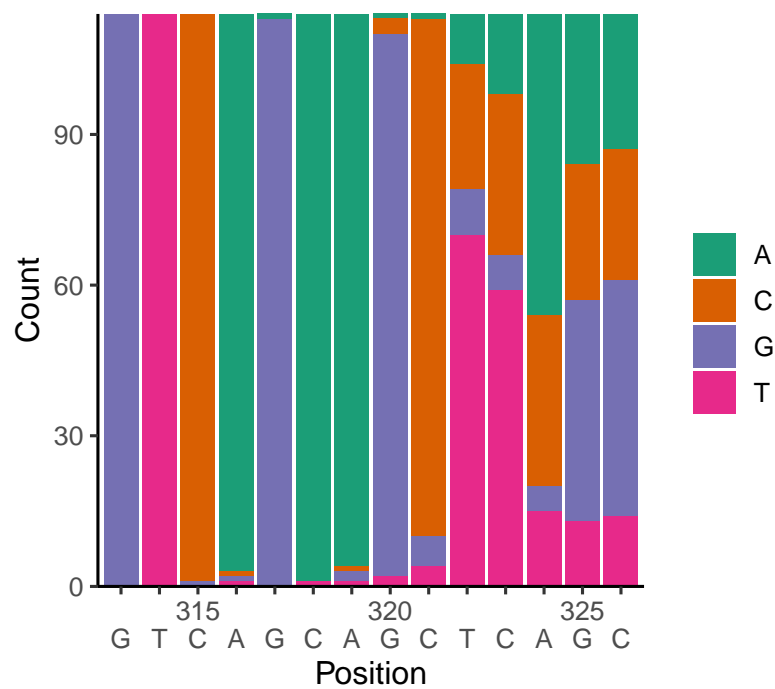
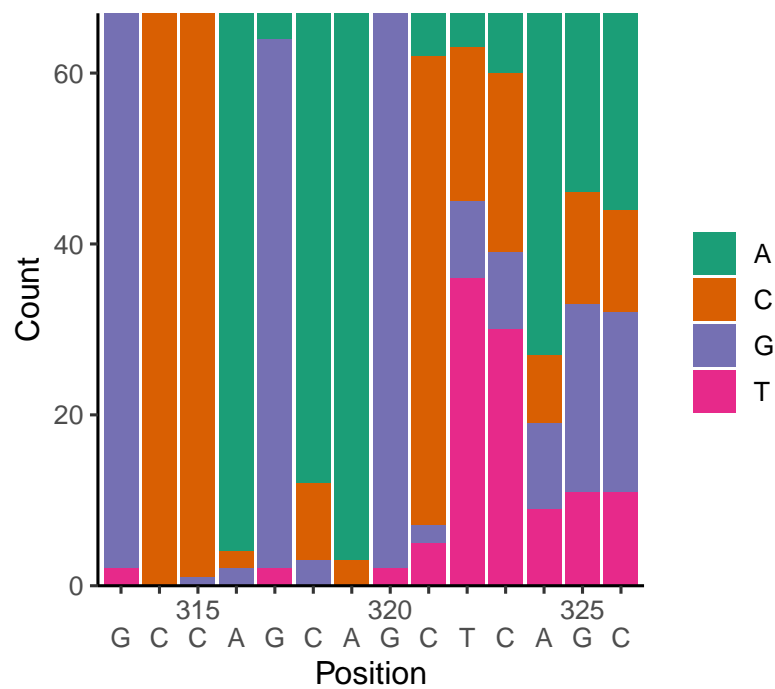


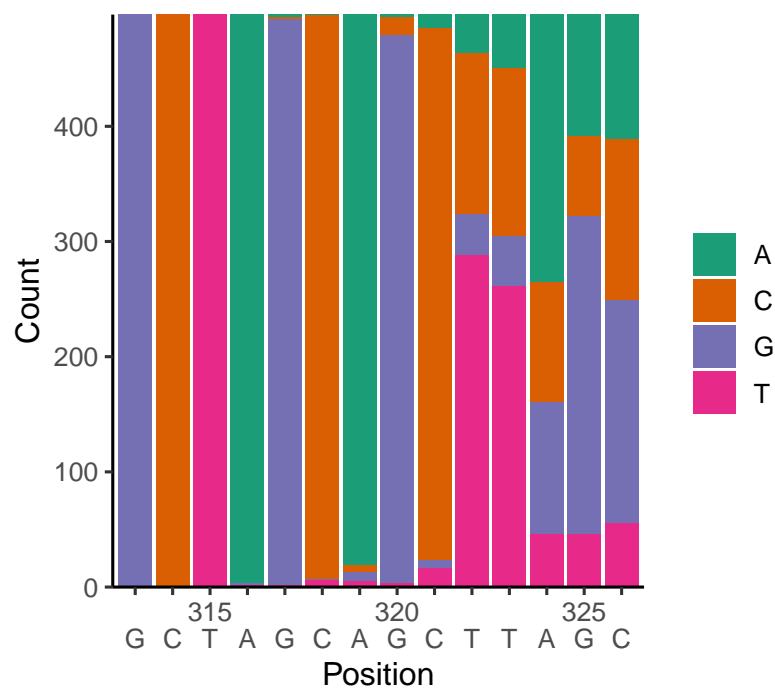
Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C_C314T



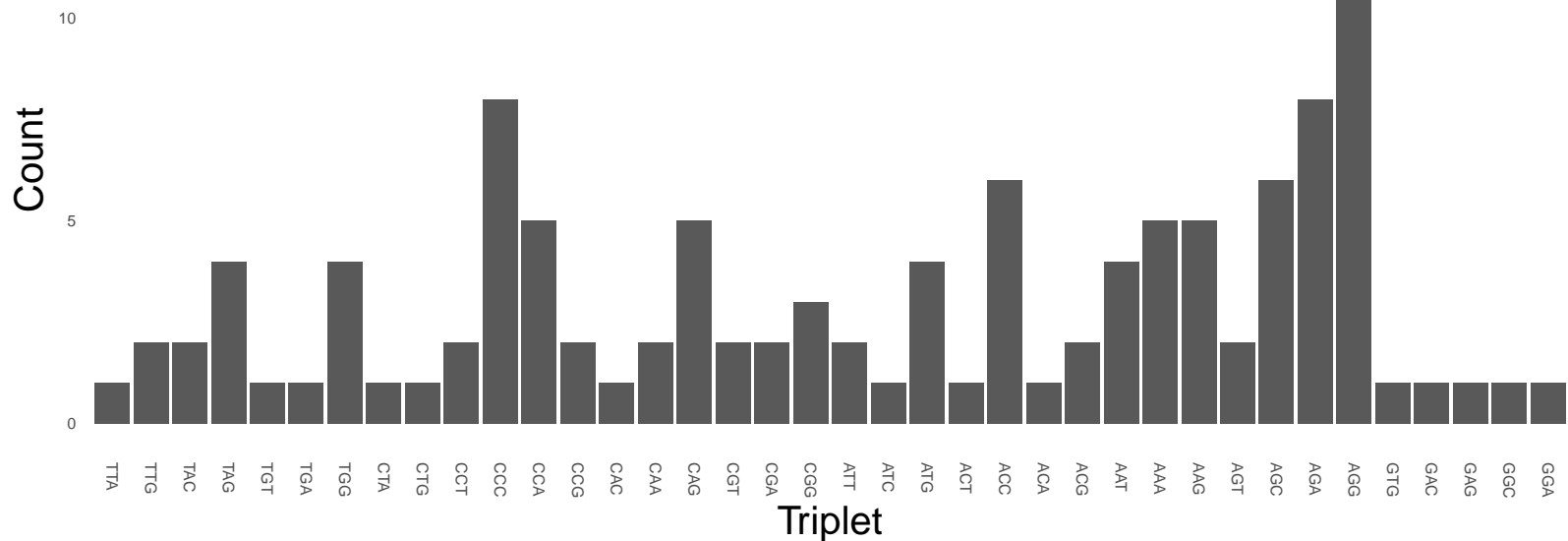
Gene TRBV7-1*ap01_G291C_T296C



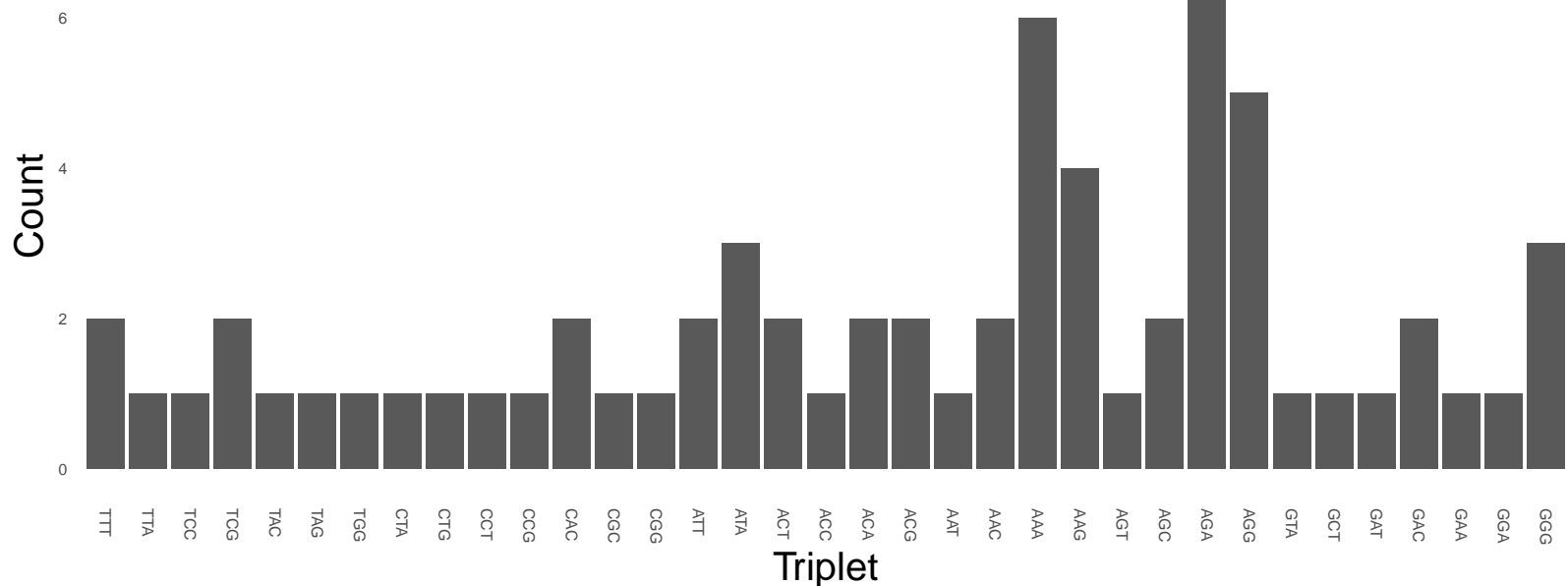
Gene TRBV7-7*ap01_C315T



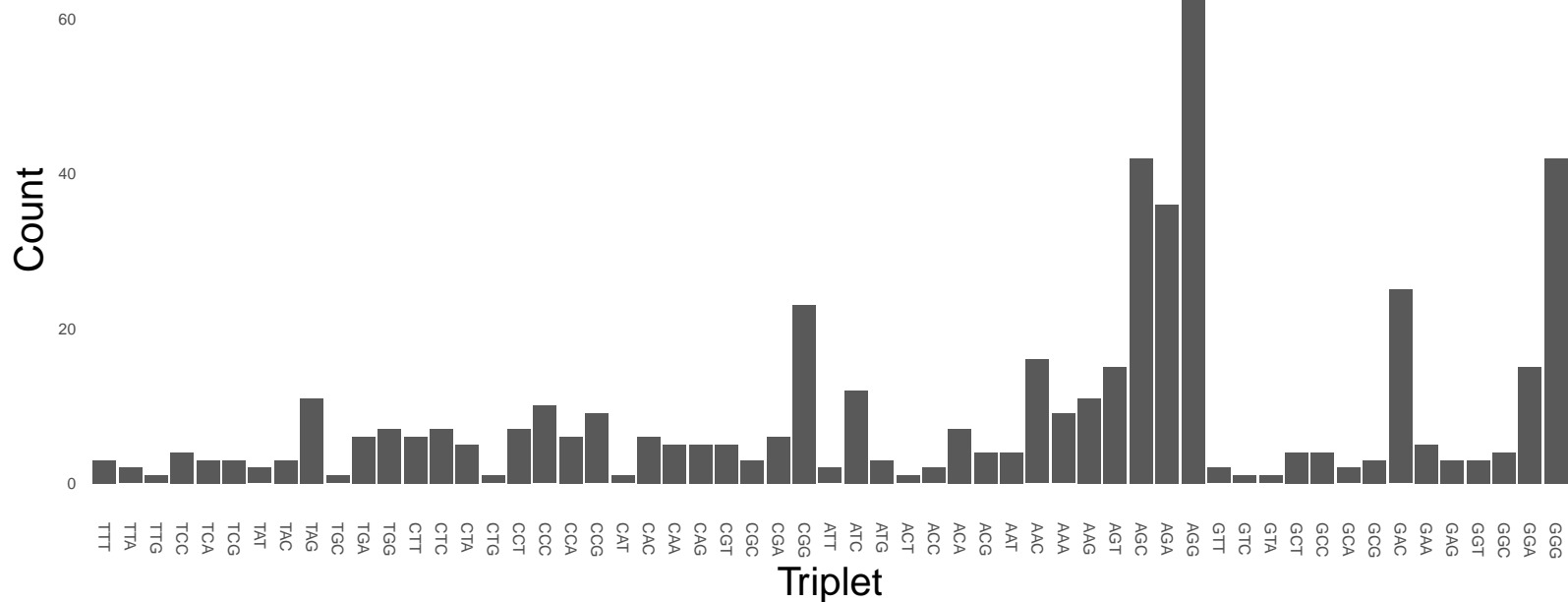
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

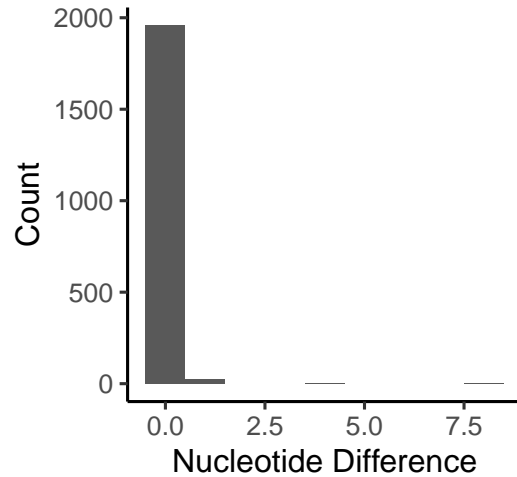


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



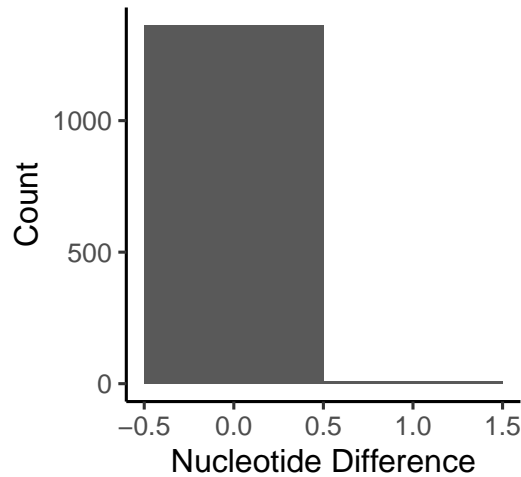
TRBV10-1*ap01

1984 sequences assigned
1958 (98.7%) exact matches, in which:
1914 unique CDR3
13 unique J



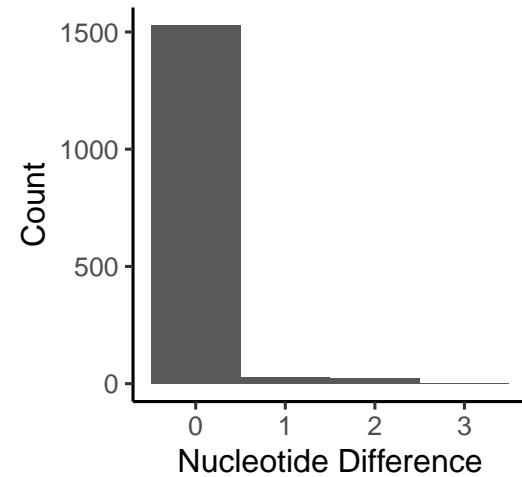
TRBV10-2*ap01

1373 sequences assigned
1362 (99.2%) exact matches, in which:
1346 unique CDR3
13 unique J



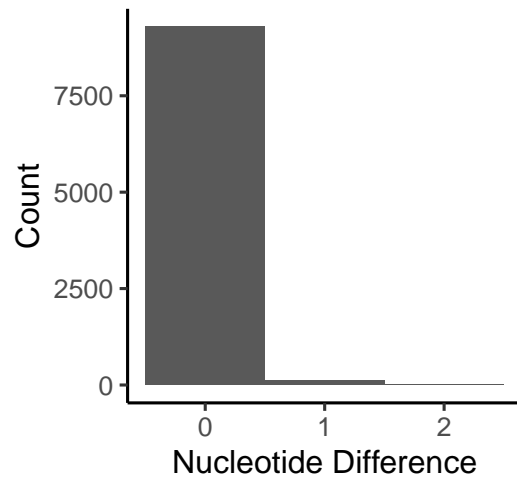
TRBV13*ap01

1579 sequences assigned
1528 (96.8%) exact matches, in which:
1484 unique CDR3
13 unique J



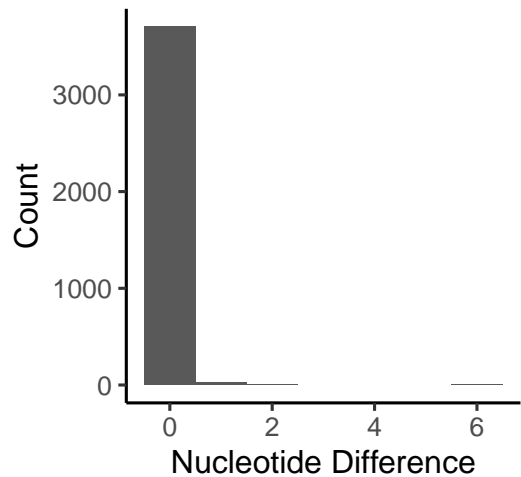
TRBV20-1*ap01

9398 sequences assigned
9290 (98.9%) exact matches, in which:
9171 unique CDR3
13 unique J



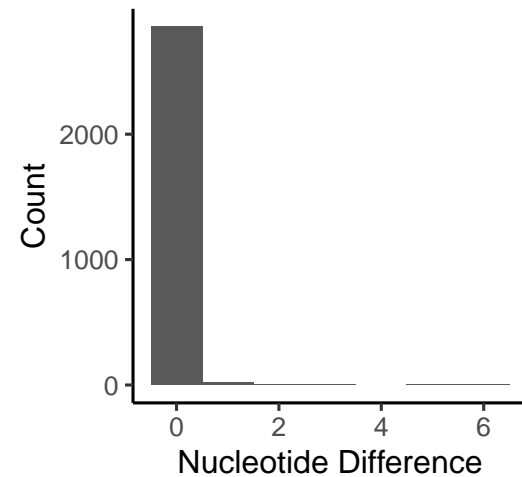
TRBV10-3*ap01

3733 sequences assigned
3705 (99.2%) exact matches, in which:
3633 unique CDR3
13 unique J



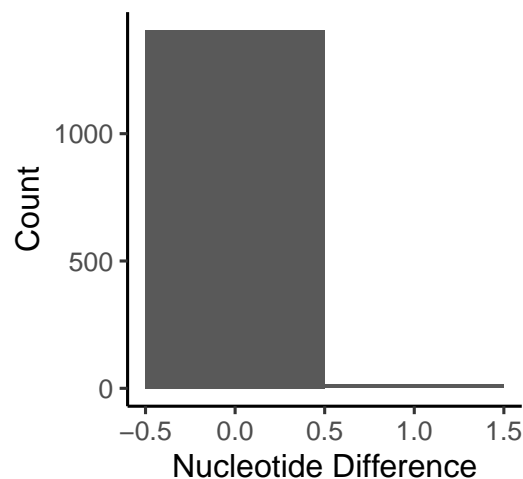
TRBV14*ap01

2883 sequences assigned
2857 (99.1%) exact matches, in which:
2829 unique CDR3
13 unique J



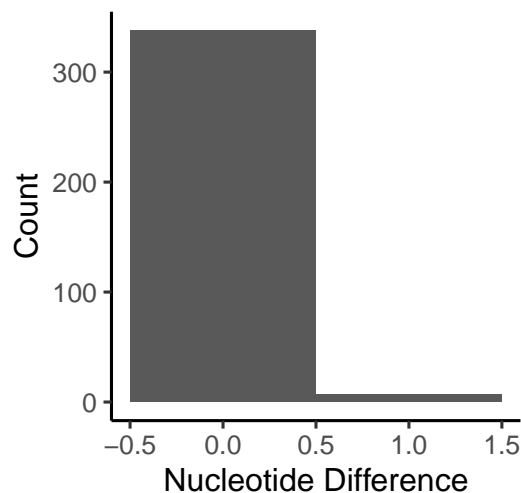
TRBV20-1*ap02

1422 sequences assigned
1407 (98.9%) exact matches, in which:
1384 unique CDR3
13 unique J



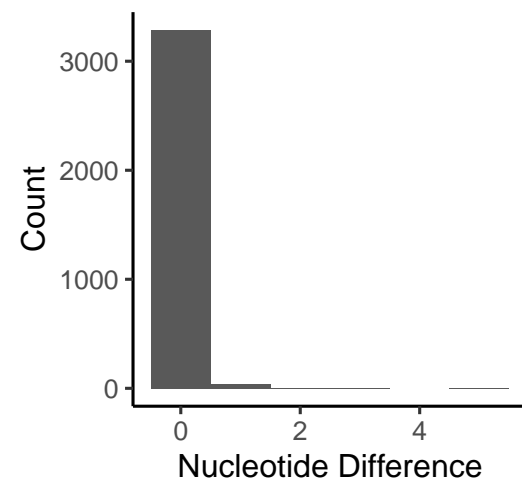
TRBV1*ap01

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



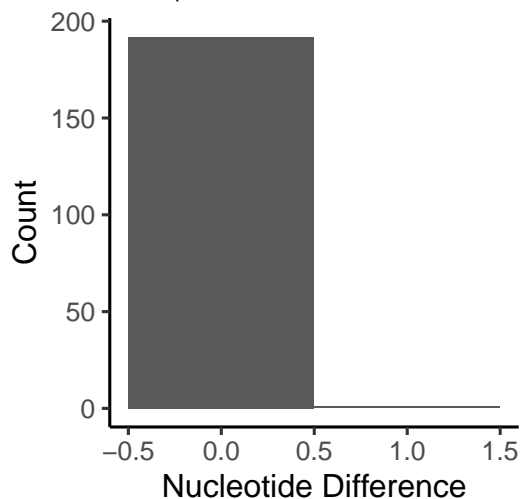
TRBV15*ap02

3329 sequences assigned
3286 (98.7%) exact matches, in which:
3221 unique CDR3
13 unique J



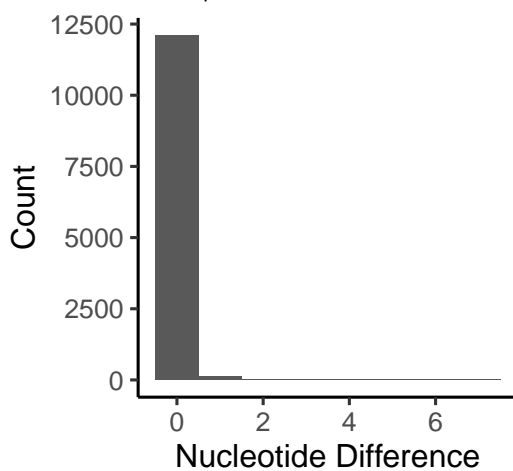
TRBV16*ap01

193 sequences assigned
192 (99.5%) exact matches, in which:
192 unique CDR3
13 unique J



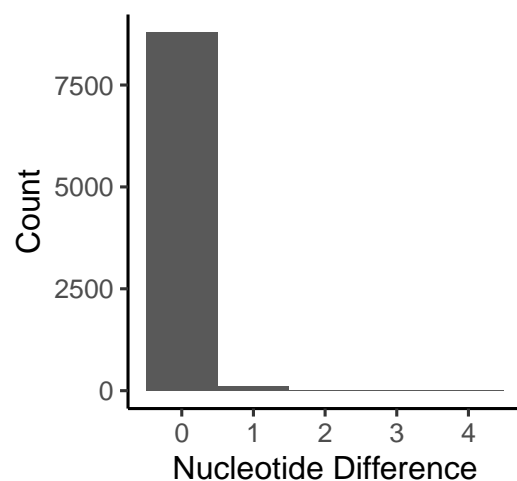
TRBV19*ap01

12231 sequences assigned
12111 (99%) exact matches, in which:
12023 unique CDR3
13 unique J



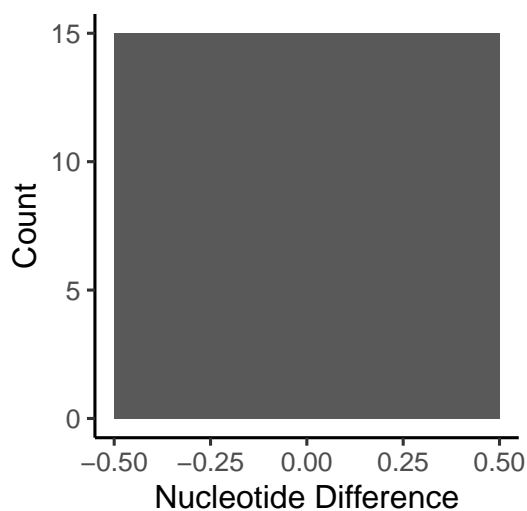
TRBV27*ap01

8912 sequences assigned
8791 (98.6%) exact matches, in which:
8610 unique CDR3
13 unique J



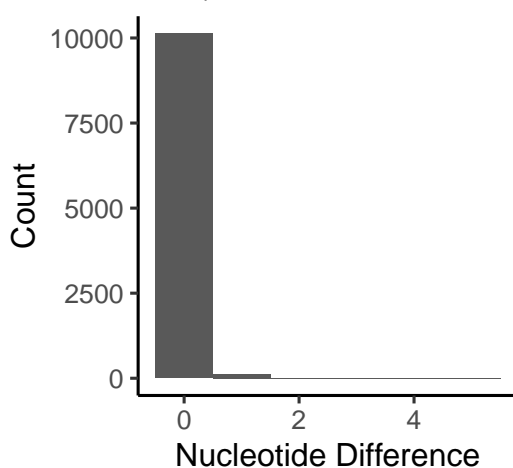
TRBV17*ap01

15 sequences assigned
15 (100%) exact matches, in which:
15 unique CDR3
8 unique J



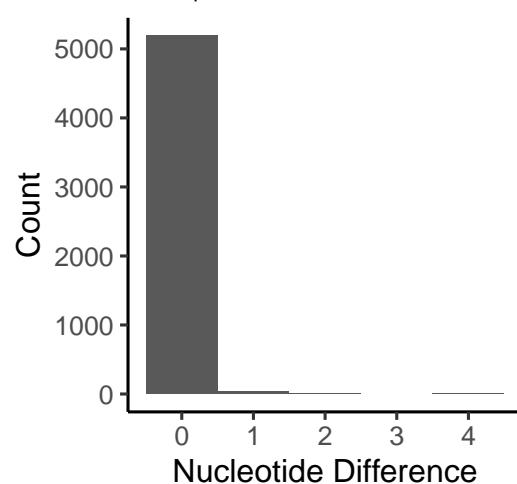
TRBV2*ap01

10263 sequences assigned
10133 (98.7%) exact matches, in which:
9958 unique CDR3
13 unique J



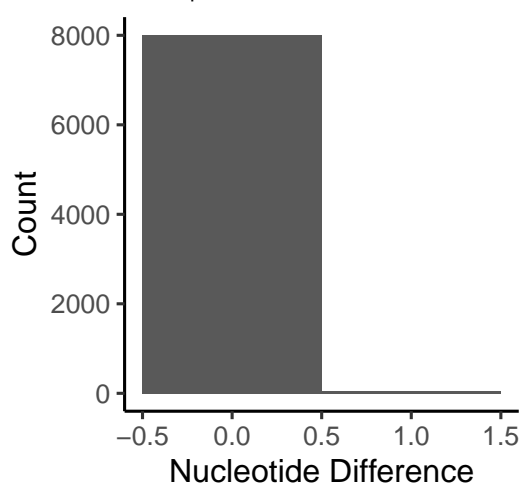
TRBV28*ap01

5234 sequences assigned
5191 (99.2%) exact matches, in which:
5120 unique CDR3
13 unique J



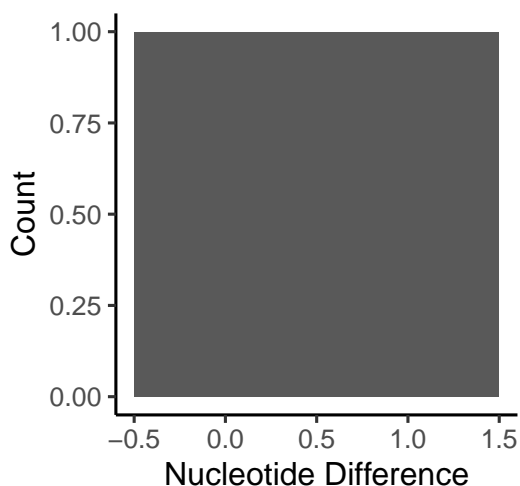
TRBV18*ap01

8057 sequences assigned
8006 (99.4%) exact matches, in which:
7935 unique CDR3
13 unique J



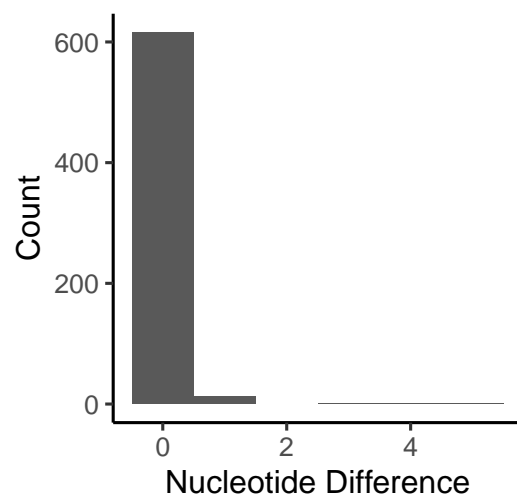
TRBV26*ap01

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



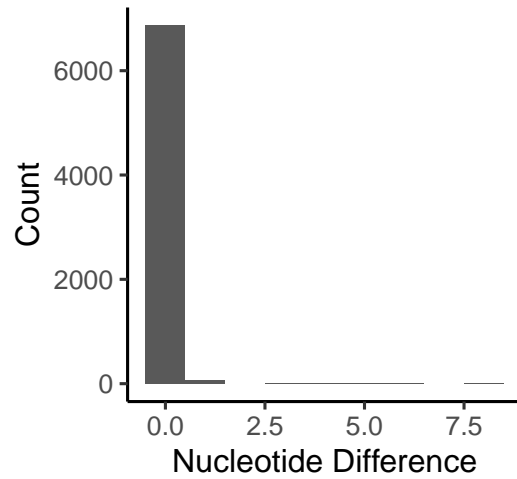
TRBV30*ap02

631 sequences assigned
616 (97.6%) exact matches, in which:
604 unique CDR3
13 unique J



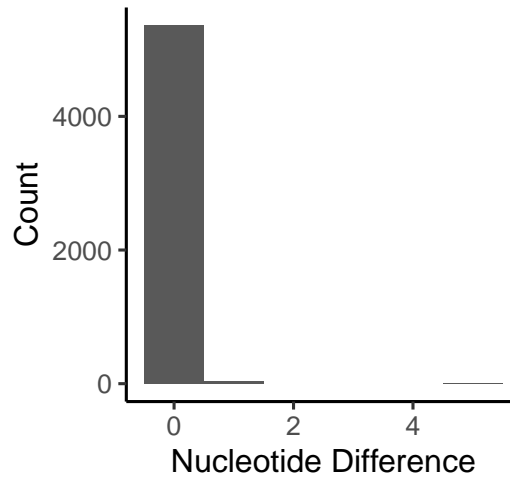
TRBV9*ap01

6944 sequences assigned
6868 (98.9%) exact matches, in which:
6764 unique CDR3
13 unique J



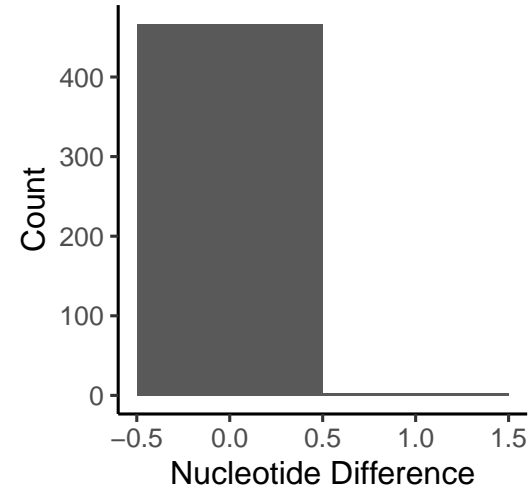
TRBV11-2*ap01

5401 sequences assigned
5361 (99.3%) exact matches, in which:
5299 unique CDR3
13 unique J



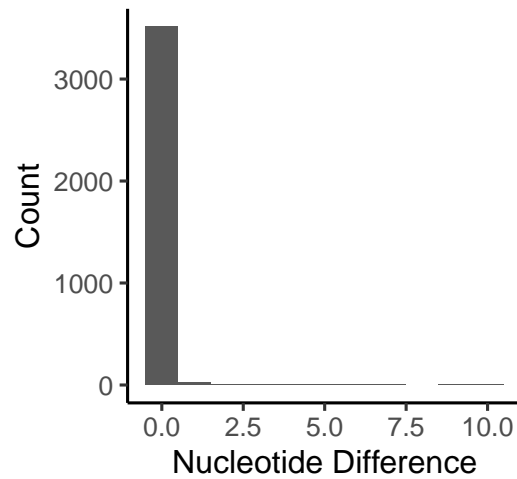
TRBV12-2*ap01

470 sequences assigned
467 (99.4%) exact matches, in which:
463 unique CDR3
13 unique J



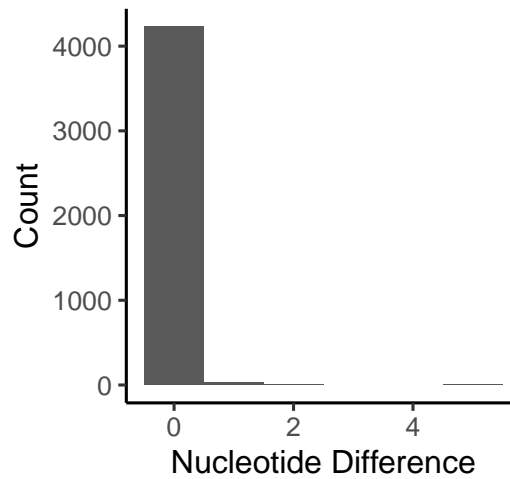
TRBV21-1*ap01

3563 sequences assigned
3513 (98.6%) exact matches, in which:
3483 unique CDR3
13 unique J



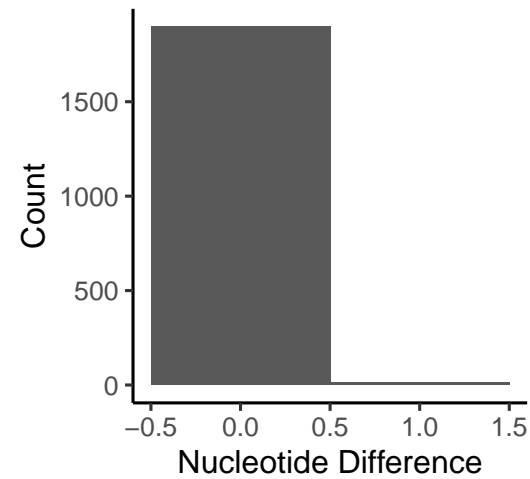
TRBV11-3*ap01

4265 sequences assigned
4229 (99.2%) exact matches, in which:
4172 unique CDR3
13 unique J



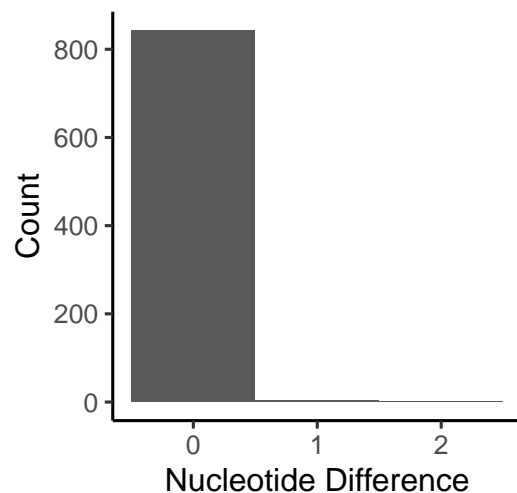
TRBV12-5*ap01

1909 sequences assigned
1897 (99.4%) exact matches, in which:
1865 unique CDR3
13 unique J



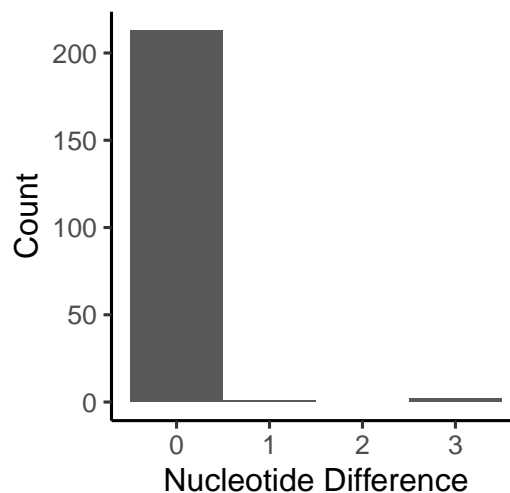
TRBV11-1*ap01

848 sequences assigned
843 (99.4%) exact matches, in which:
827 unique CDR3
13 unique J



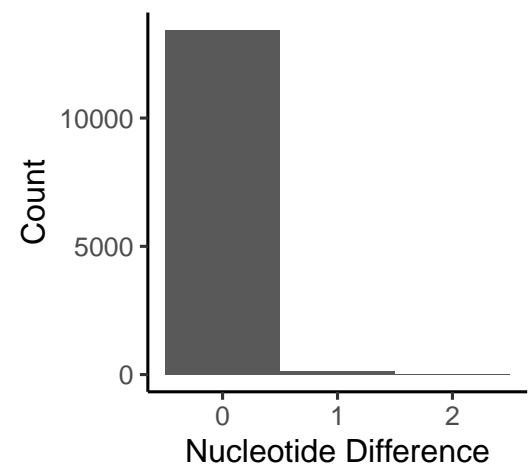
TRBV12-1*ap01

216 sequences assigned
213 (98.6%) exact matches, in which:
210 unique CDR3
13 unique J



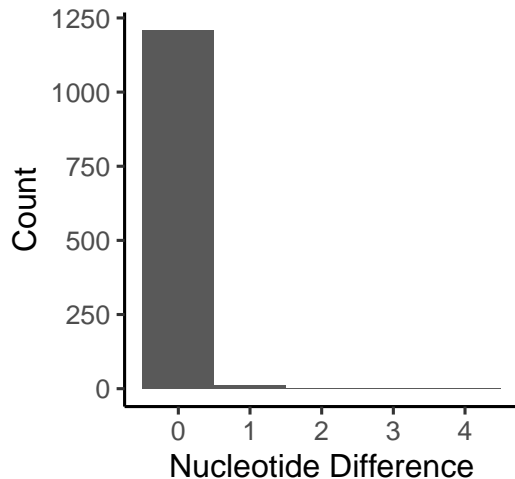
TRBV12-34*ap01

13579 sequences assigned
13442 (99%) exact matches, in which:
13238 unique CDR3
13 unique J



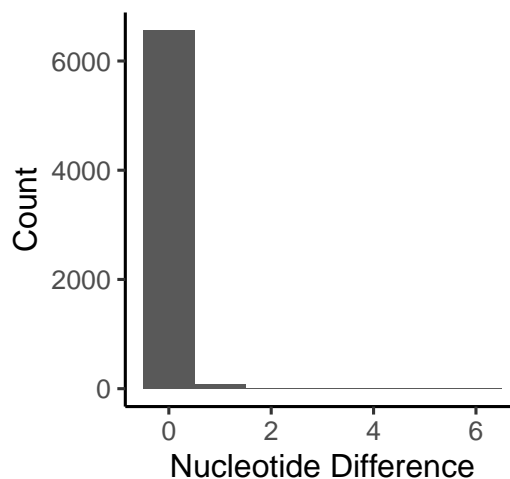
TRBV23-1*ap01

1225 sequences assigned
1208 (98.6%) exact matches, in which:
1192 unique CDR3
13 unique J



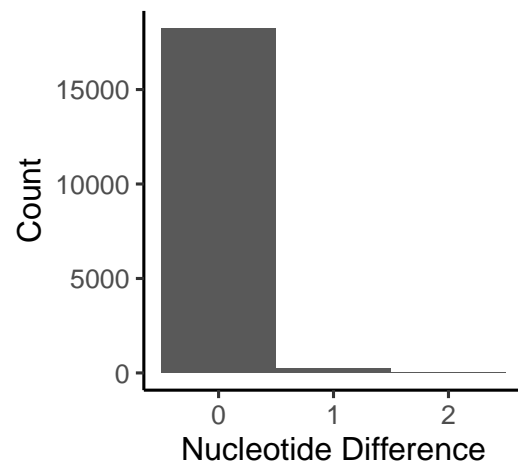
TRBV24-1*ap01

6663 sequences assigned
6560 (98.5%) exact matches, in which:
6424 unique CDR3
13 unique J



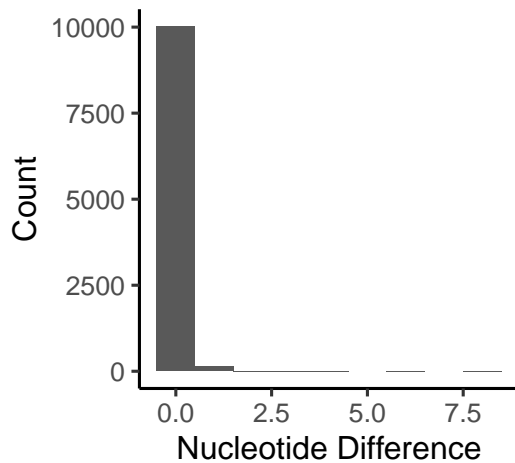
TRBV5-1*ap01

18484 sequences assigned
18250 (98.7%) exact matches, in which:
17817 unique CDR3
13 unique J



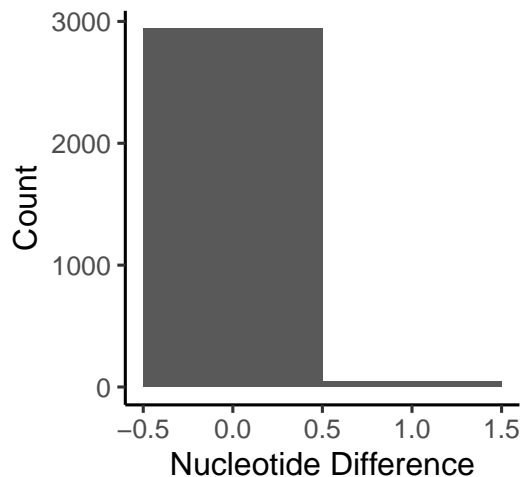
TRBV3-12*ap01

10171 sequences assigned
10019 (98.5%) exact matches, in which:
9836 unique CDR3
14 unique J



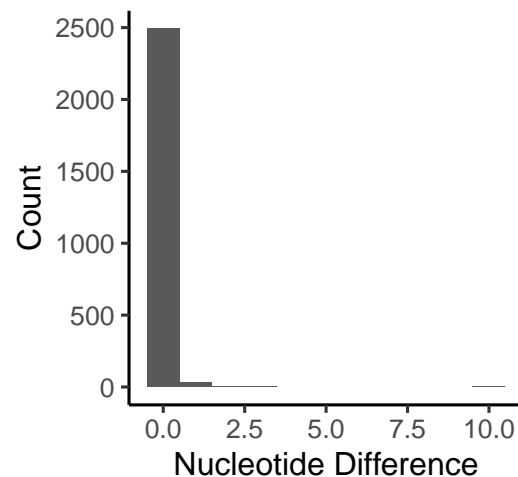
TRBV4-2*ap01

2989 sequences assigned
2940 (98.4%) exact matches, in which:
2889 unique CDR3
13 unique J



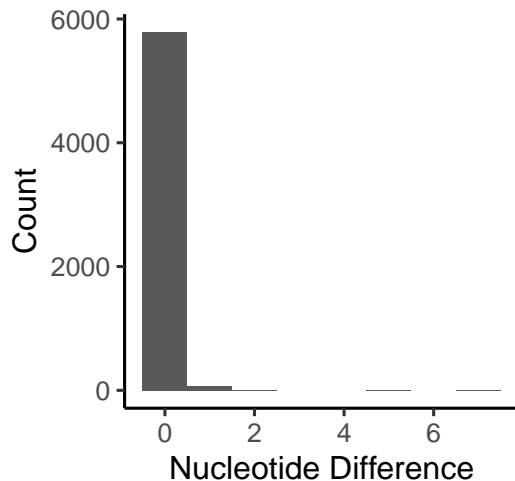
TRBV25-1*ap01

2529 sequences assigned
2492 (98.5%) exact matches, in which:
2428 unique CDR3
13 unique J



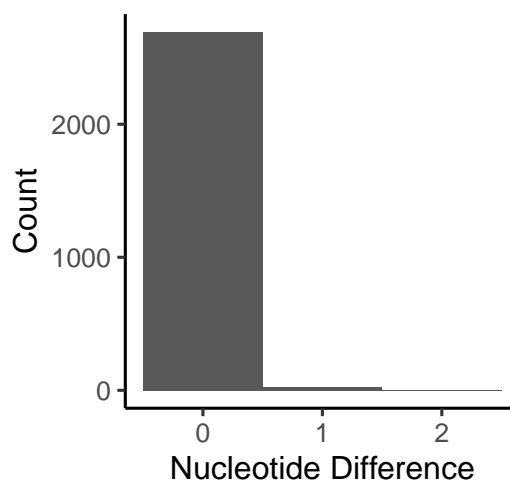
TRBV4-1*ap01

5858 sequences assigned
5789 (98.8%) exact matches, in which:
5691 unique CDR3
14 unique J



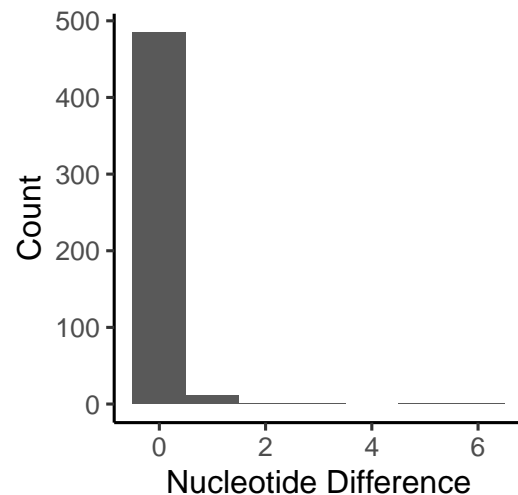
TRBV4-3*ap01

2722 sequences assigned
2693 (98.9%) exact matches, in which:
2631 unique CDR3
13 unique J



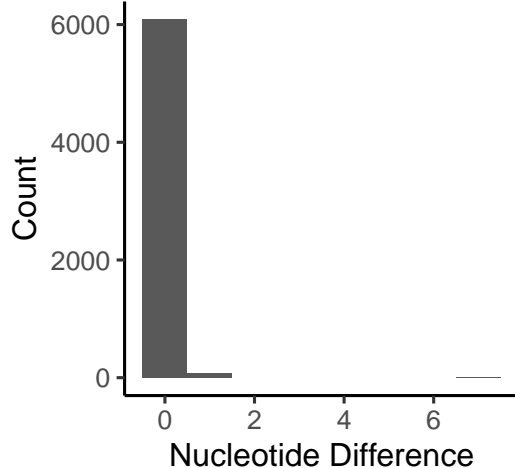
TRBV5-3*ap01

500 sequences assigned
485 (97%) exact matches, in which:
473 unique CDR3
13 unique J



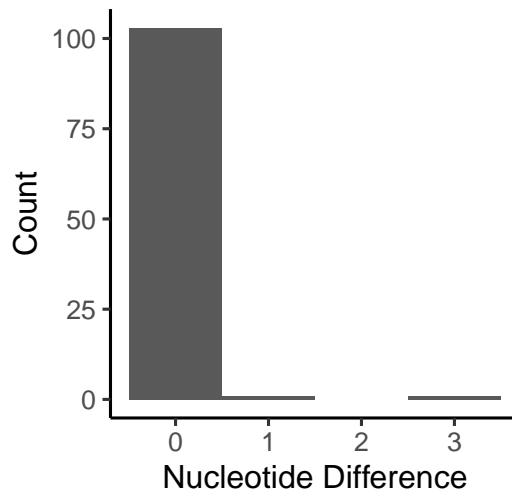
TRBV5-4*ap01

6173 sequences assigned
6088 (98.6%) exact matches, in which:
5982 unique CDR3
13 unique J



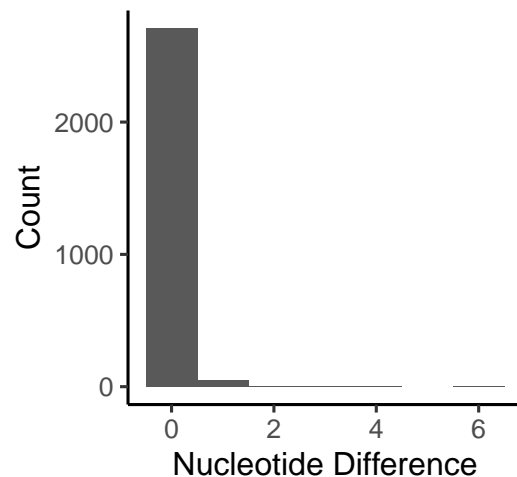
TRBV5-7*ap01

105 sequences assigned
103 (98.1%) exact matches, in which:
98 unique CDR3
13 unique J



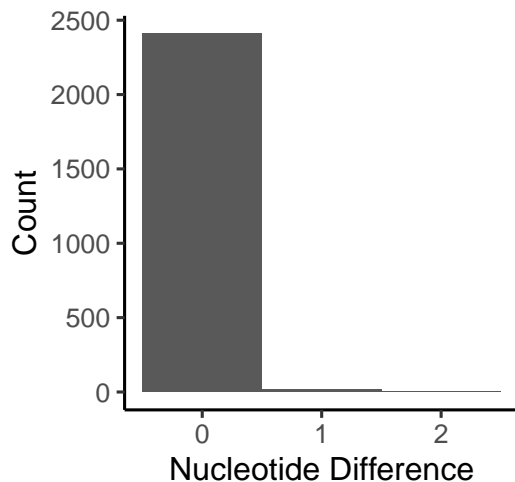
TRBV6-4*ap01

2765 sequences assigned
2708 (97.9%) exact matches, in which:
2678 unique CDR3
13 unique J



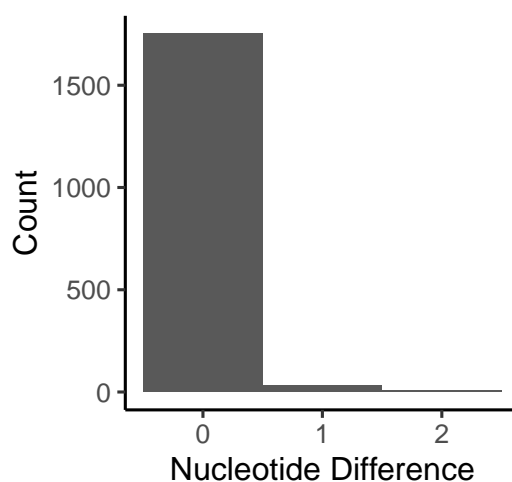
TRBV5-5*ap01

2431 sequences assigned
2409 (99.1%) exact matches, in which:
2381 unique CDR3
13 unique J



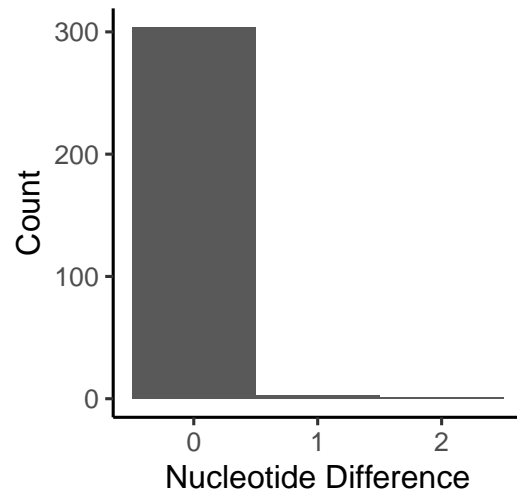
TRBV5-8*ap01

1787 sequences assigned
1752 (98%) exact matches, in which:
1728 unique CDR3
13 unique J



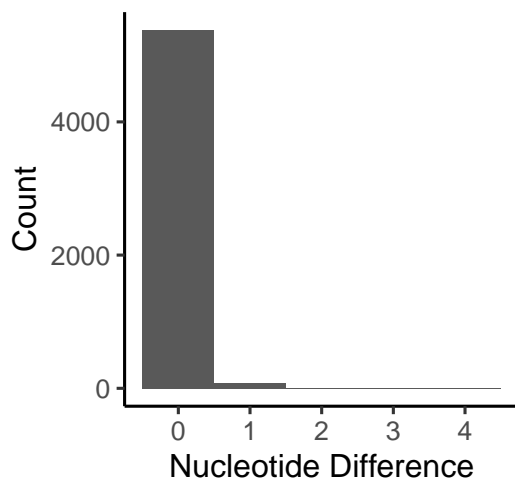
TRBV6-7*ap01

308 sequences assigned
304 (98.7%) exact matches, in which:
297 unique CDR3
13 unique J



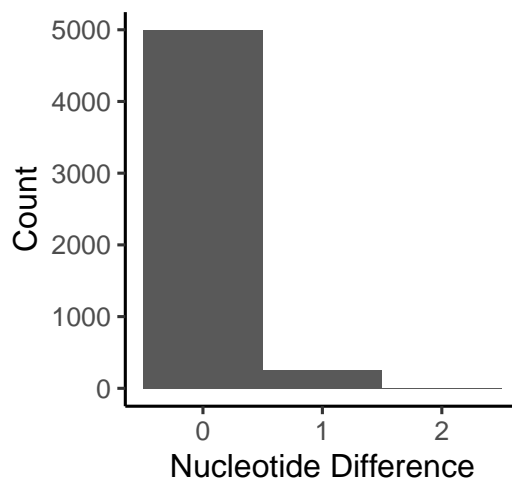
TRBV5-6*ap01

5464 sequences assigned
5379 (98.4%) exact matches, in which:
5224 unique CDR3
13 unique J



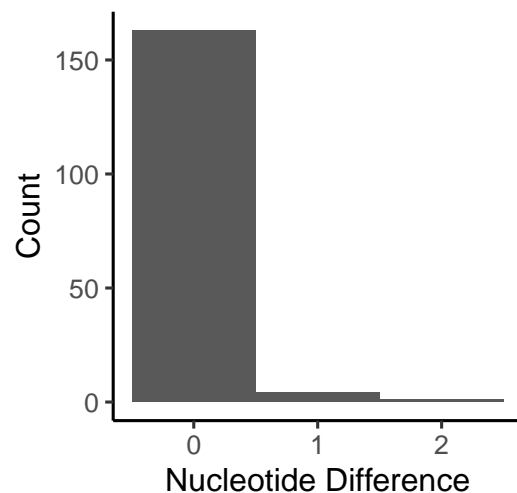
TRBV6-1*ap01

5251 sequences assigned
4996 (95.1%) exact matches, in which:
4898 unique CDR3
13 unique J



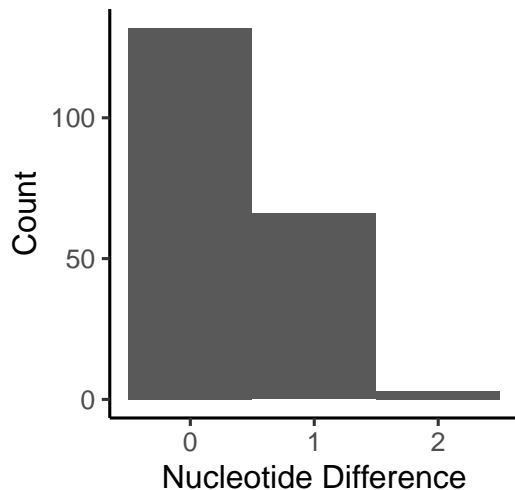
TRBV6-8*ap01

168 sequences assigned
163 (97%) exact matches, in which:
158 unique CDR3
13 unique J



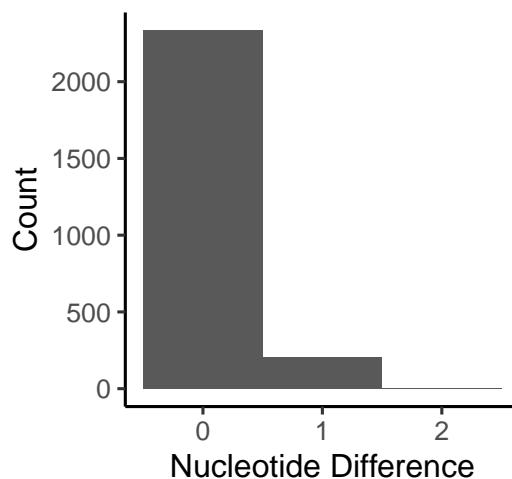
TRBV6-9*ap01

201 sequences assigned
132 (65.7%) exact matches, in which:
127 unique CDR3
13 unique J



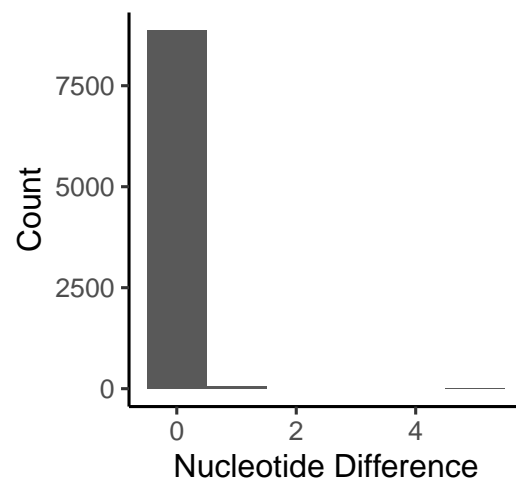
TRBV6-56*ap02

2543 sequences assigned
2334 (91.8%) exact matches, in which:
2294 unique CDR3
13 unique J



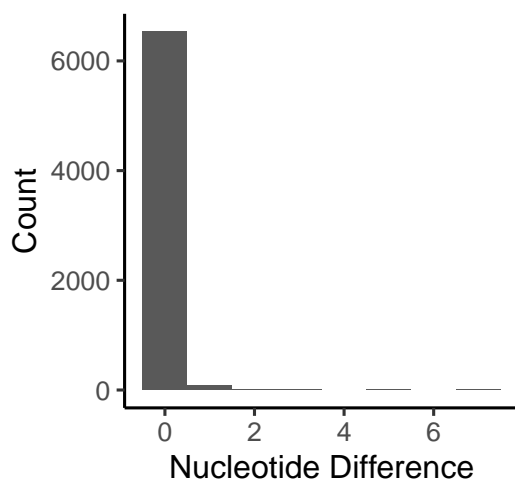
TRBV7-2*ap01

8939 sequences assigned
8869 (99.2%) exact matches, in which:
8764 unique CDR3
13 unique J



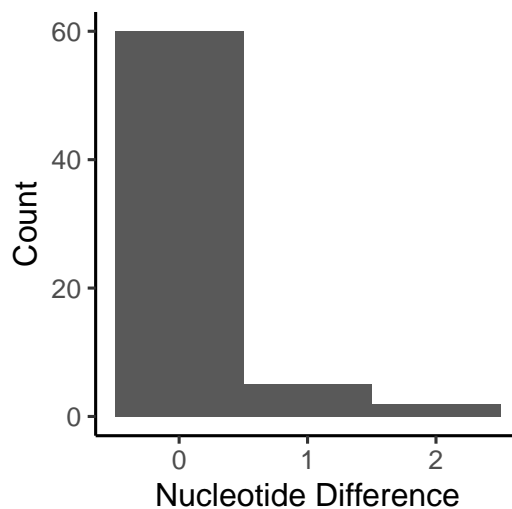
TRBV6-23*ap01

6620 sequences assigned
6532 (98.7%) exact matches, in which:
6363 unique CDR3
13 unique J



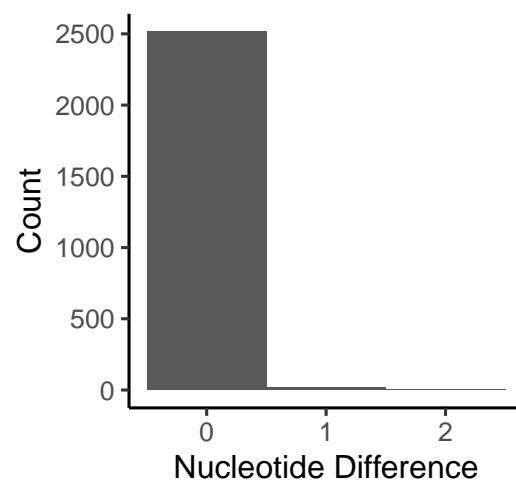
TRBV7-1*ap01_G291C_T

67 sequences assigned
60 (89.6%) exact matches, in which:
58 unique CDR3
11 unique J



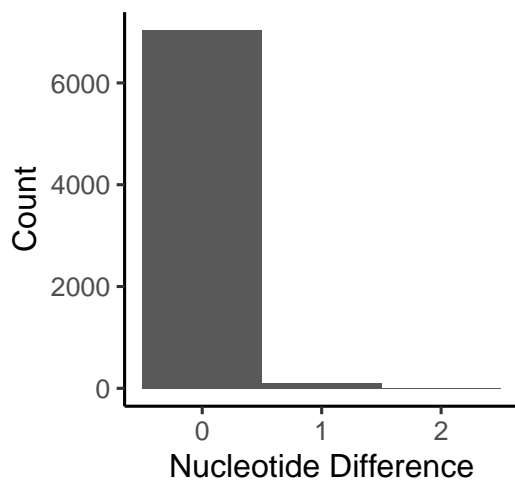
TRBV7-3*ap01

2535 sequences assigned
2515 (99.2%) exact matches, in which:
2492 unique CDR3
13 unique J



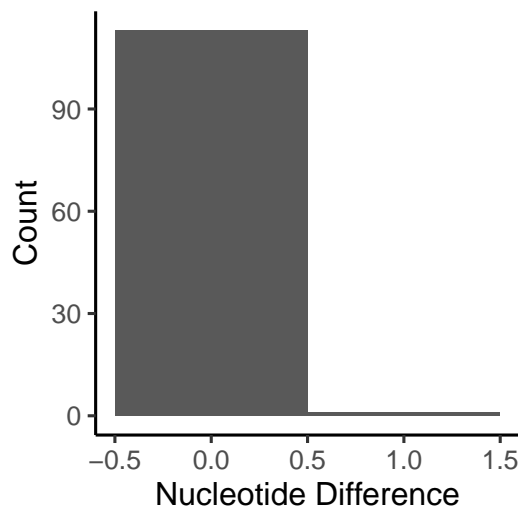
TRBV6-56*ap01

7144 sequences assigned
7039 (98.5%) exact matches, in which:
6866 unique CDR3
13 unique J



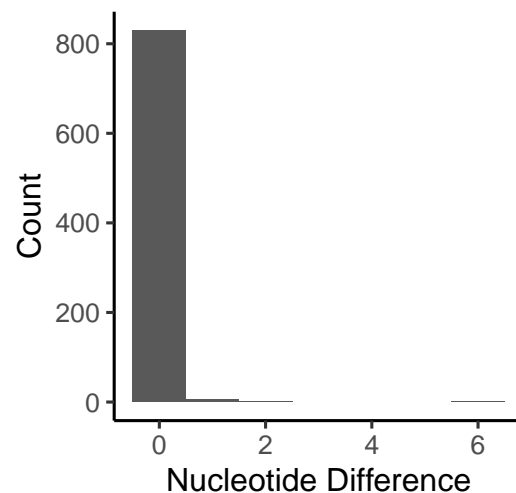
TRBV7-1*ap01_G291C_T

114 sequences assigned
113 (99.1%) exact matches, in which:
112 unique CDR3
13 unique J



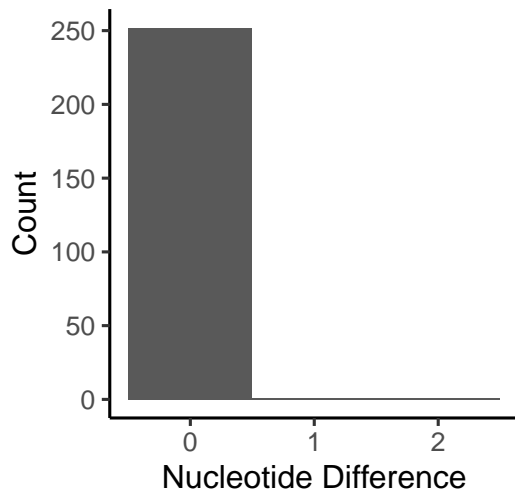
TRBV7-3*ap03

838 sequences assigned
830 (99%) exact matches, in which:
811 unique CDR3
13 unique J



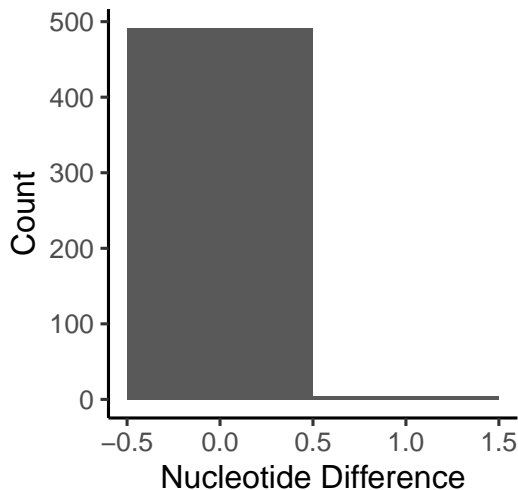
TRBV7-4*ap01

254 sequences assigned
252 (99.2%) exact matches, in which:
245 unique CDR3
13 unique J



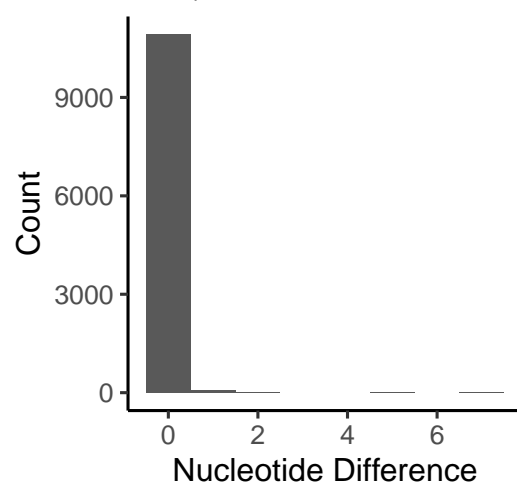
TRBV7-7*ap01_C315T

497 sequences assigned
492 (99%) exact matches, in which:
487 unique CDR3
13 unique J



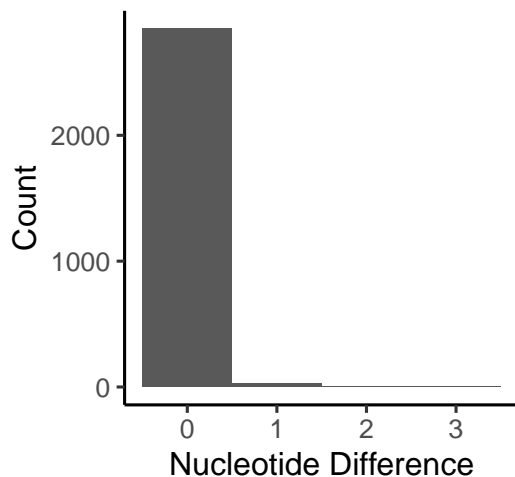
TRBV7-9*ap01

11001 sequences assigned
10921 (99.3%) exact matches, in which:
10805 unique CDR3
13 unique J



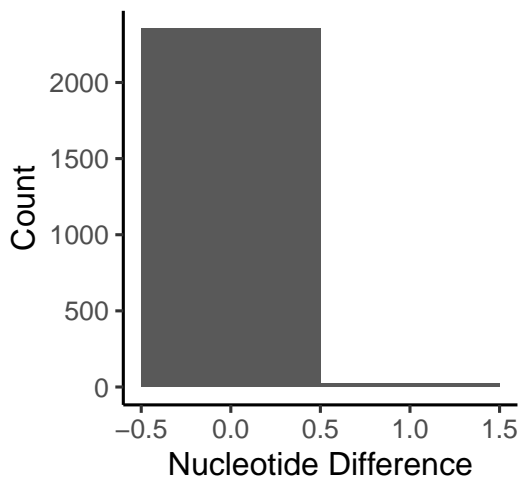
TRBV7-6*ap01

2880 sequences assigned
2847 (98.9%) exact matches, in which:
2793 unique CDR3
13 unique J



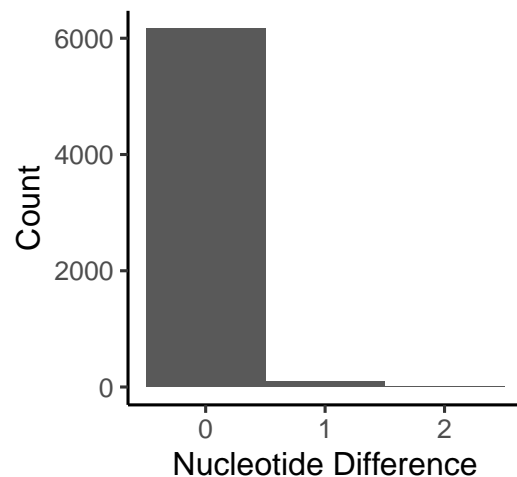
TRBV7-8*ap01

2375 sequences assigned
2353 (99.1%) exact matches, in which:
2313 unique CDR3
13 unique J



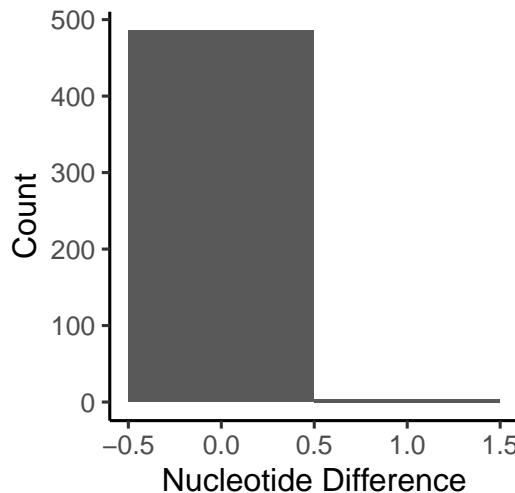
TRBV29-1*ap01

6259 sequences assigned
6164 (98.5%) exact matches, in which:
6034 unique CDR3
13 unique J



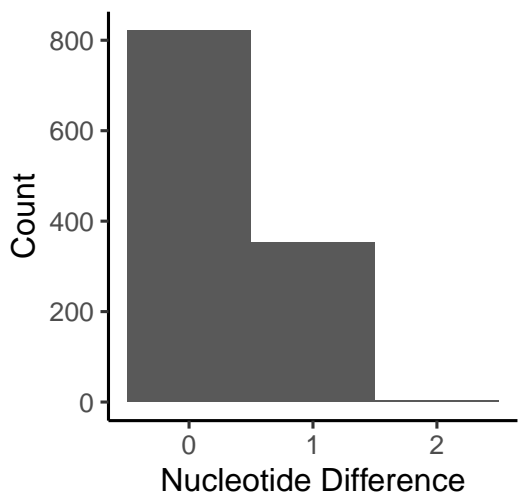
TRBV7-7*ap01

490 sequences assigned
486 (99.2%) exact matches, in which:
477 unique CDR3
13 unique J



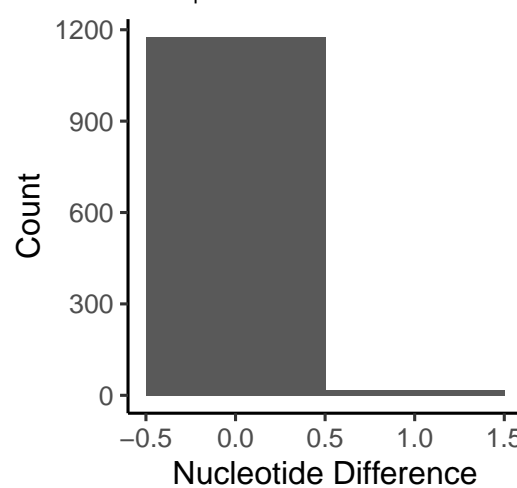
TRBV7-8*ap03

1179 sequences assigned
822 (69.7%) exact matches, in which:
808 unique CDR3
13 unique J

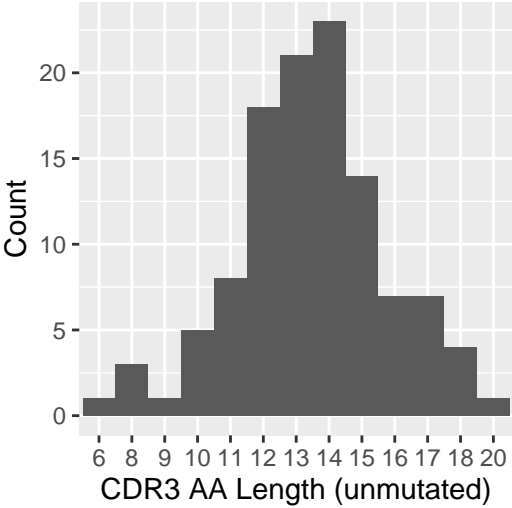


TRBV29-1*ap02

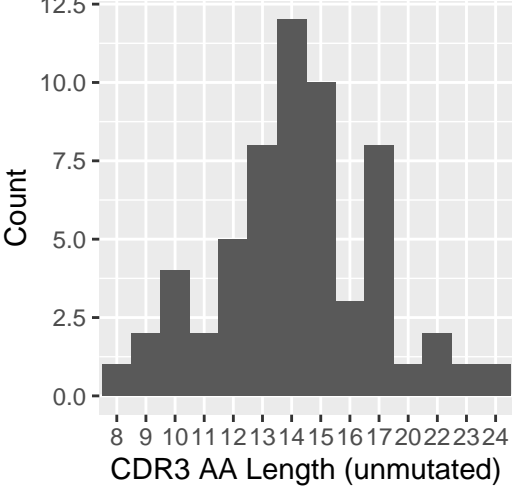
1194 sequences assigned
1176 (98.5%) exact matches, in which:
1148 unique CDR3
13 unique J



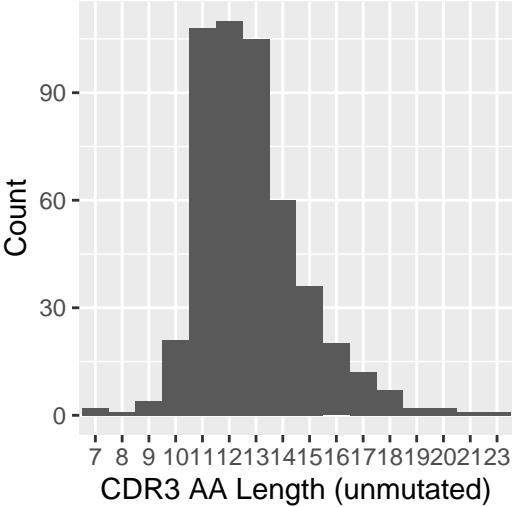
TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.