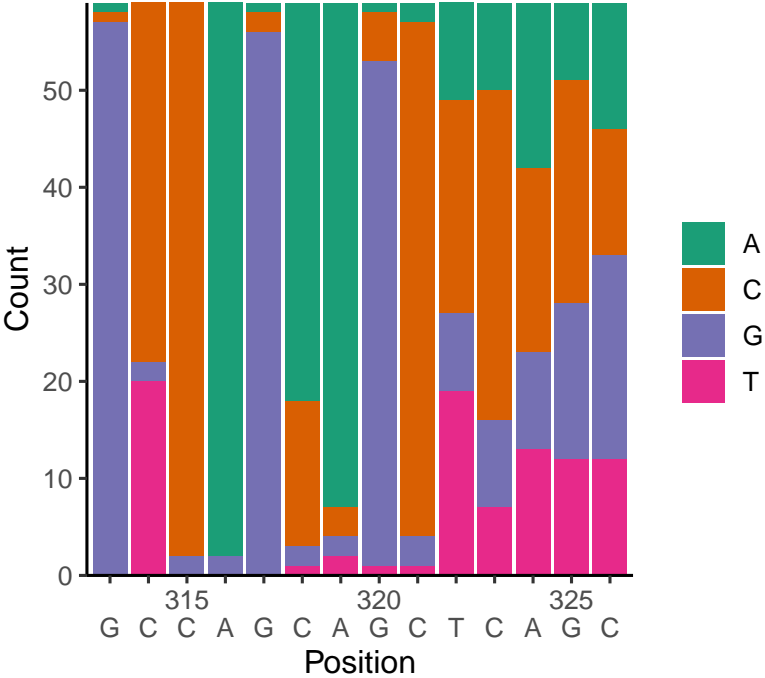


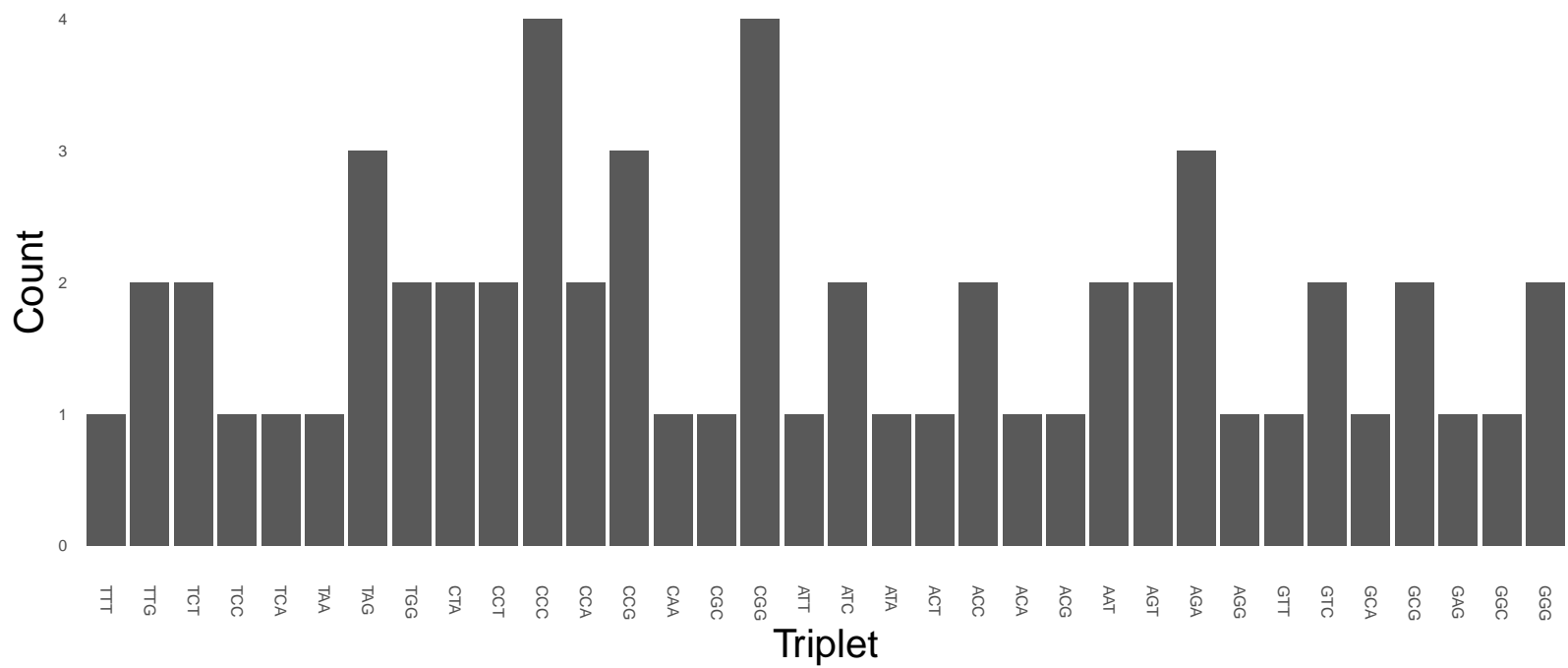
Gene TRBV7-1*ap01_T296C



Gene TRBV7-1*ap01_T296C

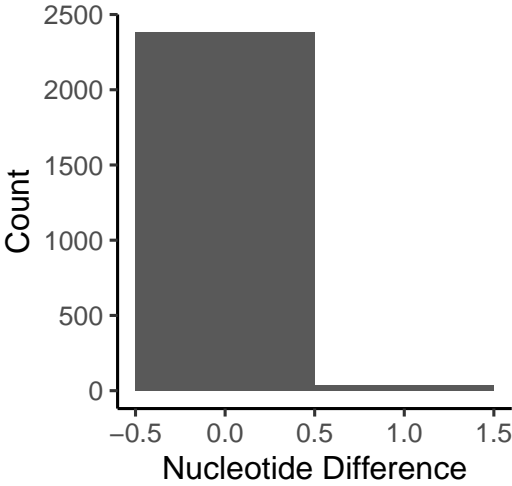


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



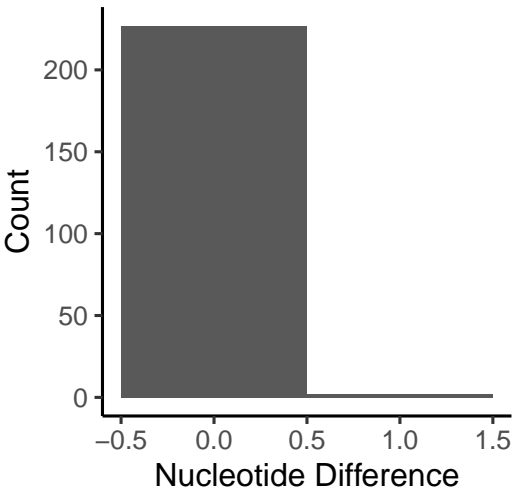
TRBV20-1*ap01

2419 sequences assigned
2381 (98.4%) exact matches, in which:
2338 unique CDR3
13 unique J



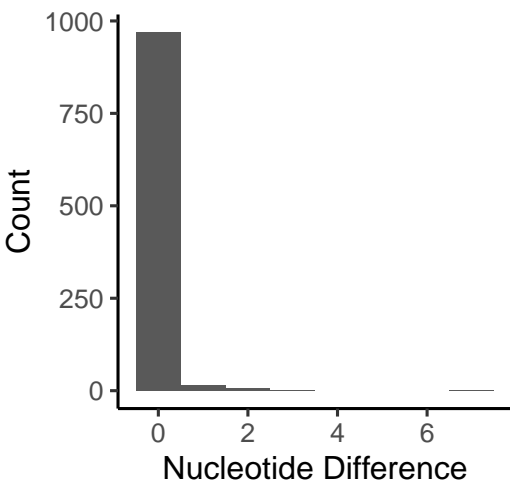
TRBV10-2*ap01

229 sequences assigned
227 (99.1%) exact matches, in which:
223 unique CDR3
13 unique J



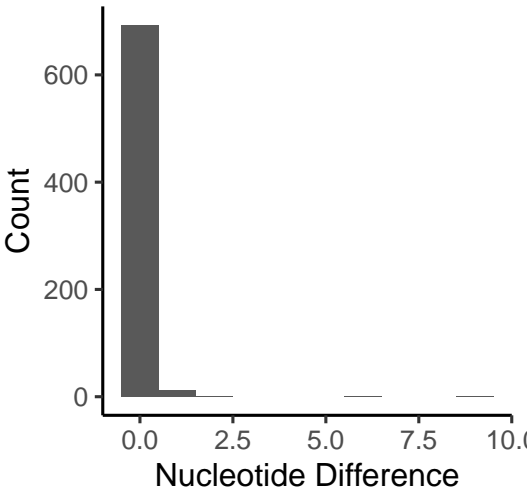
TRBV13*ap01

994 sequences assigned
969 (97.5%) exact matches, in which:
928 unique CDR3
13 unique J



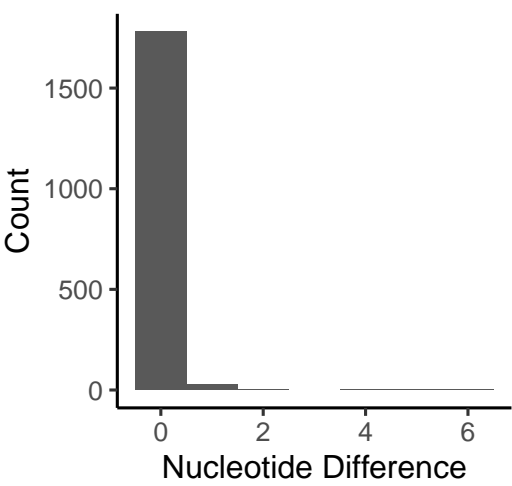
TRBV10-1*ap01

709 sequences assigned
693 (97.7%) exact matches, in which:
670 unique CDR3
13 unique J



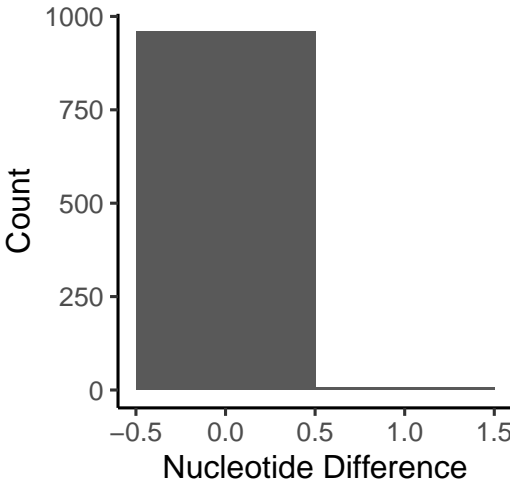
TRBV10-3*ap01

1813 sequences assigned
1780 (98.2%) exact matches, in which:
1727 unique CDR3
13 unique J



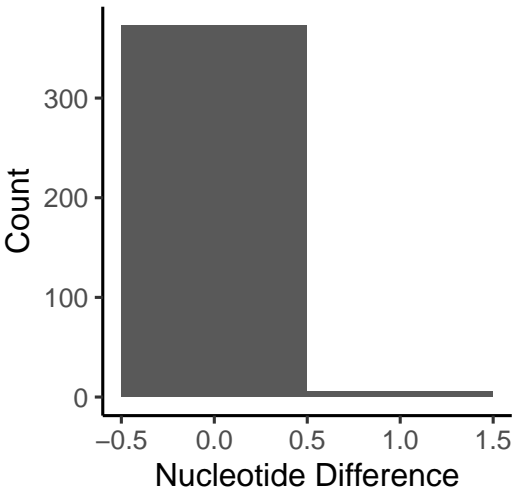
TRBV14*ap01

967 sequences assigned
959 (99.2%) exact matches, in which:
938 unique CDR3
13 unique J



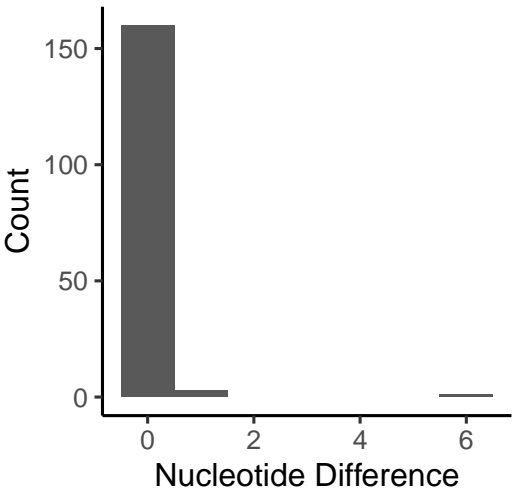
TRBV20-1*ap02

379 sequences assigned
373 (98.4%) exact matches, in which:
364 unique CDR3
13 unique J



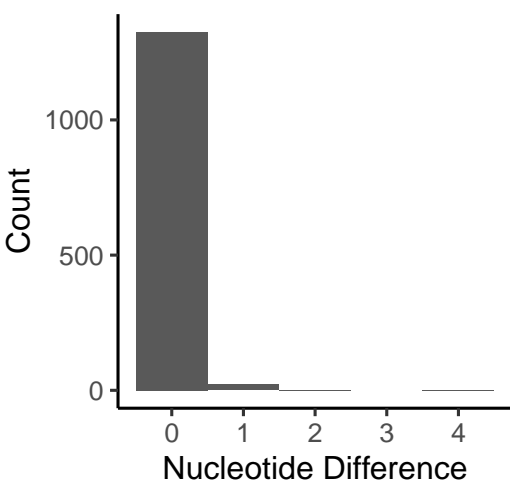
TRBV1*ap01

164 sequences assigned
160 (97.6%) exact matches, in which:
152 unique CDR3
13 unique J



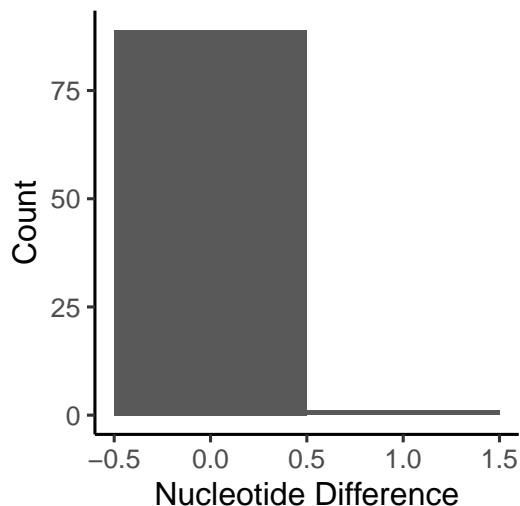
TRBV15*ap02

1348 sequences assigned
1325 (98.3%) exact matches, in which:
1280 unique CDR3
13 unique J



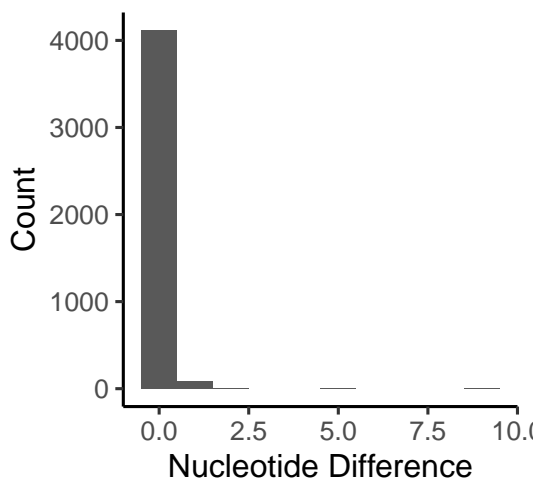
TRBV16*ap01

90 sequences assigned
89 (98.9%) exact matches, in which:
88 unique CDR3
11 unique J



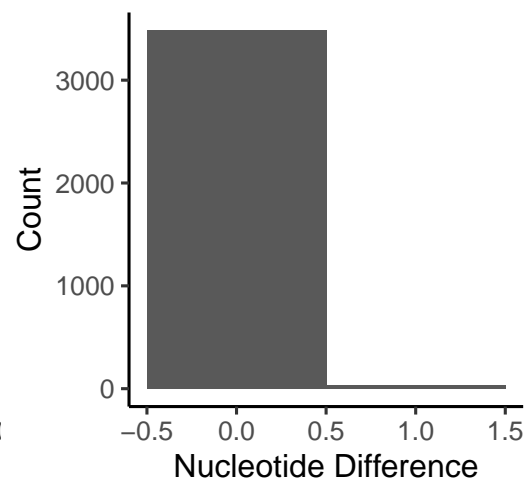
TRBV19*ap01

4201 sequences assigned
4115 (98%) exact matches, in which:
4027 unique CDR3
13 unique J



TRBV28*ap01

3520 sequences assigned
3484 (99%) exact matches, in which:
3400 unique CDR3
13 unique J



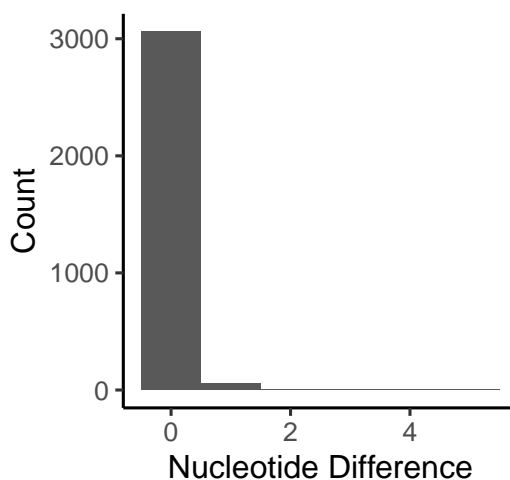
TRBV17*ap01

2 sequences assigned
No exact matches.



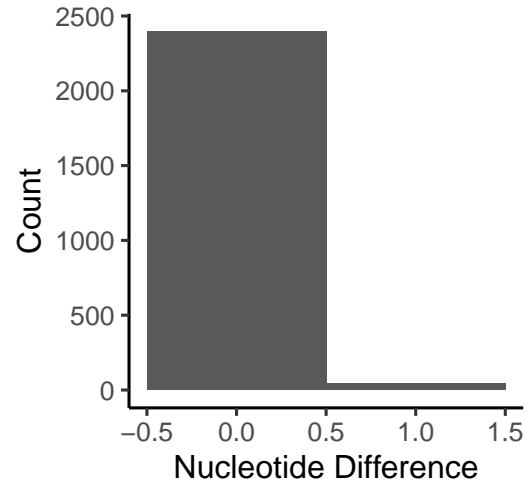
TRBV2*ap01

3118 sequences assigned
3060 (98.1%) exact matches, in which:
2973 unique CDR3
13 unique J



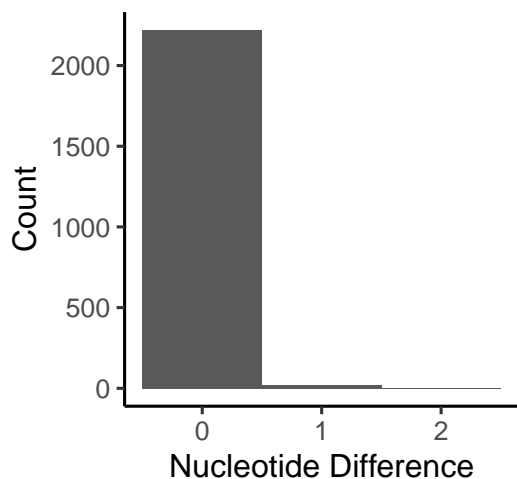
TRBV30*ap01

2436 sequences assigned
2395 (98.3%) exact matches, in which:
2326 unique CDR3
13 unique J



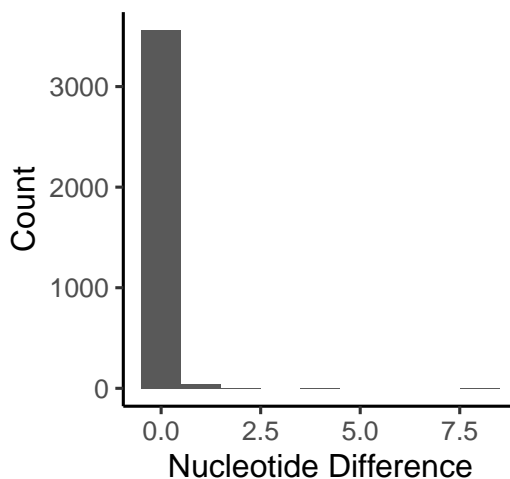
TRBV18*ap01

2242 sequences assigned
2220 (99%) exact matches, in which:
2178 unique CDR3
13 unique J



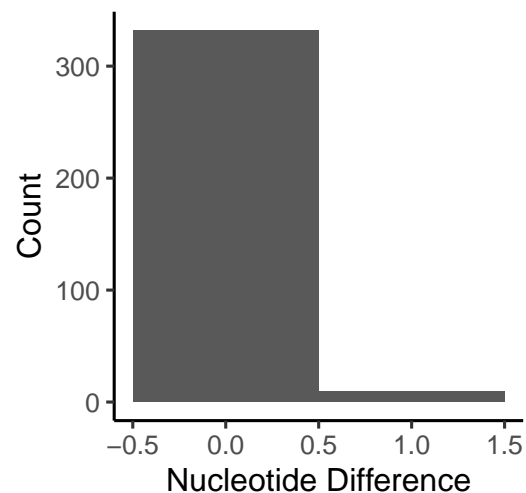
TRBV27*ap01

3613 sequences assigned
3562 (98.6%) exact matches, in which:
3464 unique CDR3
13 unique J



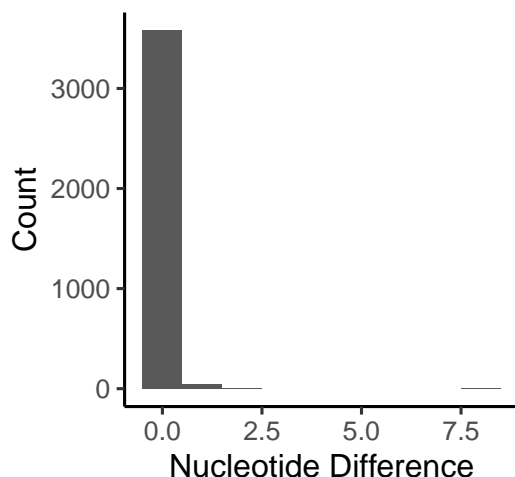
TRBV30*ap03

341 sequences assigned
332 (97.4%) exact matches, in which:
320 unique CDR3
13 unique J



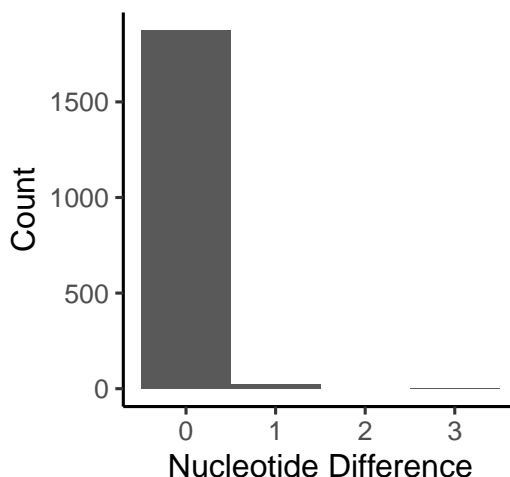
TRBV9*ap01

3627 sequences assigned
3580 (98.7%) exact matches, in which:
3486 unique CDR3
13 unique J



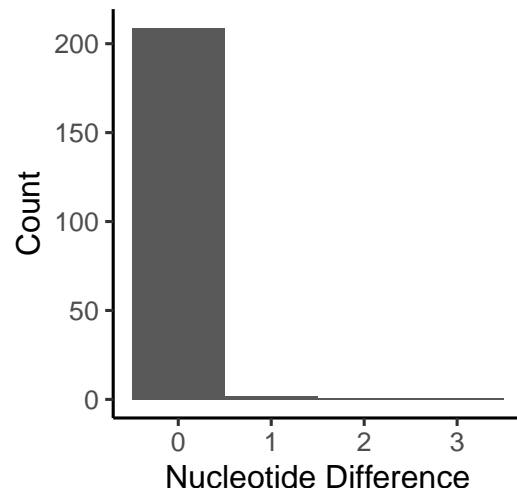
TRBV11-2*ap01

1901 sequences assigned
1874 (98.6%) exact matches, in which:
1818 unique CDR3
13 unique J



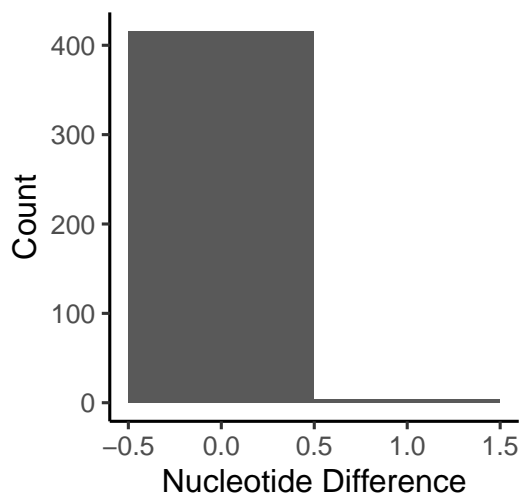
TRBV12-2*ap01

213 sequences assigned
209 (98.1%) exact matches, in which:
203 unique CDR3
13 unique J



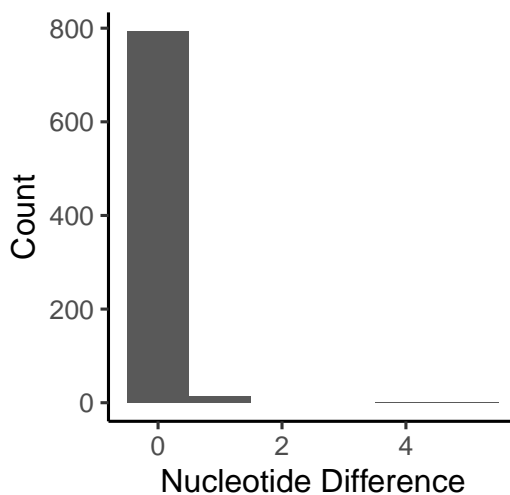
TRBV11-1*ap01

420 sequences assigned
416 (99%) exact matches, in which:
401 unique CDR3
13 unique J



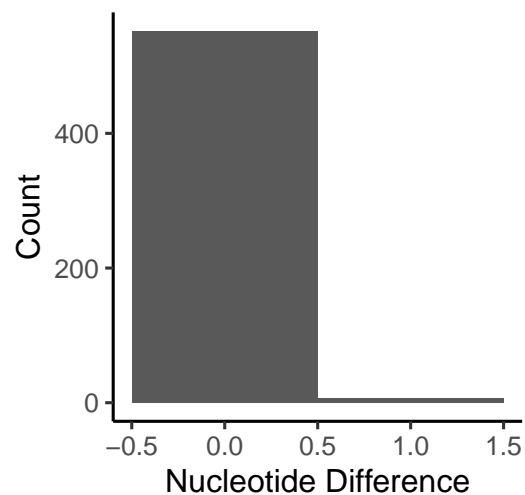
TRBV11-3*ap01

810 sequences assigned
794 (98%) exact matches, in which:
779 unique CDR3
13 unique J



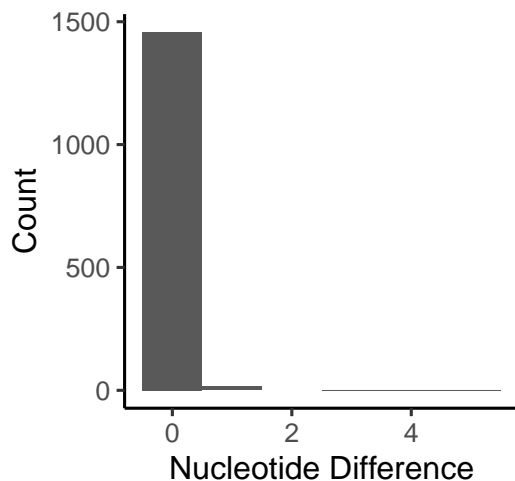
TRBV12-5*ap01

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



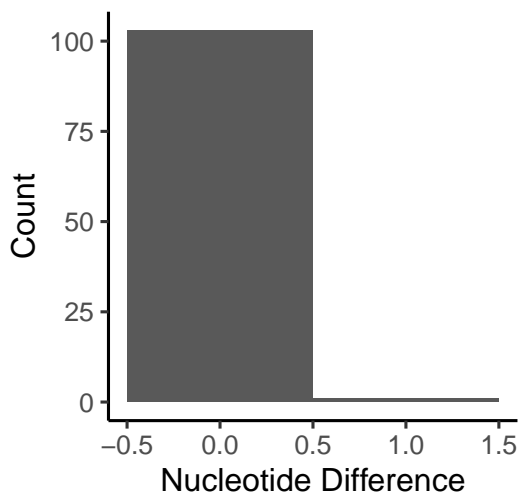
TRBV21-1*ap01

1477 sequences assigned
1458 (98.7%) exact matches, in which:
1429 unique CDR3
13 unique J



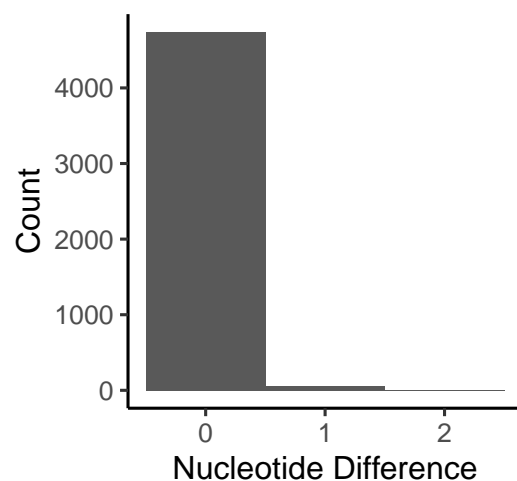
TRBV12-1*ap01

104 sequences assigned
103 (99%) exact matches, in which:
96 unique CDR3
11 unique J



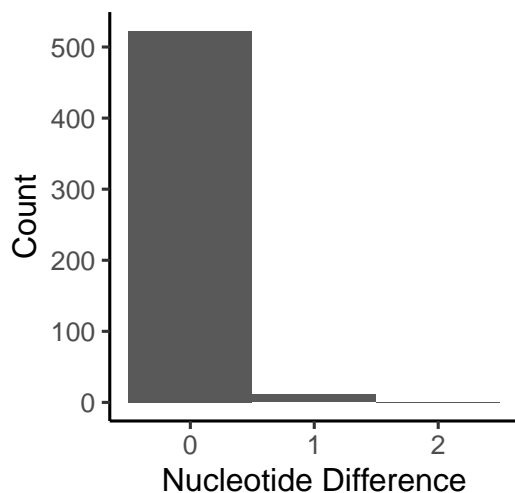
TRBV12-34*ap01

4801 sequences assigned
4739 (98.7%) exact matches, in which:
4618 unique CDR3
13 unique J



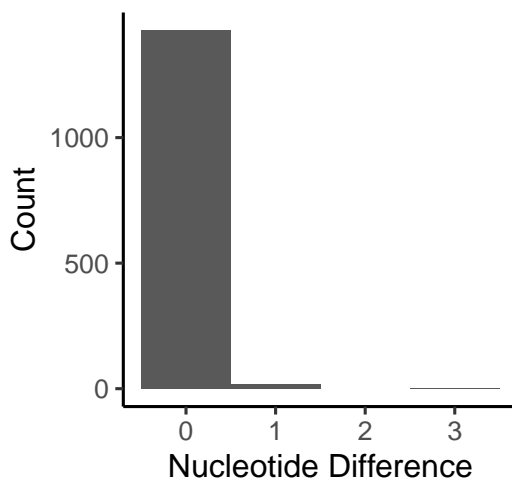
TRBV23-1*ap01

535 sequences assigned
523 (97.8%) exact matches, in which:
515 unique CDR3
13 unique J



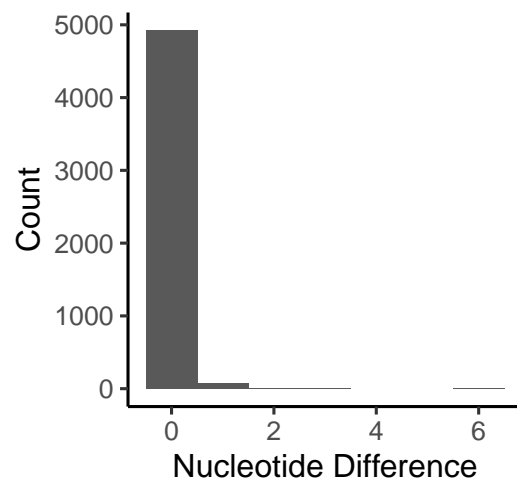
TRBV24-1*ap01

1447 sequences assigned
1427 (98.6%) exact matches, in which:
1398 unique CDR3
13 unique J



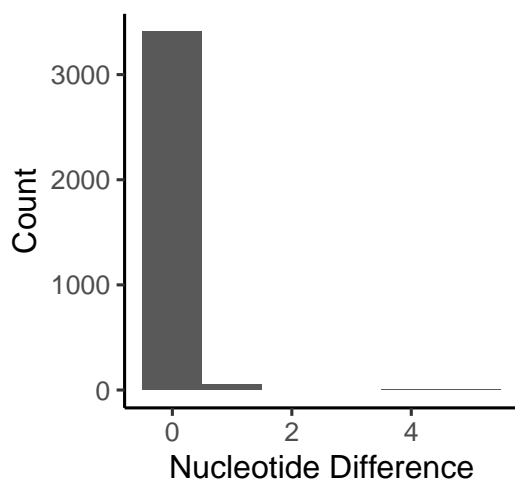
TRBV5-1*ap01

5000 sequences assigned
4923 (98.5%) exact matches, in which:
4732 unique CDR3
13 unique J



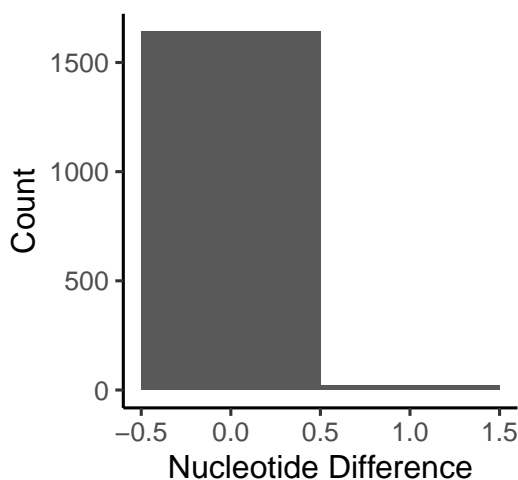
TRBV3-12*ap01

3459 sequences assigned
3408 (98.5%) exact matches, in which:
3318 unique CDR3
13 unique J



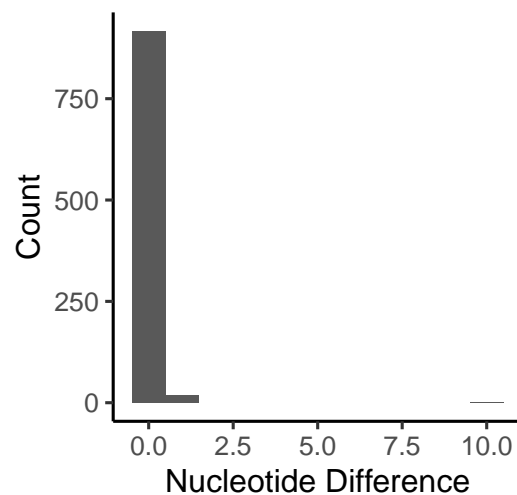
TRBV4-2*ap01

1662 sequences assigned
1641 (98.7%) exact matches, in which:
1596 unique CDR3
13 unique J



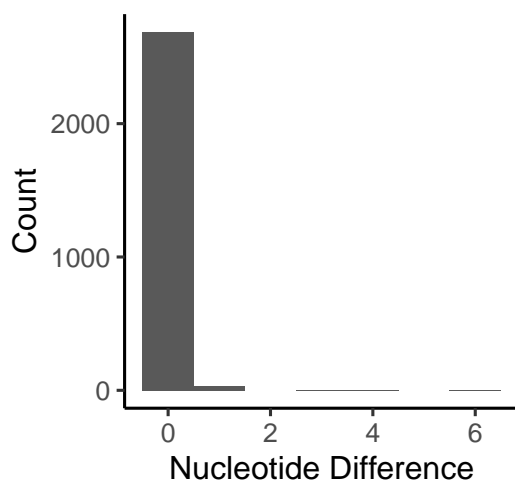
TRBV25-1*ap01

937 sequences assigned
917 (97.9%) exact matches, in which:
884 unique CDR3
13 unique J



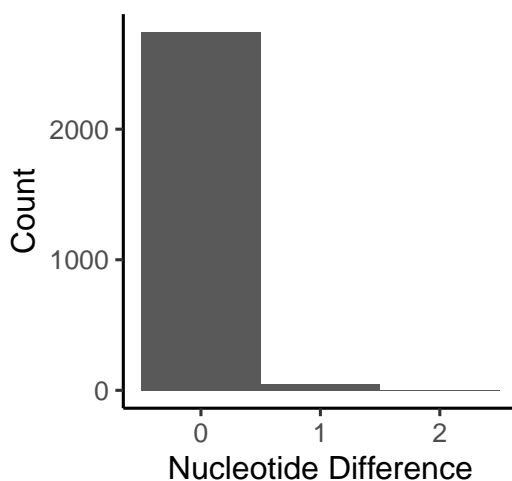
TRBV4-1*ap01

2721 sequences assigned
2687 (98.8%) exact matches, in which:
2578 unique CDR3
13 unique J



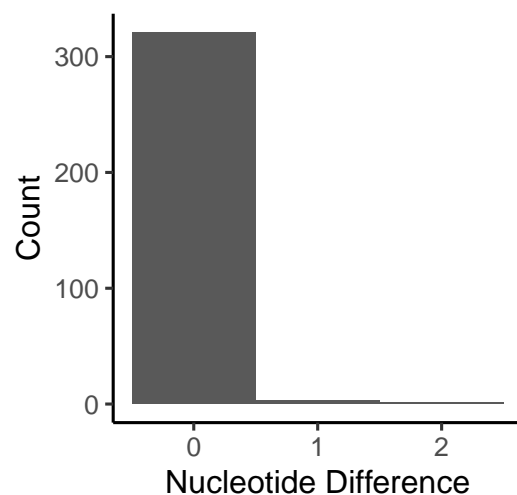
TRBV4-3*ap01

2792 sequences assigned
2744 (98.3%) exact matches, in which:
2670 unique CDR3
13 unique J



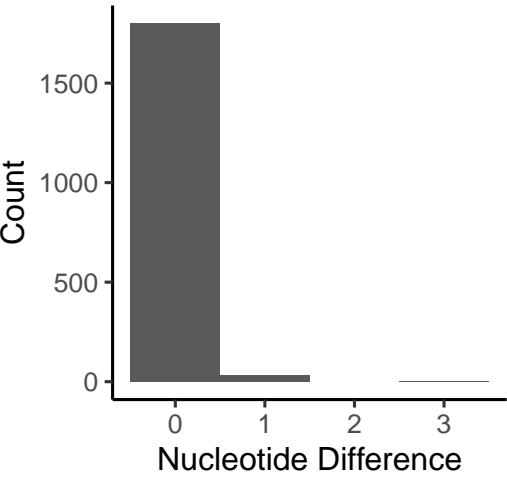
TRBV5-3*ap01

325 sequences assigned
321 (98.8%) exact matches, in which:
309 unique CDR3
13 unique J



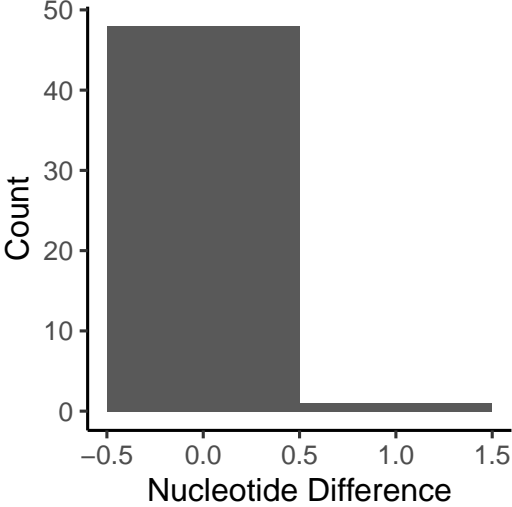
TRBV5-4*ap01

1835 sequences assigned
1800 (98.1%) exact matches, in which:
1745 unique CDR3
13 unique J



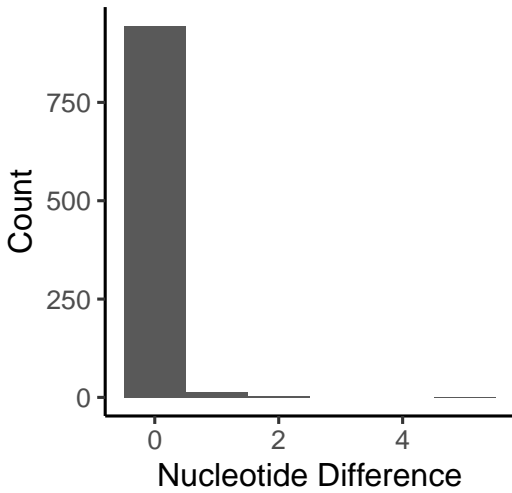
TRBV5-7*ap01

49 sequences assigned
48 (98%) exact matches, in which:
47 unique CDR3
11 unique J



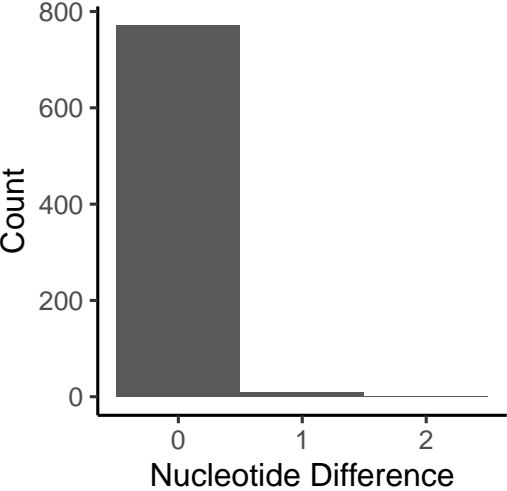
TRBV6-4*ap01

963 sequences assigned
945 (98.1%) exact matches, in which:
930 unique CDR3
13 unique J



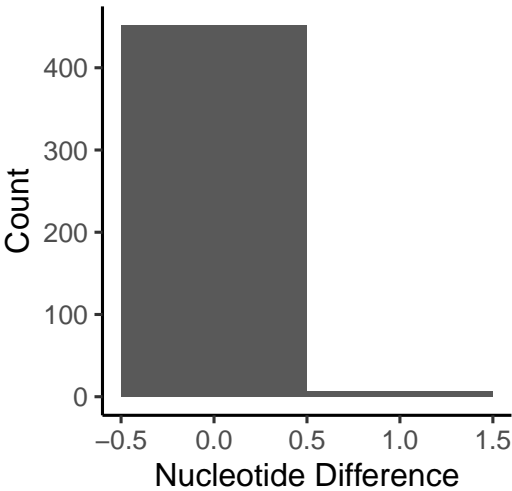
TRBV5-5*ap01

782 sequences assigned
772 (98.7%) exact matches, in which:
754 unique CDR3
13 unique J



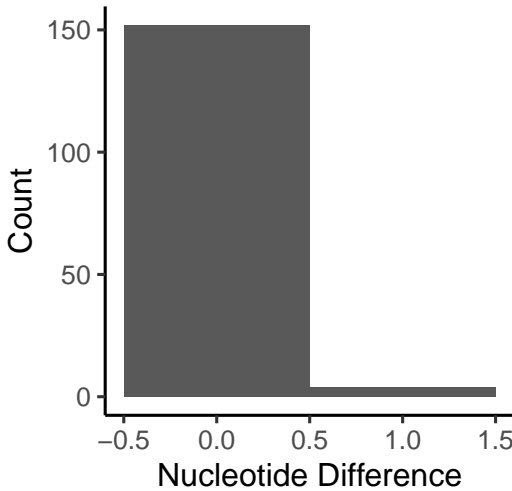
TRBV5-8*ap01

459 sequences assigned
452 (98.5%) exact matches, in which:
440 unique CDR3
13 unique J



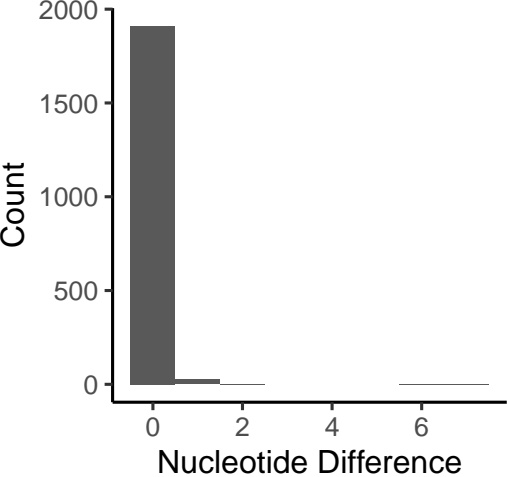
TRBV6-7*ap01

156 sequences assigned
152 (97.4%) exact matches, in which:
148 unique CDR3
13 unique J



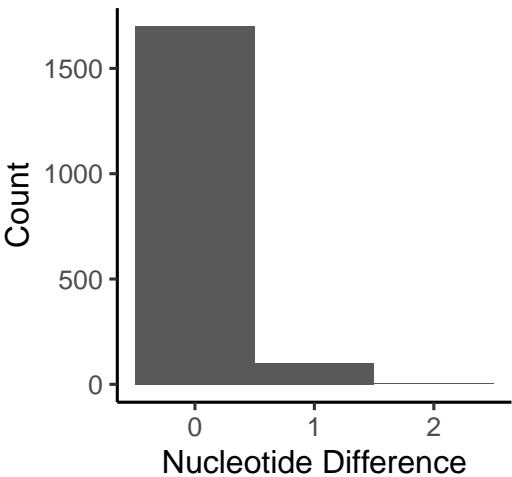
TRBV5-6*ap01

1939 sequences assigned
1910 (98.5%) exact matches, in which:
1839 unique CDR3
13 unique J



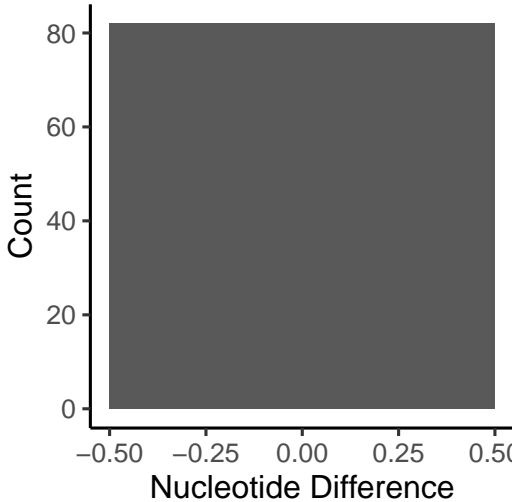
TRBV6-1*ap01

1804 sequences assigned
1701 (94.3%) exact matches, in which:
1636 unique CDR3
13 unique J



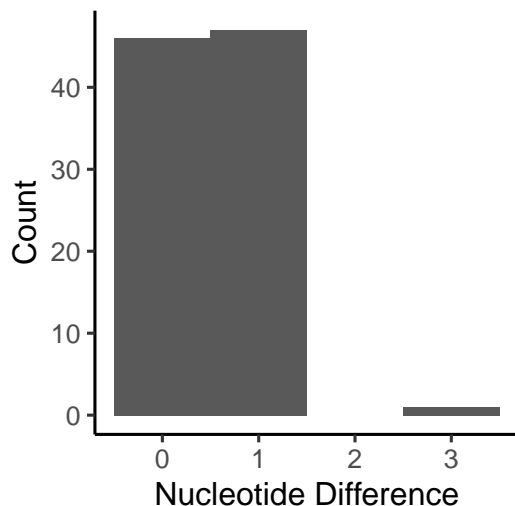
TRBV6-8*ap01

82 sequences assigned
82 (100%) exact matches, in which:
79 unique CDR3
13 unique J



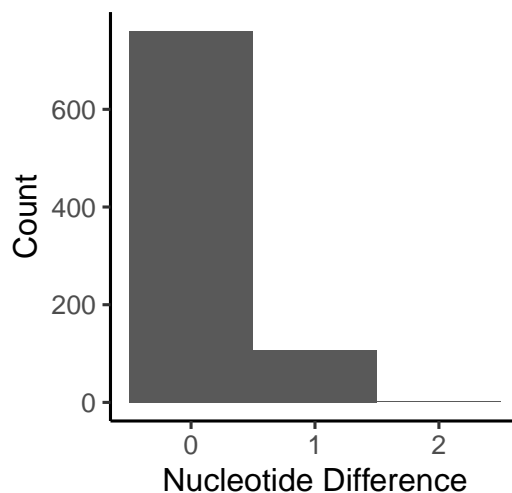
TRBV6-9*ap01

94 sequences assigned
46 (48.9%) exact matches, in which:
46 unique CDR3
10 unique J



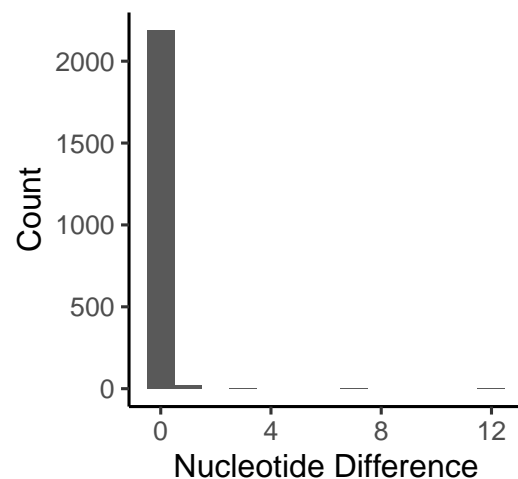
TRBV6-56*ap02

870 sequences assigned
761 (87.5%) exact matches, in which:
735 unique CDR3
13 unique J



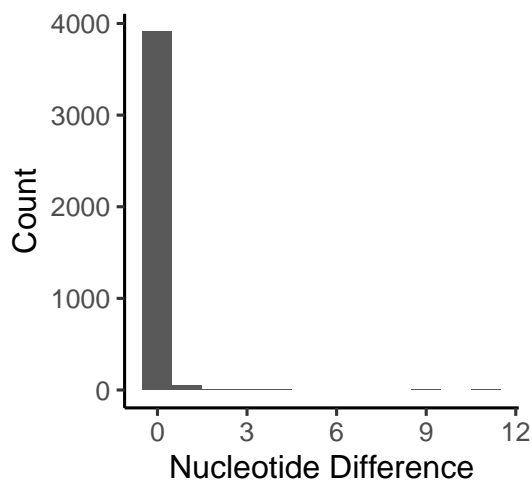
TRBV7-3*ap01

2212 sequences assigned
2188 (98.9%) exact matches, in which:
2133 unique CDR3
13 unique J



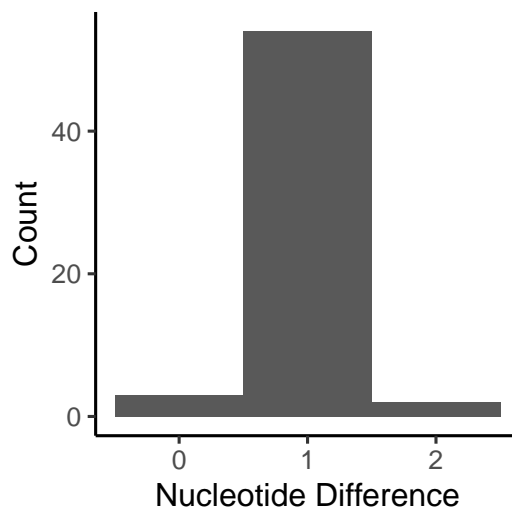
TRBV6-23*ap01

3968 sequences assigned
3910 (98.5%) exact matches, in which:
3768 unique CDR3
13 unique J



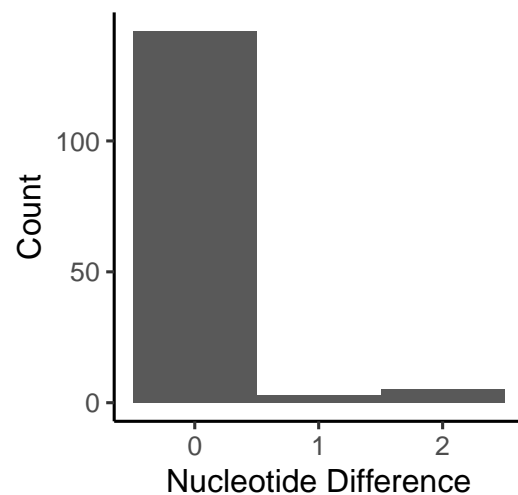
TRBV7-1*ap01_T296C

59 sequences assigned
3 (5.1%) exact matches, in which:
3 unique CDR3
2 unique J



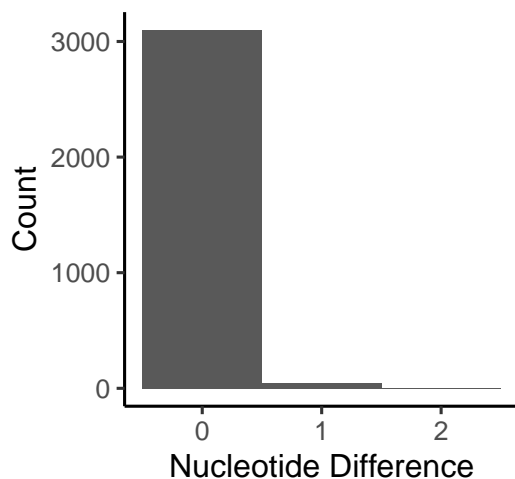
TRBV7-4*ap01

150 sequences assigned
142 (94.7%) exact matches, in which:
139 unique CDR3
13 unique J



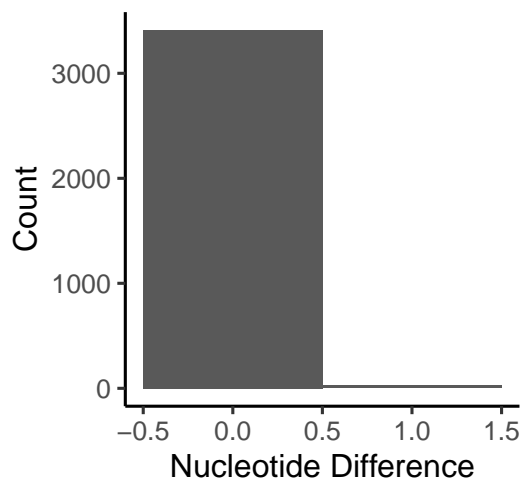
TRBV6-56*ap01

3148 sequences assigned
3099 (98.4%) exact matches, in which:
2988 unique CDR3
13 unique J



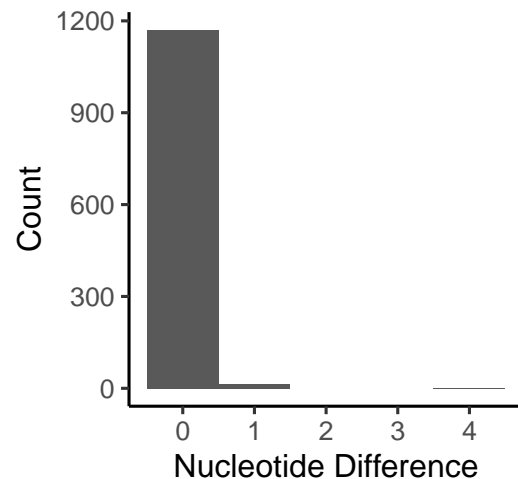
TRBV7-2*ap01

3438 sequences assigned
3412 (99.2%) exact matches, in which:
3330 unique CDR3
13 unique J



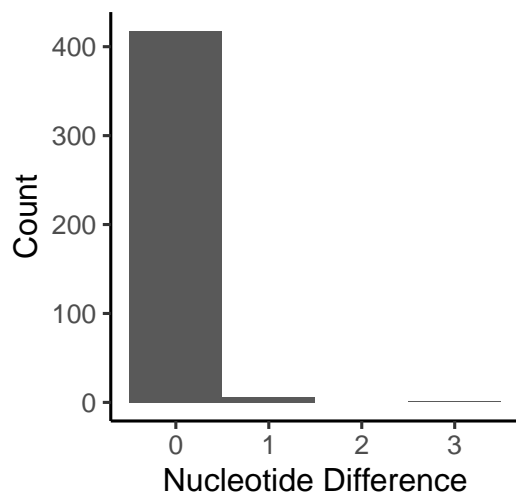
TRBV7-6*ap01

1187 sequences assigned
1170 (98.6%) exact matches, in which:
1145 unique CDR3
13 unique J



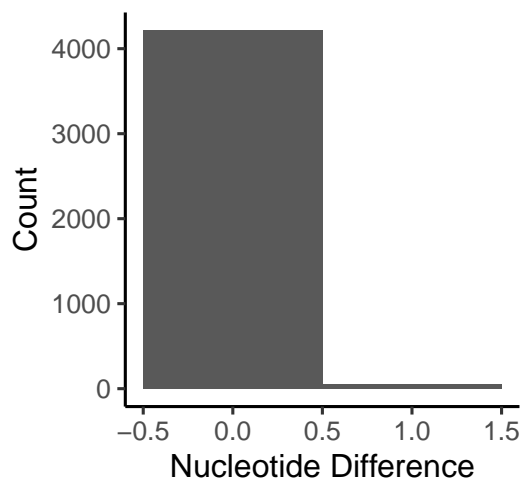
TRBV7-7*ap01

425 sequences assigned
418 (98.4%) exact matches, in which:
409 unique CDR3
13 unique J



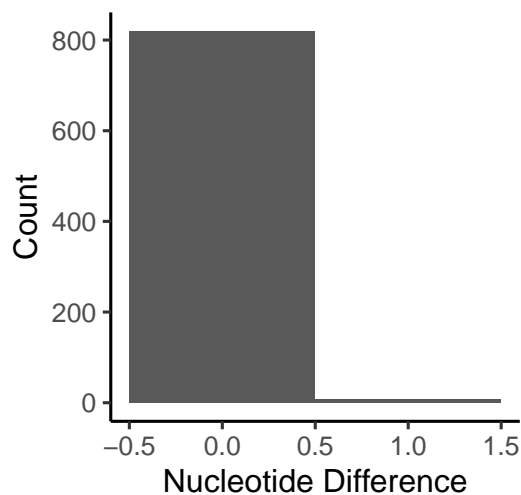
TRBV7-9*ap01

4266 sequences assigned
4215 (98.8%) exact matches, in which:
4084 unique CDR3
13 unique J



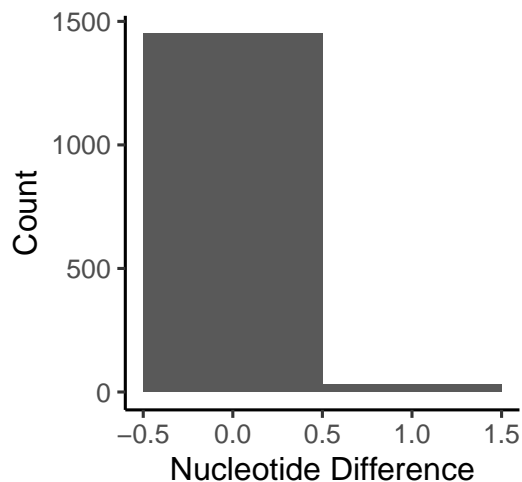
TRBV7-8*ap01

828 sequences assigned
820 (99%) exact matches, in which:
786 unique CDR3
13 unique J



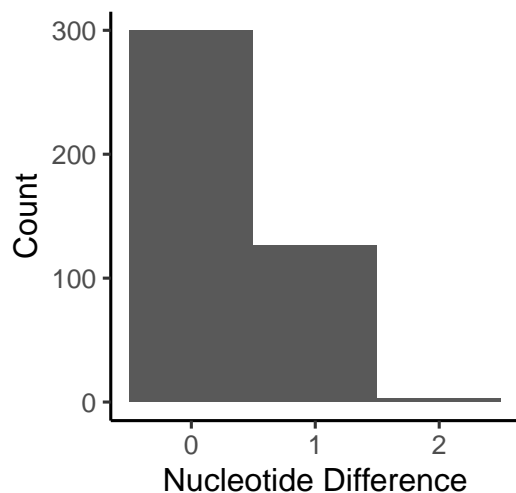
TRBV29-1*ap01

1481 sequences assigned
1450 (97.9%) exact matches, in which:
1399 unique CDR3
13 unique J



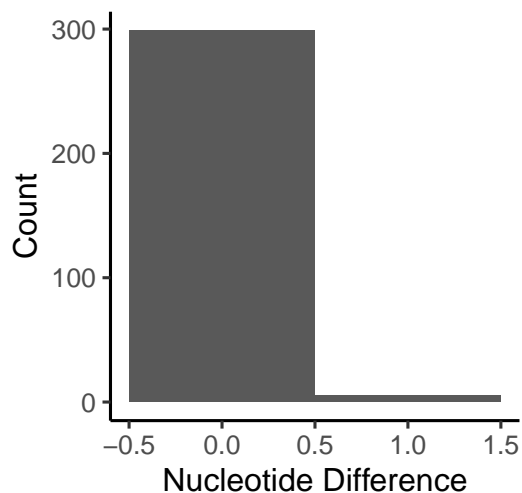
TRBV7-8*ap03

429 sequences assigned
300 (69.9%) exact matches, in which:
283 unique CDR3
13 unique J

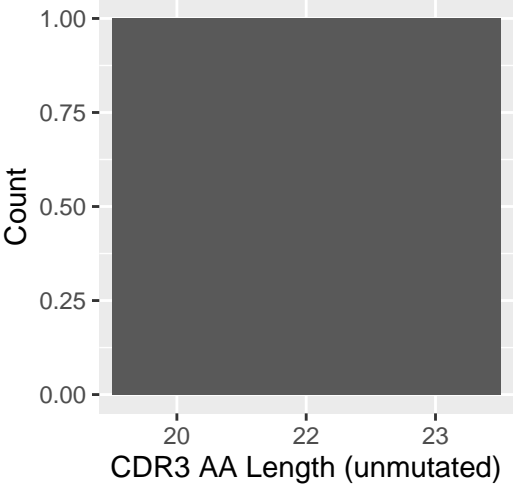


TRBV29-1*ap02

304 sequences assigned
299 (98.4%) exact matches, in which:
289 unique CDR3
13 unique J



TRBV7-1*ap01_T296C





[illegible]