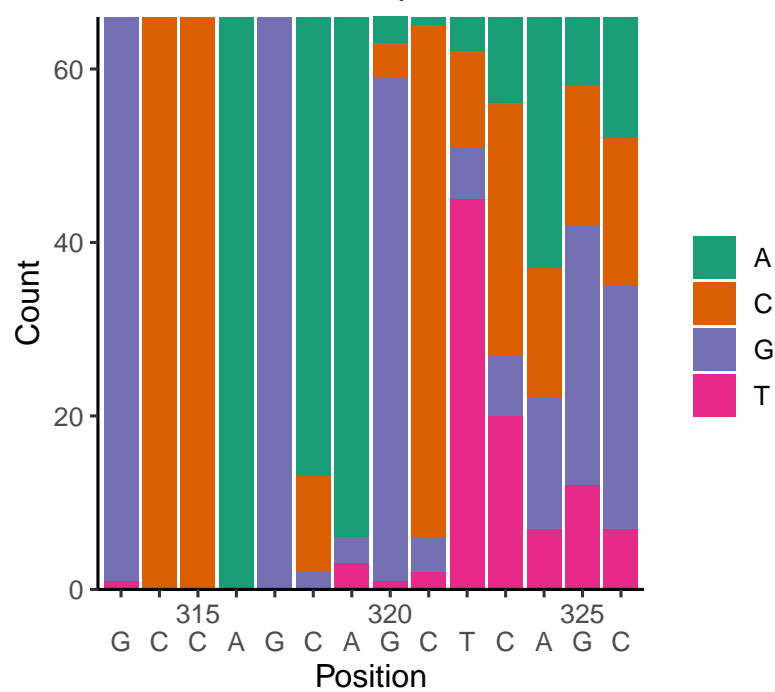
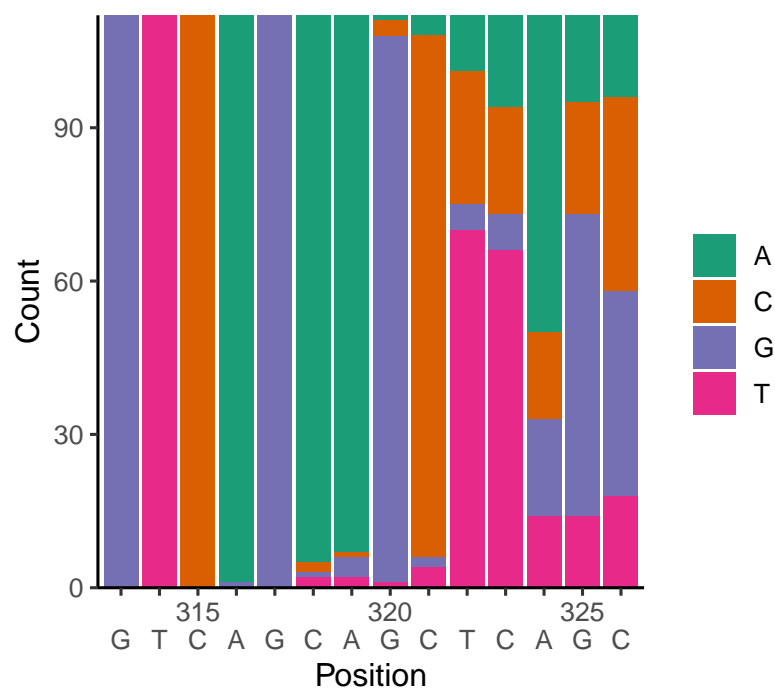


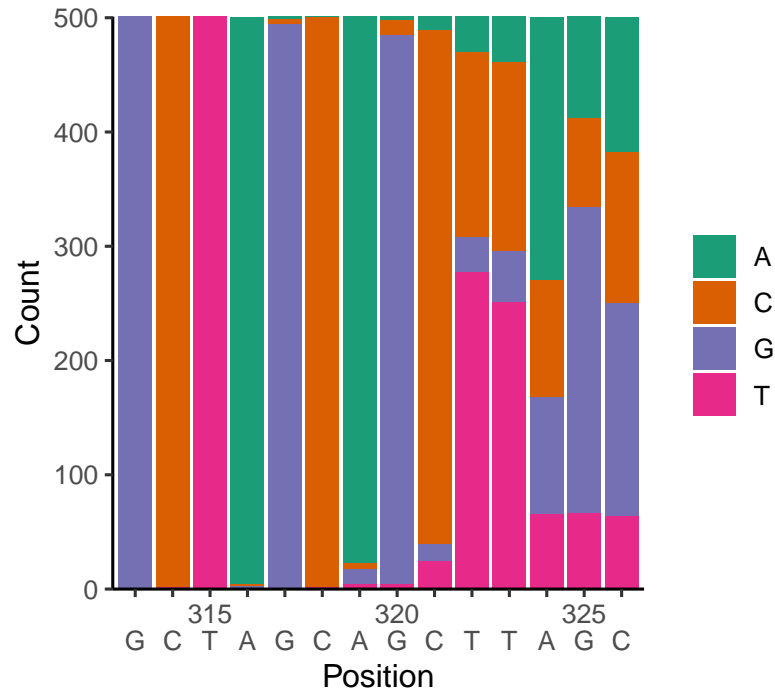
Gene TRBV7-1*ap01_G291C_T296C



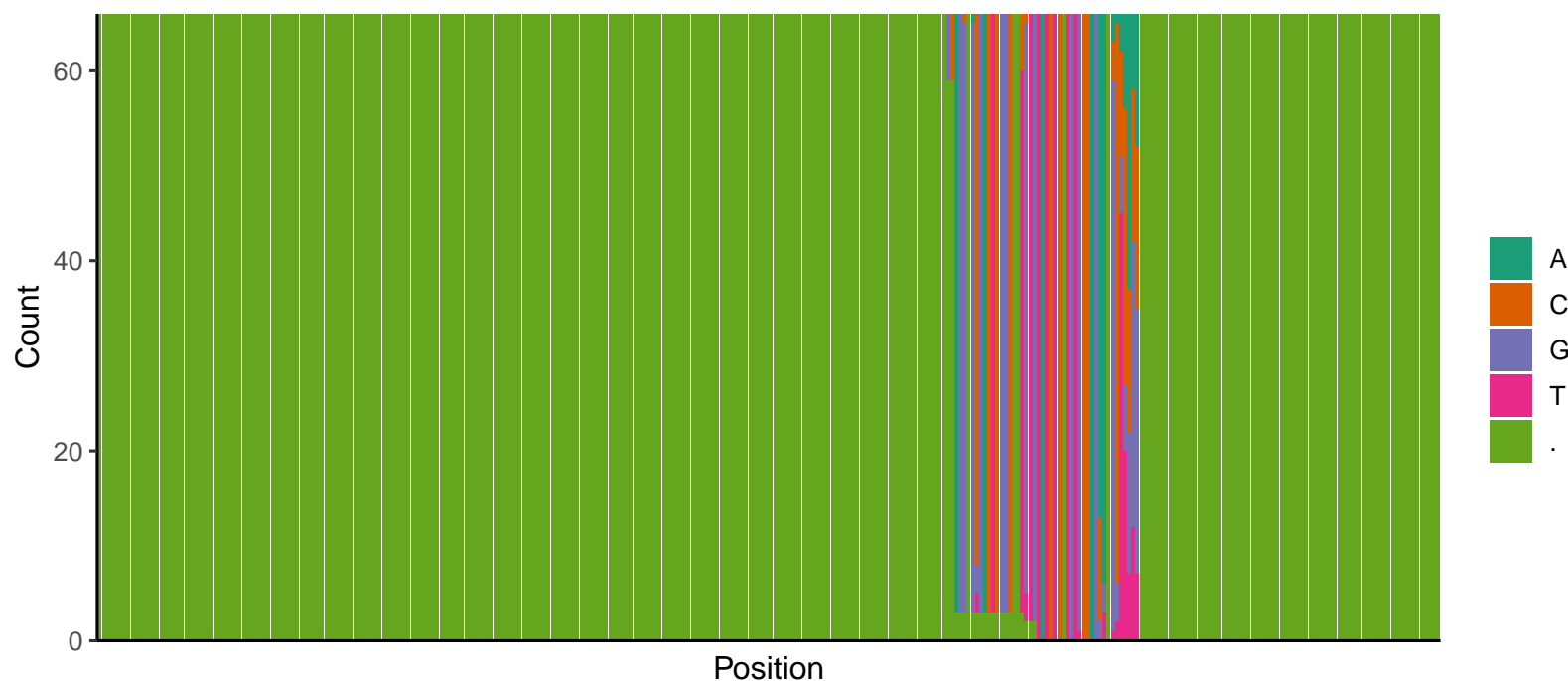
Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C



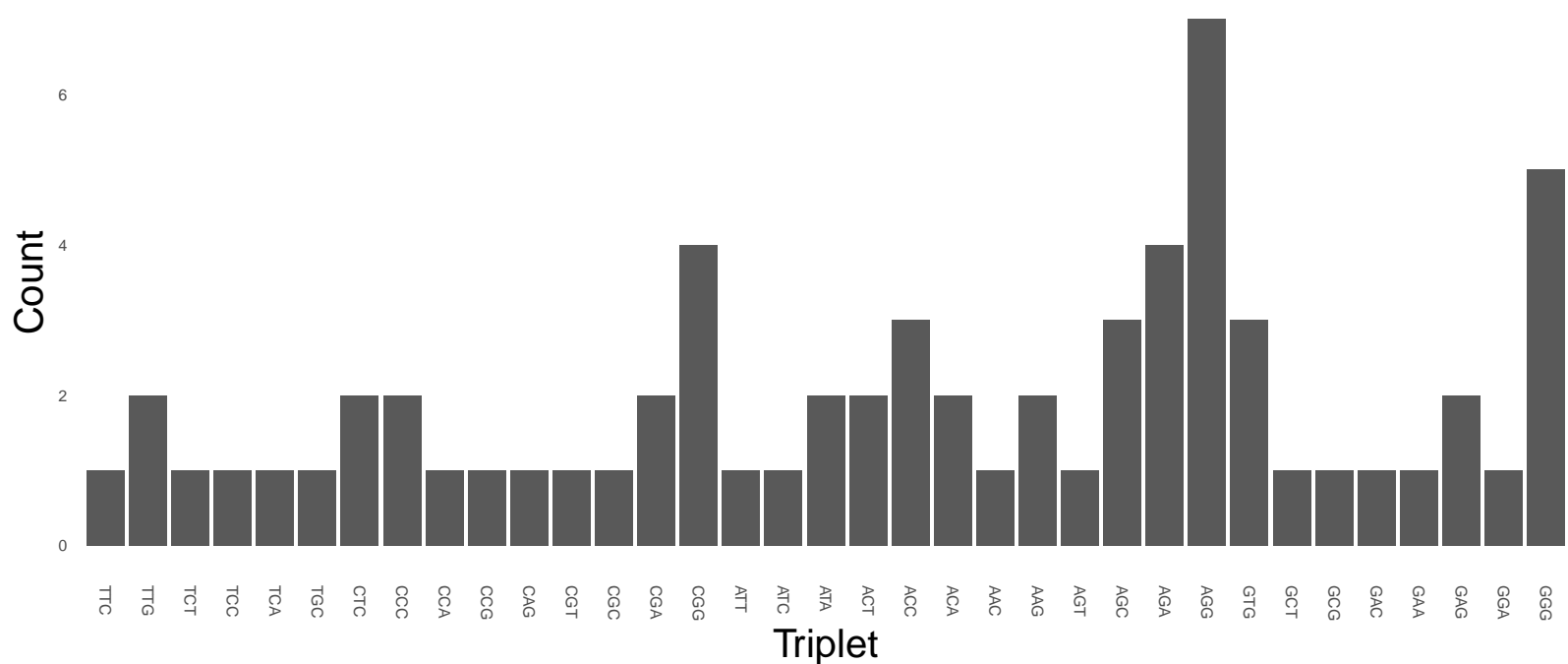
Gene TRBV7-1*ap01_G291C_T296C_C314T



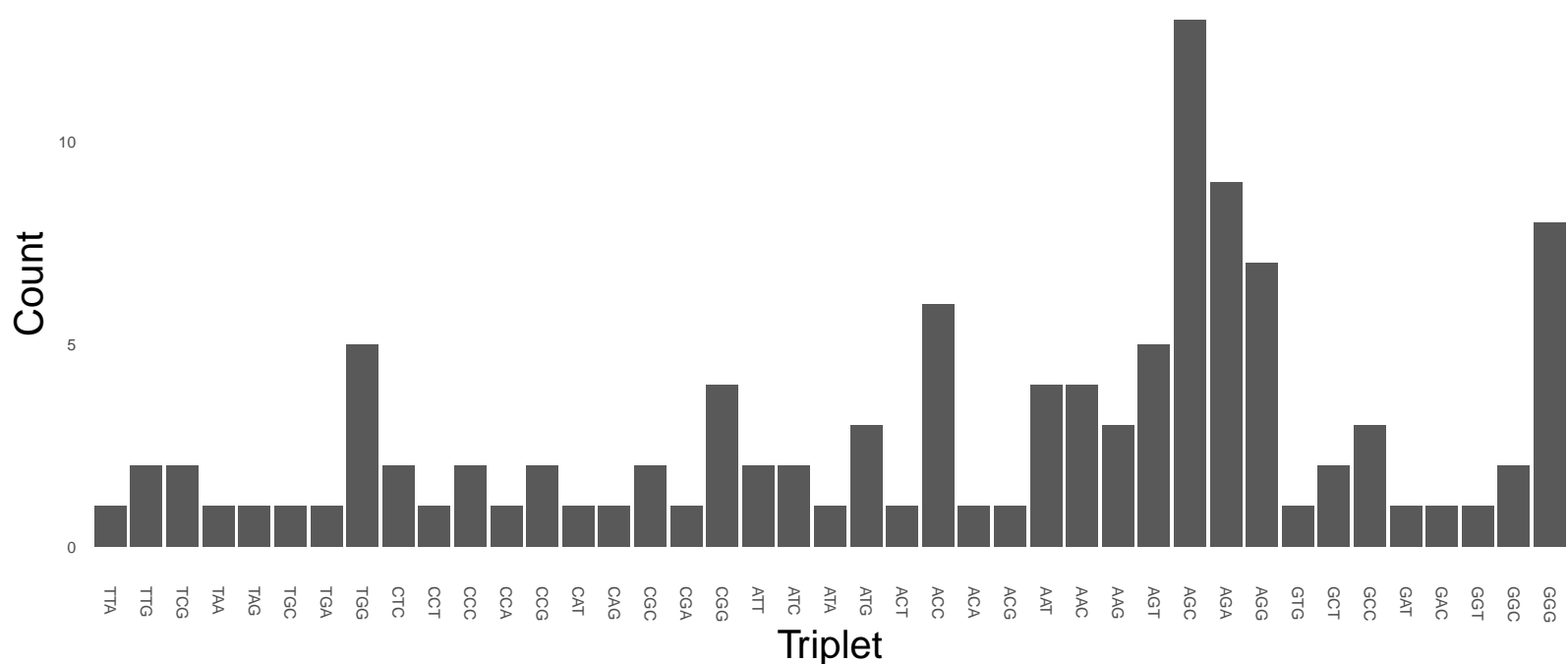
Gene TRBV7-7*ap01_C315T



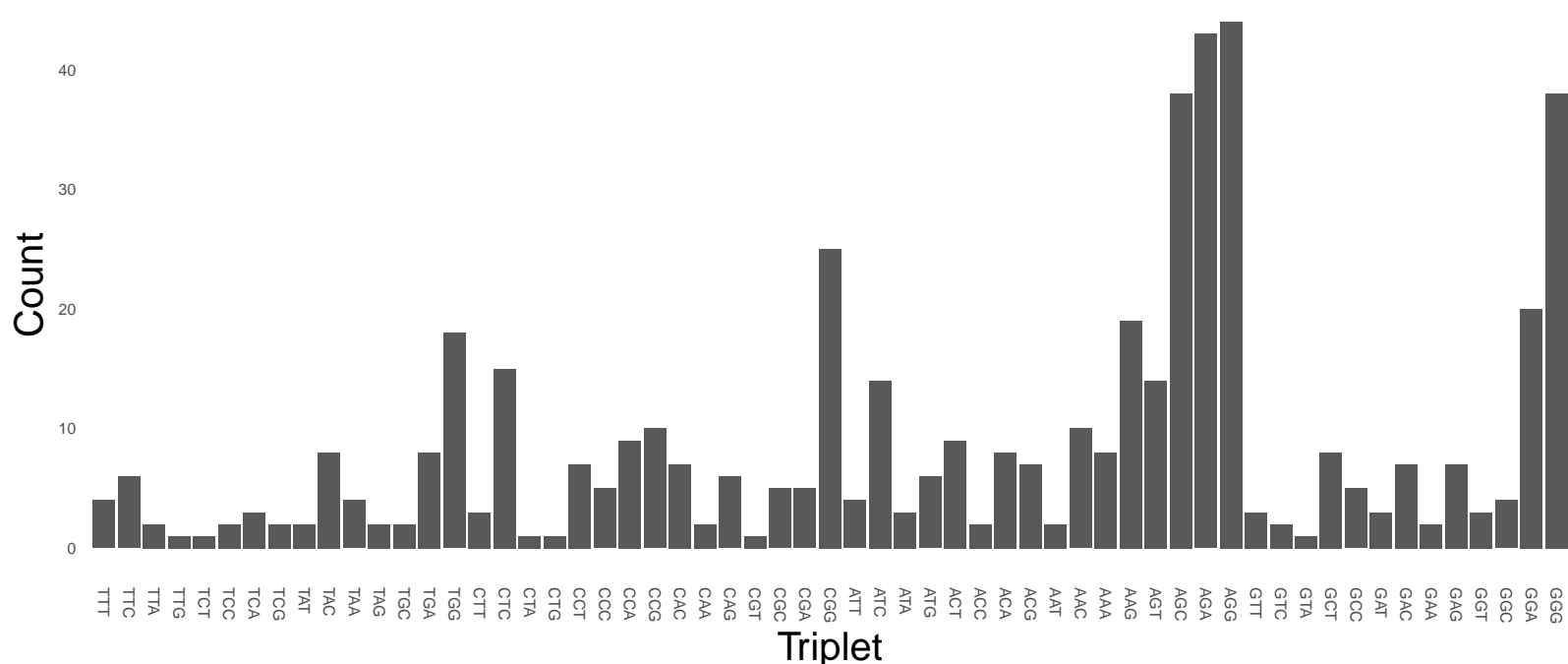
TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



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

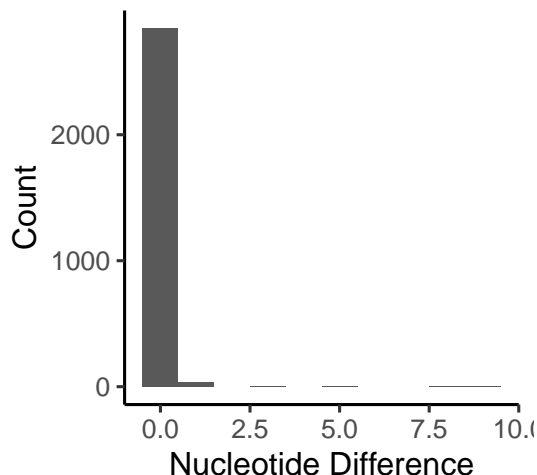


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



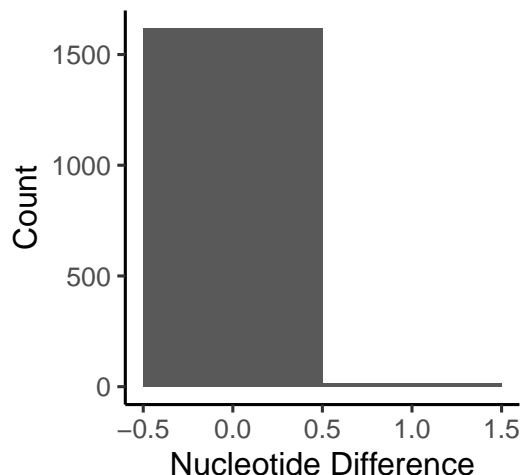
TRBV10-1*ap01

2880 sequences assigned
2844 (98.8%) exact matches, in which:
2770 unique CDR3
13 unique J



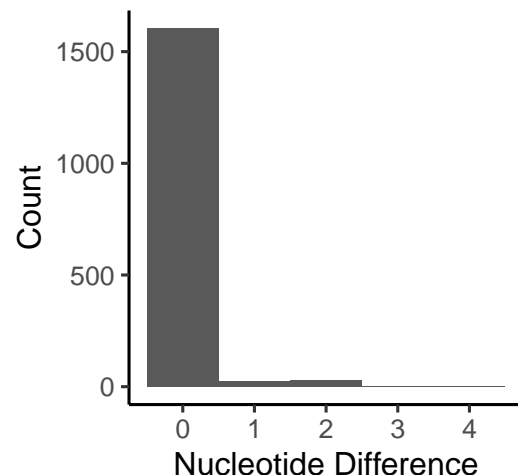
TRBV10-2*ap01

1635 sequences assigned
1618 (99%) exact matches, in which:
1597 unique CDR3
13 unique J



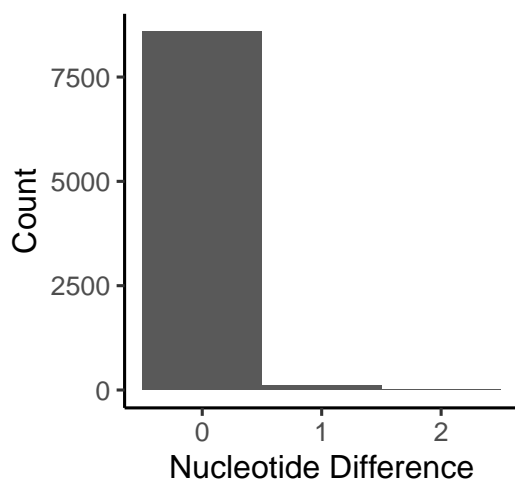
TRBV13*ap01

1660 sequences assigned
1604 (96.6%) exact matches, in which:
1559 unique CDR3
13 unique J



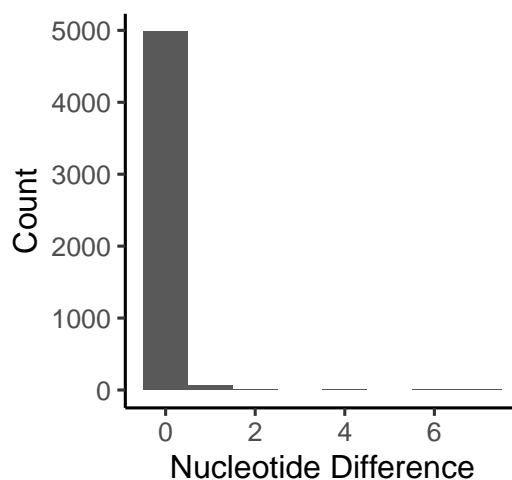
TRBV20-1*ap01

8689 sequences assigned
8586 (98.8%) exact matches, in which:
8427 unique CDR3
13 unique J



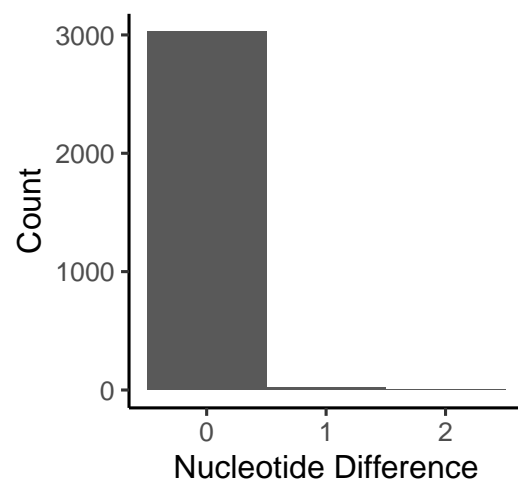
TRBV10-3*ap01

5049 sequences assigned
4981 (98.7%) exact matches, in which:
4873 unique CDR3
13 unique J



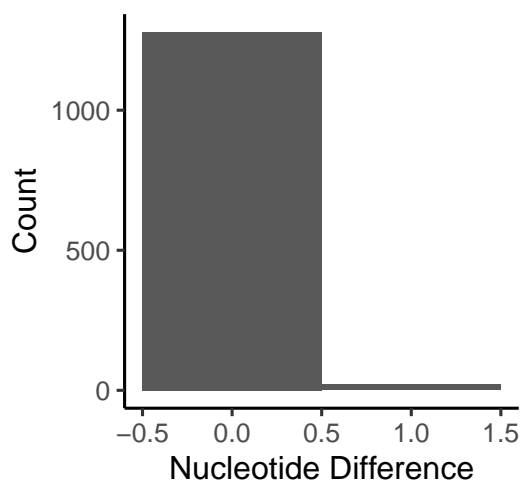
TRBV14*ap01

3053 sequences assigned
3027 (99.1%) exact matches, in which:
2978 unique CDR3
13 unique J



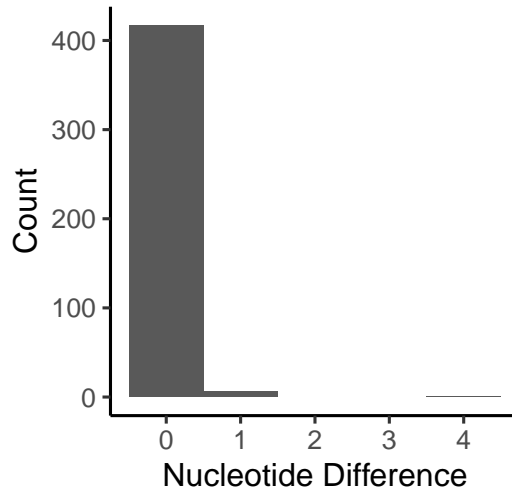
TRBV20-1*ap02

1300 sequences assigned
1279 (98.4%) exact matches, in which:
1259 unique CDR3
13 unique J



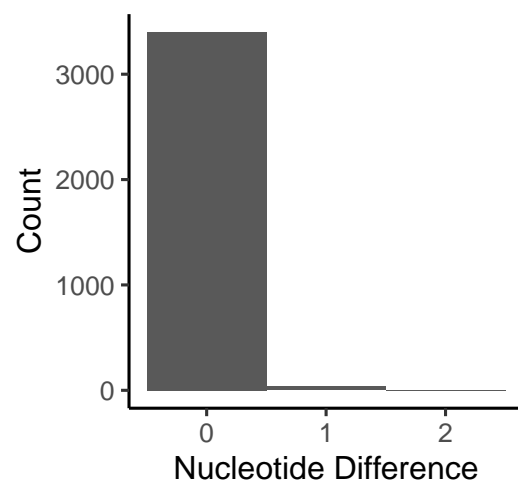
TRBV1*ap01

424 sequences assigned
417 (98.3%) exact matches, in which:
404 unique CDR3
13 unique J



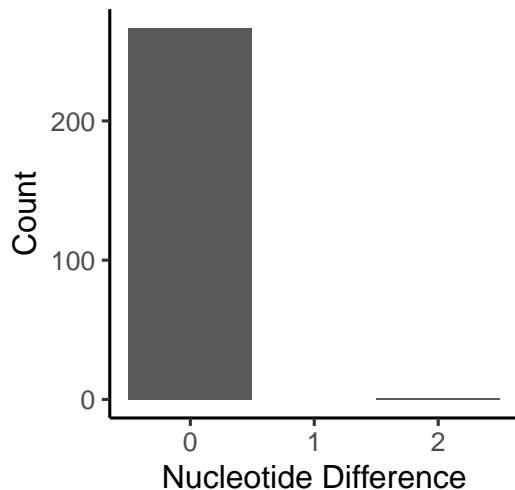
TRBV15*ap02

3439 sequences assigned
3400 (98.9%) exact matches, in which:
3320 unique CDR3
13 unique J



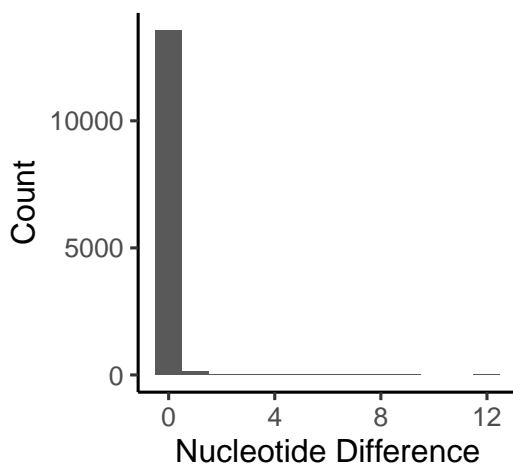
TRBV16*ap01

268 sequences assigned
267 (99.6%) exact matches, in which:
264 unique CDR3
13 unique J



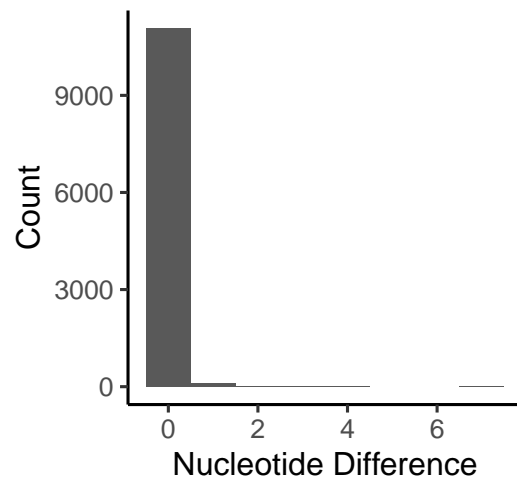
TRBV19*ap01

13715 sequences assigned
13569 (98.9%) exact matches, in which:
13406 unique CDR3
13 unique J



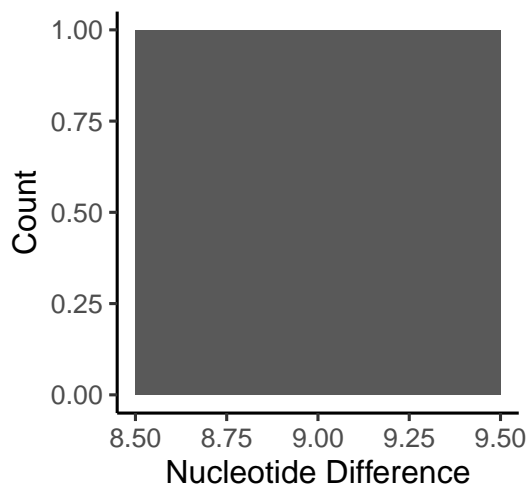
TRBV28*ap01

11192 sequences assigned
11069 (98.9%) exact matches, in which:
10861 unique CDR3
14 unique J



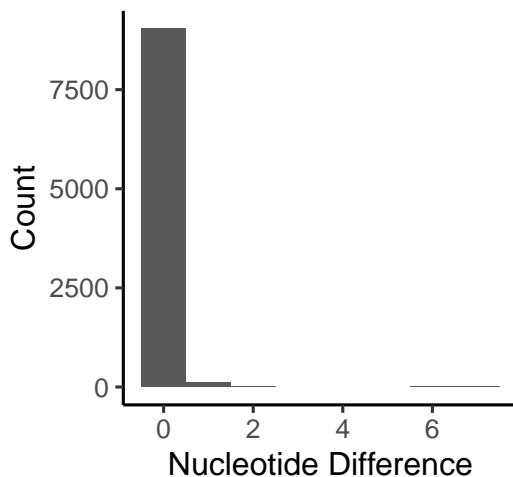
TRBV17*ap01

1 sequences assigned
No exact matches.



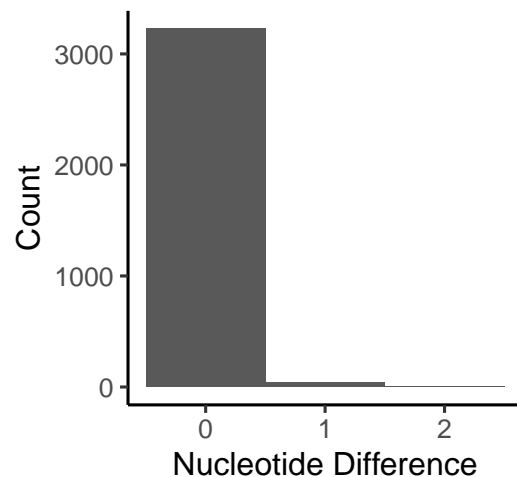
TRBV2*ap01

9169 sequences assigned
9036 (98.5%) exact matches, in which:
8848 unique CDR3
13 unique J



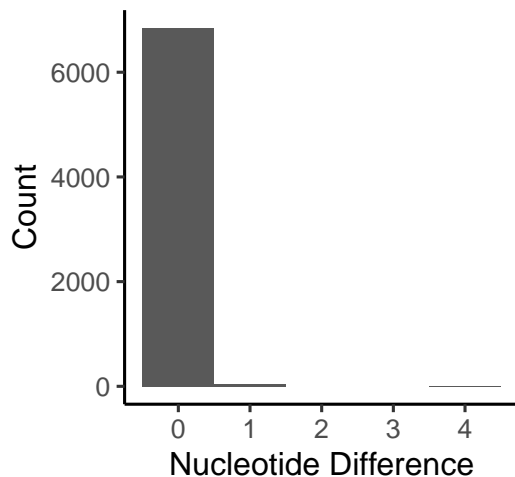
TRBV30*ap01

3269 sequences assigned
3227 (98.7%) exact matches, in which:
3185 unique CDR3
13 unique J



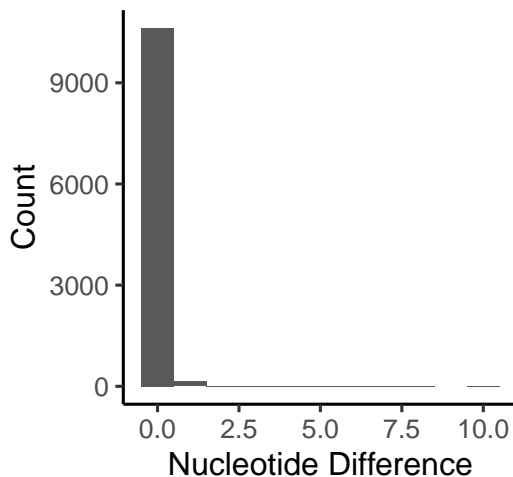
TRBV18*ap01

6890 sequences assigned
6844 (99.3%) exact matches, in which:
6761 unique CDR3
13 unique J



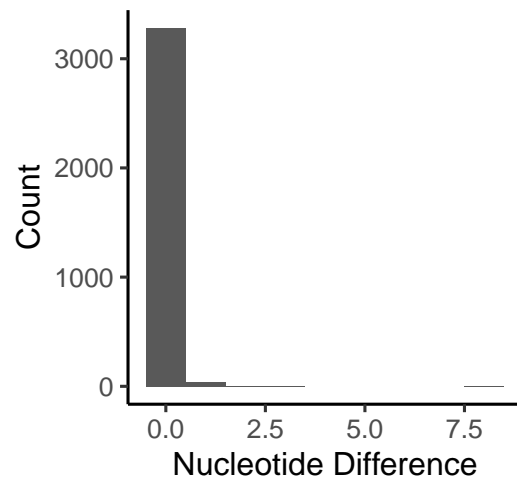
TRBV27*ap01

10777 sequences assigned
10624 (98.6%) exact matches, in which:
10335 unique CDR3
13 unique J



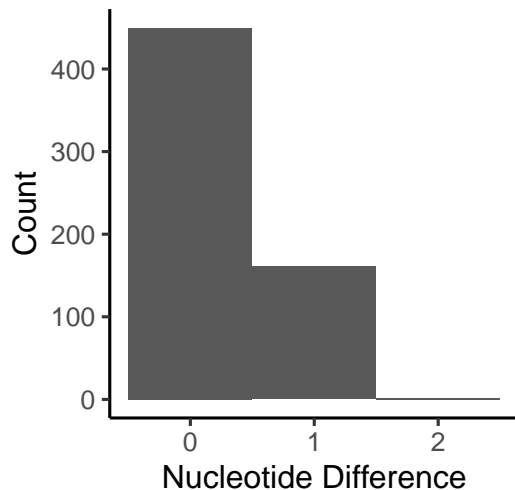
TRBV30*ap02

3326 sequences assigned
3281 (98.6%) exact matches, in which:
3241 unique CDR3
13 unique J



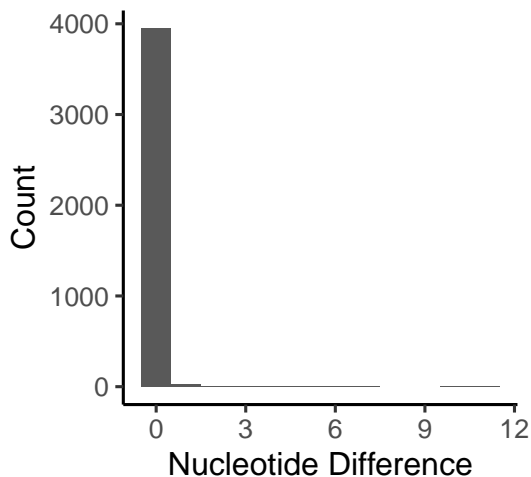
TRBV30*ap03

613 sequences assigned
450 (73.4%) exact matches, in which:
444 unique CDR3
13 unique J



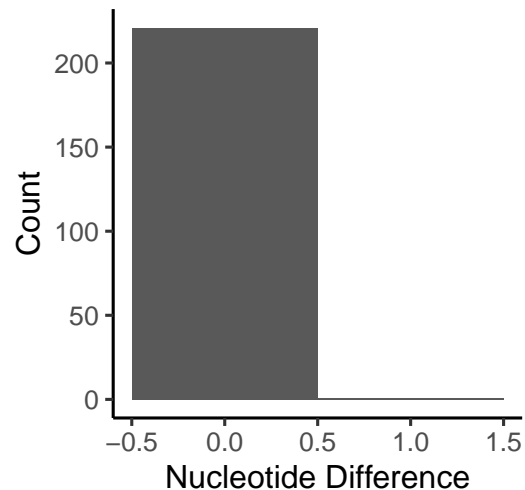
TRBV21-1*ap01

4002 sequences assigned
3949 (98.7%) exact matches, in which:
3880 unique CDR3
13 unique J



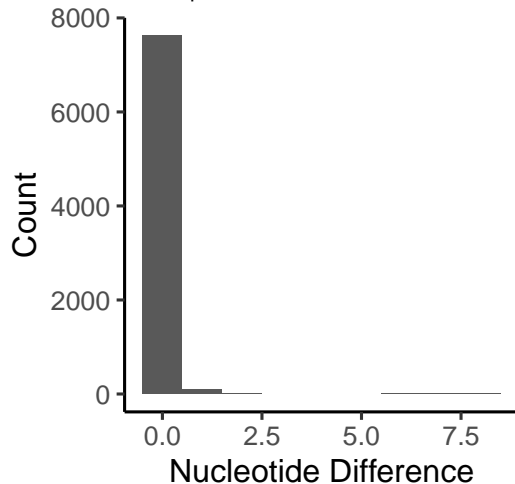
TRBV12-1*ap01

222 sequences assigned
221 (99.5%) exact matches, in which:
218 unique CDR3
14 unique J



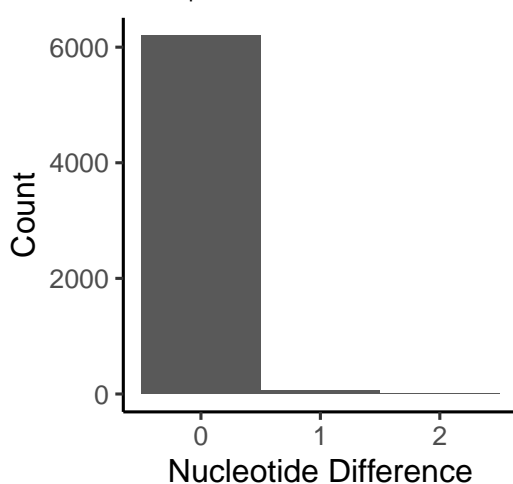
TRBV9*ap01

7714 sequences assigned
7621 (98.8%) exact matches, in which:
7495 unique CDR3
13 unique J



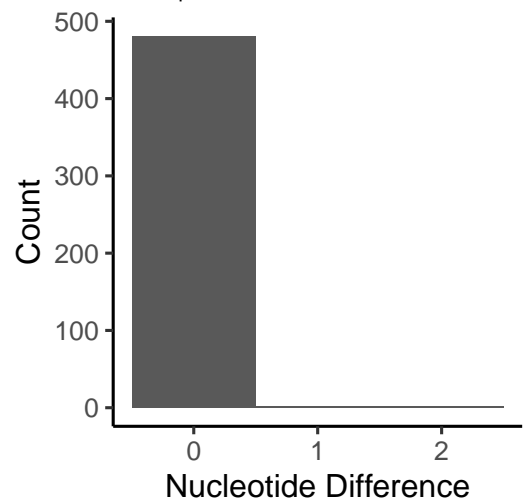
TRBV11-2*ap01

6265 sequences assigned
6198 (98.9%) exact matches, in which:
6079 unique CDR3
14 unique J



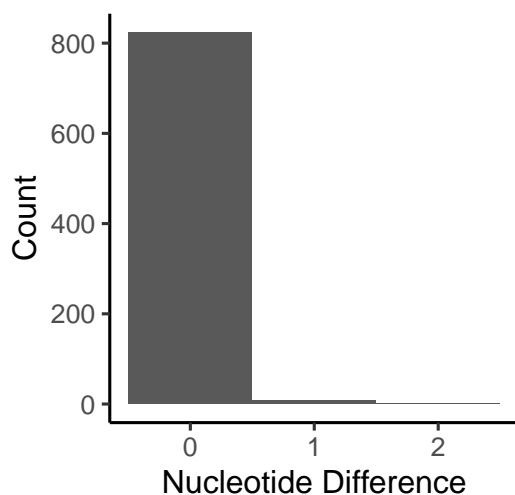
TRBV12-2*ap01

485 sequences assigned
481 (99.2%) exact matches, in which:
472 unique CDR3
13 unique J



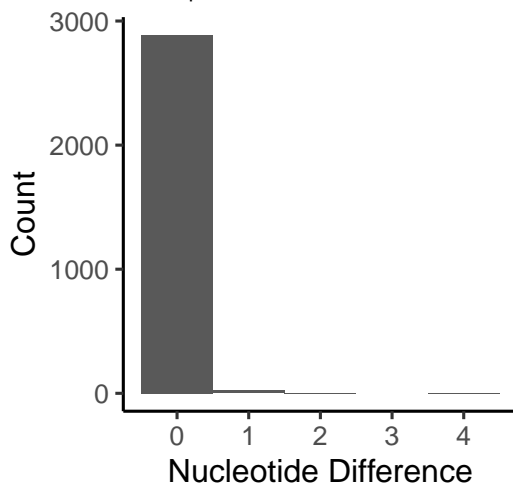
TRBV11-1*ap01

833 sequences assigned
824 (98.9%) exact matches, in which:
811 unique CDR3
13 unique J



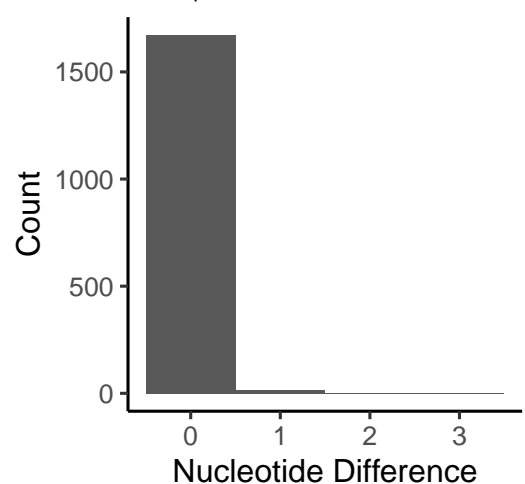
TRBV11-3*ap01

2916 sequences assigned
2887 (99%) exact matches, in which:
2827 unique CDR3
13 unique J



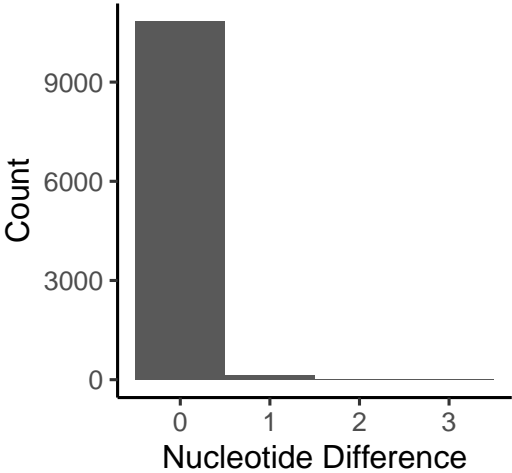
TRBV12-5*ap01

1690 sequences assigned
1672 (98.9%) exact matches, in which:
1637 unique CDR3
13 unique J



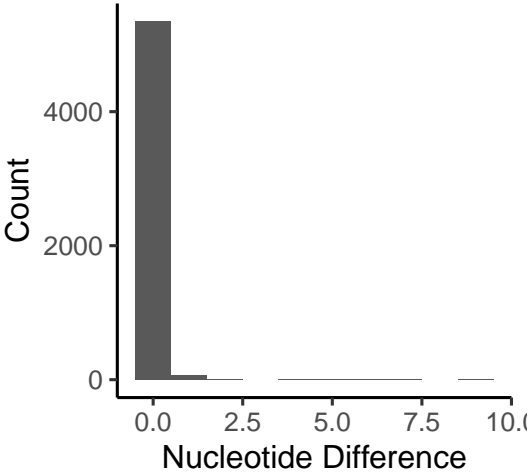
TRBV12-34*ap01

10986 sequences assigned
10836 (98.6%) exact matches, in which:
10597 unique CDR3
13 unique J



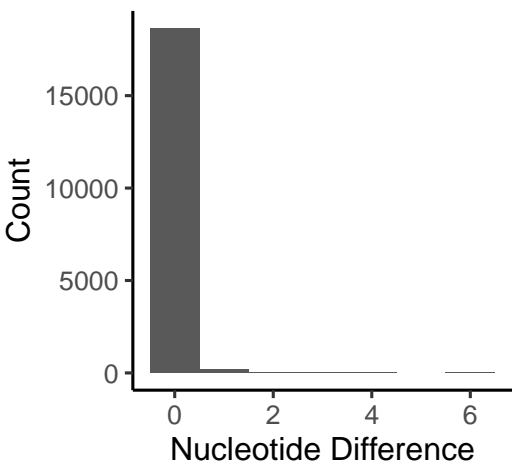
TRBV24-1*ap01

5426 sequences assigned
5347 (98.5%) exact matches, in which:
5246 unique CDR3
13 unique J



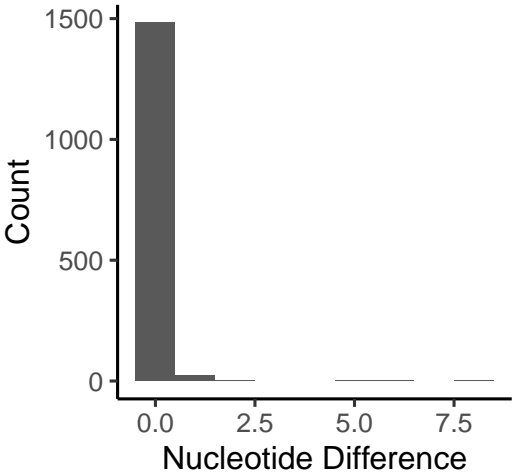
TRBV5-1*ap01

18889 sequences assigned
18651 (98.7%) exact matches, in which:
18128 unique CDR3
13 unique J



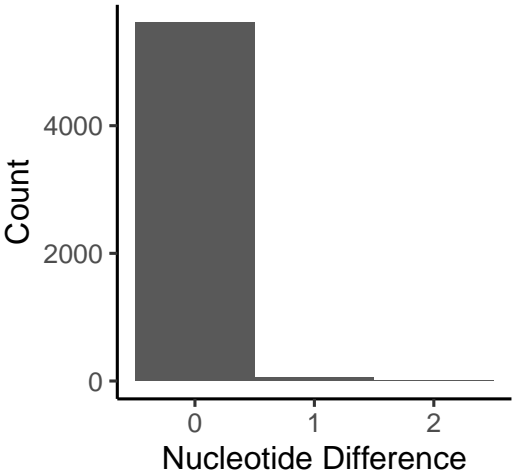
TRBV23-1*ap01

1511 sequences assigned
1483 (98.1%) exact matches, in which:
1461 unique CDR3
13 unique J



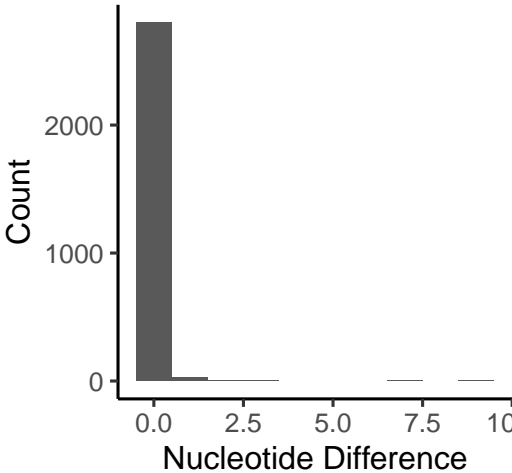
TRBV4-1*ap01

5678 sequences assigned
5613 (98.9%) exact matches, in which:
5475 unique CDR3
14 unique J



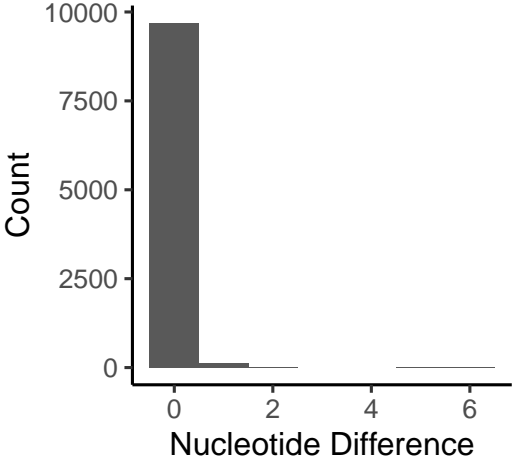
TRBV25-1*ap01

2836 sequences assigned
2800 (98.7%) exact matches, in which:
2753 unique CDR3
13 unique J



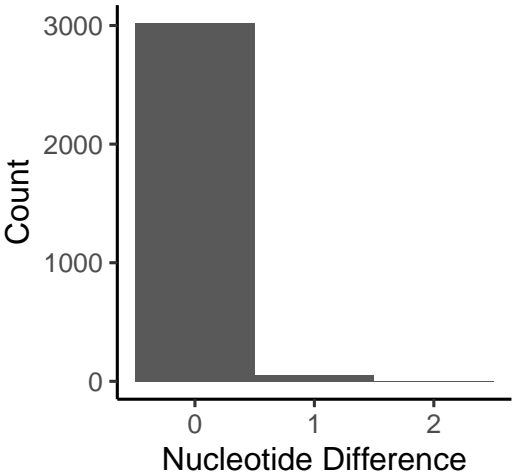
TRBV3-12*ap01

9831 sequences assigned
9696 (98.6%) exact matches, in which:
9468 unique CDR3
13 unique J



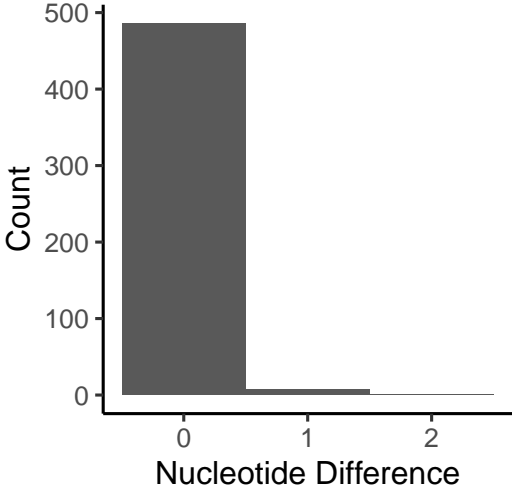
TRBV4-2*ap01

3073 sequences assigned
3021 (98.3%) exact matches, in which:
2947 unique CDR3
13 unique J



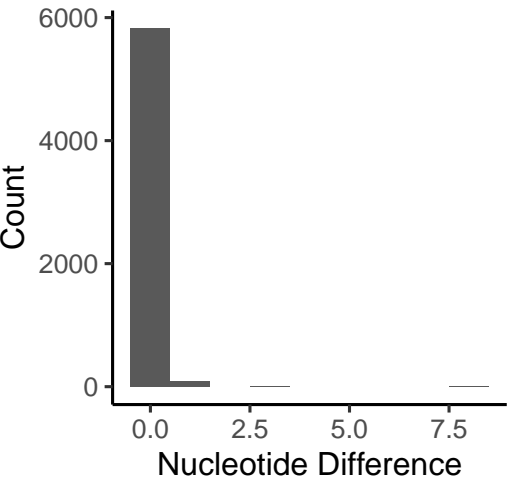
TRBV5-3*ap01

494 sequences assigned
486 (98.4%) exact matches, in which:
475 unique CDR3
13 unique J



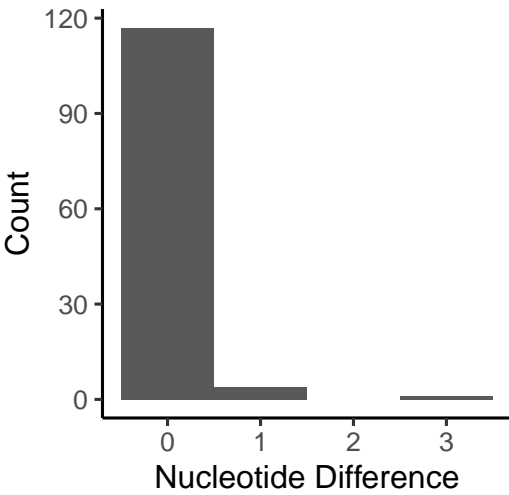
TRBV5-4*ap01

5910 sequences assigned
5824 (98.5%) exact matches, in which:
5688 unique CDR3
13 unique J



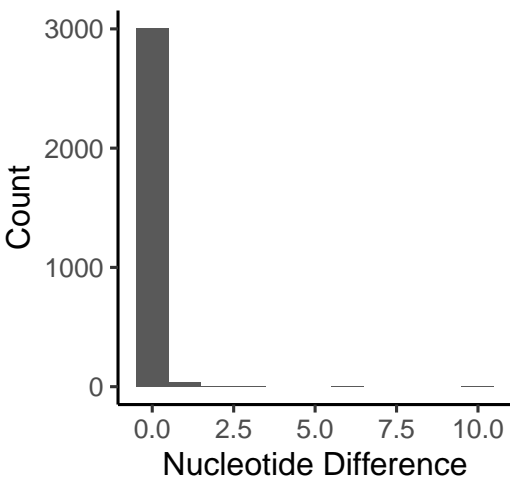
TRBV5-7*ap01

122 sequences assigned
117 (95.9%) exact matches, in which:
115 unique CDR3
12 unique J



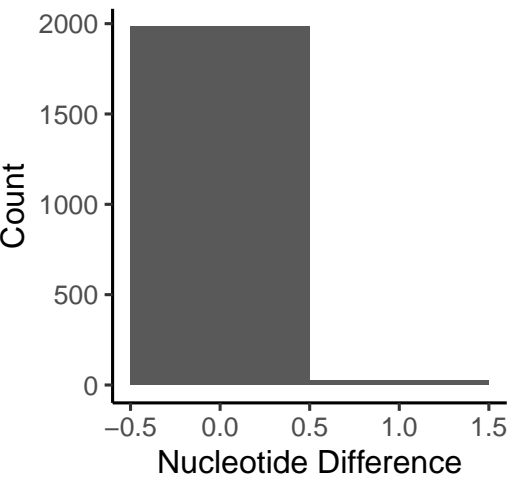
TRBV6-4*ap01

3048 sequences assigned
3004 (98.6%) exact matches, in which:
2958 unique CDR3
13 unique J



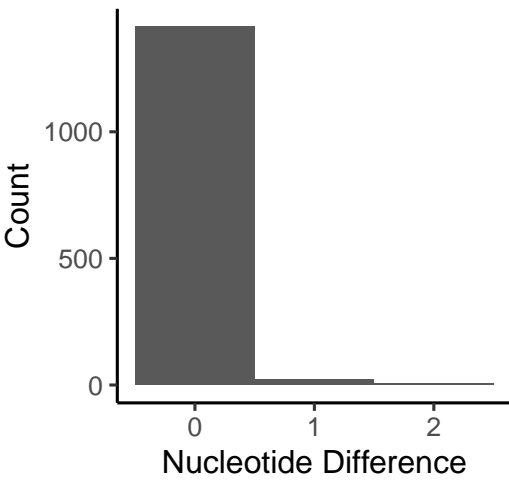
TRBV5-5*ap01

2009 sequences assigned
1983 (98.7%) exact matches, in which:
1972 unique CDR3
13 unique J



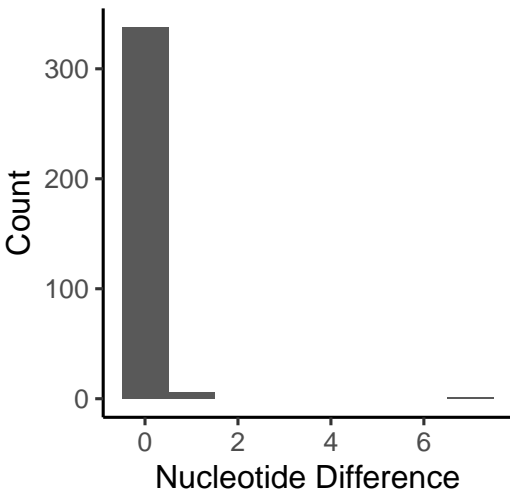
TRBV5-8*ap01

1443 sequences assigned
1415 (98.1%) exact matches, in which:
1386 unique CDR3
13 unique J



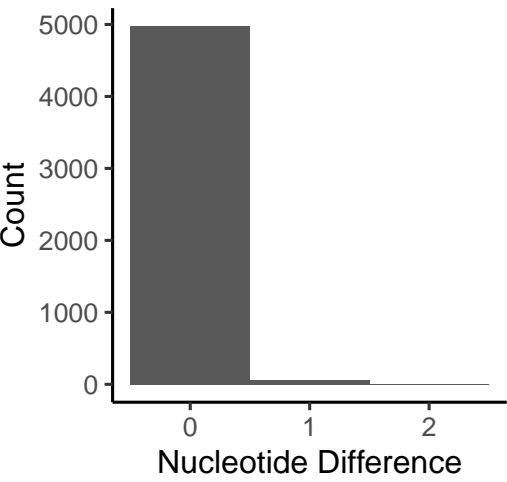
TRBV6-7*ap01

345 sequences assigned
338 (98%) exact matches, in which:
327 unique CDR3
13 unique J



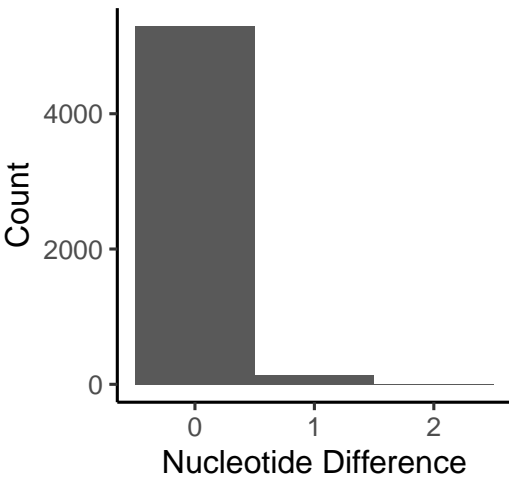
TRBV5-6*ap01

5046 sequences assigned
4978 (98.7%) exact matches, in which:
4831 unique CDR3
13 unique J



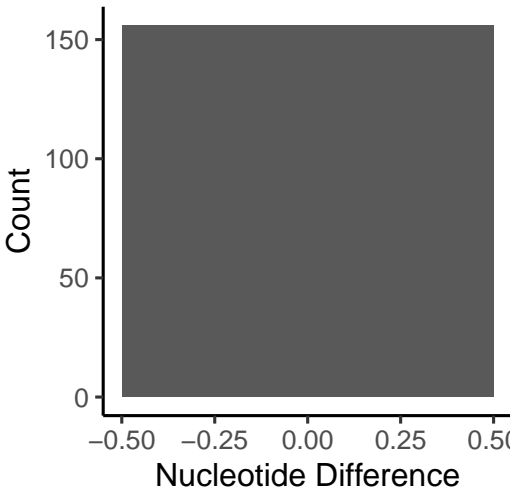
TRBV6-1*ap01

5437 sequences assigned
5296 (97.4%) exact matches, in which:
5170 unique CDR3
13 unique J



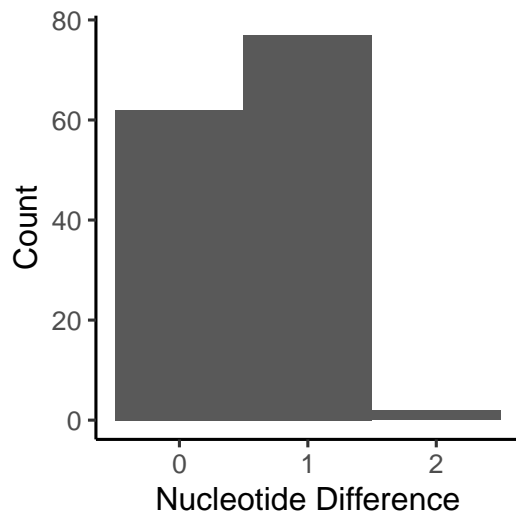
TRBV6-8*ap01

156 sequences assigned
156 (100%) exact matches, in which:
154 unique CDR3
13 unique J



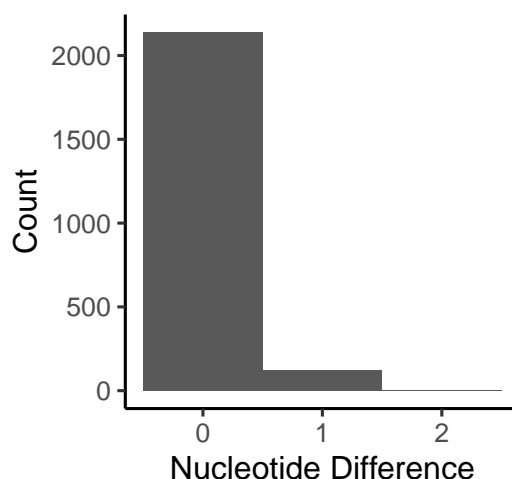
TRBV6-9*ap01

141 sequences assigned
62 (44%) exact matches, in which:
59 unique CDR3
11 unique J



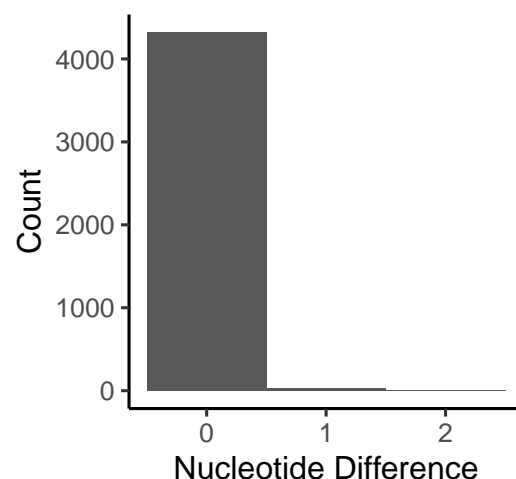
TRBV6-56*ap02

2261 sequences assigned
2138 (94.6%) exact matches, in which:
2077 unique CDR3
13 unique J



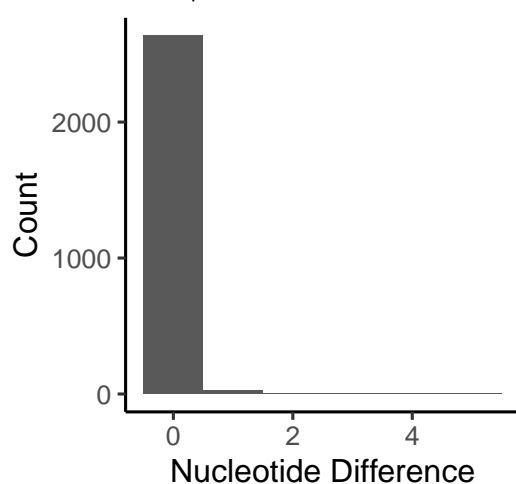
TRBV7-2*ap01

4352 sequences assigned
4320 (99.3%) exact matches, in which:
4237 unique CDR3
13 unique J



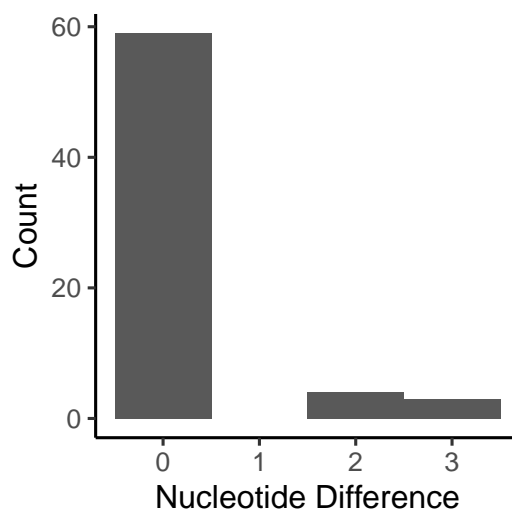
TRBV6-23*ap01

2665 sequences assigned
2635 (98.9%) exact matches, in which:
2572 unique CDR3
13 unique J



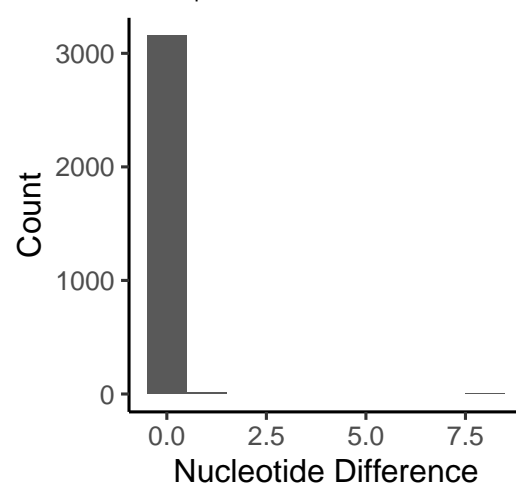
TRBV7-1*ap01_G291C_T

66 sequences assigned
59 (89.4%) exact matches, in which:
59 unique CDR3
10 unique J



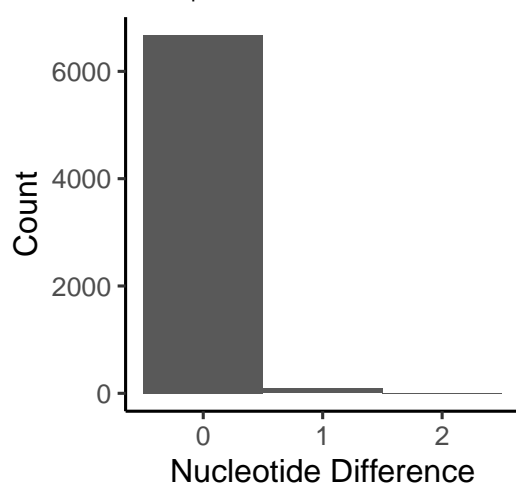
TRBV7-3*ap01

3173 sequences assigned
3155 (99.4%) exact matches, in which:
3117 unique CDR3
13 unique J



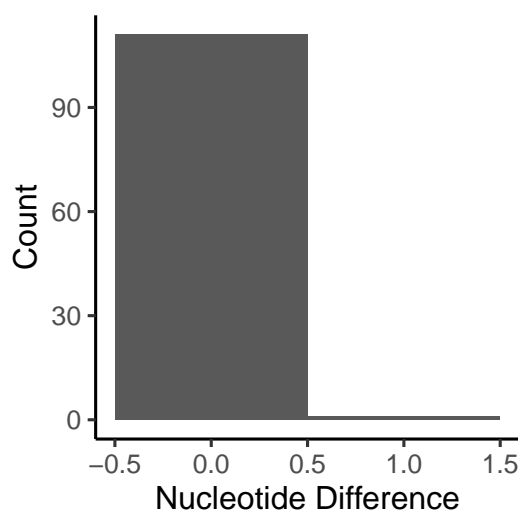
TRBV6-56*ap01

6769 sequences assigned
6677 (98.6%) exact matches, in which:
6509 unique CDR3
13 unique J



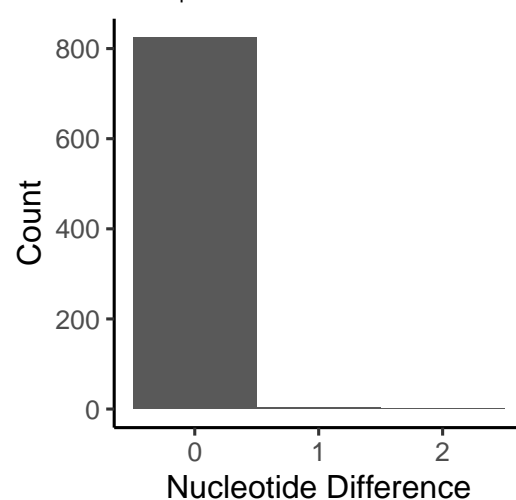
TRBV7-1*ap01_G291C_T

112 sequences assigned
111 (99.1%) exact matches, in which:
109 unique CDR3
13 unique J



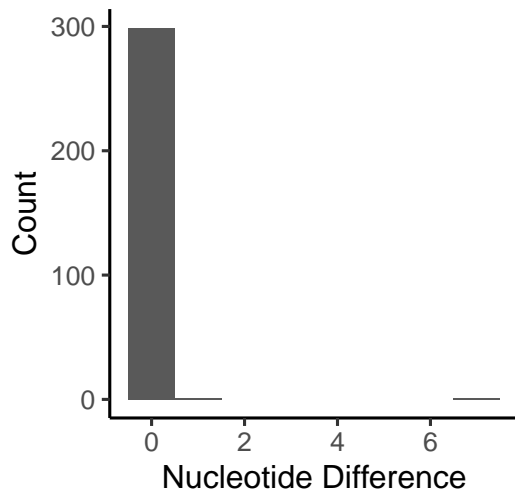
TRBV7-3*ap03

829 sequences assigned
825 (99.5%) exact matches, in which:
812 unique CDR3
13 unique J



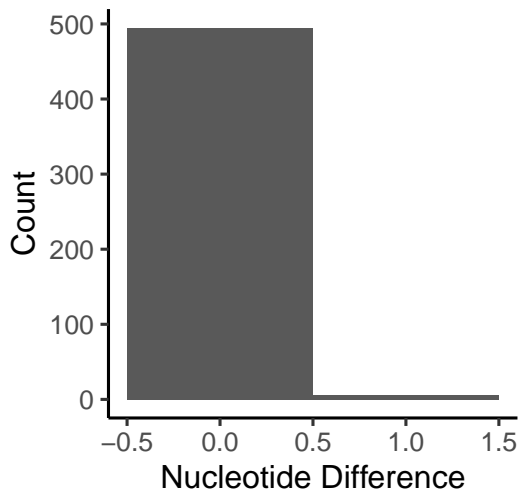
TRBV7-4*ap01

301 sequences assigned
299 (99.3%) exact matches, in which:
293 unique CDR3
12 unique J



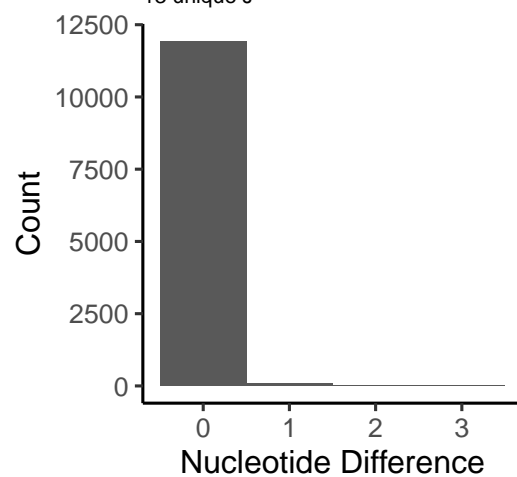
TRBV7-7*ap01_C315T

501 sequences assigned
495 (98.8%) exact matches, in which:
485 unique CDR3
13 unique J



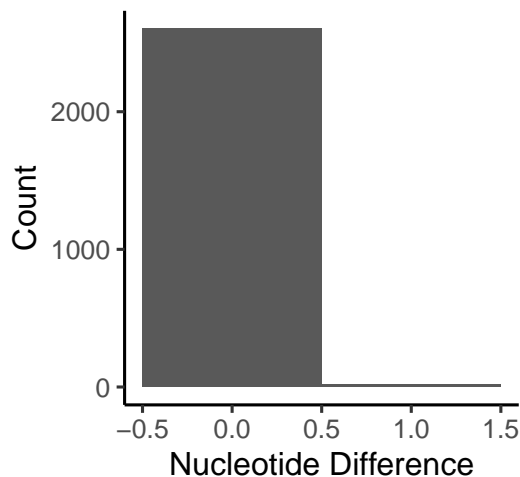
TRBV7-9*ap01

12037 sequences assigned
11931 (99.1%) exact matches, in which:
11754 unique CDR3
13 unique J



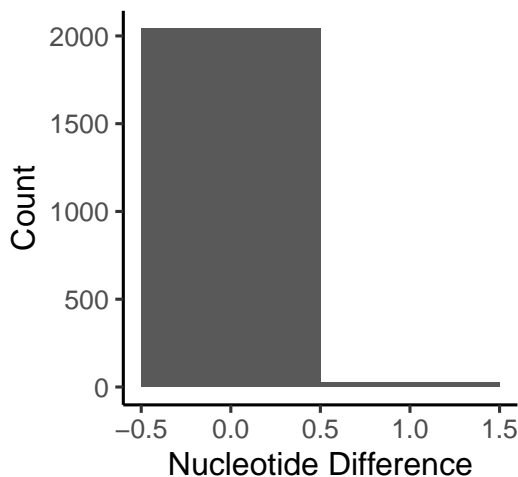
TRBV7-6*ap01

2622 sequences assigned
2603 (99.3%) exact matches, in which:
2543 unique CDR3
13 unique J



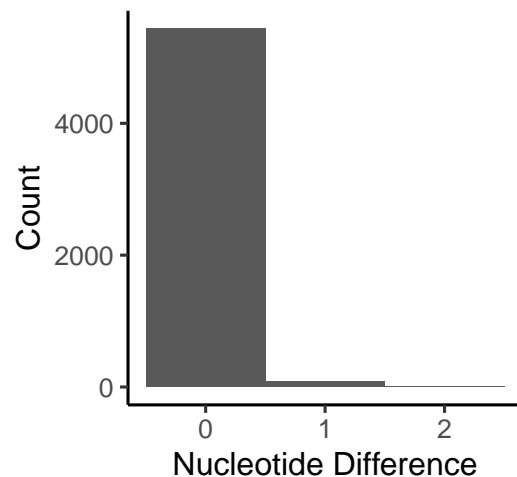
TRBV7-8*ap01

2065 sequences assigned
2041 (98.8%) exact matches, in which:
1986 unique CDR3
13 unique J



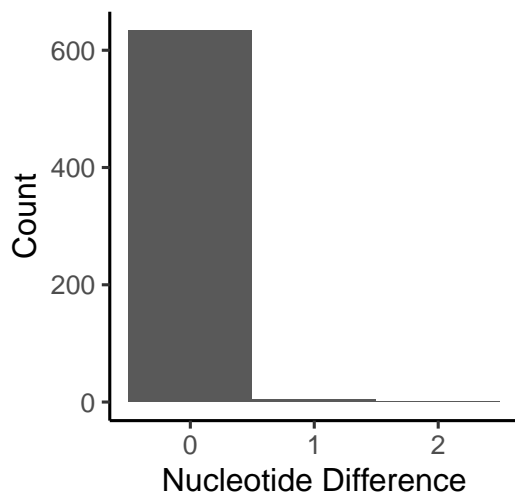
TRBV29-1*ap01

5517 sequences assigned
5435 (98.5%) exact matches, in which:
5323 unique CDR3
13 unique J



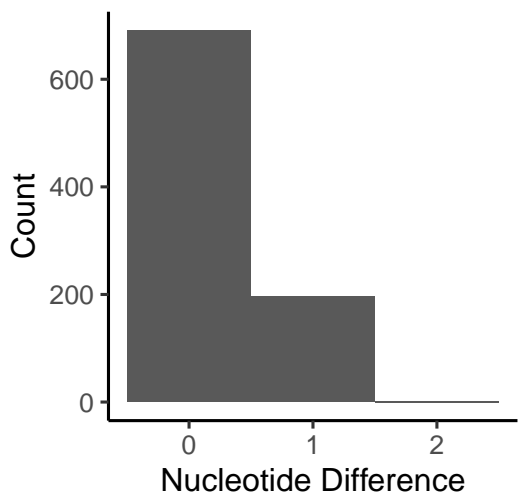
TRBV7-7*ap01

640 sequences assigned
634 (99.1%) exact matches, in which:
620 unique CDR3
13 unique J



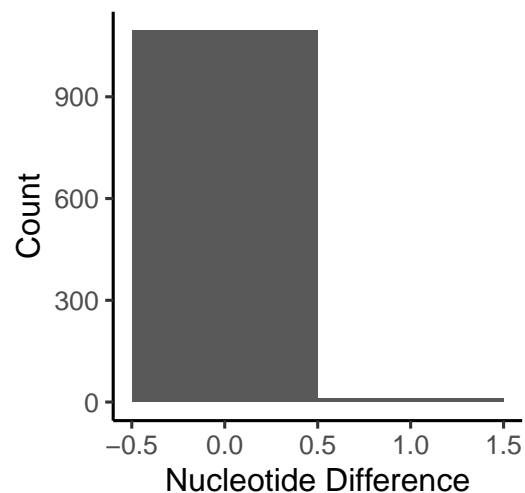
TRBV7-8*ap03

890 sequences assigned
691 (77.6%) exact matches, in which:
682 unique CDR3
13 unique J

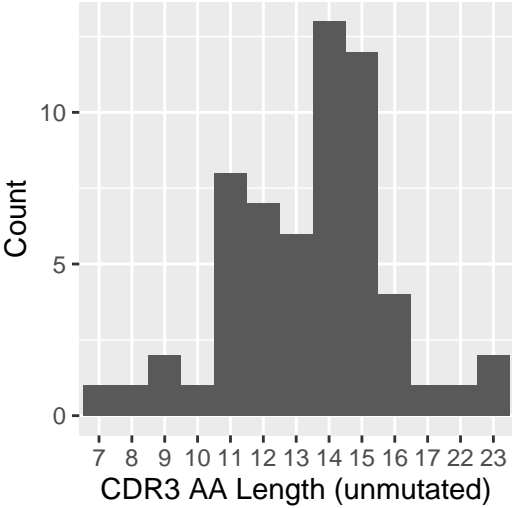


TRBV29-1*ap02

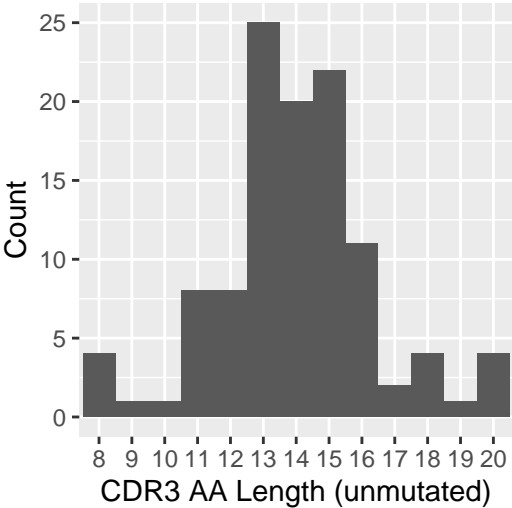
1106 sequences assigned
1096 (99.1%) exact matches, in which:
1065 unique CDR3
13 unique J



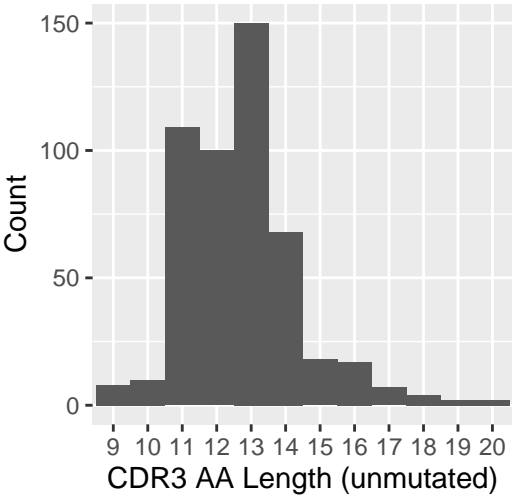
TRBV7-1*ap01_G291C_T296C



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.