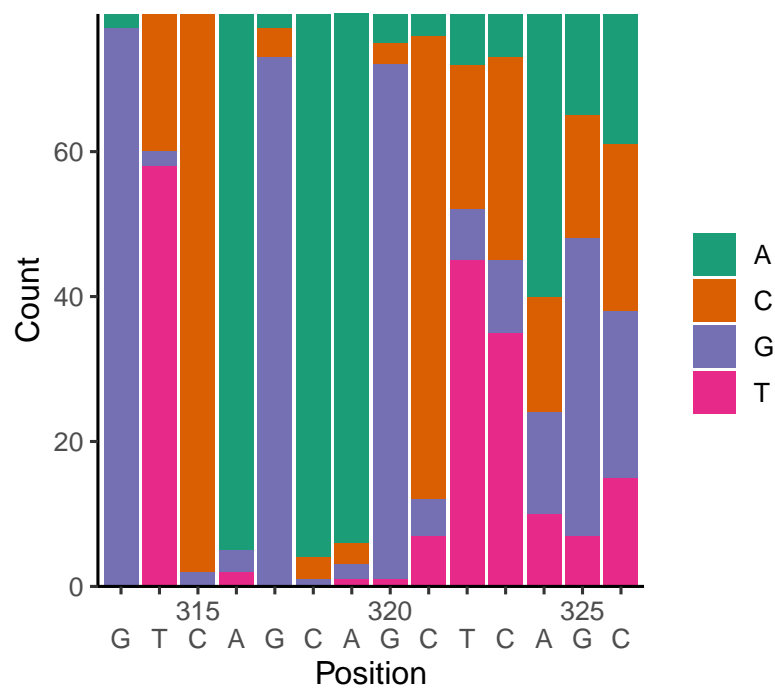
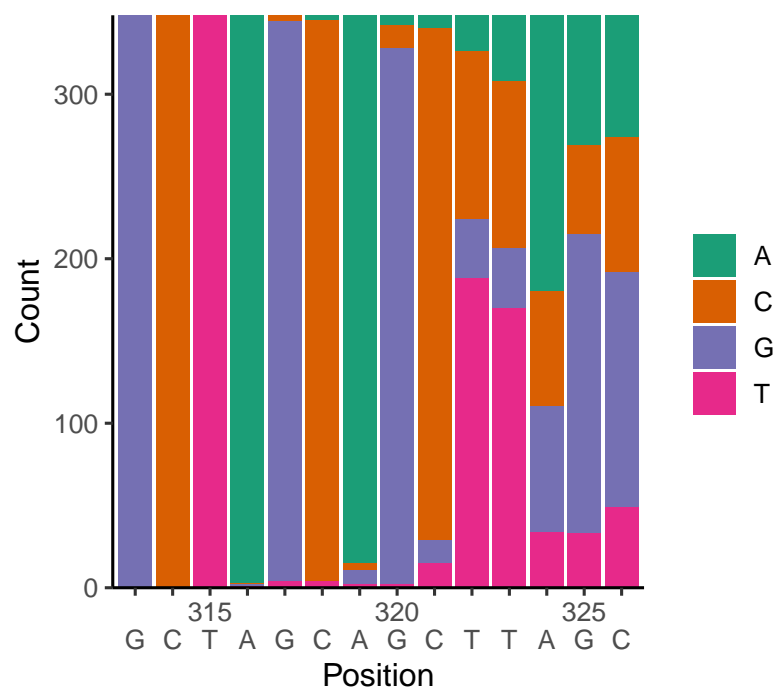


Gene TRBV7-1*ap01_G291C_T296C_C314T



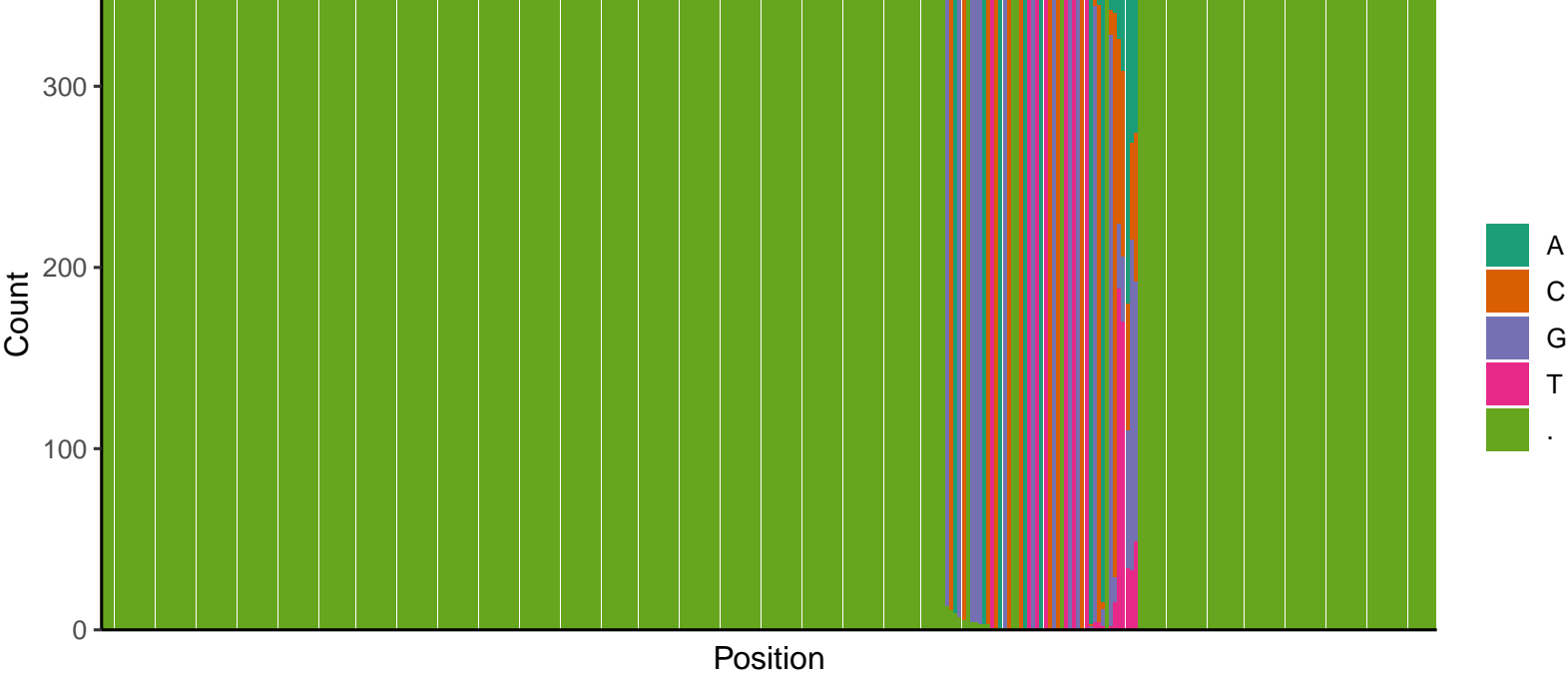
Gene TRBV7-7*ap01_C315T



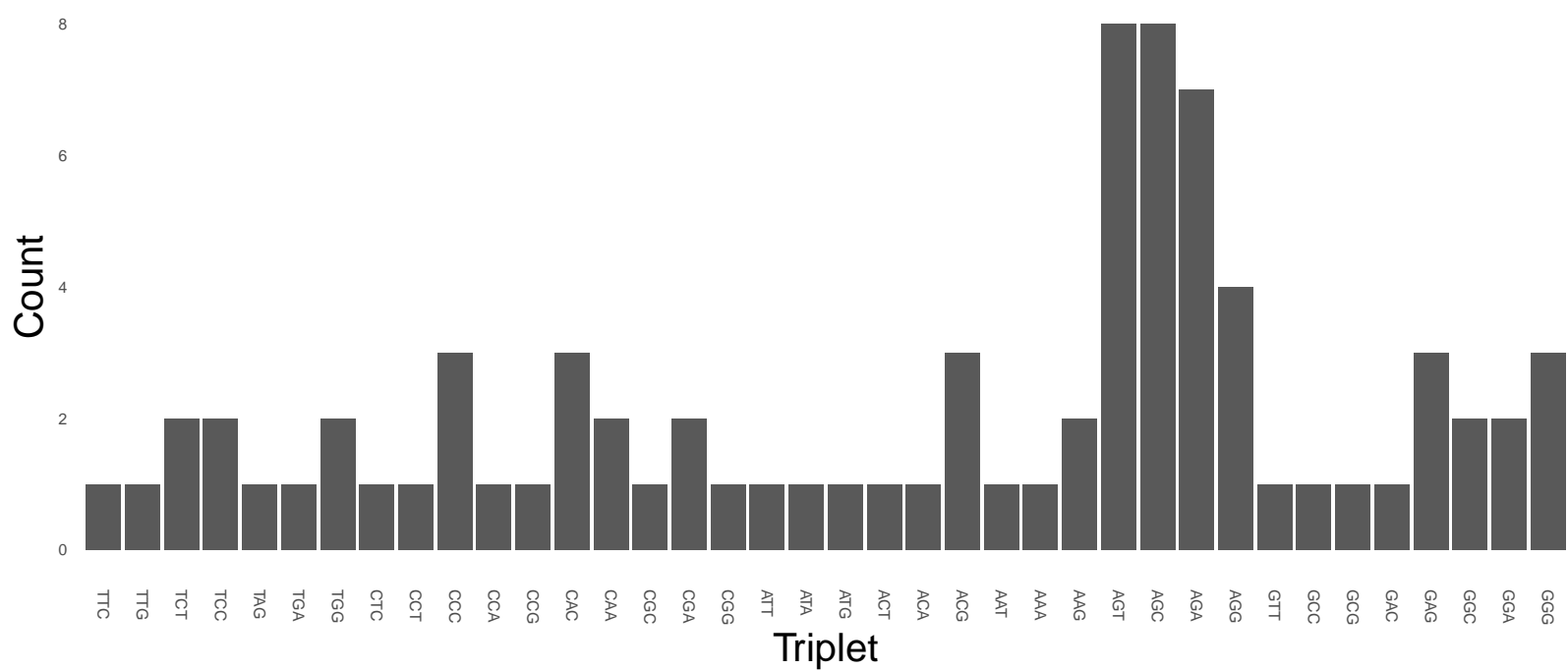
Gene TRBV7-1*ap01_G291C_T296C_C314T



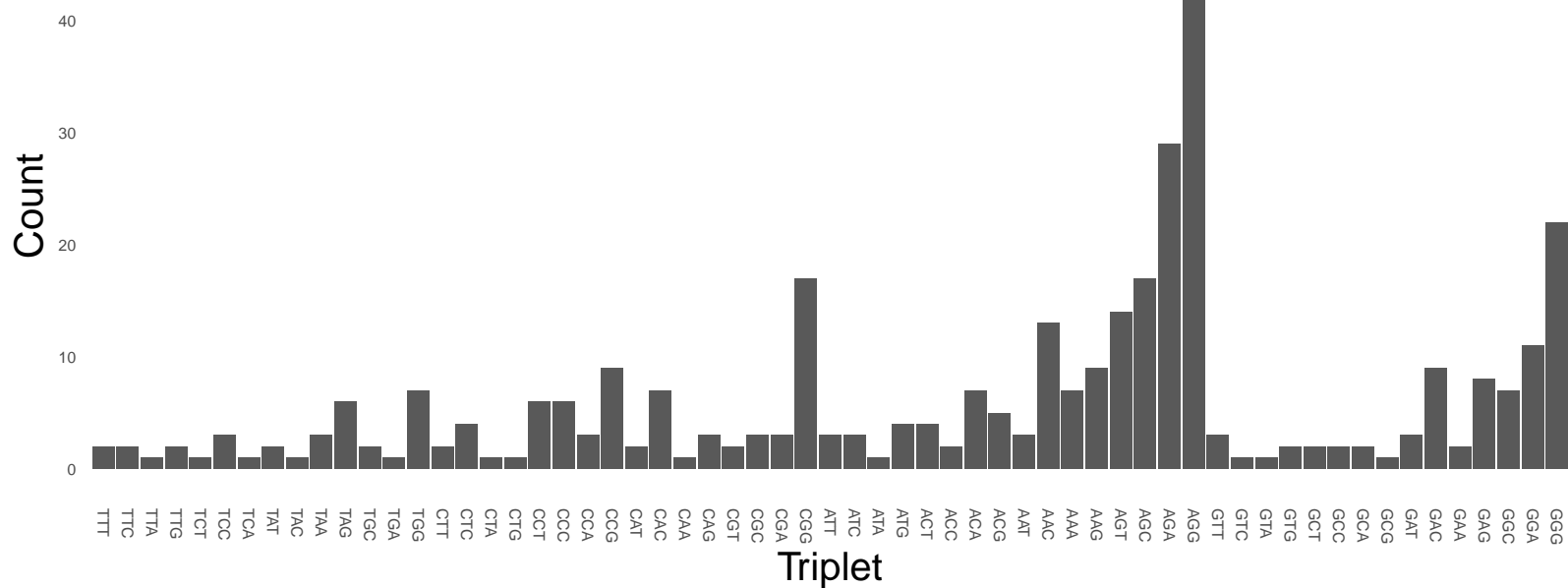
Gene TRBV7-7*ap01_C315T



TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet

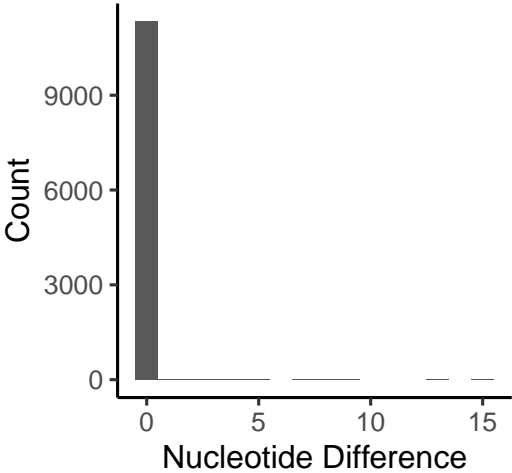


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



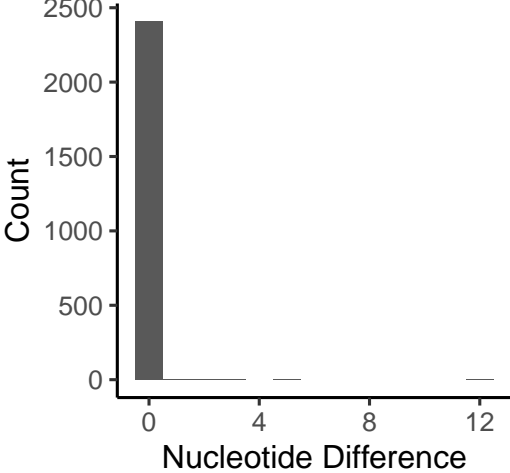
TRBV20-1*ap01

11381 sequences assigned
11335 (99.6%) exact matches, in which:
11321 unique CDR3
14 unique J



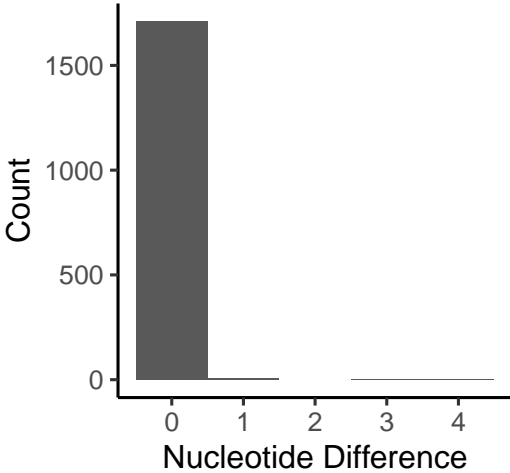
TRBV10-3*ap01

2414 sequences assigned
2408 (99.8%) exact matches, in which:
2408 unique CDR3
14 unique J



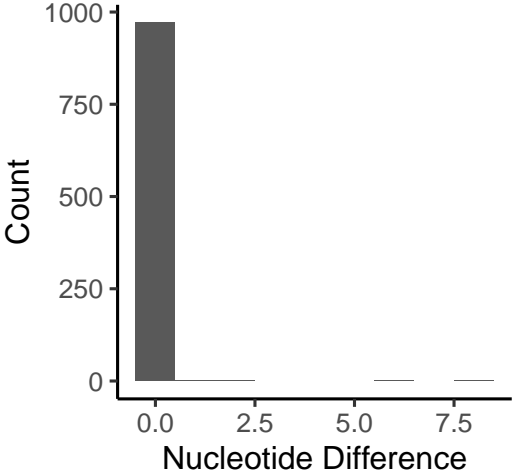
TRBV14*ap01

1718 sequences assigned
1710 (99.5%) exact matches, in which:
1708 unique CDR3
14 unique J



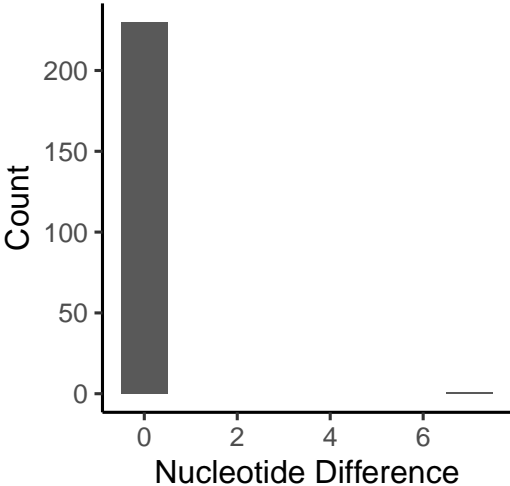
TRBV10-1*ap01

976 sequences assigned
971 (99.5%) exact matches, in which:
971 unique CDR3
14 unique J



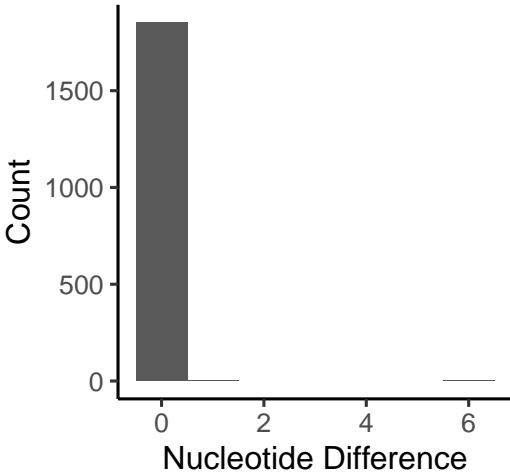
TRBV1*ap01

231 sequences assigned
230 (99.6%) exact matches, in which:
230 unique CDR3
14 unique J



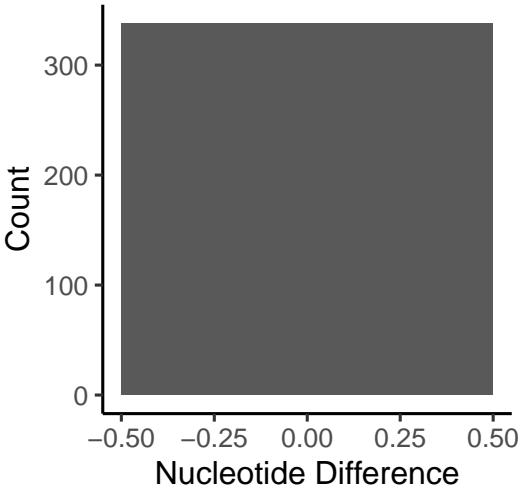
TRBV15*ap02

1855 sequences assigned
1851 (99.8%) exact matches, in which:
1850 unique CDR3
14 unique J



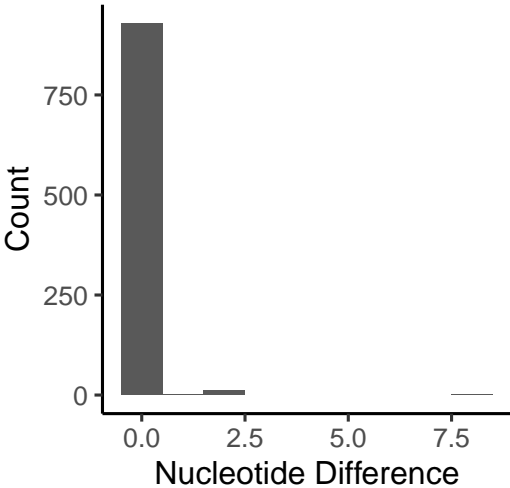
TRBV10-2*ap01

338 sequences assigned
338 (100%) exact matches, in which:
338 unique CDR3
14 unique J



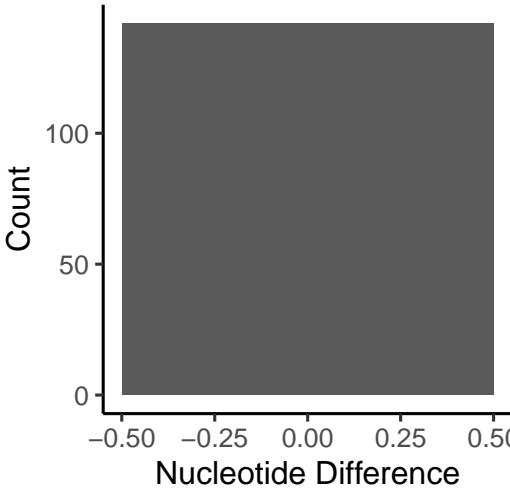
TRBV13*ap01

943 sequences assigned
929 (98.5%) exact matches, in which:
928 unique CDR3
14 unique J



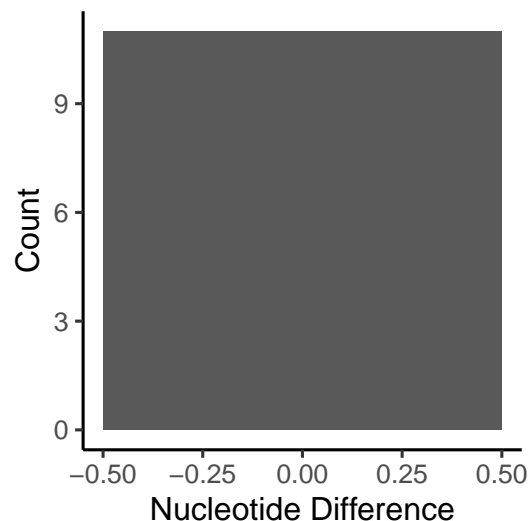
TRBV16*ap01

142 sequences assigned
142 (100%) exact matches, in which:
142 unique CDR3
14 unique J



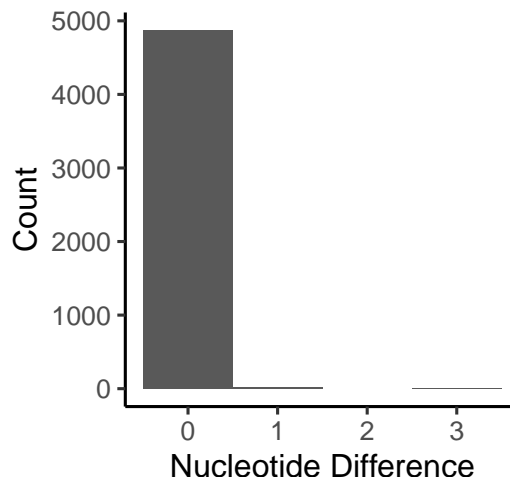
TRBV17*ap01

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



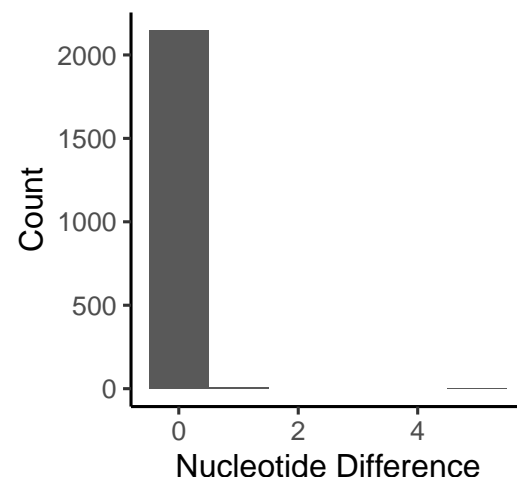
TRBV2*ap01

4885 sequences assigned
4870 (99.7%) exact matches, in which:
4857 unique CDR3
14 unique J



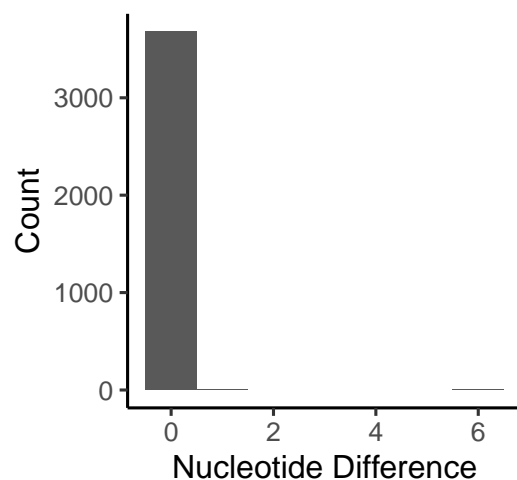
TRBV30*ap01

2158 sequences assigned
2147 (99.5%) exact matches, in which:
2143 unique CDR3
13 unique J



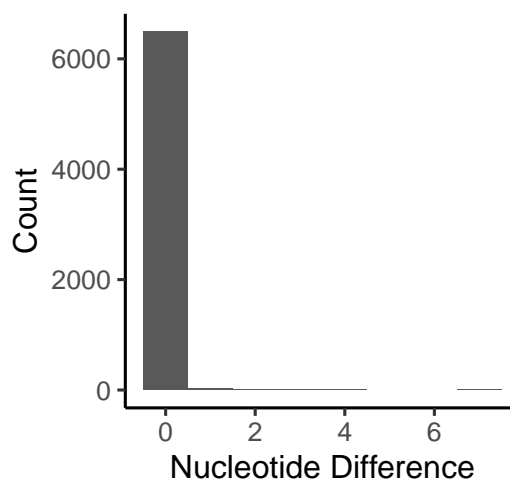
TRBV18*ap01

3682 sequences assigned
3678 (99.9%) exact matches, in which:
3677 unique CDR3
14 unique J



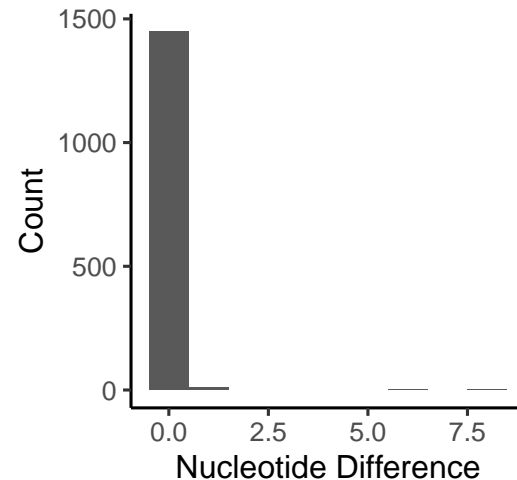
TRBV27*ap01

6519 sequences assigned
6491 (99.6%) exact matches, in which:
6473 unique CDR3
14 unique J



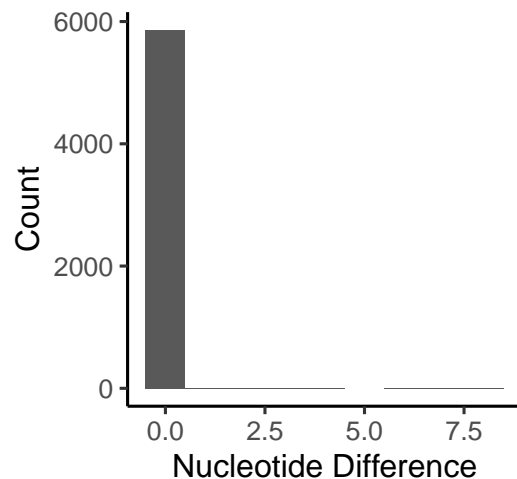
TRBV30*ap02

1459 sequences assigned
1448 (99.2%) exact matches, in which:
1444 unique CDR3
13 unique J



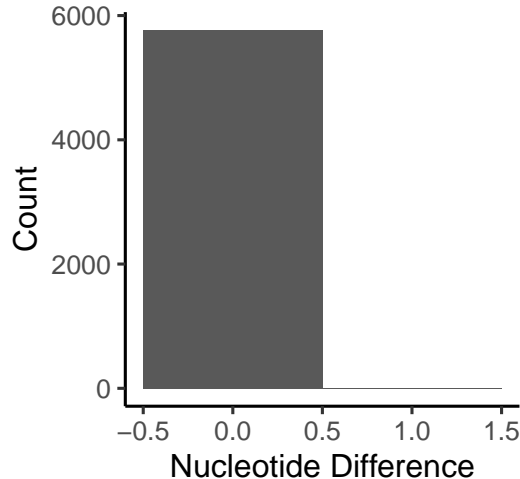
TRBV19*ap01

5878 sequences assigned
5861 (99.7%) exact matches, in which:
5859 unique CDR3
14 unique J



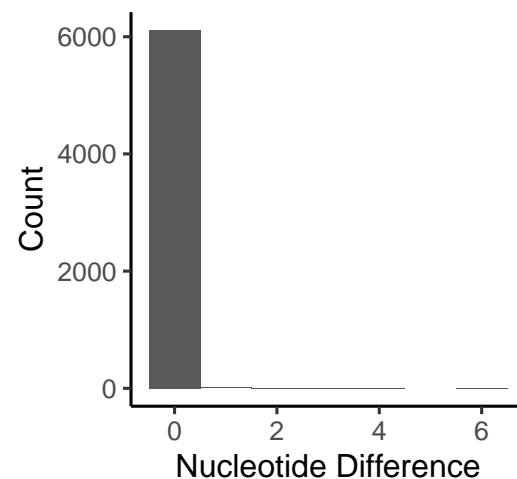
TRBV28*ap01

5774 sequences assigned
5767 (99.9%) exact matches, in which:
5767 unique CDR3
14 unique J



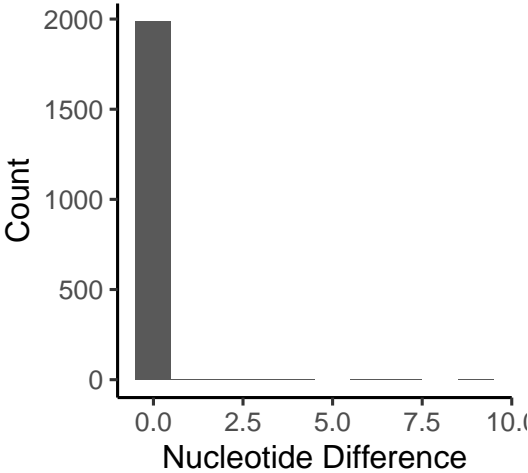
TRBV9*ap01

6130 sequences assigned
6114 (99.7%) exact matches, in which:
6106 unique CDR3
14 unique J



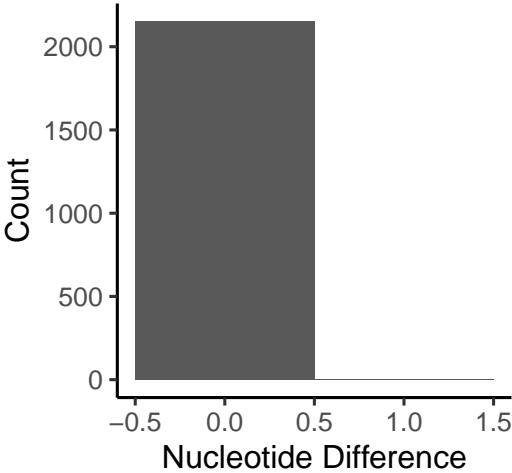
TRBV21-1*ap01

2004 sequences assigned
1987 (99.2%) exact matches, in which:
1987 unique CDR3
14 unique J



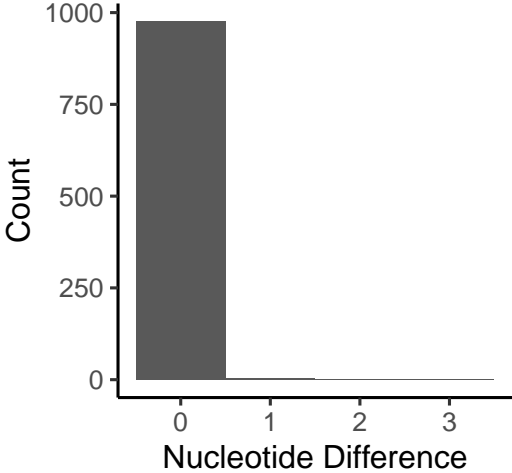
TRBV11-3*ap01

2157 sequences assigned
2152 (99.8%) exact matches, in which:
2151 unique CDR3
14 unique J



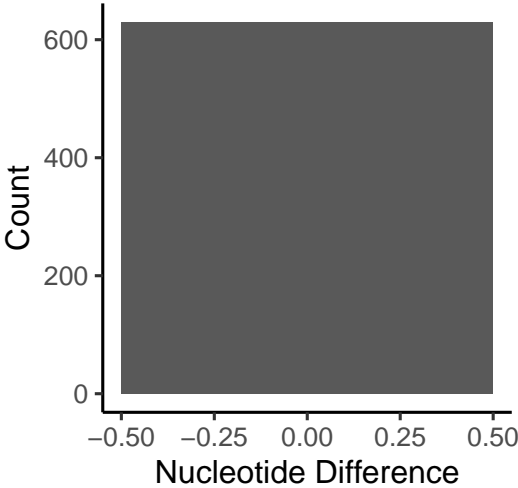
TRBV12-5*ap01

981 sequences assigned
976 (99.5%) exact matches, in which:
976 unique CDR3
14 unique J



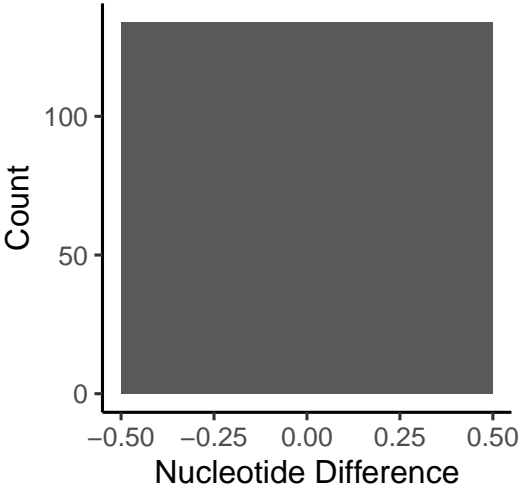
TRBV11-1*ap01

630 sequences assigned
630 (100%) exact matches, in which:
630 unique CDR3
14 unique J



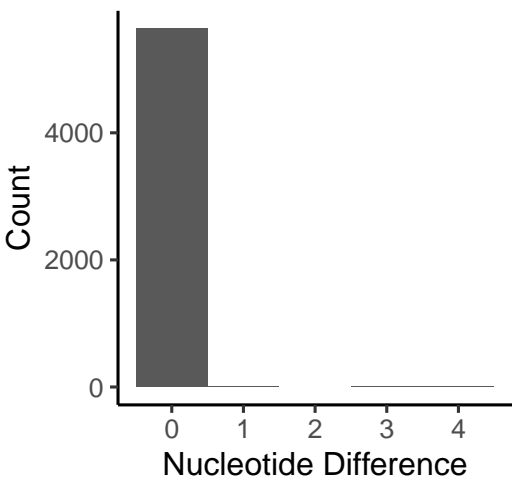
TRBV12-1*ap01

134 sequences assigned
134 (100%) exact matches, in which:
134 unique CDR3
14 unique J



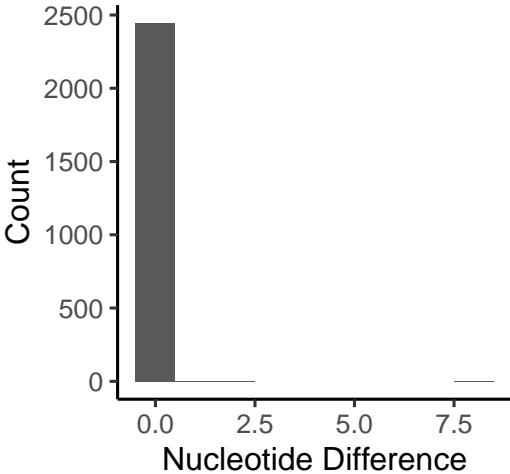
TRBV12-34*ap01

5648 sequences assigned
5638 (99.8%) exact matches, in which:
5636 unique CDR3
14 unique J



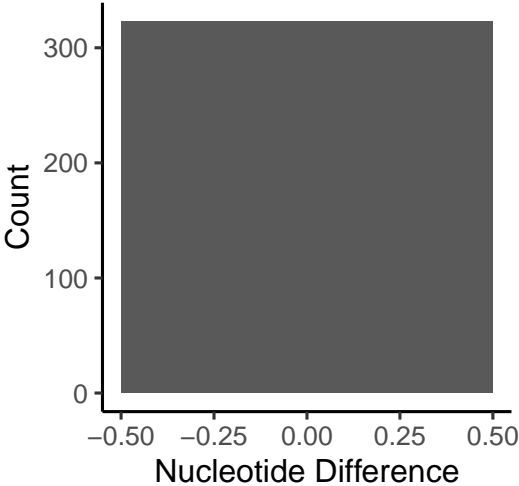
TRBV11-2*ap01

2450 sequences assigned
2445 (99.8%) exact matches, in which:
2445 unique CDR3
14 unique J



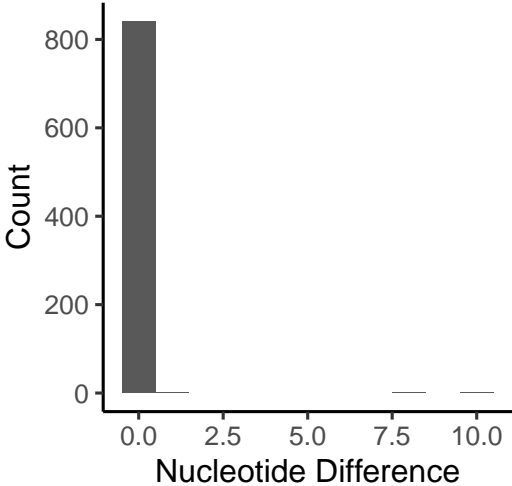
TRBV12-2*ap01

323 sequences assigned
323 (100%) exact matches, in which:
322 unique CDR3
14 unique J



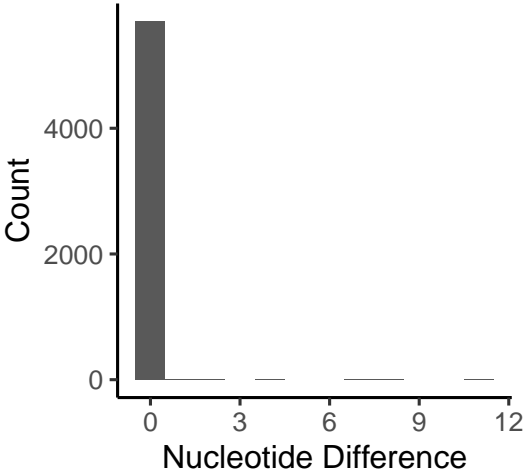
TRBV23-1*ap01

845 sequences assigned
841 (99.5%) exact matches, in which:
841 unique CDR3
14 unique J



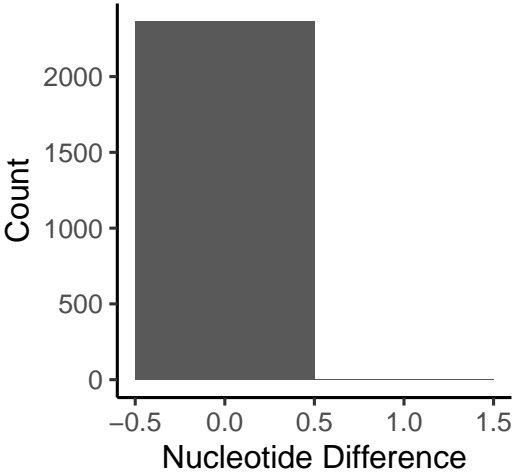
TRBV3-12*ap01

5720 sequences assigned
5700 (99.7%) exact matches, in which:
5687 unique CDR3
14 unique J



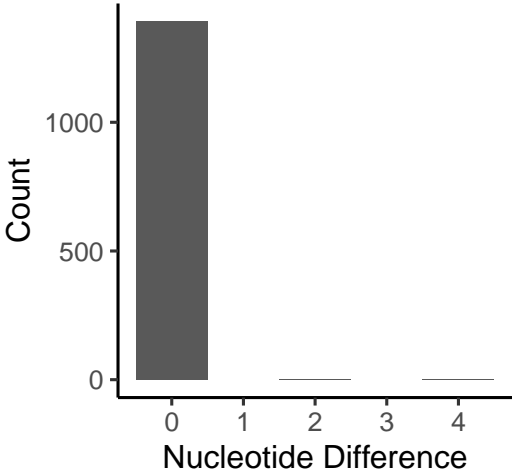
TRBV4-2*ap01

2368 sequences assigned
2364 (99.8%) exact matches, in which:
2364 unique CDR3
14 unique J



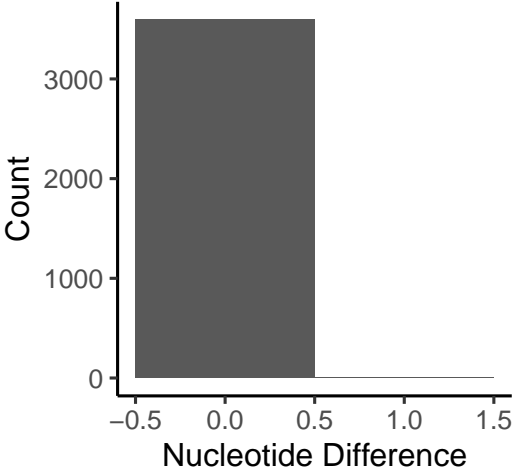
TRBV25-1*ap01

1395 sequences assigned
1392 (99.8%) exact matches, in which:
1382 unique CDR3
14 unique J



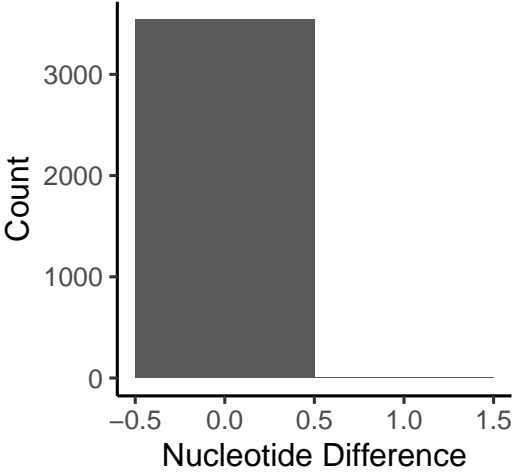
TRBV4-1*ap01

3601 sequences assigned
3594 (99.8%) exact matches, in which:
3594 unique CDR3
14 unique J



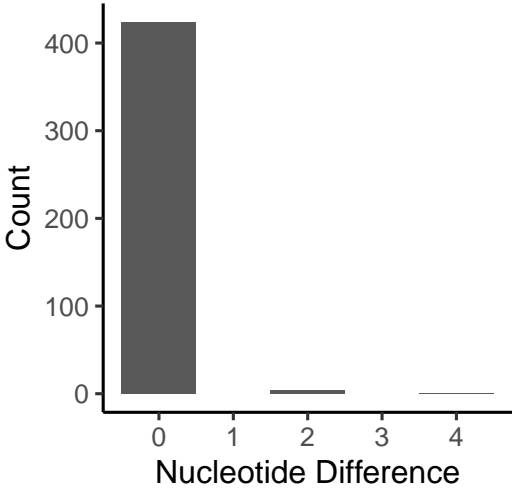
TRBV4-3*ap01

3543 sequences assigned
3540 (99.9%) exact matches, in which:
3539 unique CDR3
14 unique J



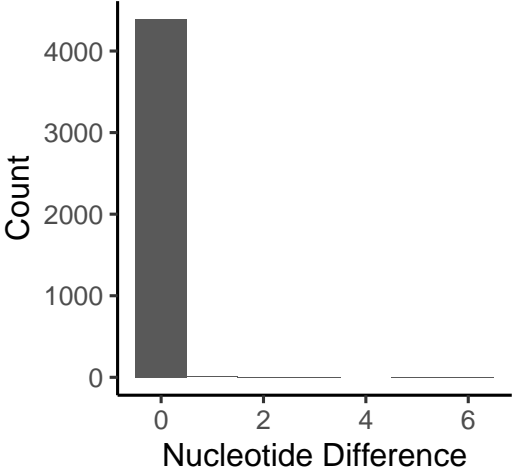
TRBV5-3*ap01

429 sequences assigned
424 (98.8%) exact matches, in which:
424 unique CDR3
14 unique J



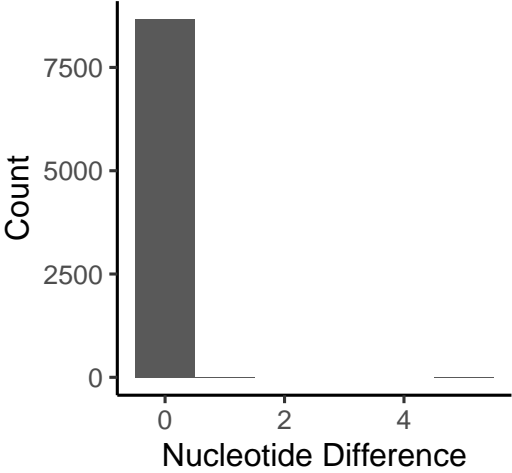
TRBV24-1*ap01

4409 sequences assigned
4392 (99.6%) exact matches, in which:
4386 unique CDR3
14 unique J



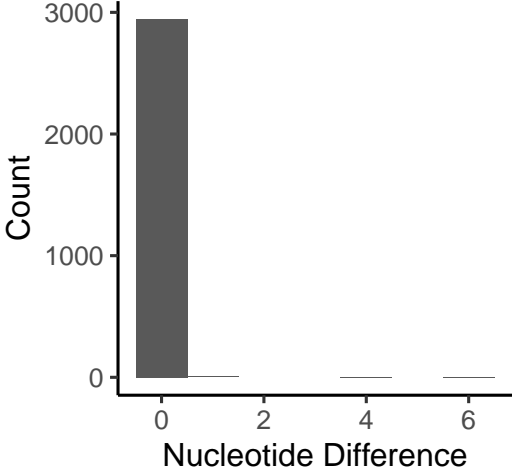
TRBV5-1*ap01

8680 sequences assigned
8671 (99.9%) exact matches, in which:
8656 unique CDR3
14 unique J



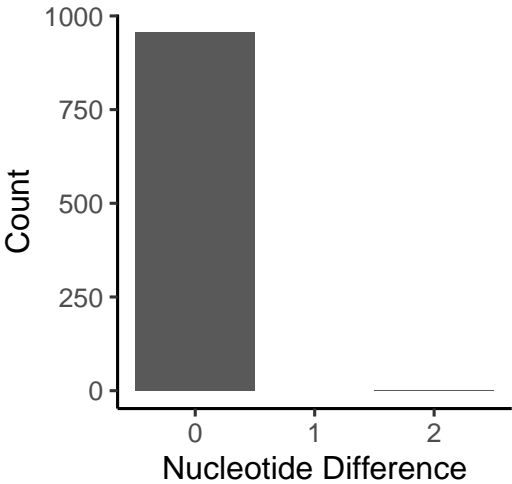
TRBV5-4*ap01

2955 sequences assigned
2945 (99.7%) exact matches, in which:
2945 unique CDR3
14 unique J



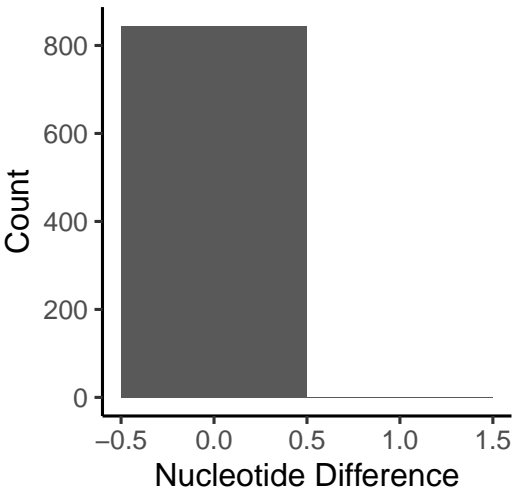
TRBV5-5*ap01

957 sequences assigned
956 (99.9%) exact matches, in which:
955 unique CDR3
14 unique J



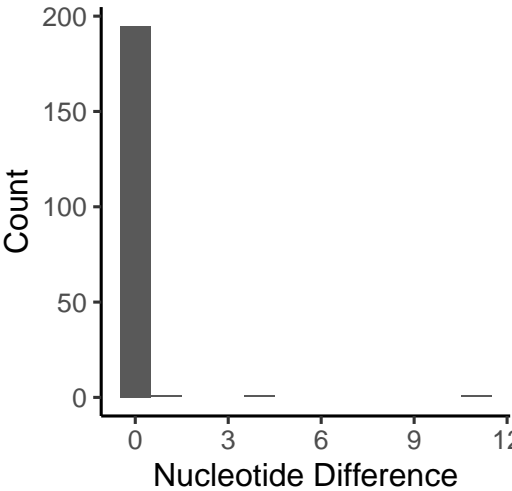
TRBV5-8*ap01

846 sequences assigned
845 (99.9%) exact matches, in which:
845 unique CDR3
14 unique J



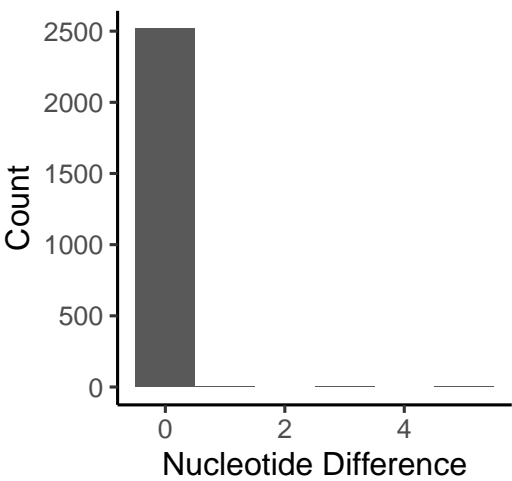
TRBV6-7*ap01

198 sequences assigned
195 (98.5%) exact matches, in which:
195 unique CDR3
14 unique J



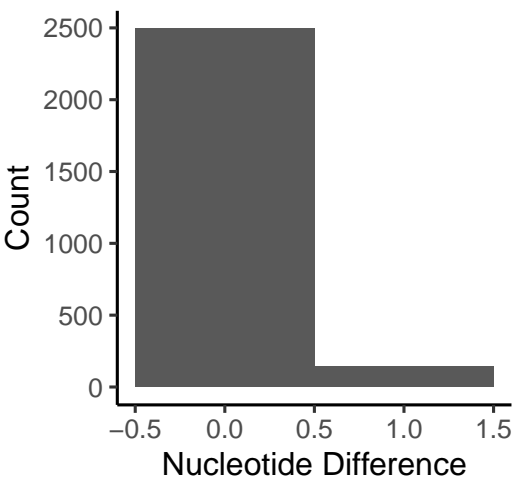
TRBV5-6*ap01

2526 sequences assigned
2517 (99.6%) exact matches, in which:
2508 unique CDR3
14 unique J



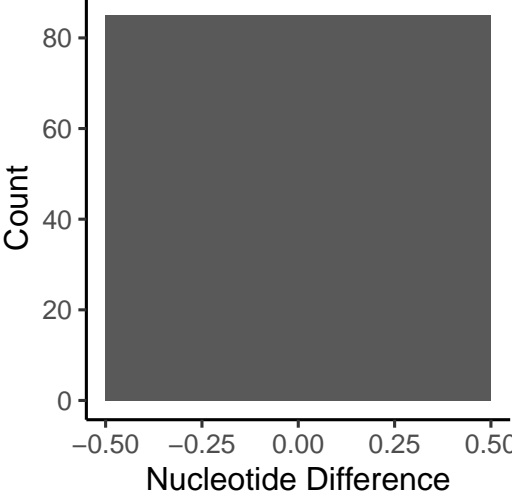
TRBV6-1*ap01

2639 sequences assigned
2494 (94.5%) exact matches, in which:
2489 unique CDR3
14 unique J



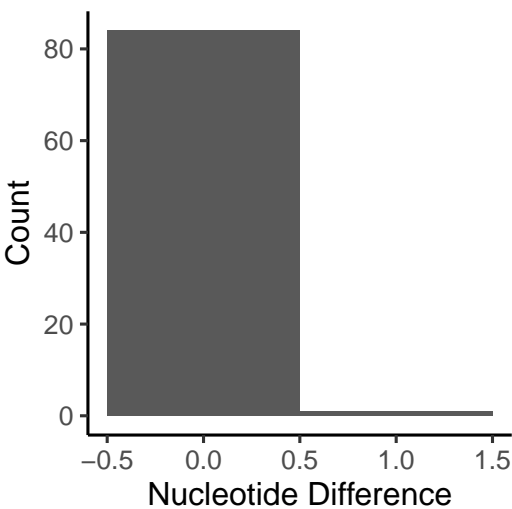
TRBV6-8*ap01

85 sequences assigned
85 (100%) exact matches, in which:
85 unique CDR3
14 unique J



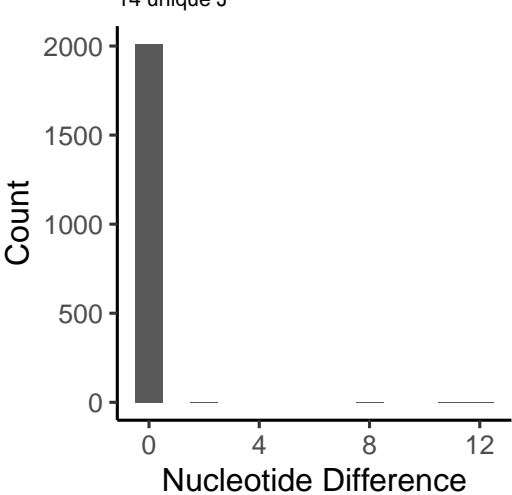
TRBV5-7*ap01

85 sequences assigned
84 (98.8%) exact matches, in which:
84 unique CDR3
11 unique J



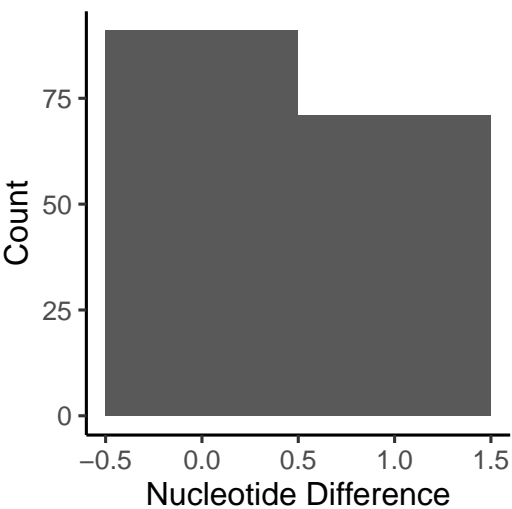
TRBV6-4*ap01

2015 sequences assigned
2011 (99.8%) exact matches, in which:
2009 unique CDR3
14 unique J



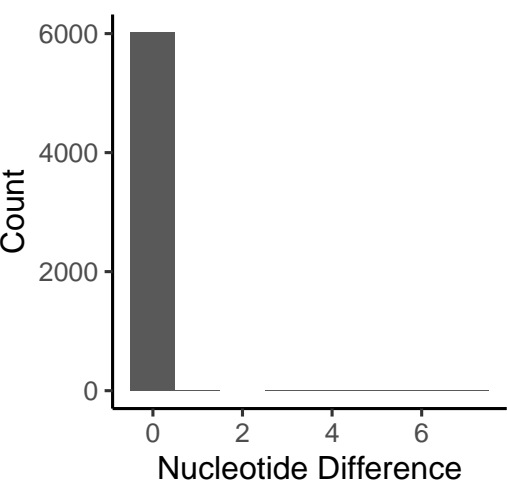
TRBV6-9*ap01

162 sequences assigned
91 (56.2%) exact matches, in which:
91 unique CDR3
13 unique J



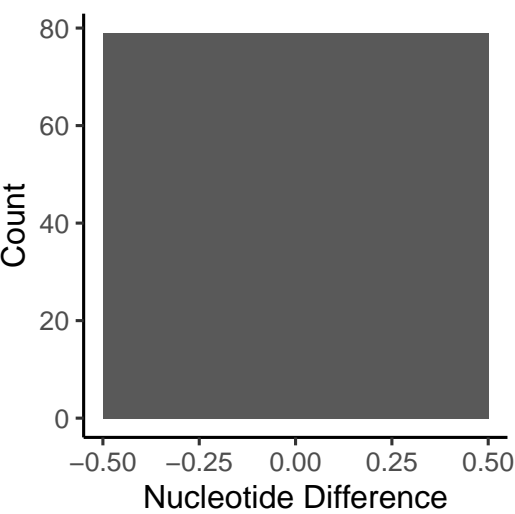
TRBV6-23*ap01

6042 sequences assigned
6020 (99.6%) exact matches, in which:
6002 unique CDR3
14 unique J



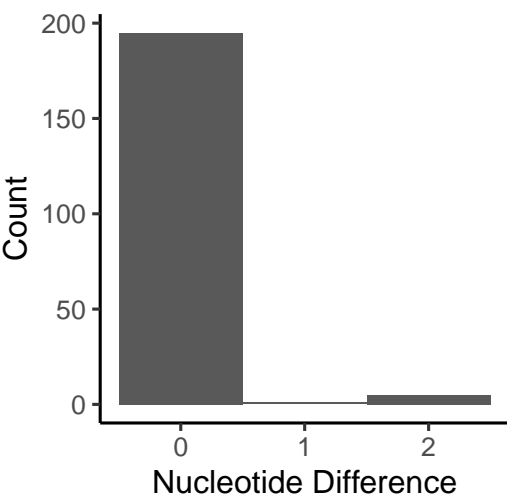
TRBV7-1*ap01_G291C_T

79 sequences assigned
79 (100%) exact matches, in which:
79 unique CDR3
13 unique J



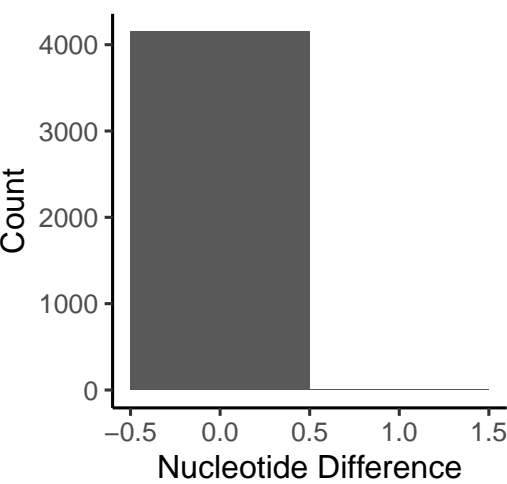
TRBV7-4*ap01

201 sequences assigned
195 (97%) exact matches, in which:
195 unique CDR3
14 unique J



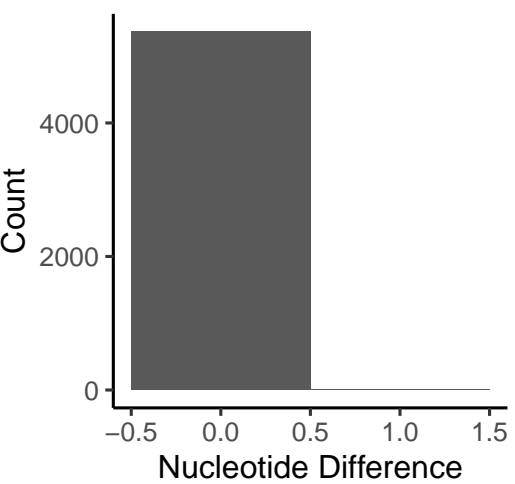
TRBV6-56*ap01

4155 sequences assigned
4150 (99.9%) exact matches, in which:
4143 unique CDR3
14 unique J



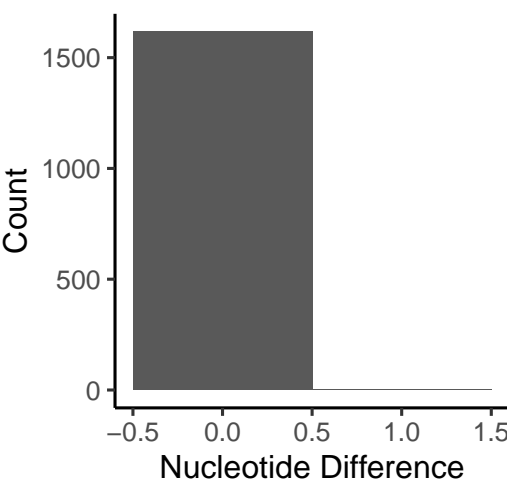
TRBV7-2*ap01

5372 sequences assigned
5367 (99.9%) exact matches, in which:
5367 unique CDR3
14 unique J



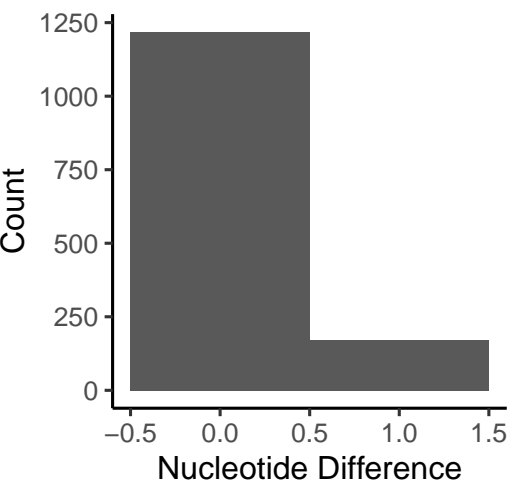
TRBV7-6*ap01

1620 sequences assigned
1617 (99.8%) exact matches, in which:
1616 unique CDR3
14 unique J



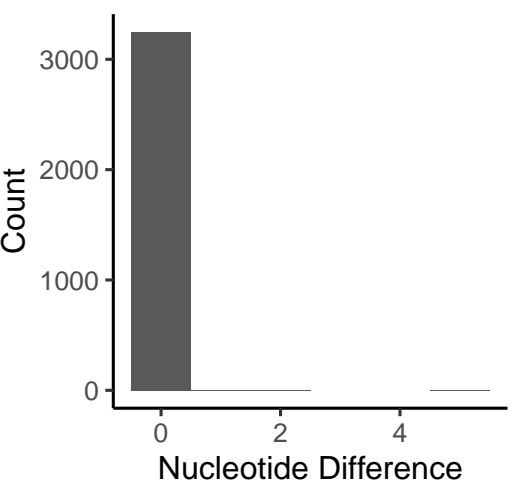
TRBV6-56*ap02

1390 sequences assigned
1218 (87.6%) exact matches, in which:
1218 unique CDR3
14 unique J



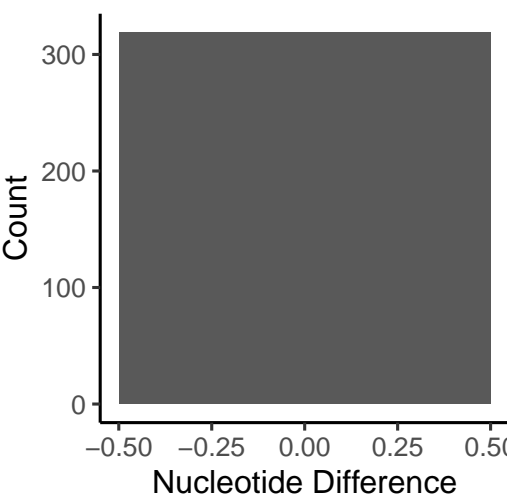
TRBV7-3*ap01

3253 sequences assigned
3247 (99.8%) exact matches, in which:
3245 unique CDR3
14 unique J



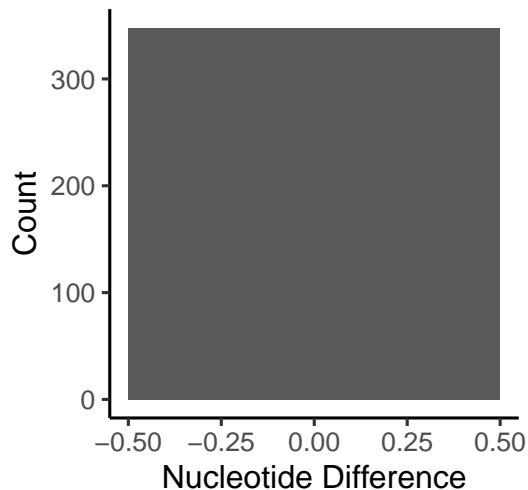
TRBV7-7*ap01

319 sequences assigned
319 (100%) exact matches, in which:
319 unique CDR3
13 unique J



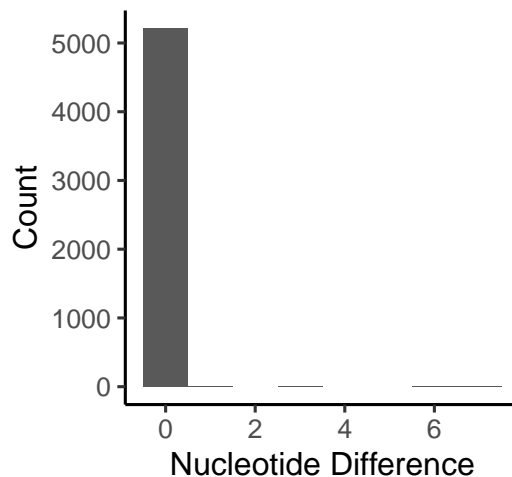
TRBV7-7*ap01_C315T

348 sequences assigned
348 (100%) exact matches, in which:
348 unique CDR3
13 unique J



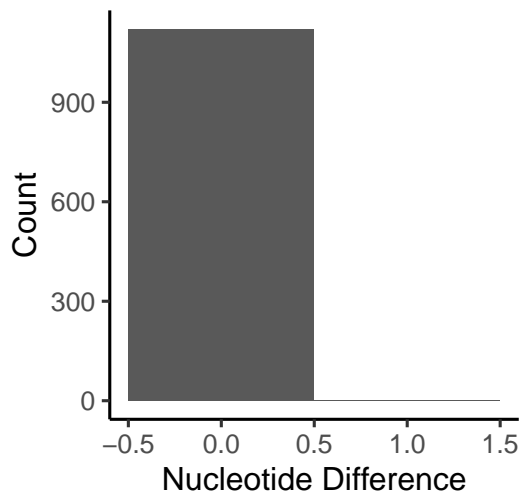
TRBV7-9*ap01

5220 sequences assigned
5212 (99.8%) exact matches, in which:
5211 unique CDR3
14 unique J



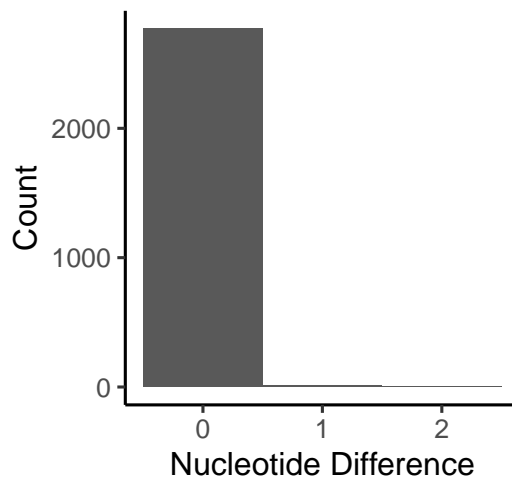
TRBV7-8*ap01

1123 sequences assigned
1121 (99.8%) exact matches, in which:
1120 unique CDR3
14 unique J



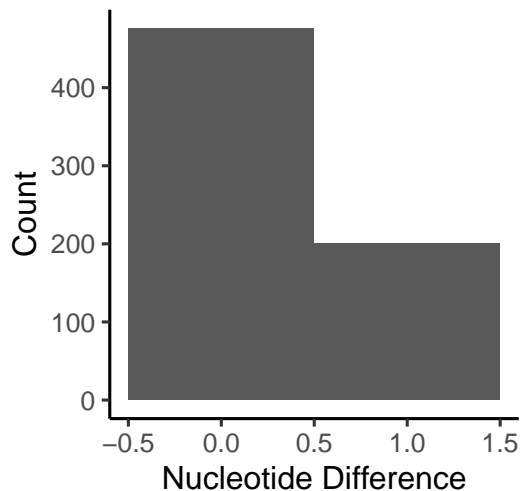
TRBV29-1*ap01

2783 sequences assigned
2770 (99.5%) exact matches, in which:
2766 unique CDR3
15 unique J



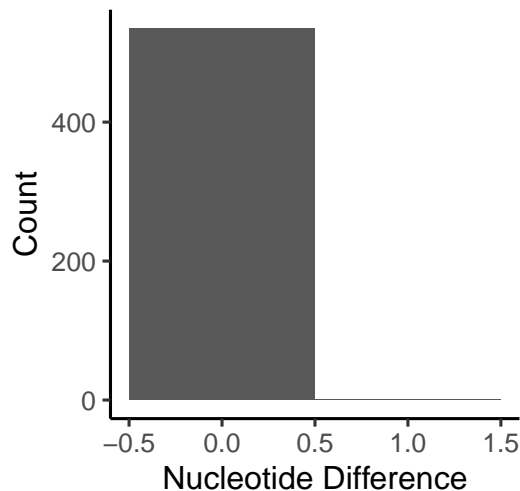
TRBV7-8*ap03

676 sequences assigned
476 (70.4%) exact matches, in which:
476 unique CDR3
14 unique J

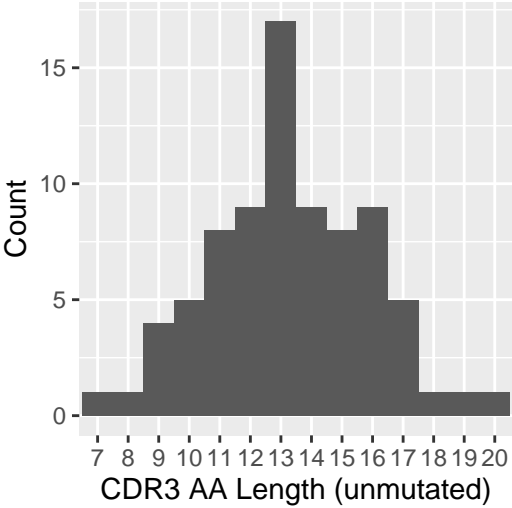


TRBV29-1*ap02

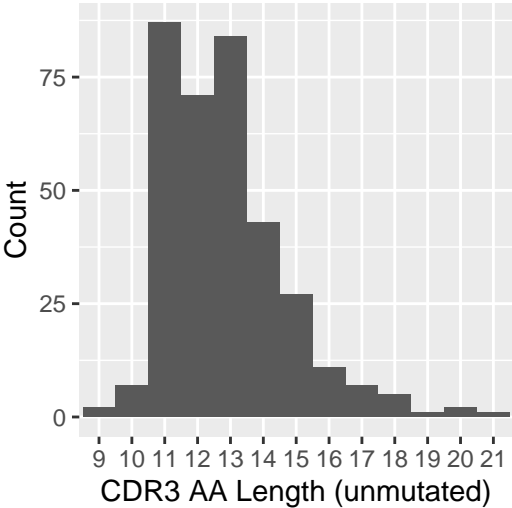
536 sequences assigned
535 (99.8%) exact matches, in which:
533 unique CDR3
14 unique J

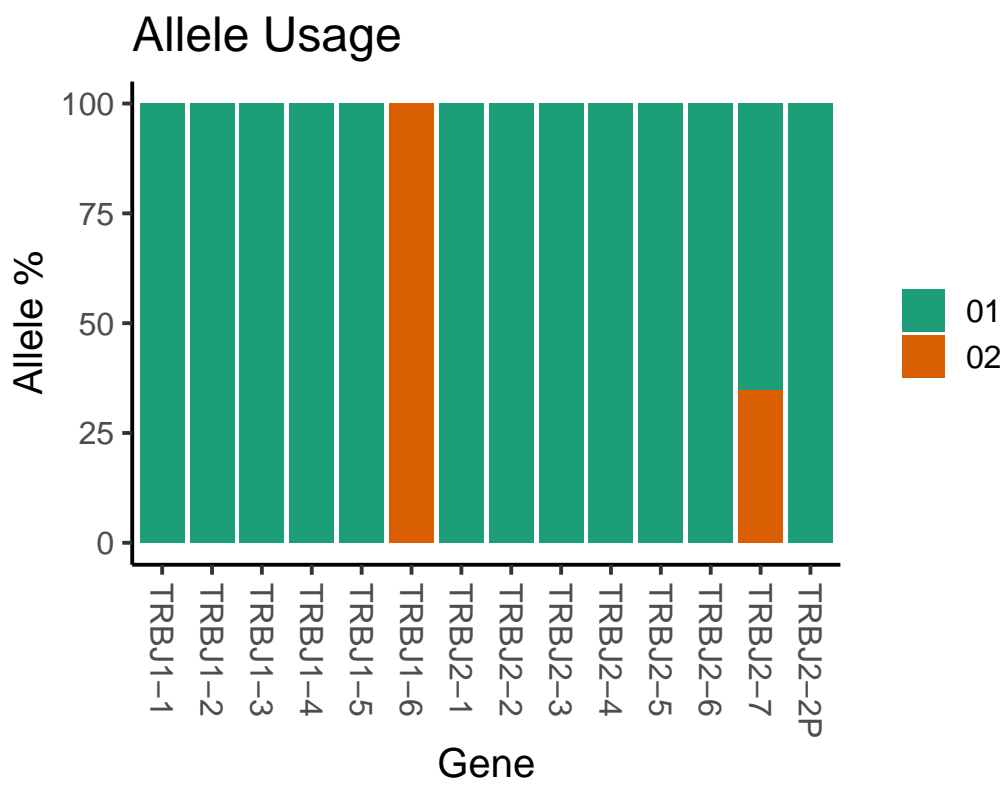


TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-7*ap01_C315T





Sequence Count by TRBJ2-7 allele usage

