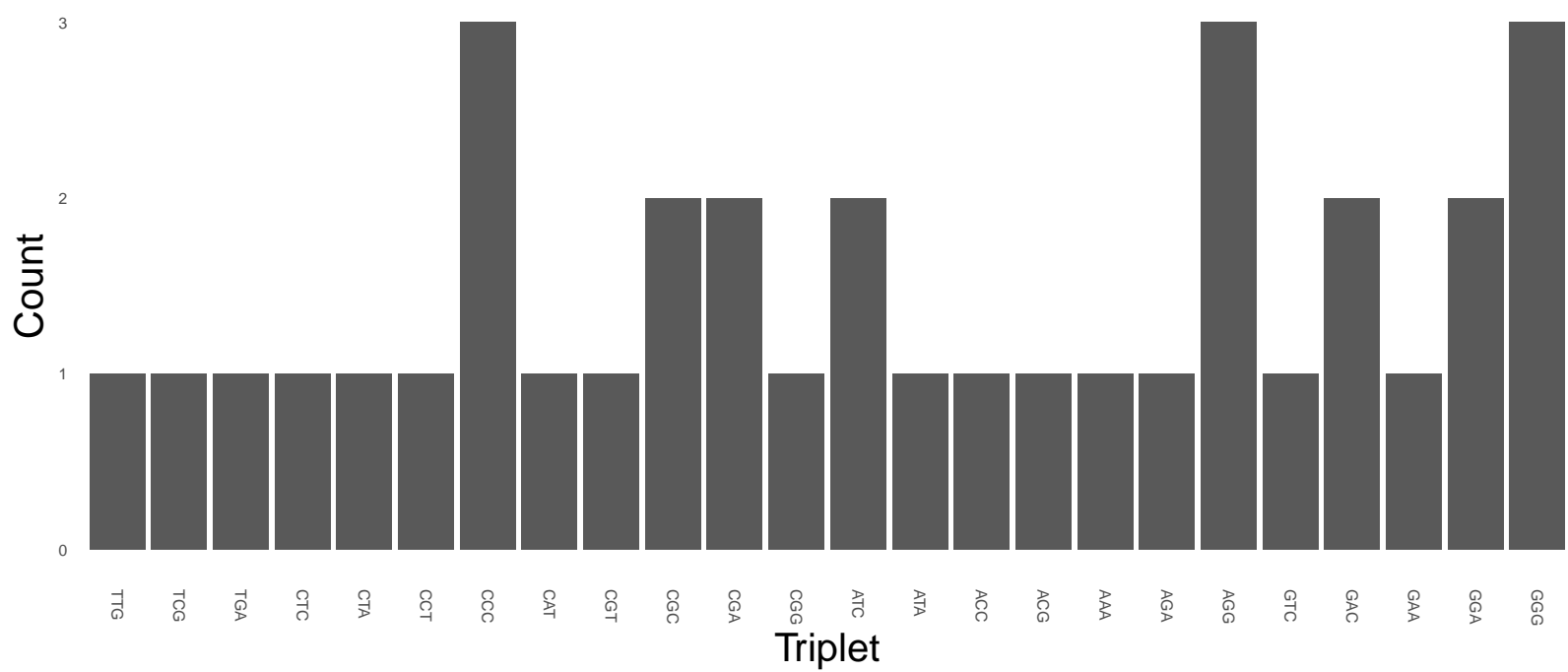
Gene TRBV7-1*ap01_T296C



TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet

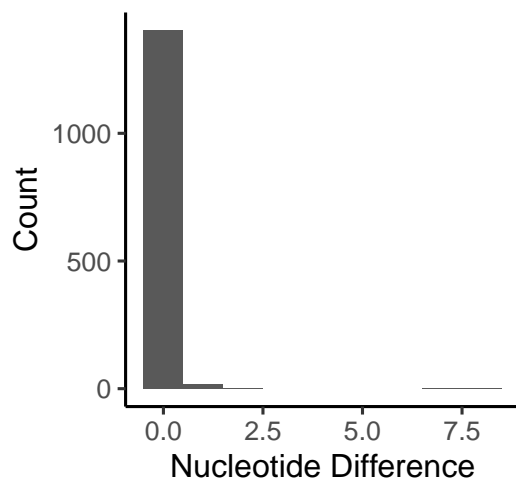


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



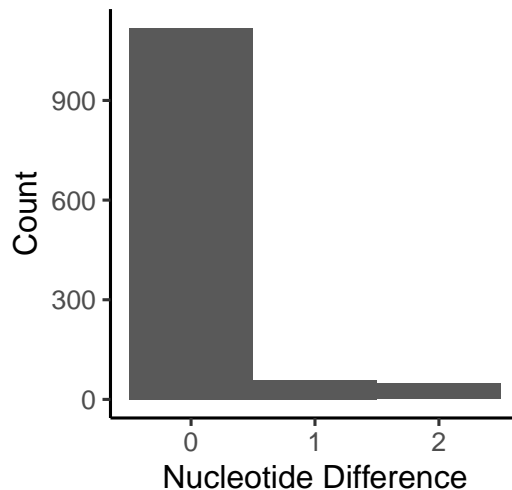
TRBV10-1*ap01

1426 sequences assigned
1403 (98.4%) exact matches, in which:
1394 unique CDR3
13 unique J



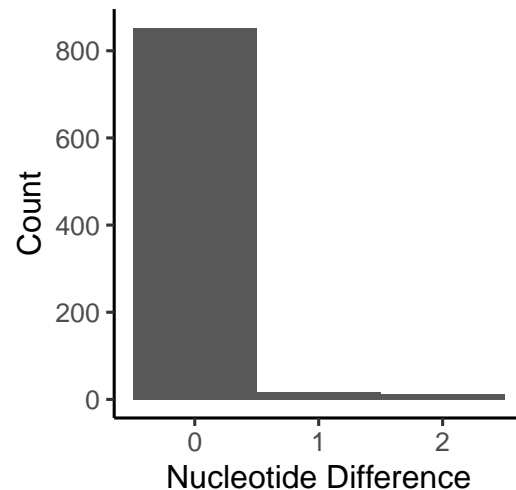
TRBV10-2*ap01

1226 sequences assigned
1119 (91.3%) exact matches, in which:
1102 unique CDR3
13 unique J



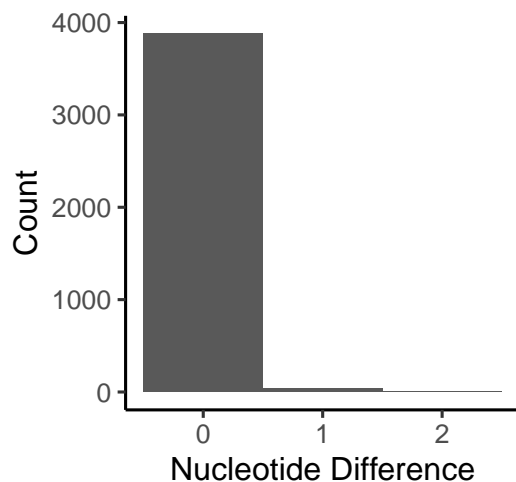
TRBV13*ap01

882 sequences assigned
853 (96.7%) exact matches, in which:
841 unique CDR3
13 unique J



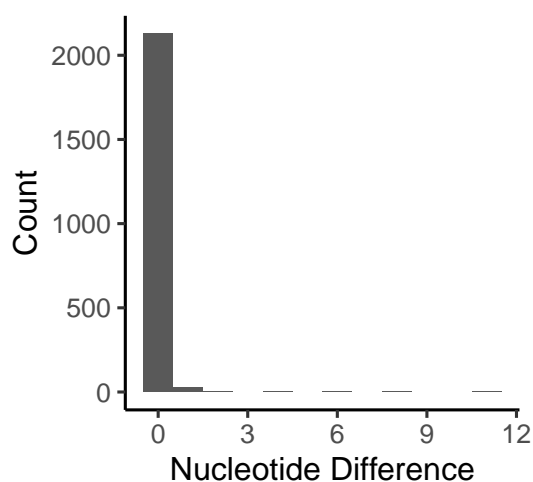
TRBV20-1*ap01

3921 sequences assigned
3879 (98.9%) exact matches, in which:
3849 unique CDR3
13 unique J



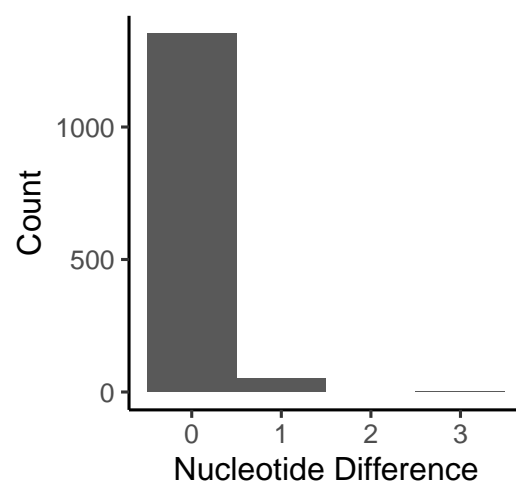
TRBV10-3*ap01

2160 sequences assigned
2128 (98.5%) exact matches, in which:
2106 unique CDR3
13 unique J



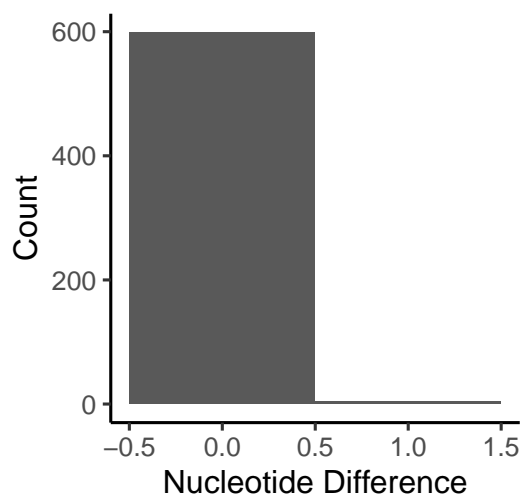
TRBV14*ap01

1405 sequences assigned
1352 (96.2%) exact matches, in which:
1335 unique CDR3
13 unique J



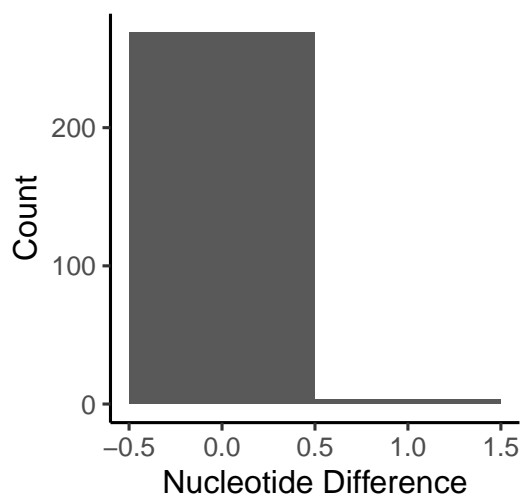
TRBV20-1*ap02

603 sequences assigned
599 (99.3%) exact matches, in which:
596 unique CDR3
13 unique J



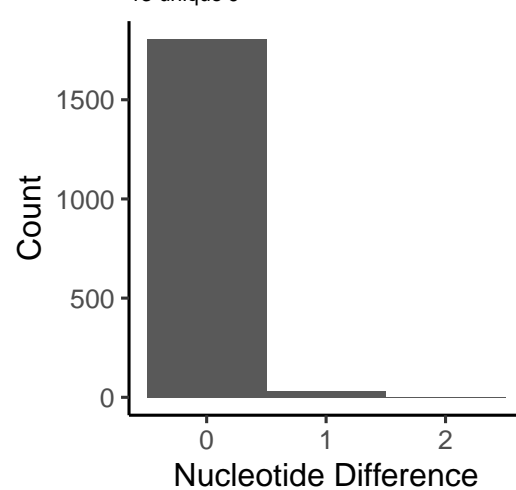
TRBV1*ap01

272 sequences assigned
269 (98.9%) exact matches, in which:
263 unique CDR3
13 unique J



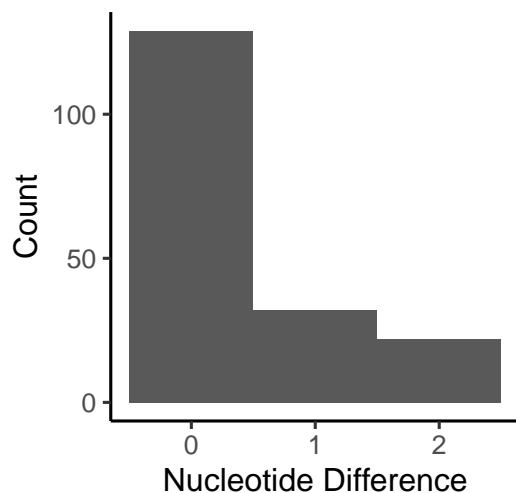
TRBV15*ap02

1839 sequences assigned
1806 (98.2%) exact matches, in which:
1791 unique CDR3
13 unique J



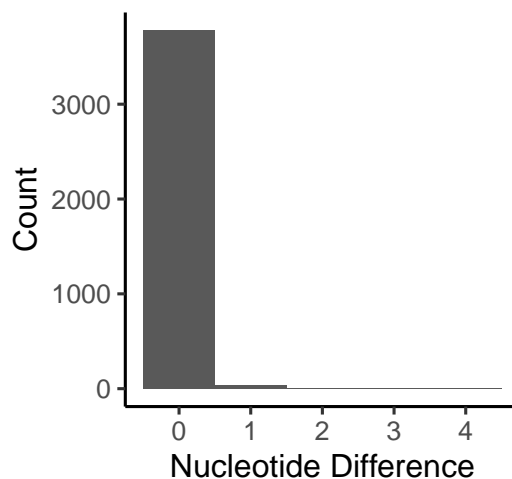
TRBV16*ap01

183 sequences assigned
129 (70.5%) exact matches, in which:
126 unique CDR3
13 unique J



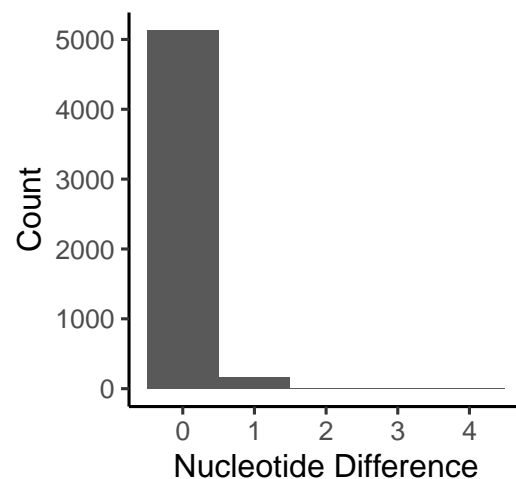
TRBV2*ap01

3821 sequences assigned
3778 (98.9%) exact matches, in which:
3740 unique CDR3
13 unique J



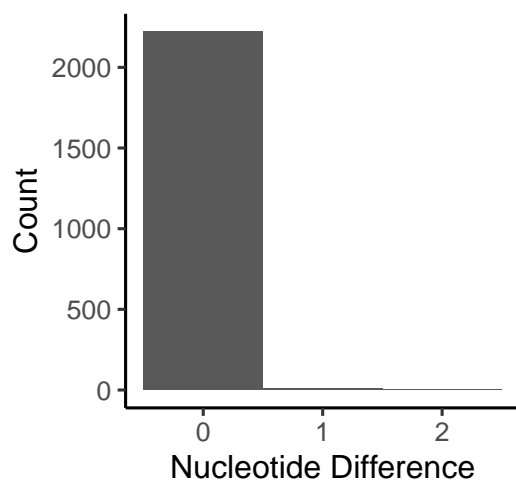
TRBV30*ap01

5312 sequences assigned
5129 (96.6%) exact matches, in which:
4979 unique CDR3
13 unique J



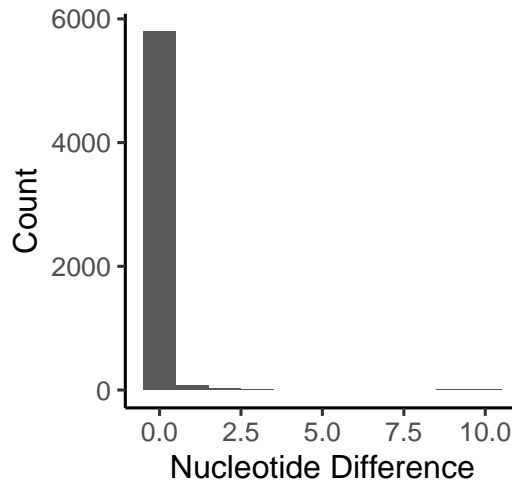
TRBV18*ap01

2234 sequences assigned
2221 (99.4%) exact matches, in which:
2208 unique CDR3
13 unique J



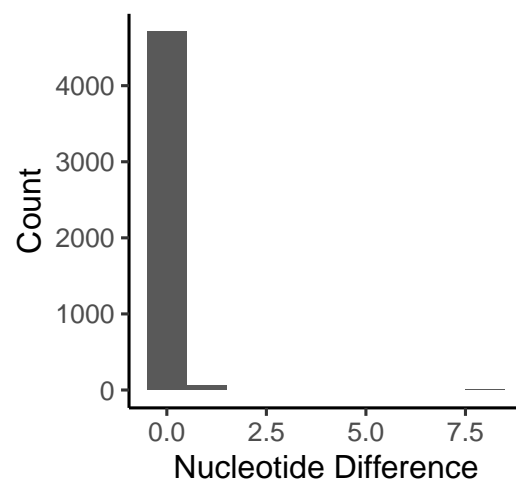
TRBV27*ap01

5895 sequences assigned
5792 (98.3%) exact matches, in which:
5744 unique CDR3
13 unique J



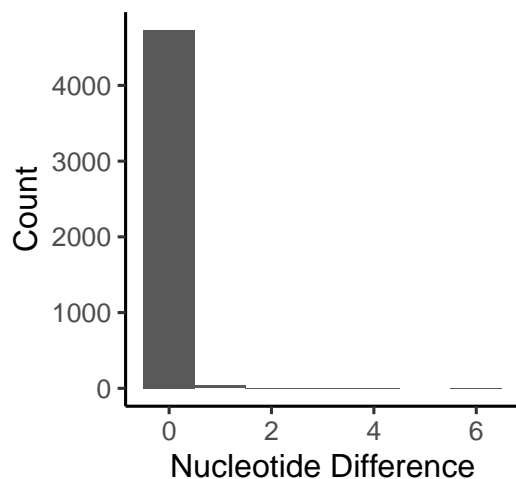
TRBV9*ap01

4767 sequences assigned
4709 (98.8%) exact matches, in which:
4685 unique CDR3
13 unique J



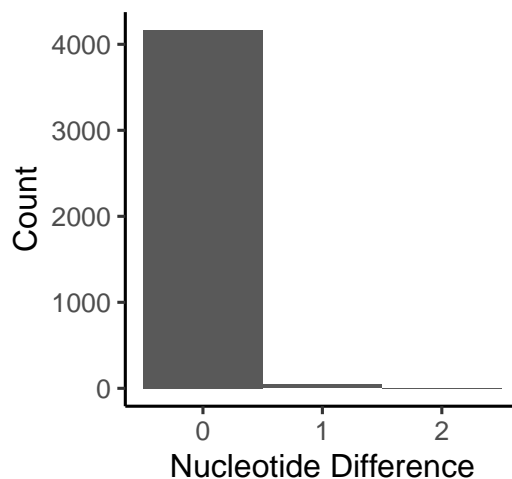
TRBV19*ap01

4774 sequences assigned
4731 (99.1%) exact matches, in which:
4710 unique CDR3
13 unique J



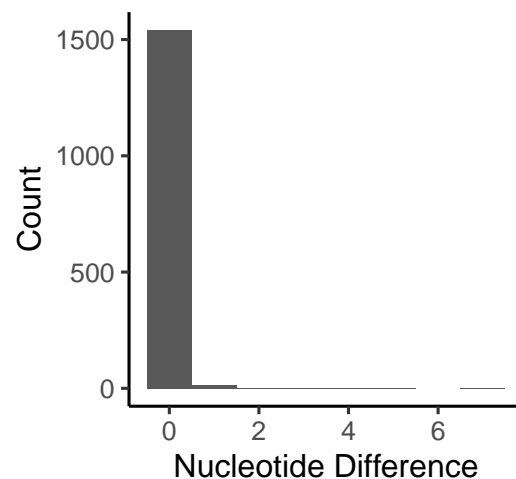
TRBV28*ap01

4214 sequences assigned
4166 (98.9%) exact matches, in which:
4144 unique CDR3
13 unique J



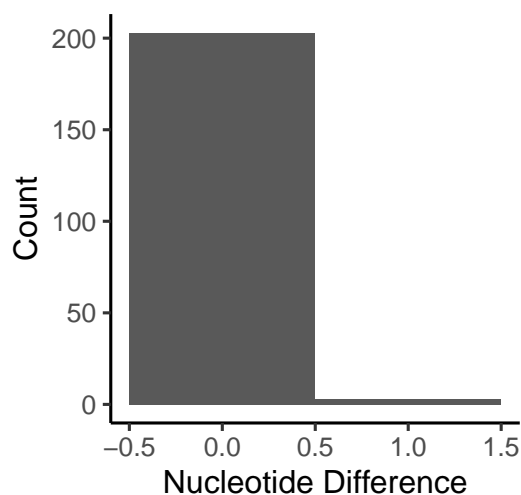
TRBV21-1*ap01

1560 sequences assigned
1541 (98.8%) exact matches, in which:
1536 unique CDR3
13 unique J



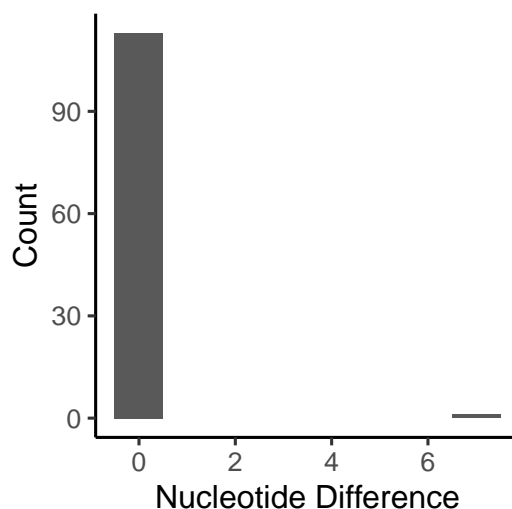
TRBV11-1*ap01

206 sequences assigned
203 (98.5%) exact matches, in which:
201 unique CDR3
13 unique J



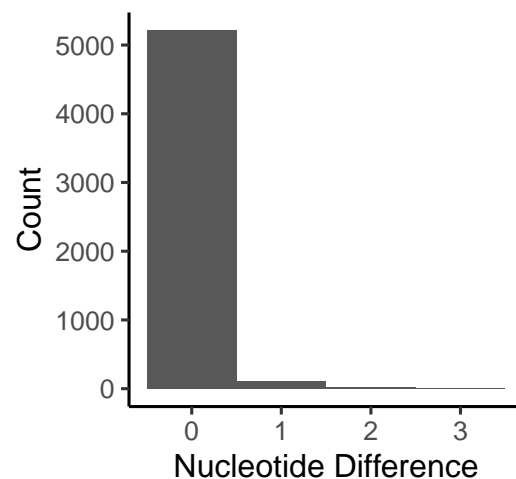
TRBV12-1*ap01

114 sequences assigned
113 (99.1%) exact matches, in which:
111 unique CDR3
12 unique J



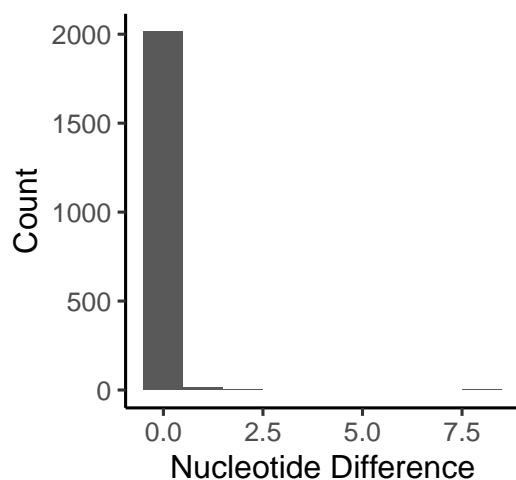
TRBV12-34*ap01

5340 sequences assigned
5213 (97.6%) exact matches, in which:
5147 unique CDR3
13 unique J



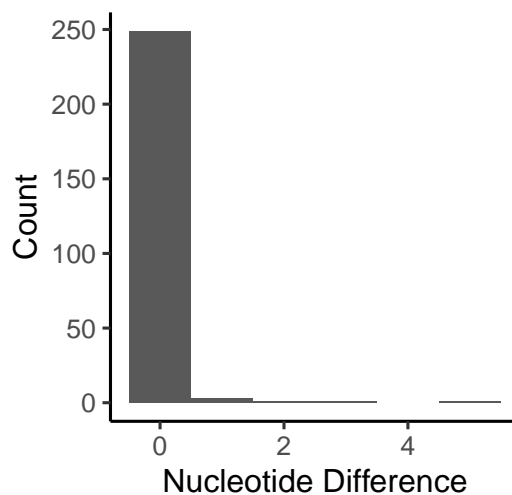
TRBV11-2*ap01

2030 sequences assigned
2014 (99.2%) exact matches, in which:
2004 unique CDR3
13 unique J



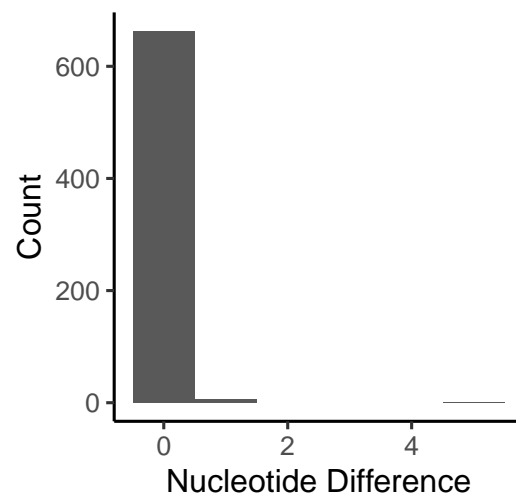
TRBV12-2*ap01

255 sequences assigned
249 (97.6%) exact matches, in which:
248 unique CDR3
13 unique J



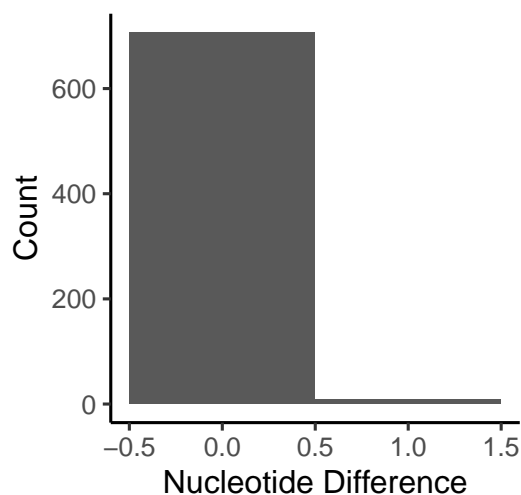
TRBV23-1*ap01

670 sequences assigned
663 (99%) exact matches, in which:
660 unique CDR3
13 unique J



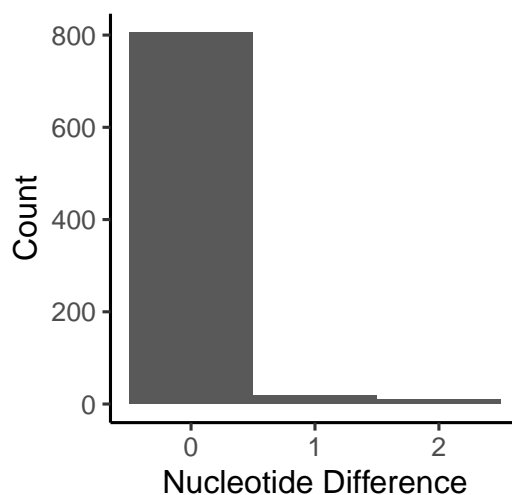
TRBV11-3*ap01

715 sequences assigned
707 (98.9%) exact matches, in which:
707 unique CDR3
13 unique J



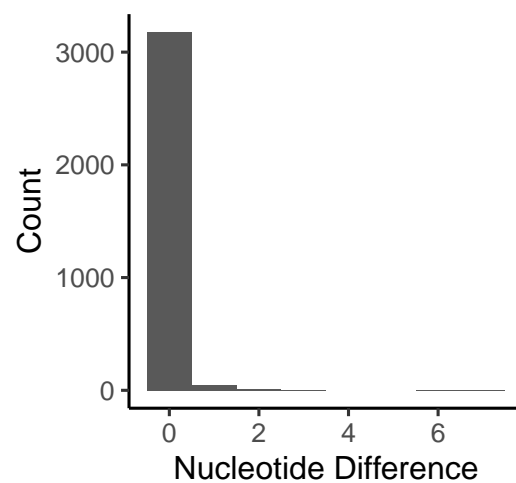
TRBV12-5*ap01

834 sequences assigned
806 (96.6%) exact matches, in which:
796 unique CDR3
13 unique J



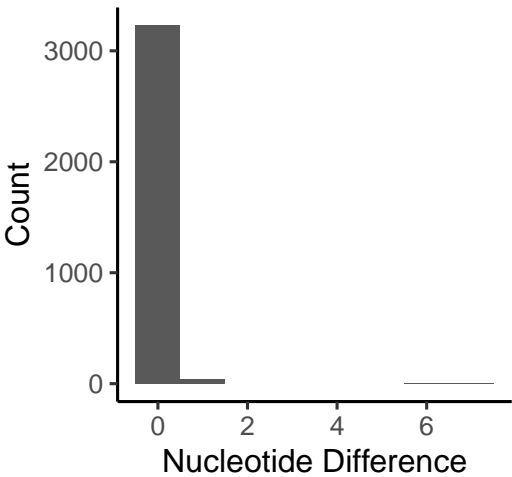
TRBV3-12*ap01

3240 sequences assigned
3178 (98.1%) exact matches, in which:
3162 unique CDR3
13 unique J



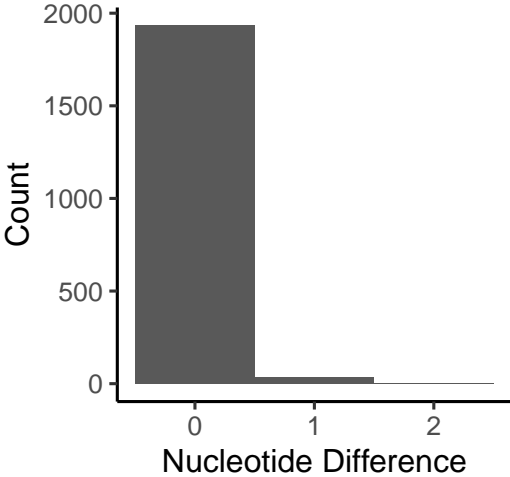
TRBV24-1*ap01

3272 sequences assigned
3229 (98.7%) exact matches, in which:
3183 unique CDR3
13 unique J



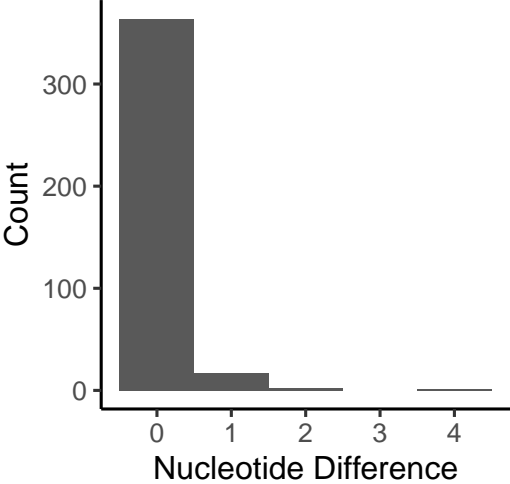
TRBV4-3*ap01

1970 sequences assigned
1934 (98.2%) exact matches, in which:
1911 unique CDR3
13 unique J



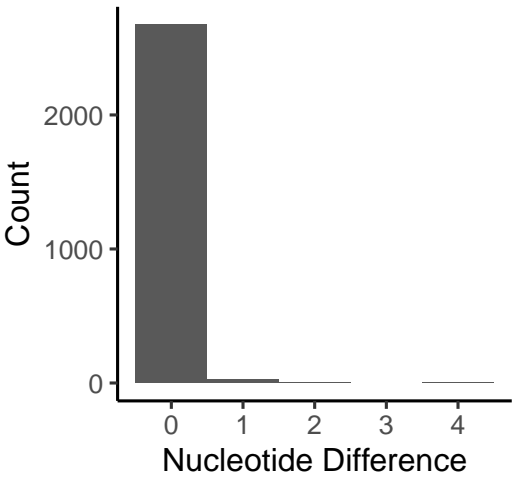
TRBV5-3*ap01

384 sequences assigned
364 (94.8%) exact matches, in which:
364 unique CDR3
13 unique J



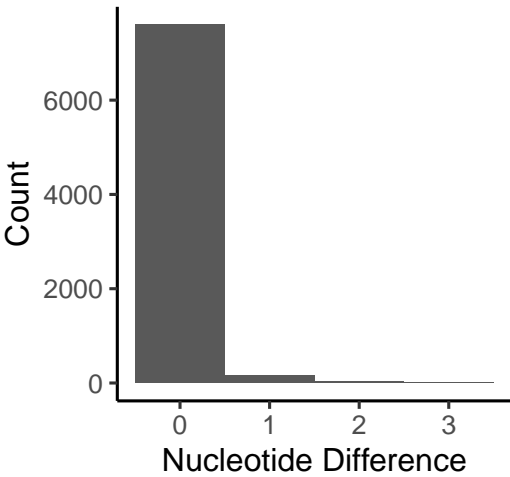
TRBV4-1*ap01

2706 sequences assigned
2673 (98.8%) exact matches, in which:
2641 unique CDR3
13 unique J



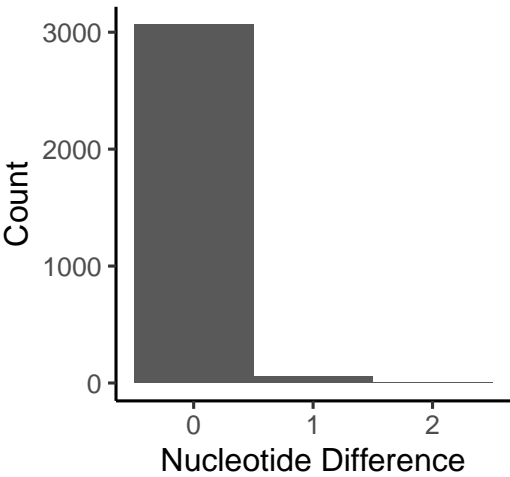
TRBV5-1*ap01

7792 sequences assigned
7600 (97.5%) exact matches, in which:
7509 unique CDR3
13 unique J



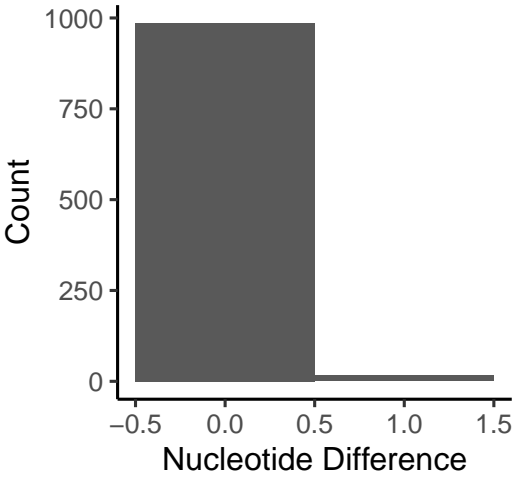
TRBV5-4*ap01

3130 sequences assigned
3064 (97.9%) exact matches, in which:
3026 unique CDR3
13 unique J



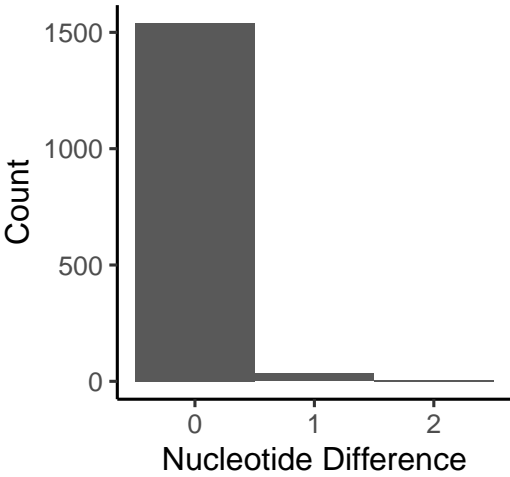
TRBV4-2*ap01

1002 sequences assigned
986 (98.4%) exact matches, in which:
977 unique CDR3
13 unique J



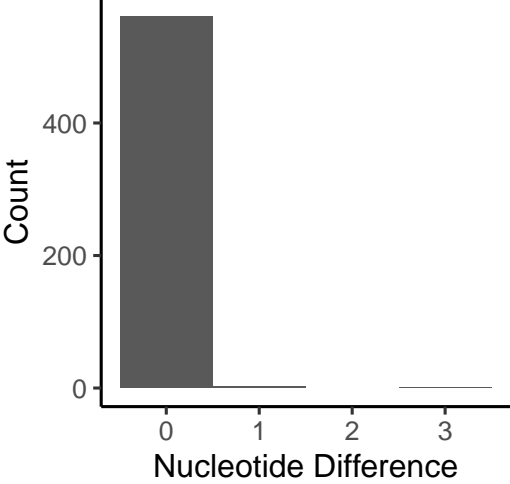
TRBV25-1*ap01

1580 sequences assigned
1540 (97.5%) exact matches, in which:
1502 unique CDR3
13 unique J



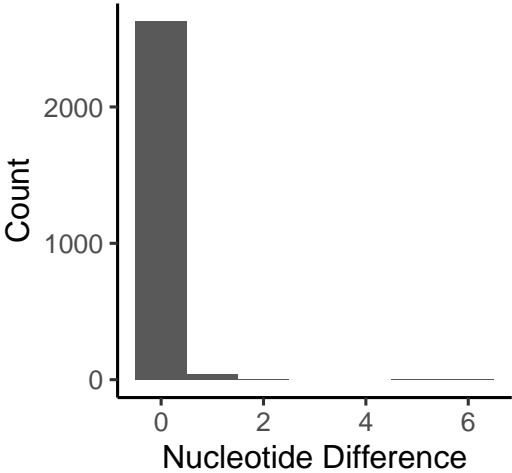
TRBV5-5*ap01

564 sequences assigned
561 (99.5%) exact matches, in which:
559 unique CDR3
13 unique J



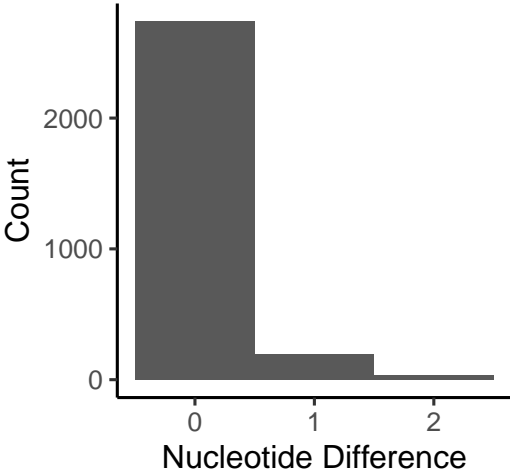
TRBV5-6*ap01

2675 sequences assigned
2627 (98.2%) exact matches, in which:
2583 unique CDR3
13 unique J



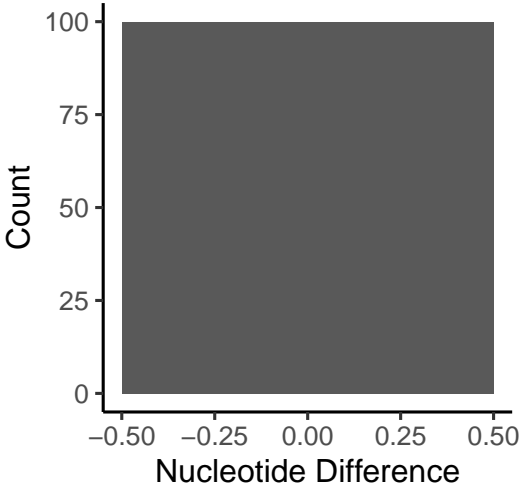
TRBV6-1*ap01

2966 sequences assigned
2739 (92.3%) exact matches, in which:
2698 unique CDR3
13 unique J



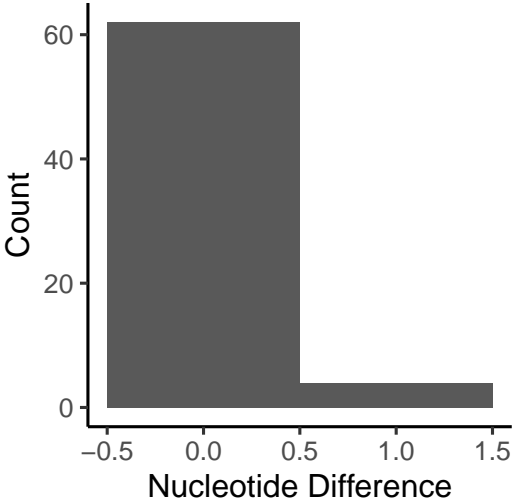
TRBV6-8*ap01

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



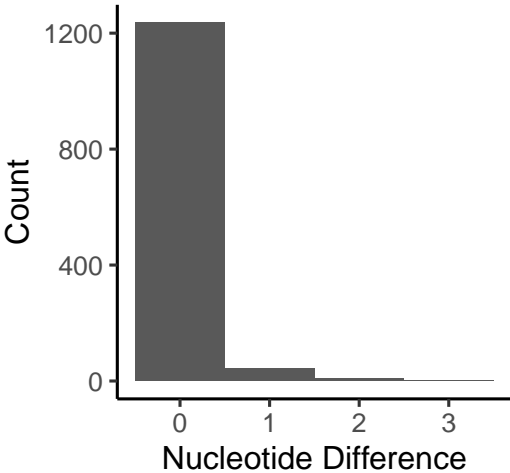
TRBV5-7*ap01

66 sequences assigned
62 (93.9%) exact matches, in which:
60 unique CDR3
12 unique J



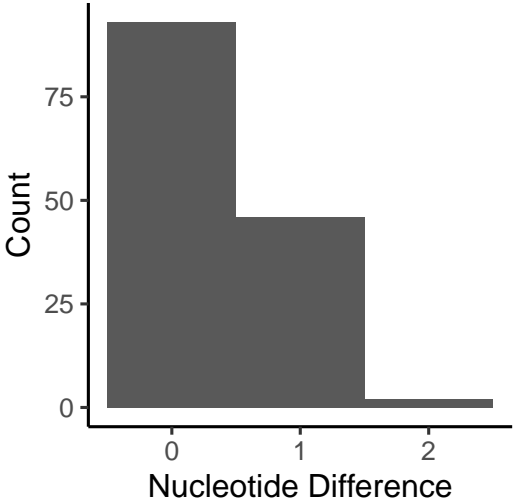
TRBV6-4*ap01

1290 sequences assigned
1236 (95.8%) exact matches, in which:
1224 unique CDR3
13 unique J



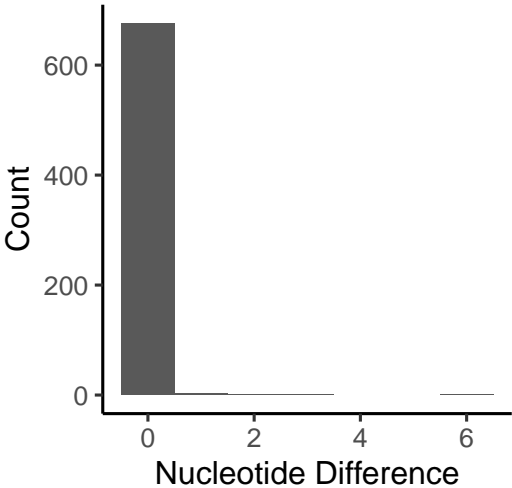
TRBV6-9*ap01

141 sequences assigned
93 (66%) exact matches, in which:
93 unique CDR3
13 unique J



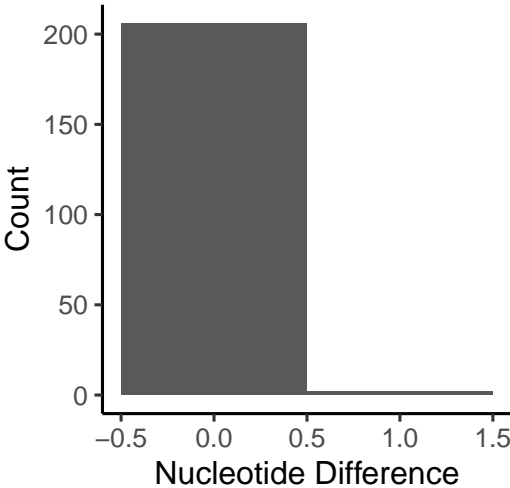
TRBV5-8*ap01

681 sequences assigned
676 (99.3%) exact matches, in which:
669 unique CDR3
13 unique J



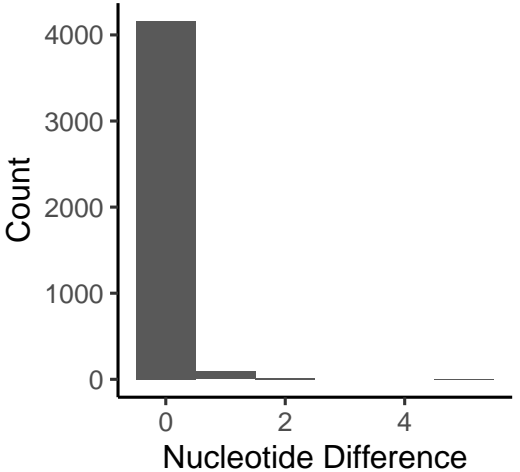
TRBV6-7*ap01

208 sequences assigned
206 (99%) exact matches, in which:
205 unique CDR3
13 unique J



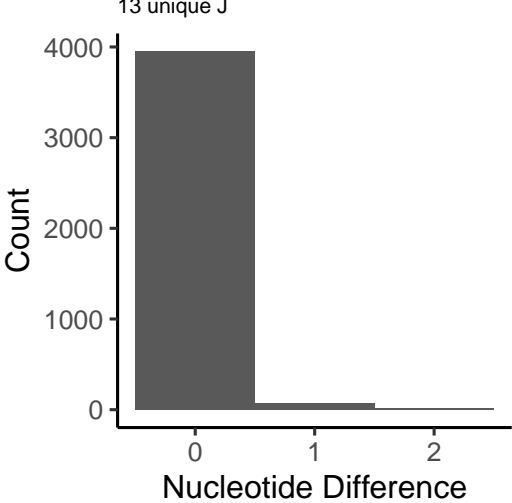
TRBV6-23*ap01

4267 sequences assigned
4161 (97.5%) exact matches, in which:
4092 unique CDR3
13 unique J



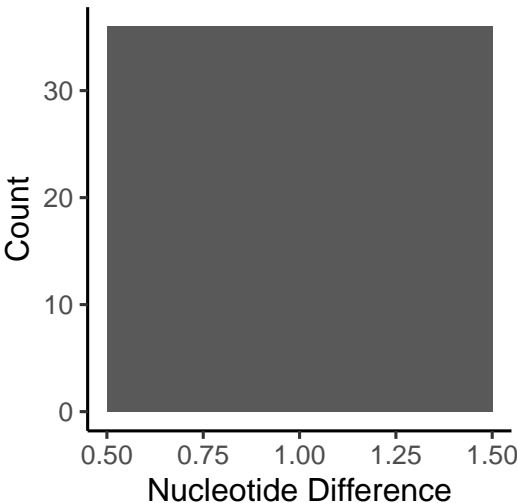
TRBV6-56*ap01

4031 sequences assigned
3951 (98%) exact matches, in which:
3896 unique CDR3
13 unique J



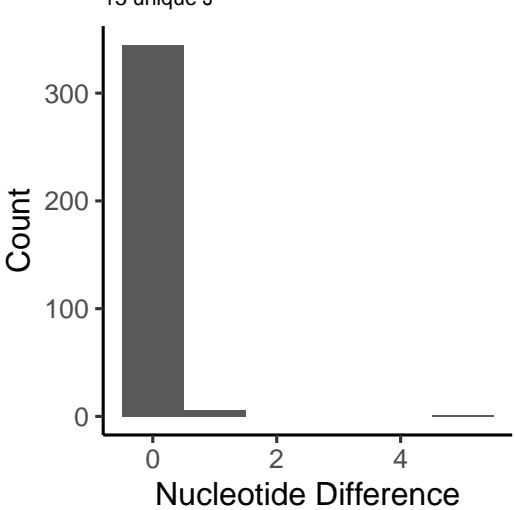
TRBV7-1*ap01_T296C_C

36 sequences assigned
No exact matches.



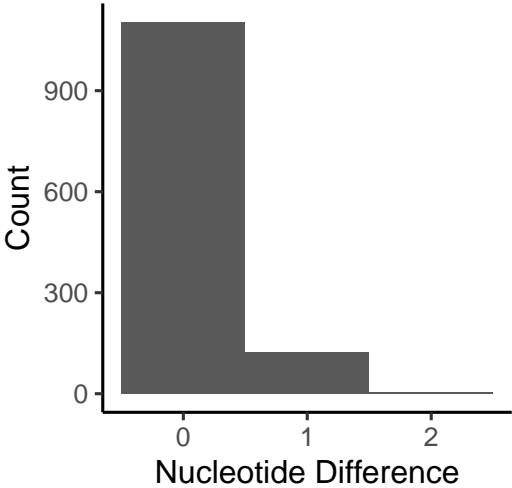
TRBV7-3*ap02

352 sequences assigned
345 (98%) exact matches, in which:
344 unique CDR3
13 unique J



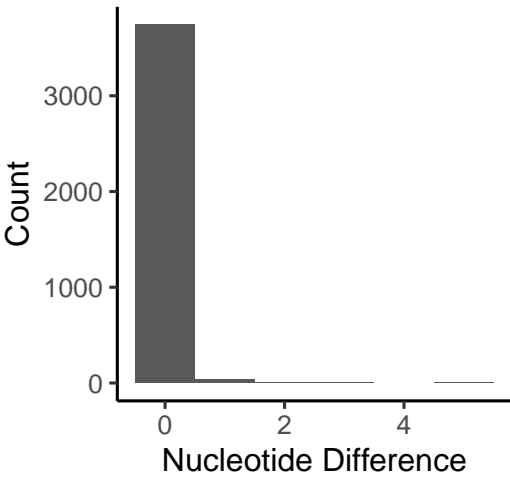
TRBV6-56*ap02

1231 sequences assigned
1104 (89.7%) exact matches, in which:
1089 unique CDR3
13 unique J



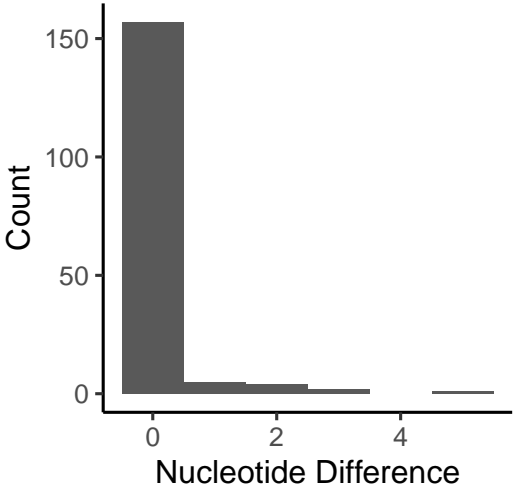
TRBV7-2*ap01

3789 sequences assigned
3742 (98.8%) exact matches, in which:
3716 unique CDR3
13 unique J



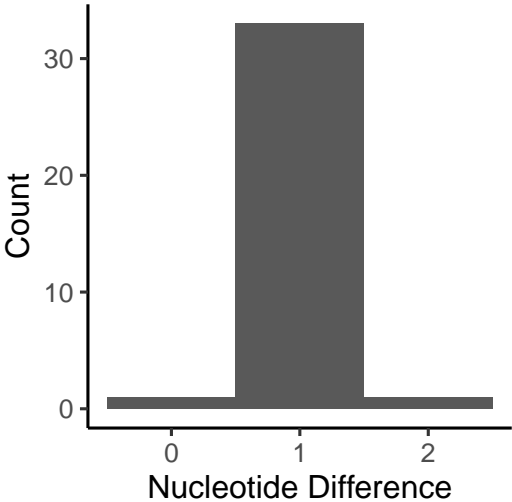
TRBV7-4*ap01

169 sequences assigned
157 (92.9%) exact matches, in which:
157 unique CDR3
13 unique J



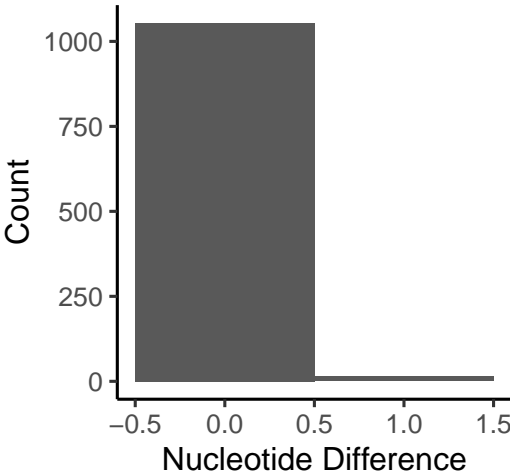
TRBV7-1*ap01_T296C

35 sequences assigned
1 (2.9%) exact matches, in which:
1 unique CDR3
1 unique J



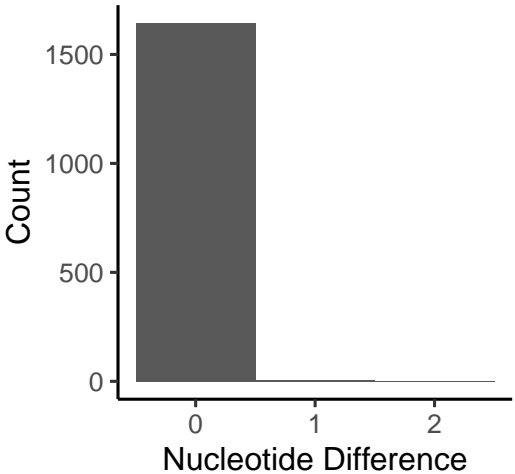
TRBV7-3*ap01

1068 sequences assigned
1054 (98.7%) exact matches, in which:
1047 unique CDR3
13 unique J



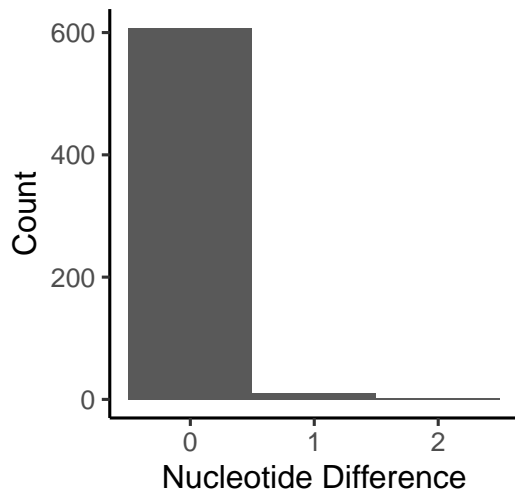
TRBV7-6*ap01

1650 sequences assigned
1644 (99.6%) exact matches, in which:
1632 unique CDR3
13 unique J



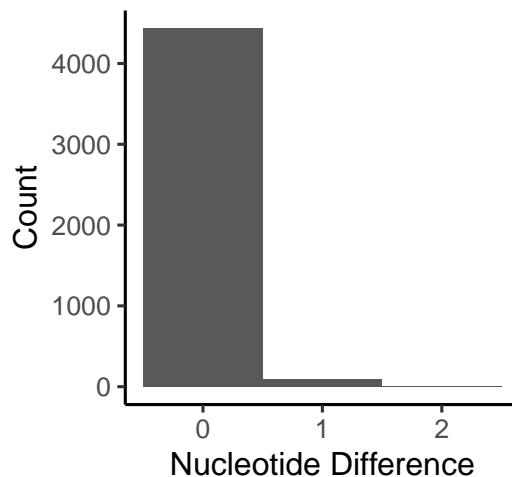
TRBV7-7*ap01

620 sequences assigned
608 (98.1%) exact matches, in which:
605 unique CDR3
13 unique J



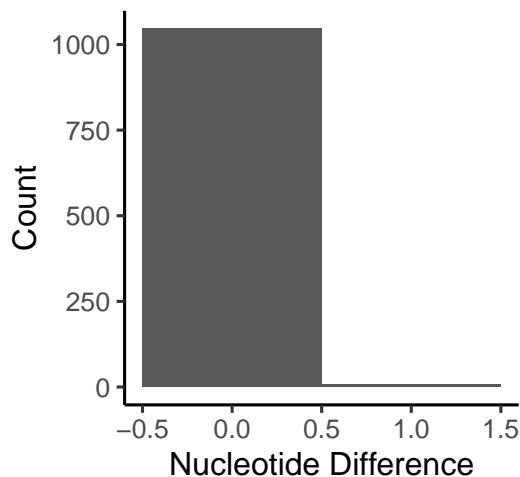
TRBV7-9*ap01

4536 sequences assigned
4434 (97.8%) exact matches, in which:
4396 unique CDR3
13 unique J



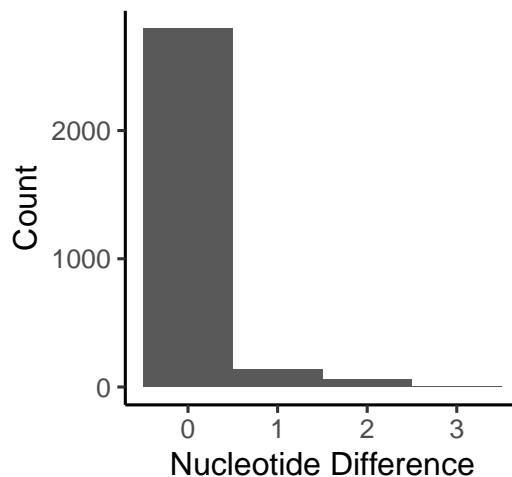
TRBV7-8*ap01

1054 sequences assigned
1046 (99.2%) exact matches, in which:
1040 unique CDR3
13 unique J



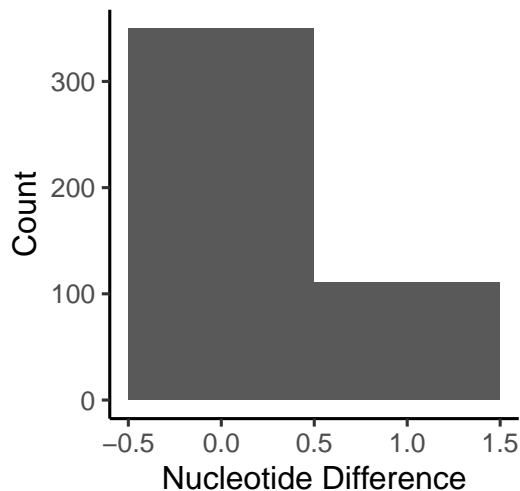
TRBV29-1*ap01

2994 sequences assigned
2794 (93.3%) exact matches, in which:
2748 unique CDR3
13 unique J



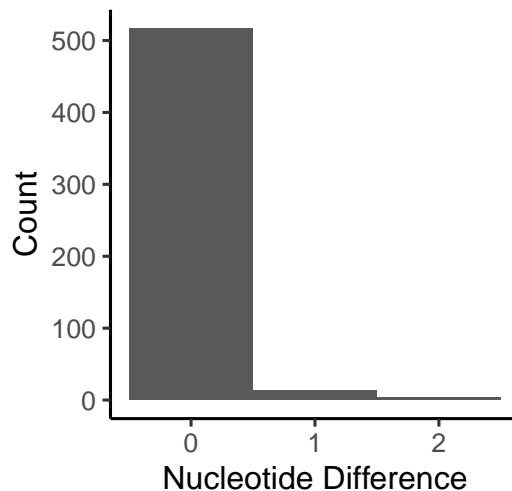
TRBV7-8*ap03

461 sequences assigned
350 (75.9%) exact matches, in which:
345 unique CDR3
13 unique J



TRBV29-1*ap02

533 sequences assigned
517 (97%) exact matches, in which:
508 unique CDR3
13 unique J



TRBV7-1*ap01_T296C

