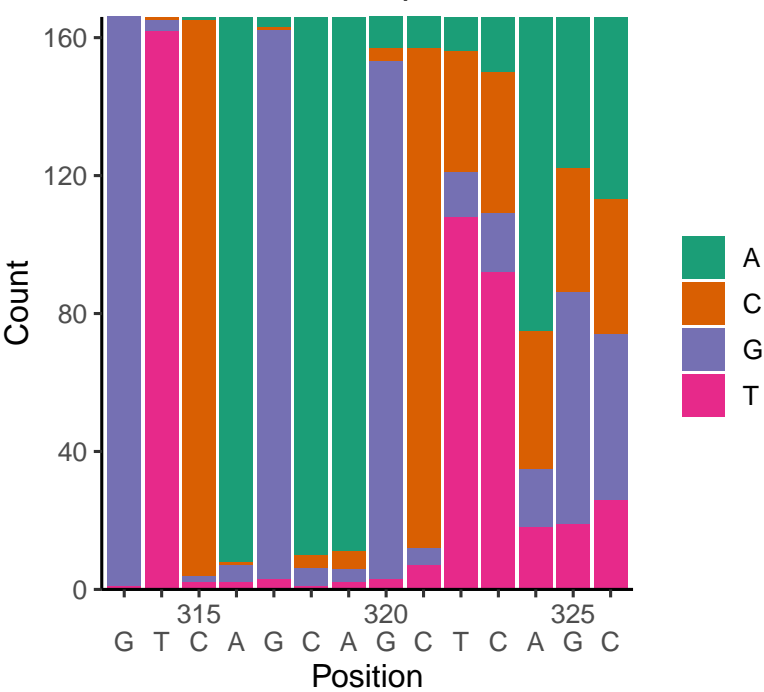


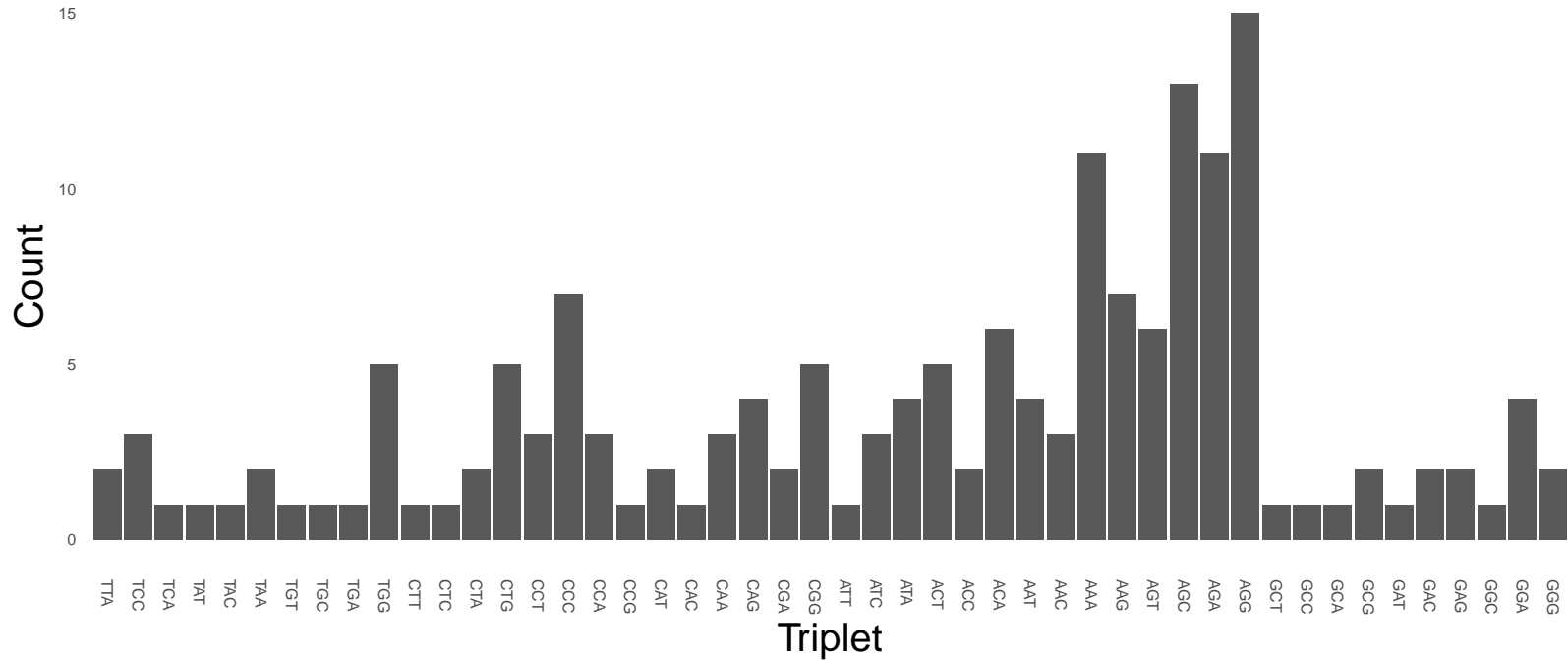
Gene TRBV7-1*ap01_T296C_C314T



Gene TRBV7-1*ap01_T296C_C314T

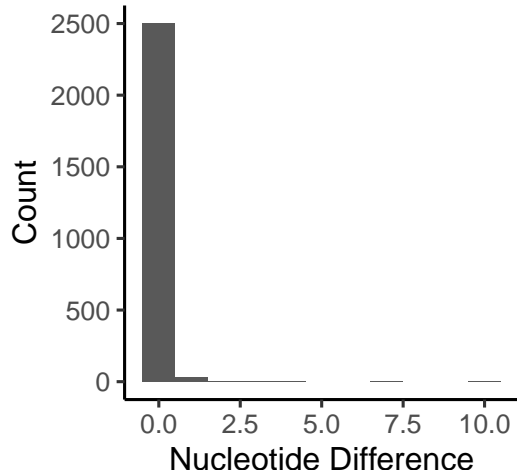


TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet



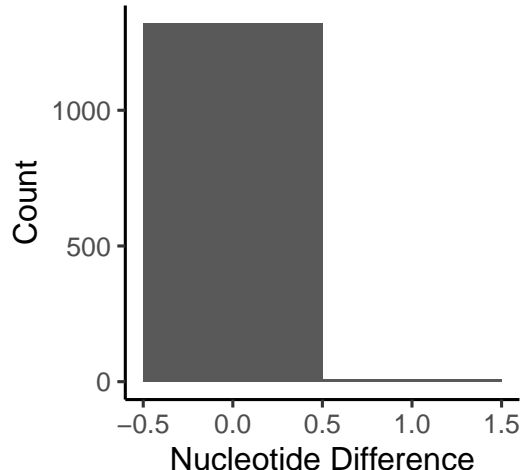
TRBV10-1*ap01

2540 sequences assigned
2501 (98.5%) exact matches, in which:
2454 unique CDR3
13 unique J



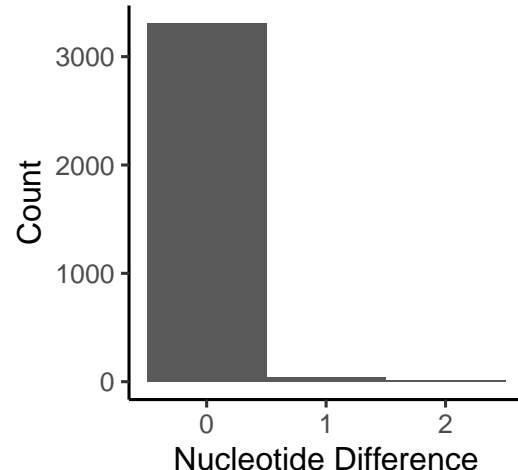
TRBV10-2*ap01

1329 sequences assigned
1320 (99.3%) exact matches, in which:
1294 unique CDR3
13 unique J



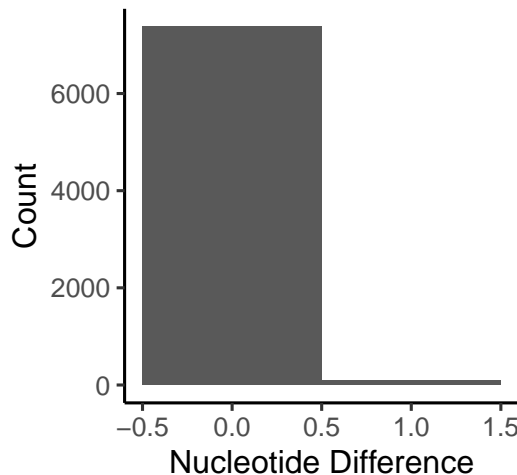
TRBV13*ap01

3369 sequences assigned
3307 (98.2%) exact matches, in which:
3223 unique CDR3
13 unique J



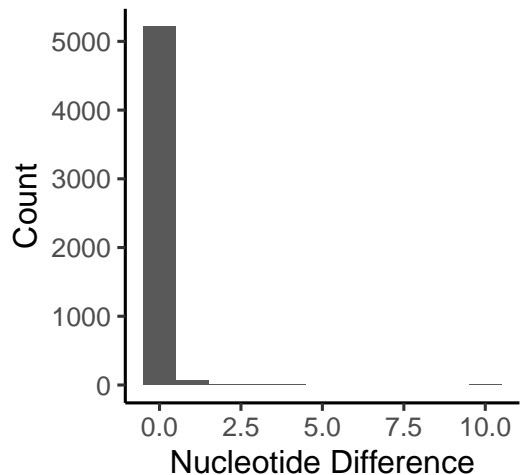
TRBV20-1*ap01

7464 sequences assigned
7375 (98.8%) exact matches, in which:
7249 unique CDR3
13 unique J



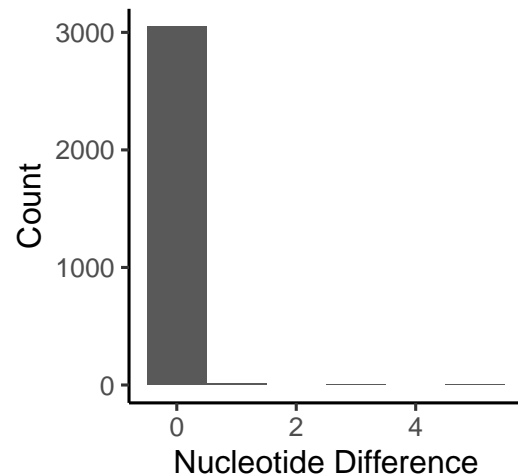
TRBV10-3*ap01

5286 sequences assigned
5213 (98.6%) exact matches, in which:
5113 unique CDR3
13 unique J



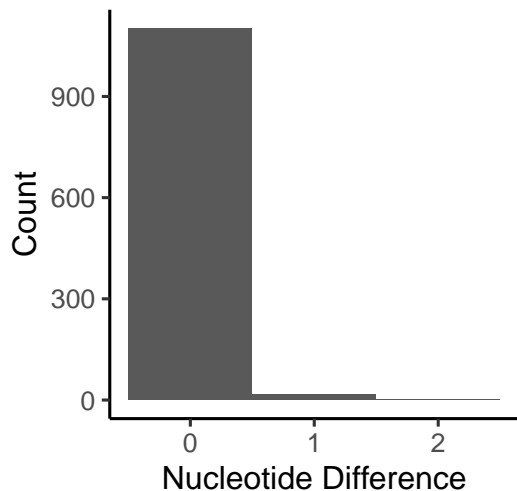
TRBV14*ap01

3067 sequences assigned
3048 (99.4%) exact matches, in which:
3006 unique CDR3
13 unique J



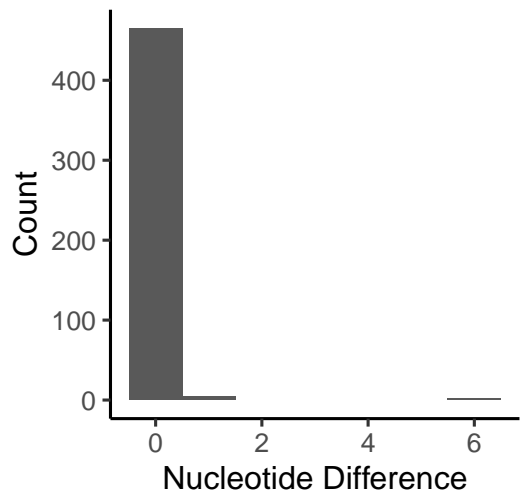
TRBV20-1*ap02

1119 sequences assigned
1102 (98.5%) exact matches, in which:
1083 unique CDR3
13 unique J



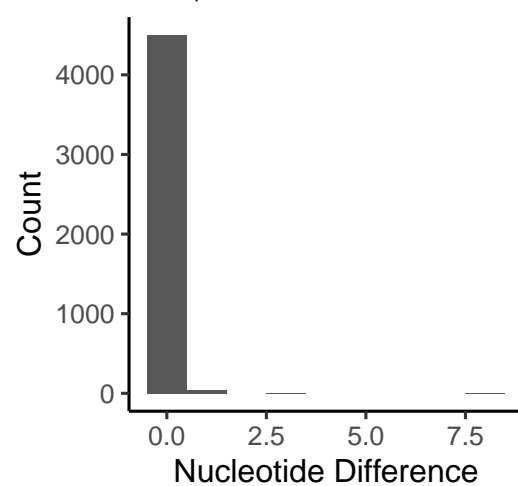
TRBV1*ap01

472 sequences assigned
465 (98.5%) exact matches, in which:
450 unique CDR3
13 unique J



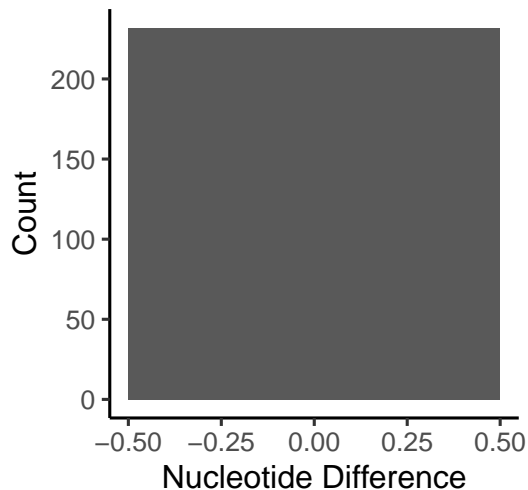
TRBV15*ap02

4541 sequences assigned
4500 (99.1%) exact matches, in which:
4407 unique CDR3
13 unique J



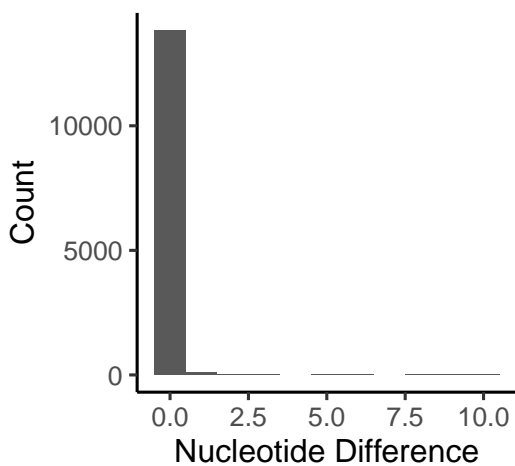
TRBV16*ap01

232 sequences assigned
232 (100%) exact matches, in which:
229 unique CDR3
13 unique J



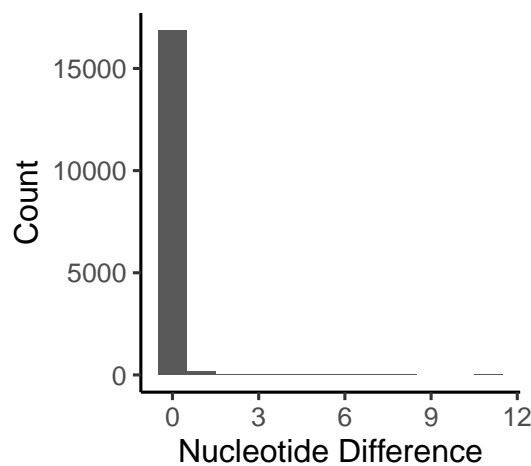
TRBV19*ap01

13957 sequences assigned
13839 (99.2%) exact matches, in which:
13731 unique CDR3
13 unique J



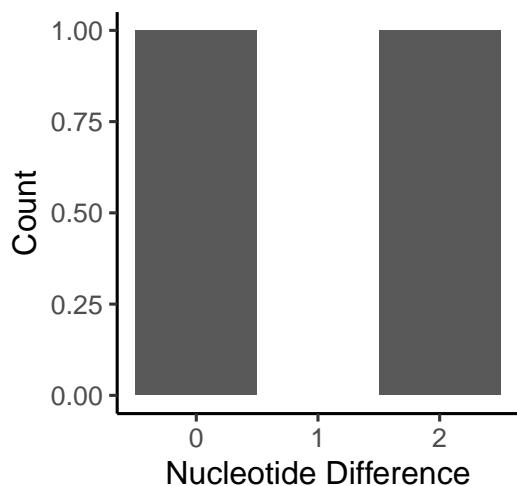
TRBV27*ap01

17090 sequences assigned
16874 (98.7%) exact matches, in which:
16452 unique CDR3
13 unique J



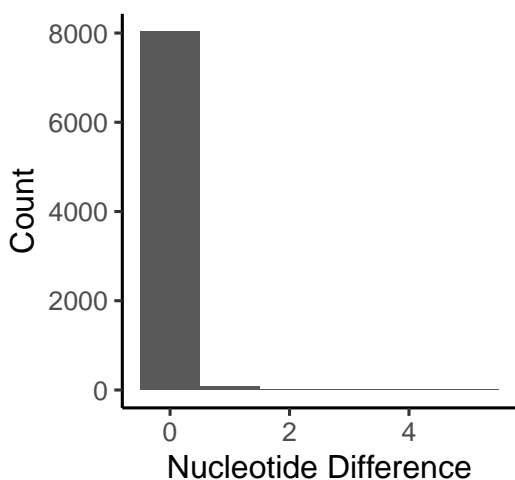
TRBV17*ap01

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



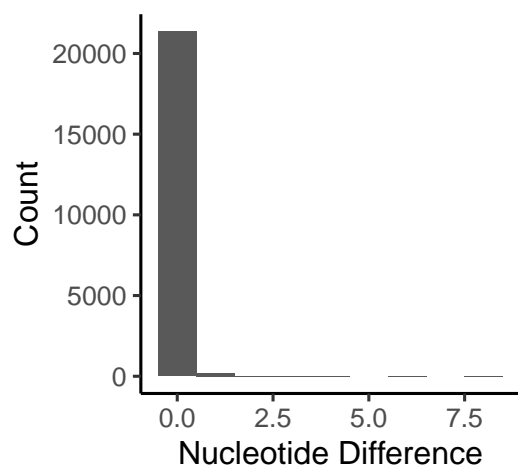
TRBV2*ap01

8122 sequences assigned
8029 (98.9%) exact matches, in which:
7844 unique CDR3
13 unique J



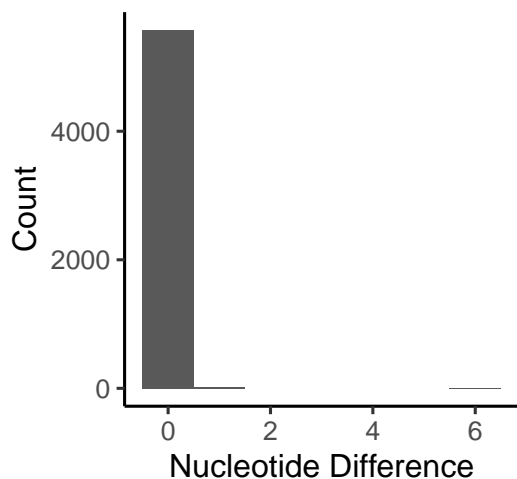
TRBV28*ap01

21561 sequences assigned
21364 (99.1%) exact matches, in which:
21056 unique CDR3
13 unique J



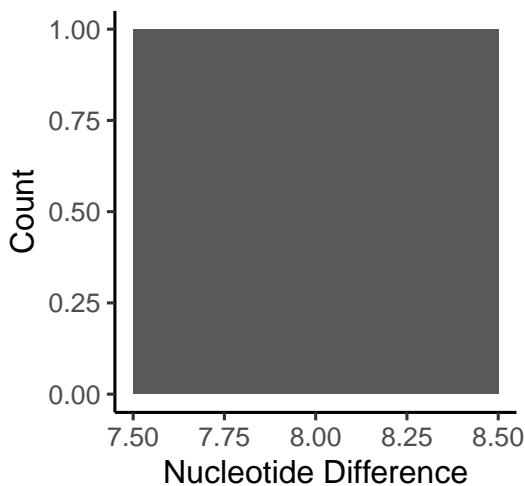
TRBV18*ap01

5599 sequences assigned
5575 (99.6%) exact matches, in which:
5544 unique CDR3
13 unique J



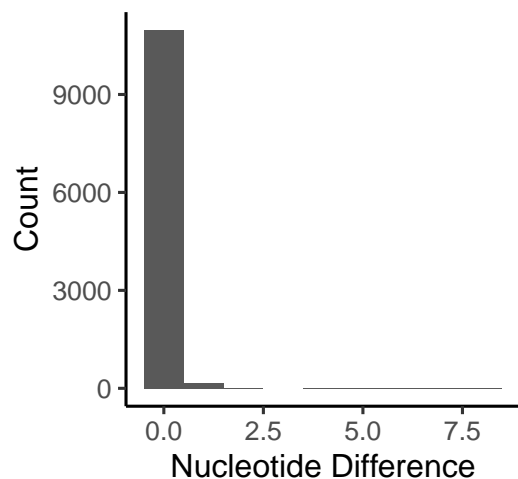
TRBV26*ap01

1 sequences assigned
No exact matches.



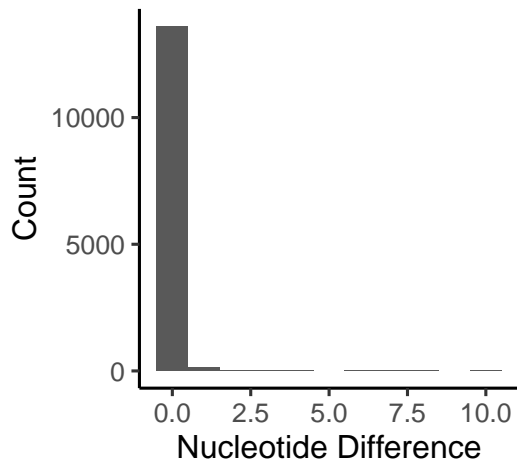
TRBV30*ap01

11143 sequences assigned
10973 (98.5%) exact matches, in which:
10773 unique CDR3
13 unique J



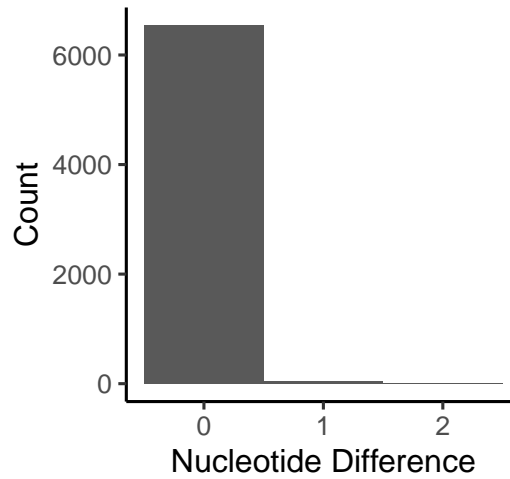
TRBV9*ap01

13761 sequences assigned
13609 (98.9%) exact matches, in which:
13408 unique CDR3
13 unique J



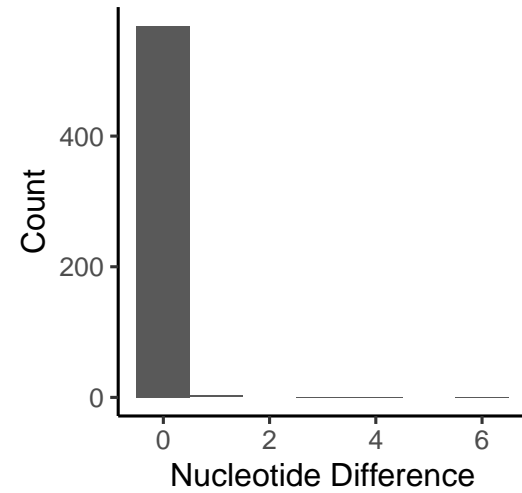
TRBV11-2*ap01

6581 sequences assigned
6540 (99.4%) exact matches, in which:
6460 unique CDR3
13 unique J



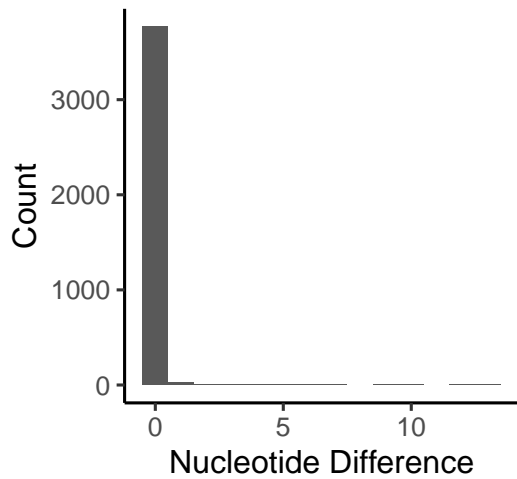
TRBV12-2*ap01

575 sequences assigned
569 (99%) exact matches, in which:
564 unique CDR3
13 unique J



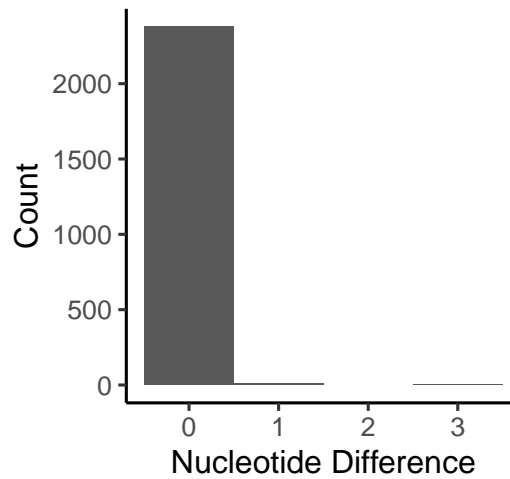
TRBV21-1*ap01

3831 sequences assigned
3767 (98.3%) exact matches, in which:
3734 unique CDR3
13 unique J



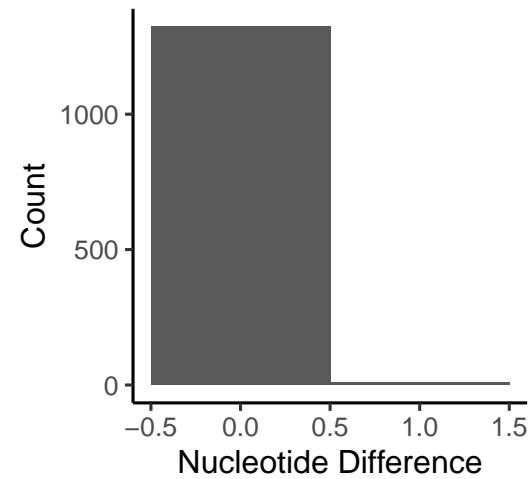
TRBV11-3*ap01

2391 sequences assigned
2378 (99.5%) exact matches, in which:
2356 unique CDR3
13 unique J



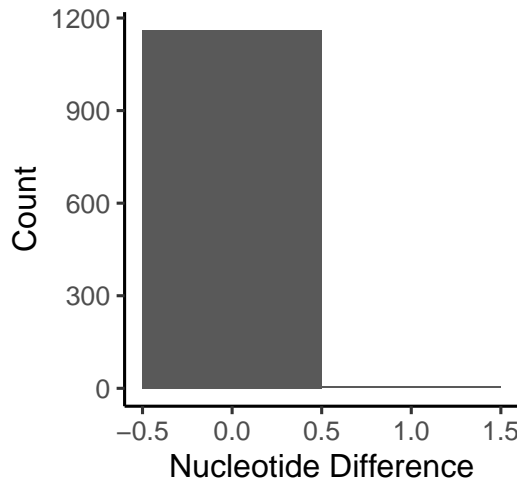
TRBV12-5*ap01

1333 sequences assigned
1323 (99.2%) exact matches, in which:
1294 unique CDR3
13 unique J



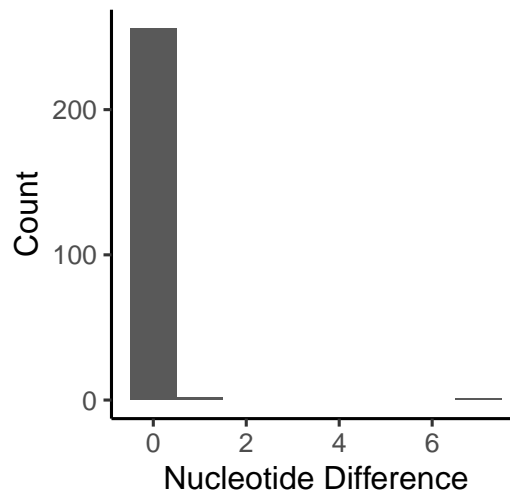
TRBV11-1*ap01

1167 sequences assigned
1161 (99.5%) exact matches, in which:
1151 unique CDR3
13 unique J



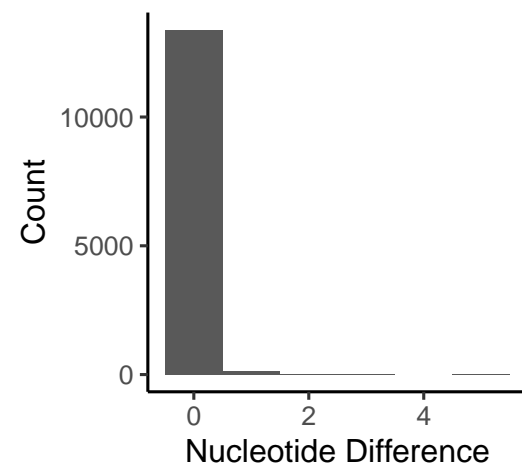
TRBV12-1*ap01

259 sequences assigned
256 (98.8%) exact matches, in which:
253 unique CDR3
13 unique J



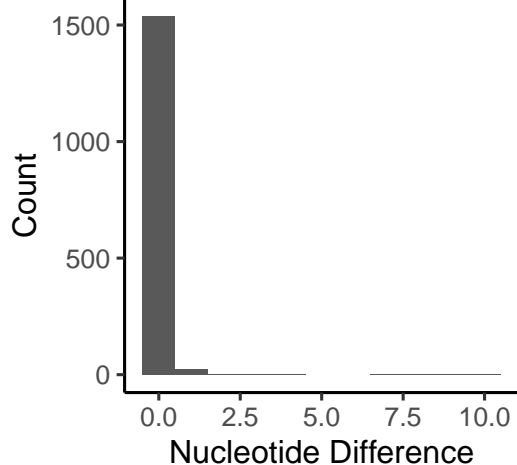
TRBV12-34*ap01

13527 sequences assigned
13387 (99%) exact matches, in which:
13149 unique CDR3
13 unique J



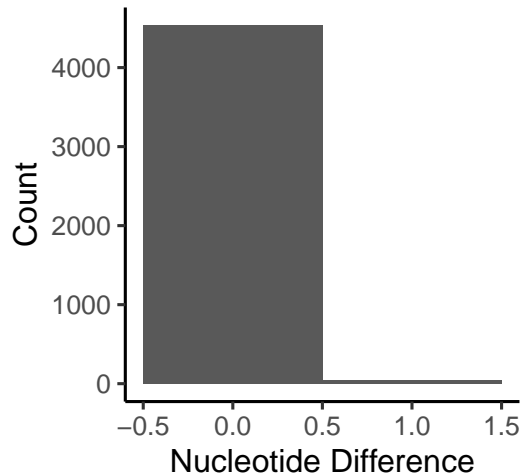
TRBV23-1*ap01

1572 sequences assigned
1537 (97.8%) exact matches, in which:
1520 unique CDR3
13 unique J



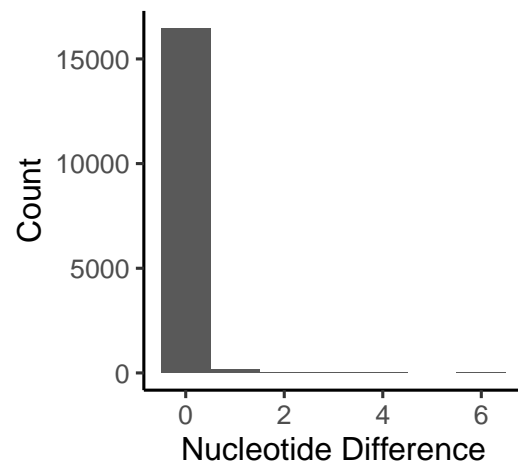
TRBV4-1*ap01

4581 sequences assigned
4534 (99%) exact matches, in which:
4434 unique CDR3
13 unique J



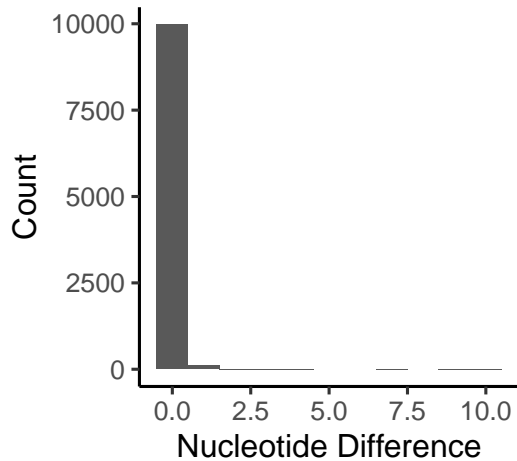
TRBV5-1*ap01

16643 sequences assigned
16470 (99%) exact matches, in which:
16073 unique CDR3
13 unique J



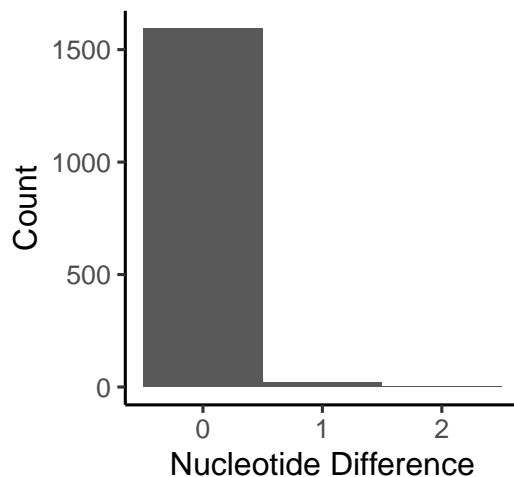
TRBV3-12*ap01

10099 sequences assigned
9979 (98.8%) exact matches, in which:
9790 unique CDR3
13 unique J



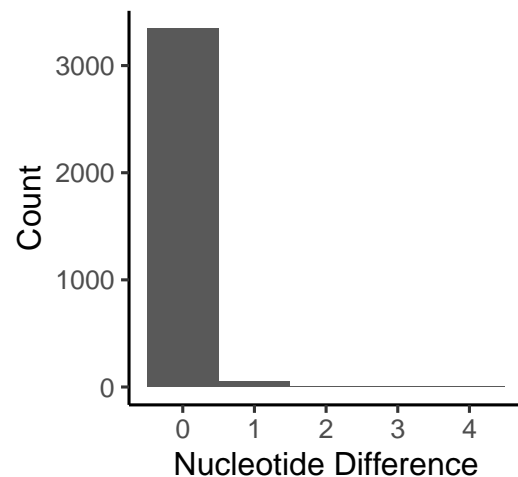
TRBV4-2*ap01

1615 sequences assigned
1593 (98.6%) exact matches, in which:
1557 unique CDR3
13 unique J



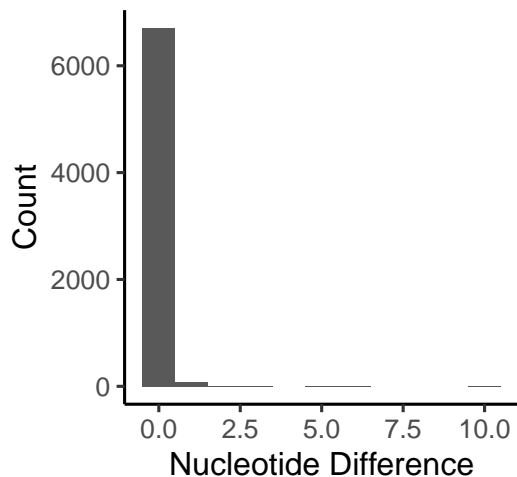
TRBV25-1*ap01

3397 sequences assigned
3344 (98.4%) exact matches, in which:
3271 unique CDR3
13 unique J



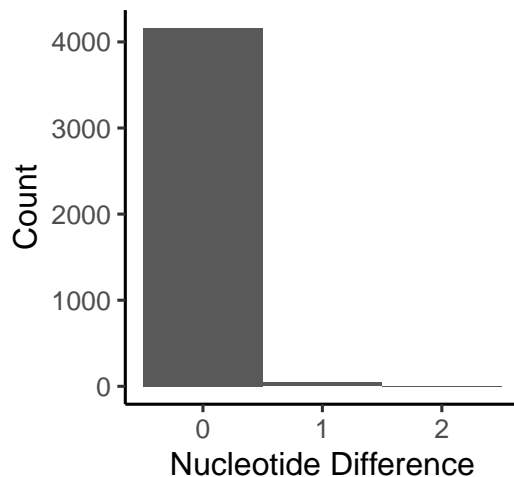
TRBV24-1*ap01

6804 sequences assigned
6706 (98.6%) exact matches, in which:
6589 unique CDR3
13 unique J



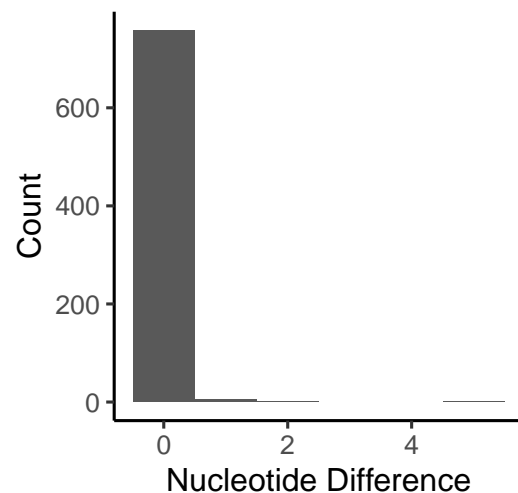
TRBV4-3*ap01

4207 sequences assigned
4161 (98.9%) exact matches, in which:
4095 unique CDR3
13 unique J



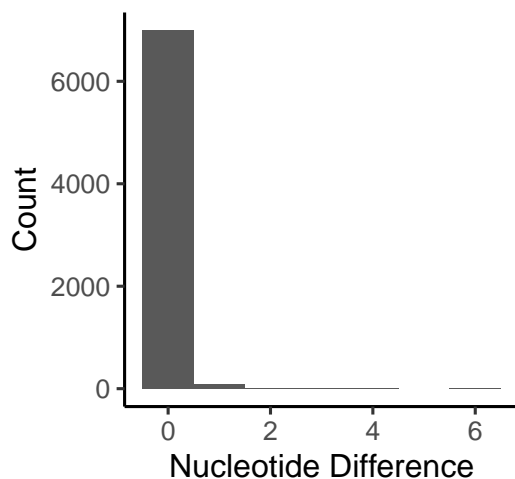
TRBV5-3*ap01

767 sequences assigned
758 (98.8%) exact matches, in which:
745 unique CDR3
13 unique J



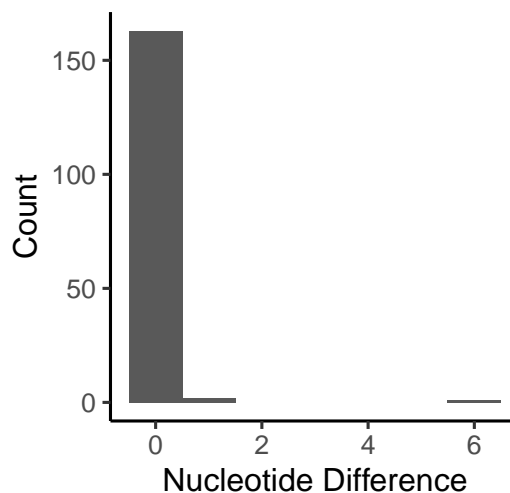
TRBV5-4*ap01

7091 sequences assigned
6994 (98.6%) exact matches, in which:
6838 unique CDR3
13 unique J



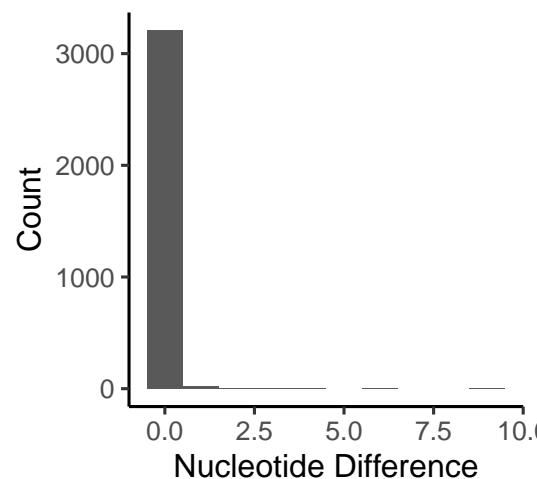
TRBV5-7*ap01

166 sequences assigned
163 (98.2%) exact matches, in which:
160 unique CDR3
13 unique J



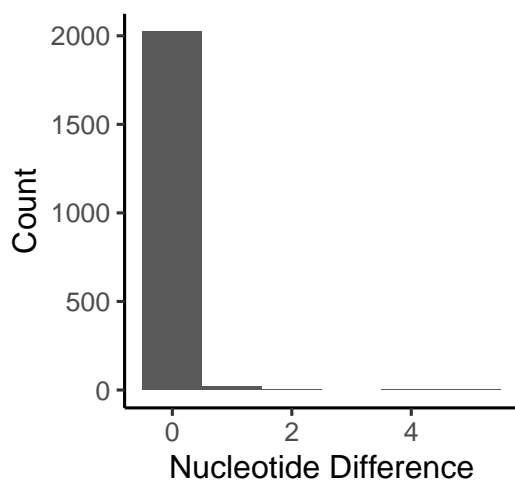
TRBV6-4*ap01

3234 sequences assigned
3208 (99.2%) exact matches, in which:
3170 unique CDR3
13 unique J



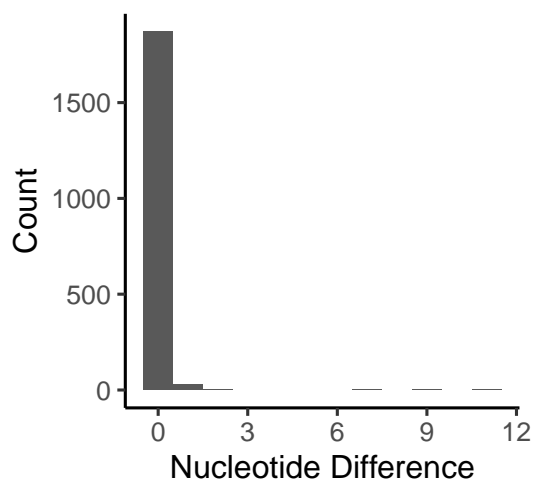
TRBV5-5*ap01

2048 sequences assigned
2023 (98.8%) exact matches, in which:
2004 unique CDR3
13 unique J



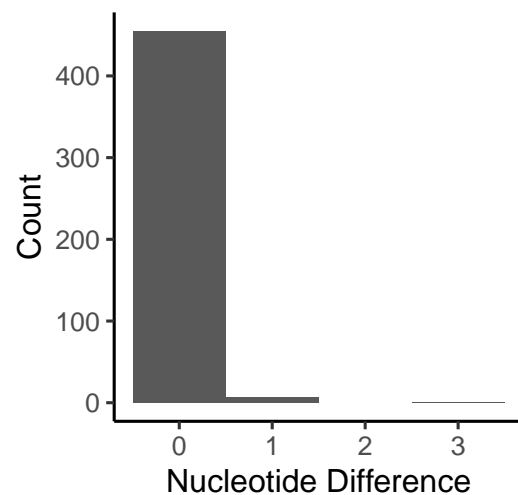
TRBV5-8*ap01

1905 sequences assigned
1870 (98.2%) exact matches, in which:
1834 unique CDR3
13 unique J



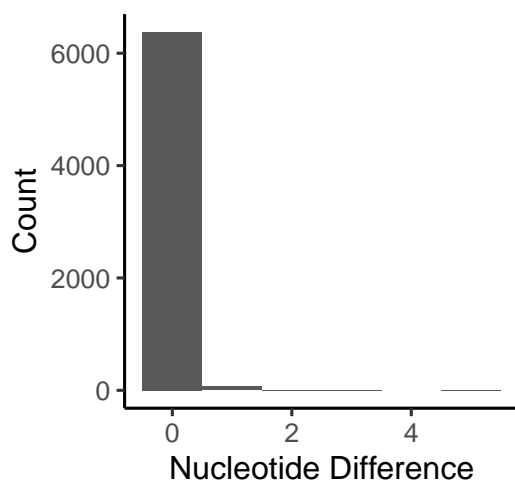
TRBV6-7*ap01

463 sequences assigned
455 (98.3%) exact matches, in which:
447 unique CDR3
13 unique J



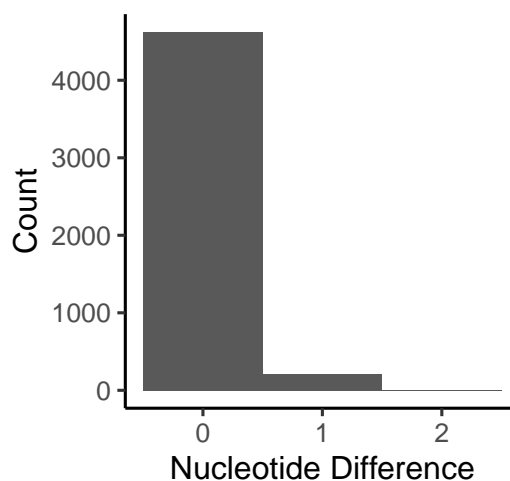
TRBV5-6*ap01

6450 sequences assigned
6377 (98.9%) exact matches, in which:
6184 unique CDR3
13 unique J



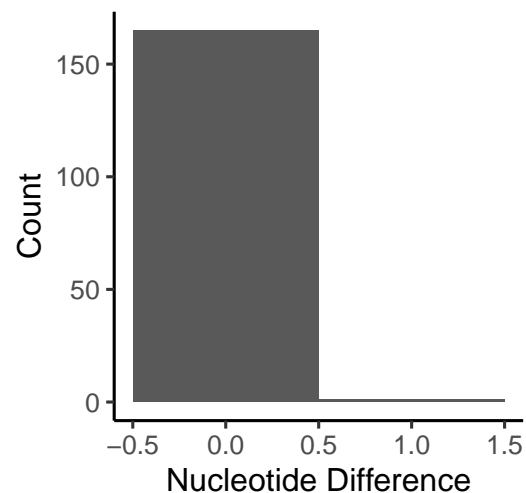
TRBV6-1*ap01

4832 sequences assigned
4622 (95.7%) exact matches, in which:
4490 unique CDR3
13 unique J



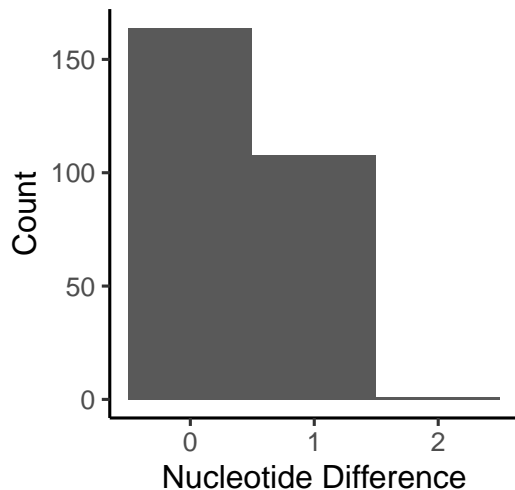
TRBV6-8*ap01

166 sequences assigned
165 (99.4%) exact matches, in which:
160 unique CDR3
13 unique J



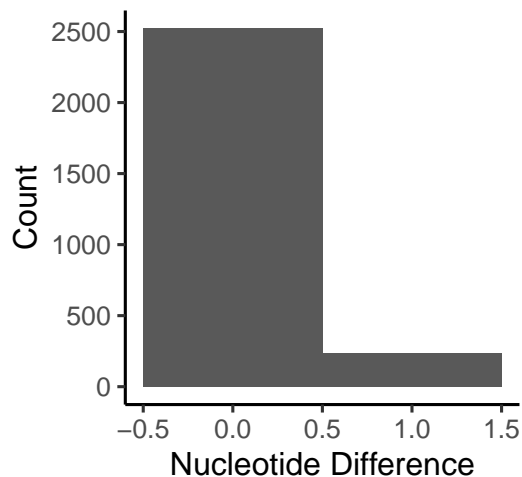
TRBV6–9*ap01

273 sequences assigned
164 (60.1%) exact matches, in which:
163 unique CDR3
13 unique J



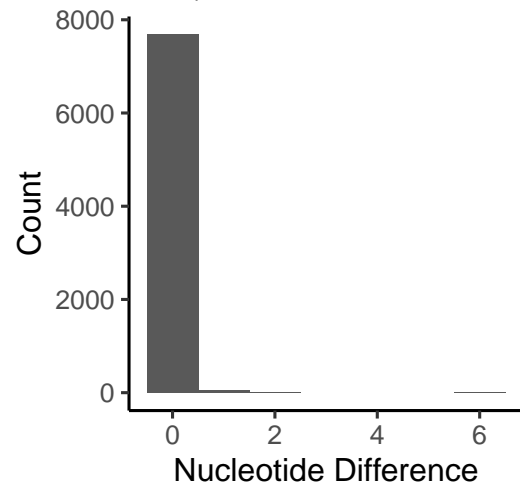
TRBV6–56*ap02

2759 sequences assigned
2522 (91.4%) exact matches, in which:
2472 unique CDR3
13 unique J



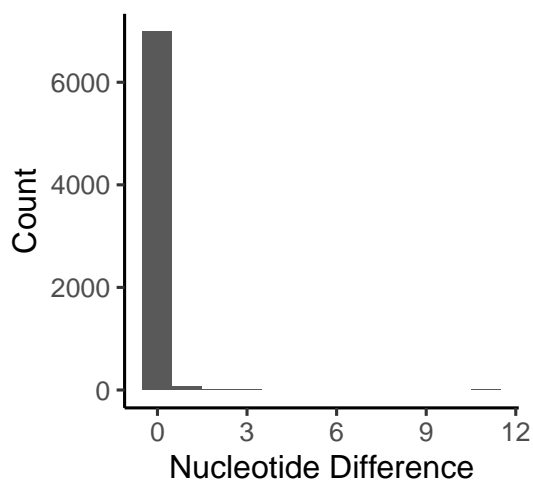
TRBV7–2*ap01

7743 sequences assigned
7686 (99.3%) exact matches, in which:
7602 unique CDR3
13 unique J



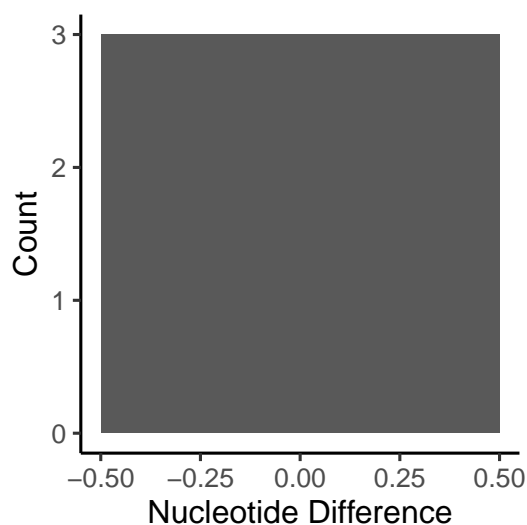
TRBV6–23*ap01

7075 sequences assigned
6985 (98.7%) exact matches, in which:
6829 unique CDR3
13 unique J



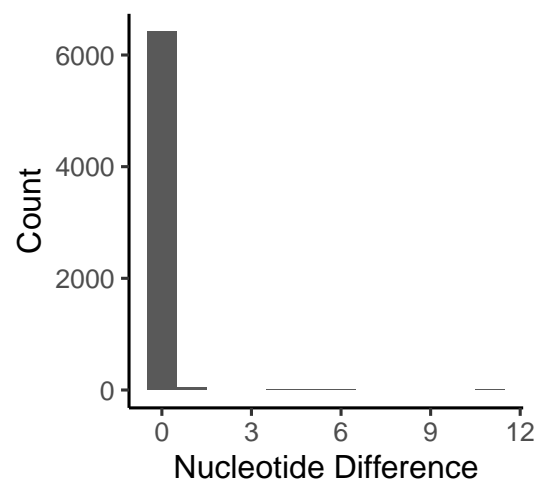
TRBV7–1*ap01

3 sequences assigned
3 (100%) exact matches, in which:
3 unique CDR3
3 unique J



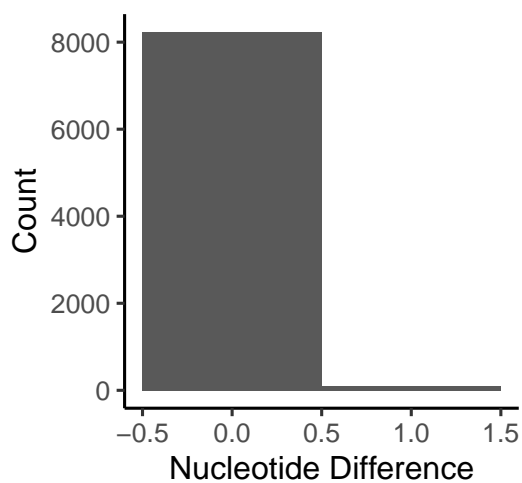
TRBV7–3*ap01

6469 sequences assigned
6417 (99.2%) exact matches, in which:
6348 unique CDR3
13 unique J



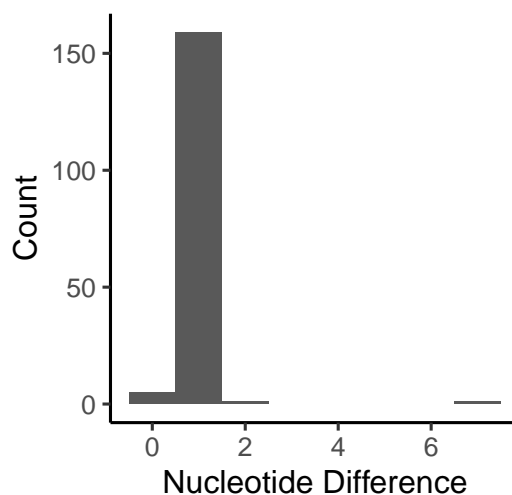
TRBV6–56*ap01

8338 sequences assigned
8232 (98.7%) exact matches, in which:
8023 unique CDR3
13 unique J



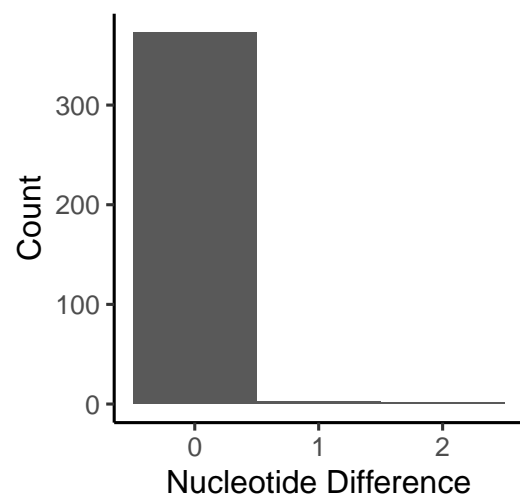
TRBV7–1*ap01_T296C_()

166 sequences assigned
5 (3%) exact matches, in which:
5 unique CDR3
5 unique J



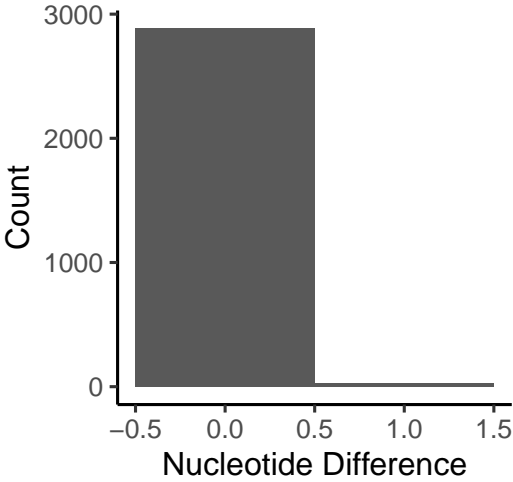
TRBV7–4*ap01

378 sequences assigned
373 (98.7%) exact matches, in which:
368 unique CDR3
13 unique J



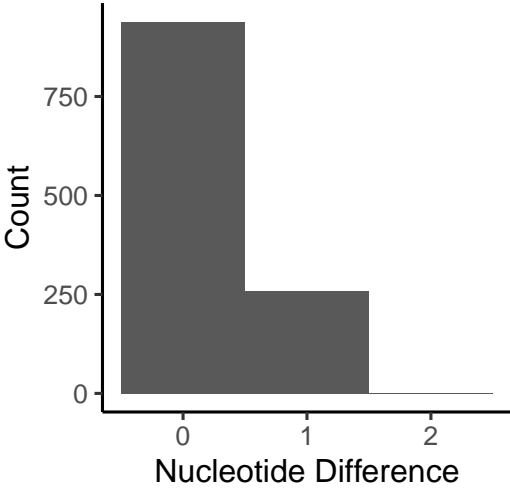
TRBV7-6*ap01

2915 sequences assigned
2885 (99%) exact matches, in which:
2826 unique CDR3
13 unique J



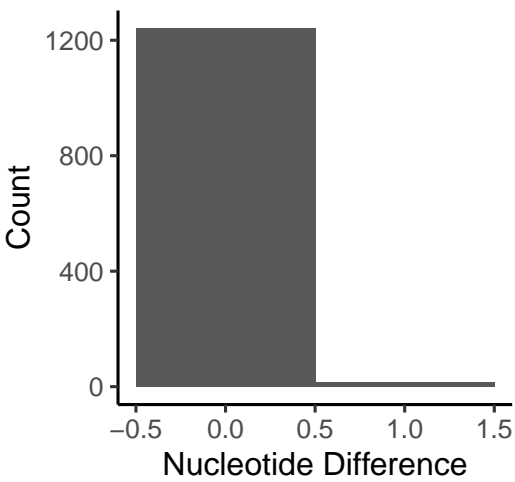
TRBV7-8*ap03

1200 sequences assigned
939 (78.2%) exact matches, in which:
927 unique CDR3
13 unique J



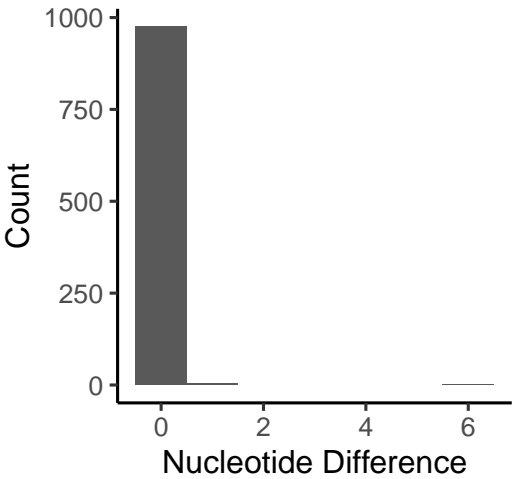
TRBV29-1*ap02

1255 sequences assigned
1241 (98.9%) exact matches, in which:
1214 unique CDR3
13 unique J



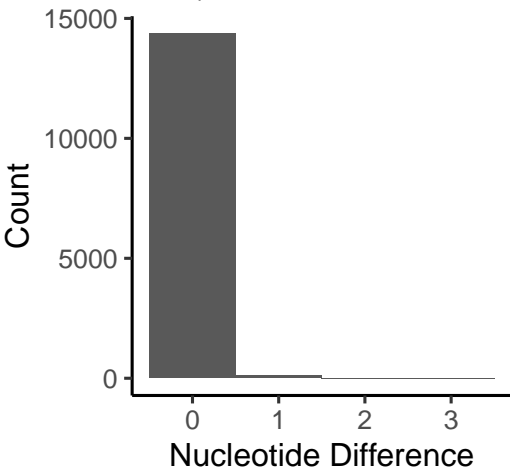
TRBV7-7*ap01

981 sequences assigned
975 (99.4%) exact matches, in which:
961 unique CDR3
13 unique J



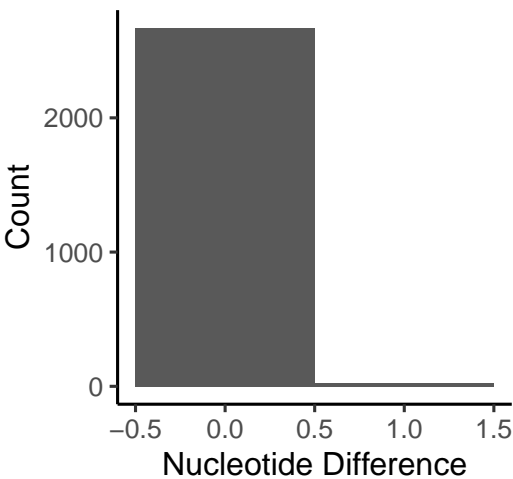
TRBV7-9*ap01

14497 sequences assigned
14372 (99.1%) exact matches, in which:
14185 unique CDR3
13 unique J



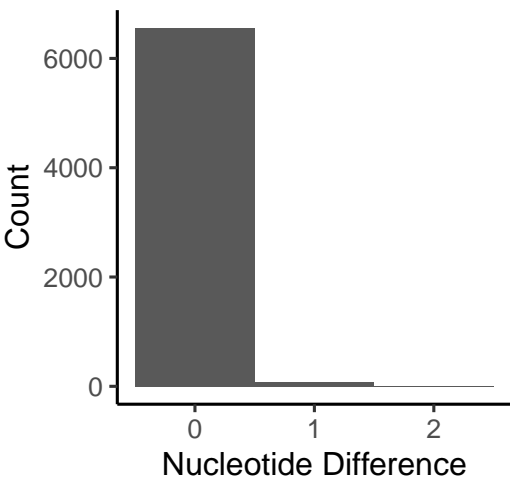
TRBV7-8*ap01

2696 sequences assigned
2669 (99%) exact matches, in which:
2615 unique CDR3
13 unique J



TRBV29-1*ap01

6634 sequences assigned
6556 (98.8%) exact matches, in which:
6399 unique CDR3
13 unique J



TRBV7-1*ap01_T296C_C314T

