

Gene TRBV7-1*ap01_G291C_T296C_C314T



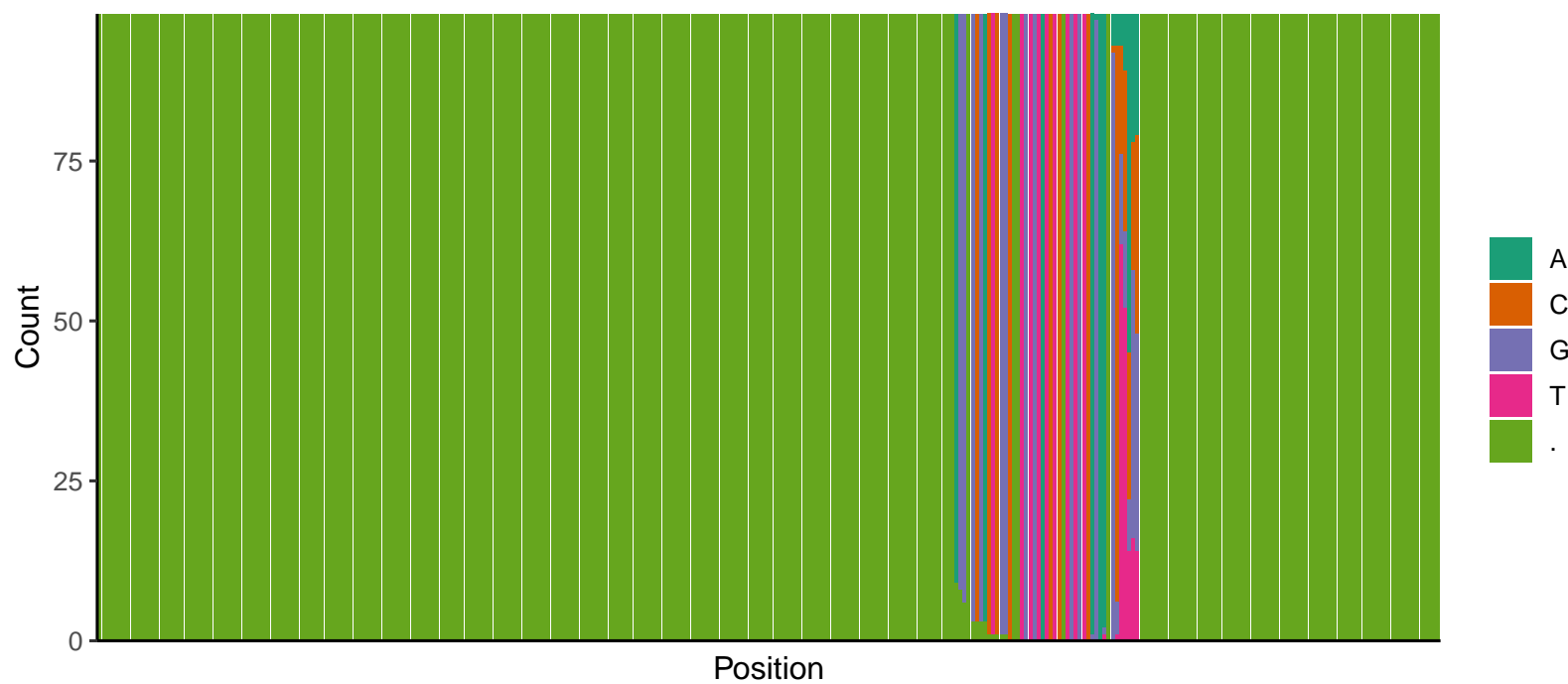
Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C_C314T



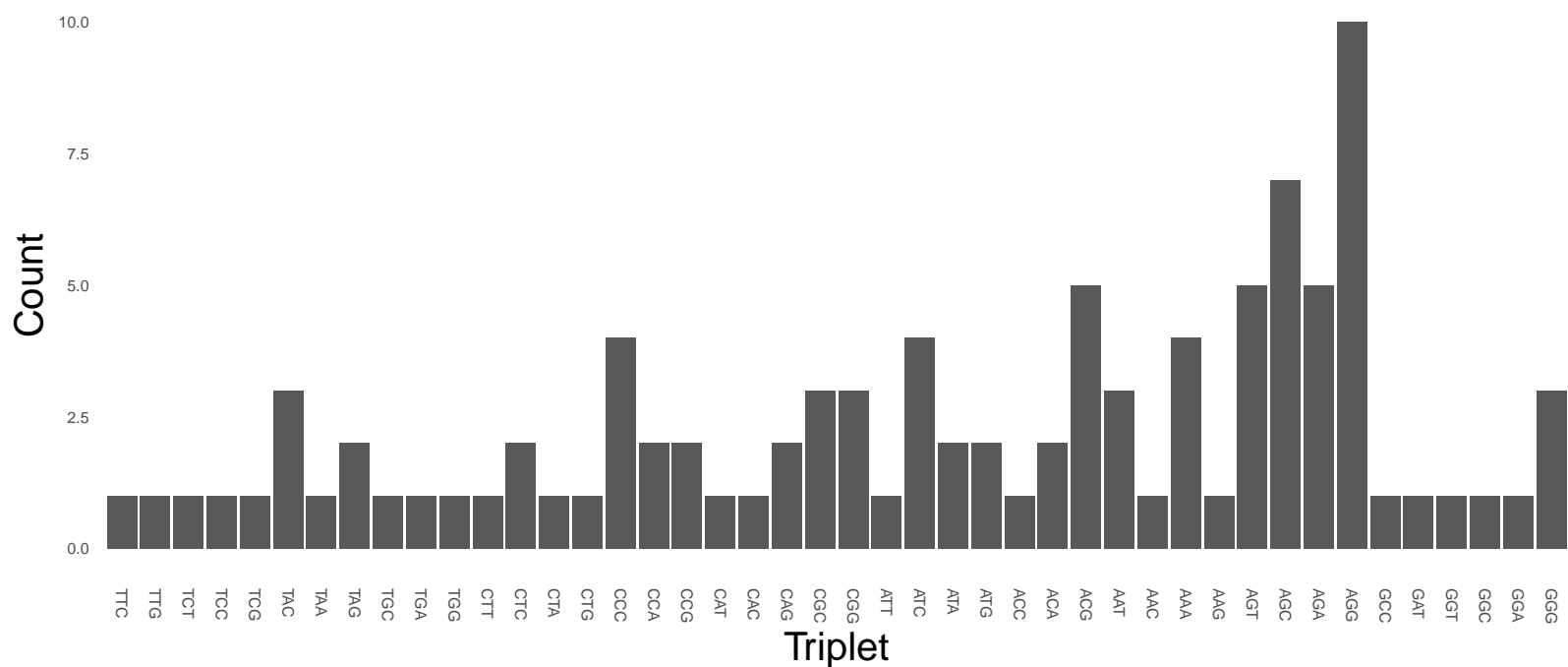
Gene TRBV7-1*ap01_G291C_T296C



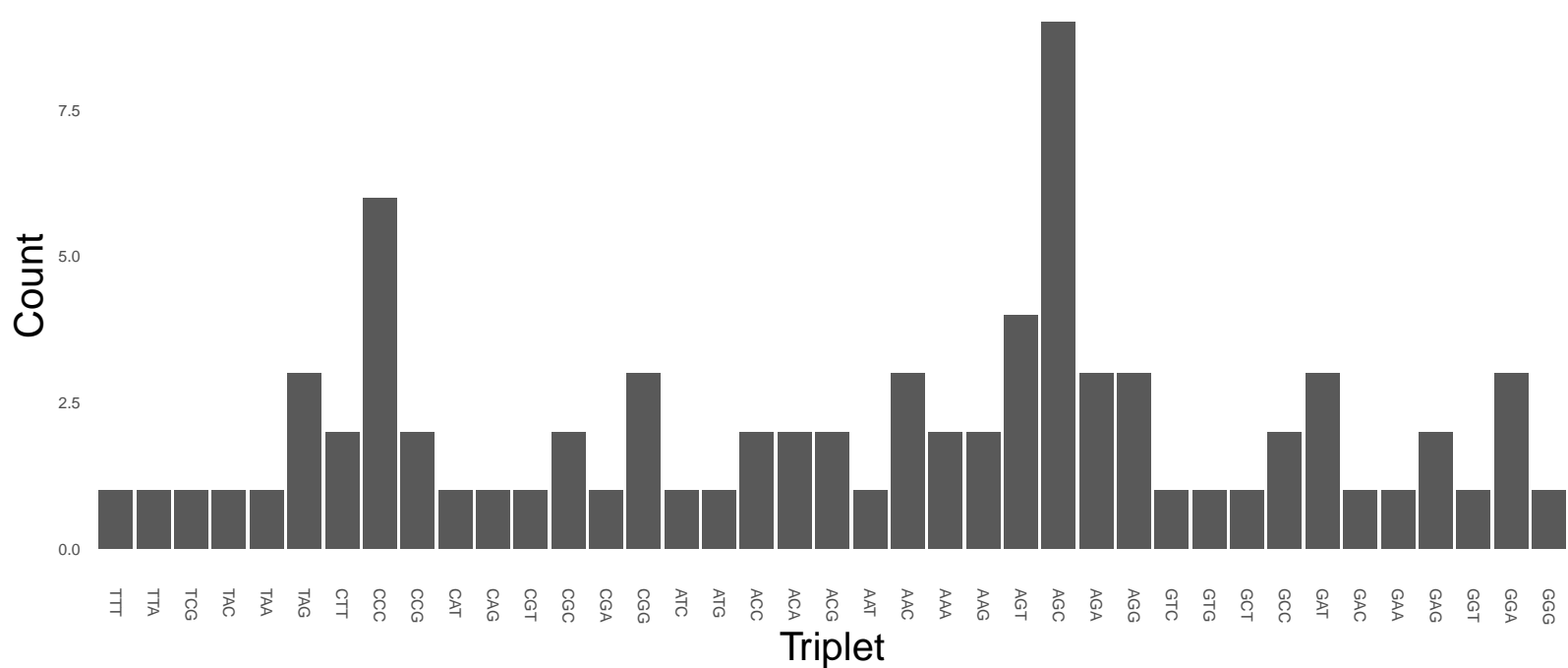
Gene TRBV7-7*ap01_C315T



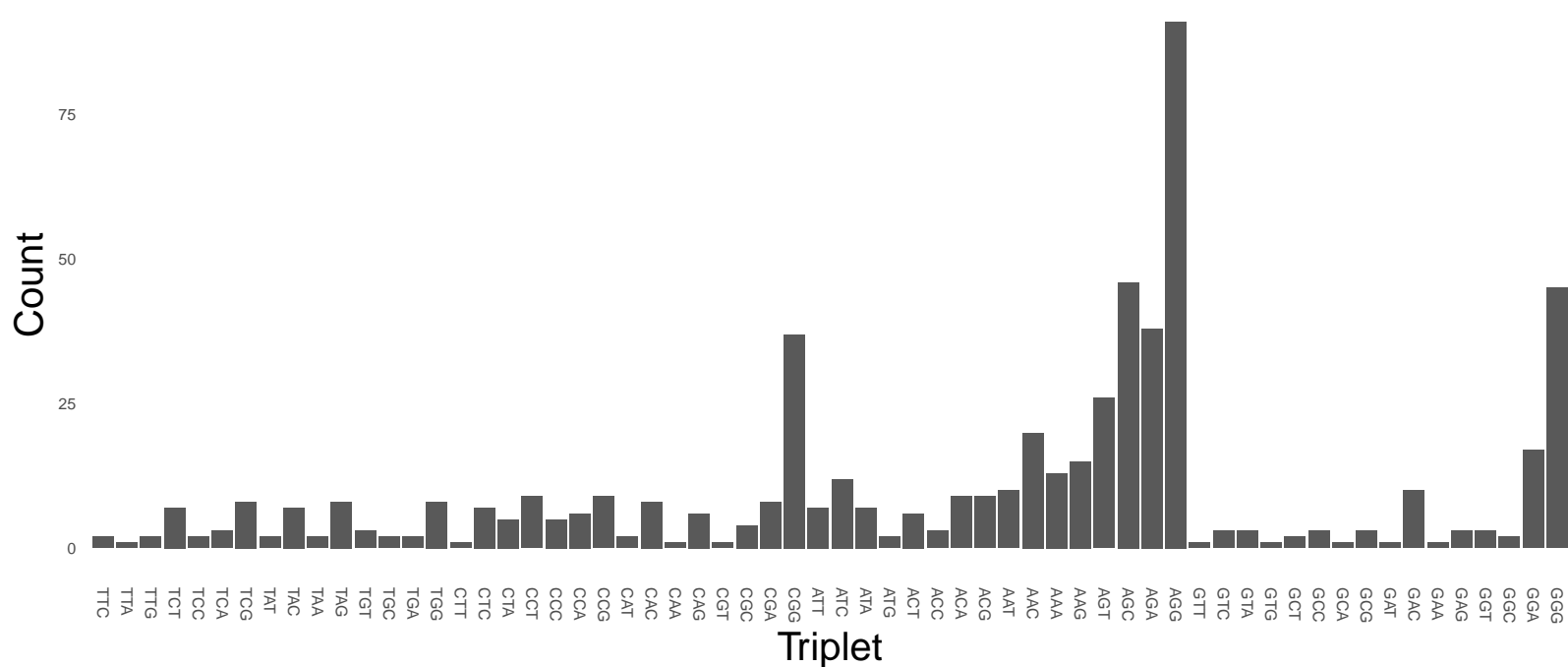
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

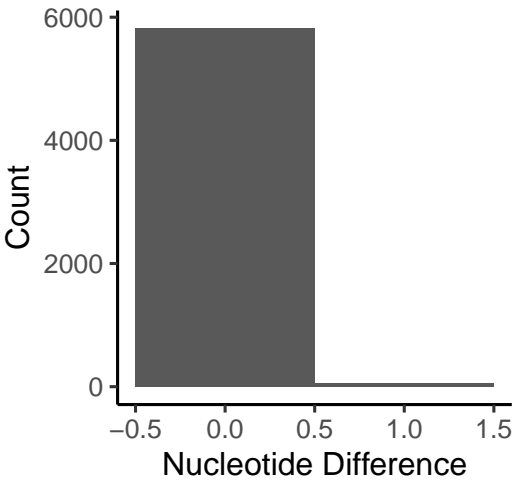


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



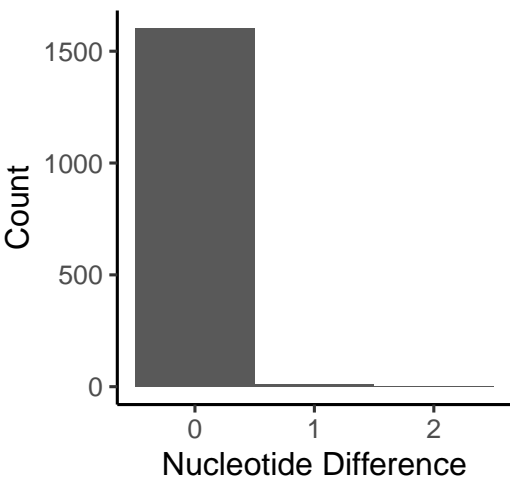
TRBV20-1*ap01

5881 sequences assigned
5818 (98.9%) exact matches, in which:
5759 unique CDR3
13 unique J



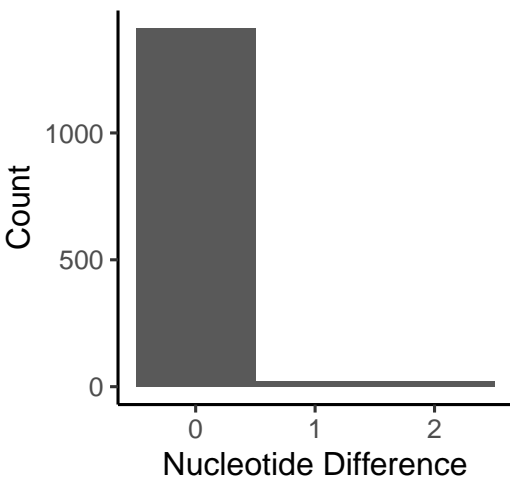
TRBV10-2*ap01

1614 sequences assigned
1602 (99.3%) exact matches, in which:
1566 unique CDR3
13 unique J



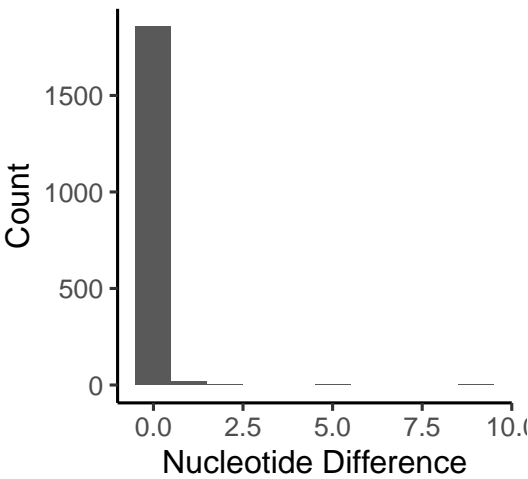
TRBV13*ap01

1452 sequences assigned
1412 (97.2%) exact matches, in which:
1375 unique CDR3
13 unique J



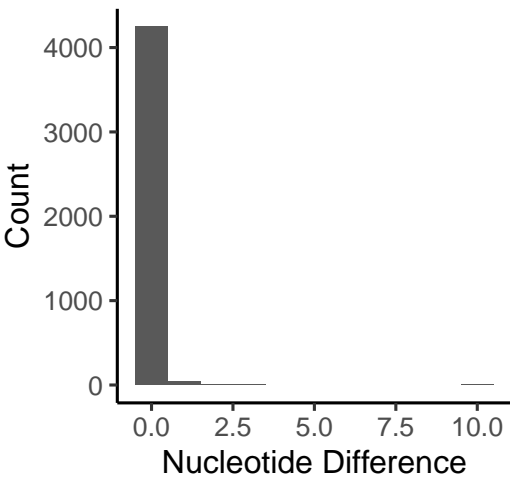
TRBV10-1*ap01

1877 sequences assigned
1856 (98.9%) exact matches, in which:
1819 unique CDR3
13 unique J



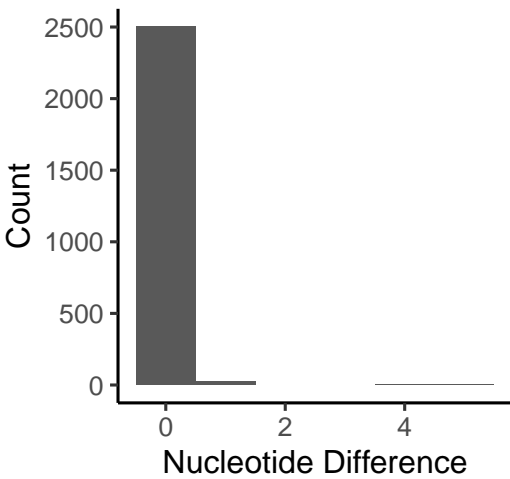
TRBV10-3*ap01

4291 sequences assigned
4247 (99%) exact matches, in which:
4186 unique CDR3
13 unique J



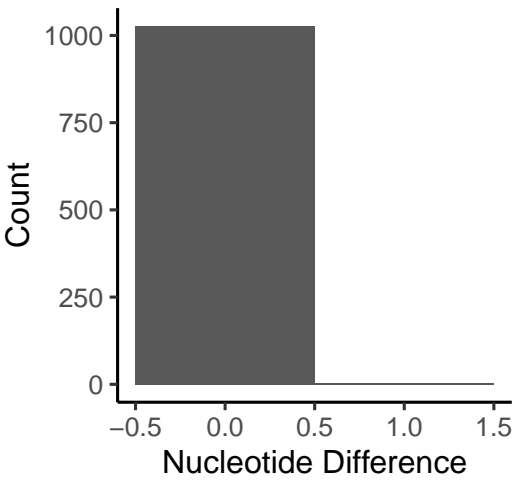
TRBV14*ap01

2525 sequences assigned
2502 (99.1%) exact matches, in which:
2467 unique CDR3
13 unique J



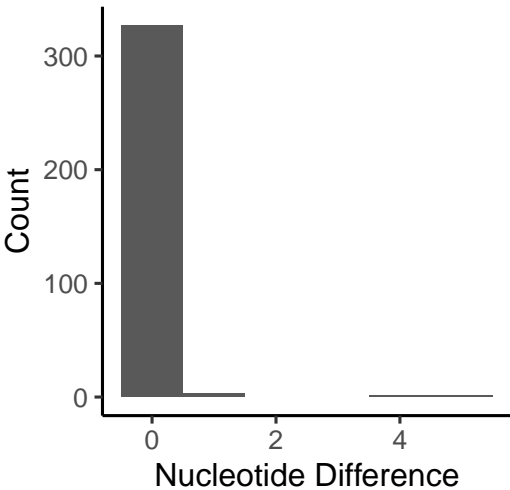
TRBV20-1*ap02

1031 sequences assigned
1027 (99.6%) exact matches, in which:
1012 unique CDR3
13 unique J



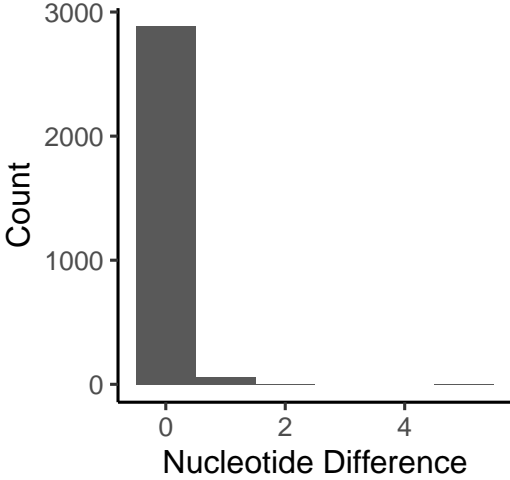
TRBV1*ap01

332 sequences assigned
327 (98.5%) exact matches, in which:
323 unique CDR3
13 unique J



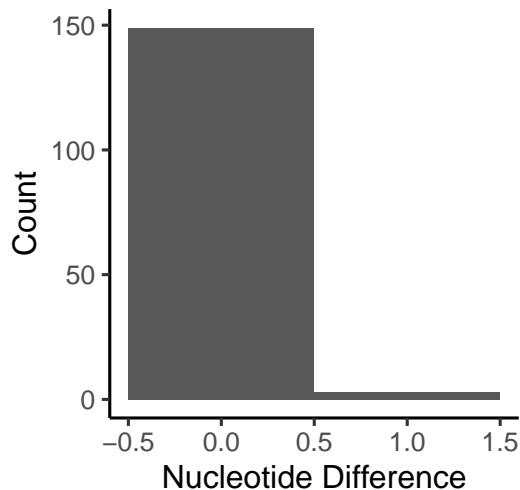
TRBV15*ap02

2949 sequences assigned
2887 (97.9%) exact matches, in which:
2840 unique CDR3
13 unique J



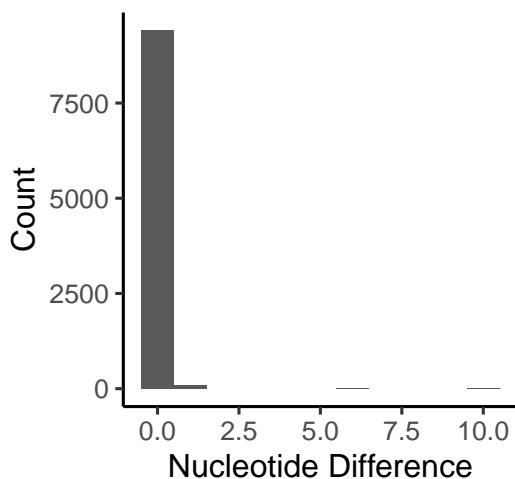
TRBV16*ap01

152 sequences assigned
149 (98%) exact matches, in which:
149 unique CDR3
13 unique J



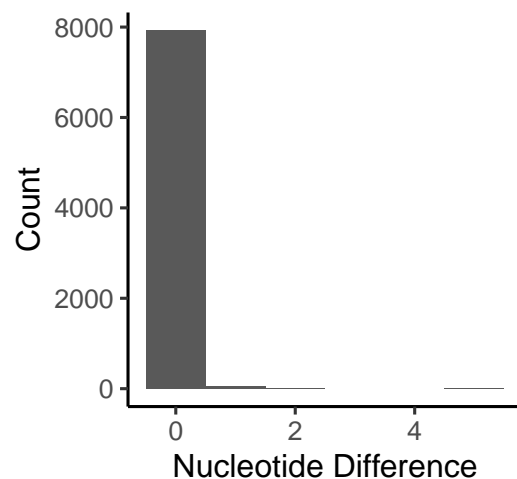
TRBV19*ap01

9508 sequences assigned
9407 (98.9%) exact matches, in which:
9335 unique CDR3
13 unique J



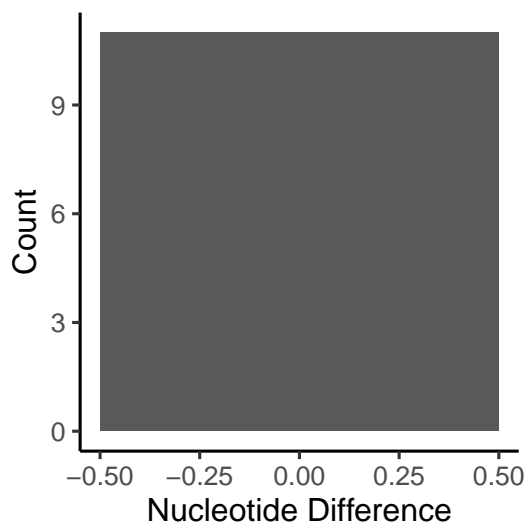
TRBV28*ap01

7991 sequences assigned
7926 (99.2%) exact matches, in which:
7827 unique CDR3
13 unique J



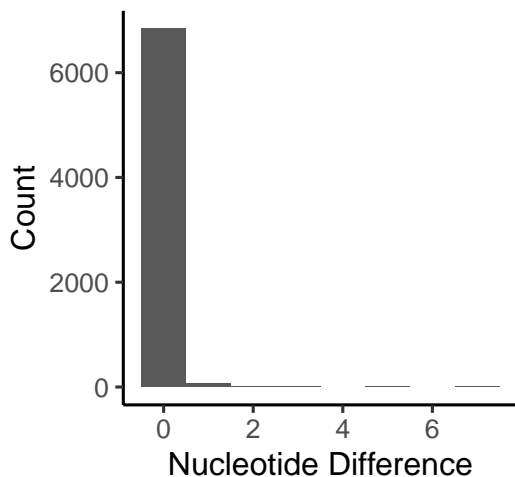
TRBV17*ap01

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



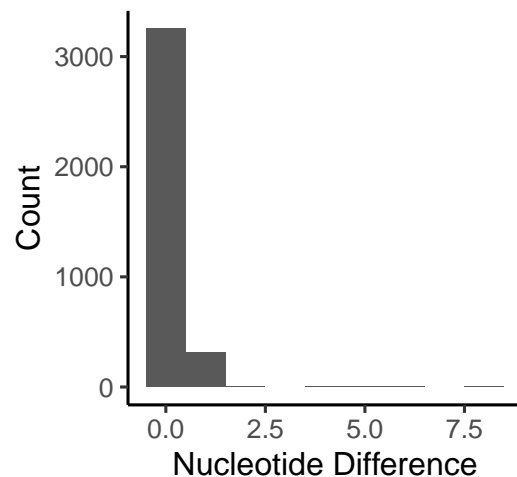
TRBV2*ap01

6915 sequences assigned
6839 (98.9%) exact matches, in which:
6713 unique CDR3
13 unique J



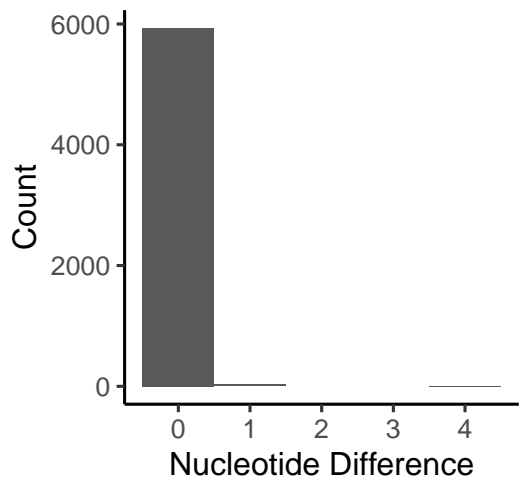
TRBV30*ap01

3570 sequences assigned
3253 (91.1%) exact matches, in which:
3190 unique CDR3
13 unique J



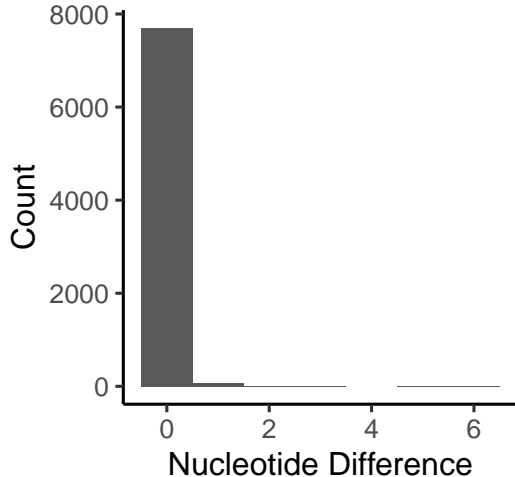
TRBV18*ap01

5963 sequences assigned
5933 (99.5%) exact matches, in which:
5898 unique CDR3
13 unique J



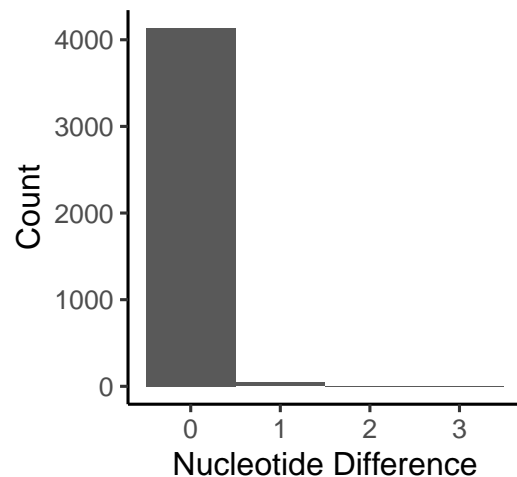
TRBV27*ap01

7772 sequences assigned
7698 (99%) exact matches, in which:
7586 unique CDR3
13 unique J



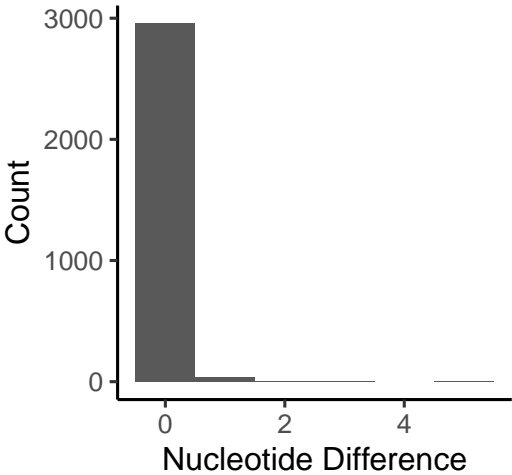
TRBV9*ap01

4180 sequences assigned
4135 (98.9%) exact matches, in which:
4103 unique CDR3
13 unique J



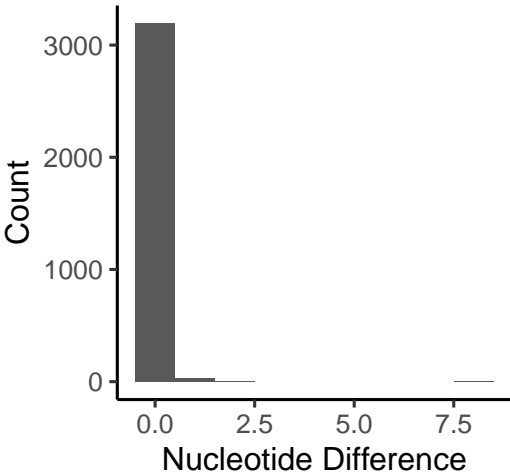
TRBV21-1*ap01

2996 sequences assigned
2957 (98.7%) exact matches, in which:
2938 unique CDR3
13 unique J



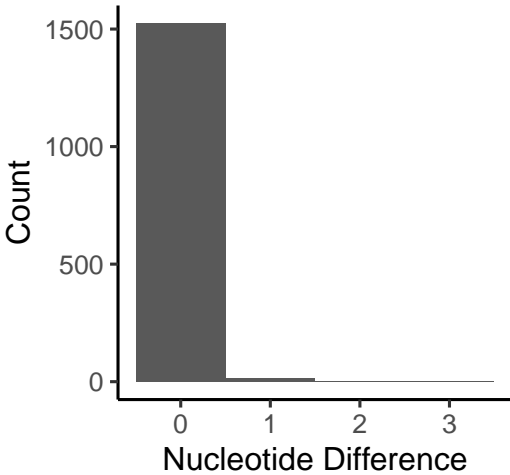
TRBV11-3*ap01

3226 sequences assigned
3193 (99%) exact matches, in which:
3146 unique CDR3
13 unique J



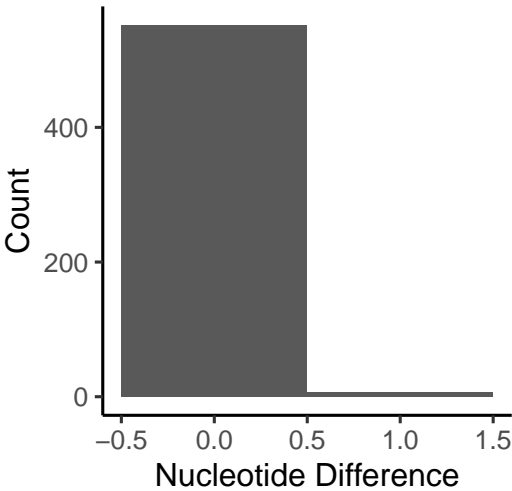
TRBV12-5*ap01

1542 sequences assigned
1524 (98.8%) exact matches, in which:
1502 unique CDR3
13 unique J



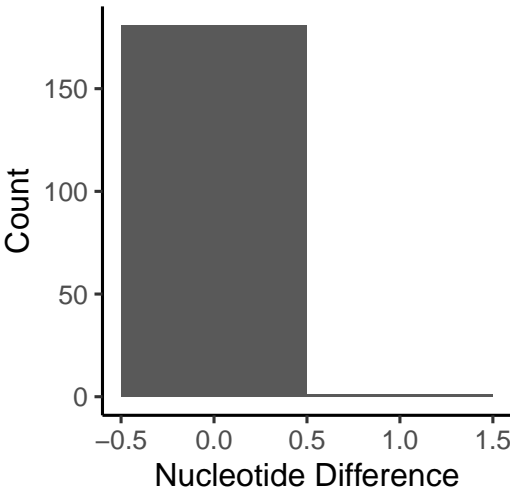
TRBV11-1*ap01

559 sequences assigned
552 (98.7%) exact matches, in which:
544 unique CDR3
13 unique J



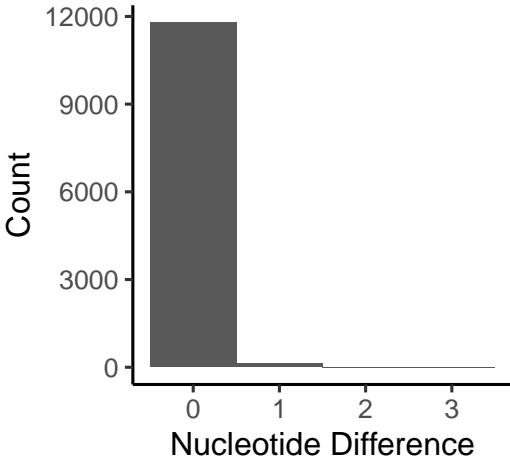
TRBV12-1*ap01

182 sequences assigned
181 (99.5%) exact matches, in which:
180 unique CDR3
12 unique J



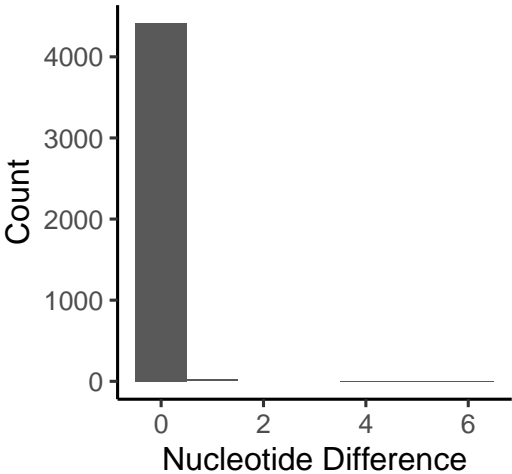
TRBV12-34*ap01

11924 sequences assigned
11793 (98.9%) exact matches, in which:
11612 unique CDR3
13 unique J



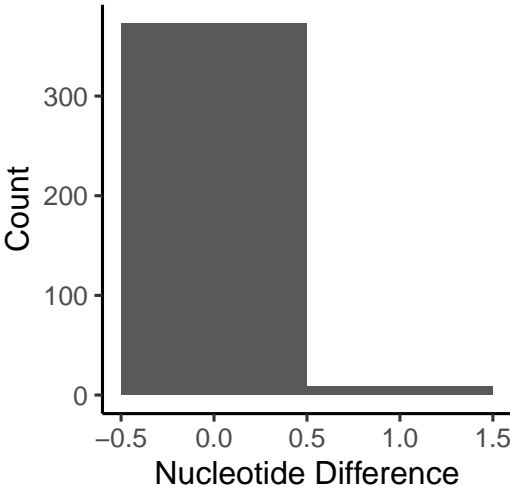
TRBV11-2*ap01

4440 sequences assigned
4416 (99.5%) exact matches, in which:
4363 unique CDR3
13 unique J



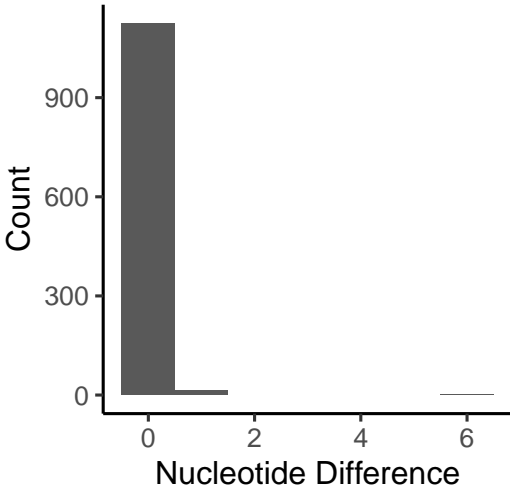
TRBV12-2*ap01

382 sequences assigned
373 (97.6%) exact matches, in which:
365 unique CDR3
13 unique J



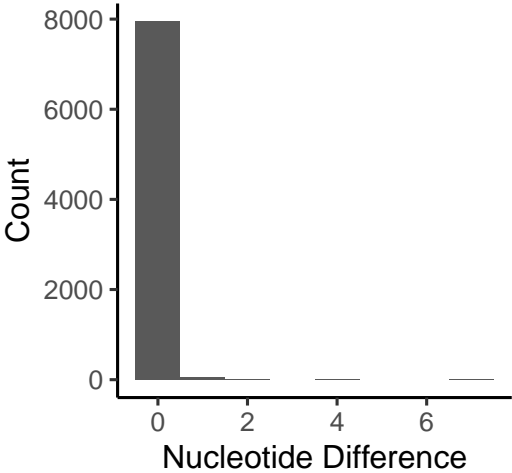
TRBV23-1*ap01

1140 sequences assigned
1125 (98.7%) exact matches, in which:
1115 unique CDR3
13 unique J



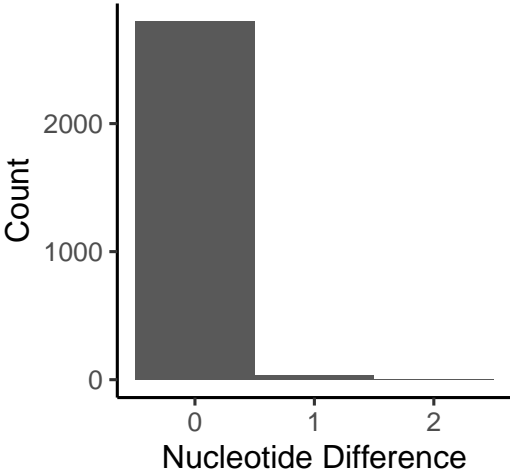
TRBV3-12*ap01

8002 sequences assigned
7949 (99.3%) exact matches, in which:
7877 unique CDR3
13 unique J



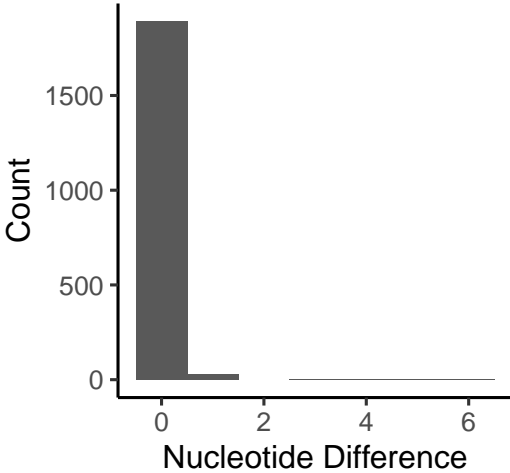
TRBV4-2*ap01

2834 sequences assigned
2798 (98.7%) exact matches, in which:
2746 unique CDR3
13 unique J



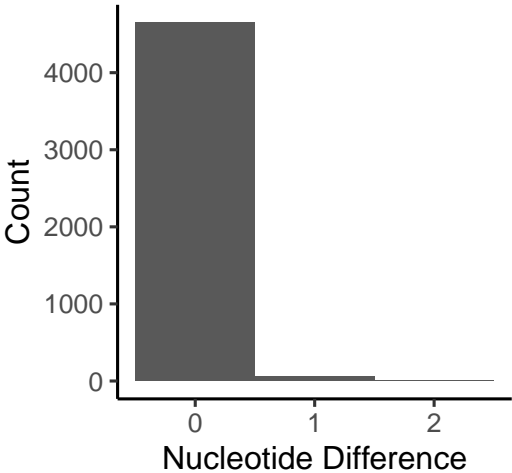
TRBV25-1*ap01

1923 sequences assigned
1891 (98.3%) exact matches, in which:
1848 unique CDR3
13 unique J



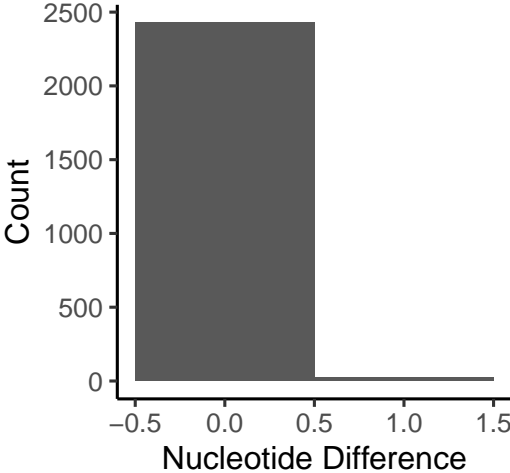
TRBV4-1*ap01

4702 sequences assigned
4648 (98.9%) exact matches, in which:
4578 unique CDR3
13 unique J



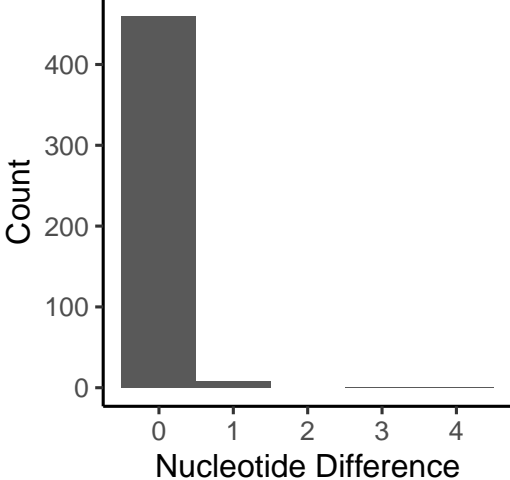
TRBV4-3*ap01

2449 sequences assigned
2428 (99.1%) exact matches, in which:
2385 unique CDR3
13 unique J



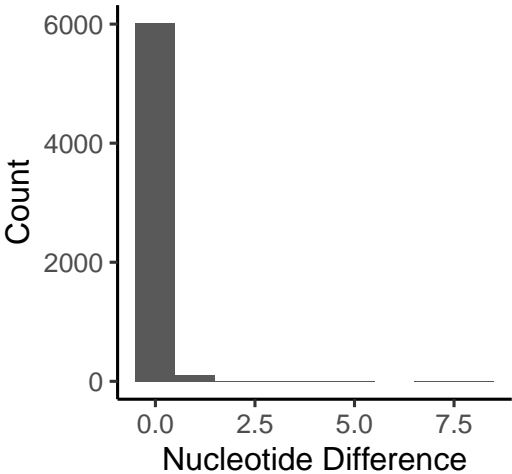
TRBV5-3*ap01

470 sequences assigned
460 (97.9%) exact matches, in which:
452 unique CDR3
13 unique J



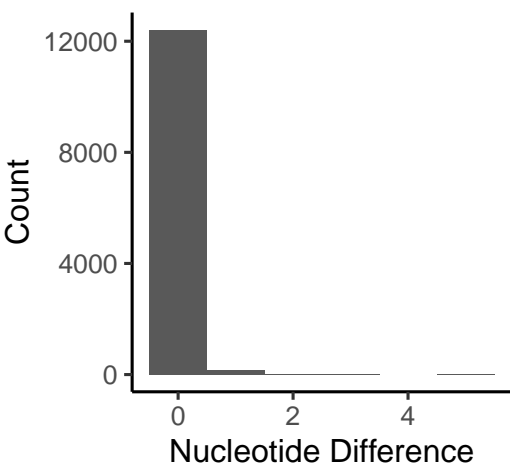
TRBV24-1*ap01

6137 sequences assigned
6018 (98.1%) exact matches, in which:
5909 unique CDR3
13 unique J



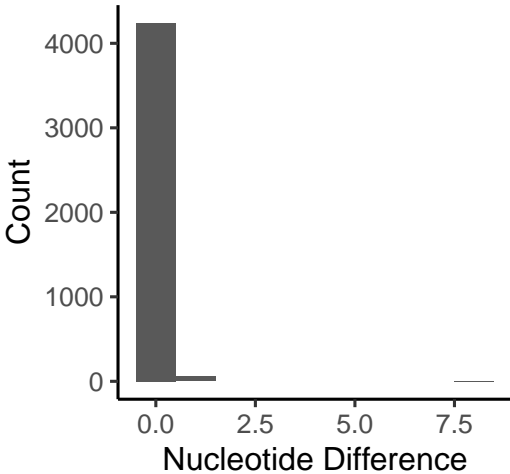
TRBV5-1*ap01

12589 sequences assigned
12412 (98.6%) exact matches, in which:
12193 unique CDR3
13 unique J



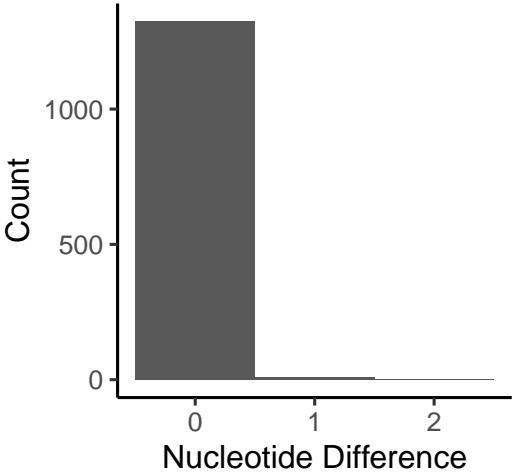
TRBV5-4*ap01

4296 sequences assigned
4240 (98.7%) exact matches, in which:
4170 unique CDR3
13 unique J



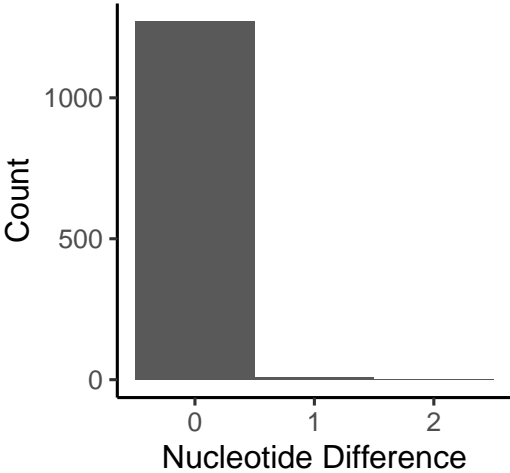
TRBV5-5*ap01

1334 sequences assigned
1324 (99.3%) exact matches, in which:
1316 unique CDR3
13 unique J



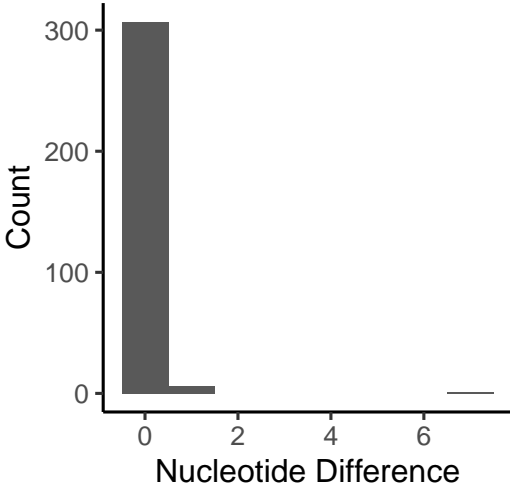
TRBV5-8*ap01

1280 sequences assigned
1271 (99.3%) exact matches, in which:
1248 unique CDR3
13 unique J



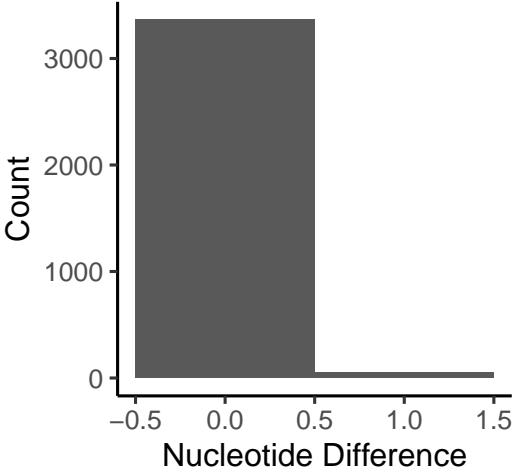
TRBV6-7*ap01

314 sequences assigned
307 (97.8%) exact matches, in which:
300 unique CDR3
13 unique J



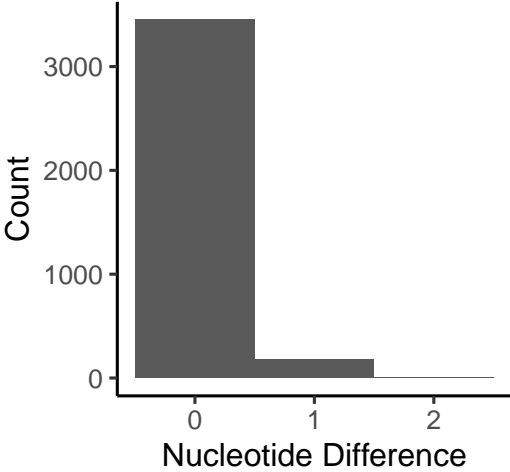
TRBV5-6*ap01

3417 sequences assigned
3364 (98.4%) exact matches, in which:
3274 unique CDR3
13 unique J



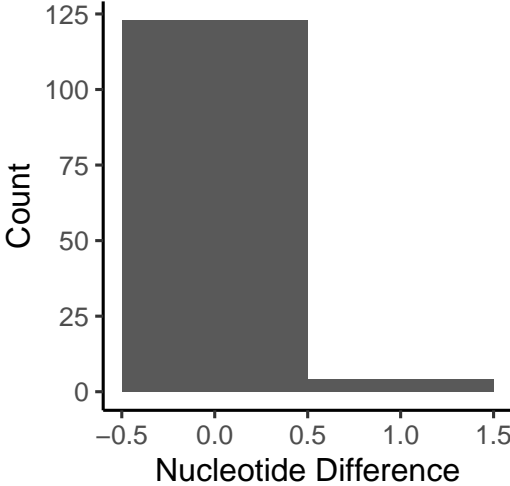
TRBV6-1*ap01

3637 sequences assigned
3451 (94.9%) exact matches, in which:
3382 unique CDR3
13 unique J



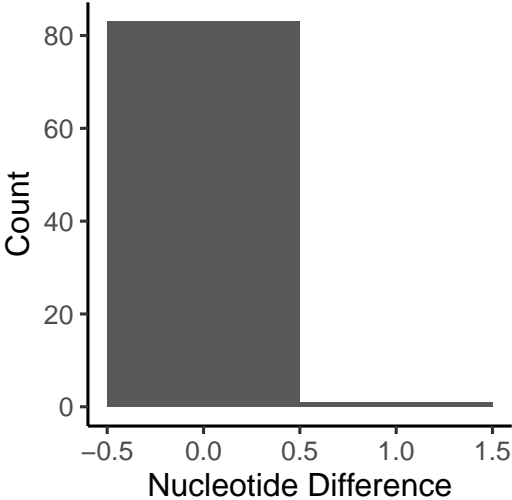
TRBV6-8*ap01

127 sequences assigned
123 (96.9%) exact matches, in which:
121 unique CDR3
13 unique J



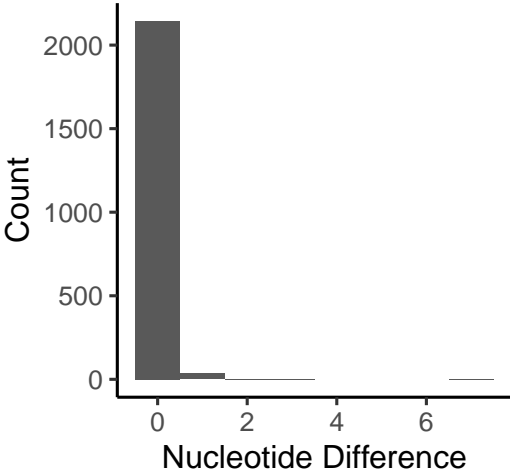
TRBV5-7*ap01

84 sequences assigned
83 (98.8%) exact matches, in which:
80 unique CDR3
13 unique J



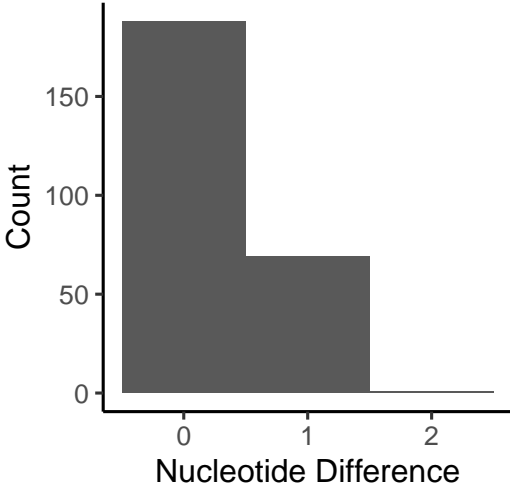
TRBV6-4*ap01

2183 sequences assigned
2144 (98.2%) exact matches, in which:
2130 unique CDR3
13 unique J



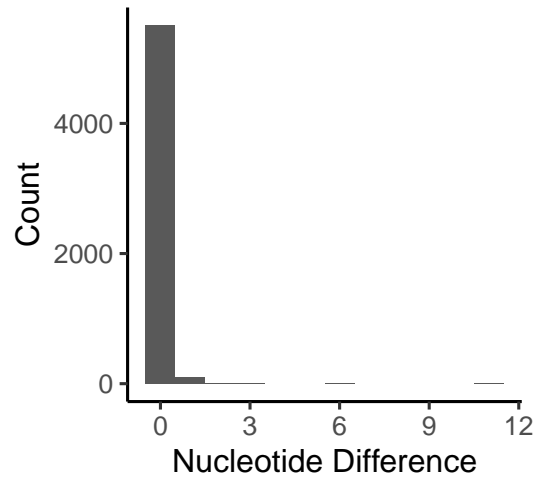
TRBV6-9*ap01

258 sequences assigned
188 (72.9%) exact matches, in which:
185 unique CDR3
13 unique J



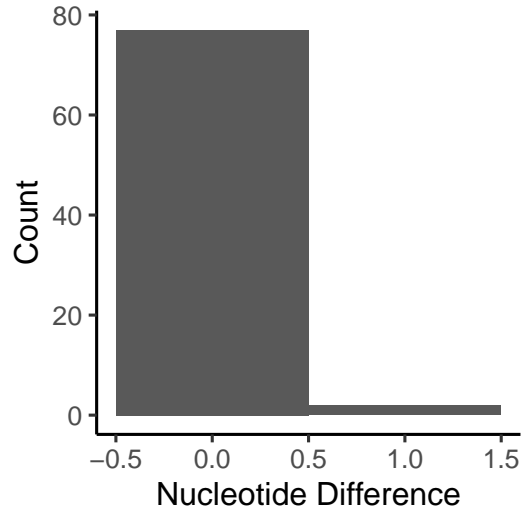
TRBV6-23*ap01

5604 sequences assigned
5506 (98.3%) exact matches, in which:
5337 unique CDR3
13 unique J



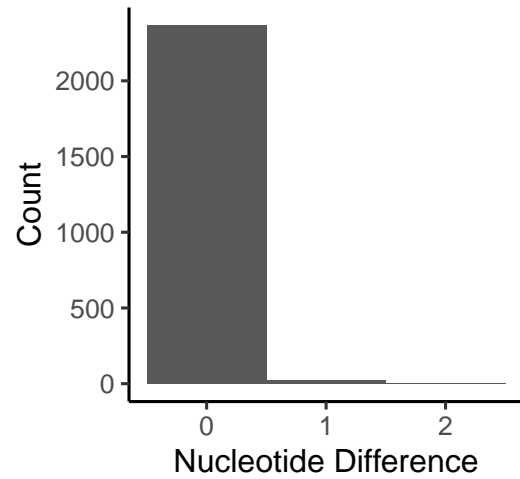
TRBV7-1*ap01_G291C_T

79 sequences assigned
77 (97.5%) exact matches, in which:
76 unique CDR3
11 unique J



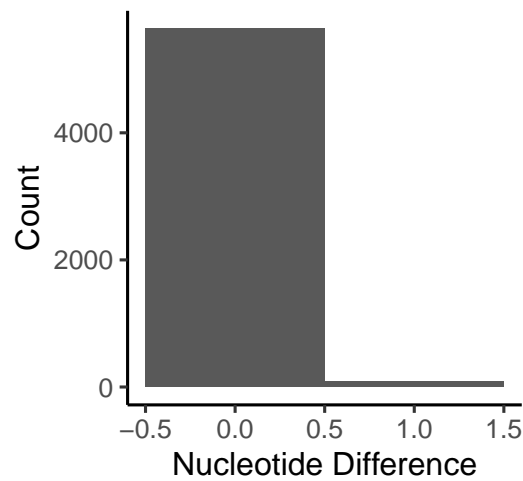
TRBV7-3*ap01

2394 sequences assigned
2366 (98.8%) exact matches, in which:
2340 unique CDR3
13 unique J



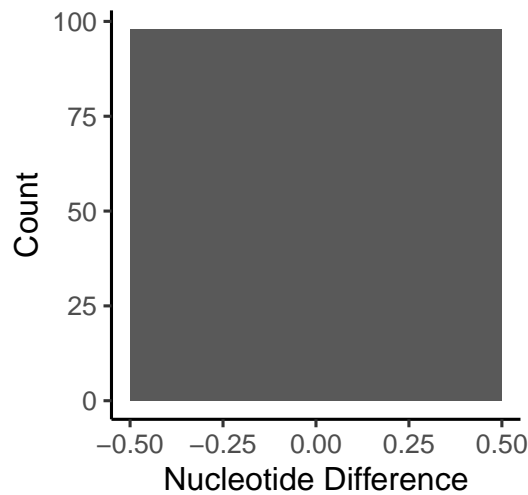
TRBV6-56*ap01

5723 sequences assigned
5638 (98.5%) exact matches, in which:
5502 unique CDR3
13 unique J



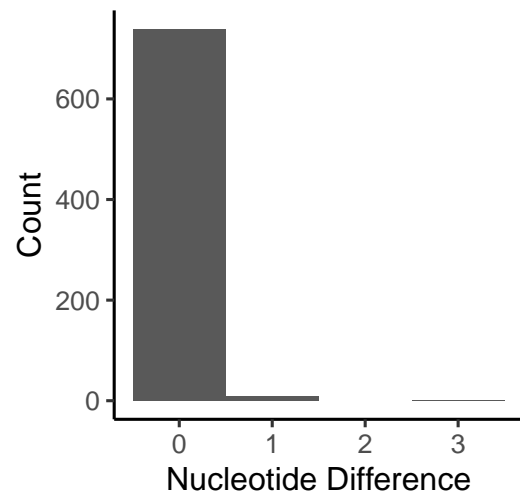
TRBV7-1*ap01_G291C_

98 sequences assigned
98 (100%) exact matches, in which:
96 unique CDR3
11 unique J



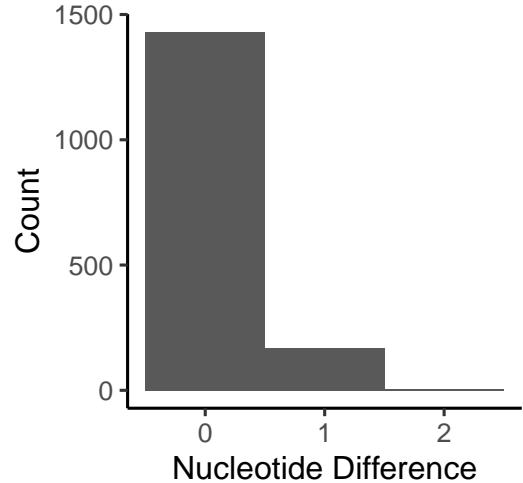
TRBV7-3*ap03

749 sequences assigned
739 (98.7%) exact matches, in which:
731 unique CDR3
13 unique J



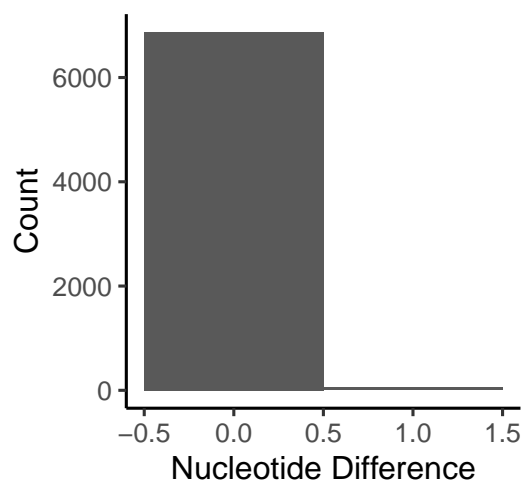
TRBV6-56*ap02

1604 sequences assigned
1430 (89.2%) exact matches, in which:
1397 unique CDR3
13 unique J



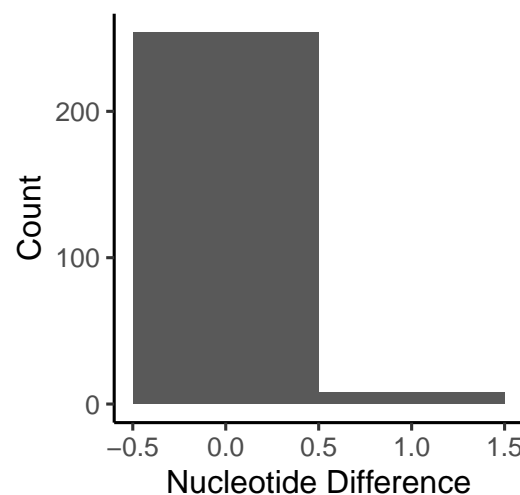
TRBV7-2*ap01

6925 sequences assigned
6872 (99.2%) exact matches, in which:
6787 unique CDR3
13 unique J



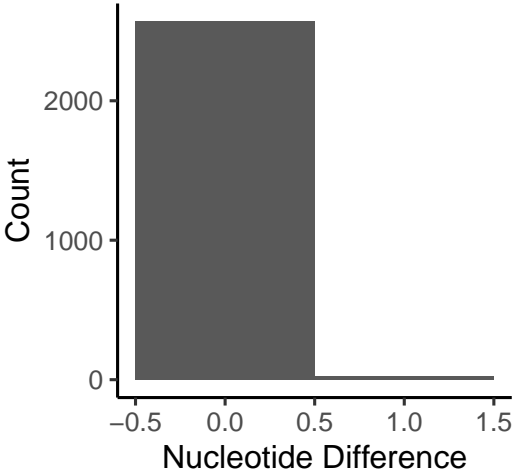
TRBV7-4*ap01

262 sequences assigned
254 (96.9%) exact matches, in which:
253 unique CDR3
13 unique J



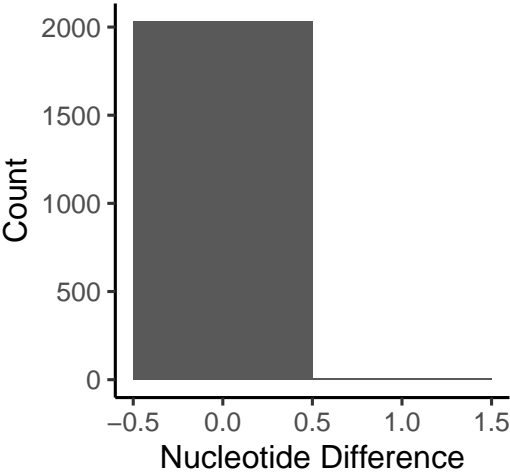
TRBV7-6*ap01

2594 sequences assigned
2569 (99%) exact matches, in which:
2530 unique CDR3
13 unique J



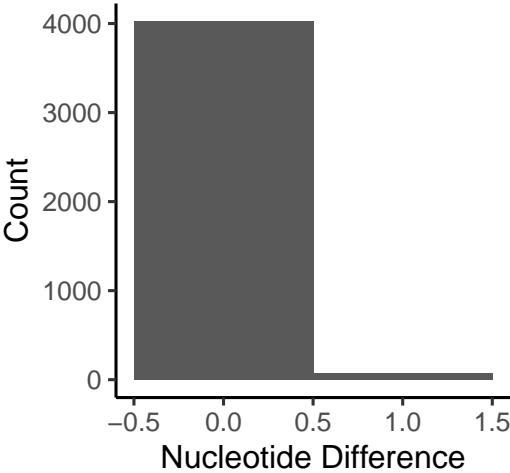
TRBV7-8*ap01

2042 sequences assigned
2032 (99.5%) exact matches, in which:
2011 unique CDR3
13 unique J



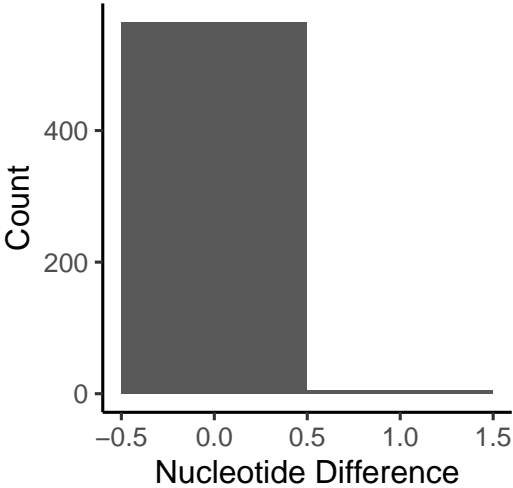
TRBV29-1*ap01

4098 sequences assigned
4024 (98.2%) exact matches, in which:
3916 unique CDR3
13 unique J



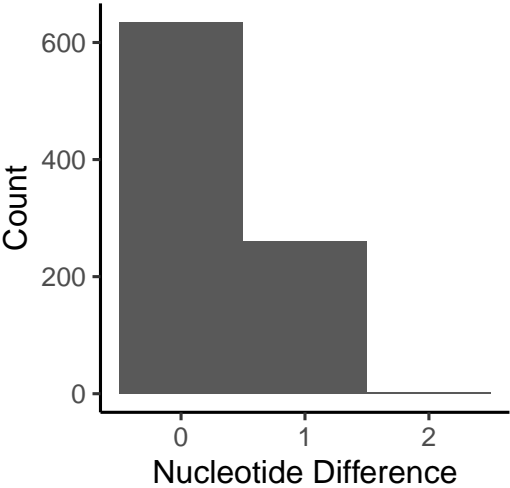
TRBV7-7*ap01

570 sequences assigned
565 (99.1%) exact matches, in which:
554 unique CDR3
13 unique J



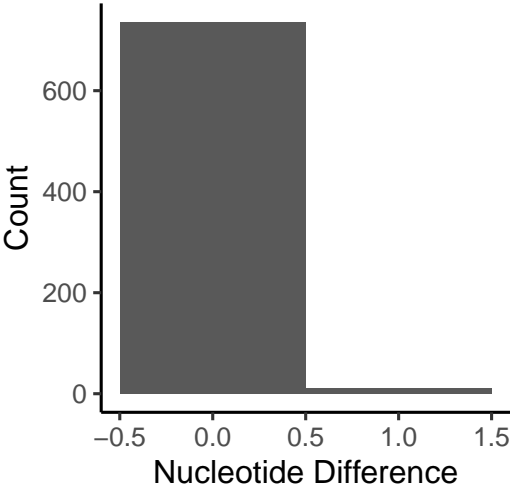
TRBV7-8*ap03

899 sequences assigned
635 (70.6%) exact matches, in which:
625 unique CDR3
13 unique J



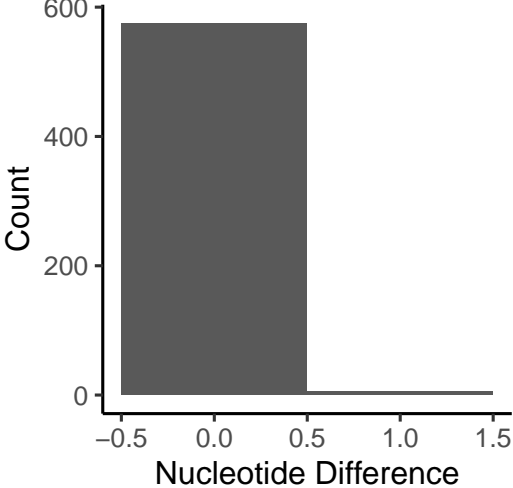
TRBV29-1*ap02

747 sequences assigned
736 (98.5%) exact matches, in which:
719 unique CDR3
13 unique J



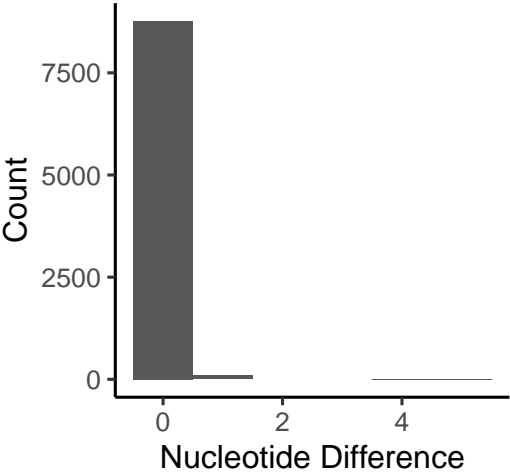
TRBV7-7*ap01_C315T

581 sequences assigned
575 (99%) exact matches, in which:
571 unique CDR3
13 unique J

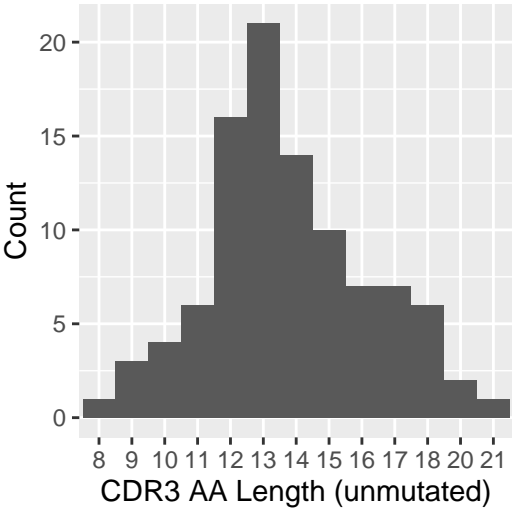


TRBV7-9*ap01

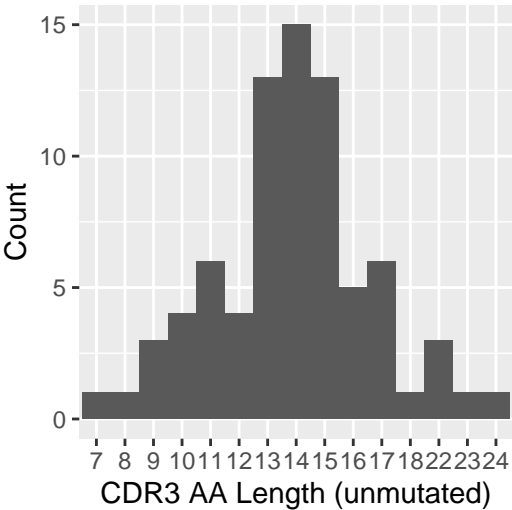
8860 sequences assigned
8767 (99%) exact matches, in which:
8657 unique CDR3
13 unique J



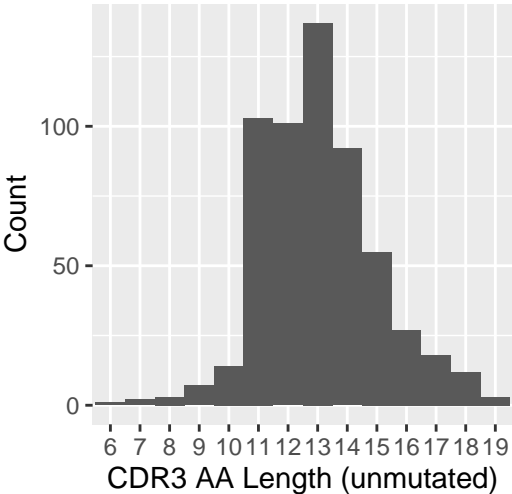
TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.