

Gene TRBV7-1*ap01_G291C_T296C_C314T



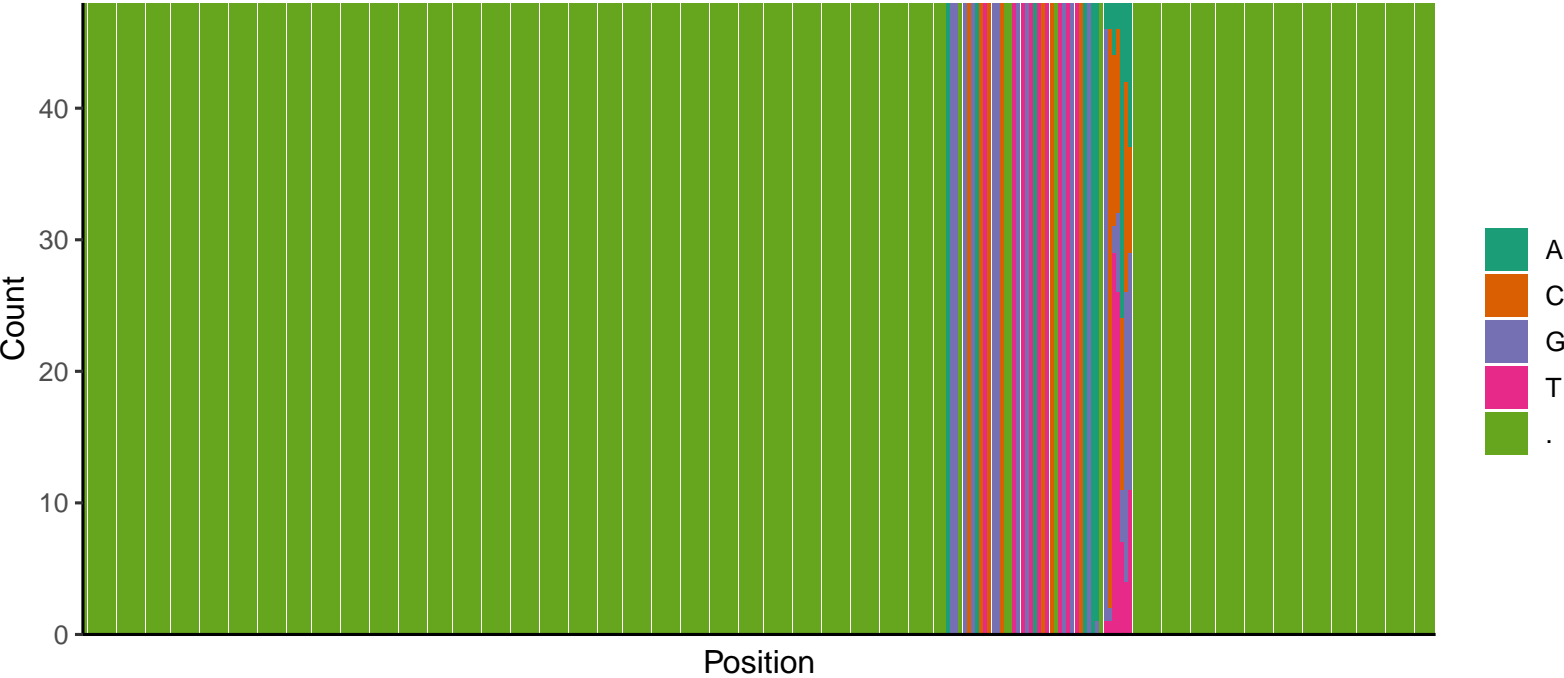
Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C_C314T



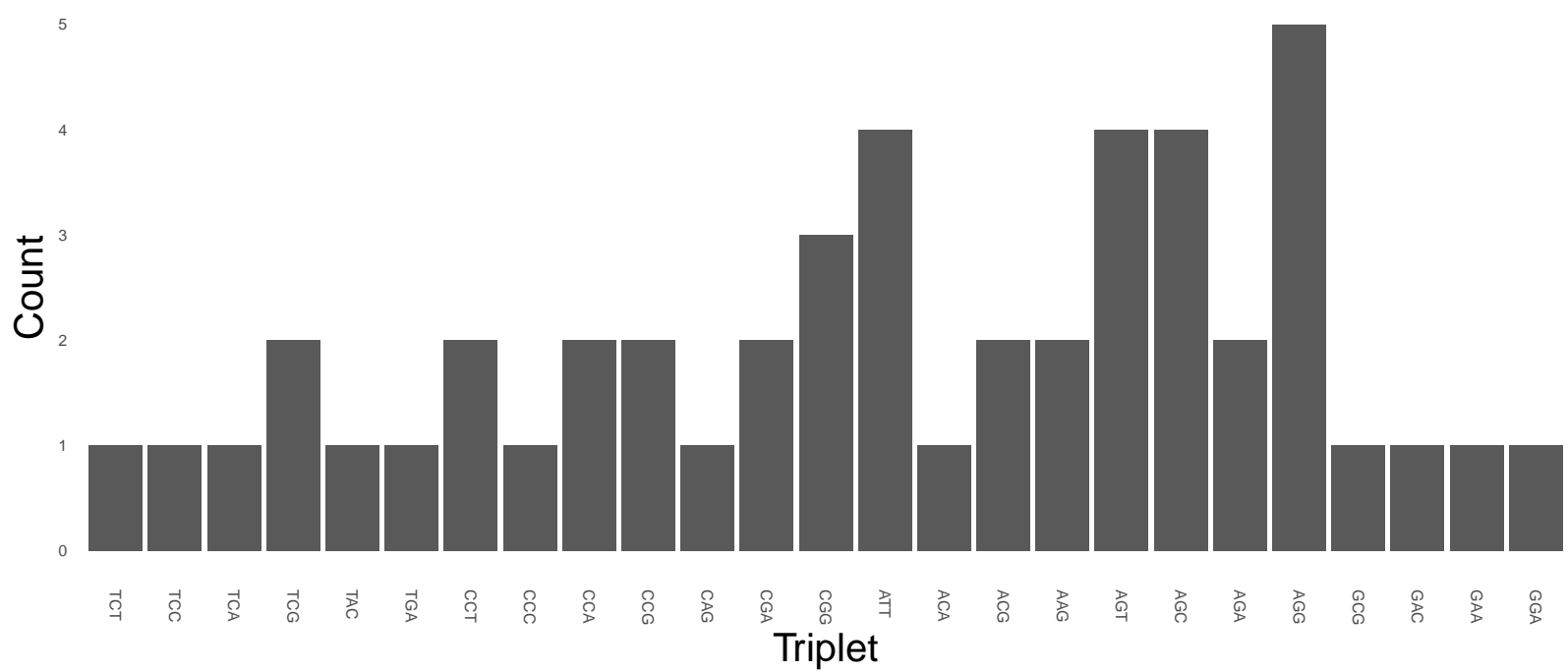
Gene TRBV7-1*ap01_G291C_T296C



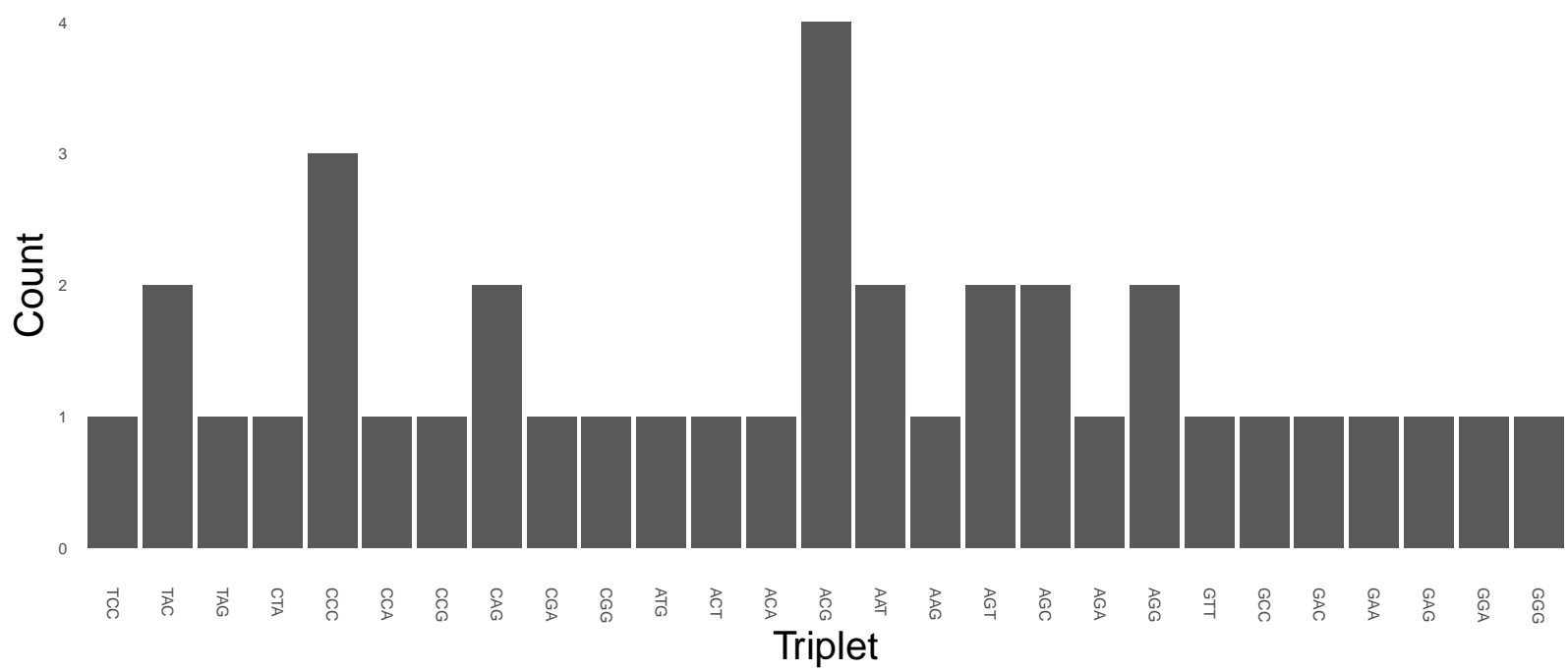
Gene TRBV7-7*ap01_C315T



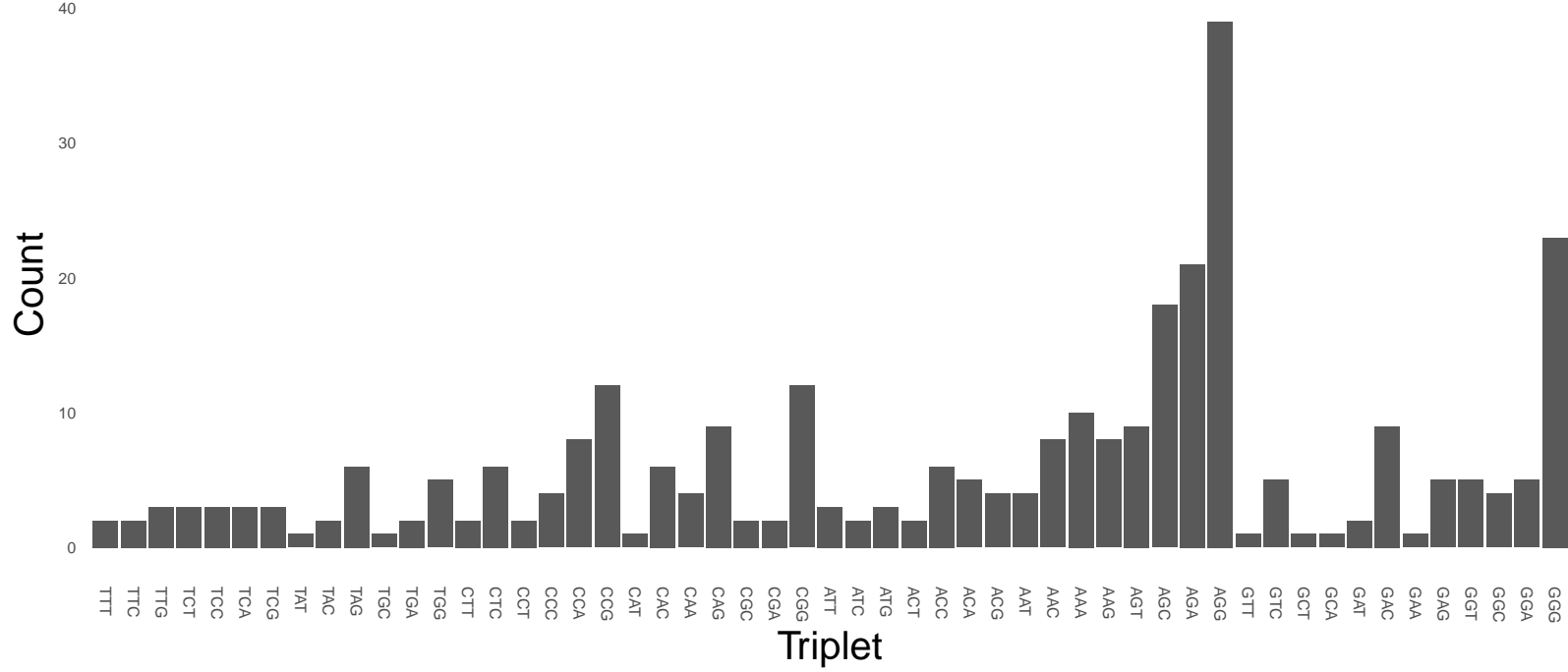
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet

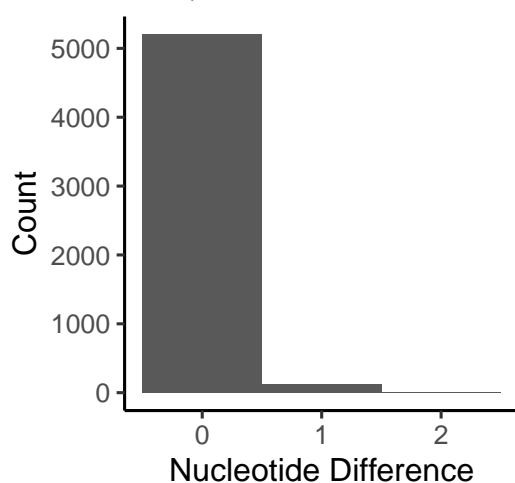


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



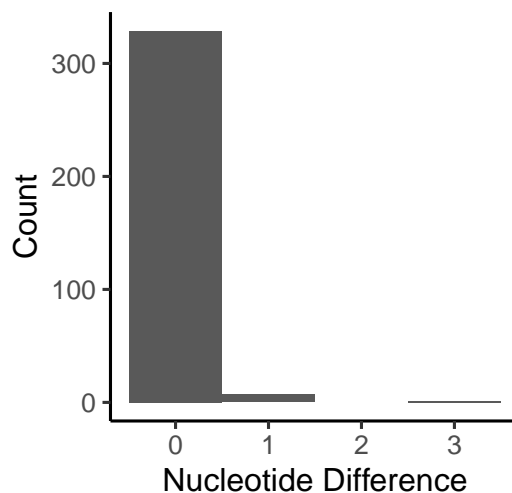
TRBV20-1*ap01

5328 sequences assigned
5203 (97.7%) exact matches, in which:
5083 unique CDR3
14 unique J



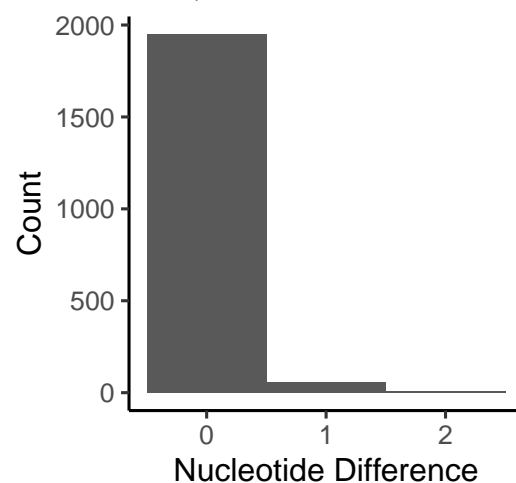
TRBV10-2*ap01

337 sequences assigned
329 (97.6%) exact matches, in which:
322 unique CDR3
14 unique J



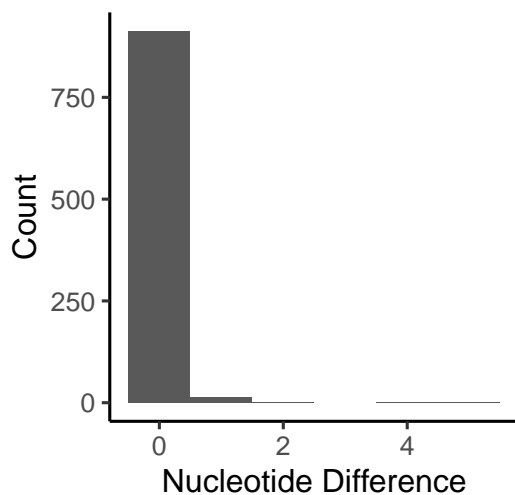
TRBV13*ap01

2015 sequences assigned
1949 (96.7%) exact matches, in which:
1919 unique CDR3
14 unique J



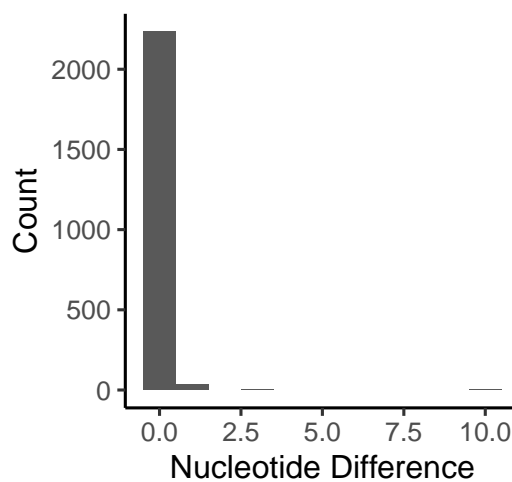
TRBV10-1*ap01

929 sequences assigned
913 (98.3%) exact matches, in which:
908 unique CDR3
14 unique J



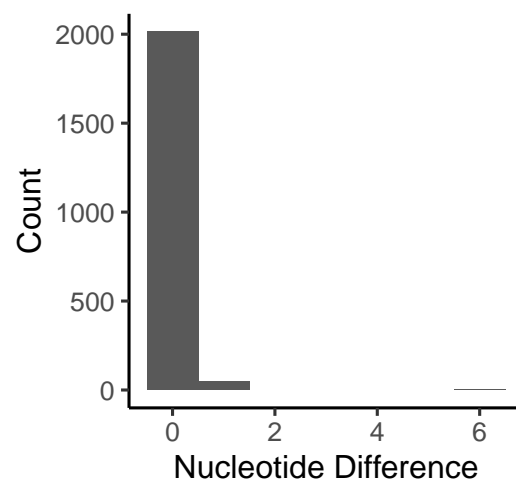
TRBV10-3*ap01

2272 sequences assigned
2234 (98.3%) exact matches, in which:
2211 unique CDR3
14 unique J



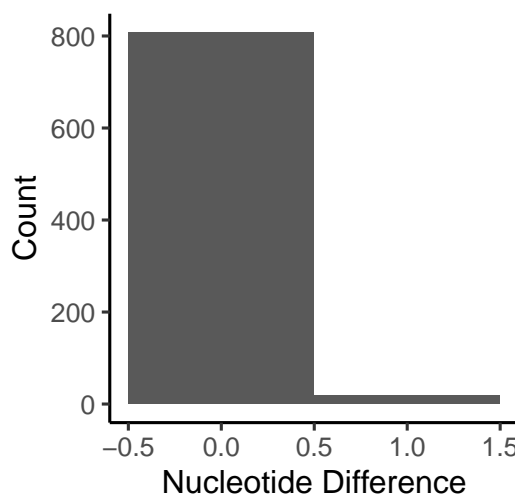
TRBV14*ap01

2064 sequences assigned
2014 (97.6%) exact matches, in which:
1991 unique CDR3
14 unique J



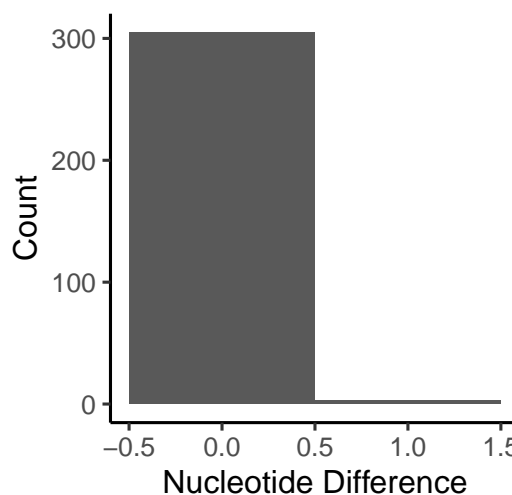
TRBV20-1*ap02

826 sequences assigned
808 (97.8%) exact matches, in which:
782 unique CDR3
14 unique J



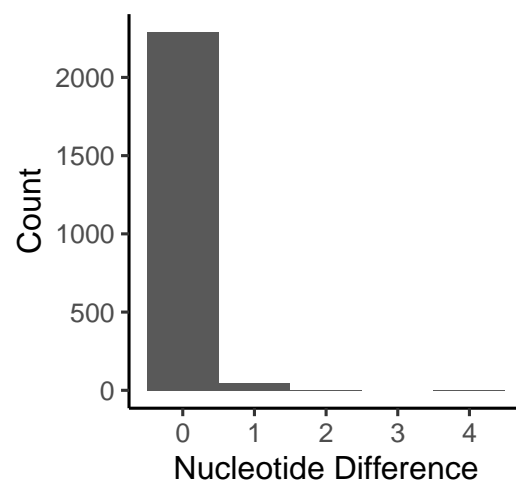
TRBV1*ap01

308 sequences assigned
305 (99%) exact matches, in which:
299 unique CDR3
14 unique J



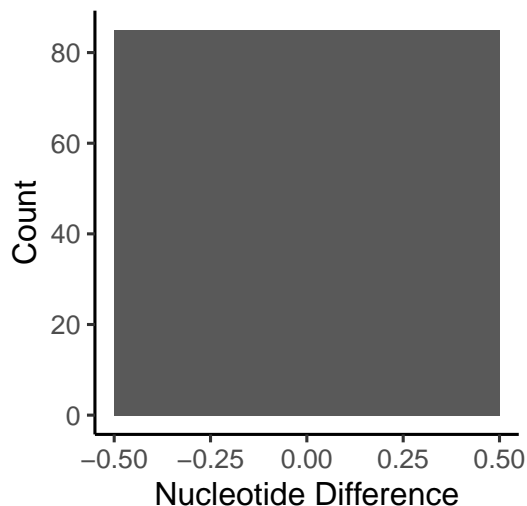
TRBV15*ap02

2340 sequences assigned
2290 (97.9%) exact matches, in which:
2267 unique CDR3
14 unique J



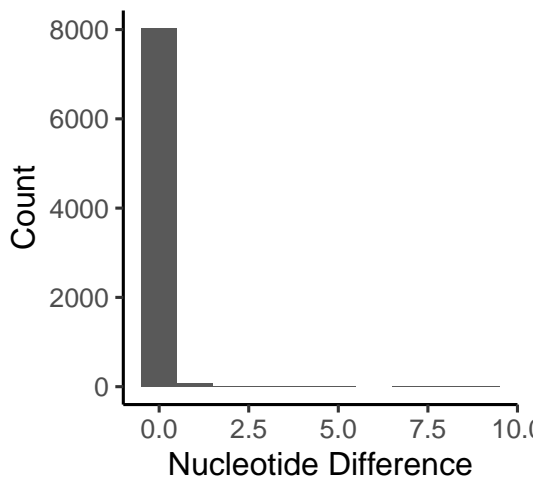
TRBV16*ap01

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



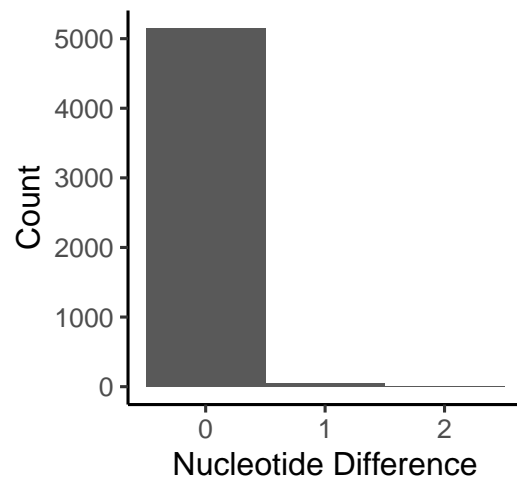
TRBV19*ap01

8116 sequences assigned
8026 (98.9%) exact matches, in which:
7932 unique CDR3
14 unique J



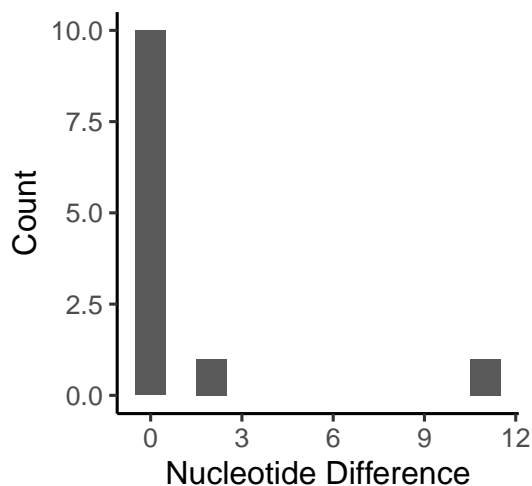
TRBV28*ap01

5194 sequences assigned
5147 (99.1%) exact matches, in which:
5094 unique CDR3
14 unique J



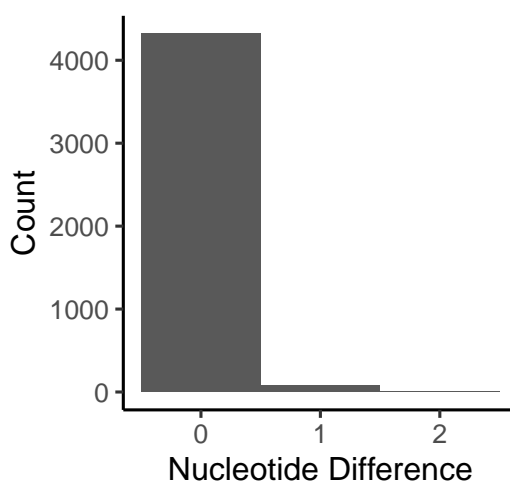
TRBV17*ap01

12 sequences assigned
10 (83.3%) exact matches, in which:
10 unique CDR3
7 unique J



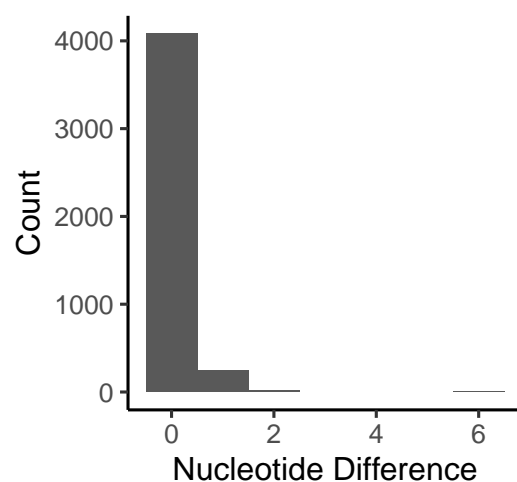
TRBV2*ap01

4405 sequences assigned
4320 (98.1%) exact matches, in which:
4289 unique CDR3
14 unique J



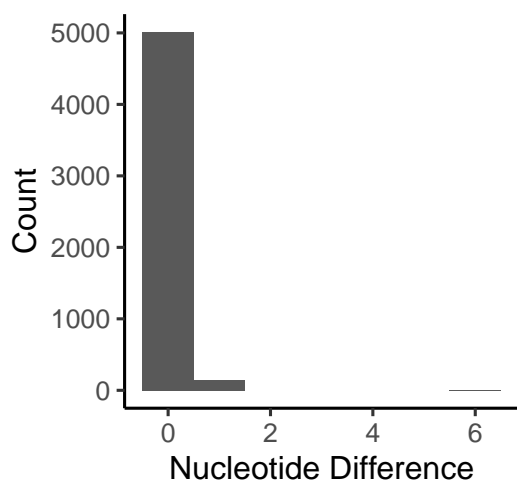
TRBV30*ap02

4338 sequences assigned
4081 (94.1%) exact matches, in which:
3826 unique CDR3
14 unique J



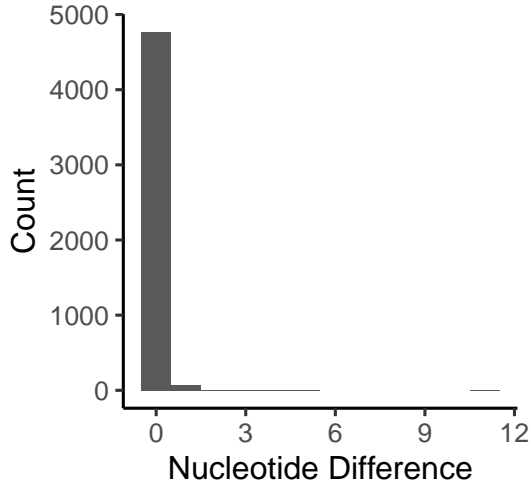
TRBV18*ap01

5160 sequences assigned
5012 (97.1%) exact matches, in which:
4888 unique CDR3
14 unique J



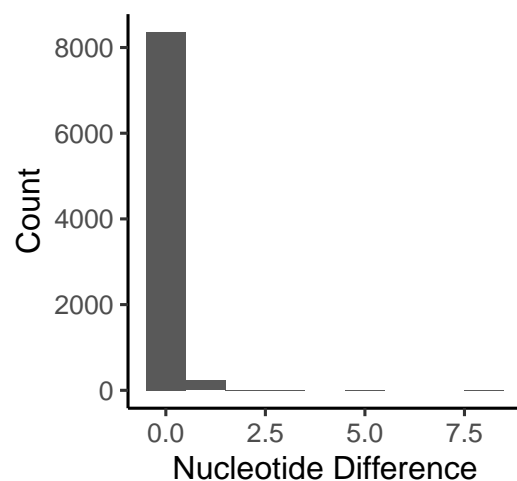
TRBV27*ap01

4848 sequences assigned
4767 (98.3%) exact matches, in which:
4729 unique CDR3
14 unique J



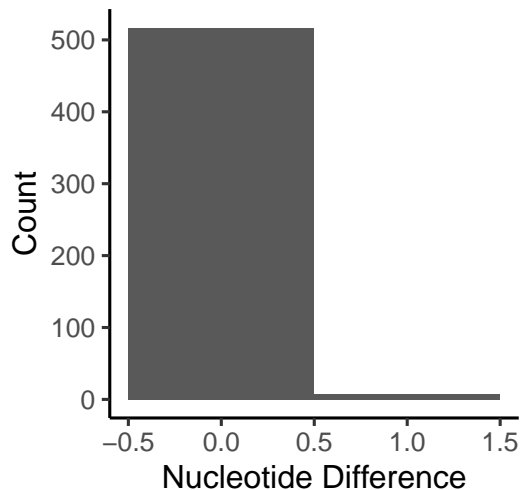
TRBV9*ap01

8604 sequences assigned
8361 (97.2%) exact matches, in which:
8258 unique CDR3
14 unique J



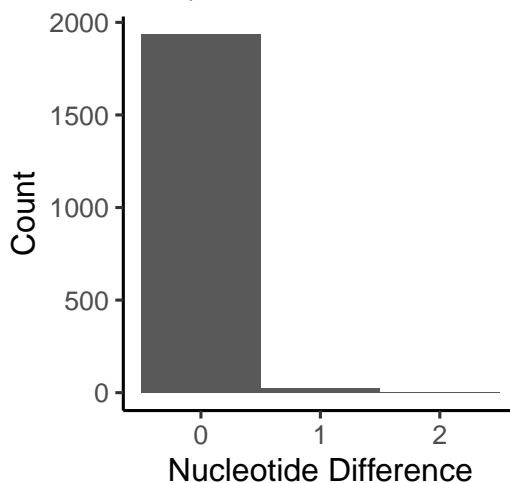
TRBV11–1*ap01

524 sequences assigned
517 (98.7%) exact matches, in which:
508 unique CDR3
14 unique J



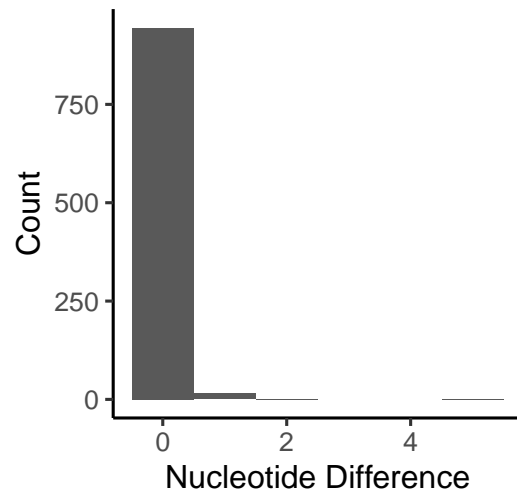
TRBV11–3*ap01

1958 sequences assigned
1935 (98.8%) exact matches, in which:
1920 unique CDR3
14 unique J



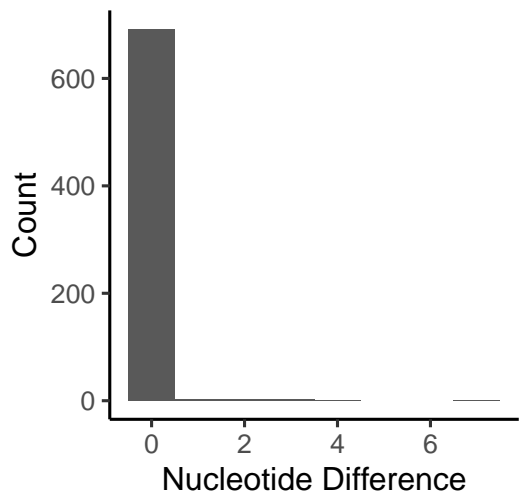
TRBV12–5*ap01

963 sequences assigned
945 (98.1%) exact matches, in which:
933 unique CDR3
14 unique J



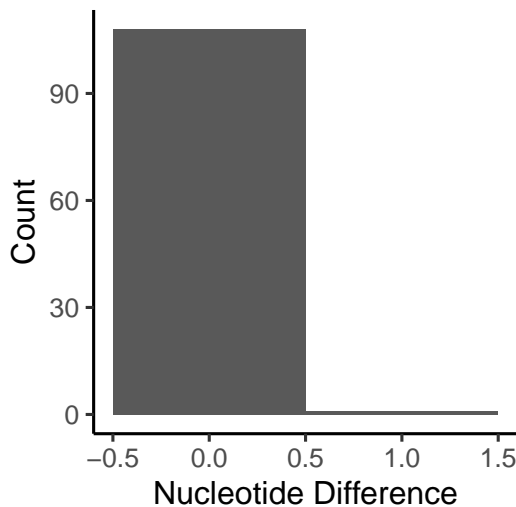
TRBV21–1*ap01

702 sequences assigned
692 (98.6%) exact matches, in which:
690 unique CDR3
14 unique J



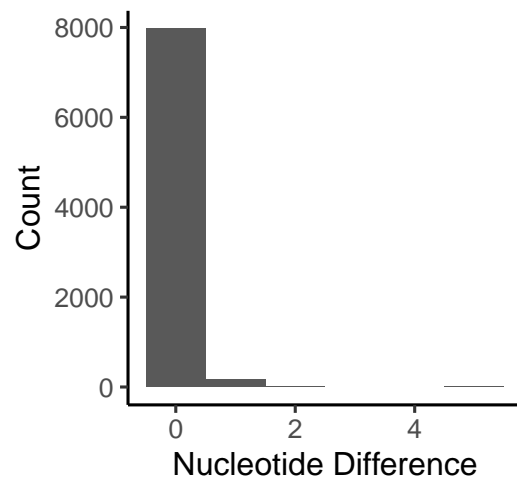
TRBV12–1*ap01

109 sequences assigned
108 (99.1%) exact matches, in which:
105 unique CDR3
13 unique J



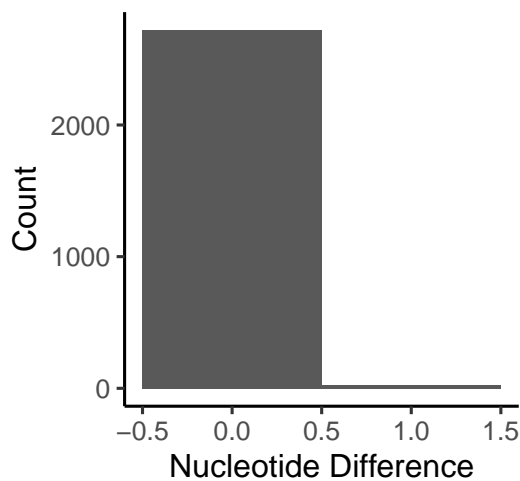
TRBV12–34*ap01

8147 sequences assigned
7972 (97.9%) exact matches, in which:
7874 unique CDR3
14 unique J



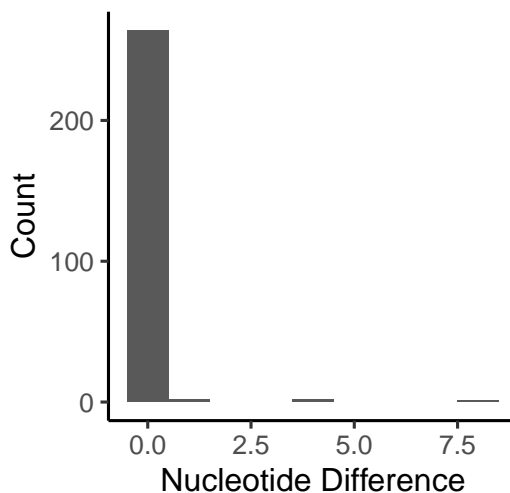
TRBV11–2*ap01

2747 sequences assigned
2721 (99.1%) exact matches, in which:
2692 unique CDR3
14 unique J



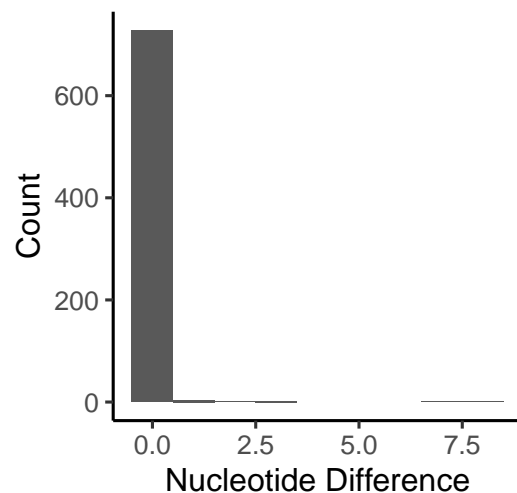
TRBV12–2*ap01

269 sequences assigned
264 (98.1%) exact matches, in which:
262 unique CDR3
14 unique J



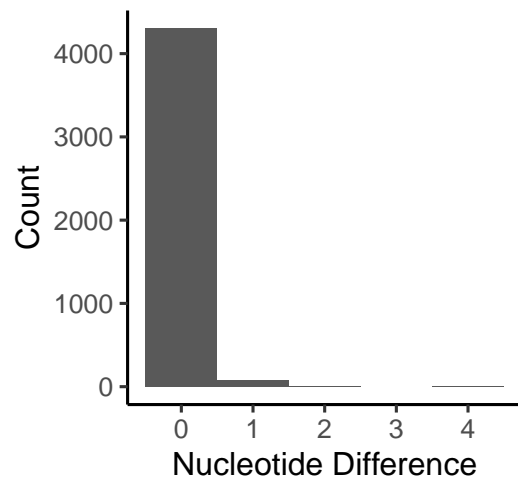
TRBV23–1*ap01

737 sequences assigned
728 (98.8%) exact matches, in which:
724 unique CDR3
14 unique J



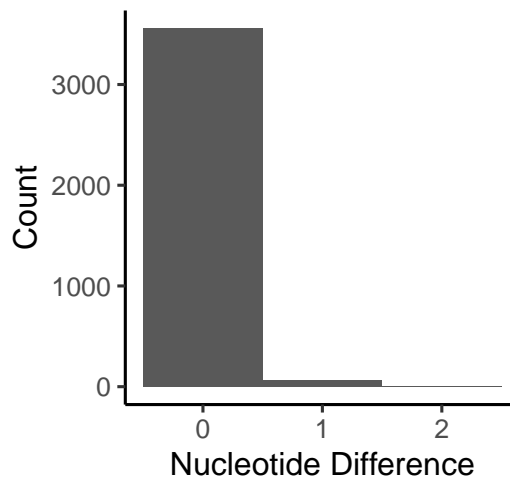
TRBV3-12*ap01

4388 sequences assigned
4303 (98.1%) exact matches, in which:
4259 unique CDR3
14 unique J



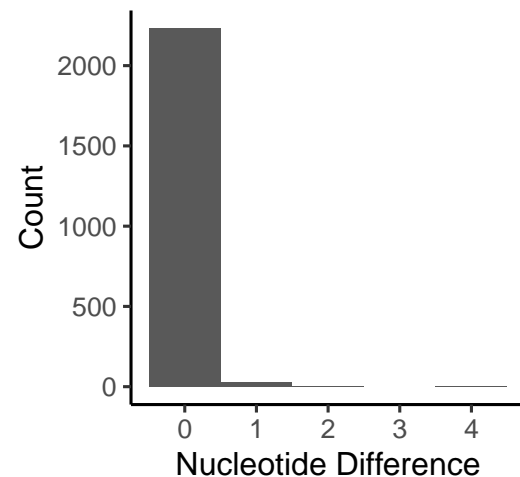
TRBV4-2*ap01

3619 sequences assigned
3557 (98.3%) exact matches, in which:
3469 unique CDR3
14 unique J



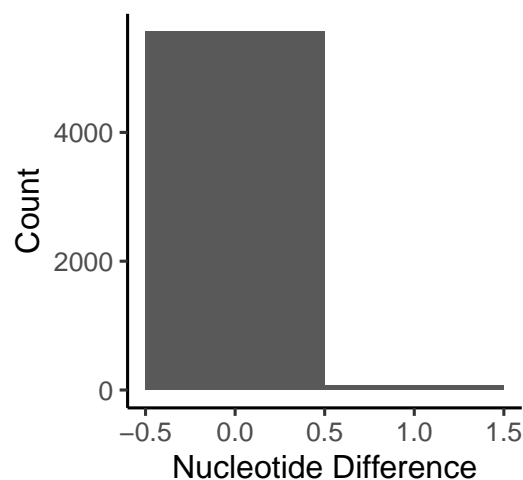
TRBV25-1*ap01

2263 sequences assigned
2232 (98.6%) exact matches, in which:
2188 unique CDR3
14 unique J



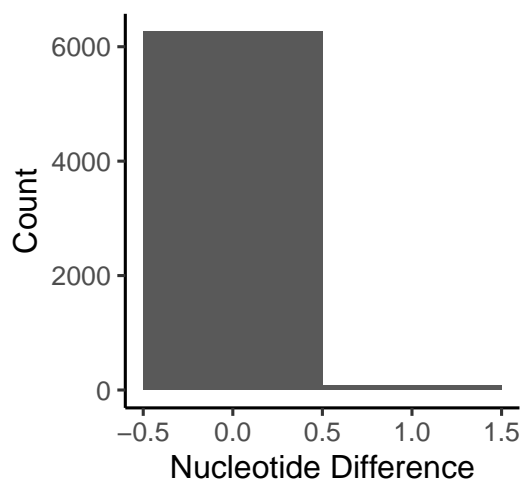
TRBV4-1*ap01

5638 sequences assigned
5563 (98.7%) exact matches, in which:
5430 unique CDR3
14 unique J



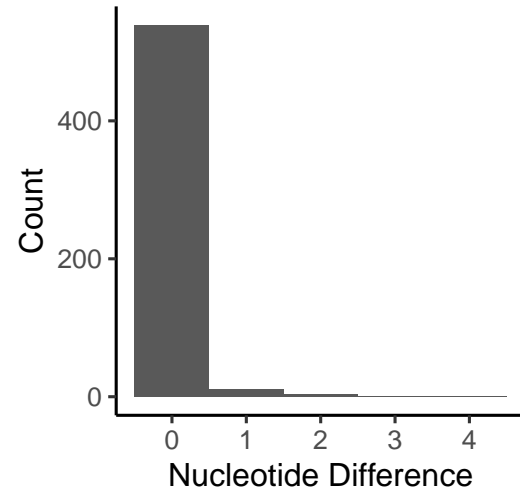
TRBV4-3*ap01

6335 sequences assigned
6262 (98.8%) exact matches, in which:
6121 unique CDR3
14 unique J



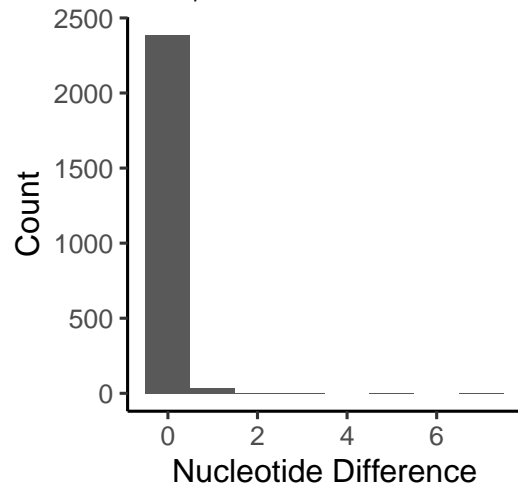
TRBV5-3*ap01

555 sequences assigned
539 (97.1%) exact matches, in which:
525 unique CDR3
14 unique J



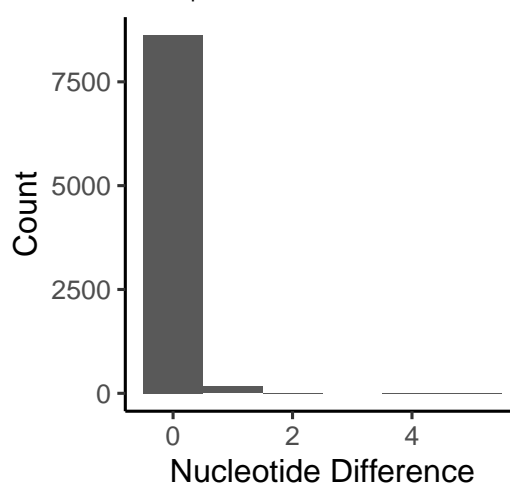
TRBV24-1*ap01

2425 sequences assigned
2386 (98.4%) exact matches, in which:
2351 unique CDR3
14 unique J



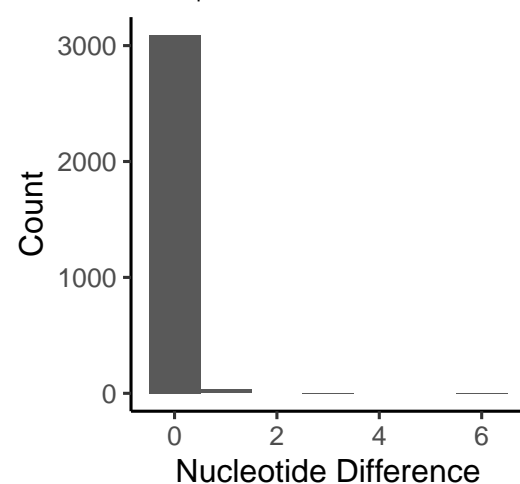
TRBV5-1*ap01

8795 sequences assigned
8626 (98.1%) exact matches, in which:
8427 unique CDR3
14 unique J



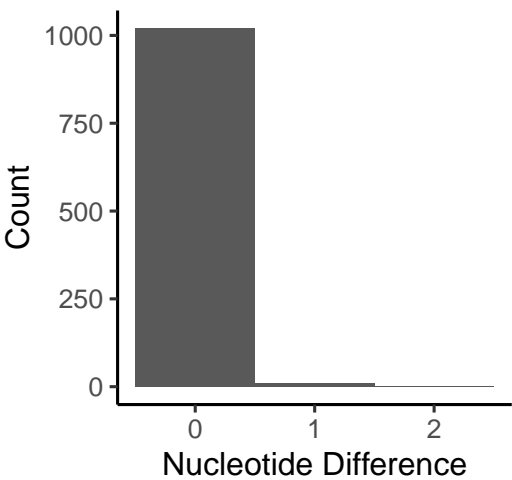
TRBV5-4*ap01

3127 sequences assigned
3091 (98.8%) exact matches, in which:
3052 unique CDR3
14 unique J



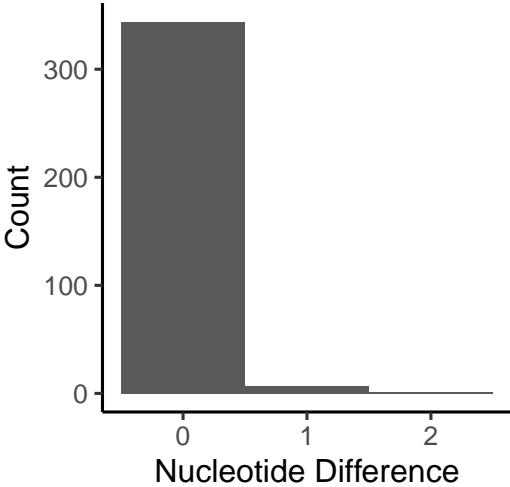
TRBV5-5*ap01

1033 sequences assigned
1020 (98.7%) exact matches, in which:
1013 unique CDR3
14 unique J



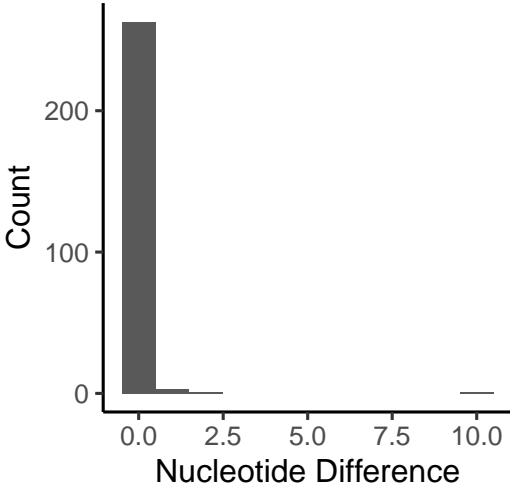
TRBV5-8*ap01

352 sequences assigned
344 (97.7%) exact matches, in which:
340 unique CDR3
13 unique J



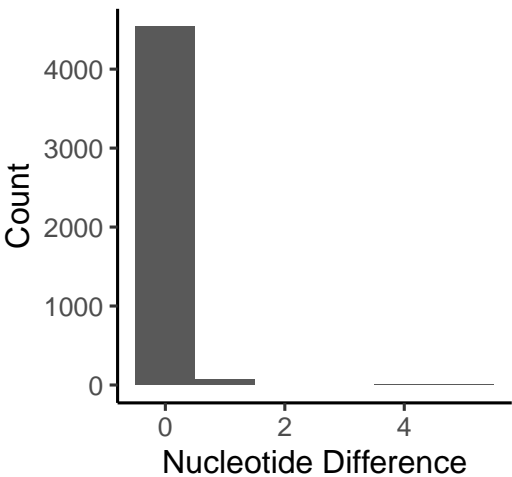
TRBV6-7*ap01

268 sequences assigned
263 (98.1%) exact matches, in which:
258 unique CDR3
14 unique J



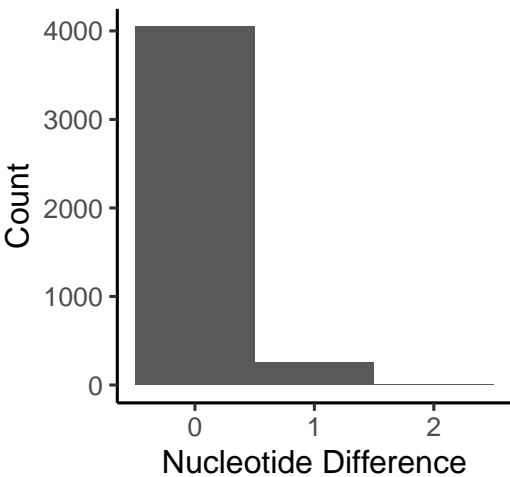
TRBV5-6*ap01

4614 sequences assigned
4537 (98.3%) exact matches, in which:
4413 unique CDR3
14 unique J



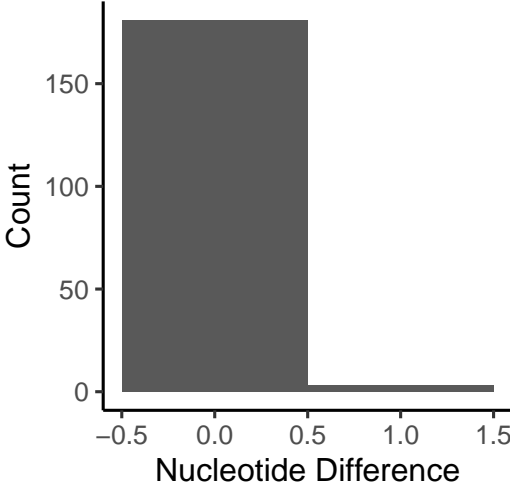
TRBV6-1*ap01

4299 sequences assigned
4047 (94.1%) exact matches, in which:
3972 unique CDR3
14 unique J



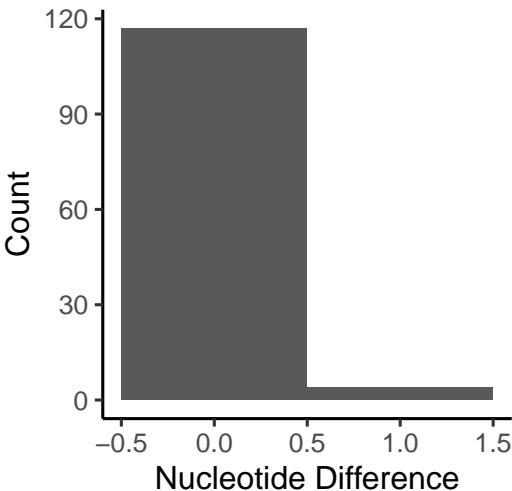
TRBV6-8*ap01

184 sequences assigned
181 (98.4%) exact matches, in which:
175 unique CDR3
14 unique J



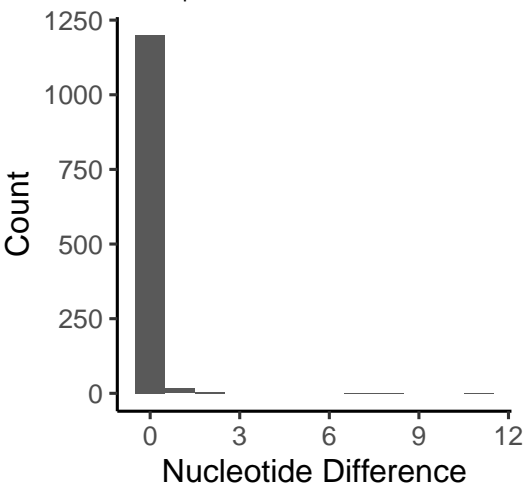
TRBV5-7*ap01

121 sequences assigned
117 (96.7%) exact matches, in which:
111 unique CDR3
14 unique J



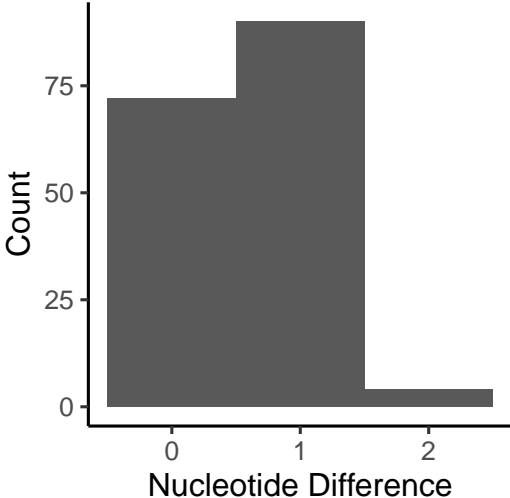
TRBV6-4*ap01

1223 sequences assigned
1200 (98.1%) exact matches, in which:
1187 unique CDR3
14 unique J



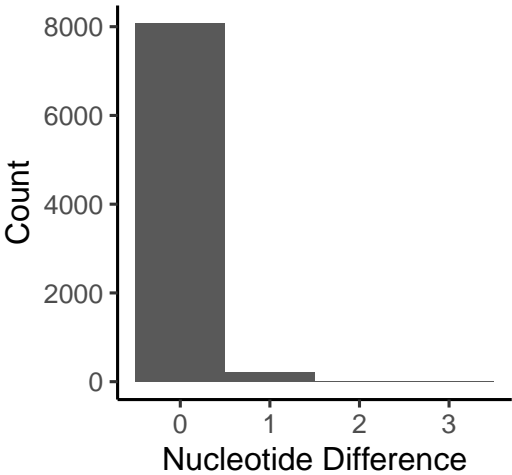
TRBV6-9*ap01

166 sequences assigned
72 (43.4%) exact matches, in which:
68 unique CDR3
12 unique J



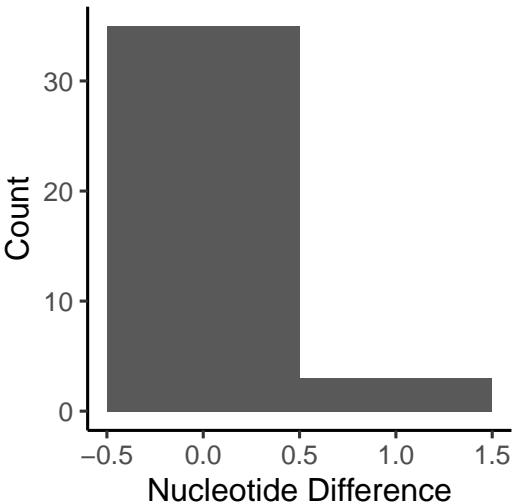
TRBV6-23*ap01

8288 sequences assigned
8074 (97.4%) exact matches, in which:
7923 unique CDR3
14 unique J



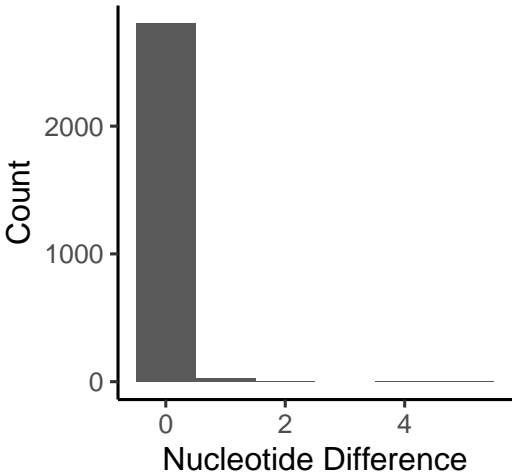
TRBV7-1*ap01_G291C_T

38 sequences assigned
35 (92.1%) exact matches, in which:
35 unique CDR3
9 unique J



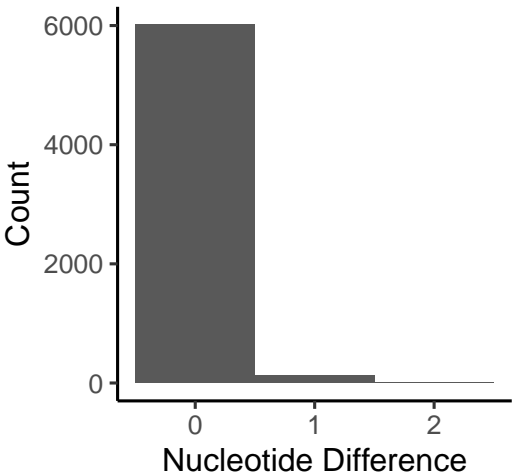
TRBV7-3*ap01

2834 sequences assigned
2804 (98.9%) exact matches, in which:
2780 unique CDR3
14 unique J



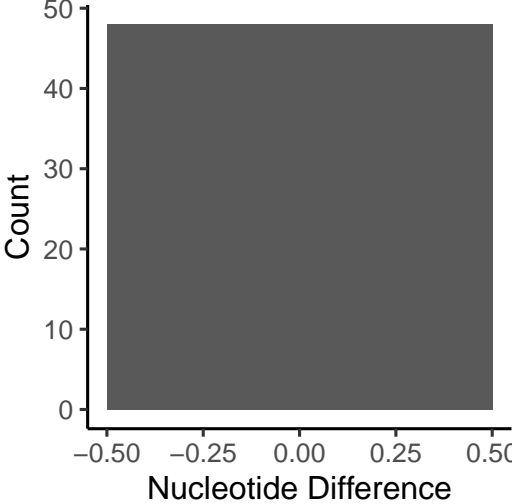
TRBV6-56*ap01

6141 sequences assigned
6014 (97.9%) exact matches, in which:
5914 unique CDR3
14 unique J



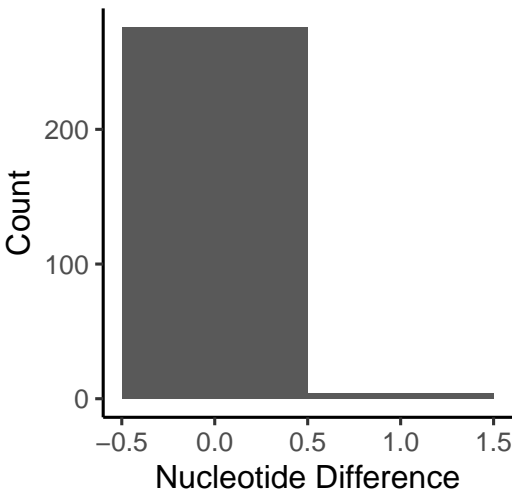
TRBV7-1*ap01_G291C_T

48 sequences assigned
48 (100%) exact matches, in which:
48 unique CDR3
9 unique J



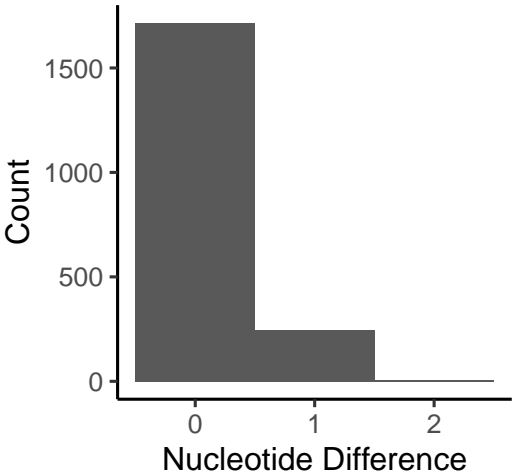
TRBV7-4*ap01

280 sequences assigned
276 (98.6%) exact matches, in which:
267 unique CDR3
14 unique J



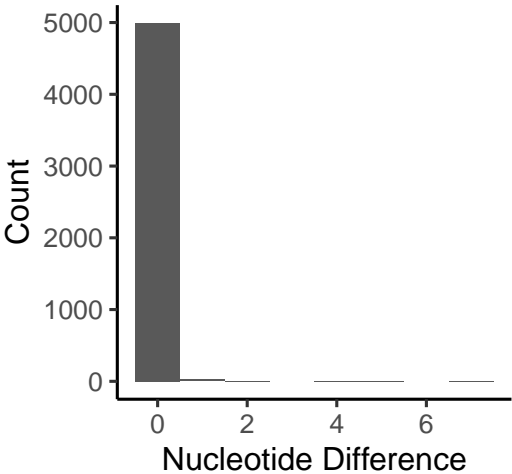
TRBV6-56*ap02

1967 sequences assigned
1715 (87.2%) exact matches, in which:
1682 unique CDR3
14 unique J



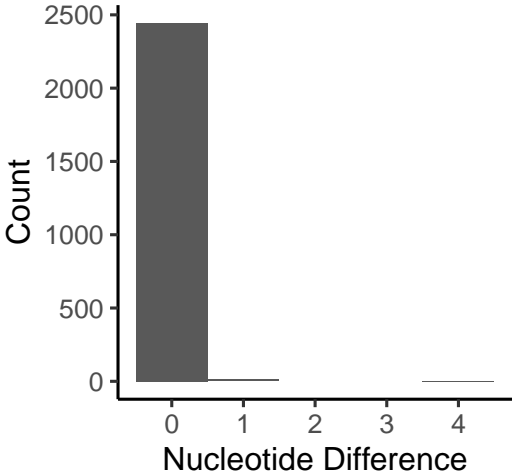
TRBV7-2*ap01

5023 sequences assigned
4993 (99.4%) exact matches, in which:
4943 unique CDR3
14 unique J



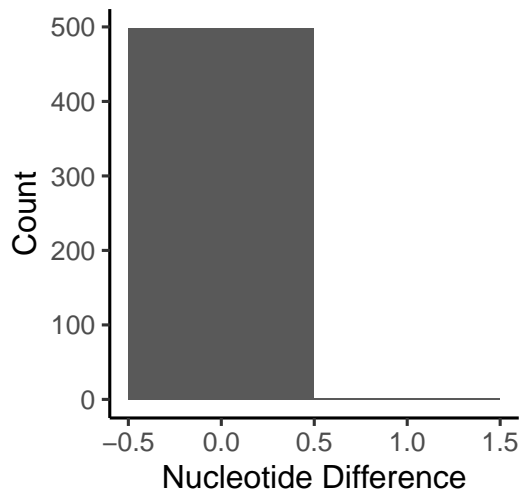
TRBV7-6*ap01

2458 sequences assigned
2444 (99.4%) exact matches, in which:
2407 unique CDR3
14 unique J



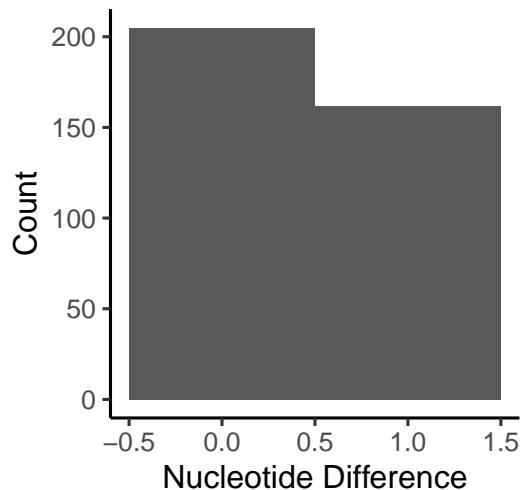
TRBV7-7*ap01

501 sequences assigned
499 (99.6%) exact matches, in which:
494 unique CDR3
13 unique J



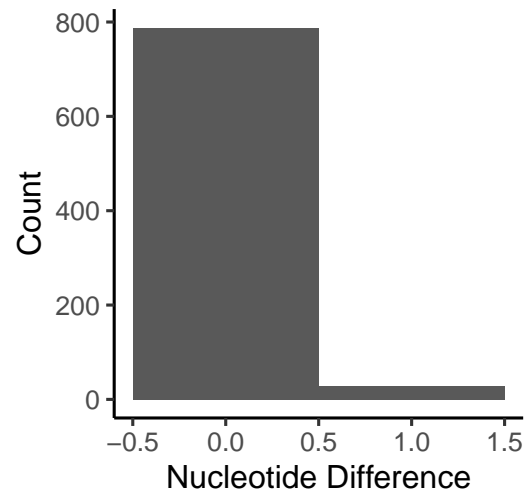
TRBV7-8*ap03

367 sequences assigned
205 (55.9%) exact matches, in which:
202 unique CDR3
13 unique J



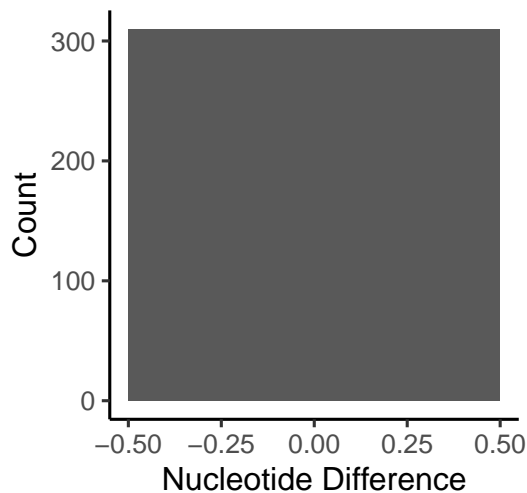
TRBV29-1*ap02

817 sequences assigned
788 (96.5%) exact matches, in which:
746 unique CDR3
14 unique J



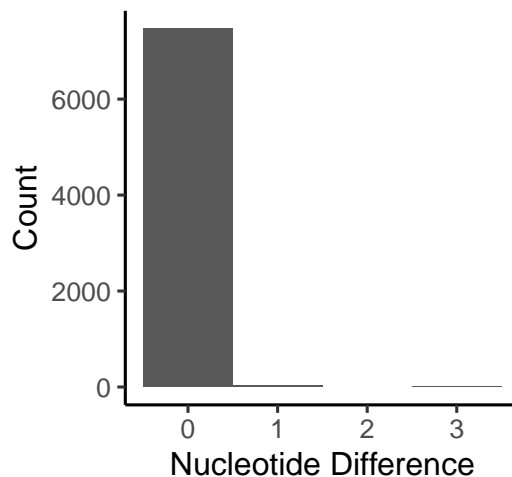
TRBV7-7*ap01_C315T

310 sequences assigned
310 (100%) exact matches, in which:
304 unique CDR3
13 unique J



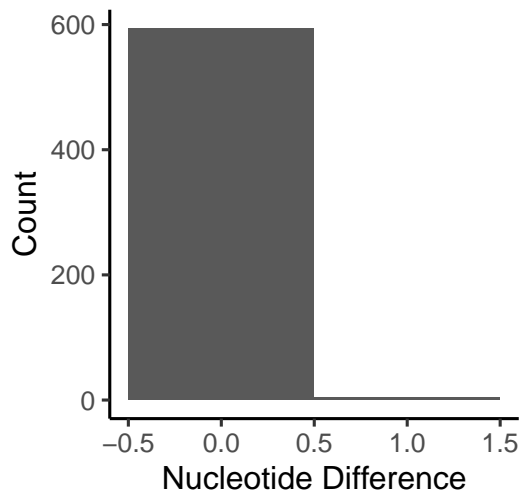
TRBV7-9*ap01

7508 sequences assigned
7467 (99.5%) exact matches, in which:
7364 unique CDR3
14 unique J



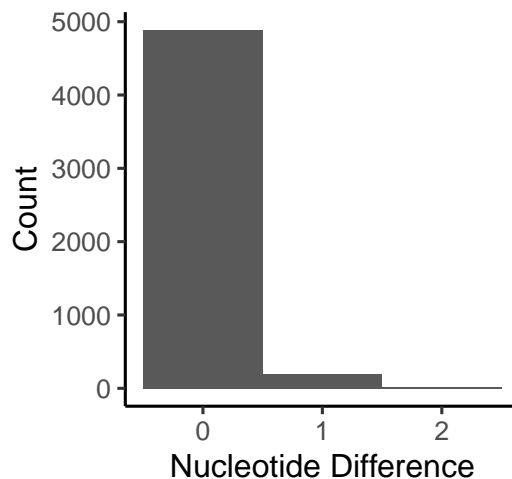
TRBV7-8*ap01

598 sequences assigned
594 (99.3%) exact matches, in which:
589 unique CDR3
14 unique J

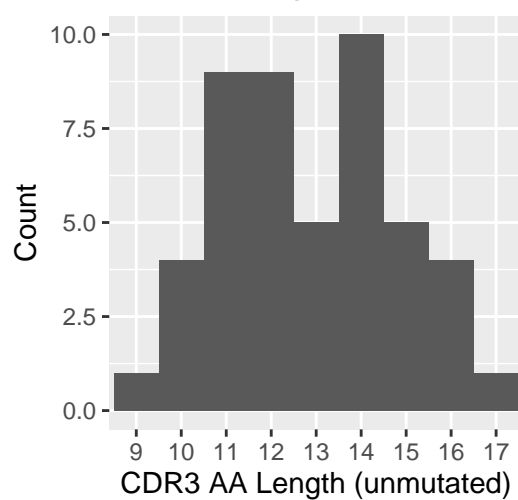


TRBV29-1*ap01

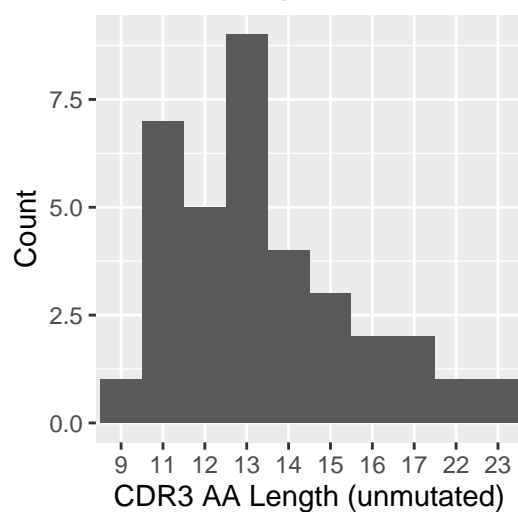
5098 sequences assigned
4886 (95.8%) exact matches, in which:
4632 unique CDR3
14 unique J



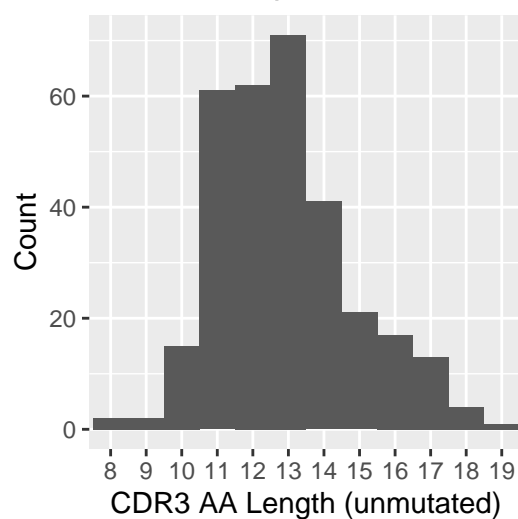
TRBV7-1*ap01_G291C_T296C_C314T

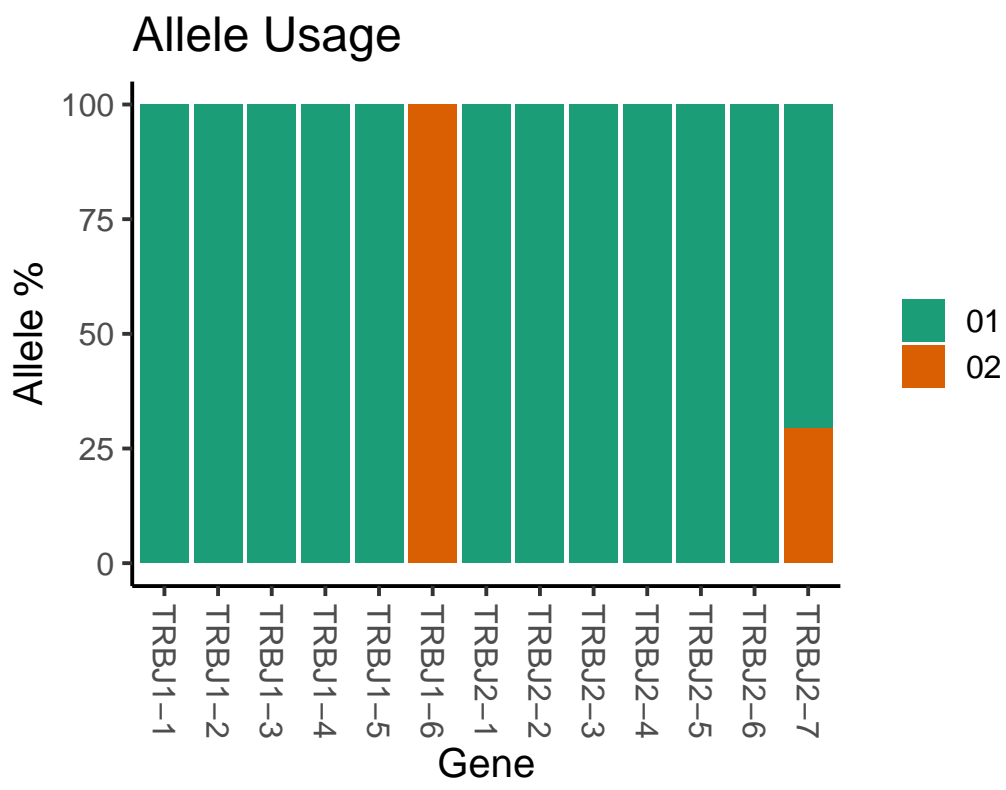


TRBV7-1*ap01_G291C_T296C

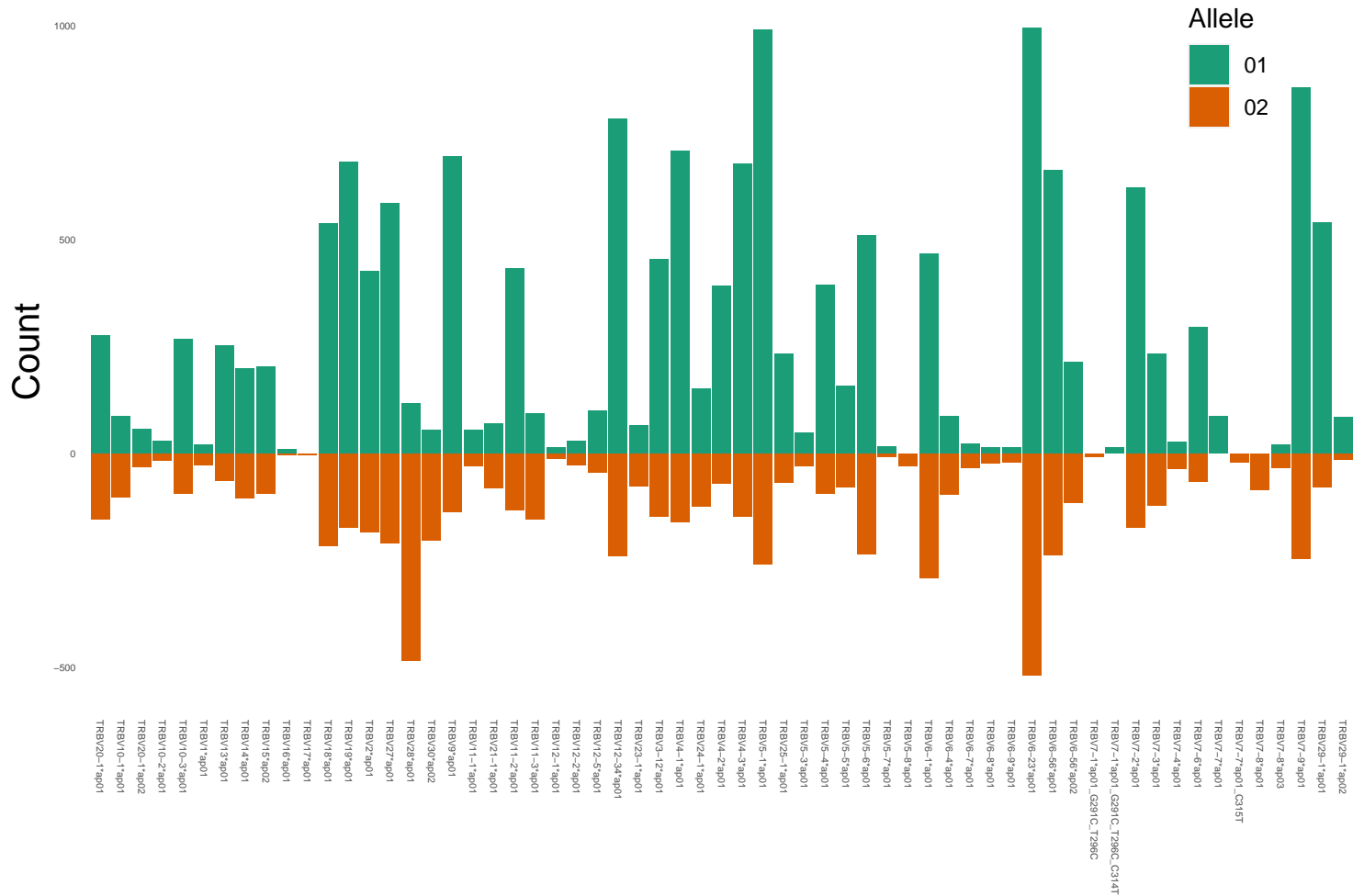


TRBV7-7*ap01_C315T





Sequence Count by TRBJ2-7 allele usage



[illegible]