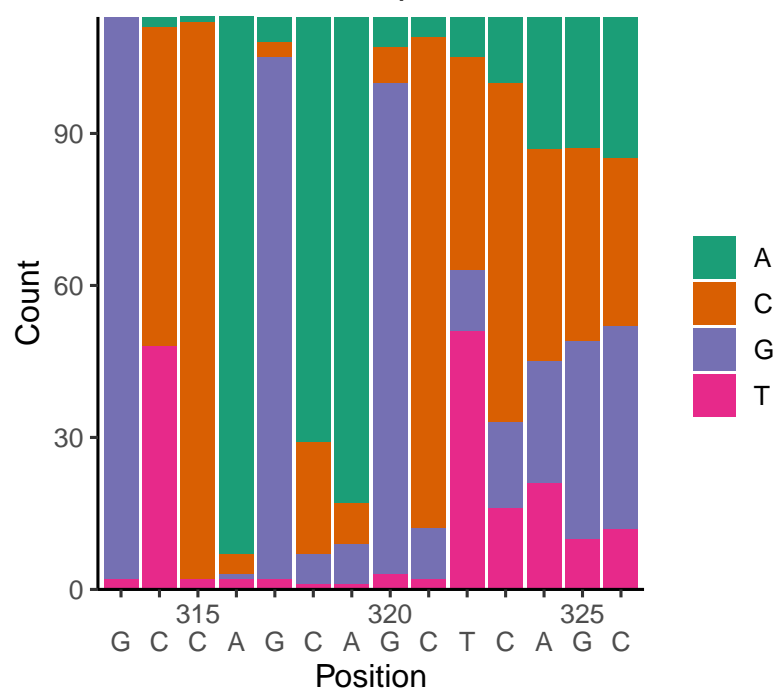
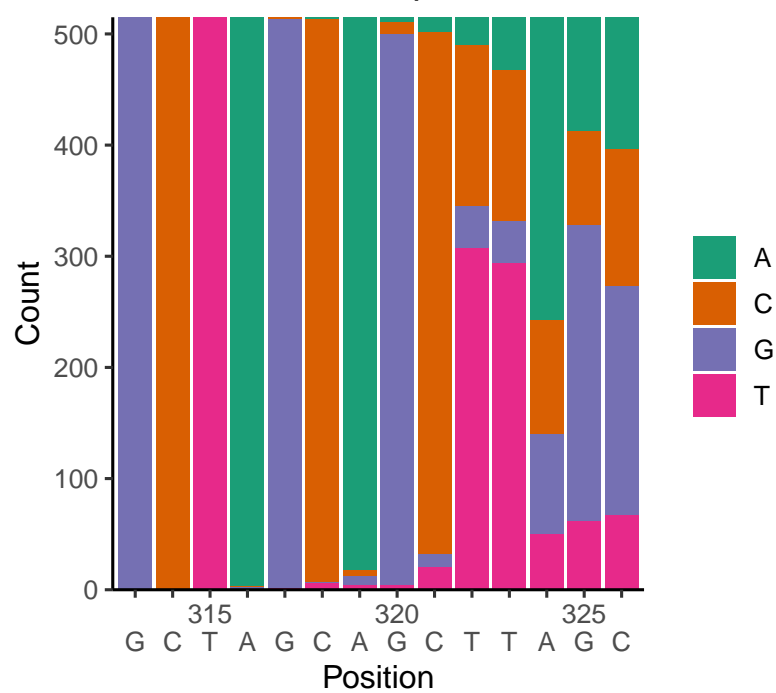


Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



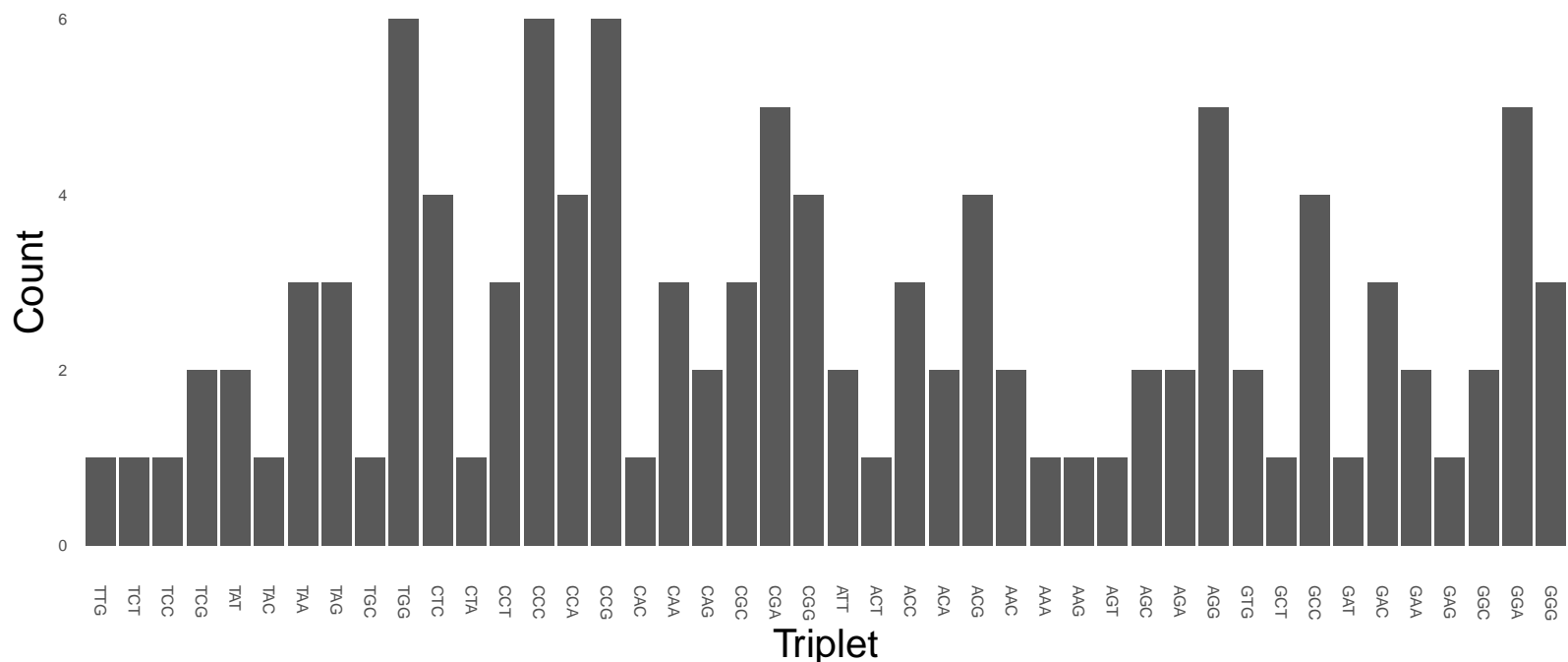
Gene TRBV7-1*ap01_T296C



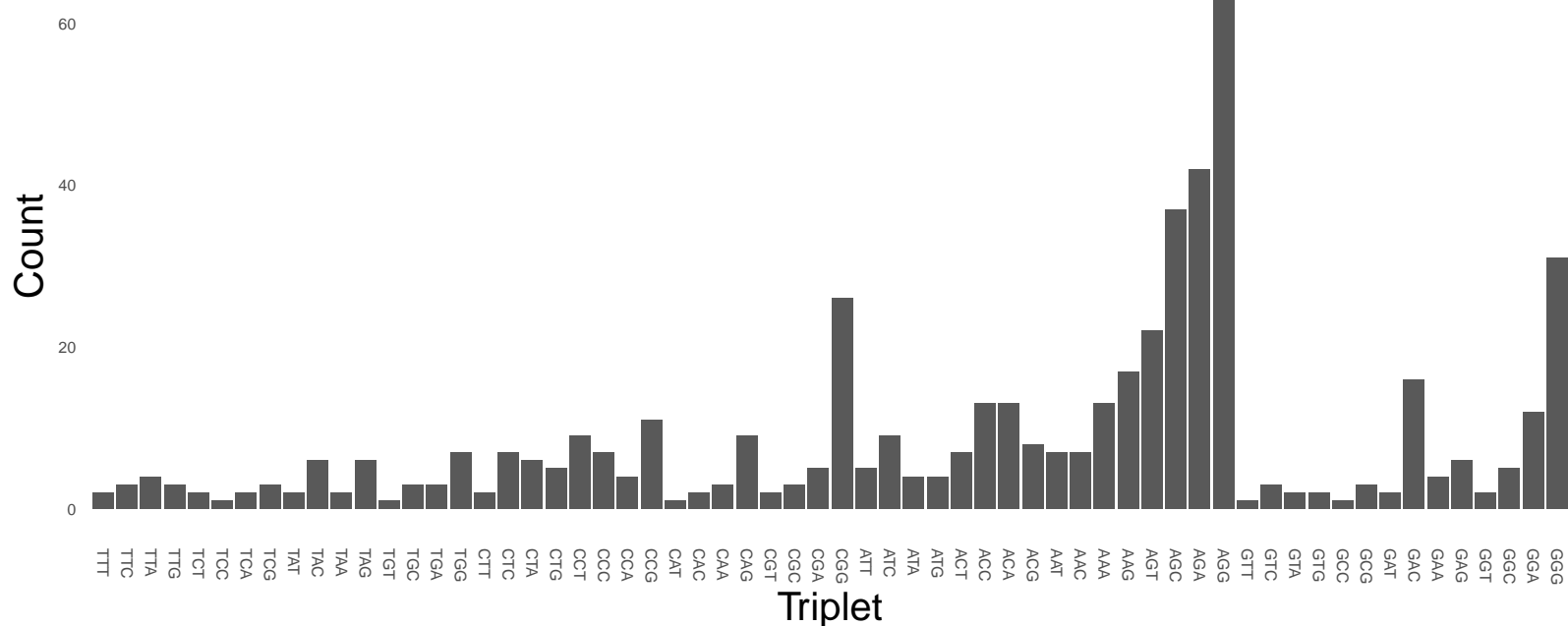
Gene TRBV7-7*ap01_C315T



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

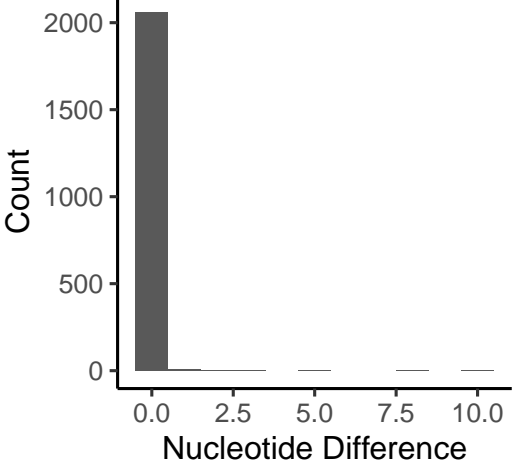


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



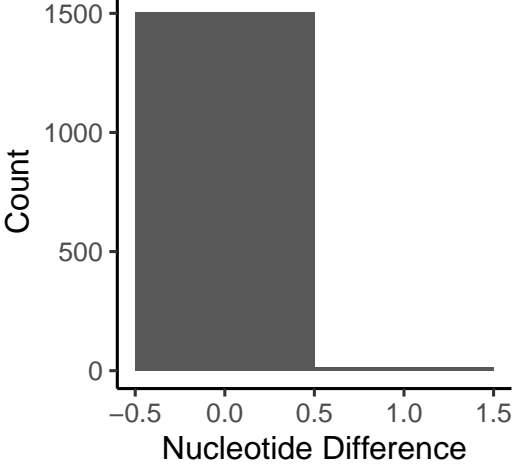
TRBV10-1*ap01

2073 sequences assigned
2059 (99.3%) exact matches, in which:
2026 unique CDR3
13 unique J



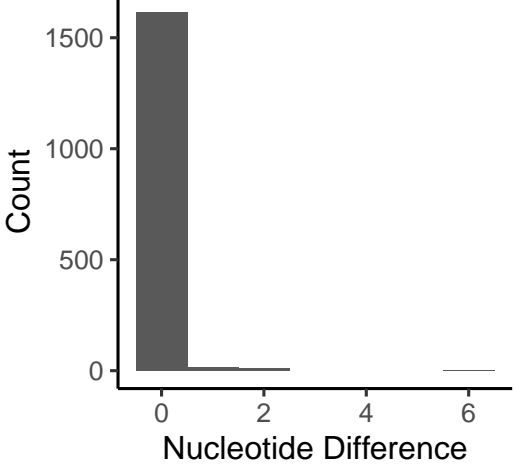
TRBV10-2*ap01

1519 sequences assigned
1504 (99%) exact matches, in which:
1486 unique CDR3
13 unique J



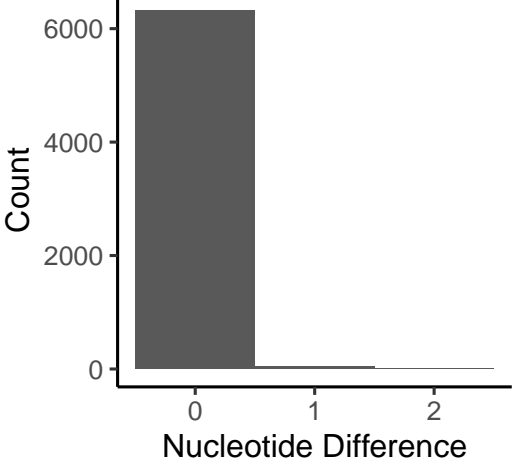
TRBV13*ap01

1642 sequences assigned
1614 (98.3%) exact matches, in which:
1583 unique CDR3
13 unique J



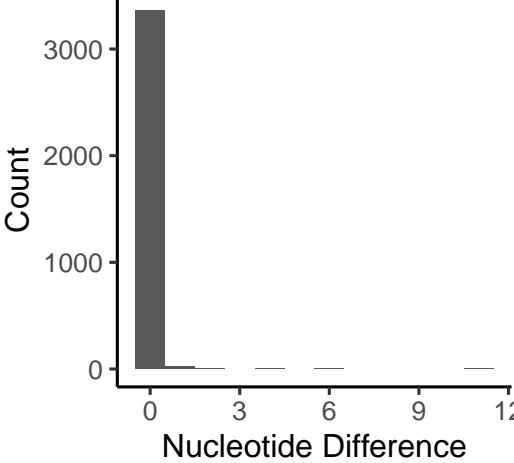
TRBV20-1*ap01

6353 sequences assigned
6316 (99.4%) exact matches, in which:
6255 unique CDR3
13 unique J



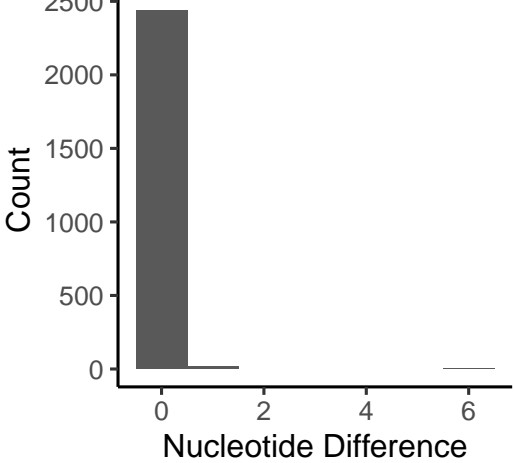
TRBV10-3*ap01

3394 sequences assigned
3359 (99%) exact matches, in which:
3314 unique CDR3
13 unique J



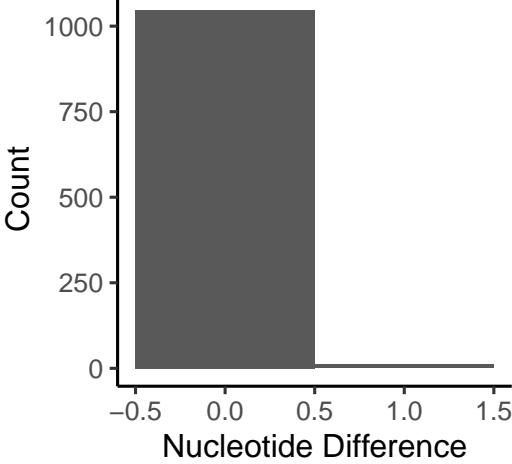
TRBV14*ap01

2457 sequences assigned
2436 (99.1%) exact matches, in which:
2415 unique CDR3
13 unique J



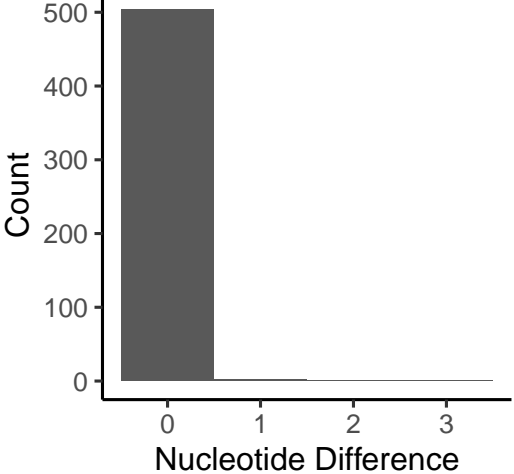
TRBV20-1*ap02

1058 sequences assigned
1047 (99%) exact matches, in which:
1042 unique CDR3
13 unique J



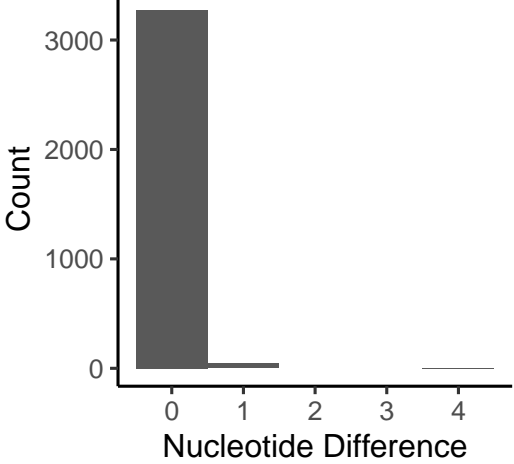
TRBV1*ap01

508 sequences assigned
504 (99.2%) exact matches, in which:
491 unique CDR3
13 unique J



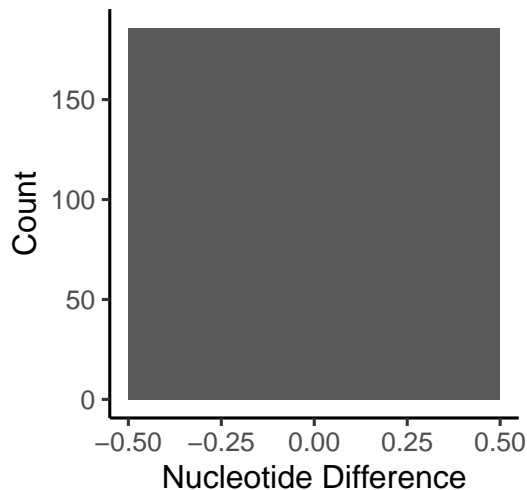
TRBV15*ap02

3320 sequences assigned
3274 (98.6%) exact matches, in which:
3220 unique CDR3
13 unique J



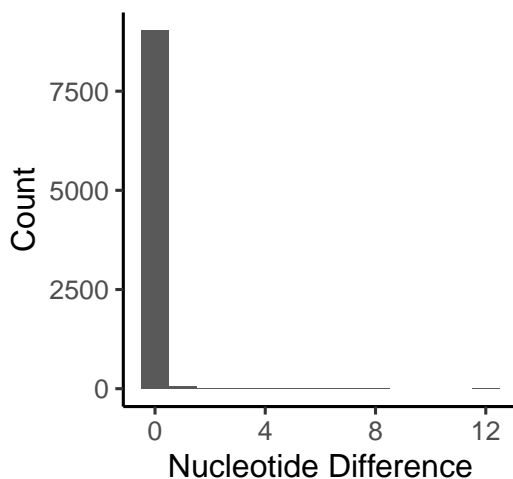
TRBV16*ap01

186 sequences assigned
186 (100%) exact matches, in which:
183 unique CDR3
13 unique J



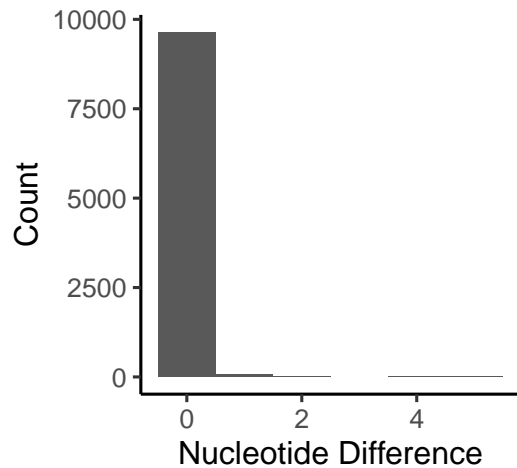
TRBV19*ap01

9119 sequences assigned
9032 (99%) exact matches, in which:
8978 unique CDR3
13 unique J



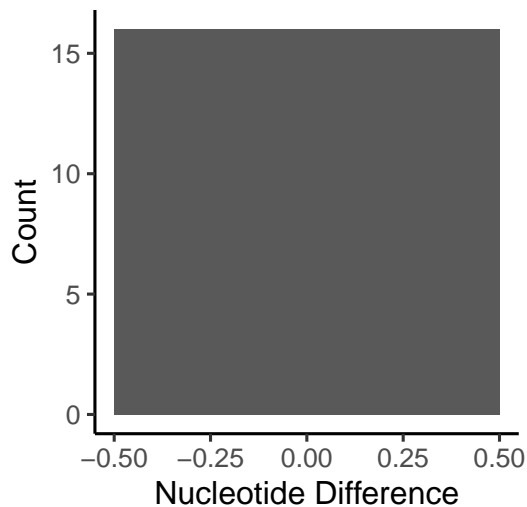
TRBV28*ap01

9714 sequences assigned
9642 (99.3%) exact matches, in which:
9544 unique CDR3
13 unique J



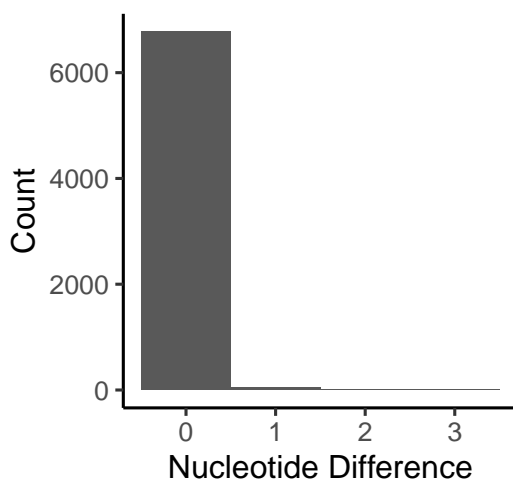
TRBV17*ap01

16 sequences assigned
16 (100%) exact matches, in which:
16 unique CDR3
7 unique J



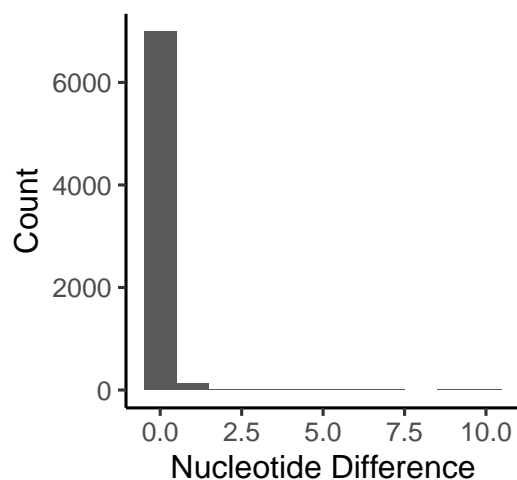
TRBV2*ap01

6837 sequences assigned
6774 (99.1%) exact matches, in which:
6668 unique CDR3
13 unique J



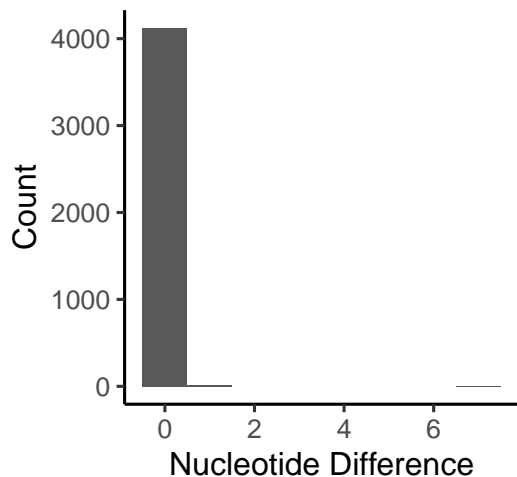
TRBV30*ap01

7135 sequences assigned
6989 (98%) exact matches, in which:
6851 unique CDR3
13 unique J



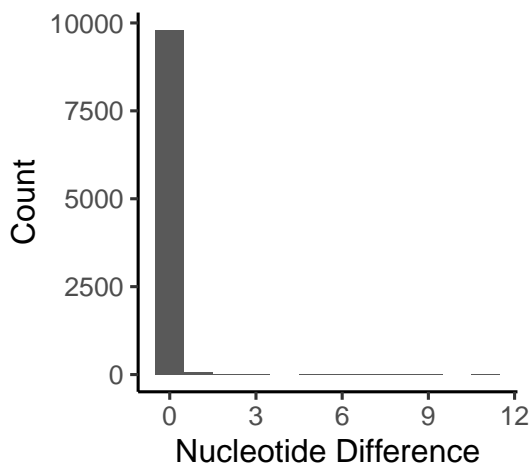
TRBV18*ap01

4136 sequences assigned
4122 (99.7%) exact matches, in which:
4093 unique CDR3
13 unique J



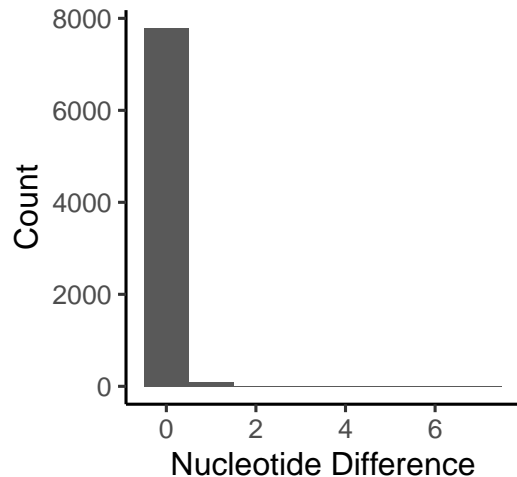
TRBV27*ap01

9885 sequences assigned
9805 (99.2%) exact matches, in which:
9672 unique CDR3
13 unique J



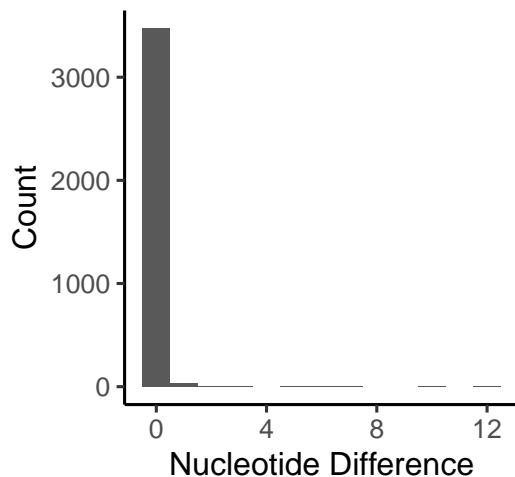
TRBV9*ap01

7890 sequences assigned
7789 (98.7%) exact matches, in which:
7713 unique CDR3
13 unique J



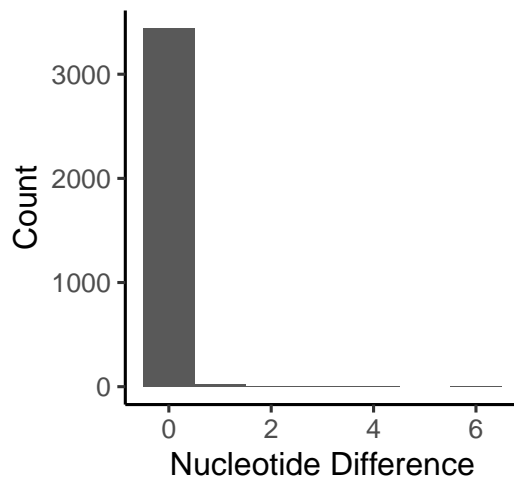
TRBV21-1*ap01

3528 sequences assigned
3473 (98.4%) exact matches, in which:
3452 unique CDR3
13 unique J



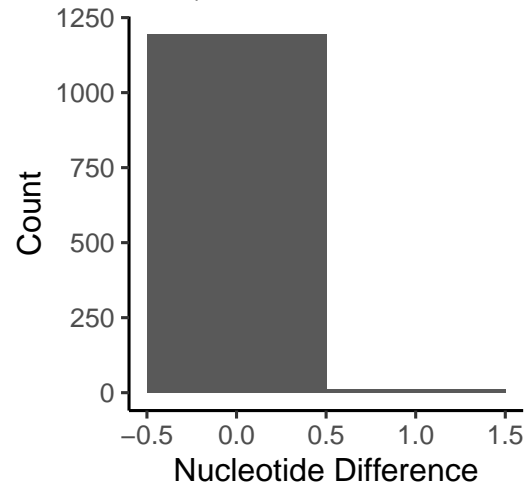
TRBV11-3*ap01

3474 sequences assigned
3440 (99%) exact matches, in which:
3424 unique CDR3
13 unique J



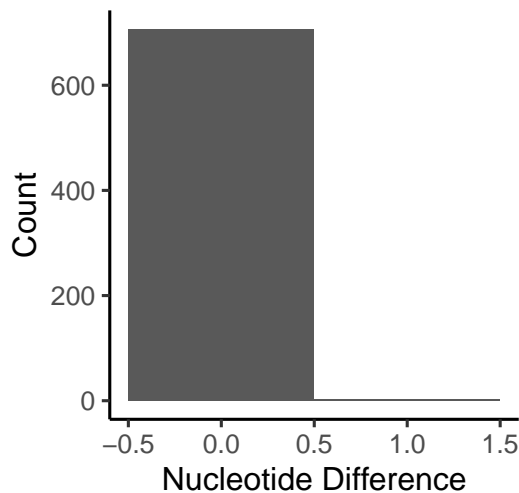
TRBV12-5*ap01

1206 sequences assigned
1194 (99%) exact matches, in which:
1181 unique CDR3
13 unique J



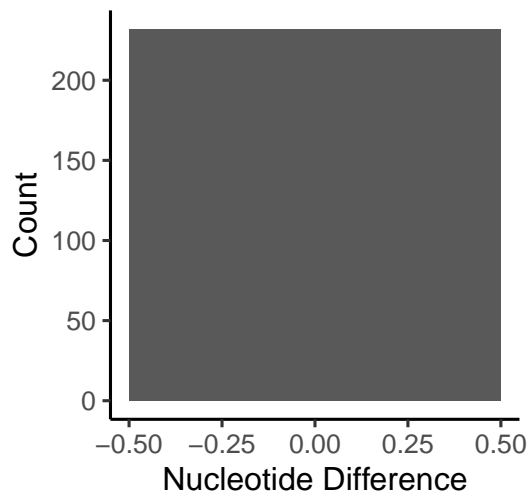
TRBV11-1*ap01

710 sequences assigned
707 (99.6%) exact matches, in which:
701 unique CDR3
13 unique J



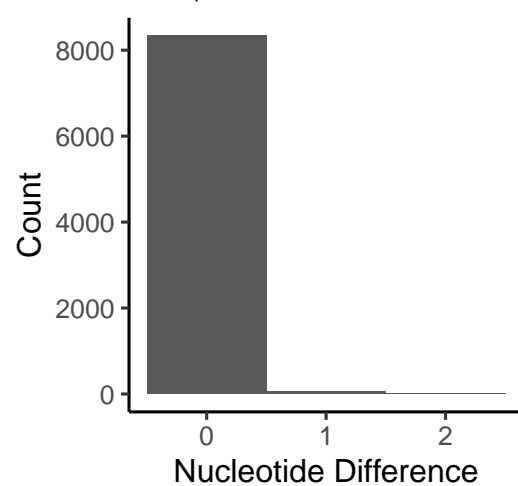
TRBV12-1*ap01

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



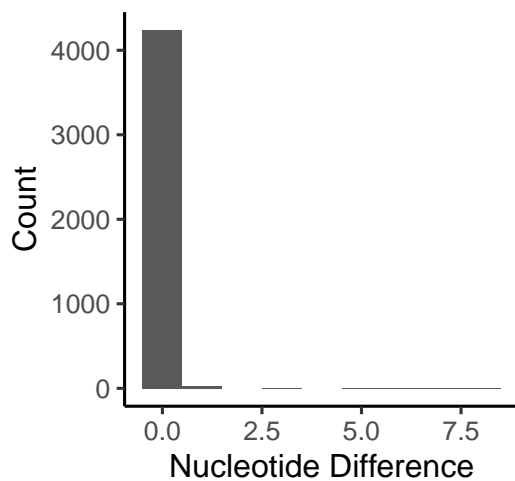
TRBV12-34*ap01

8397 sequences assigned
8336 (99.3%) exact matches, in which:
8244 unique CDR3
13 unique J



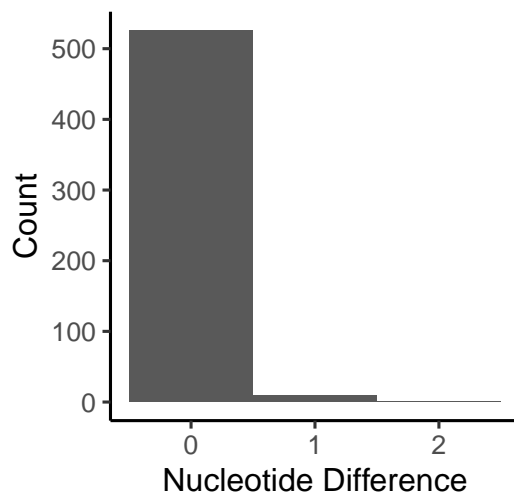
TRBV11-2*ap01

4273 sequences assigned
4239 (99.2%) exact matches, in which:
4217 unique CDR3
13 unique J



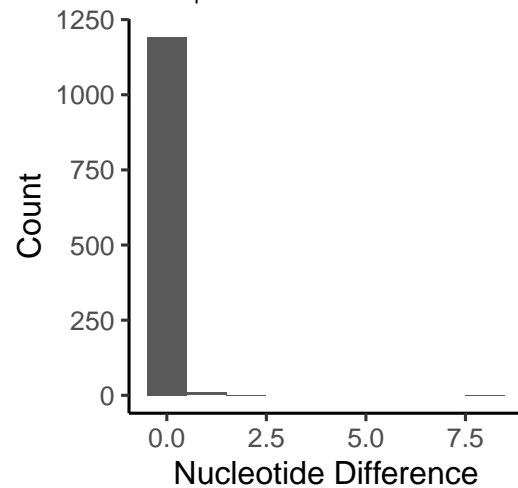
TRBV12-2*ap01

536 sequences assigned
526 (98.1%) exact matches, in which:
518 unique CDR3
13 unique J



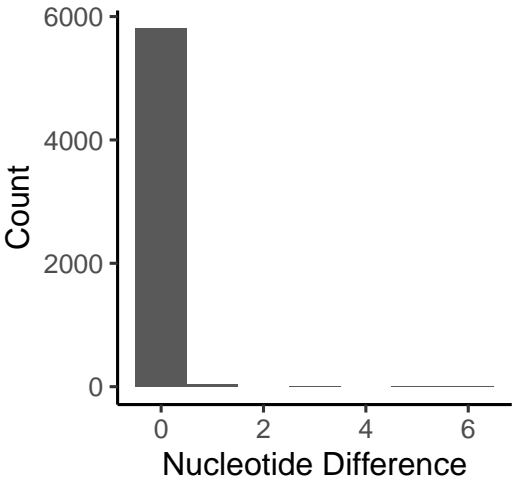
TRBV23-1*ap01

1204 sequences assigned
1192 (99%) exact matches, in which:
1179 unique CDR3
13 unique J



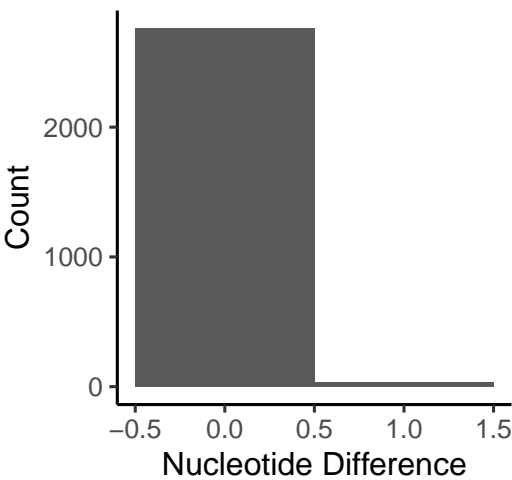
TRBV3-12*ap01

5849 sequences assigned
5808 (99.3%) exact matches, in which:
5767 unique CDR3
13 unique J



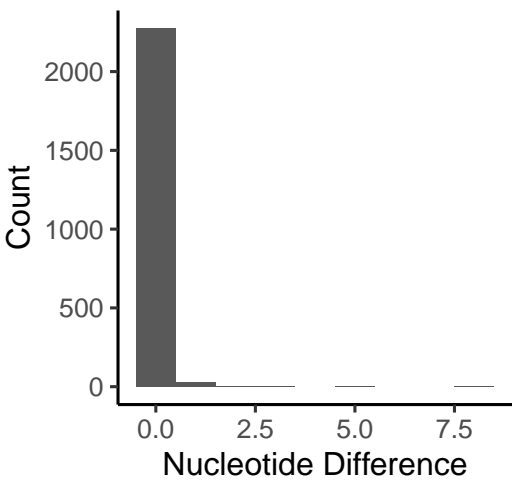
TRBV4-2*ap01

2795 sequences assigned
2761 (98.8%) exact matches, in which:
2720 unique CDR3
13 unique J



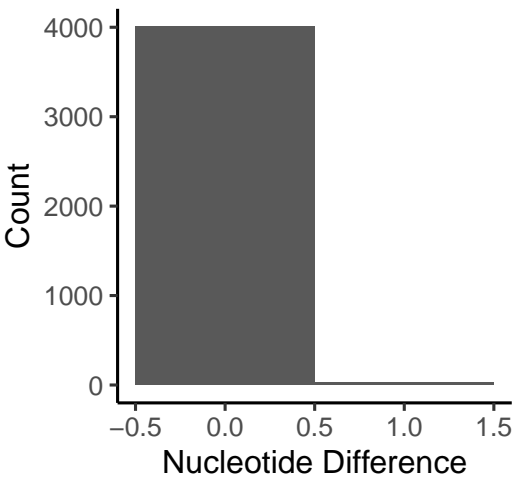
TRBV25-1*ap01

2310 sequences assigned
2274 (98.4%) exact matches, in which:
2238 unique CDR3
13 unique J



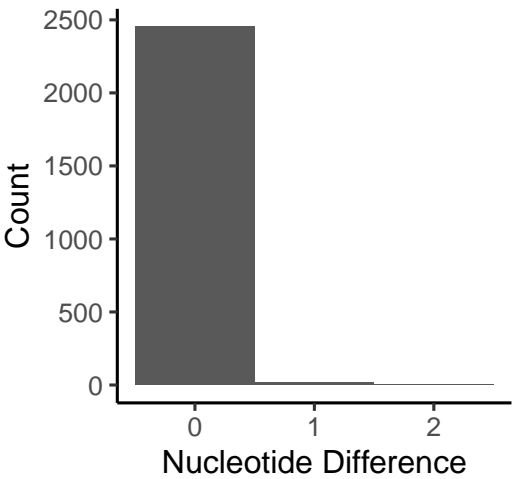
TRBV4-1*ap01

4038 sequences assigned
4006 (99.2%) exact matches, in which:
3926 unique CDR3
13 unique J



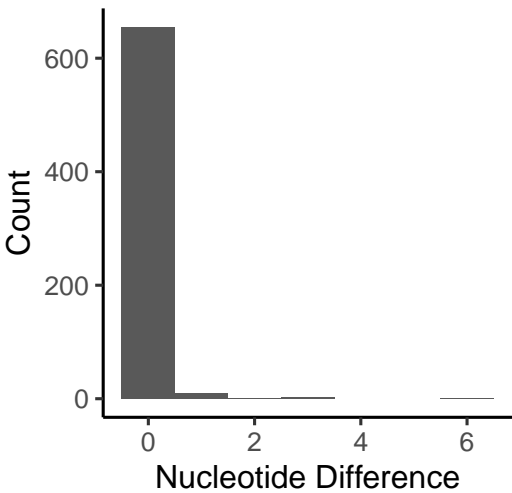
TRBV4-3*ap01

2473 sequences assigned
2453 (99.2%) exact matches, in which:
2410 unique CDR3
13 unique J



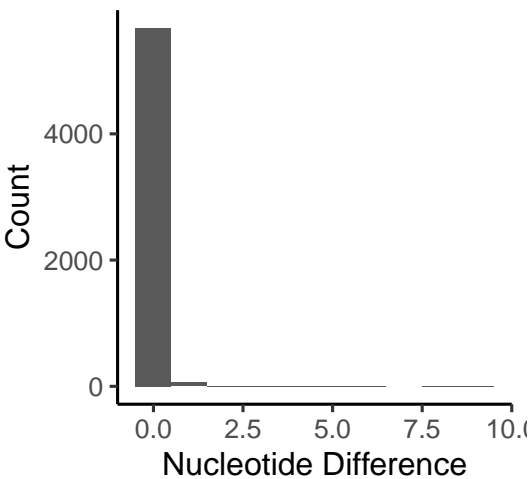
TRBV5-3*ap01

669 sequences assigned
655 (97.9%) exact matches, in which:
644 unique CDR3
13 unique J



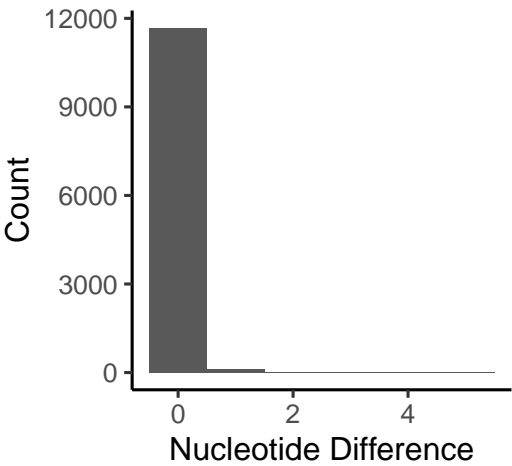
TRBV24-1*ap01

5749 sequences assigned
5676 (98.7%) exact matches, in which:
5604 unique CDR3
13 unique J



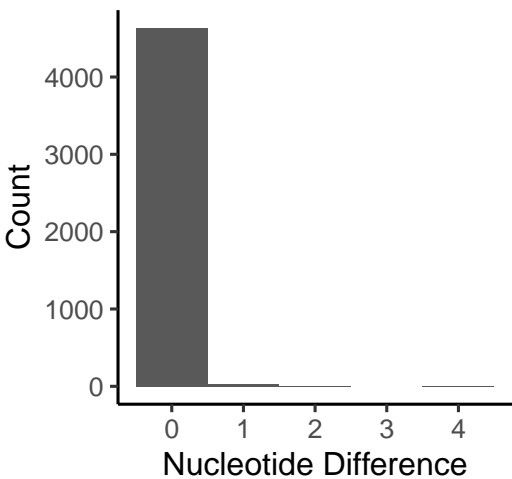
TRBV5-1*ap01

11821 sequences assigned
11680 (98.8%) exact matches, in which:
11485 unique CDR3
13 unique J



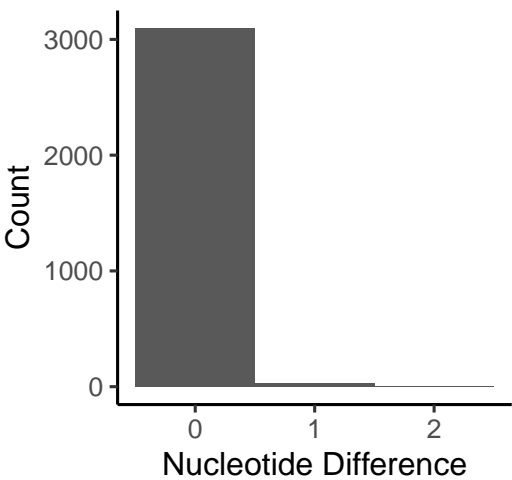
TRBV5-4*ap01

4668 sequences assigned
4633 (99.3%) exact matches, in which:
4554 unique CDR3
13 unique J



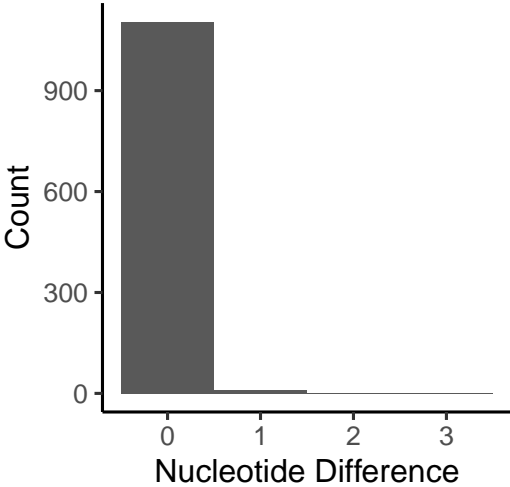
TRBV5-5*ap01

3129 sequences assigned
3095 (98.9%) exact matches, in which:
3036 unique CDR3
13 unique J



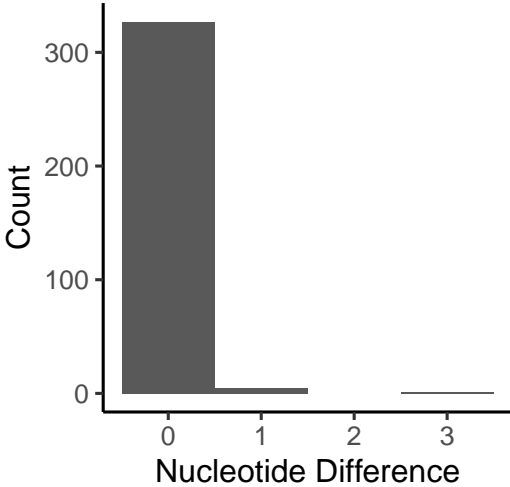
TRBV5-8*ap01

1119 sequences assigned
1105 (98.7%) exact matches, in which:
1094 unique CDR3
13 unique J



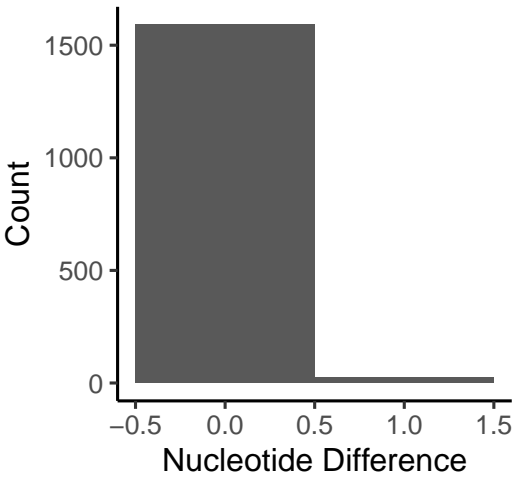
TRBV6-7*ap01

333 sequences assigned
327 (98.2%) exact matches, in which:
320 unique CDR3
13 unique J



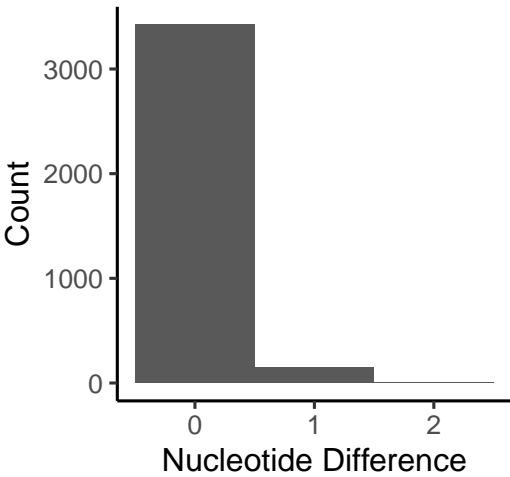
TRBV5-6*ap01

1614 sequences assigned
1591 (98.6%) exact matches, in which:
1556 unique CDR3
13 unique J



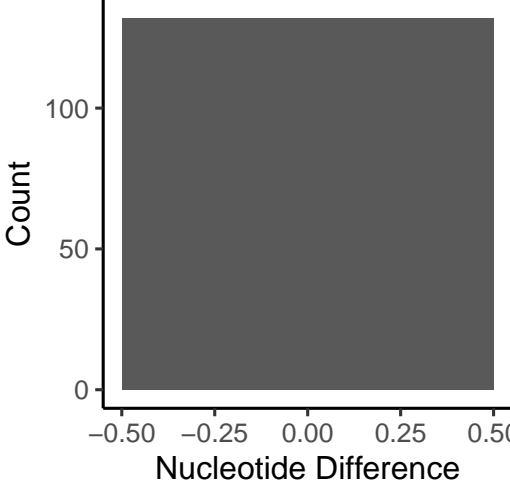
TRBV6-1*ap01

3569 sequences assigned
3423 (95.9%) exact matches, in which:
3366 unique CDR3
13 unique J



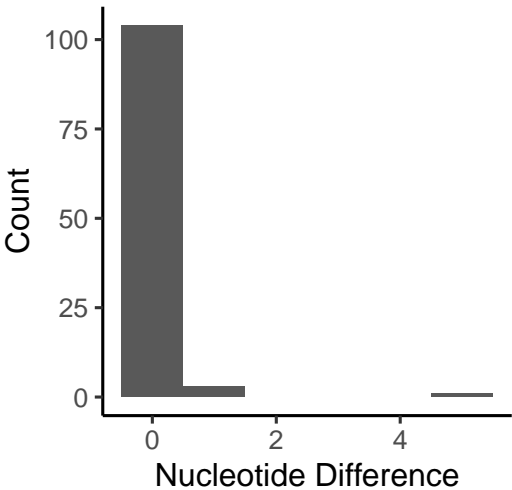
TRBV6-8*ap01

132 sequences assigned
132 (100%) exact matches, in which:
129 unique CDR3
12 unique J



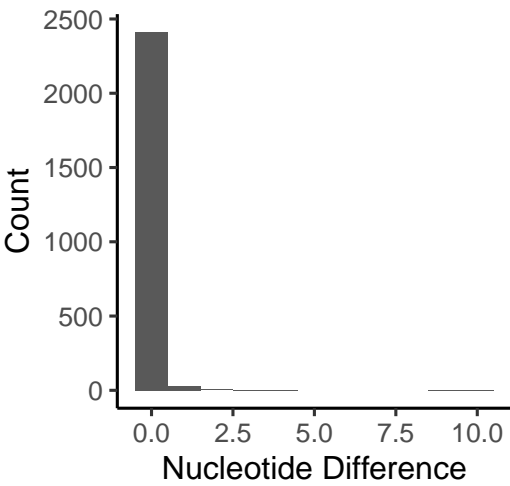
TRBV5-7*ap01

108 sequences assigned
104 (96.3%) exact matches, in which:
100 unique CDR3
13 unique J



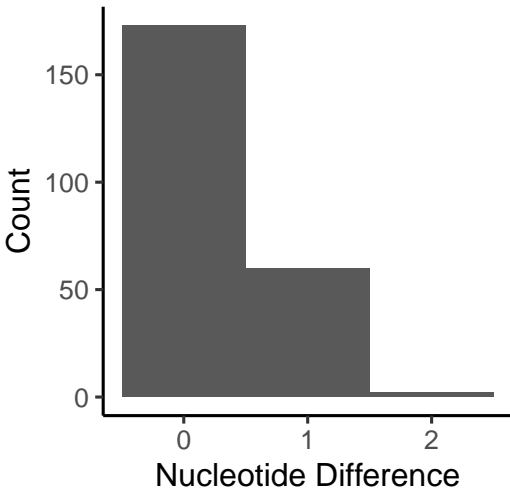
TRBV6-4*ap01

2454 sequences assigned
2412 (98.3%) exact matches, in which:
2386 unique CDR3
13 unique J



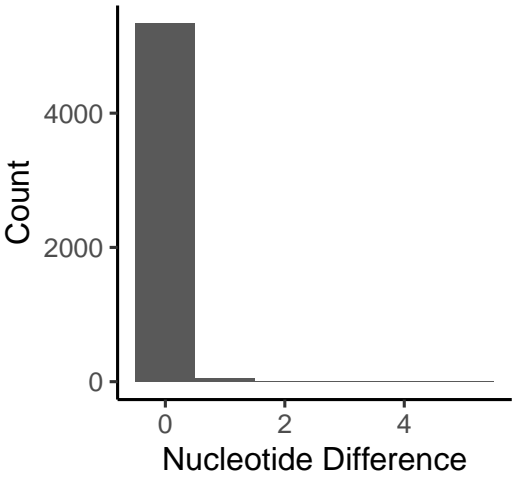
TRBV6-9*ap01

235 sequences assigned
173 (73.6%) exact matches, in which:
170 unique CDR3
13 unique J



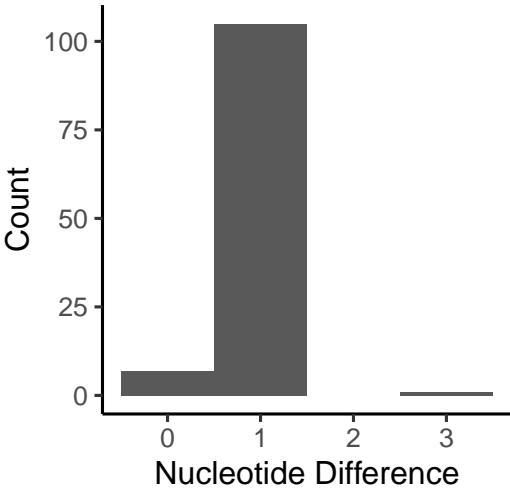
TRBV6-23*ap01

5389 sequences assigned
5337 (99%) exact matches, in which:
5199 unique CDR3
13 unique J



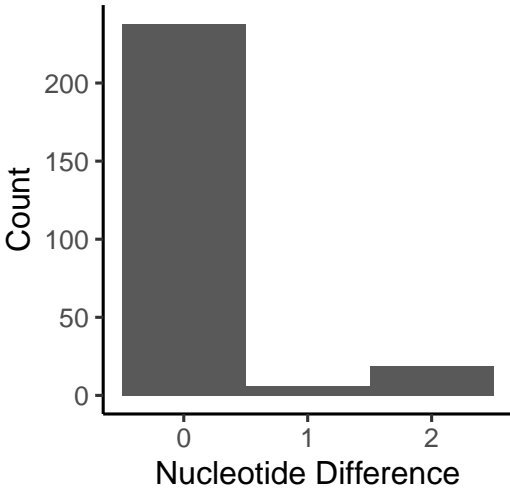
TRBV7-1*ap01_T296C

113 sequences assigned
7 (6.2%) exact matches, in which:
7 unique CDR3
4 unique J



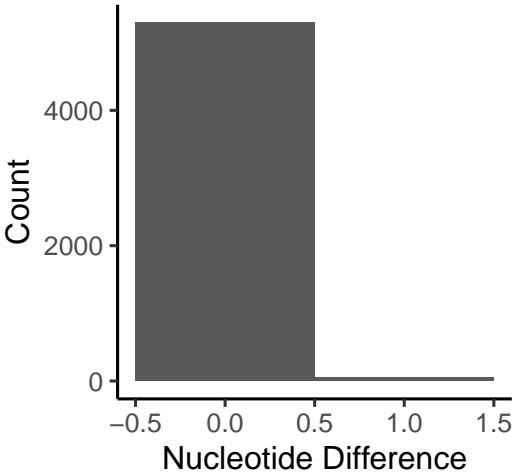
TRBV7-4*ap01

263 sequences assigned
238 (90.5%) exact matches, in which:
236 unique CDR3
13 unique J



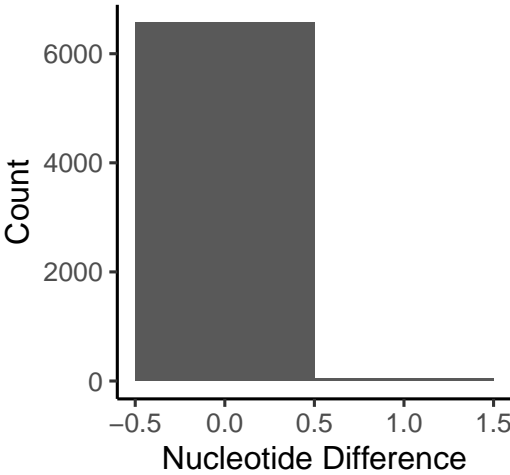
TRBV6-56*ap01

5346 sequences assigned
5295 (99%) exact matches, in which:
5187 unique CDR3
13 unique J



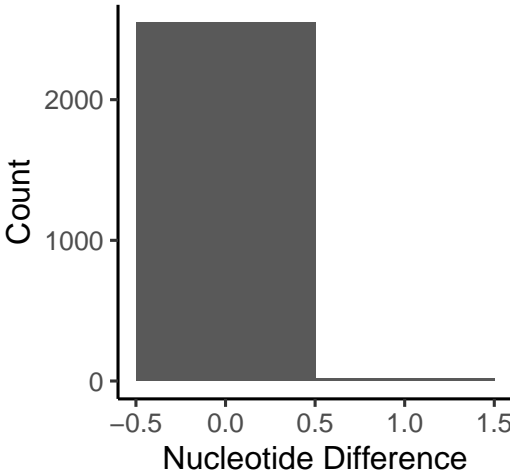
TRBV7-2*ap01

6617 sequences assigned
6568 (99.3%) exact matches, in which:
6505 unique CDR3
13 unique J



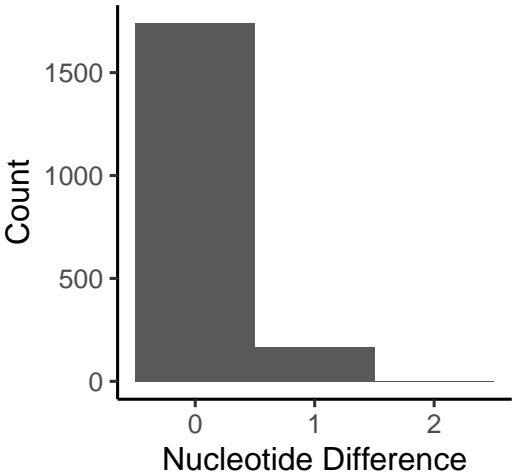
TRBV7-6*ap01

2563 sequences assigned
2547 (99.4%) exact matches, in which:
2525 unique CDR3
13 unique J



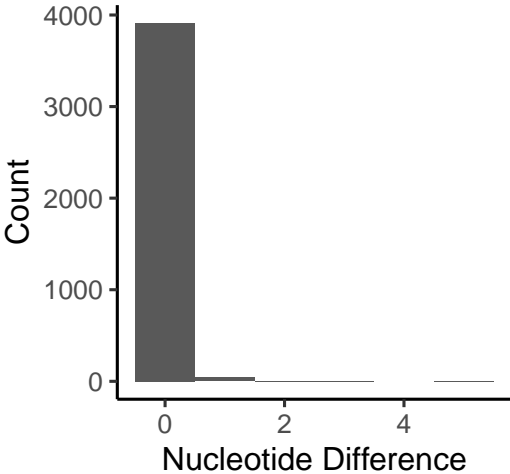
TRBV6-56*ap02

1911 sequences assigned
1741 (91.1%) exact matches, in which:
1700 unique CDR3
13 unique J



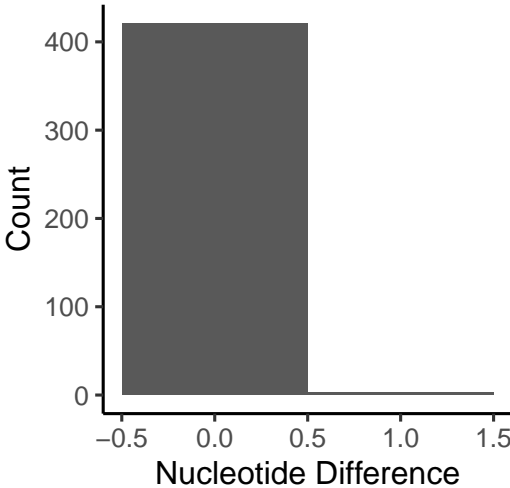
TRBV7-3*ap01

3961 sequences assigned
3912 (98.8%) exact matches, in which:
3871 unique CDR3
13 unique J



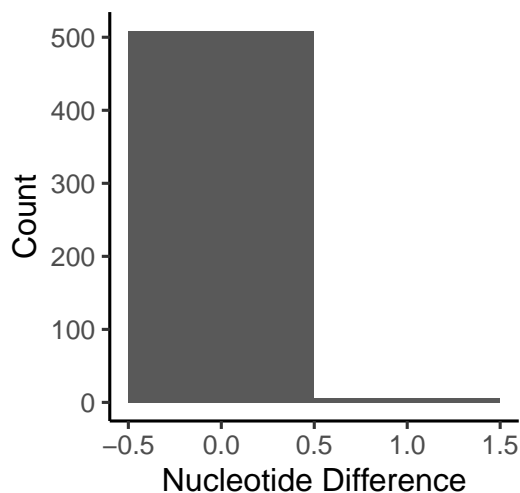
TRBV7-7*ap01

424 sequences assigned
421 (99.3%) exact matches, in which:
416 unique CDR3
13 unique J



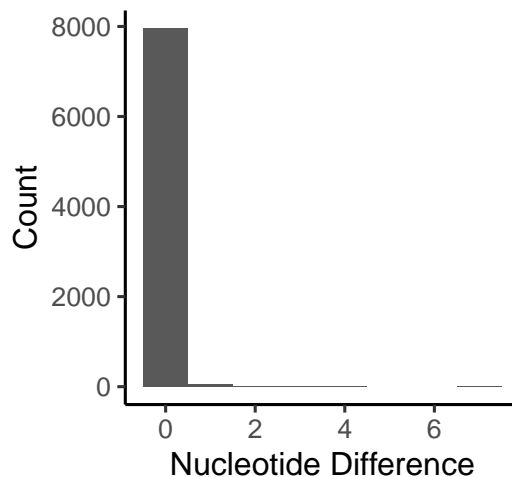
TRBV7-7*ap01_C315T

515 sequences assigned
509 (98.8%) exact matches, in which:
503 unique CDR3
13 unique J



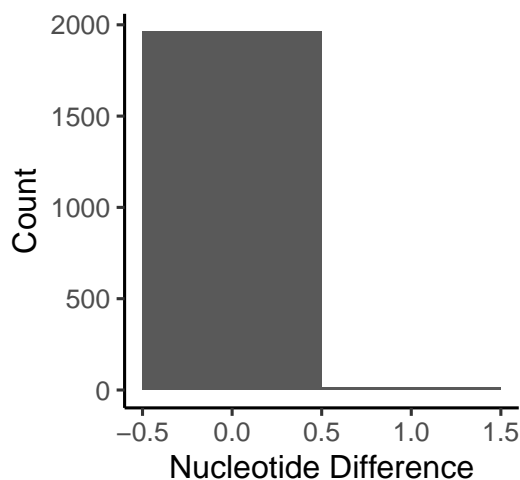
TRBV7-9*ap01

8024 sequences assigned
7957 (99.2%) exact matches, in which:
7867 unique CDR3
13 unique J



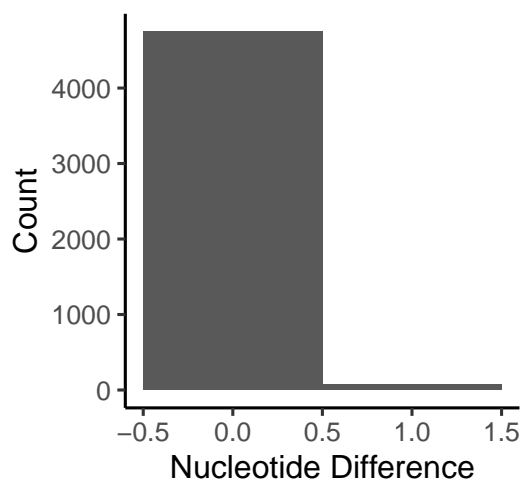
TRBV7-8*ap01

1974 sequences assigned
1962 (99.4%) exact matches, in which:
1939 unique CDR3
13 unique J



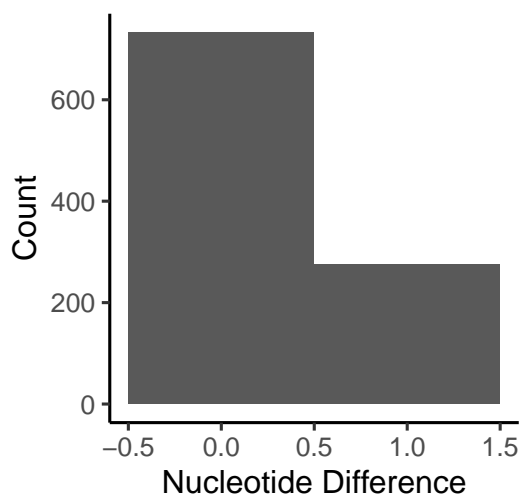
TRBV29-1*ap01

4816 sequences assigned
4746 (98.5%) exact matches, in which:
4633 unique CDR3
13 unique J



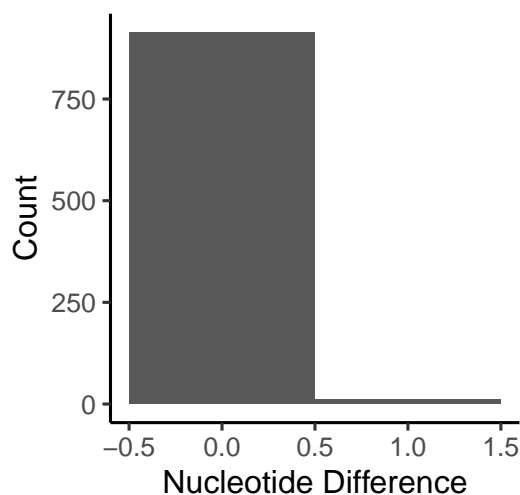
TRBV7-8*ap03

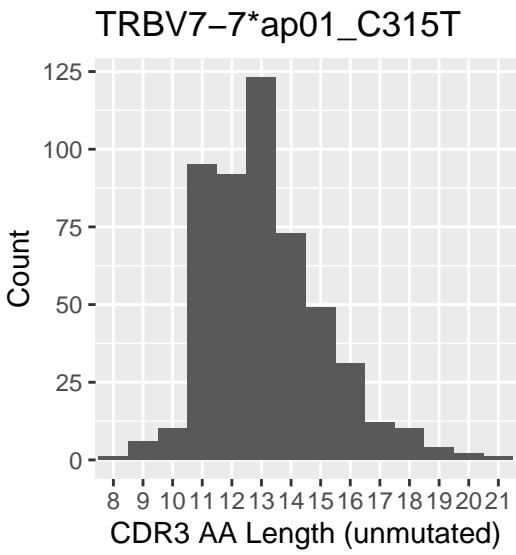
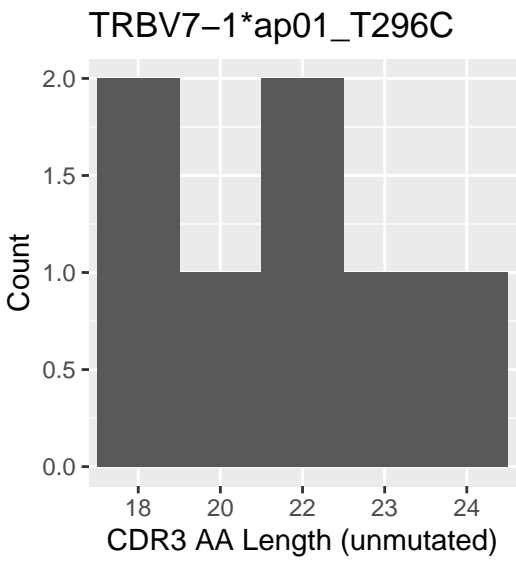
1008 sequences assigned
733 (72.7%) exact matches, in which:
718 unique CDR3
13 unique J



TRBV29-1*ap02

925 sequences assigned
914 (98.8%) exact matches, in which:
890 unique CDR3
13 unique J







Warning – no inferred sequences found.