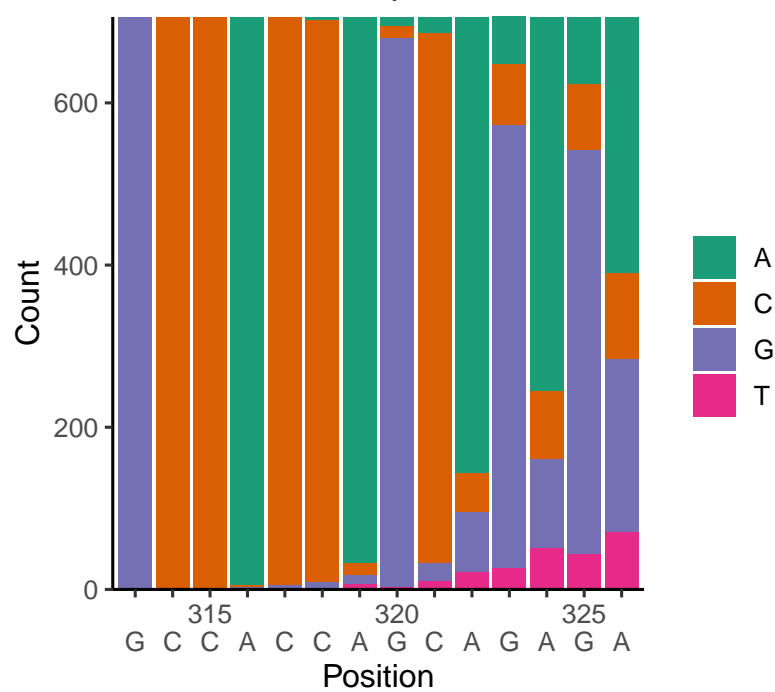
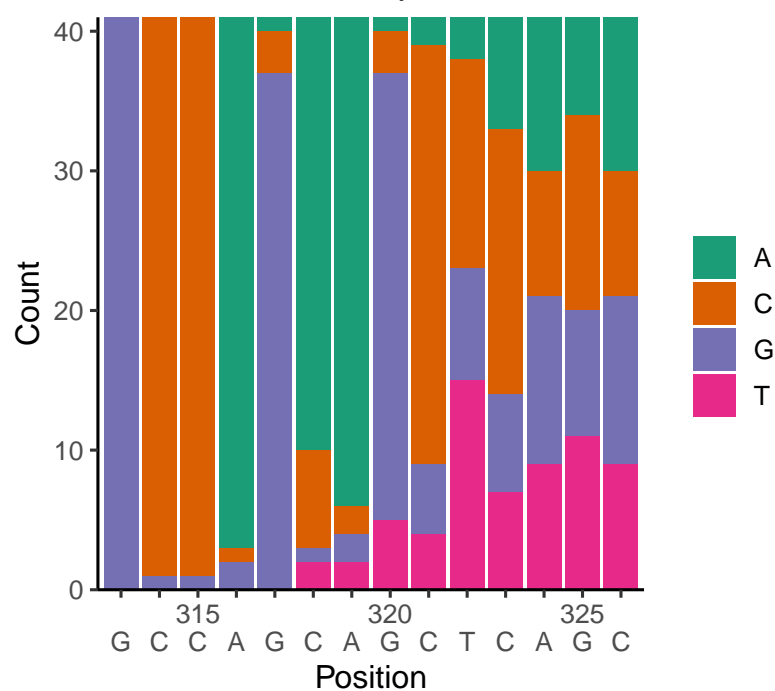


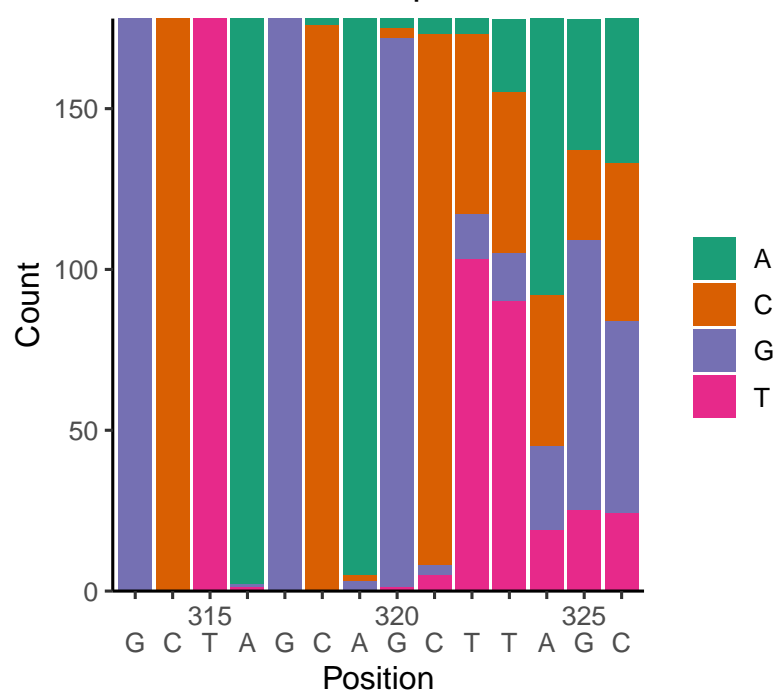
Gene TRBV15*ap02_G290C



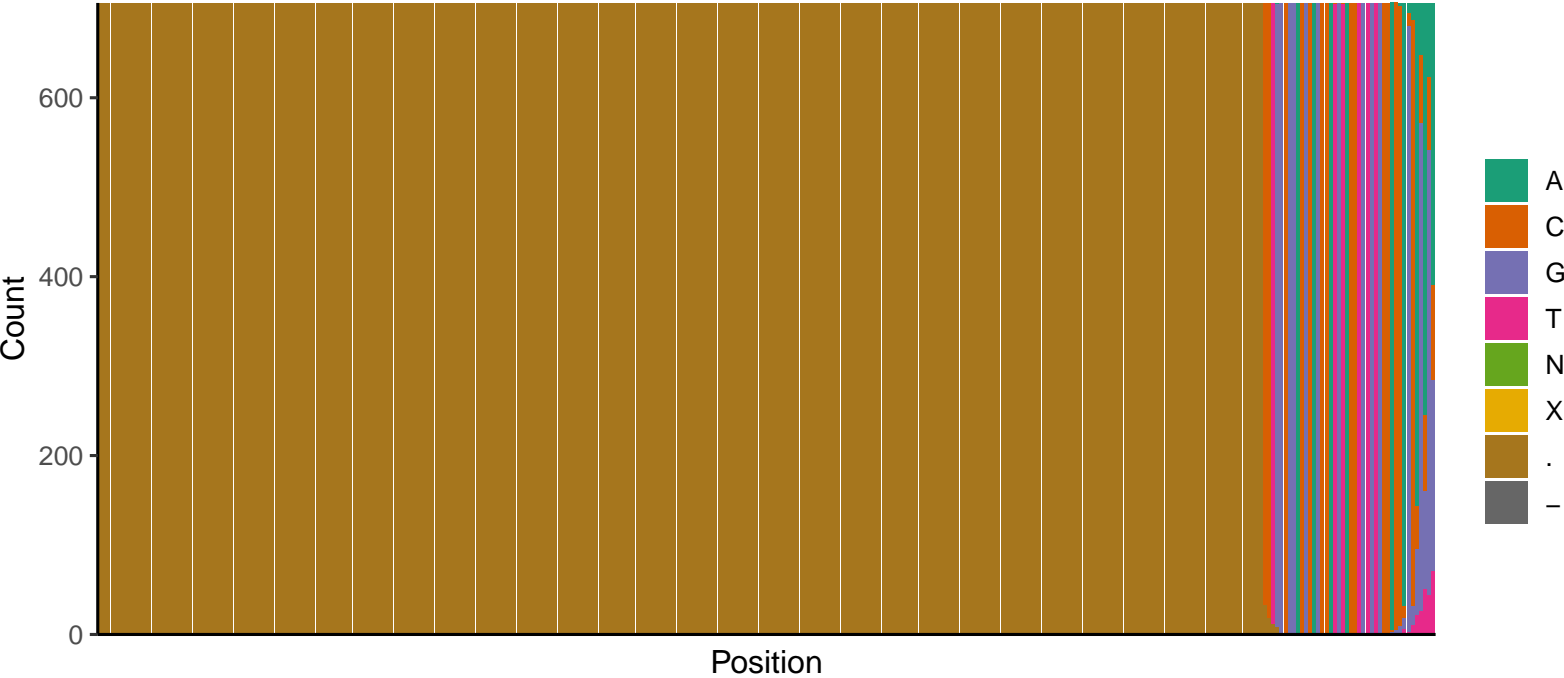
Gene TRBV7-1*ap01_T296C



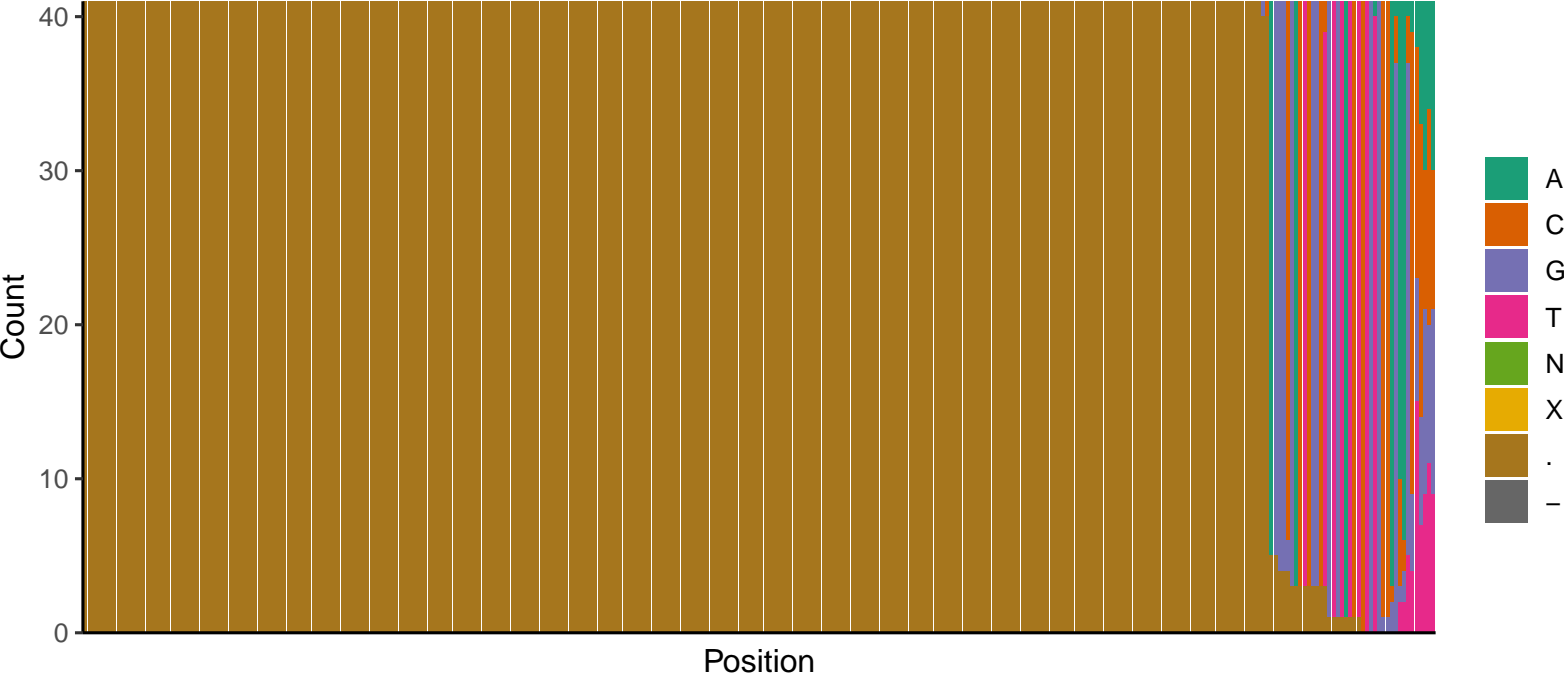
Gene TRBV7-7*ap01_C315T



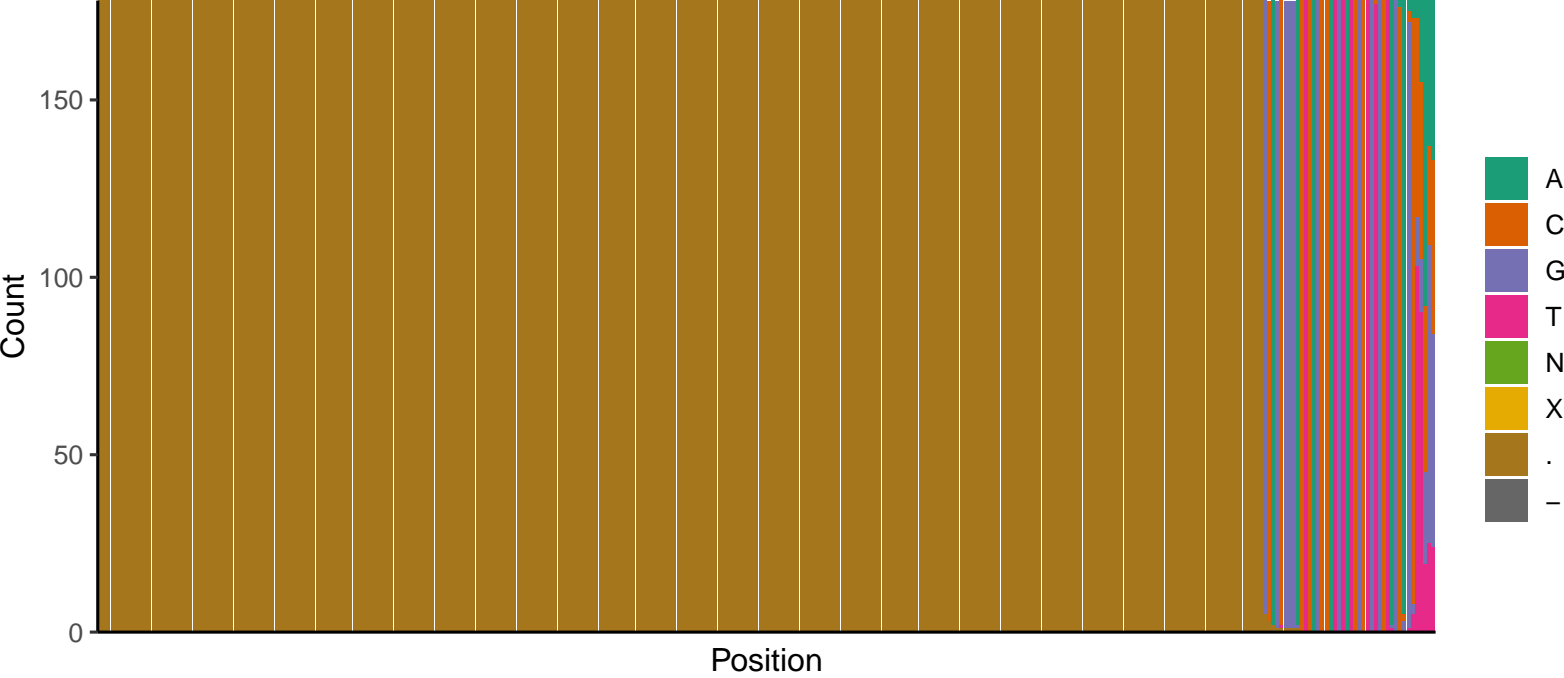
Gene TRBV15*ap02_G290C



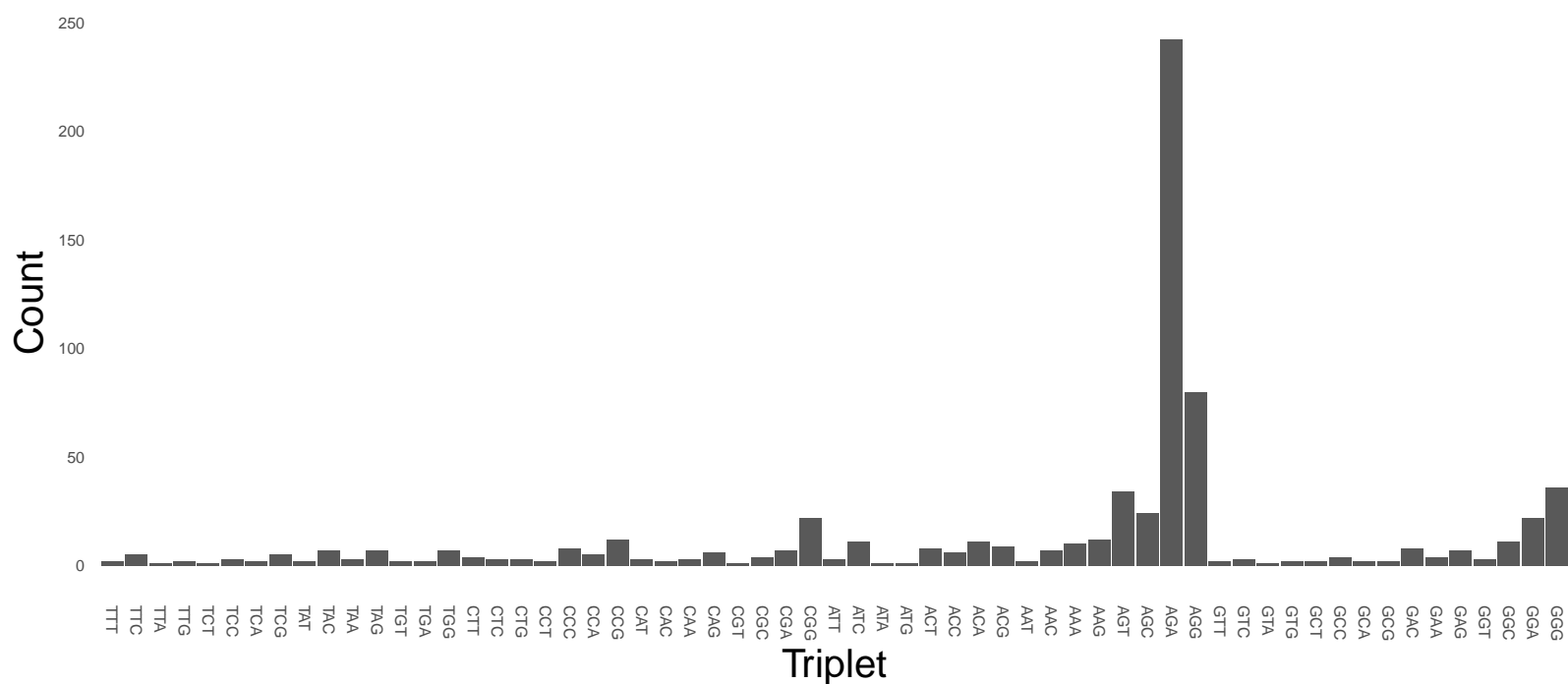
Gene TRBV7-1*ap01_T296C



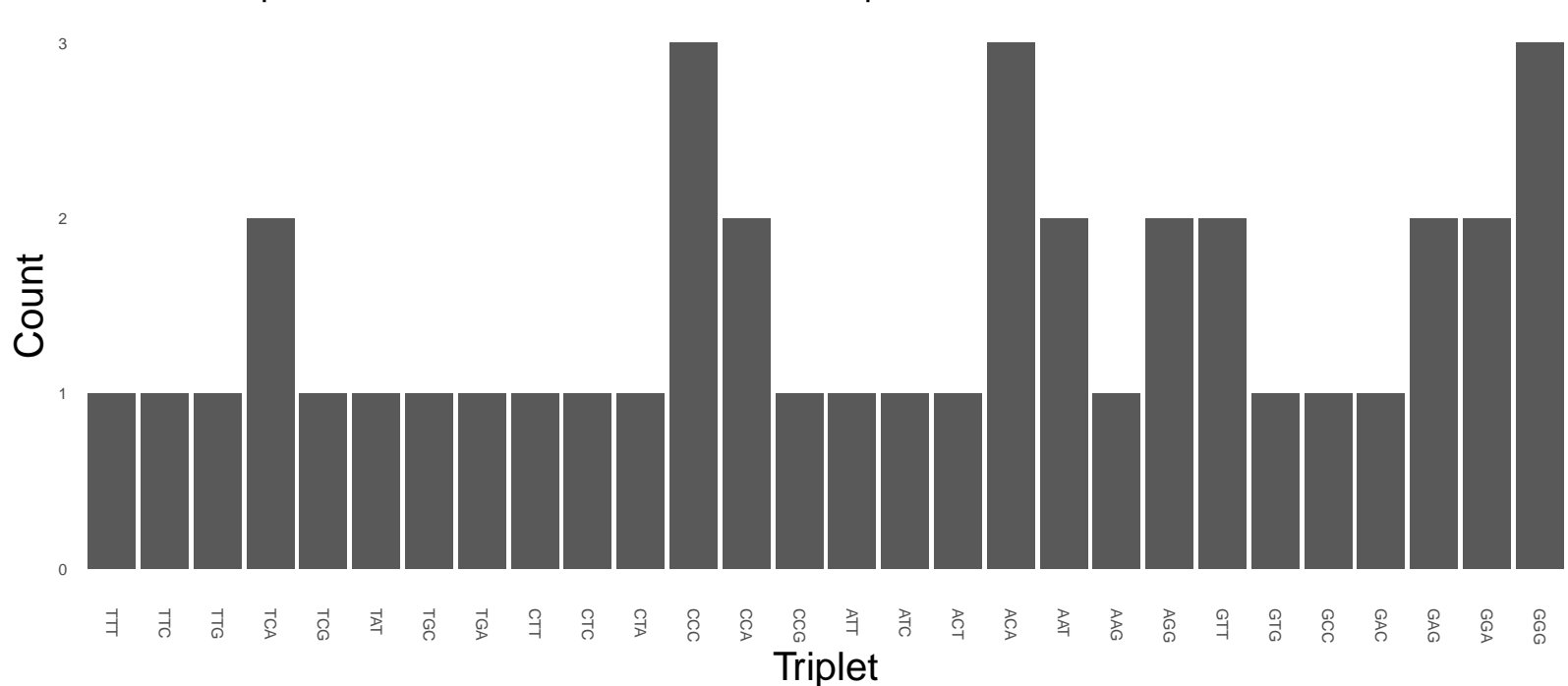
Gene TRBV7-7*ap01_C315T



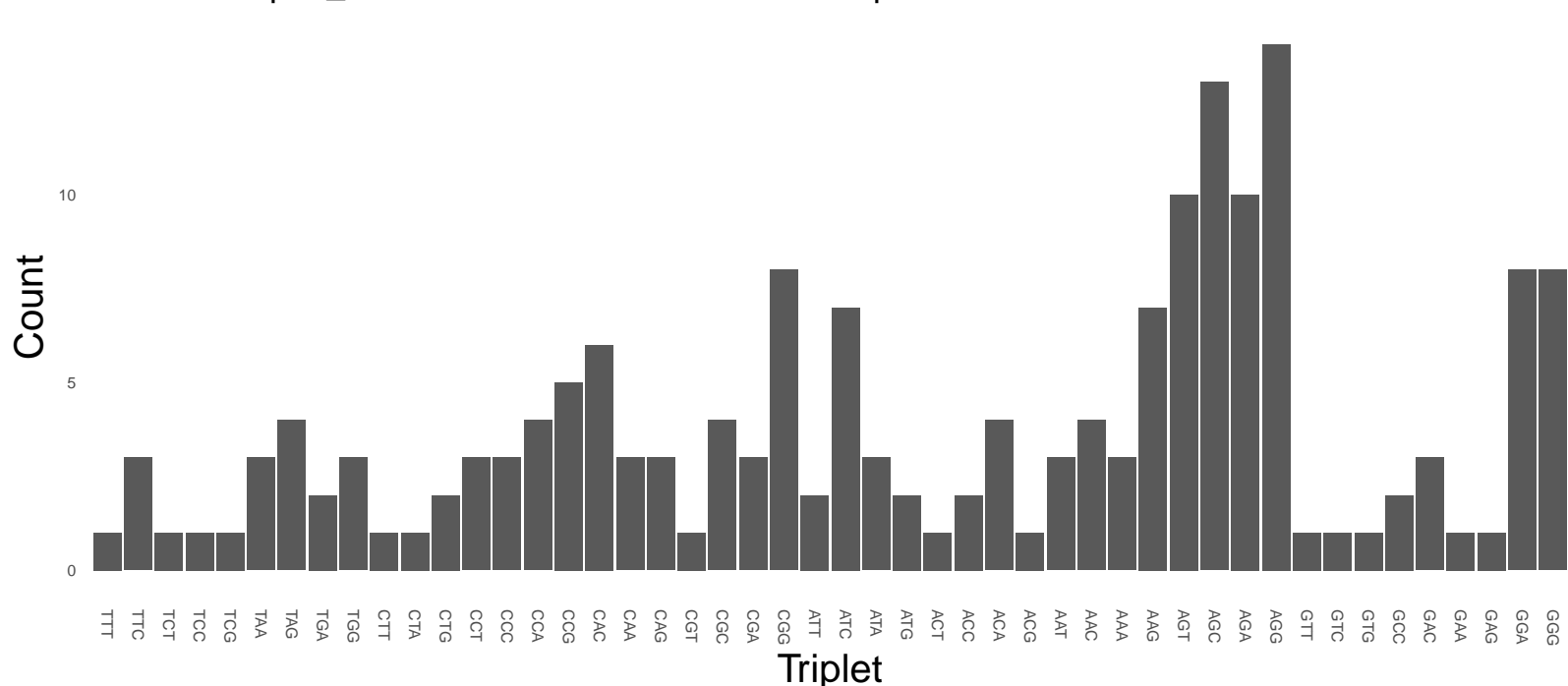
TRBV15*ap02_G290C– Final 3 nucleotides as a triplet



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

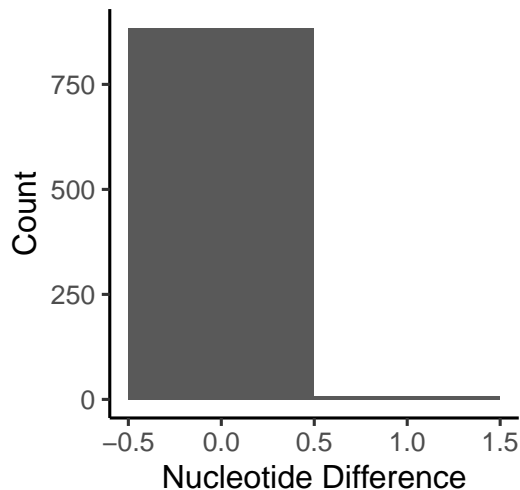


TRBV7–7*ap01_C315T– Final 3 nucleotides as a triplet



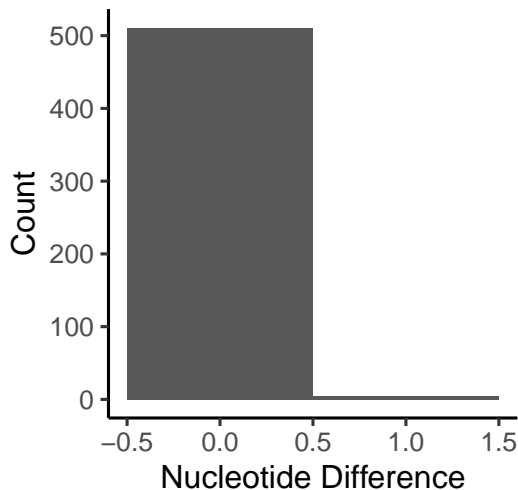
TRBV10–1*ap01

894 sequences assigned
885 (99%) exact matches, in which:
874 unique CDR3
14 unique J



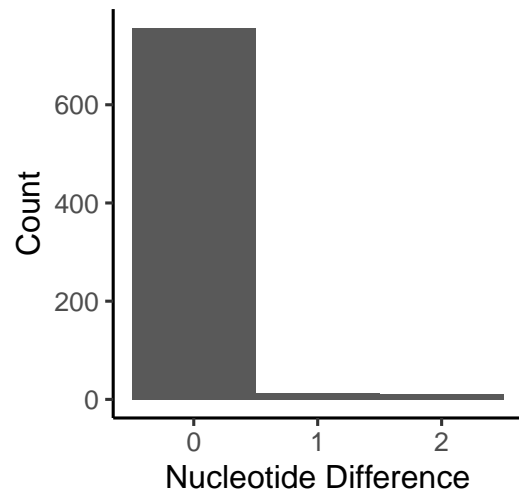
TRBV10–2*ap01

516 sequences assigned
511 (99%) exact matches, in which:
509 unique CDR3
14 unique J



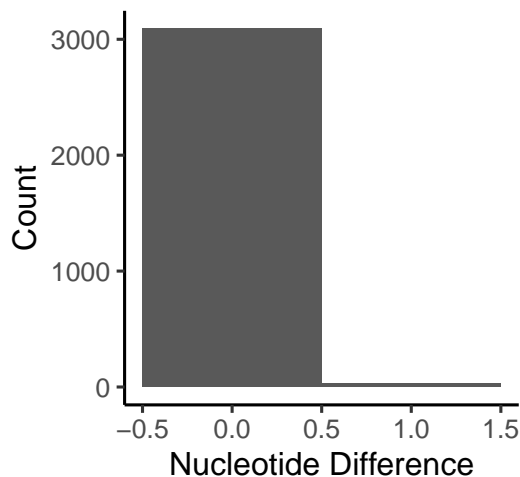
TRBV13*ap01

781 sequences assigned
757 (96.9%) exact matches, in which:
747 unique CDR3
14 unique J



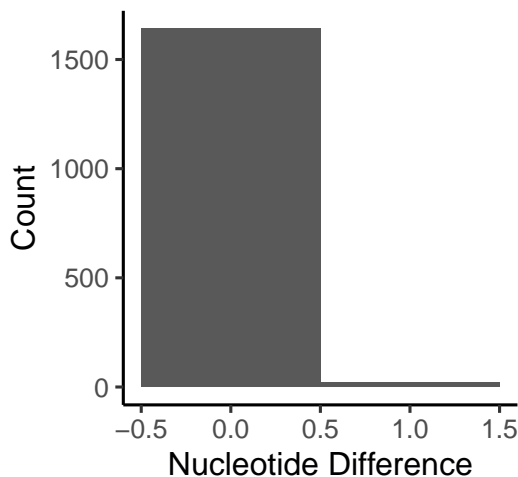
TRBV20–1*ap01

3118 sequences assigned
3091 (99.1%) exact matches, in which:
3078 unique CDR3
14 unique J



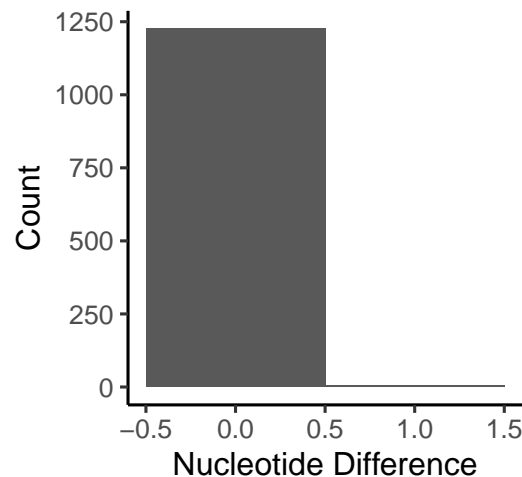
TRBV10–3*ap01

1660 sequences assigned
1641 (98.9%) exact matches, in which:
1631 unique CDR3
14 unique J



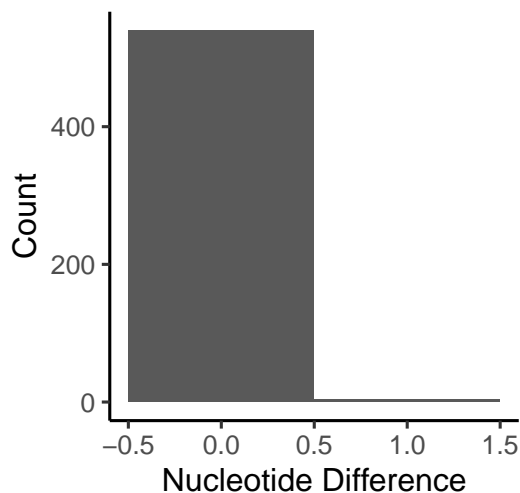
TRBV14*ap01

1230 sequences assigned
1226 (99.7%) exact matches, in which:
1224 unique CDR3
14 unique J



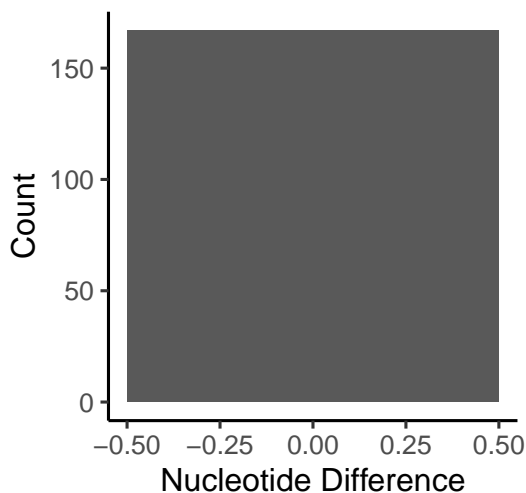
TRBV20–1*ap02

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



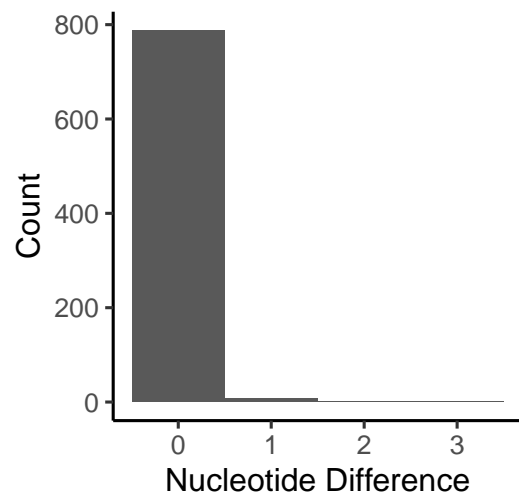
TRBV1*ap01

167 sequences assigned
167 (100%) exact matches, in which:
165 unique CDR3
14 unique J



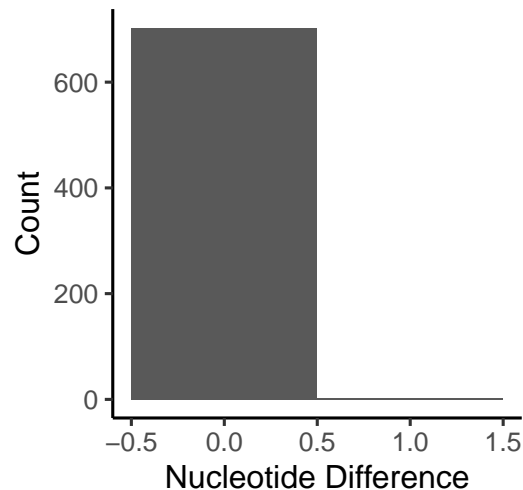
TRBV15*ap02

797 sequences assigned
788 (98.9%) exact matches, in which:
779 unique CDR3
13 unique J



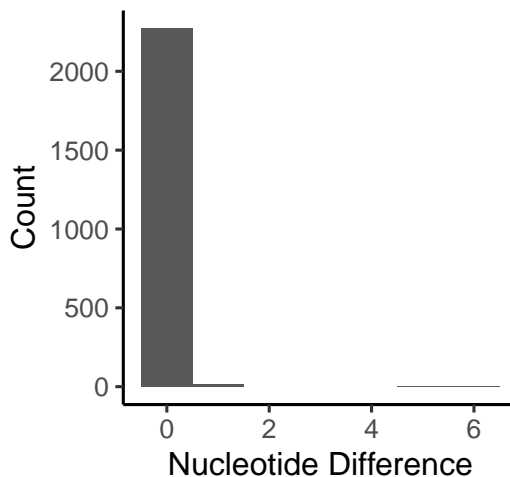
TRBV15*ap02_G290C

706 sequences assigned
703 (99.6%) exact matches, in which:
702 unique CDR3
13 unique J



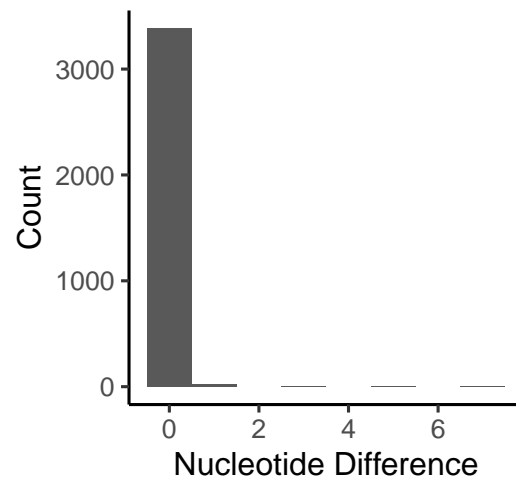
TRBV18*ap01

2288 sequences assigned
2272 (99.3%) exact matches, in which:
2267 unique CDR3
14 unique J



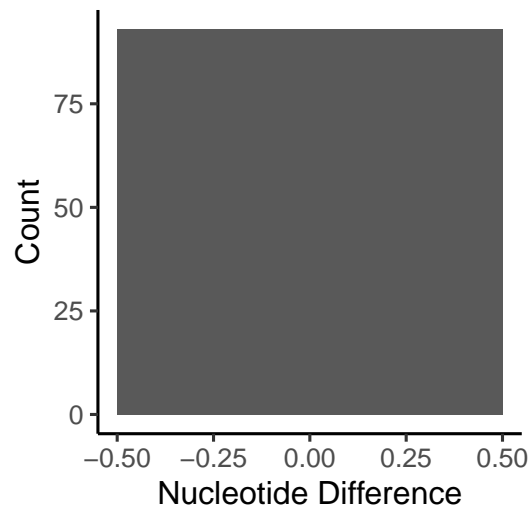
TRBV27*ap01

3413 sequences assigned
3384 (99.2%) exact matches, in which:
3369 unique CDR3
14 unique J



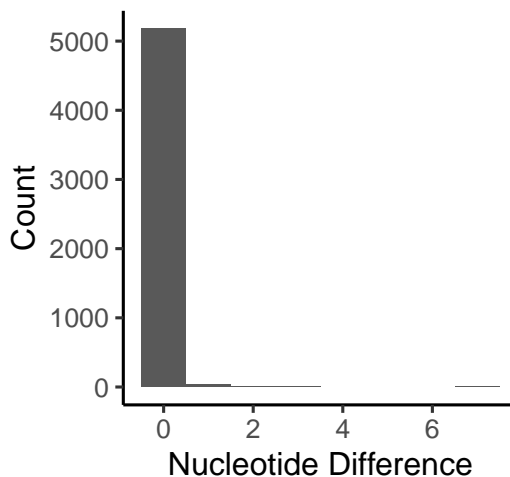
TRBV16*ap01

93 sequences assigned
93 (100%) exact matches, in which:
93 unique CDR3
13 unique J



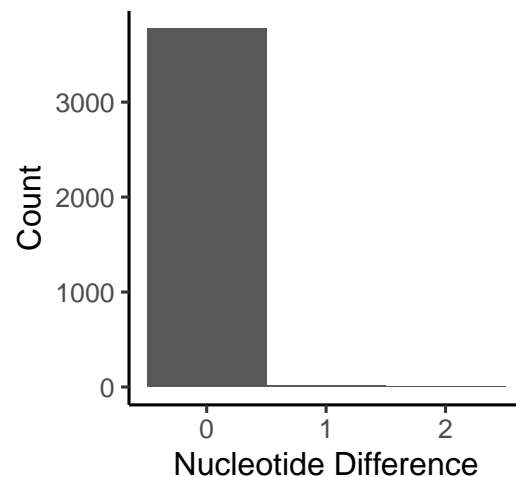
TRBV19*ap01

5217 sequences assigned
5179 (99.3%) exact matches, in which:
5166 unique CDR3
14 unique J



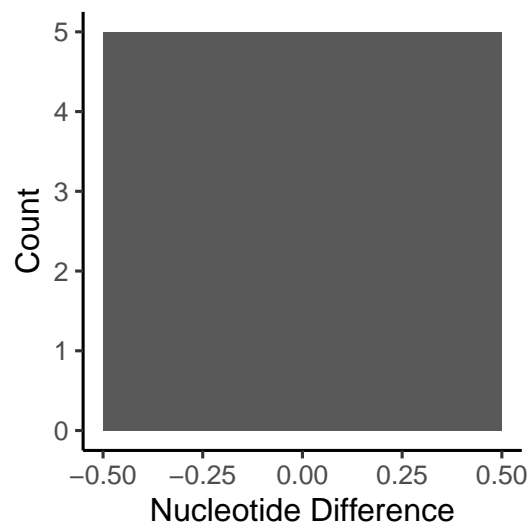
TRBV28*ap01

3794 sequences assigned
3773 (99.4%) exact matches, in which:
3759 unique CDR3
15 unique J



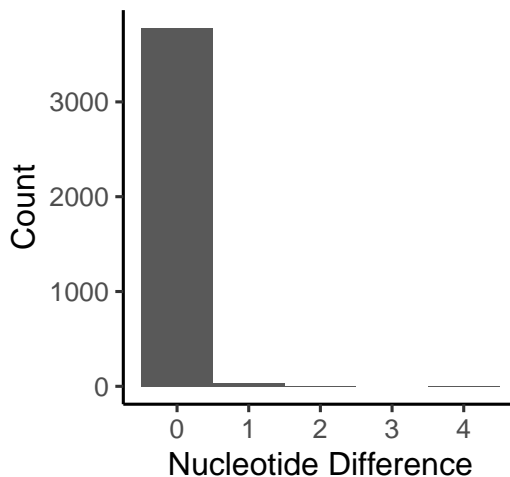
TRBV17*ap01

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



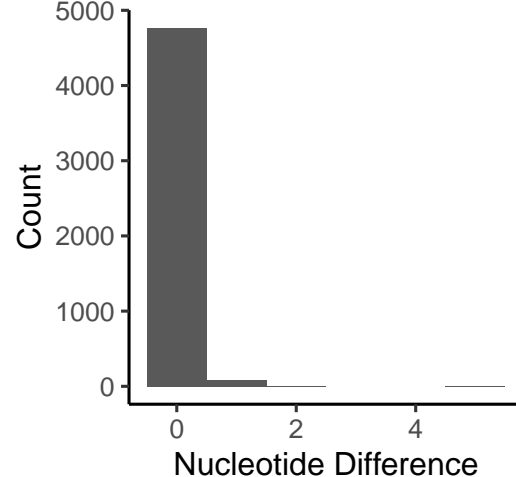
TRBV2*ap01

3817 sequences assigned
3779 (99%) exact matches, in which:
3759 unique CDR3
14 unique J



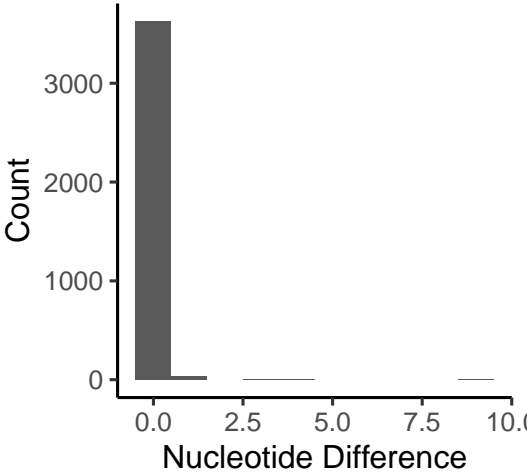
TRBV30*ap01

4853 sequences assigned
4764 (98.2%) exact matches, in which:
4721 unique CDR3
14 unique J



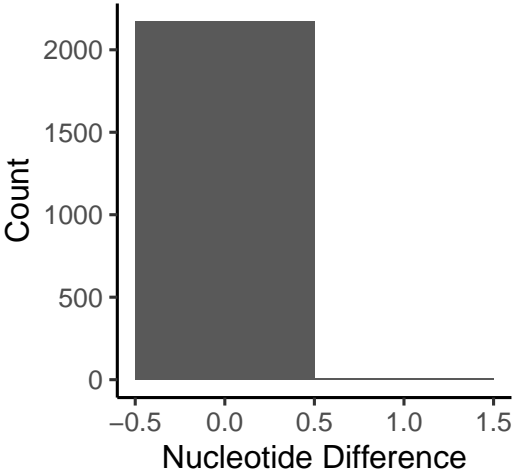
TRBV9*ap01

3669 sequences assigned
3626 (98.8%) exact matches, in which:
3616 unique CDR3
14 unique J



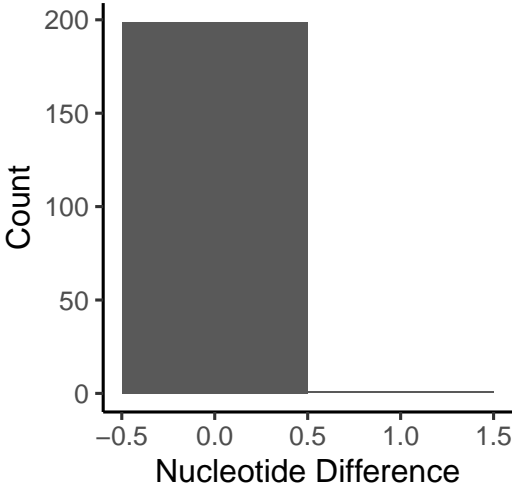
TRBV11-2*ap01

2183 sequences assigned
2172 (99.5%) exact matches, in which:
2162 unique CDR3
14 unique J



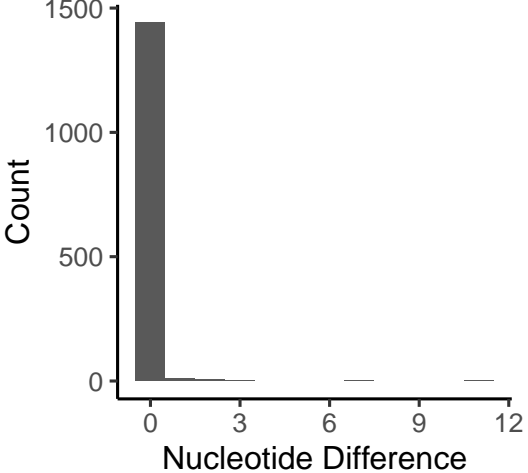
TRBV12-2*ap01

200 sequences assigned
199 (99.5%) exact matches, in which:
196 unique CDR3
13 unique J



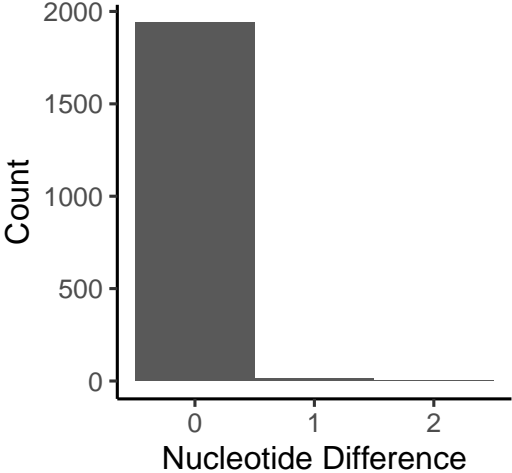
TRBV21-1*ap01

1463 sequences assigned
1441 (98.5%) exact matches, in which:
1437 unique CDR3
14 unique J



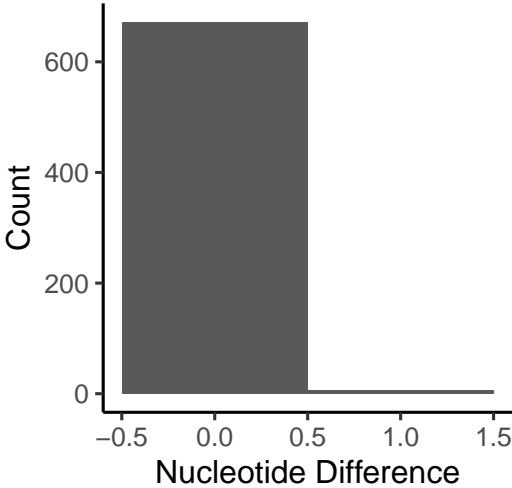
TRBV11-3*ap01

1952 sequences assigned
1939 (99.3%) exact matches, in which:
1931 unique CDR3
14 unique J



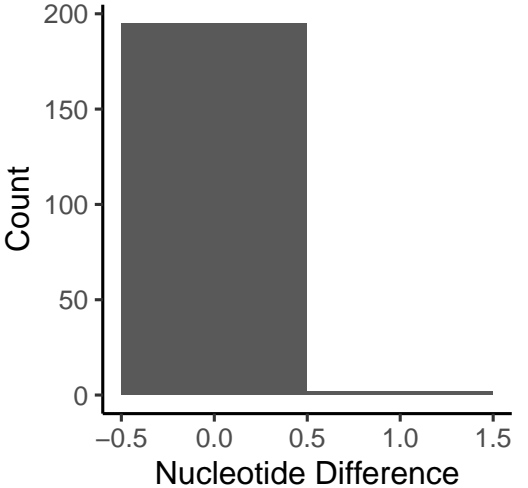
TRBV12-5*ap01

678 sequences assigned
672 (99.1%) exact matches, in which:
669 unique CDR3
14 unique J



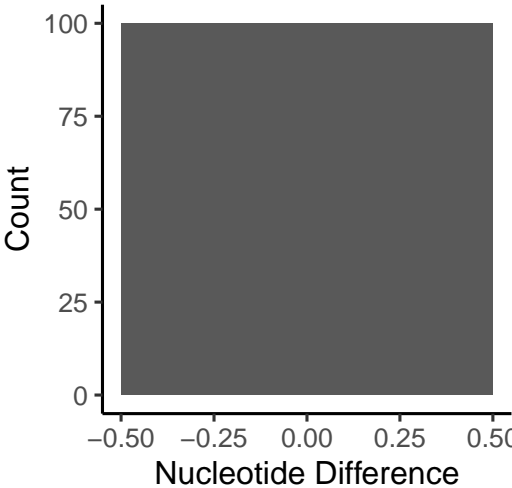
TRBV11-1*ap01

197 sequences assigned
195 (99%) exact matches, in which:
195 unique CDR3
13 unique J



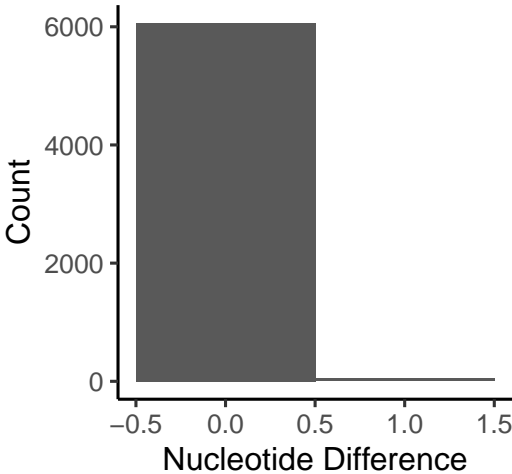
TRBV12-1*ap01

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



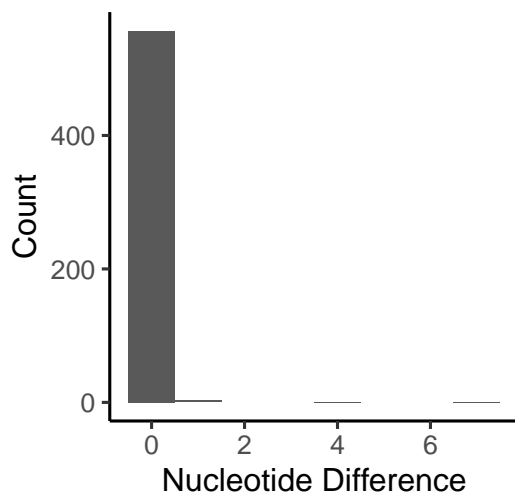
TRBV12-34*ap01

6111 sequences assigned
6063 (99.2%) exact matches, in which:
6030 unique CDR3
14 unique J



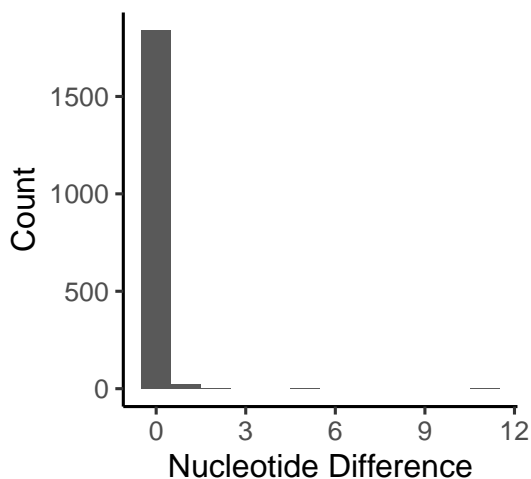
TRBV23-1*ap01

562 sequences assigned
557 (99.1%) exact matches, in which:
554 unique CDR3
14 unique J



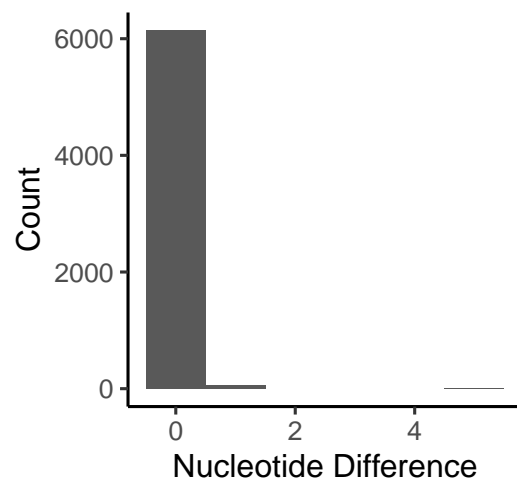
TRBV4-1*ap01

1865 sequences assigned
1839 (98.6%) exact matches, in which:
1825 unique CDR3
14 unique J



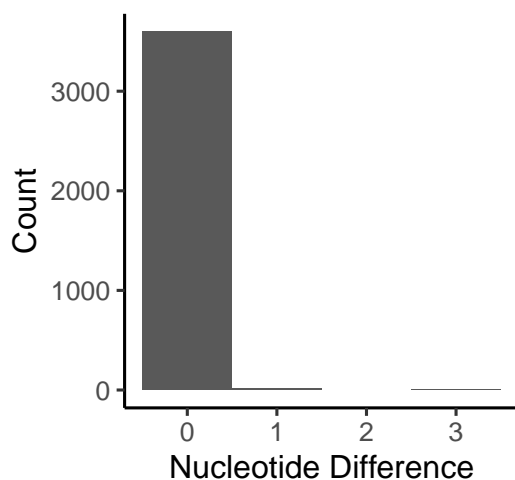
TRBV5-1*ap01

6204 sequences assigned
6142 (99%) exact matches, in which:
6086 unique CDR3
14 unique J



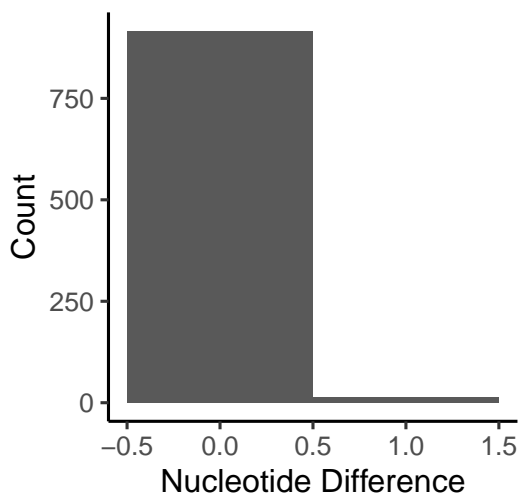
TRBV3-12*ap01

3612 sequences assigned
3597 (99.6%) exact matches, in which:
3587 unique CDR3
14 unique J



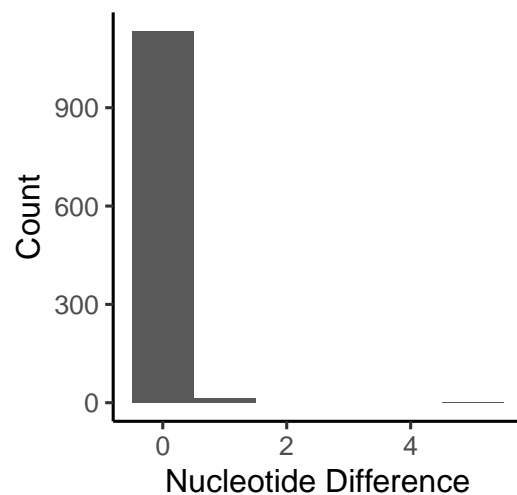
TRBV4-2*ap01

930 sequences assigned
916 (98.5%) exact matches, in which:
914 unique CDR3
14 unique J



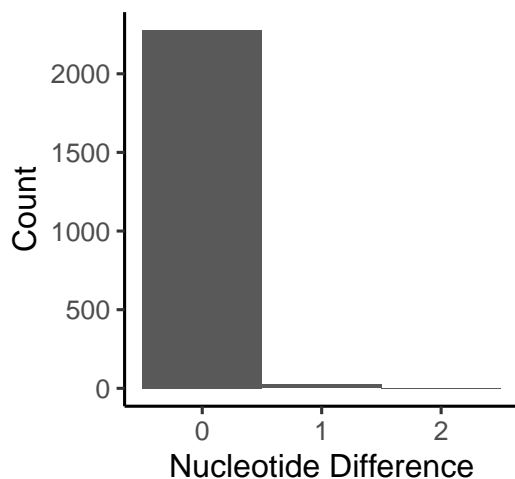
TRBV25-1*ap01

1150 sequences assigned
1134 (98.6%) exact matches, in which:
1124 unique CDR3
14 unique J



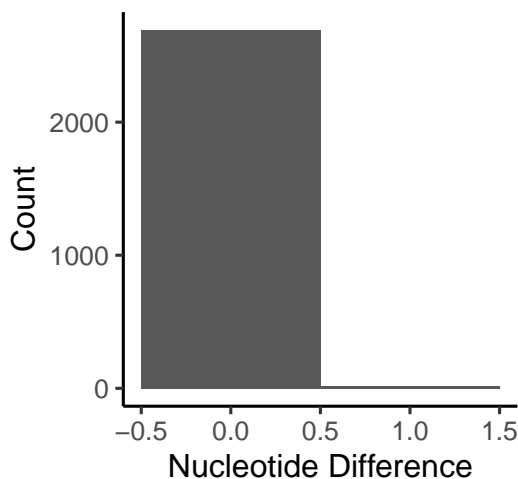
TRBV24-1*ap01

2304 sequences assigned
2278 (98.9%) exact matches, in which:
2255 unique CDR3
14 unique J



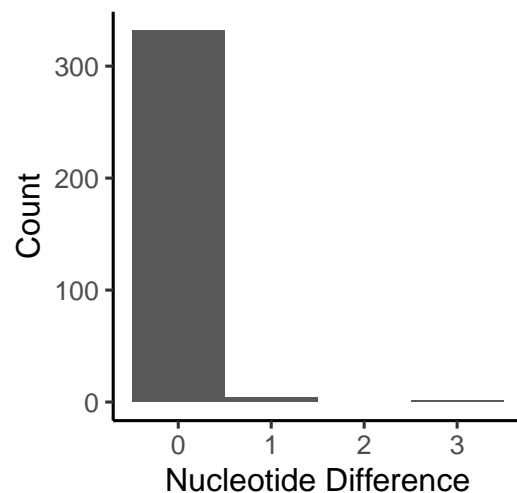
TRBV4-3*ap01

2710 sequences assigned
2692 (99.3%) exact matches, in which:
2666 unique CDR3
14 unique J



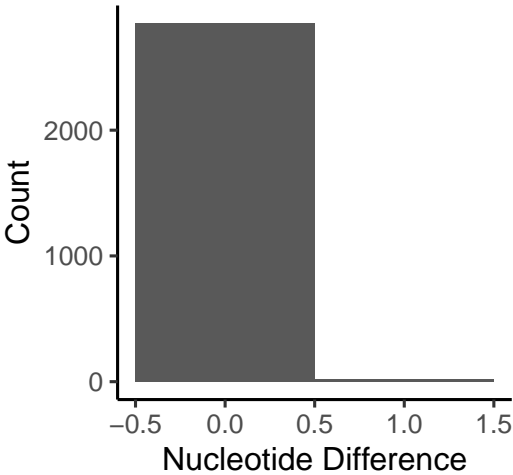
TRBV5-3*ap01

337 sequences assigned
332 (98.5%) exact matches, in which:
331 unique CDR3
14 unique J



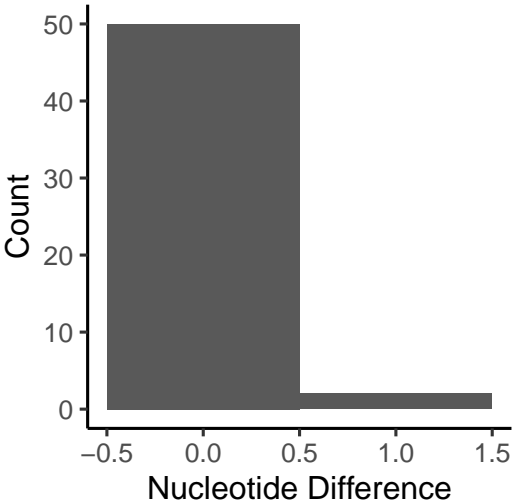
TRBV5-4*ap01

2866 sequences assigned
2849 (99.4%) exact matches, in which:
2830 unique CDR3
14 unique J



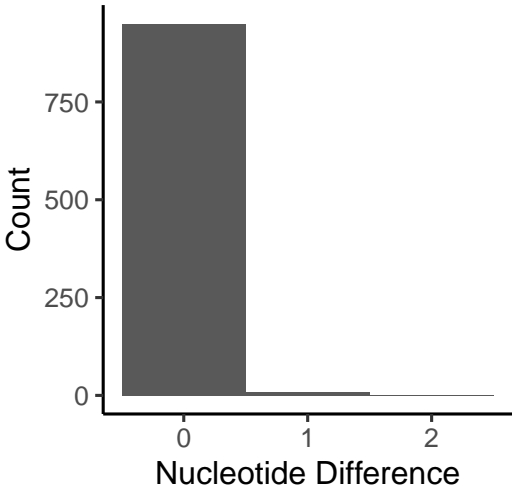
TRBV5-7*ap01

52 sequences assigned
50 (96.2%) exact matches, in which:
46 unique CDR3
12 unique J



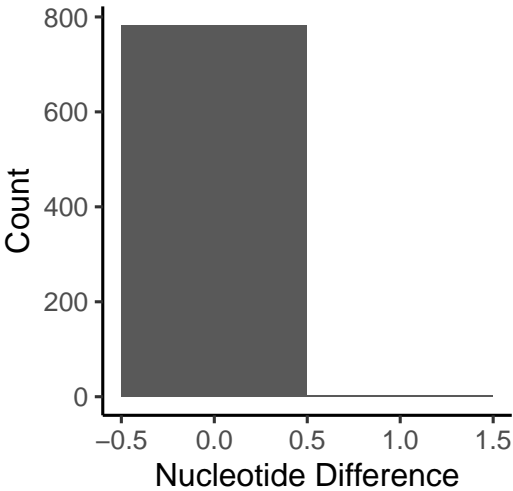
TRBV6-4*ap01

959 sequences assigned
950 (99.1%) exact matches, in which:
945 unique CDR3
14 unique J



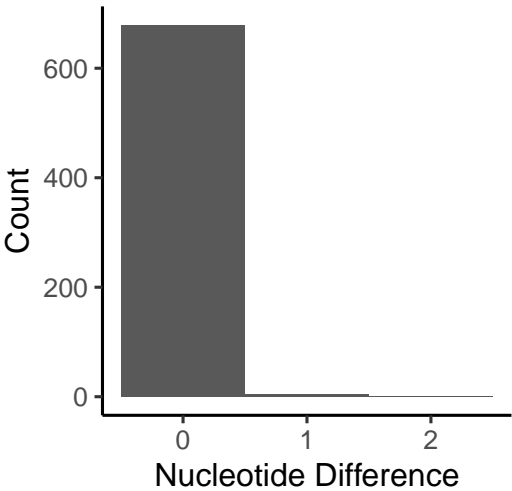
TRBV5-5*ap01

786 sequences assigned
783 (99.6%) exact matches, in which:
779 unique CDR3
14 unique J



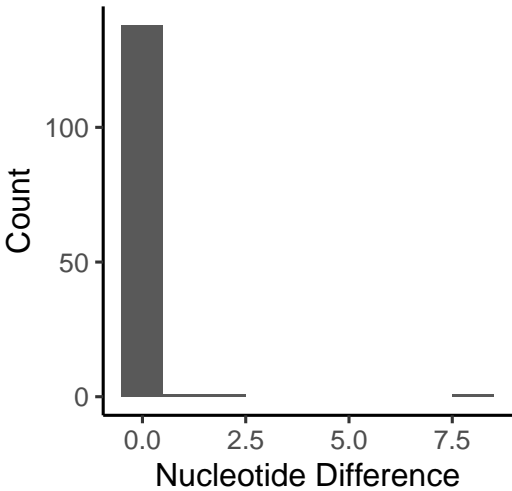
TRBV5-8*ap01

685 sequences assigned
679 (99.1%) exact matches, in which:
676 unique CDR3
14 unique J



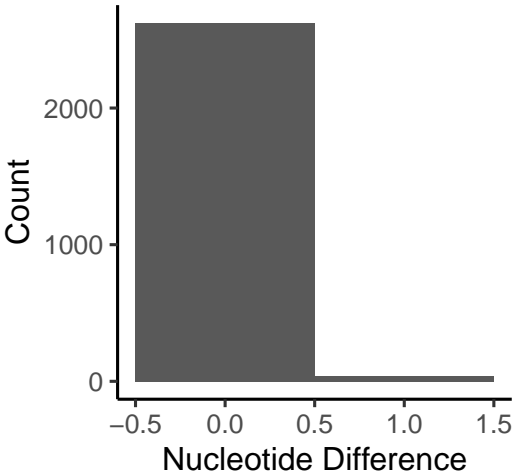
TRBV6-7*ap01

141 sequences assigned
138 (97.9%) exact matches, in which:
135 unique CDR3
14 unique J



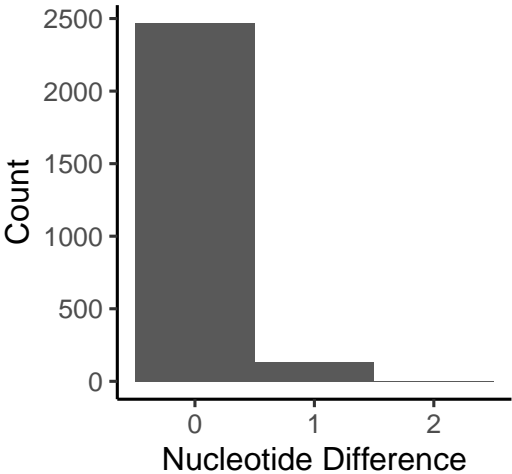
TRBV5-6*ap01

2662 sequences assigned
2622 (98.5%) exact matches, in which:
2572 unique CDR3
14 unique J



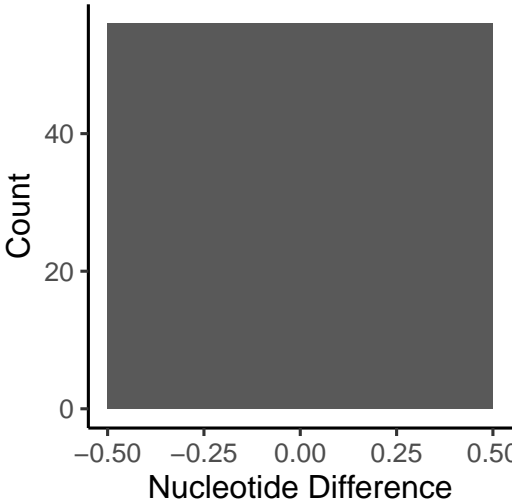
TRBV6-1*ap01

2602 sequences assigned
2469 (94.9%) exact matches, in which:
2438 unique CDR3
14 unique J



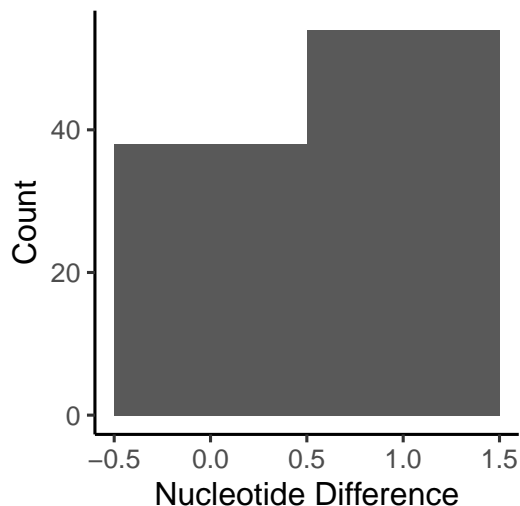
TRBV6-8*ap01

56 sequences assigned
56 (100%) exact matches, in which:
56 unique CDR3
13 unique J



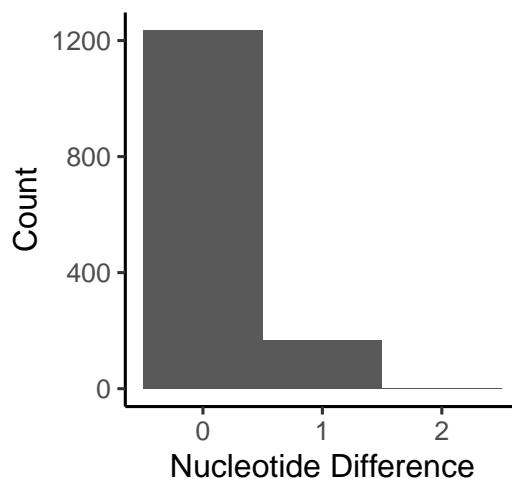
TRBV6-9*ap01

92 sequences assigned
38 (41.3%) exact matches, in which:
37 unique CDR3
11 unique J



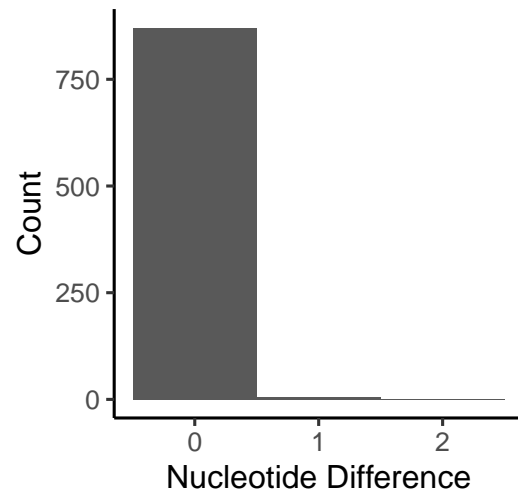
TRBV6-56*ap02

1402 sequences assigned
1235 (88.1%) exact matches, in which:
1222 unique CDR3
14 unique J



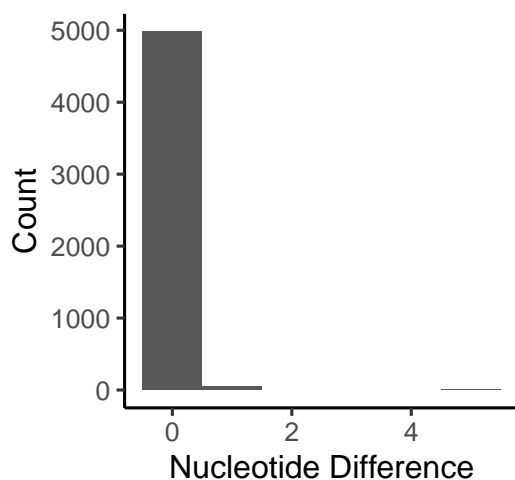
TRBV7-3*ap01

878 sequences assigned
871 (99.2%) exact matches, in which:
868 unique CDR3
14 unique J



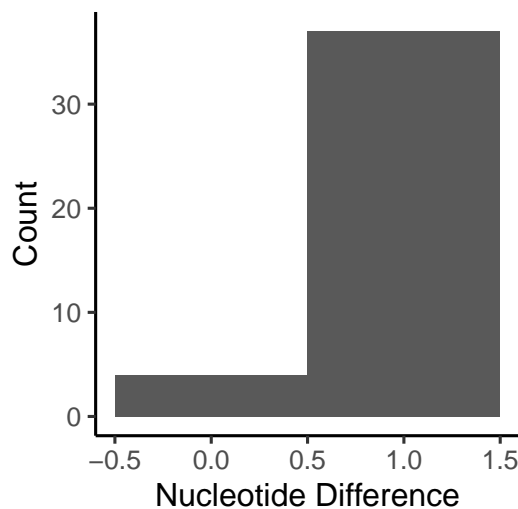
TRBV6-23*ap01

5033 sequences assigned
4980 (98.9%) exact matches, in which:
4902 unique CDR3
14 unique J



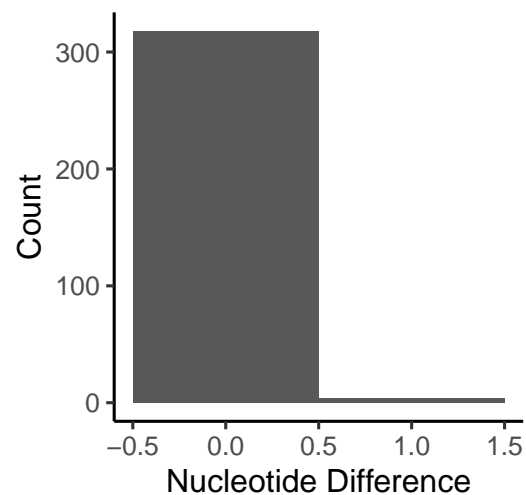
TRBV7-1*ap01_T296C

41 sequences assigned
4 (9.8%) exact matches, in which:
4 unique CDR3
3 unique J



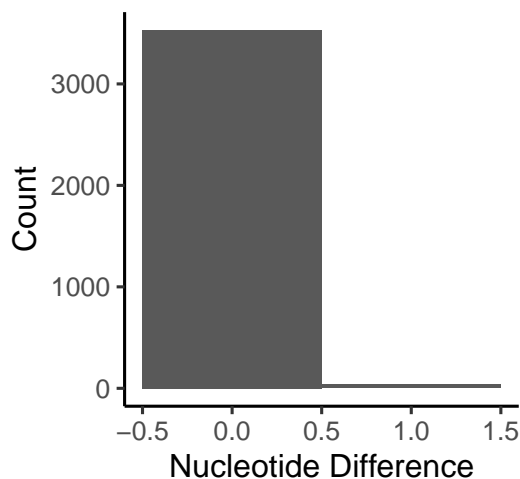
TRBV7-3*ap02

322 sequences assigned
318 (98.8%) exact matches, in which:
313 unique CDR3
13 unique J



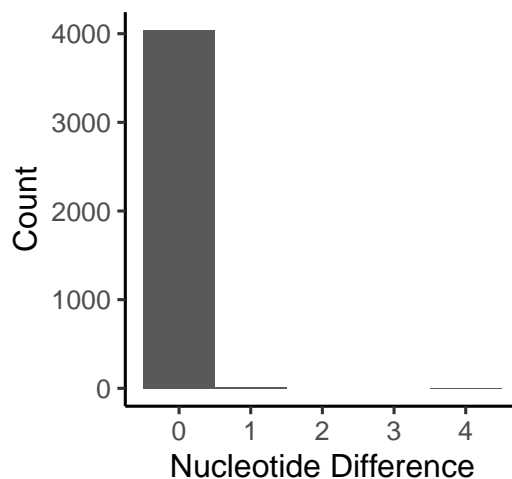
TRBV6-56*ap01

3569 sequences assigned
3531 (98.9%) exact matches, in which:
3481 unique CDR3
14 unique J



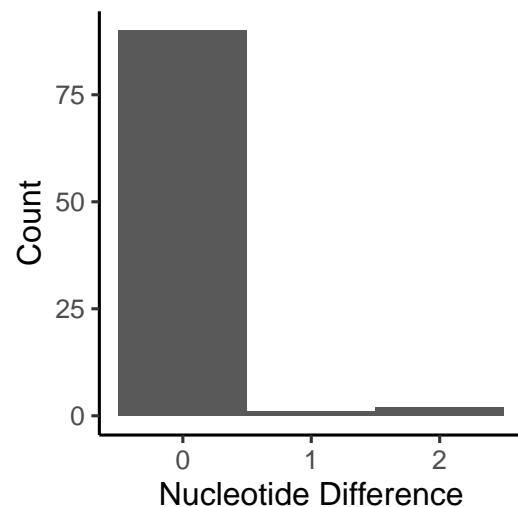
TRBV7-2*ap01

4057 sequences assigned
4041 (99.6%) exact matches, in which:
4028 unique CDR3
14 unique J



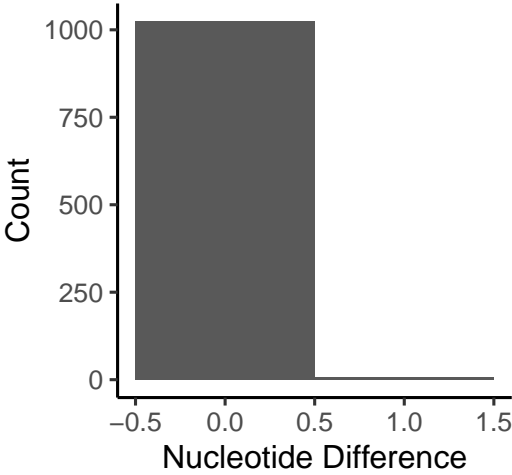
TRBV7-4*ap01

93 sequences assigned
90 (96.8%) exact matches, in which:
90 unique CDR3
14 unique J



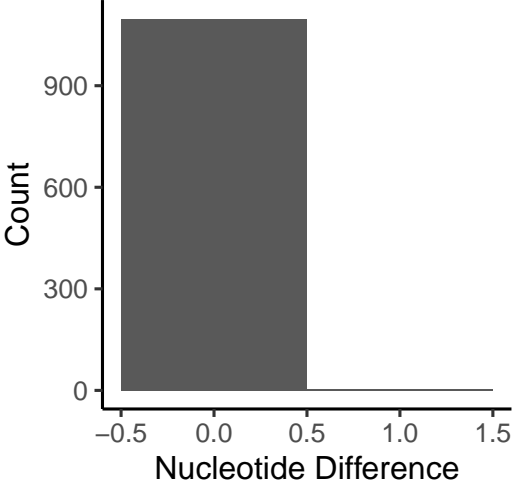
TRBV7-6*ap01

1032 sequences assigned
1024 (99.2%) exact matches, in which:
1015 unique CDR3
14 unique J



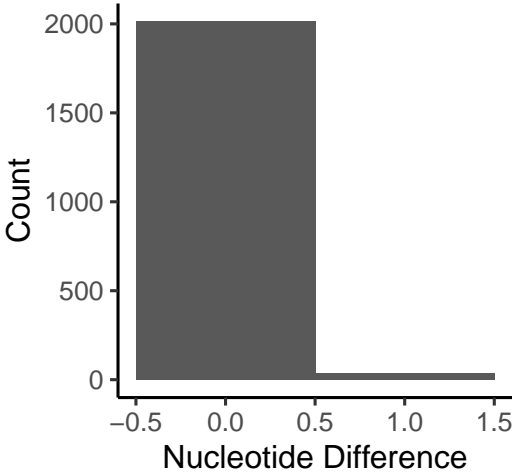
TRBV7-8*ap01

1102 sequences assigned
1098 (99.6%) exact matches, in which:
1090 unique CDR3
14 unique J



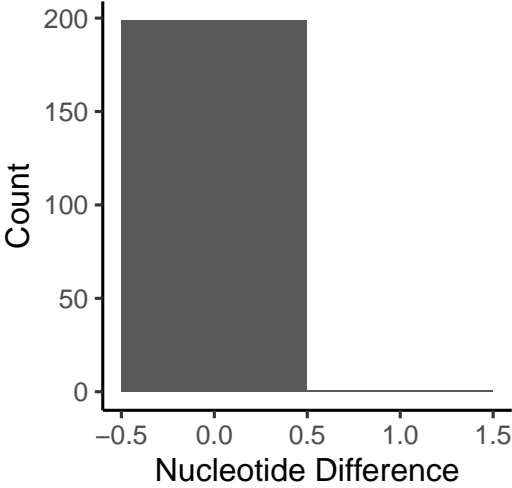
TRBV29-1*ap01

2050 sequences assigned
2014 (98.2%) exact matches, in which:
1987 unique CDR3
14 unique J



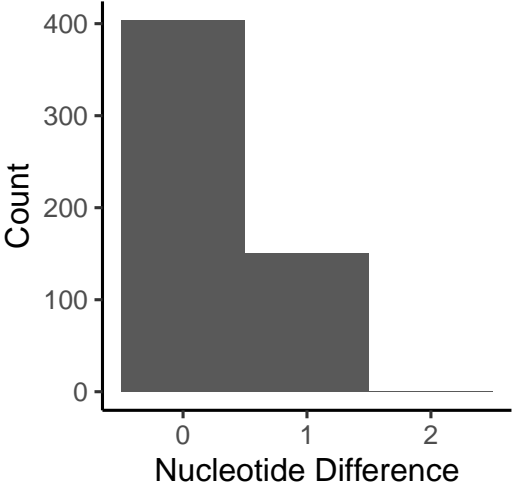
TRBV7-7*ap01

200 sequences assigned
199 (99.5%) exact matches, in which:
198 unique CDR3
13 unique J



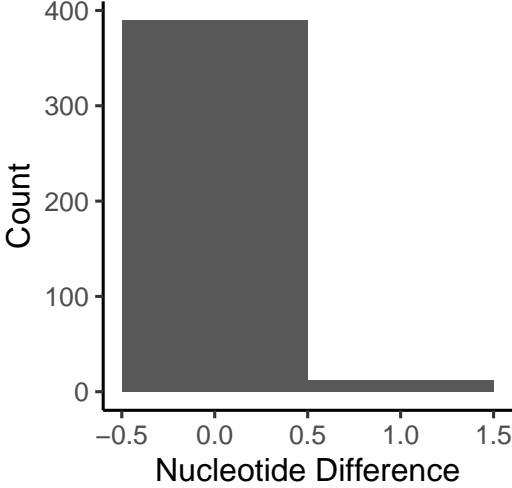
TRBV7-8*ap03

556 sequences assigned
404 (72.7%) exact matches, in which:
401 unique CDR3
14 unique J



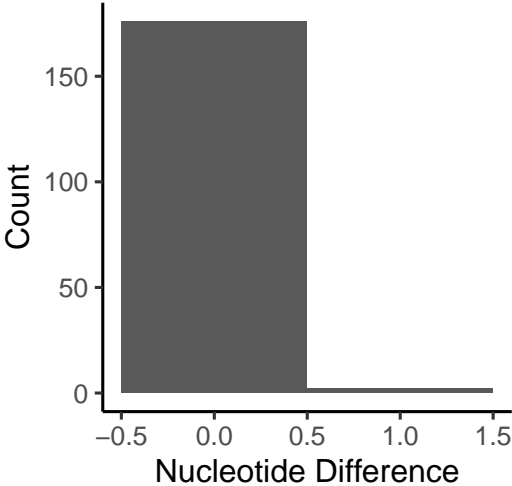
TRBV29-1*ap02

402 sequences assigned
390 (97%) exact matches, in which:
384 unique CDR3
14 unique J



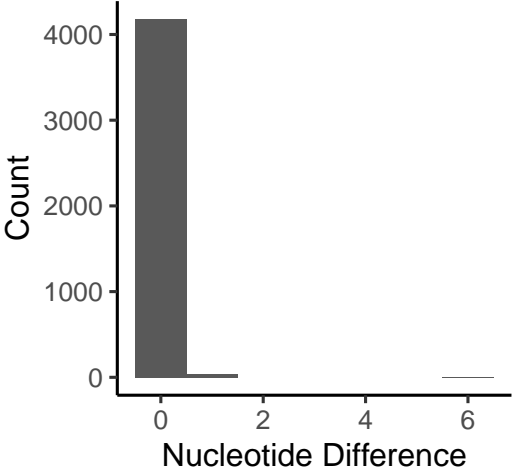
TRBV7-7*ap01_C315T

178 sequences assigned
176 (98.9%) exact matches, in which:
176 unique CDR3
12 unique J

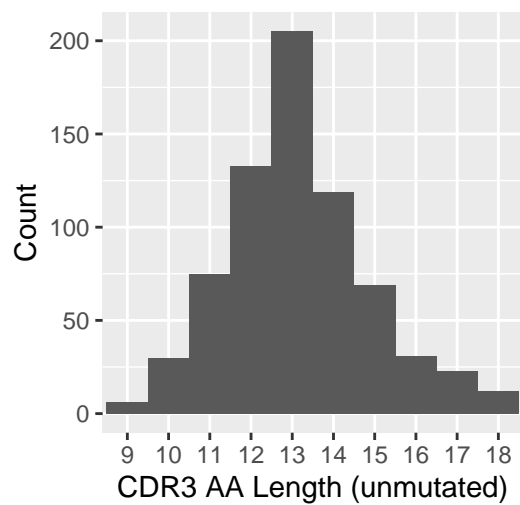


TRBV7-9*ap01

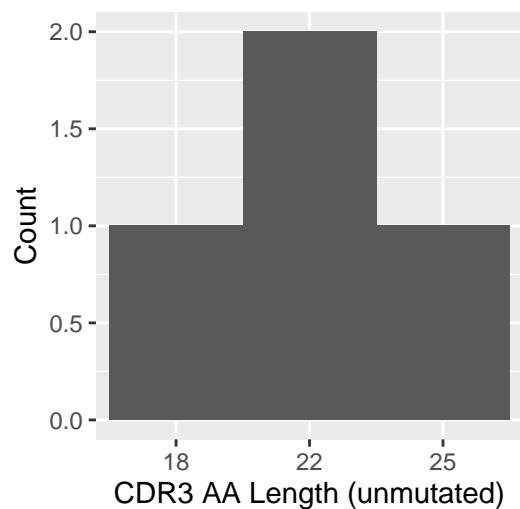
4220 sequences assigned
4180 (99.1%) exact matches, in which:
4159 unique CDR3
14 unique J



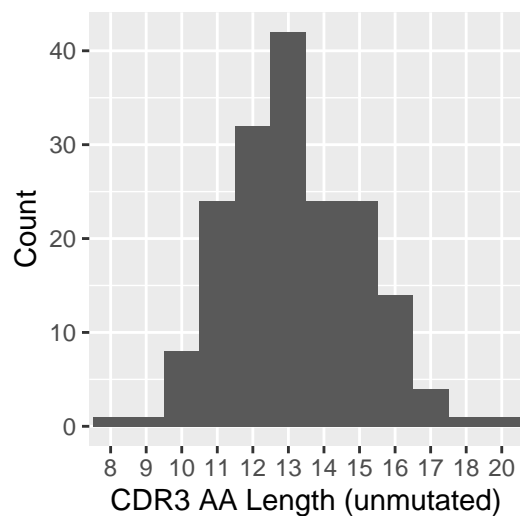
TRBV15*ap02_G290C

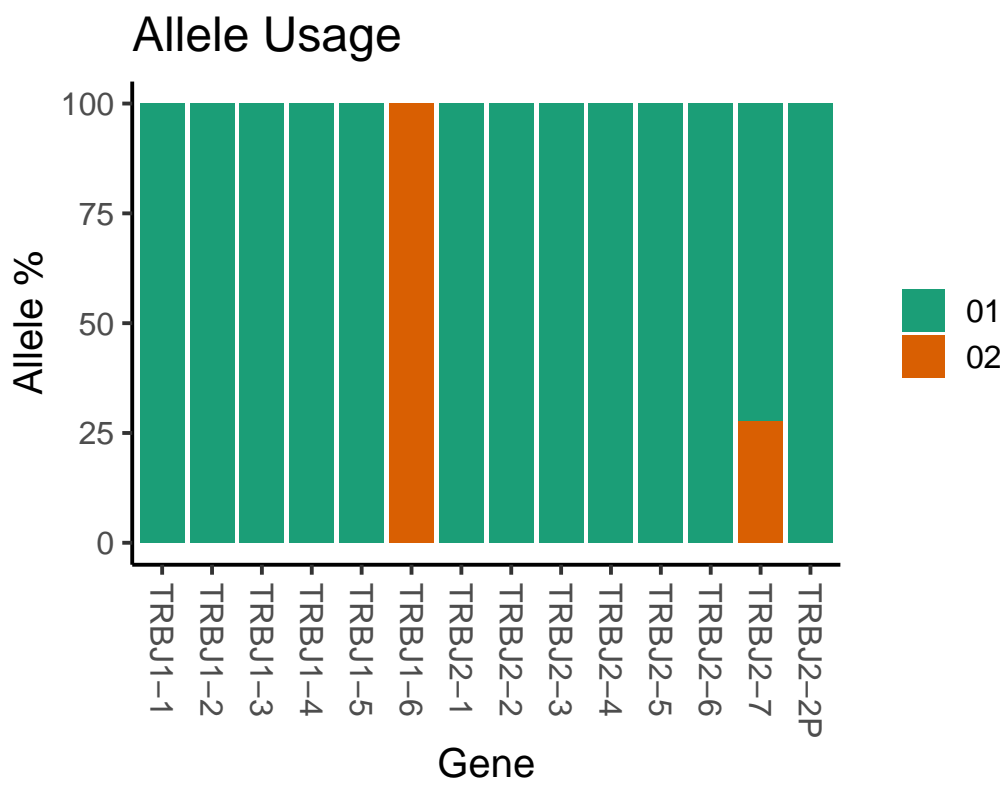


TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T





Sequence Count by TRBJ2-7 allele usage



