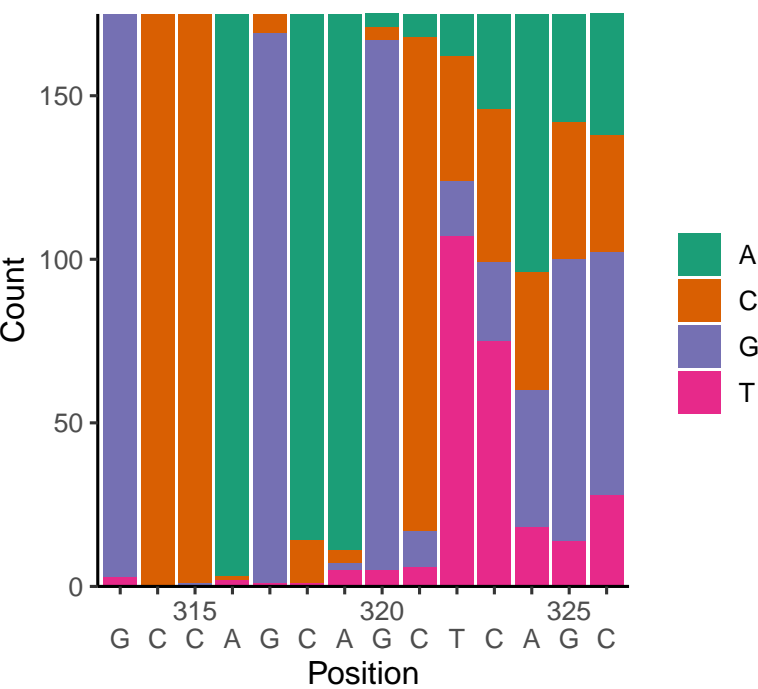
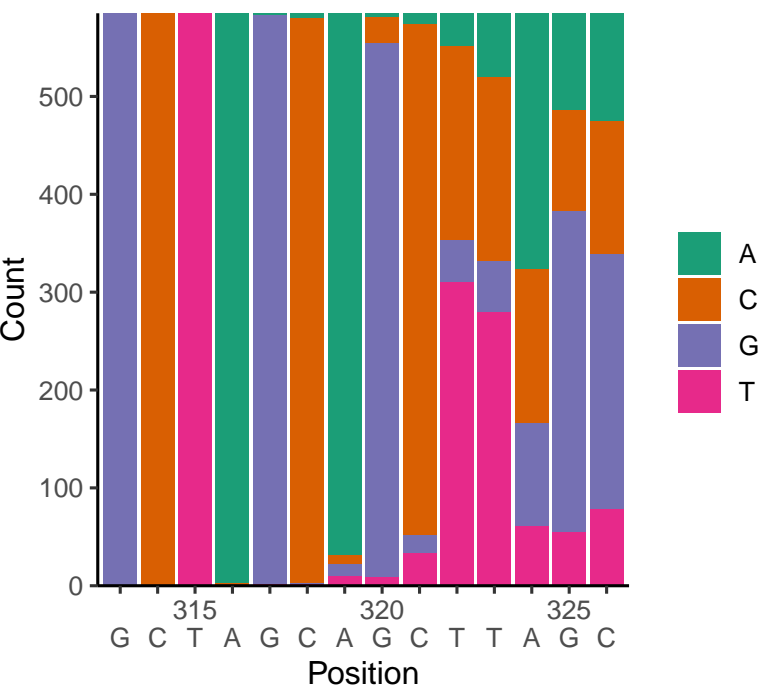


Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



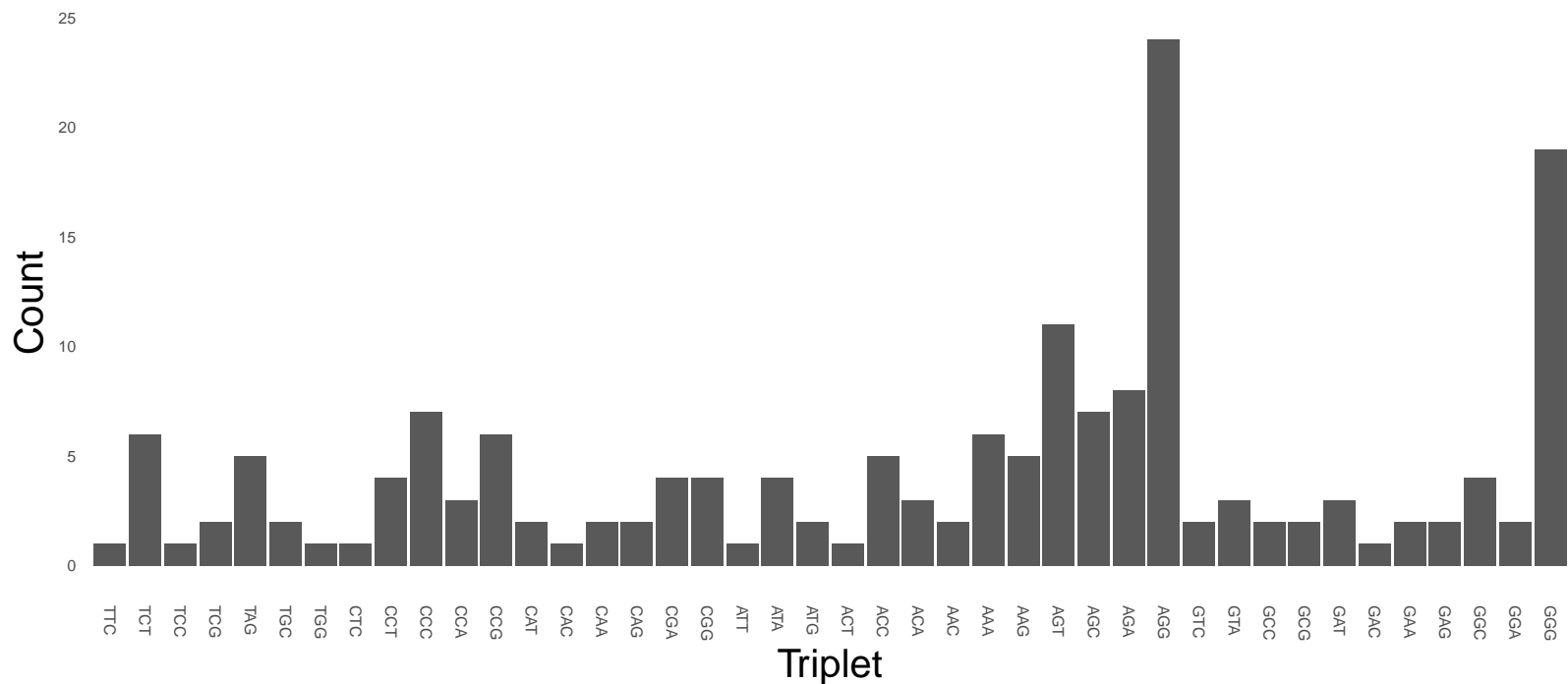
Gene TRBV7-1*ap01_G291C_T296C



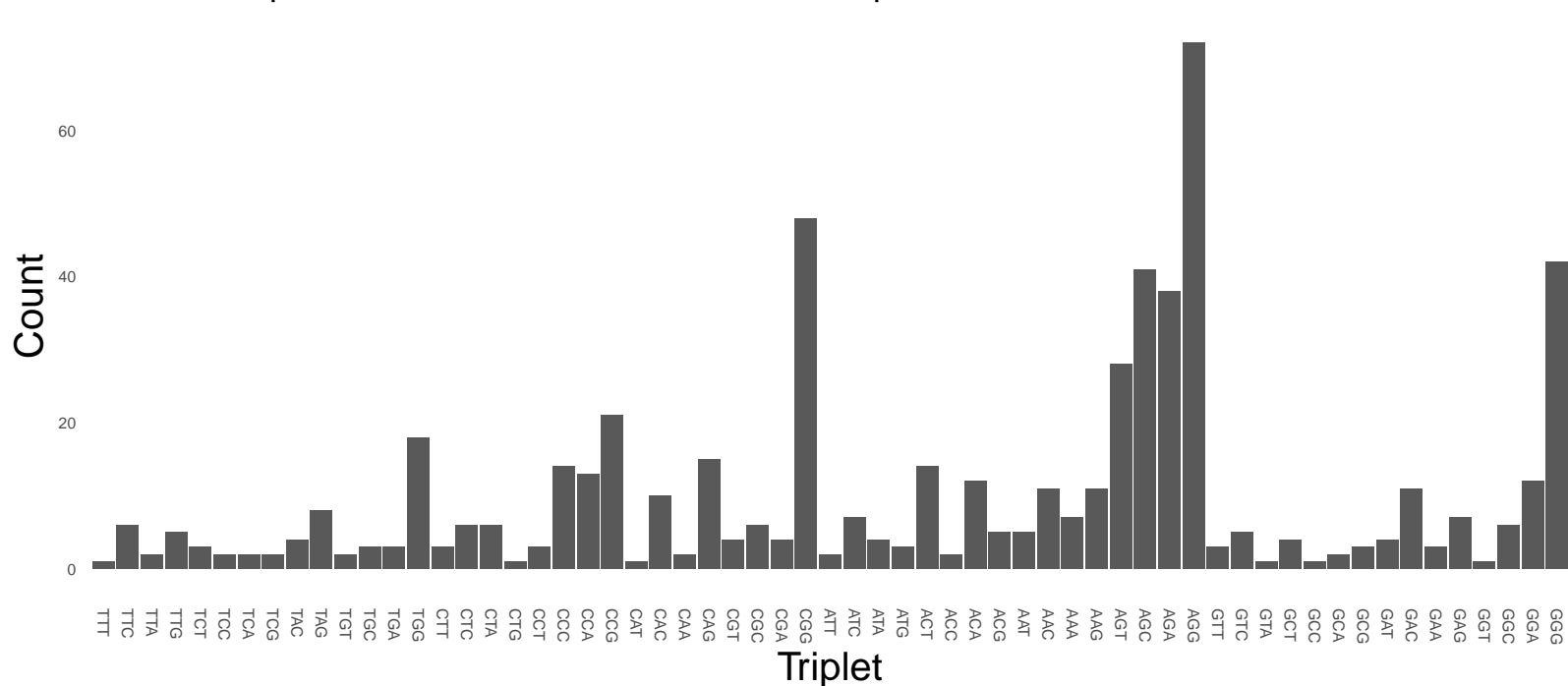
Gene TRBV7-7*ap01_C315T



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

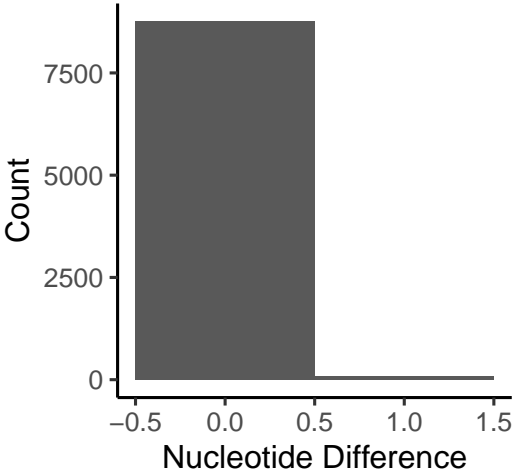


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



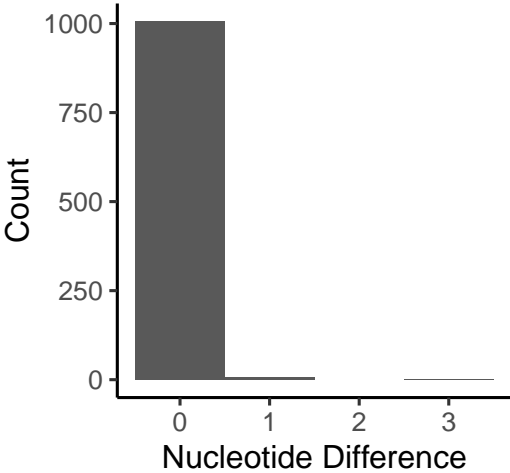
TRBV20-1*ap01

8855 sequences assigned
8760 (98.9%) exact matches, in which:
8595 unique CDR3
13 unique J



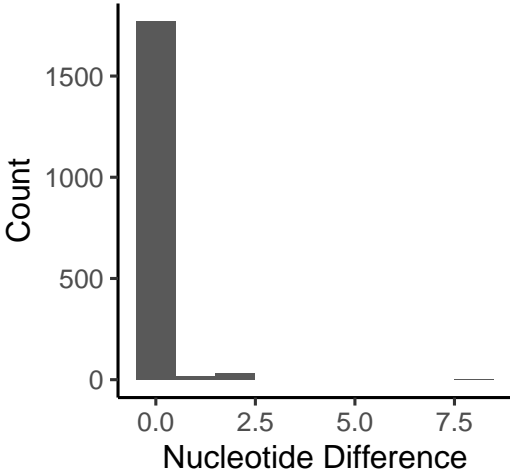
TRBV10-2*ap01

1014 sequences assigned
1006 (99.2%) exact matches, in which:
981 unique CDR3
13 unique J



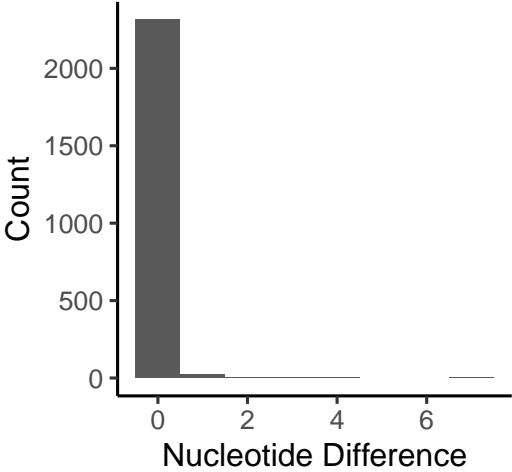
TRBV13*ap01

1822 sequences assigned
1770 (97.1%) exact matches, in which:
1717 unique CDR3
13 unique J



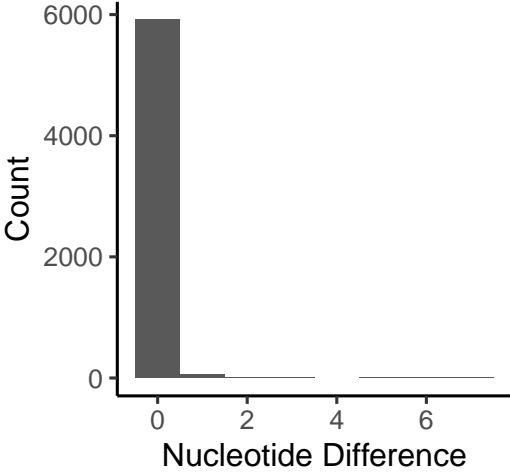
TRBV10-1*ap01

2342 sequences assigned
2314 (98.8%) exact matches, in which:
2252 unique CDR3
13 unique J



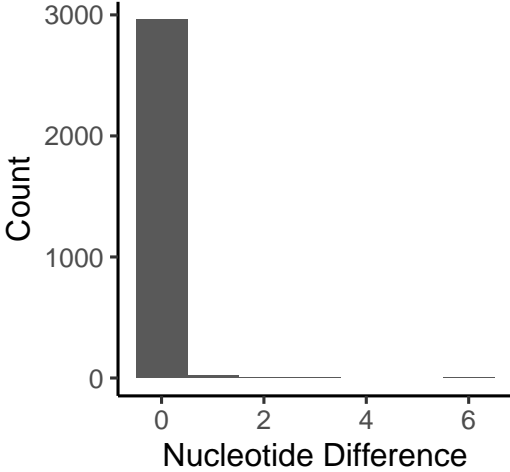
TRBV10-3*ap01

5989 sequences assigned
5915 (98.8%) exact matches, in which:
5762 unique CDR3
13 unique J



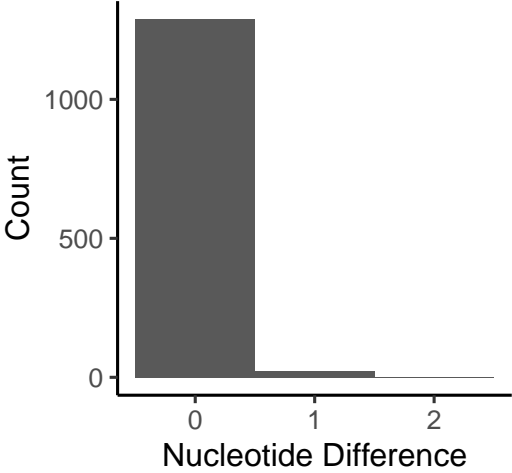
TRBV14*ap01

2985 sequences assigned
2960 (99.2%) exact matches, in which:
2898 unique CDR3
13 unique J



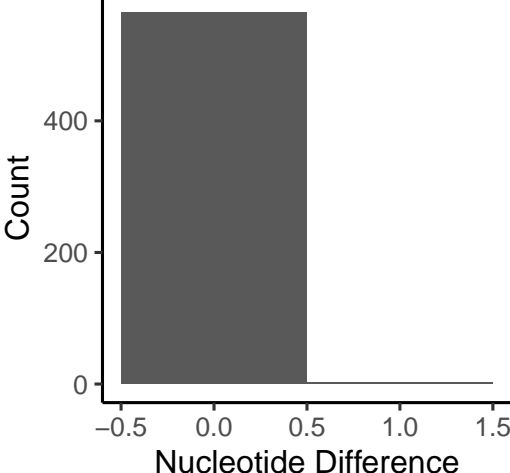
TRBV20-1*ap02

1313 sequences assigned
1289 (98.2%) exact matches, in which:
1270 unique CDR3
13 unique J



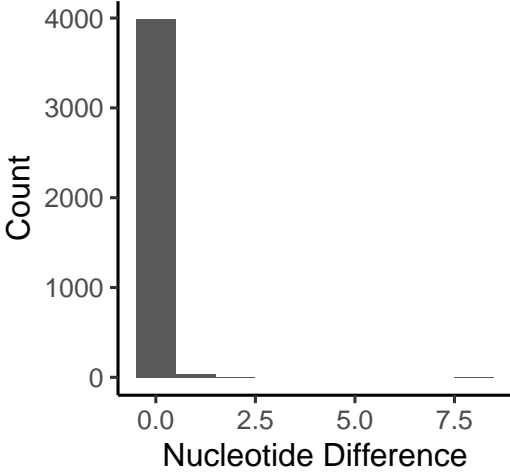
TRBV1*ap01

568 sequences assigned
565 (99.5%) exact matches, in which:
555 unique CDR3
13 unique J



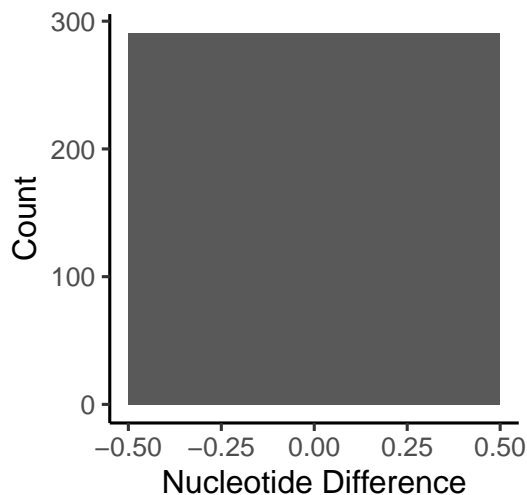
TRBV15*ap02

4027 sequences assigned
3989 (99.1%) exact matches, in which:
3889 unique CDR3
13 unique J



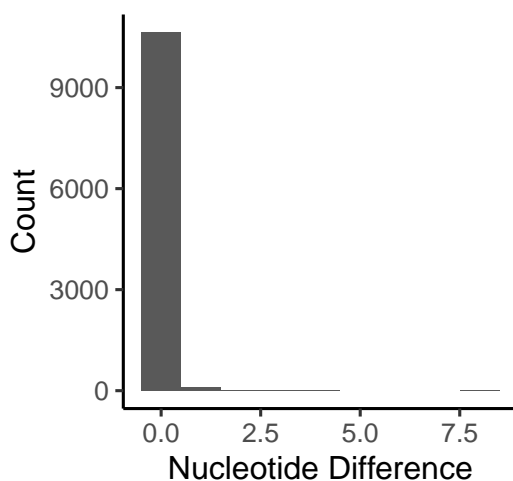
TRBV16*ap01

291 sequences assigned
291 (100%) exact matches, in which:
289 unique CDR3
13 unique J



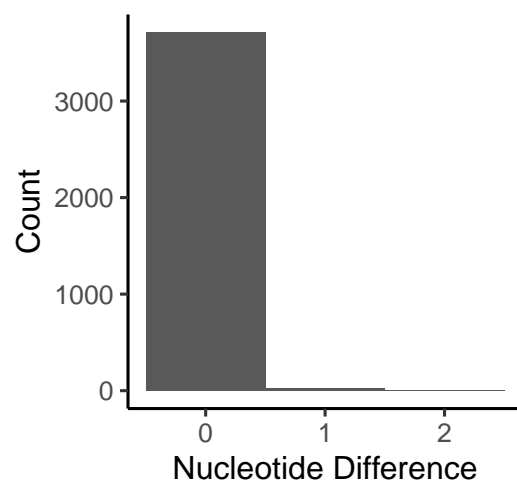
TRBV2*ap01

10747 sequences assigned
10639 (99%) exact matches, in which:
10399 unique CDR3
13 unique J



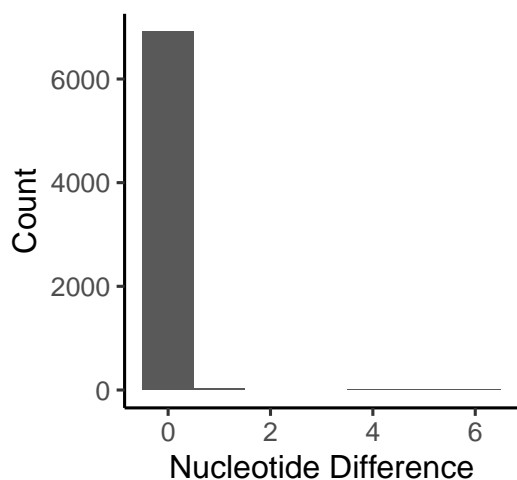
TRBV30*ap01

3741 sequences assigned
3711 (99.2%) exact matches, in which:
3656 unique CDR3
13 unique J



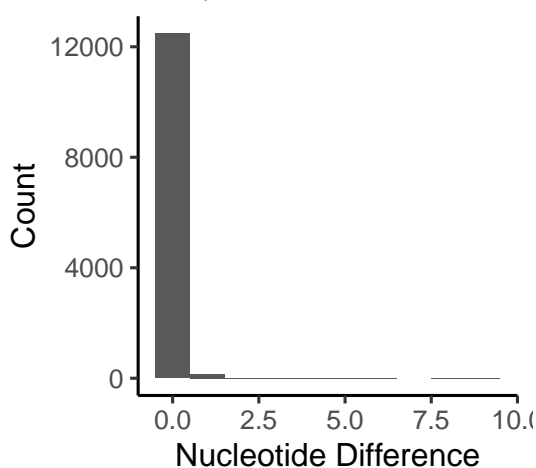
TRBV18*ap01

6947 sequences assigned
6912 (99.5%) exact matches, in which:
6806 unique CDR3
13 unique J



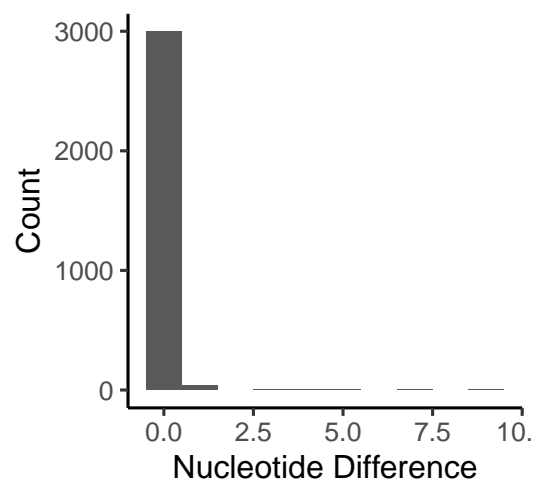
TRBV27*ap01

12662 sequences assigned
12482 (98.6%) exact matches, in which:
12148 unique CDR3
13 unique J



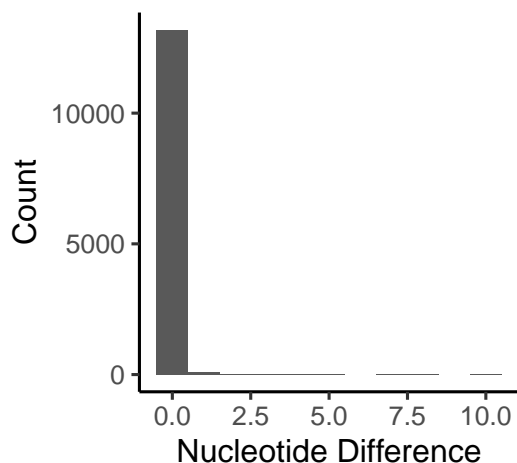
TRBV30*ap02

3040 sequences assigned
2996 (98.6%) exact matches, in which:
2963 unique CDR3
13 unique J



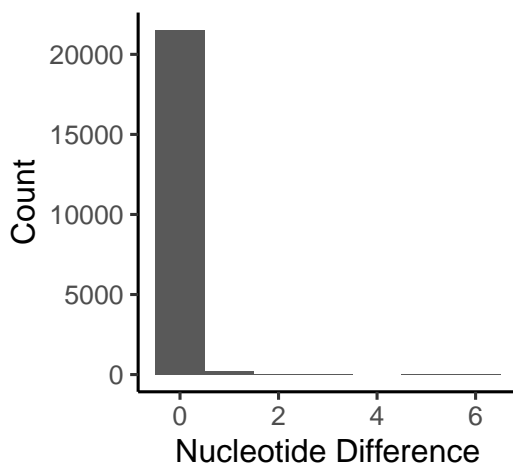
TRBV19*ap01

13314 sequences assigned
13188 (99.1%) exact matches, in which:
13003 unique CDR3
13 unique J



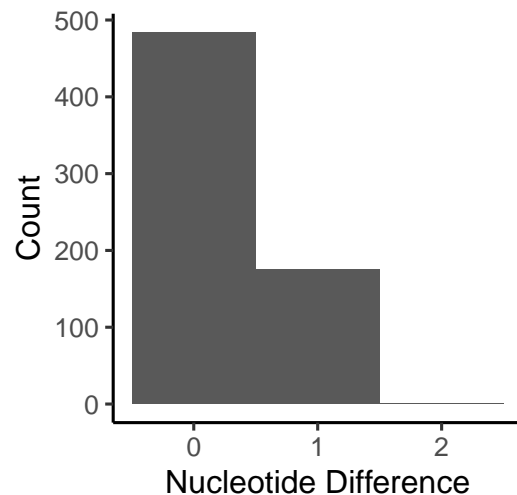
TRBV28*ap01

21765 sequences assigned
21535 (98.9%) exact matches, in which:
21076 unique CDR3
14 unique J



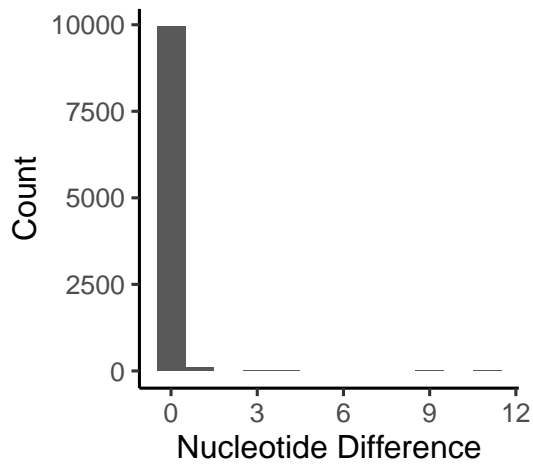
TRBV30*ap03

660 sequences assigned
484 (73.3%) exact matches, in which:
477 unique CDR3
13 unique J



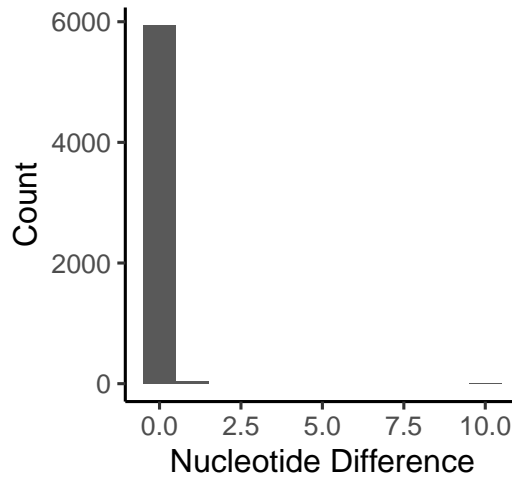
TRBV9*ap01

10053 sequences assigned
9959 (99.1%) exact matches, in which:
9743 unique CDR3
13 unique J



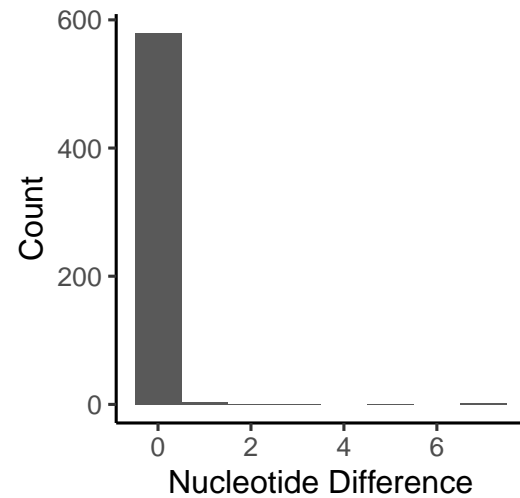
TRBV11-2*ap01

5985 sequences assigned
5939 (99.2%) exact matches, in which:
5809 unique CDR3
13 unique J



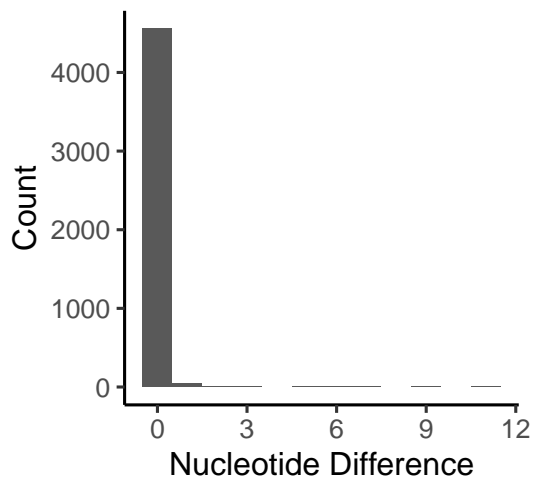
TRBV12-2*ap01

589 sequences assigned
580 (98.5%) exact matches, in which:
565 unique CDR3
13 unique J



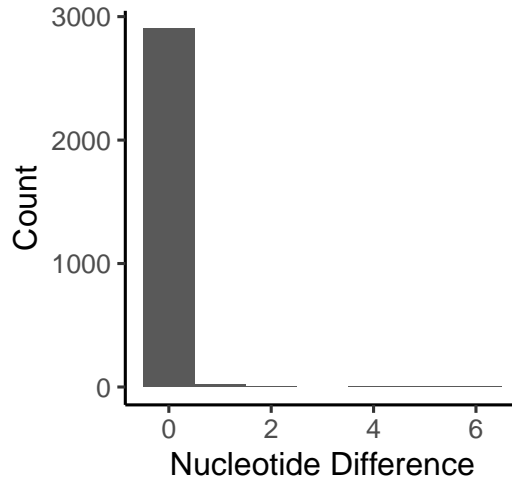
TRBV21-1*ap01

4633 sequences assigned
4556 (98.3%) exact matches, in which:
4469 unique CDR3
13 unique J



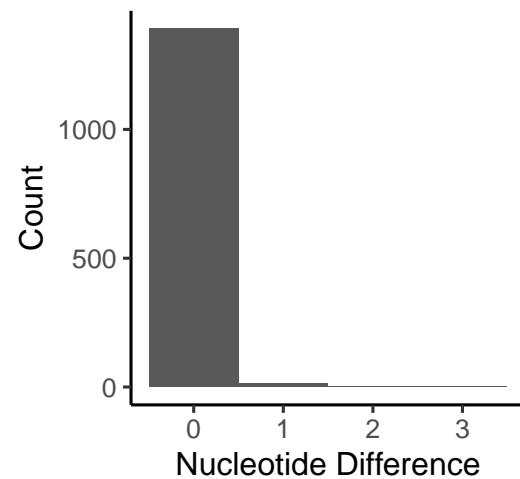
TRBV11-3*ap01

2927 sequences assigned
2902 (99.1%) exact matches, in which:
2855 unique CDR3
13 unique J



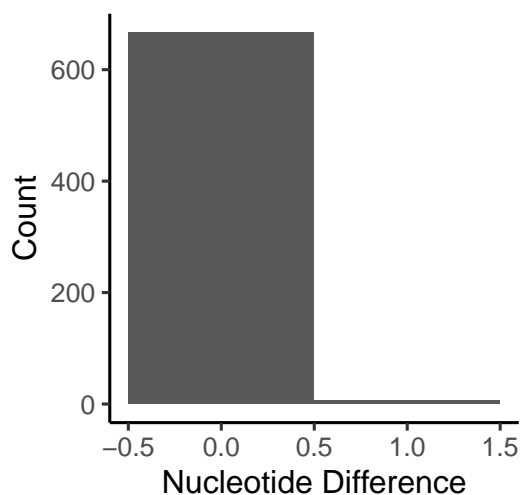
TRBV12-5*ap01

1406 sequences assigned
1391 (98.9%) exact matches, in which:
1373 unique CDR3
13 unique J



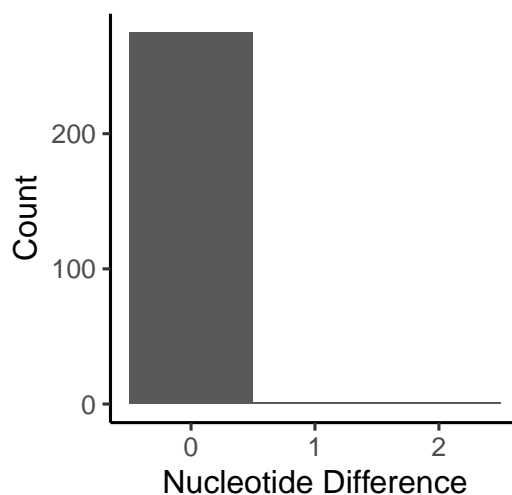
TRBV11-1*ap01

673 sequences assigned
667 (99.1%) exact matches, in which:
653 unique CDR3
13 unique J



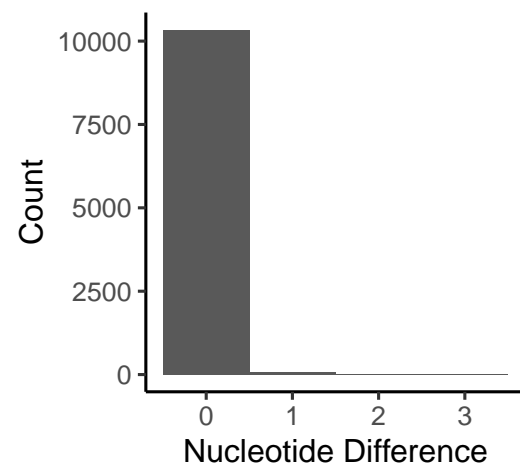
TRBV12-1*ap01

277 sequences assigned
275 (99.3%) exact matches, in which:
265 unique CDR3
13 unique J



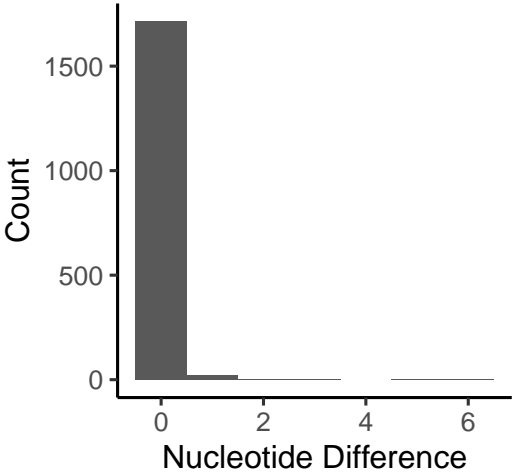
TRBV12-34*ap01

10432 sequences assigned
10339 (99.1%) exact matches, in which:
10139 unique CDR3
13 unique J



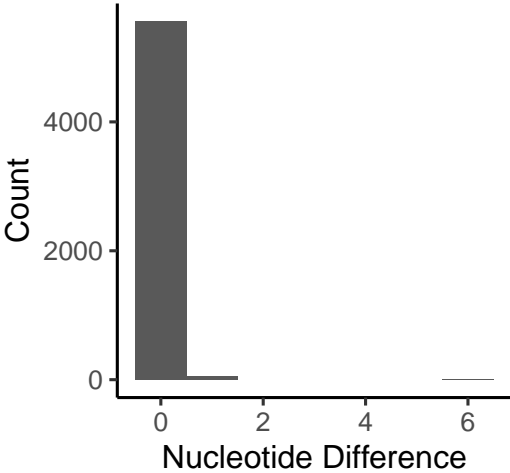
TRBV23-1*ap01

1740 sequences assigned
1714 (98.5%) exact matches, in which:
1676 unique CDR3
13 unique J



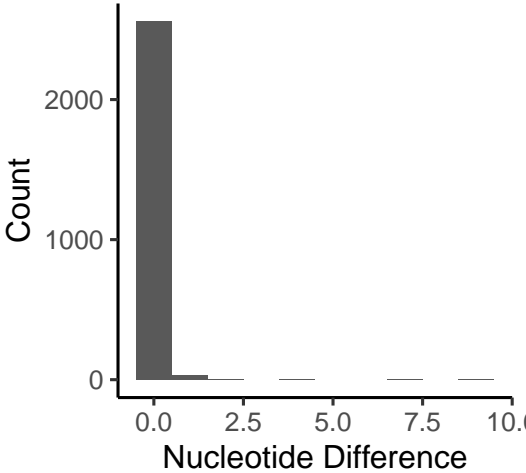
TRBV4-1*ap01

5620 sequences assigned
5559 (98.9%) exact matches, in which:
5441 unique CDR3
13 unique J



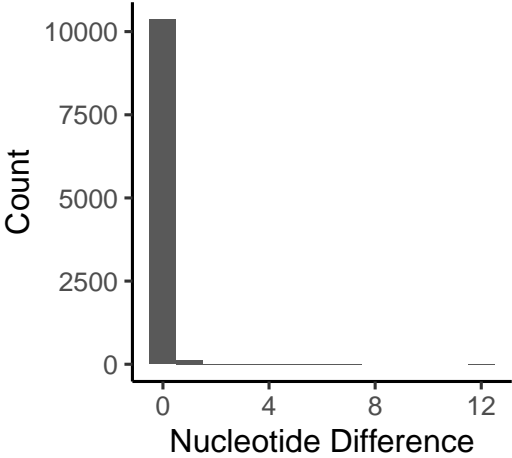
TRBV25-1*ap01

2594 sequences assigned
2558 (98.6%) exact matches, in which:
2513 unique CDR3
13 unique J



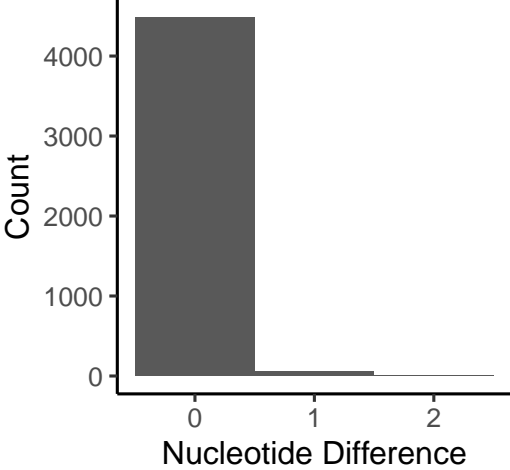
TRBV3-12*ap01

10511 sequences assigned
10365 (98.6%) exact matches, in which:
10107 unique CDR3
13 unique J



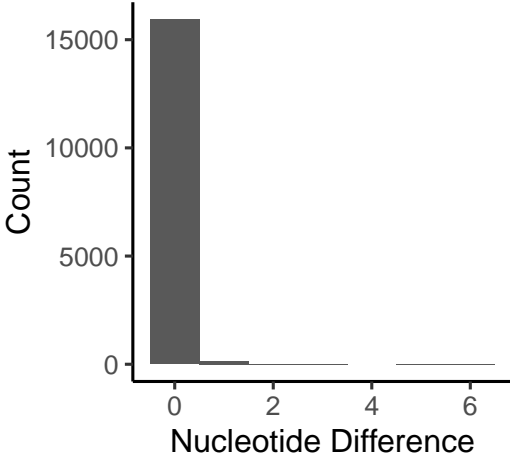
TRBV4-2*ap01

4536 sequences assigned
4479 (98.7%) exact matches, in which:
4386 unique CDR3
13 unique J



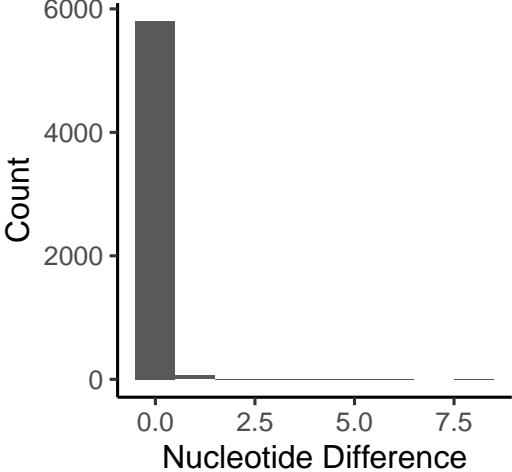
TRBV5-1*ap01

16107 sequences assigned
15935 (98.9%) exact matches, in which:
15550 unique CDR3
13 unique J



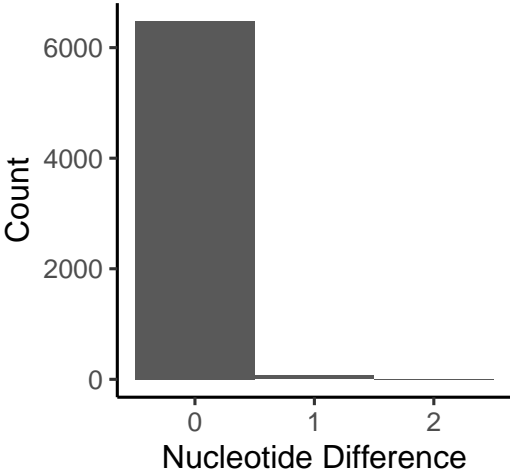
TRBV24-1*ap01

5889 sequences assigned
5803 (98.5%) exact matches, in which:
5720 unique CDR3
13 unique J



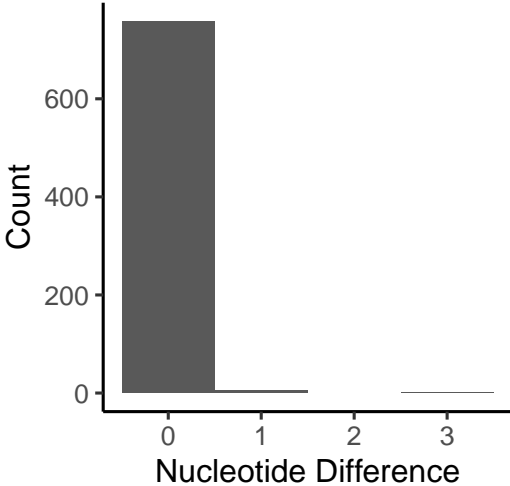
TRBV4-3*ap01

6556 sequences assigned
6481 (98.9%) exact matches, in which:
6341 unique CDR3
13 unique J



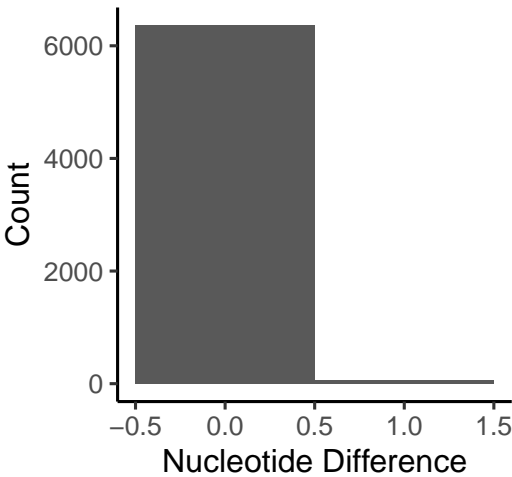
TRBV5-3*ap01

766 sequences assigned
758 (99%) exact matches, in which:
743 unique CDR3
13 unique J



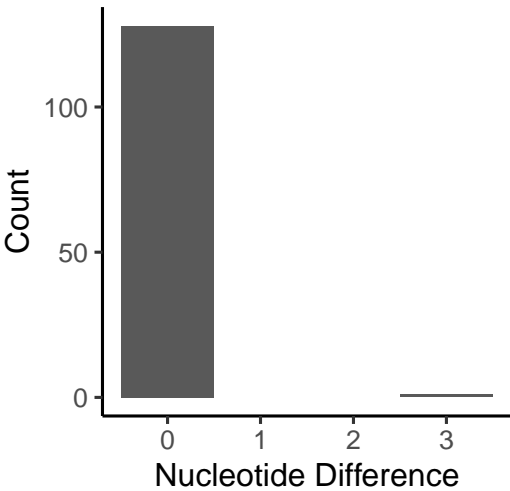
TRBV5-4*ap01

6433 sequences assigned
6362 (98.9%) exact matches, in which:
6206 unique CDR3
13 unique J



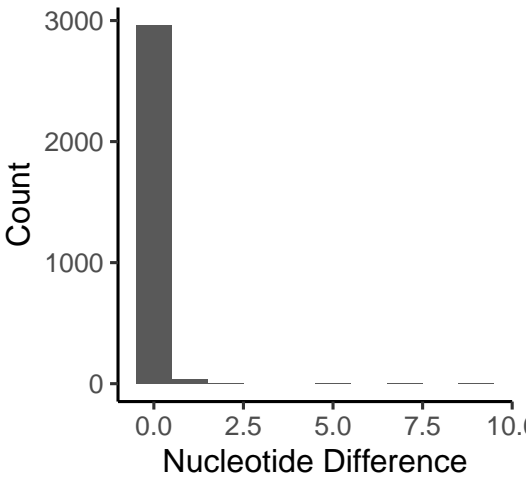
TRBV5-7*ap01

129 sequences assigned
128 (99.2%) exact matches, in which:
126 unique CDR3
13 unique J



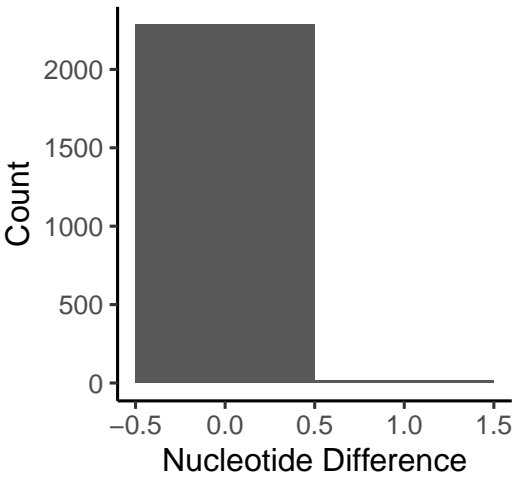
TRBV6-4*ap01

3005 sequences assigned
2960 (98.5%) exact matches, in which:
2884 unique CDR3
13 unique J



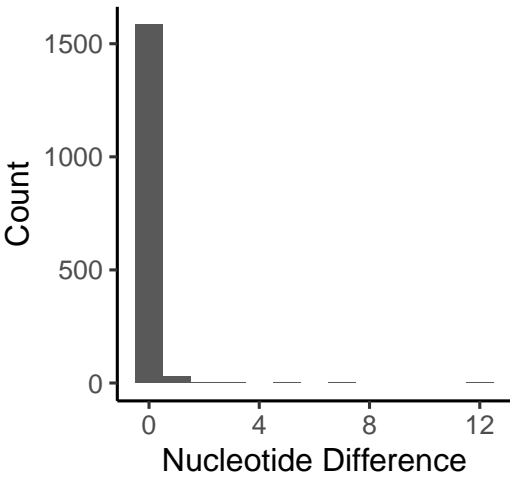
TRBV5-5*ap01

2304 sequences assigned
2285 (99.2%) exact matches, in which:
2251 unique CDR3
13 unique J



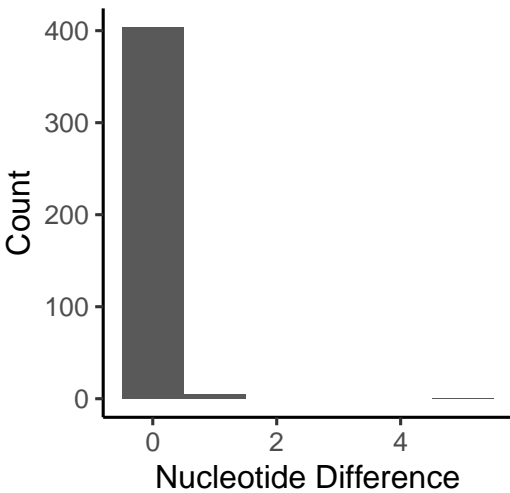
TRBV5-8*ap01

1620 sequences assigned
1584 (97.8%) exact matches, in which:
1537 unique CDR3
13 unique J



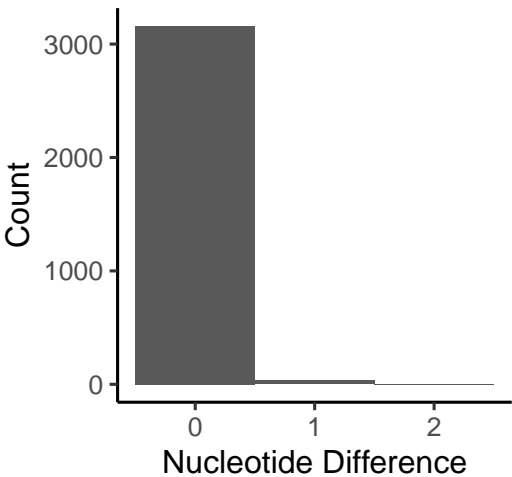
TRBV6-7*ap01

410 sequences assigned
404 (98.5%) exact matches, in which:
392 unique CDR3
13 unique J



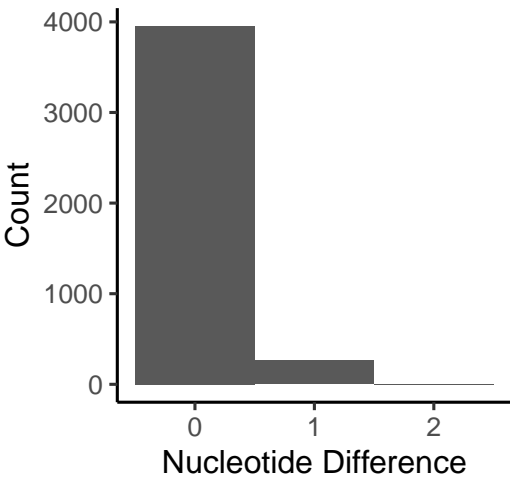
TRBV5-6*ap01

3195 sequences assigned
3159 (98.9%) exact matches, in which:
3090 unique CDR3
13 unique J



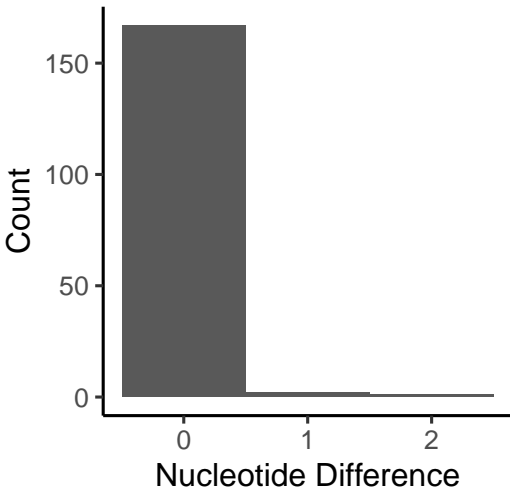
TRBV6-1*ap01

4222 sequences assigned
3954 (93.7%) exact matches, in which:
3880 unique CDR3
13 unique J



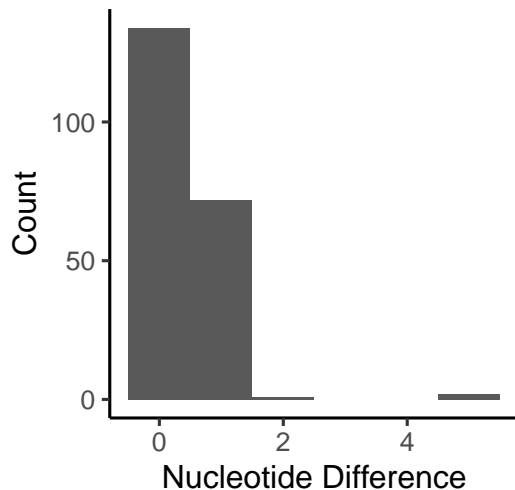
TRBV6-8*ap01

170 sequences assigned
167 (98.2%) exact matches, in which:
163 unique CDR3
12 unique J



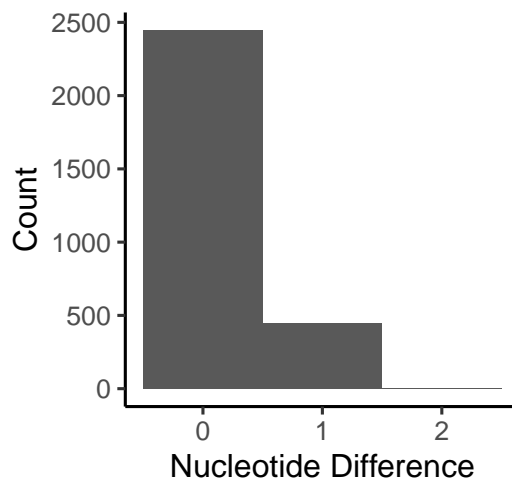
TRBV6–9*ap01

209 sequences assigned
134 (64.1%) exact matches, in which:
131 unique CDR3
13 unique J



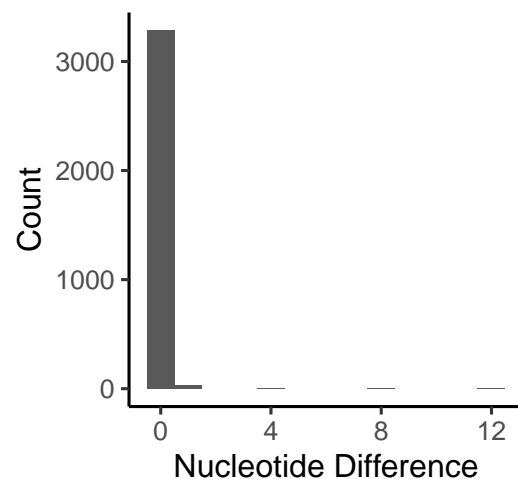
TRBV6–56*ap02

2896 sequences assigned
2445 (84.4%) exact matches, in which:
2376 unique CDR3
13 unique J



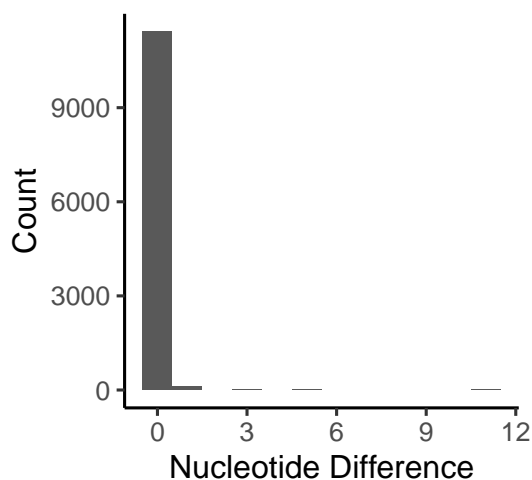
TRBV7–3*ap01

3319 sequences assigned
3285 (99%) exact matches, in which:
3220 unique CDR3
13 unique J



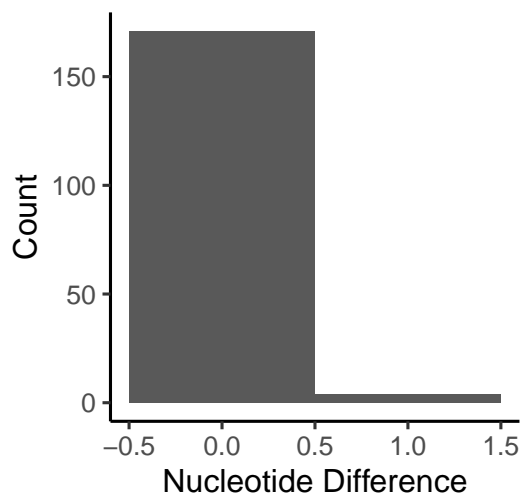
TRBV6–23*ap01

11524 sequences assigned
11421 (99.1%) exact matches, in which:
11141 unique CDR3
13 unique J



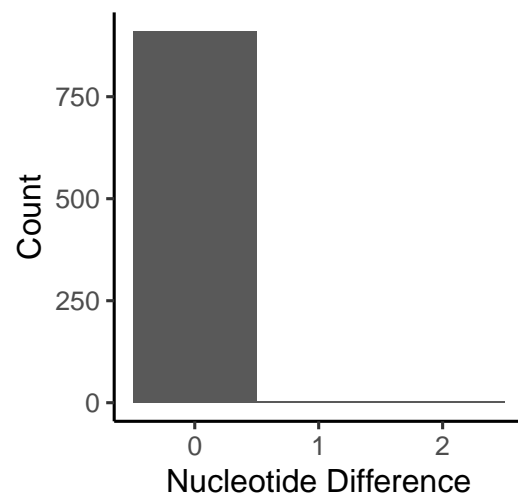
TRBV7–1*ap01_G291C_

175 sequences assigned
171 (97.7%) exact matches, in which:
159 unique CDR3
13 unique J



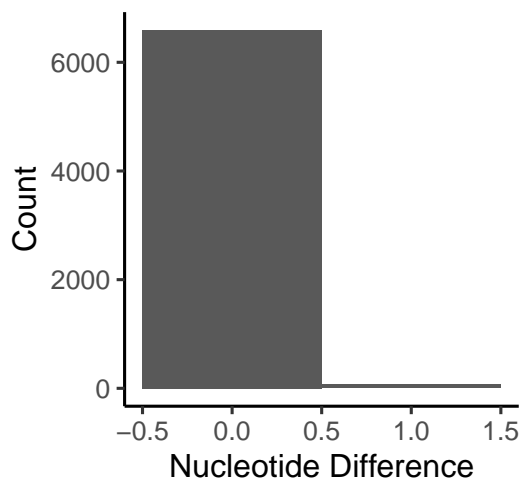
TRBV7–3*ap02

918 sequences assigned
911 (99.2%) exact matches, in which:
885 unique CDR3
12 unique J



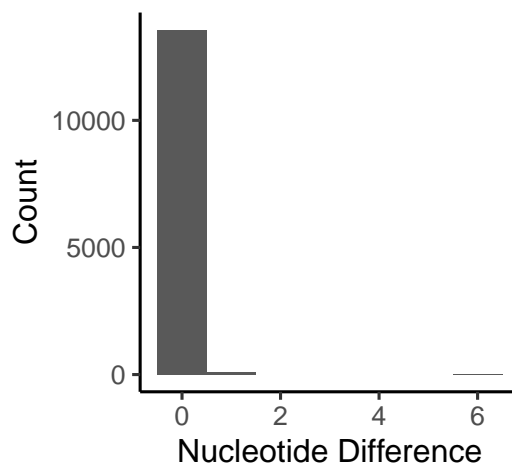
TRBV6–56*ap01

6667 sequences assigned
6594 (98.9%) exact matches, in which:
6440 unique CDR3
13 unique J



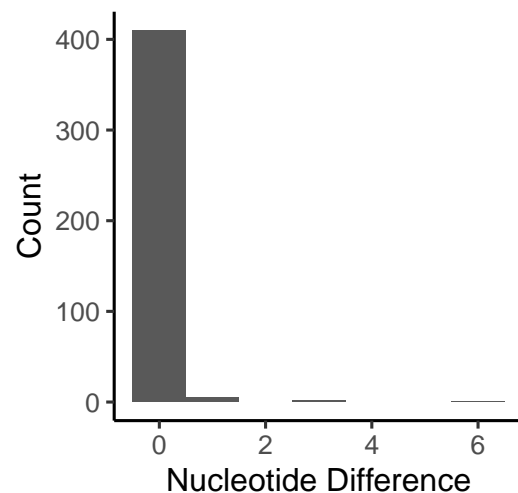
TRBV7–2*ap01

13667 sequences assigned
13562 (99.2%) exact matches, in which:
13270 unique CDR3
13 unique J



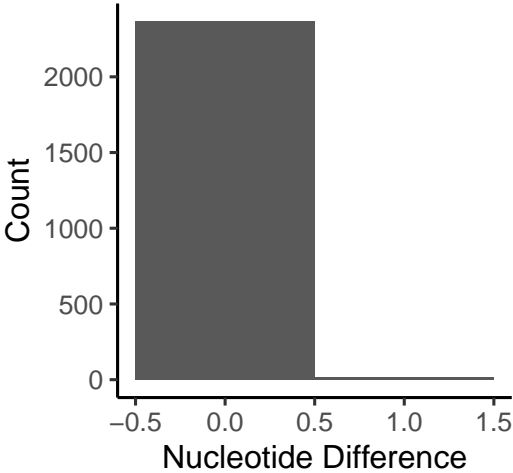
TRBV7–4*ap01

418 sequences assigned
410 (98.1%) exact matches, in which:
405 unique CDR3
13 unique J



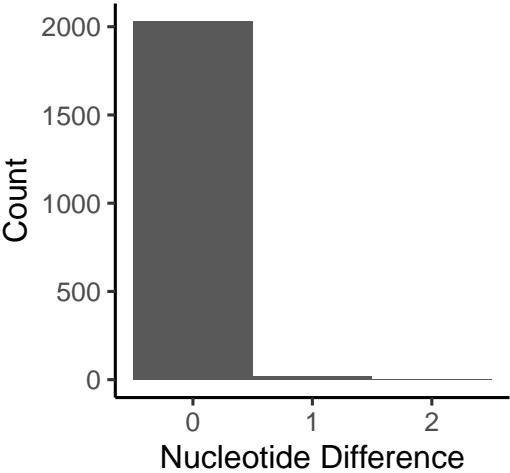
TRBV7-6*ap01

2385 sequences assigned
2366 (99.2%) exact matches, in which:
2302 unique CDR3
13 unique J



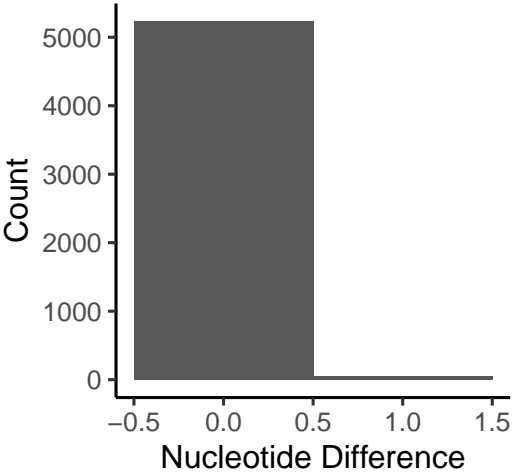
TRBV7-8*ap01

2052 sequences assigned
2030 (98.9%) exact matches, in which:
1978 unique CDR3
13 unique J



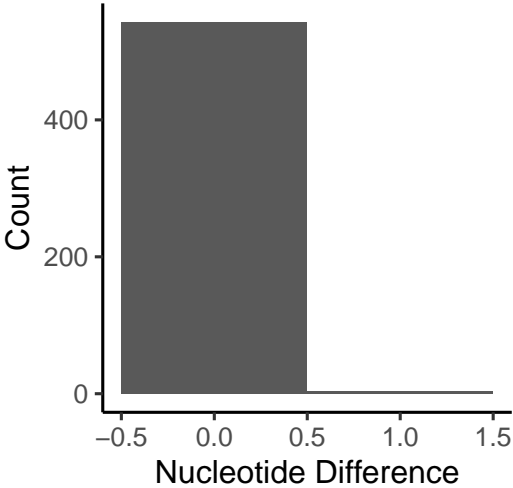
TRBV29-1*ap01

5288 sequences assigned
5231 (98.9%) exact matches, in which:
5131 unique CDR3
13 unique J



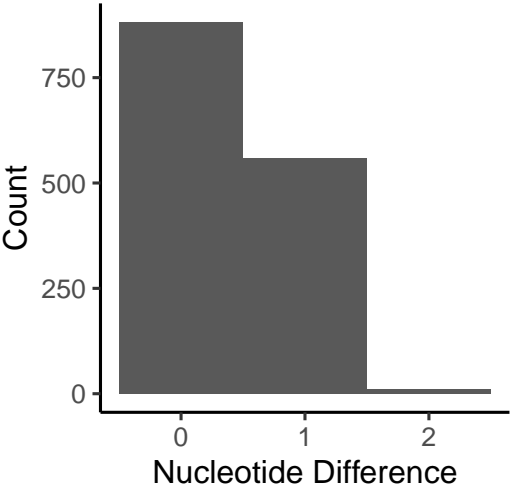
TRBV7-7*ap01

547 sequences assigned
543 (99.3%) exact matches, in which:
529 unique CDR3
13 unique J



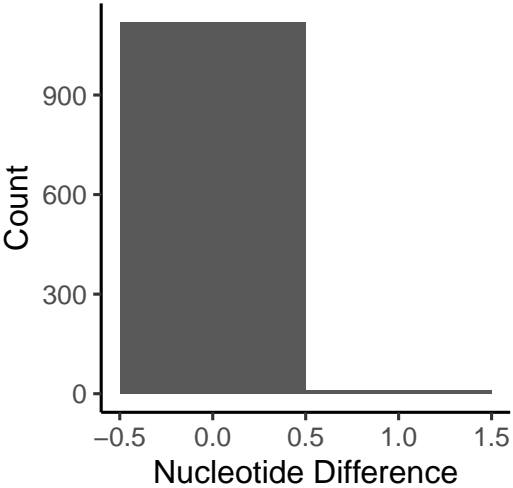
TRBV7-8*ap03

1450 sequences assigned
882 (60.8%) exact matches, in which:
850 unique CDR3
13 unique J



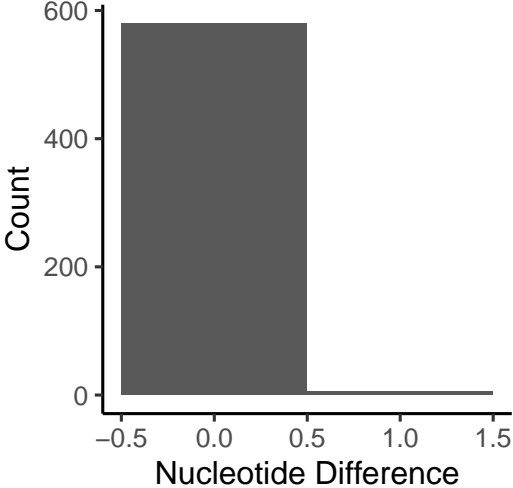
TRBV29-1*ap02

1131 sequences assigned
1120 (99%) exact matches, in which:
1092 unique CDR3
13 unique J



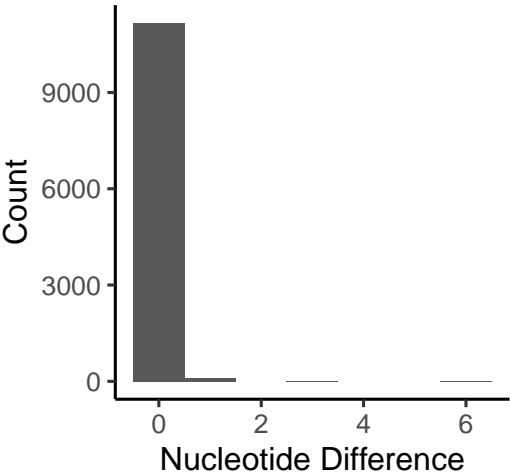
TRBV7-7*ap01_C315T

585 sequences assigned
580 (99.1%) exact matches, in which:
563 unique CDR3
13 unique J

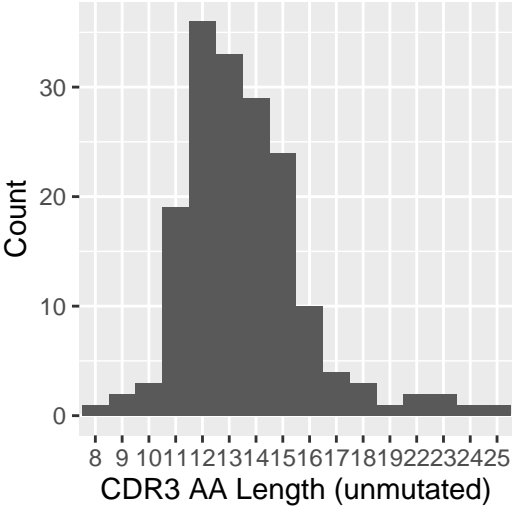


TRBV7-9*ap01

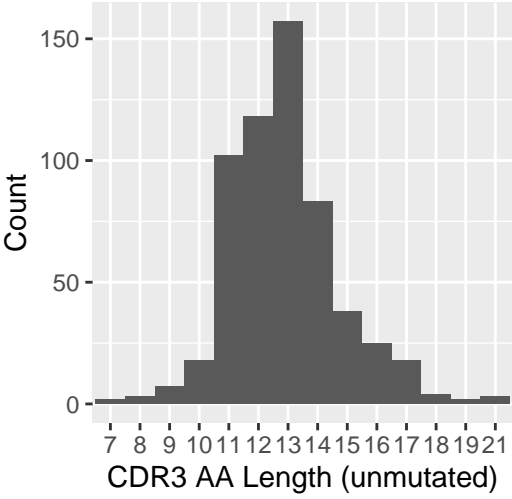
11260 sequences assigned
11164 (99.1%) exact matches, in which:
10967 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.