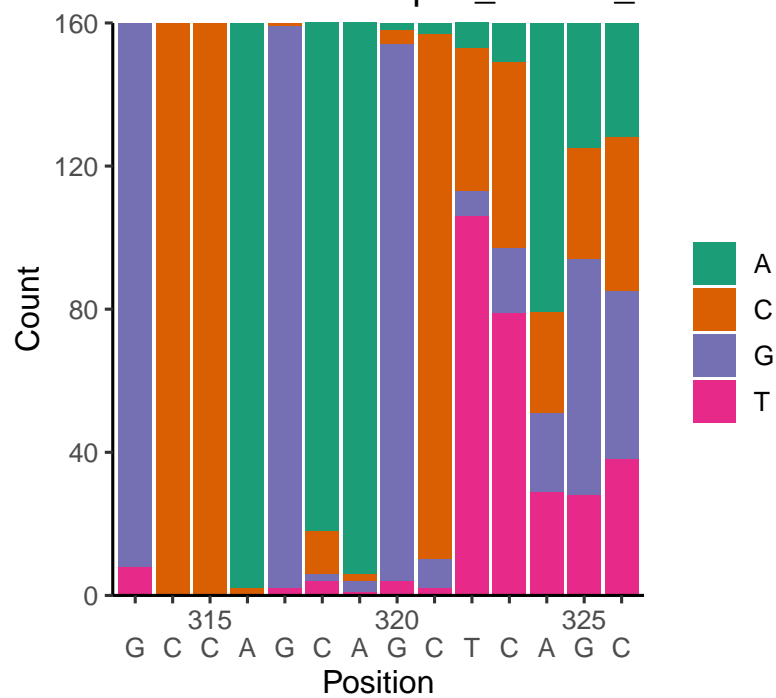
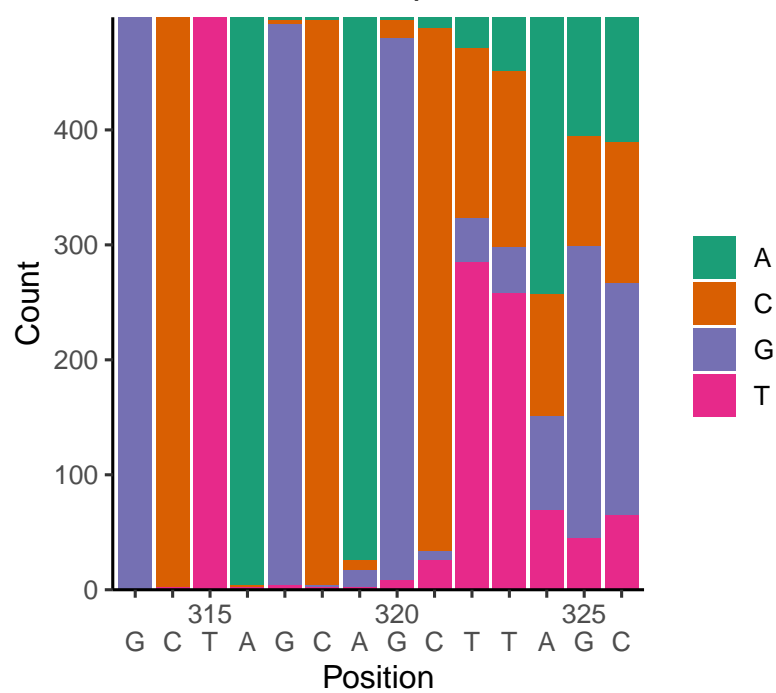


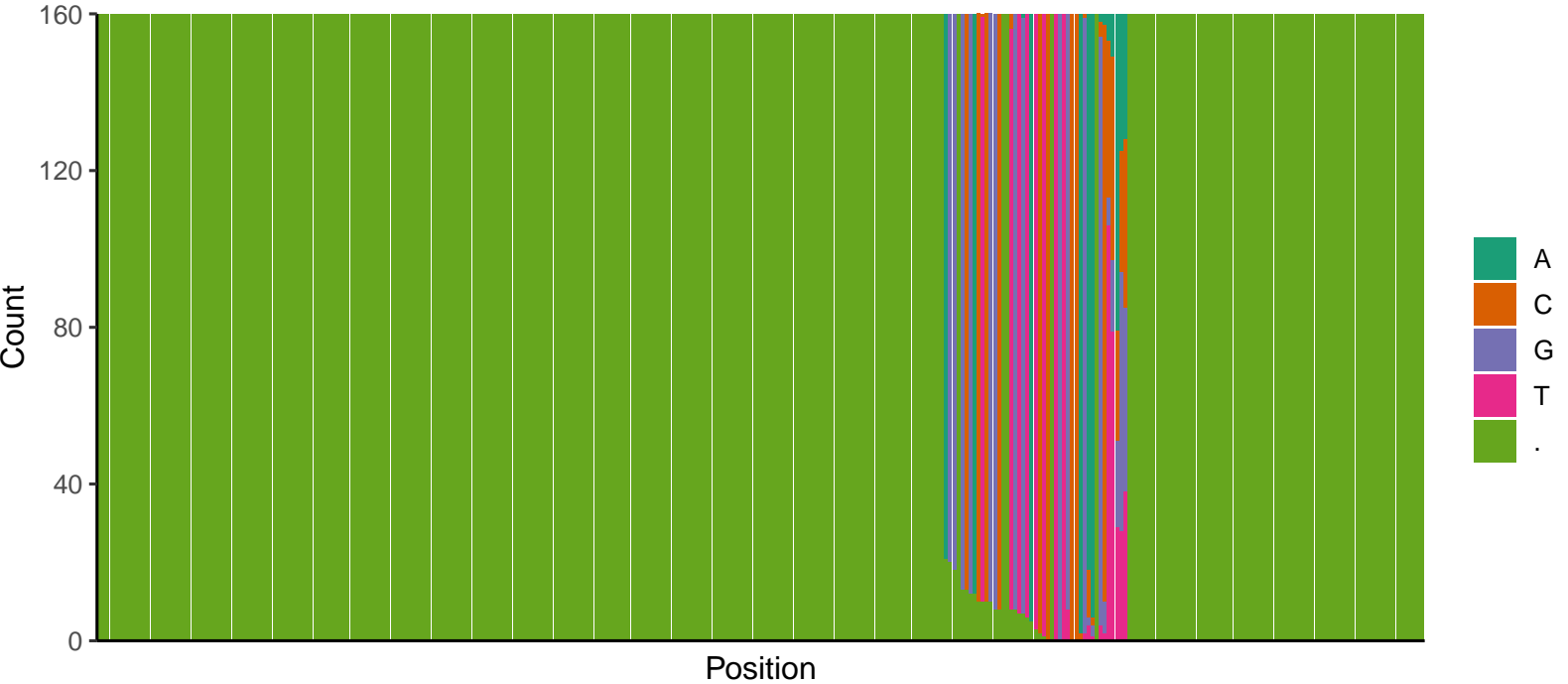
Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



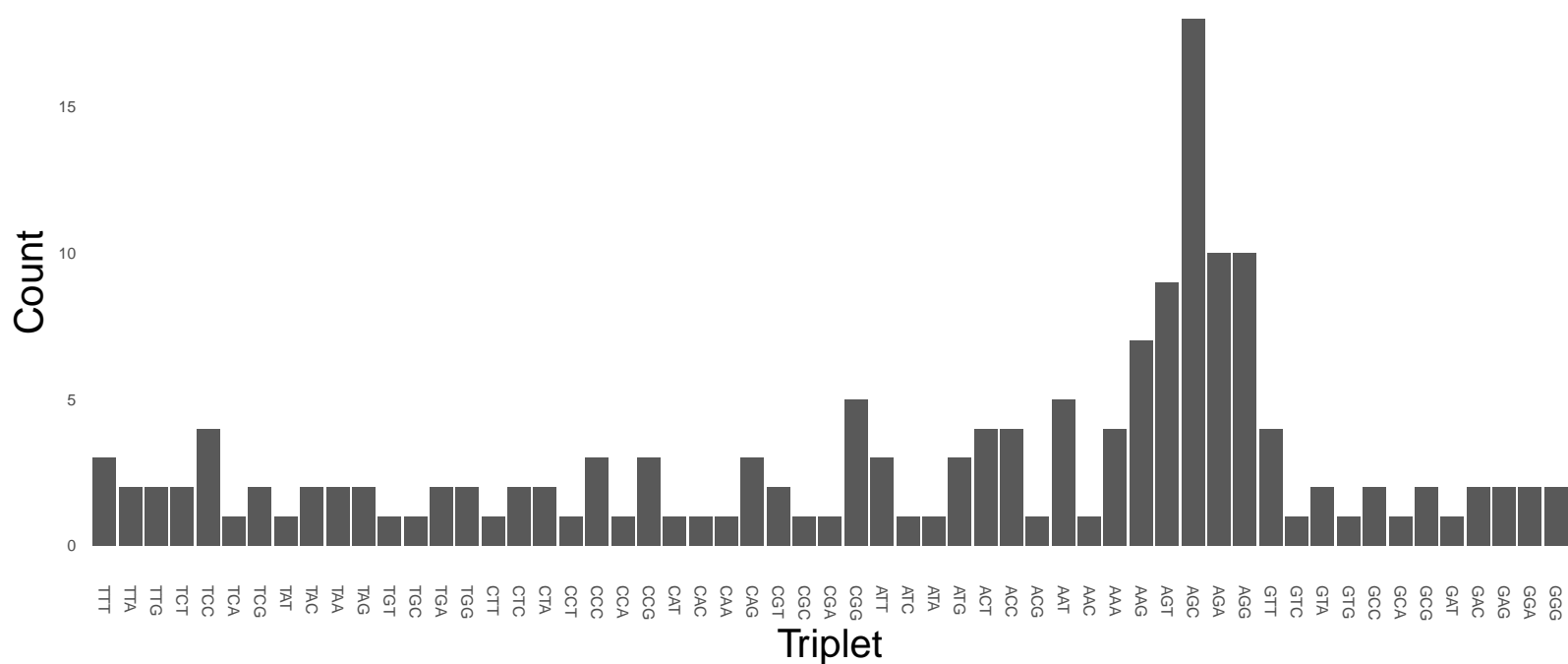
Gene TRBV7-1*ap01_G291C_T296C



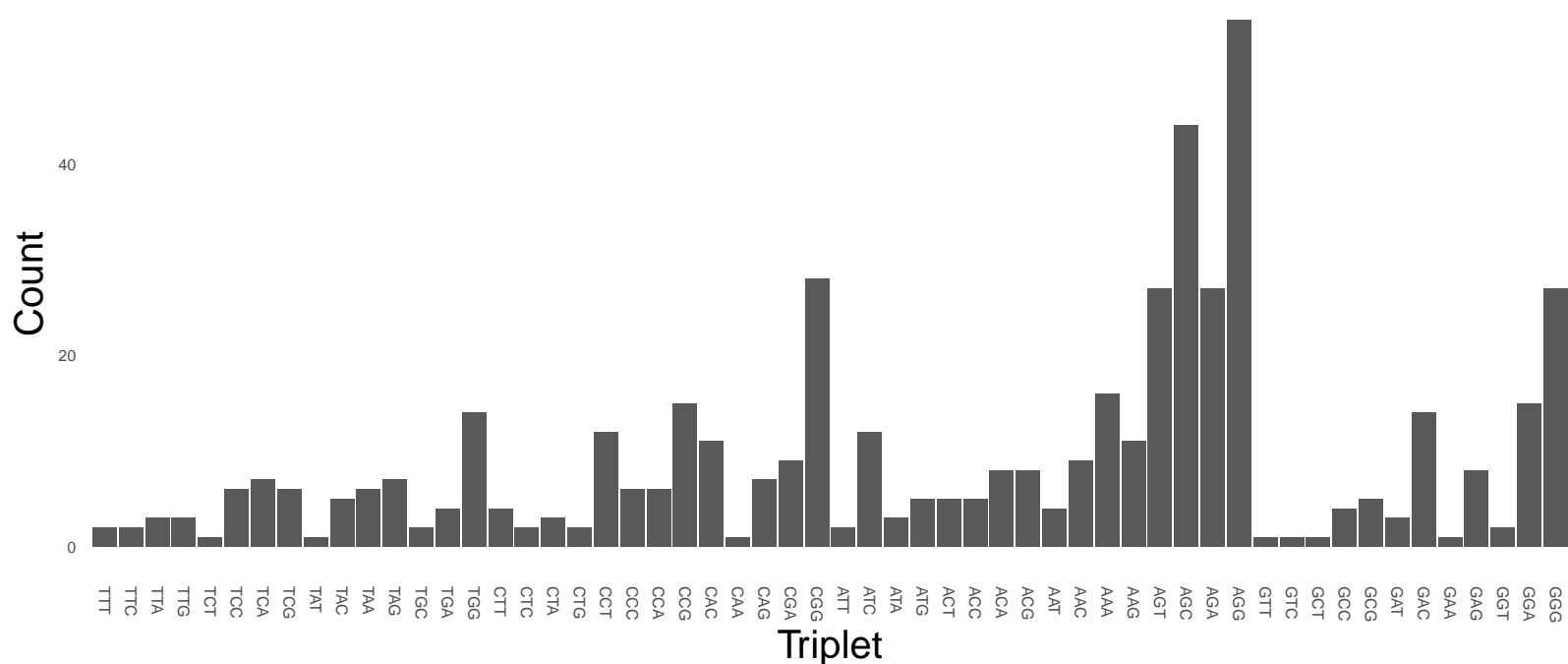
Gene TRBV7-7*ap01_C315T



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

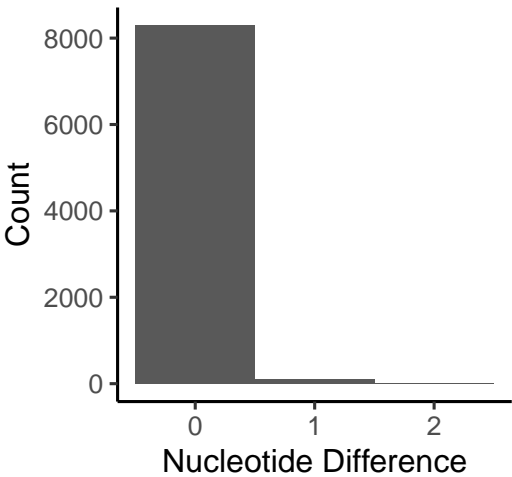


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



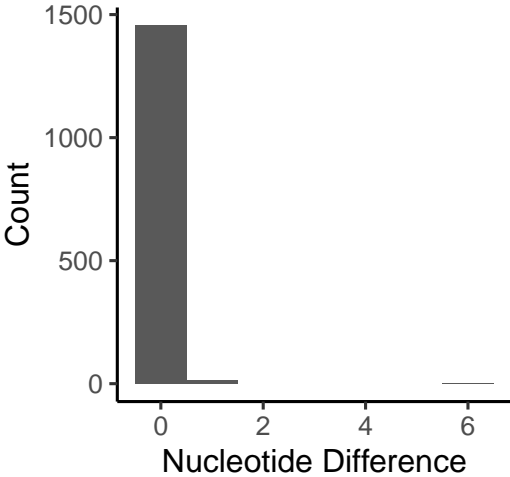
TRBV20-1*ap01

8406 sequences assigned
8294 (98.7%) exact matches, in which:
8134 unique CDR3
13 unique J



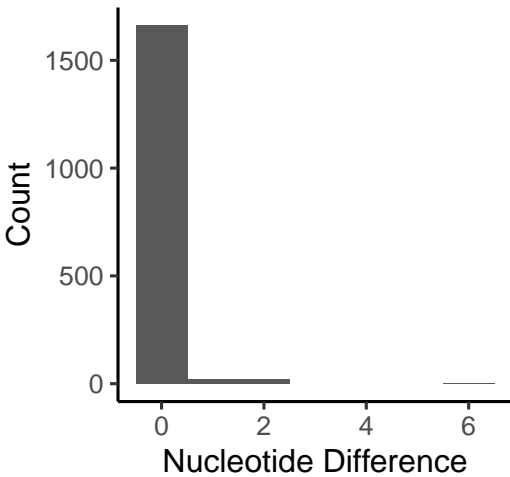
TRBV10-2*ap01

1471 sequences assigned
1456 (99%) exact matches, in which:
1425 unique CDR3
13 unique J



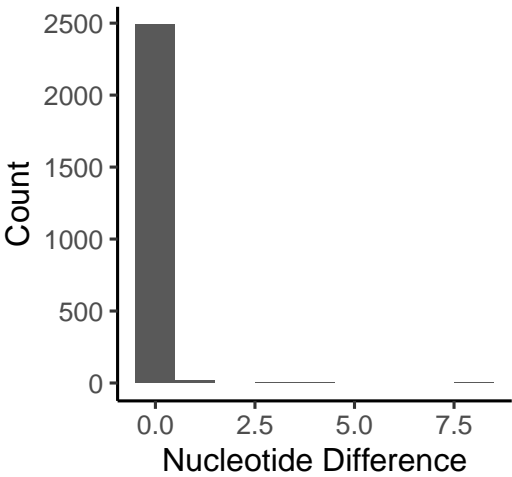
TRBV13*ap01

1708 sequences assigned
1662 (97.3%) exact matches, in which:
1620 unique CDR3
13 unique J



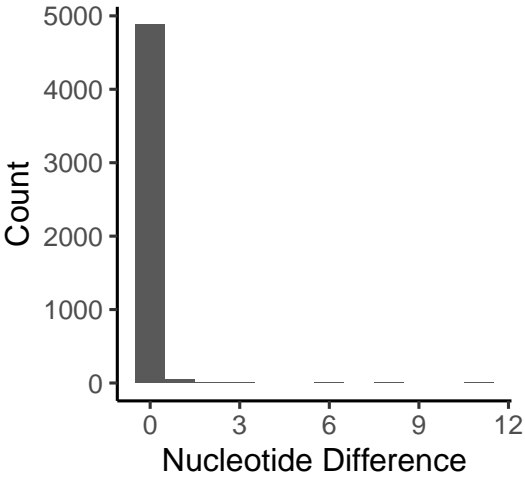
TRBV10-1*ap01

2512 sequences assigned
2489 (99.1%) exact matches, in which:
2415 unique CDR3
13 unique J



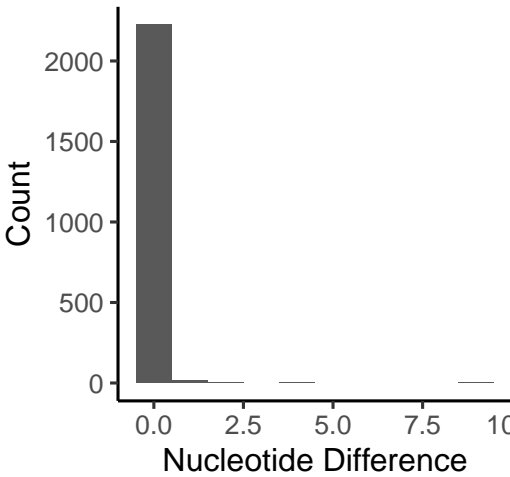
TRBV10-3*ap01

4942 sequences assigned
4879 (98.7%) exact matches, in which:
4768 unique CDR3
13 unique J



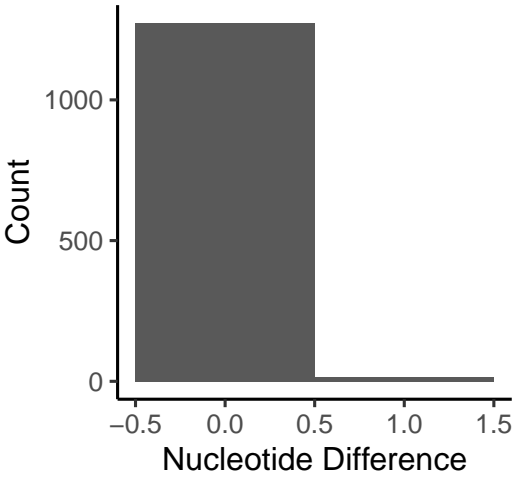
TRBV14*ap01

2246 sequences assigned
2225 (99.1%) exact matches, in which:
2171 unique CDR3
13 unique J



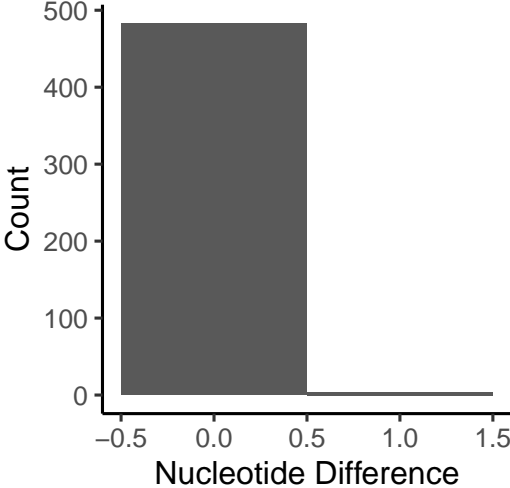
TRBV20-1*ap02

1289 sequences assigned
1273 (98.8%) exact matches, in which:
1252 unique CDR3
13 unique J



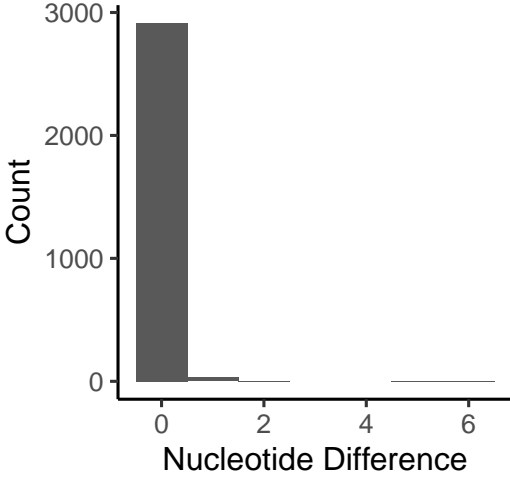
TRBV1*ap01

487 sequences assigned
483 (99.2%) exact matches, in which:
472 unique CDR3
13 unique J



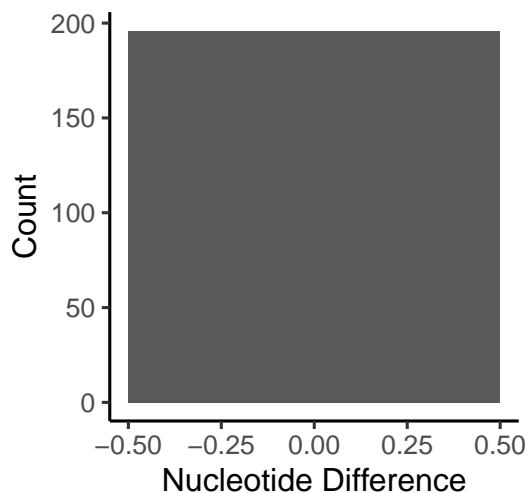
TRBV15*ap02

2948 sequences assigned
2914 (98.8%) exact matches, in which:
2838 unique CDR3
13 unique J



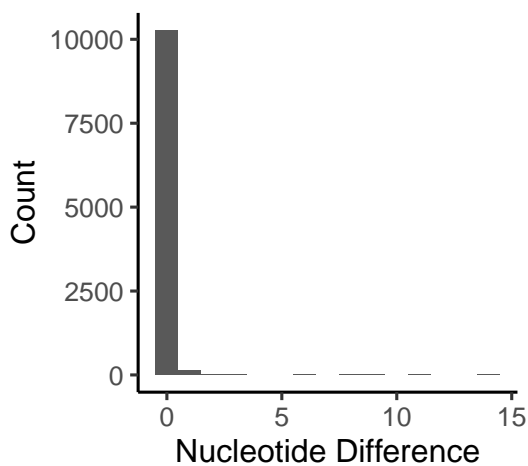
TRBV16*ap01

196 sequences assigned
196 (100%) exact matches, in which:
196 unique CDR3
13 unique J



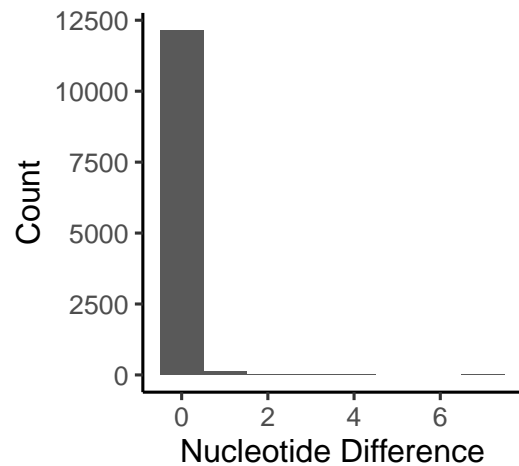
TRBV19*ap01

10423 sequences assigned
10273 (98.6%) exact matches, in which:
10111 unique CDR3
13 unique J



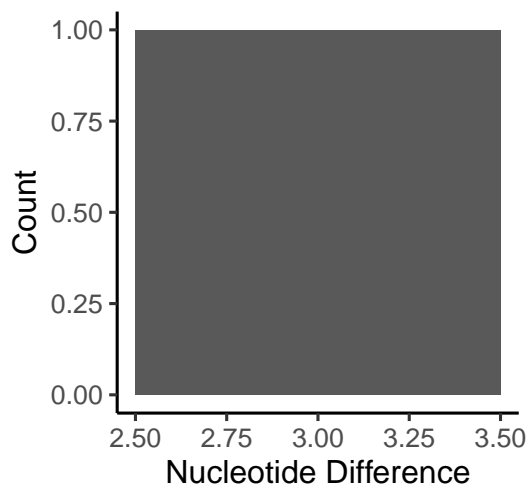
TRBV28*ap01

12299 sequences assigned
12151 (98.8%) exact matches, in which:
11848 unique CDR3
13 unique J



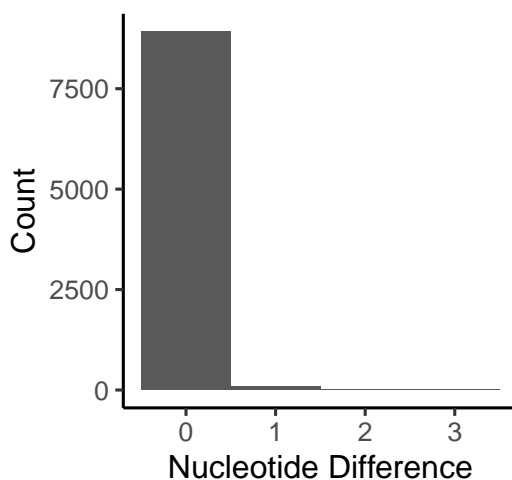
TRBV17*ap01

1 sequences assigned
No exact matches.



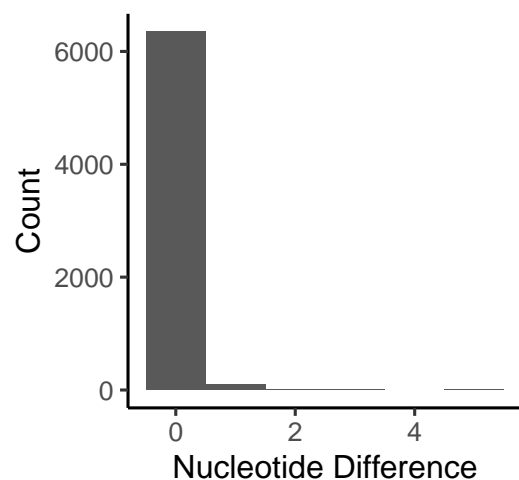
TRBV2*ap01

9009 sequences assigned
8919 (99%) exact matches, in which:
8750 unique CDR3
13 unique J



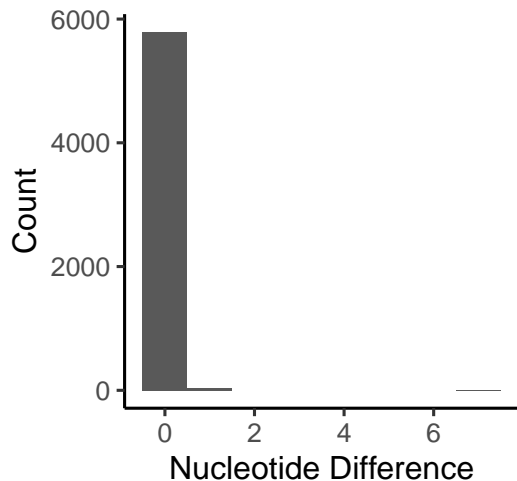
TRBV30*ap01

6461 sequences assigned
6349 (98.3%) exact matches, in which:
6257 unique CDR3
13 unique J



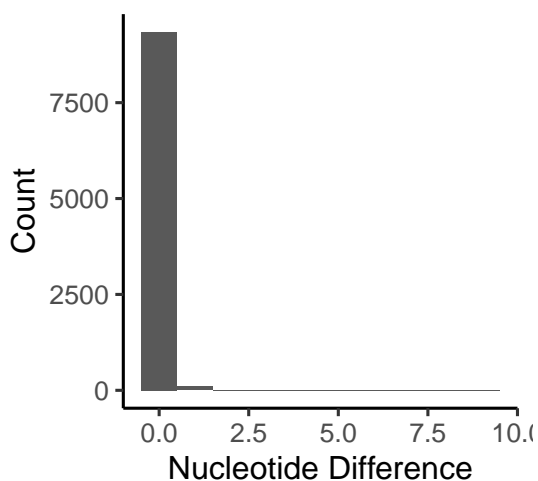
TRBV18*ap01

5825 sequences assigned
5790 (99.4%) exact matches, in which:
5684 unique CDR3
13 unique J



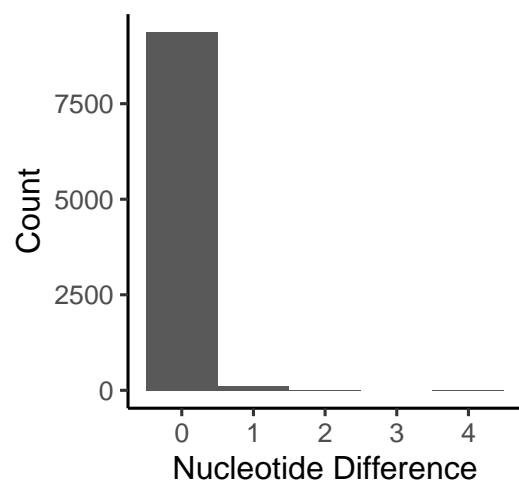
TRBV27*ap01

9467 sequences assigned
9341 (98.7%) exact matches, in which:
9053 unique CDR3
13 unique J



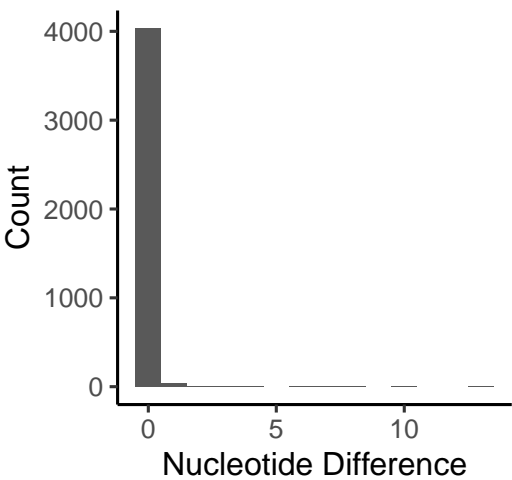
TRBV9*ap01

9483 sequences assigned
9374 (98.9%) exact matches, in which:
9169 unique CDR3
13 unique J



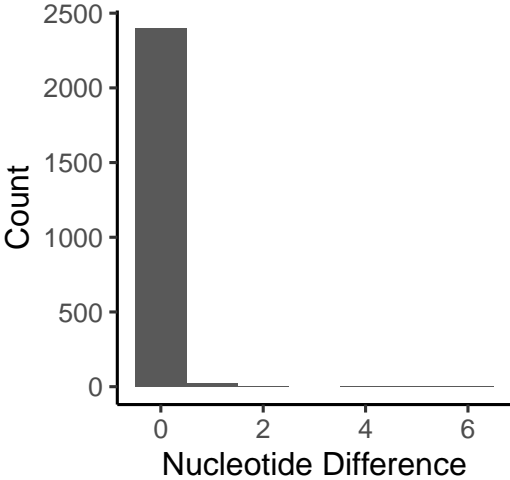
TRBV21-1*ap01

4097 sequences assigned
4033 (98.4%) exact matches, in which:
3955 unique CDR3
13 unique J



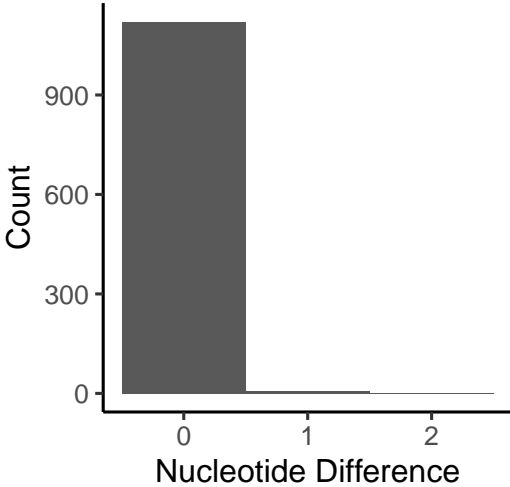
TRBV11-3*ap01

2427 sequences assigned
2398 (98.8%) exact matches, in which:
2343 unique CDR3
13 unique J



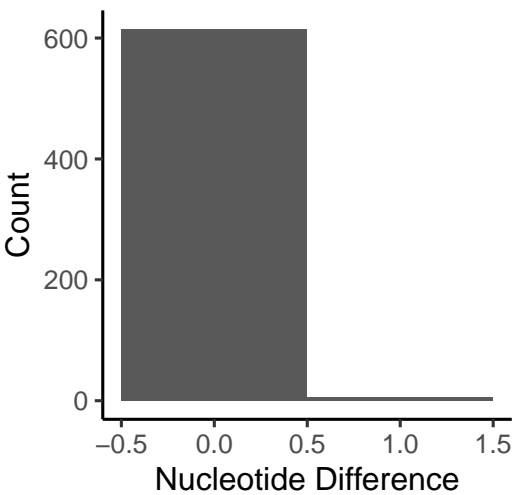
TRBV12-5*ap01

1131 sequences assigned
1121 (99.1%) exact matches, in which:
1096 unique CDR3
13 unique J



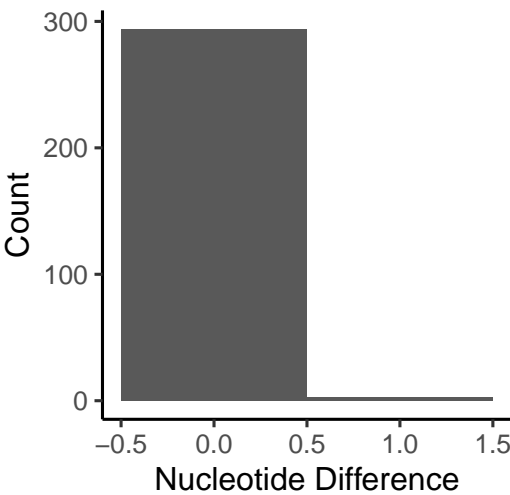
TRBV11-1*ap01

620 sequences assigned
615 (99.2%) exact matches, in which:
596 unique CDR3
13 unique J



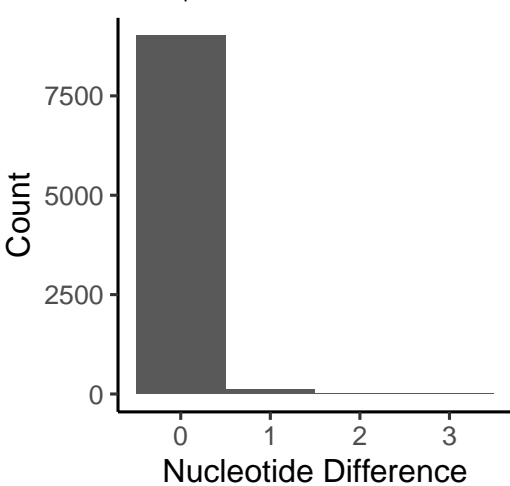
TRBV12-1*ap01

297 sequences assigned
294 (99%) exact matches, in which:
289 unique CDR3
13 unique J



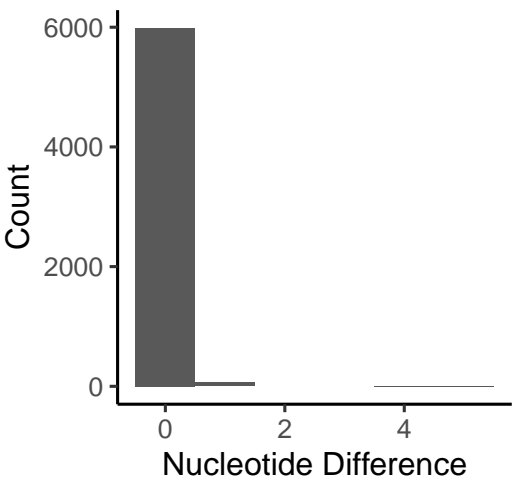
TRBV12-34*ap01

9130 sequences assigned
9013 (98.7%) exact matches, in which:
8836 unique CDR3
13 unique J



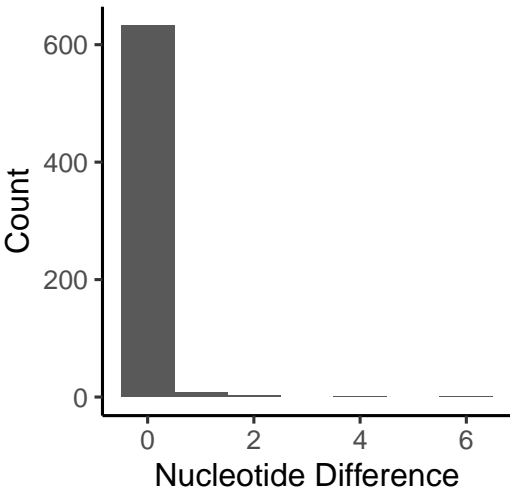
TRBV11-2*ap01

6053 sequences assigned
5986 (98.9%) exact matches, in which:
5832 unique CDR3
13 unique J



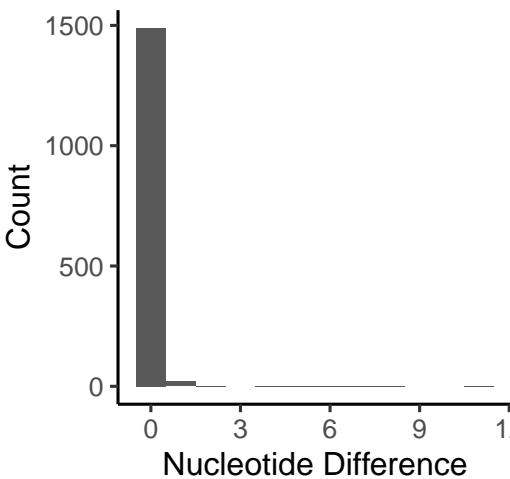
TRBV12-2*ap01

646 sequences assigned
633 (98%) exact matches, in which:
617 unique CDR3
13 unique J



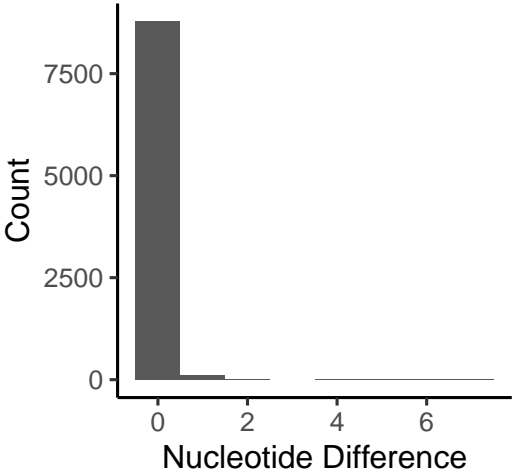
TRBV23-1*ap01

1516 sequences assigned
1489 (98.2%) exact matches, in which:
1456 unique CDR3
13 unique J



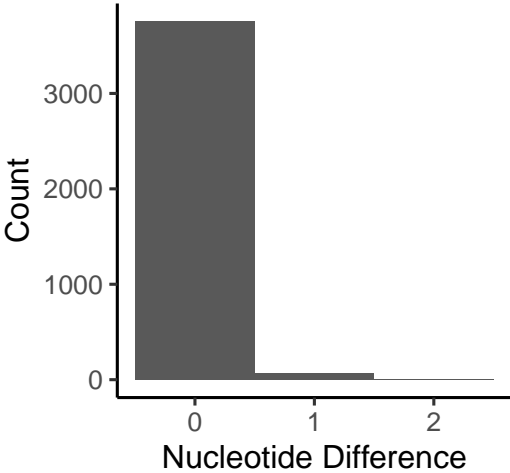
TRBV3-12*ap01

8904 sequences assigned
8780 (98.6%) exact matches, in which:
8585 unique CDR3
14 unique J



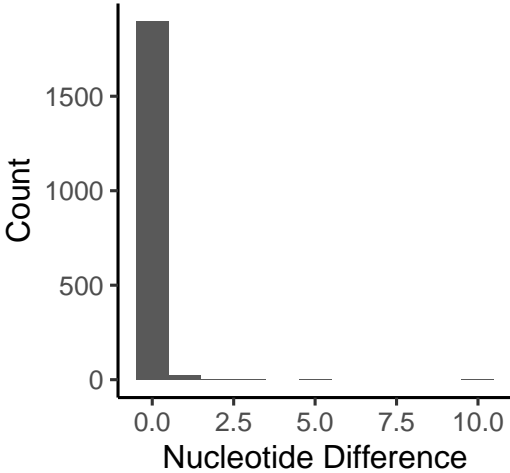
TRBV4-2*ap01

3826 sequences assigned
3755 (98.1%) exact matches, in which:
3679 unique CDR3
13 unique J



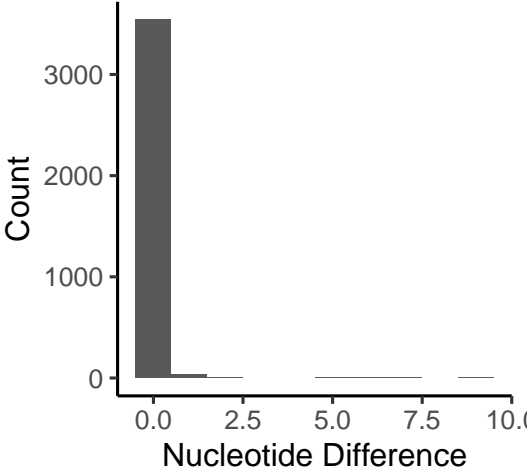
TRBV25-1*ap01

1926 sequences assigned
1896 (98.4%) exact matches, in which:
1859 unique CDR3
13 unique J



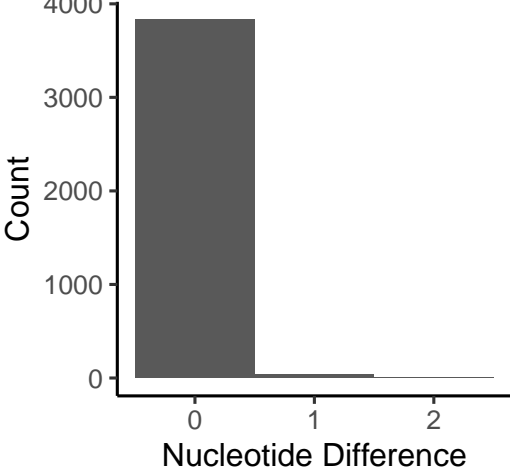
TRBV24-1*ap01

3587 sequences assigned
3541 (98.7%) exact matches, in which:
3475 unique CDR3
13 unique J



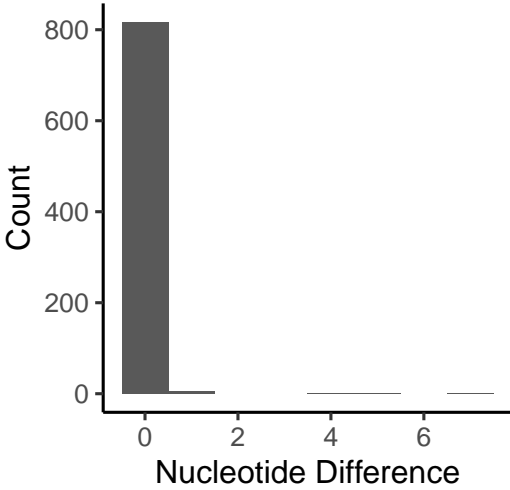
TRBV4-3*ap01

3872 sequences assigned
3830 (98.9%) exact matches, in which:
3755 unique CDR3
13 unique J



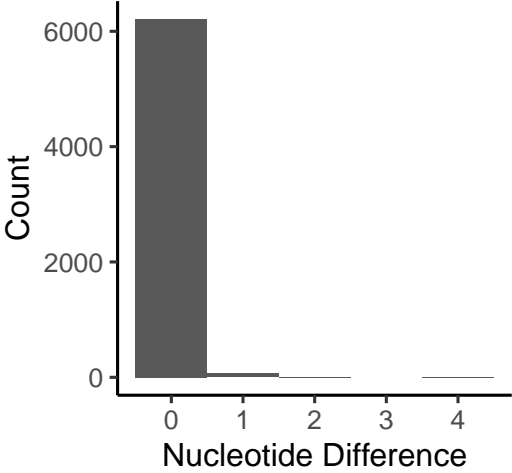
TRBV5-3*ap01

826 sequences assigned
817 (98.9%) exact matches, in which:
799 unique CDR3
13 unique J



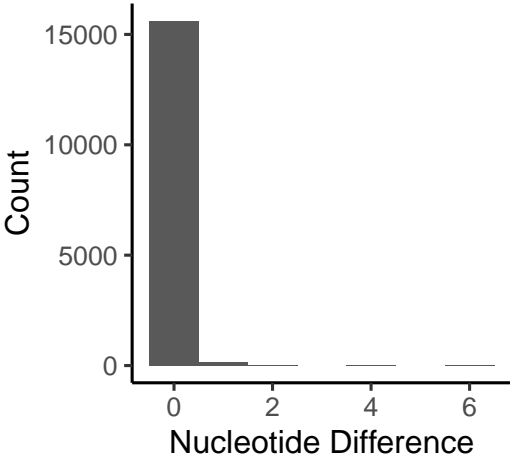
TRBV4-1*ap01

6280 sequences assigned
6212 (98.9%) exact matches, in which:
6087 unique CDR3
13 unique J



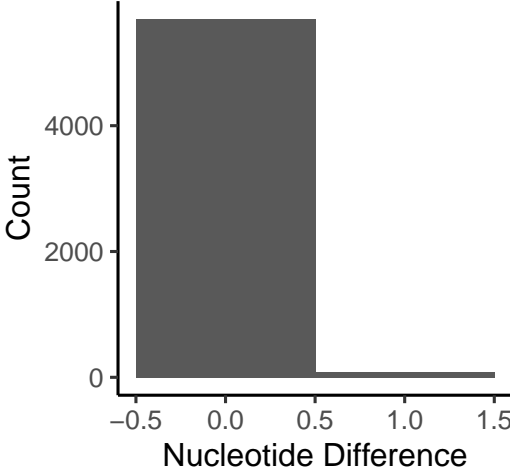
TRBV5-1*ap01

15813 sequences assigned
15617 (98.8%) exact matches, in which:
15193 unique CDR3
13 unique J



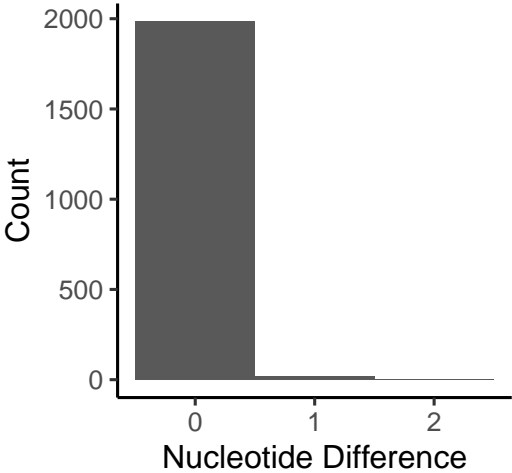
TRBV5-4*ap01

5782 sequences assigned
5695 (98.5%) exact matches, in which:
5560 unique CDR3
13 unique J



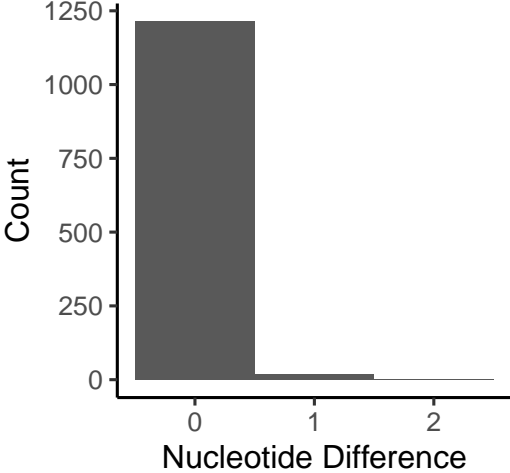
TRBV5-5*ap01

2008 sequences assigned
1985 (98.9%) exact matches, in which:
1964 unique CDR3
13 unique J



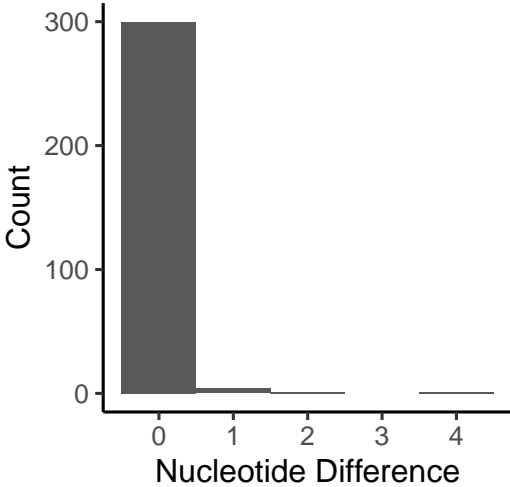
TRBV5-8*ap01

1234 sequences assigned
1214 (98.4%) exact matches, in which:
1187 unique CDR3
13 unique J



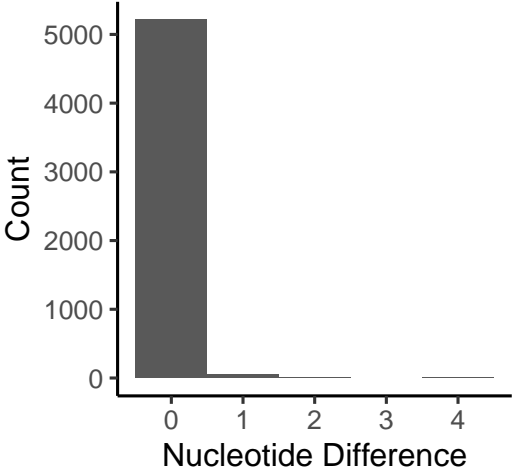
TRBV6-7*ap01

306 sequences assigned
300 (98%) exact matches, in which:
296 unique CDR3
13 unique J



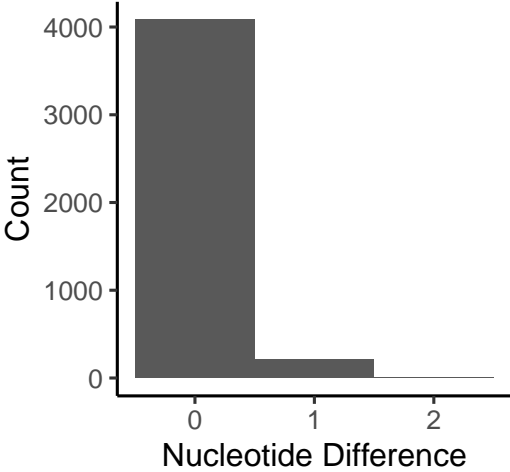
TRBV5-6*ap01

5267 sequences assigned
5214 (99%) exact matches, in which:
5081 unique CDR3
13 unique J



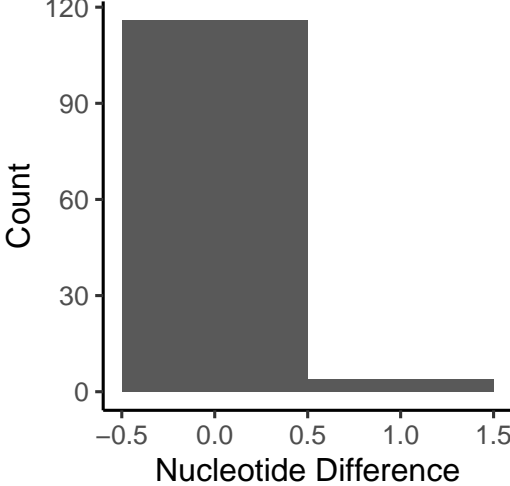
TRBV6-1*ap01

4297 sequences assigned
4083 (95%) exact matches, in which:
3959 unique CDR3
13 unique J



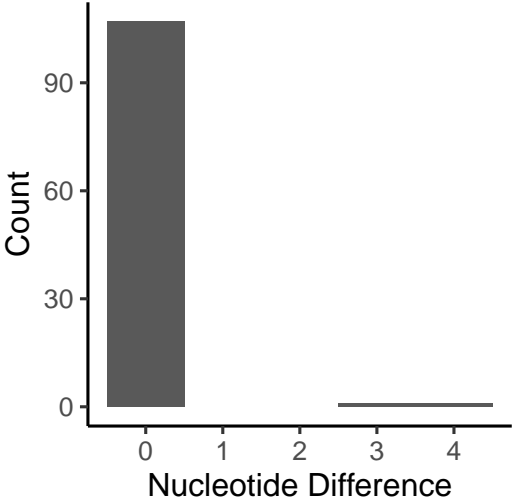
TRBV6-8*ap01

120 sequences assigned
116 (96.7%) exact matches, in which:
111 unique CDR3
12 unique J



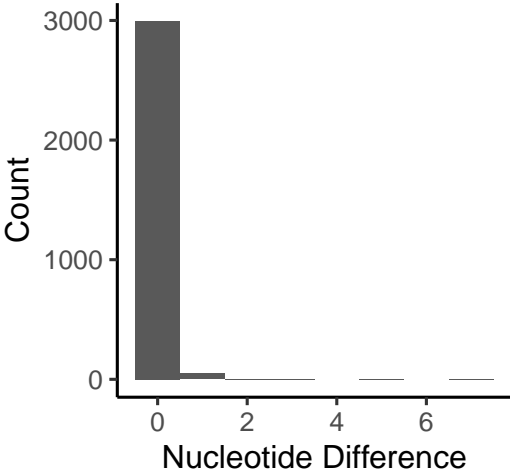
TRBV5-7*ap01

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



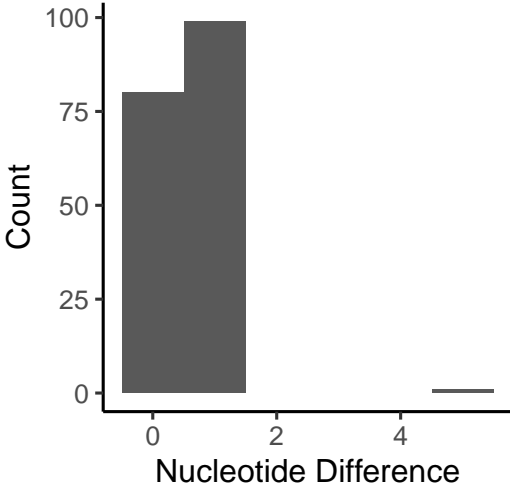
TRBV6-4*ap01

3051 sequences assigned
2995 (98.2%) exact matches, in which:
2941 unique CDR3
13 unique J



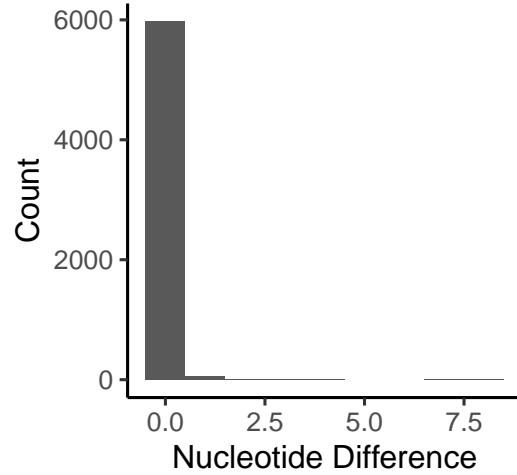
TRBV6-9*ap01

180 sequences assigned
80 (44.4%) exact matches, in which:
77 unique CDR3
12 unique J



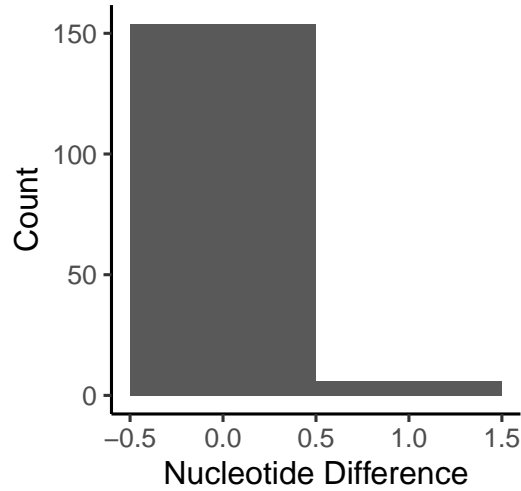
TRBV6-23*ap01

6051 sequences assigned
5974 (98.7%) exact matches, in which:
5835 unique CDR3
13 unique J



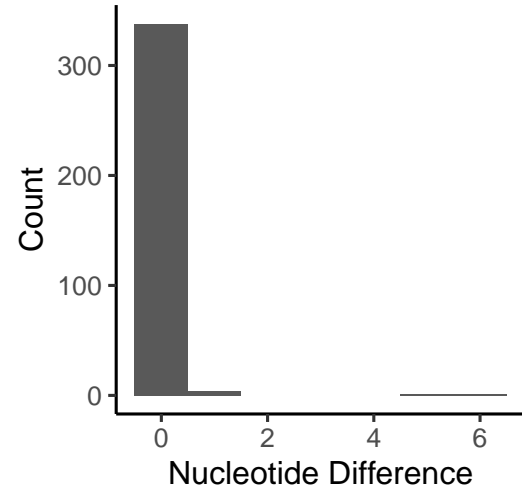
TRBV7-1*ap01_G291C_

160 sequences assigned
154 (96.2%) exact matches, in which:
152 unique CDR3
13 unique J



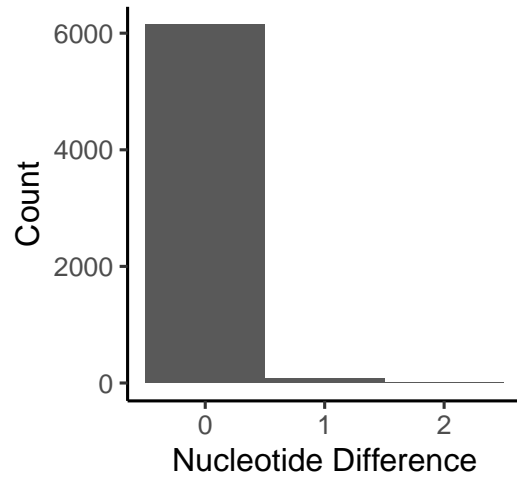
TRBV7-4*ap01

344 sequences assigned
338 (98.3%) exact matches, in which:
333 unique CDR3
13 unique J



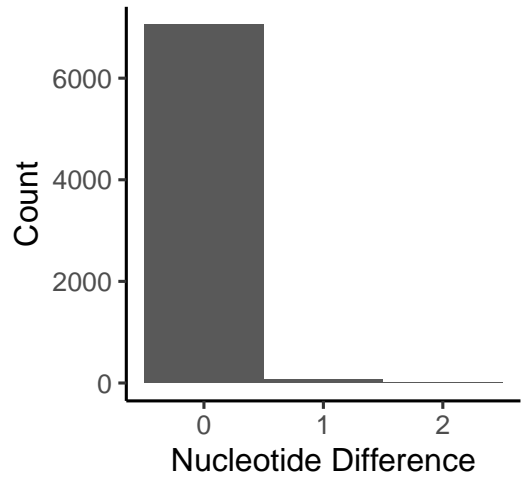
TRBV6-56*ap01

6216 sequences assigned
6145 (98.9%) exact matches, in which:
6007 unique CDR3
13 unique J



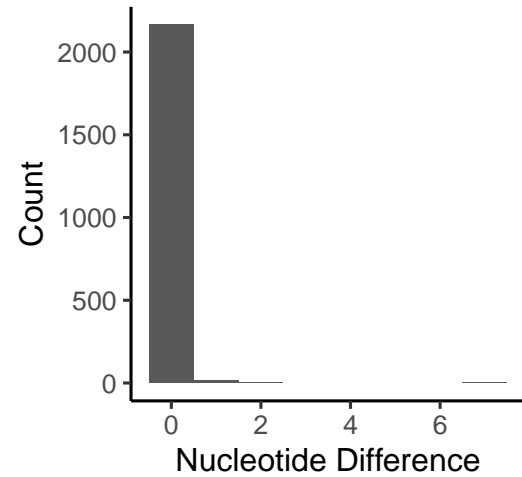
TRBV7-2*ap01

7119 sequences assigned
7052 (99.1%) exact matches, in which:
6912 unique CDR3
13 unique J



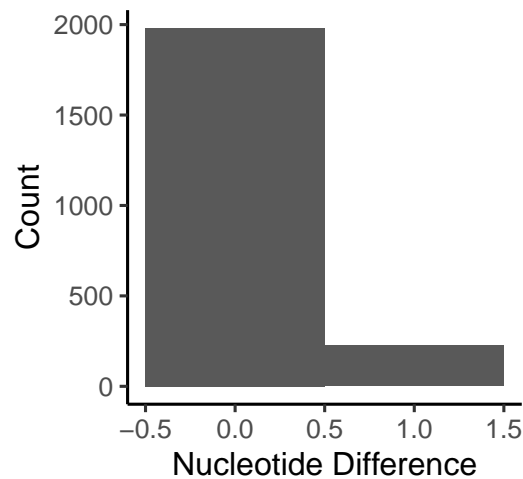
TRBV7-6*ap01

2186 sequences assigned
2165 (99%) exact matches, in which:
2100 unique CDR3
13 unique J



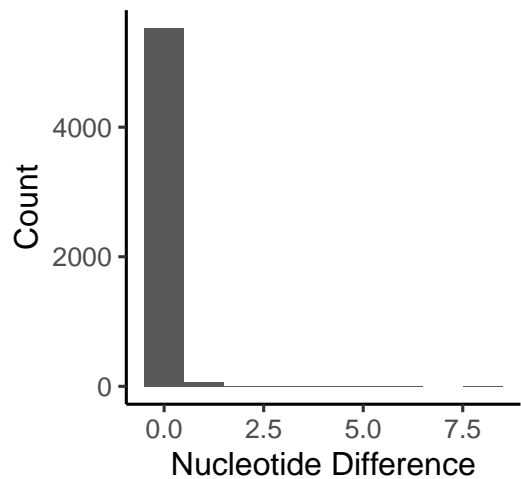
TRBV6-56*ap02

2206 sequences assigned
1981 (89.8%) exact matches, in which:
1926 unique CDR3
13 unique J



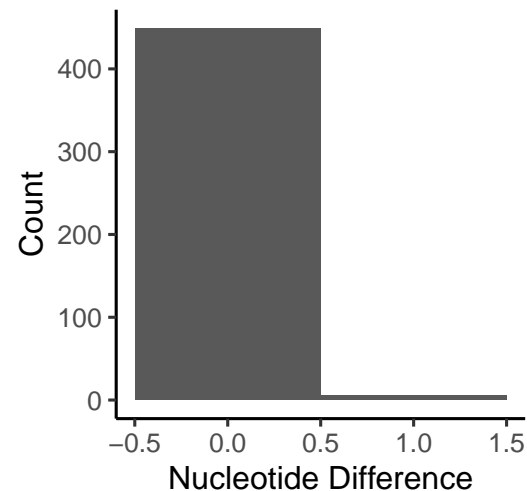
TRBV7-3*ap01

5602 sequences assigned
5530 (98.7%) exact matches, in which:
5425 unique CDR3
13 unique J



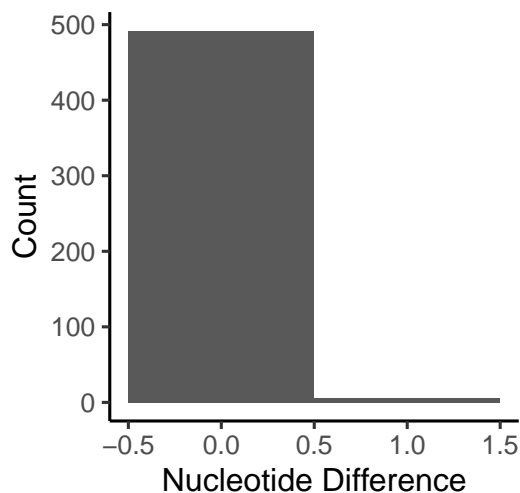
TRBV7-7*ap01

454 sequences assigned
449 (98.9%) exact matches, in which:
438 unique CDR3
13 unique J



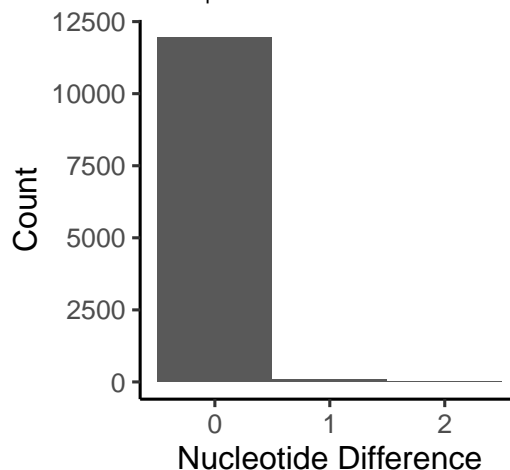
TRBV7-7*ap01_C315T

498 sequences assigned
492 (98.8%) exact matches, in which:
481 unique CDR3
13 unique J



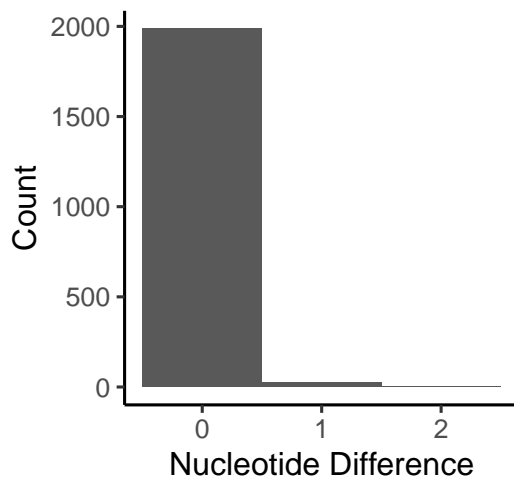
TRBV7-9*ap01

12065 sequences assigned
11961 (99.1%) exact matches, in which:
11726 unique CDR3
13 unique J



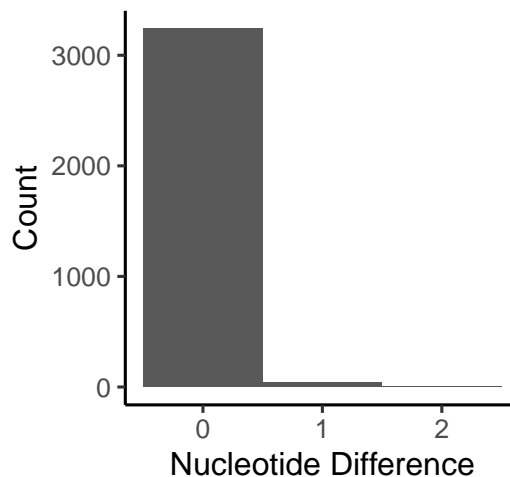
TRBV7-8*ap01

2012 sequences assigned
1987 (98.8%) exact matches, in which:
1936 unique CDR3
13 unique J



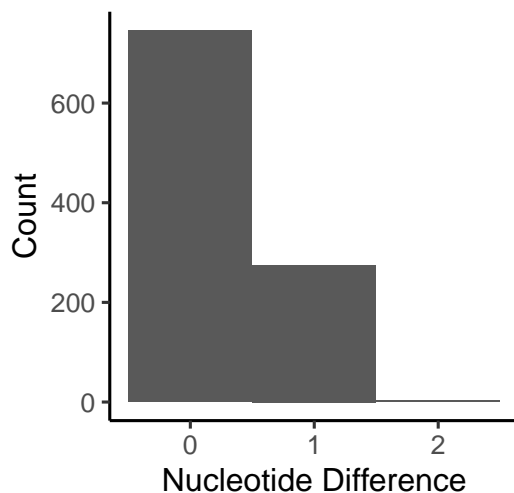
TRBV29-1*ap01

3285 sequences assigned
3240 (98.6%) exact matches, in which:
3173 unique CDR3
13 unique J



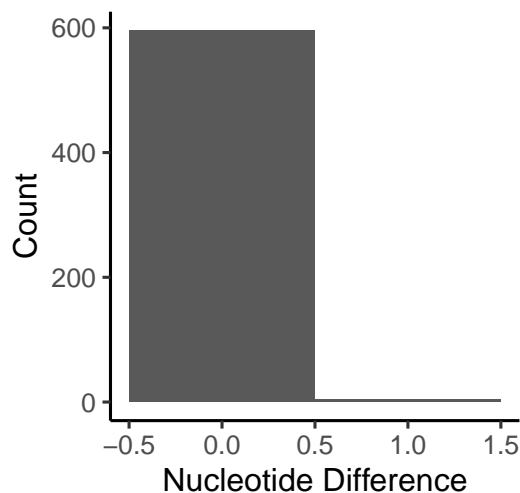
TRBV7-8*ap03

1025 sequences assigned
746 (72.8%) exact matches, in which:
728 unique CDR3
13 unique J

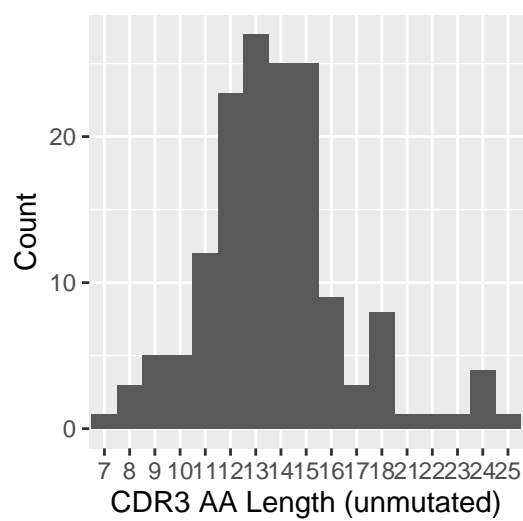


TRBV29-1*ap02

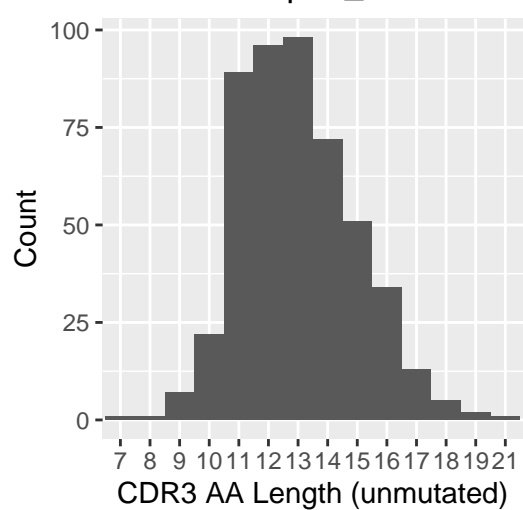
600 sequences assigned
596 (99.3%) exact matches, in which:
585 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.