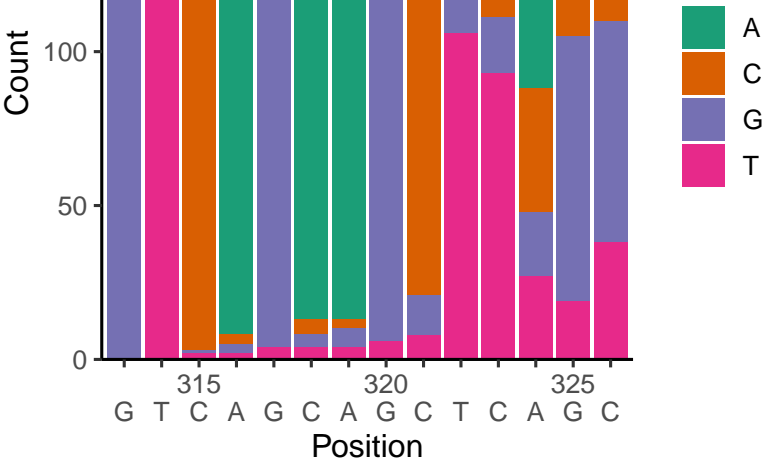
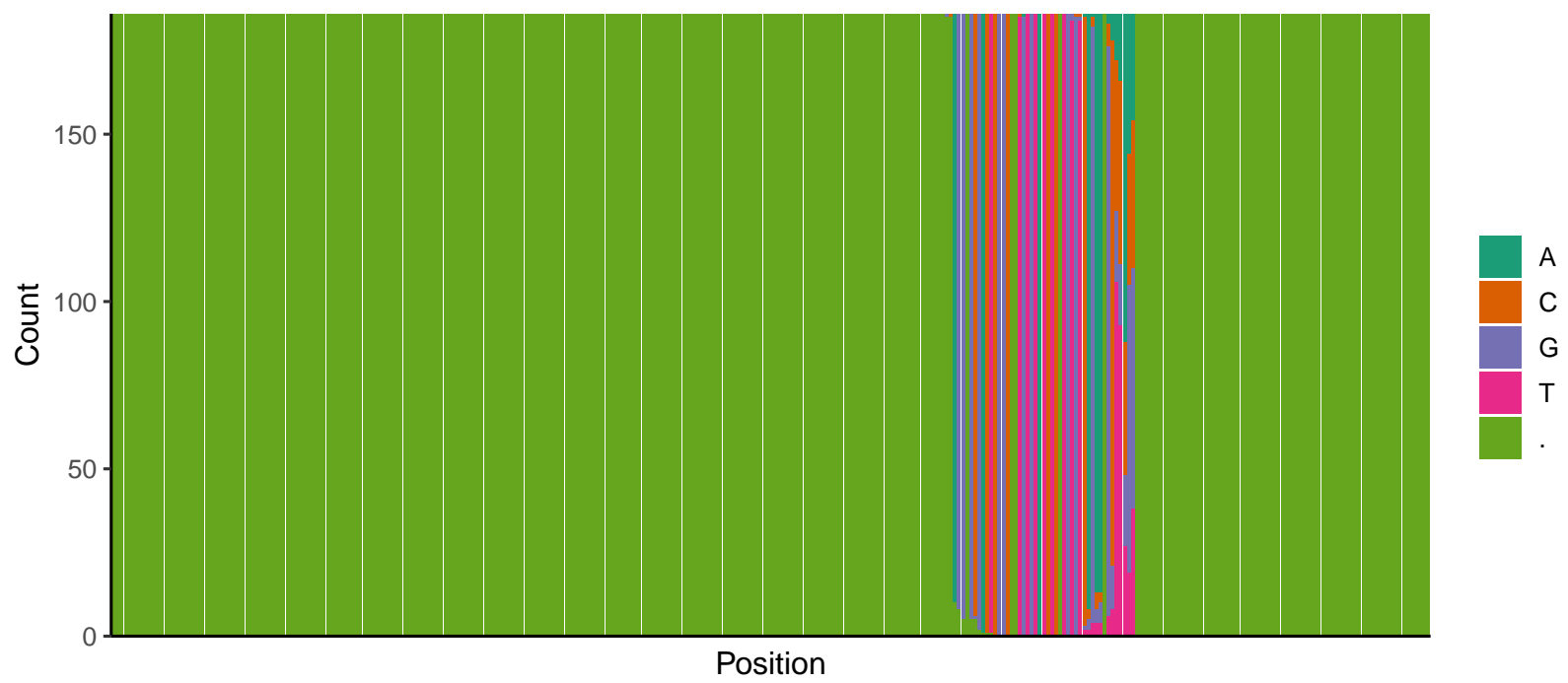


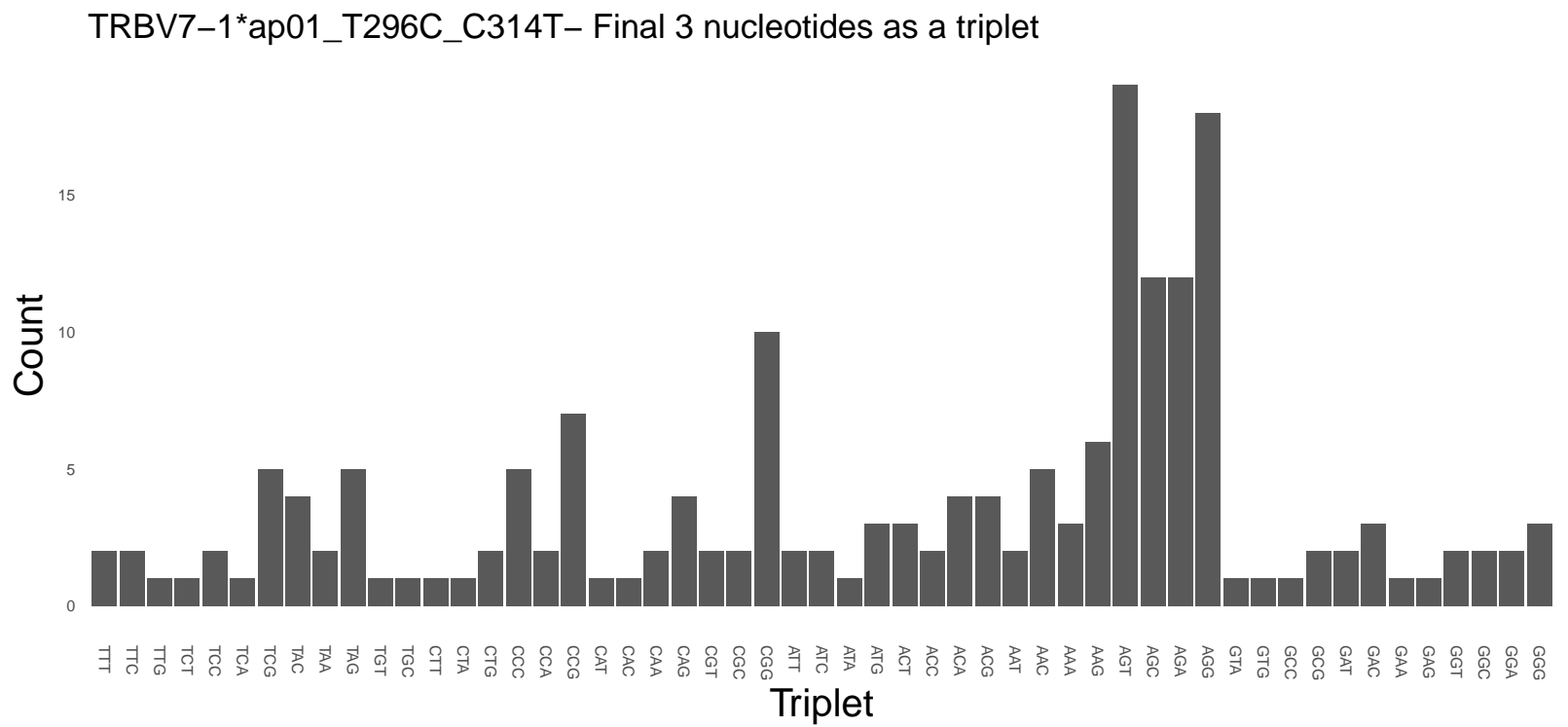
Gene TRBV7-1*ap01_T296C_C314T



Gene TRBV7-1*ap01_T296C_C314T

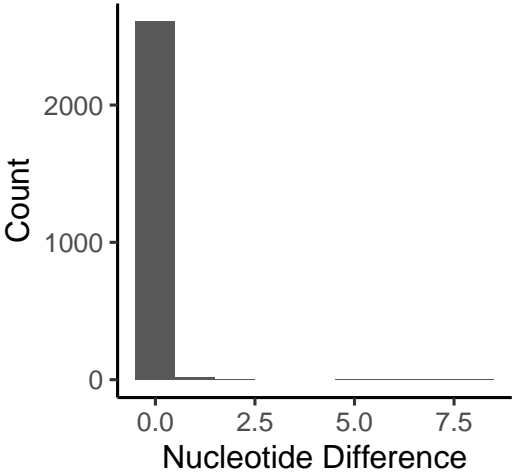


TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet



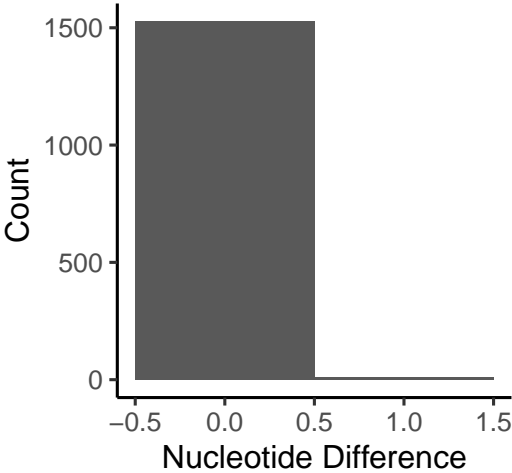
TRBV10-1*ap01

2633 sequences assigned
2609 (99.1%) exact matches, in which:
2569 unique CDR3
13 unique J



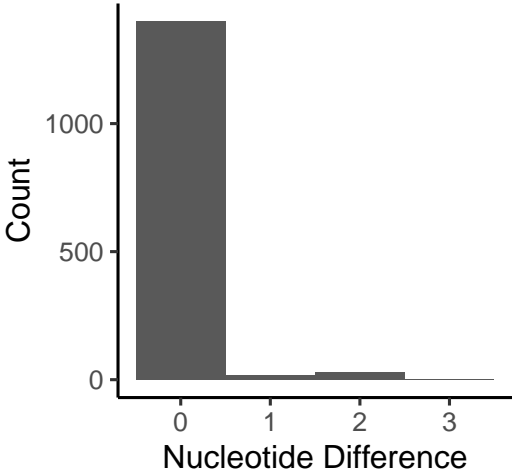
TRBV10-2*ap01

1536 sequences assigned
1527 (99.4%) exact matches, in which:
1504 unique CDR3
13 unique J



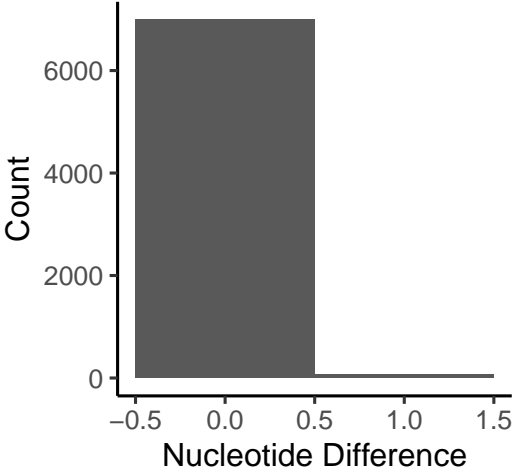
TRBV13*ap01

1448 sequences assigned
1399 (96.6%) exact matches, in which:
1372 unique CDR3
13 unique J



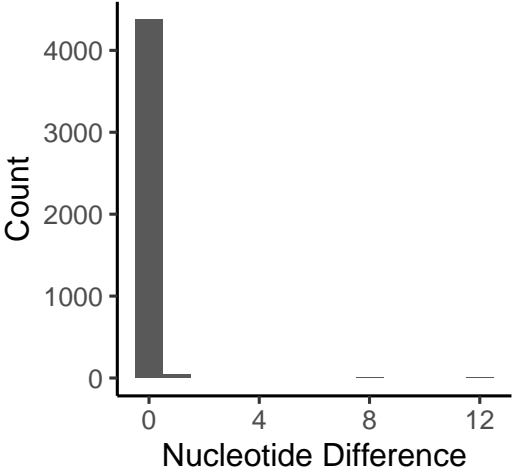
TRBV20-1*ap01

7070 sequences assigned
6992 (98.9%) exact matches, in which:
6911 unique CDR3
13 unique J



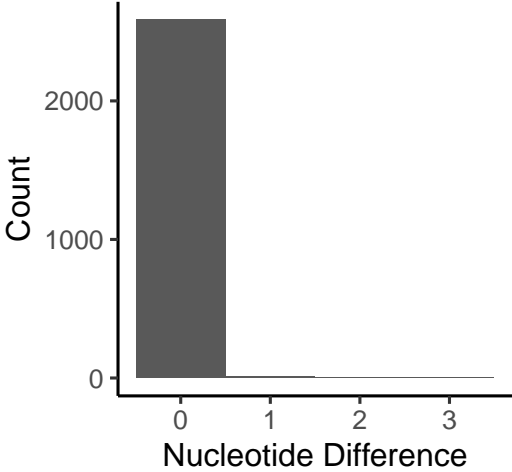
TRBV10-3*ap01

4422 sequences assigned
4374 (98.9%) exact matches, in which:
4306 unique CDR3
13 unique J



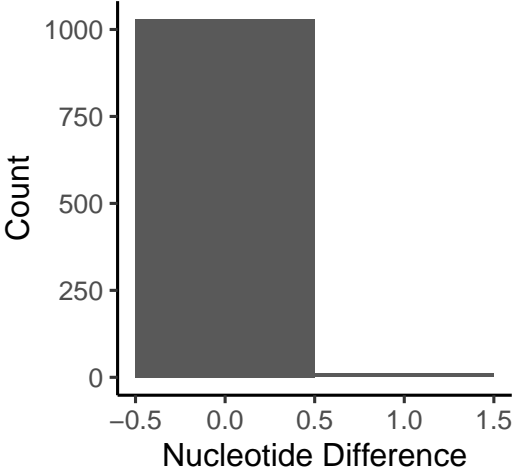
TRBV14*ap01

2598 sequences assigned
2586 (99.5%) exact matches, in which:
2559 unique CDR3
13 unique J



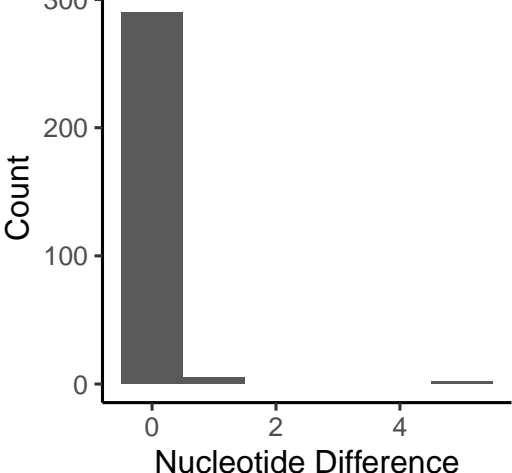
TRBV20-1*ap02

1041 sequences assigned
1030 (98.9%) exact matches, in which:
1017 unique CDR3
13 unique J



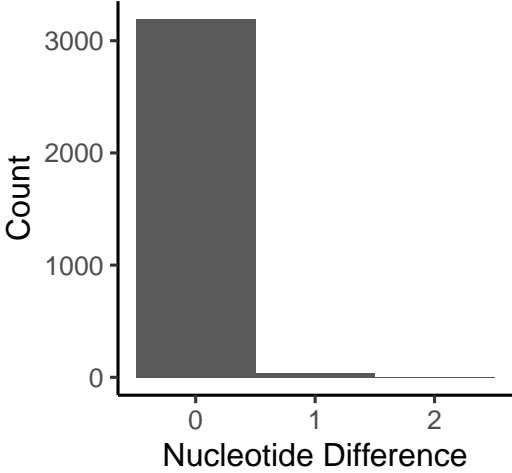
TRBV1*ap01

297 sequences assigned
290 (97.6%) exact matches, in which:
288 unique CDR3
13 unique J



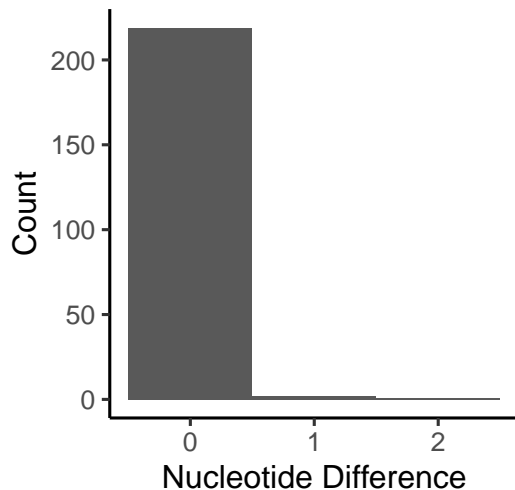
TRBV15*ap02

3235 sequences assigned
3193 (98.7%) exact matches, in which:
3141 unique CDR3
13 unique J



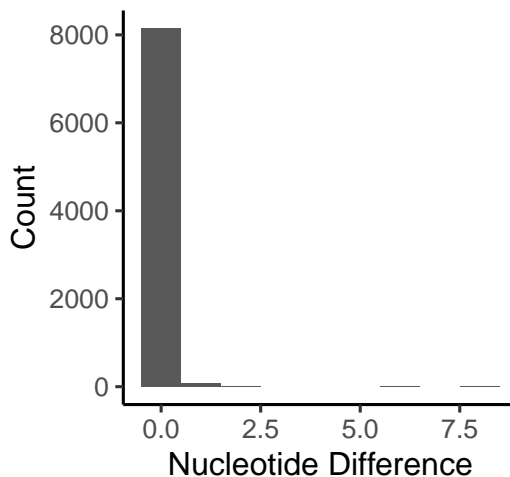
TRBV16*ap01

222 sequences assigned
219 (98.6%) exact matches, in which:
217 unique CDR3
12 unique J



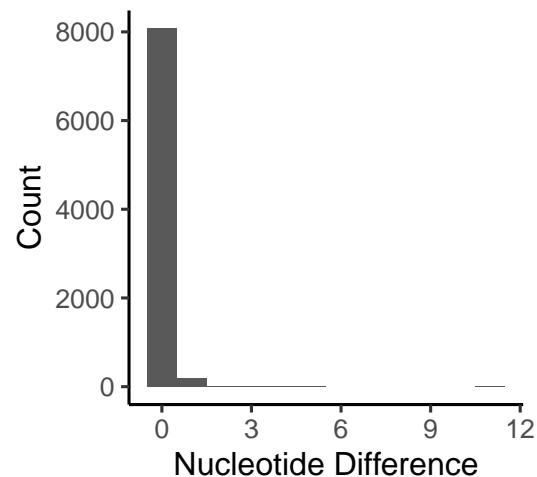
TRBV2*ap01

8235 sequences assigned
8147 (98.9%) exact matches, in which:
8011 unique CDR3
13 unique J



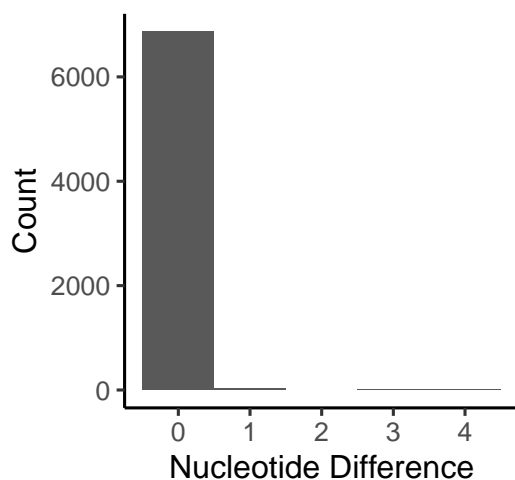
TRBV30*ap01

8282 sequences assigned
8078 (97.5%) exact matches, in which:
7852 unique CDR3
13 unique J



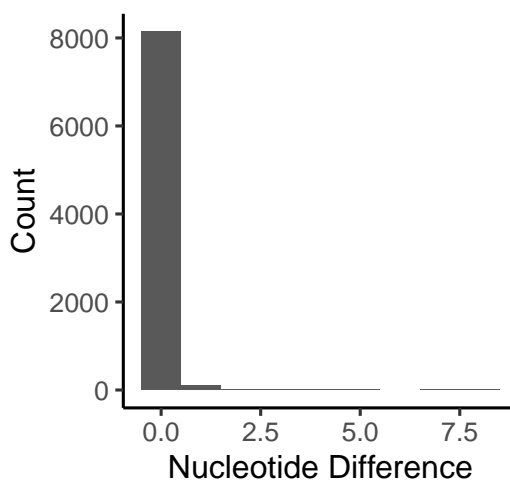
TRBV18*ap01

6896 sequences assigned
6865 (99.6%) exact matches, in which:
6823 unique CDR3
13 unique J



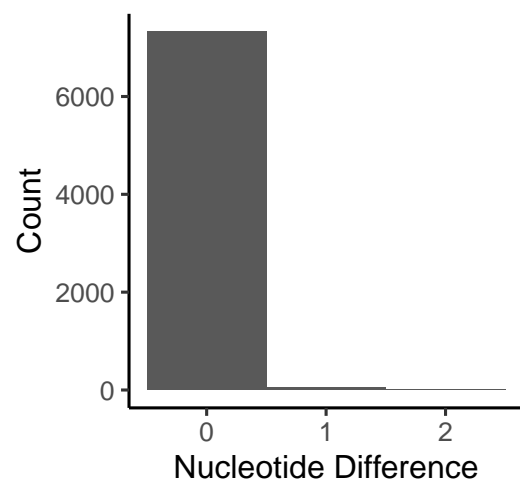
TRBV27*ap01

8255 sequences assigned
8141 (98.6%) exact matches, in which:
8031 unique CDR3
13 unique J



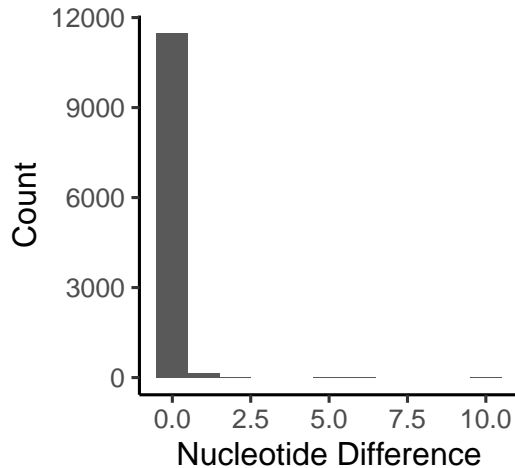
TRBV9*ap01

7373 sequences assigned
7324 (99.3%) exact matches, in which:
7263 unique CDR3
13 unique J



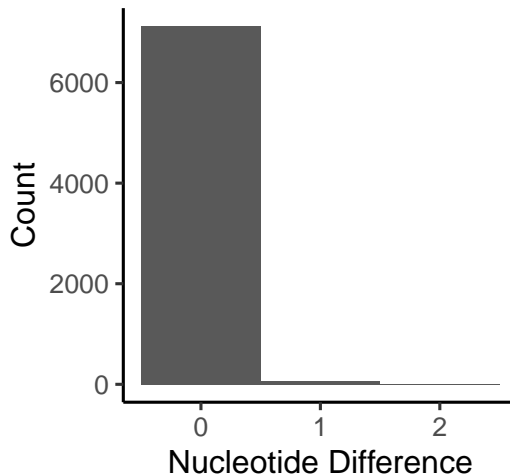
TRBV19*ap01

11637 sequences assigned
11493 (98.8%) exact matches, in which:
11395 unique CDR3
13 unique J



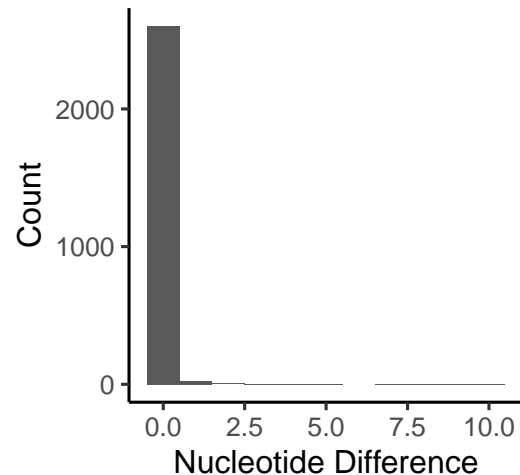
TRBV28*ap01

7194 sequences assigned
7124 (99%) exact matches, in which:
7040 unique CDR3
13 unique J



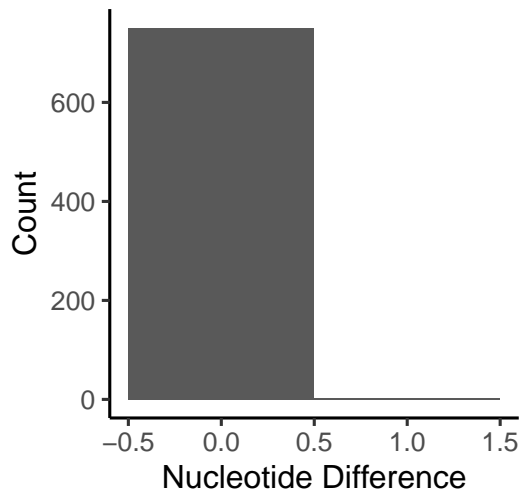
TRBV21-1*ap01

2645 sequences assigned
2602 (98.4%) exact matches, in which:
2583 unique CDR3
13 unique J



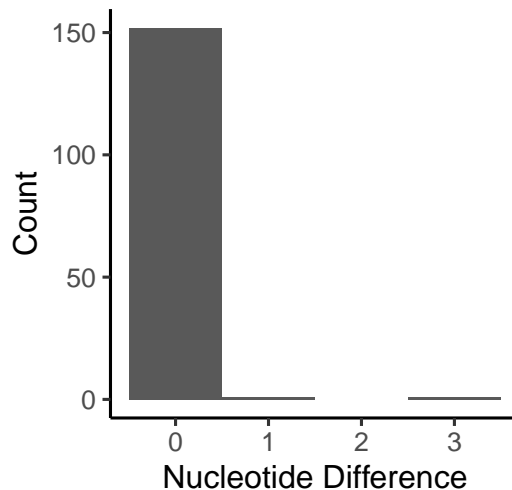
TRBV11-1*ap01

754 sequences assigned
751 (99.6%) exact matches, in which:
745 unique CDR3
13 unique J



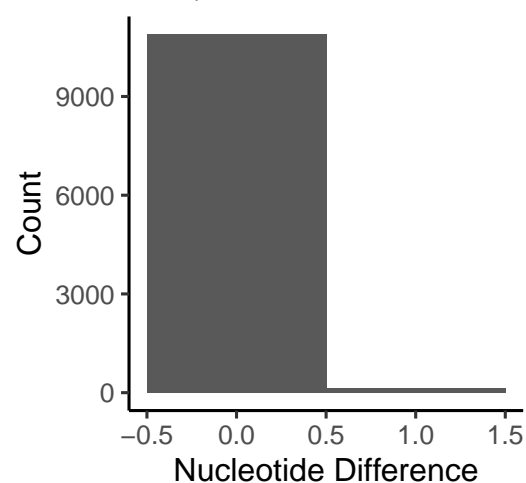
TRBV12-1*ap01

154 sequences assigned
152 (98.7%) exact matches, in which:
152 unique CDR3
13 unique J



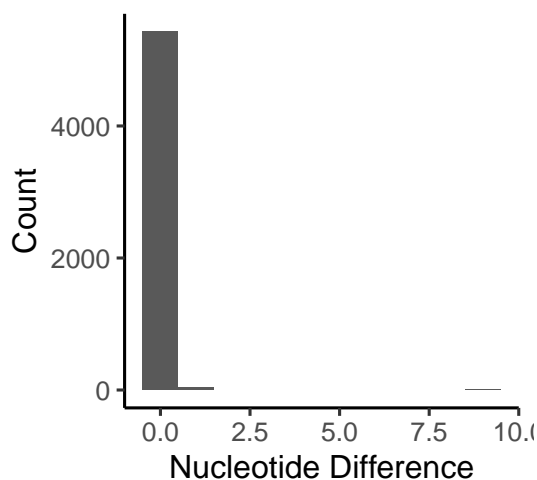
TRBV12-34*ap01

11014 sequences assigned
10886 (98.8%) exact matches, in which:
10716 unique CDR3
13 unique J



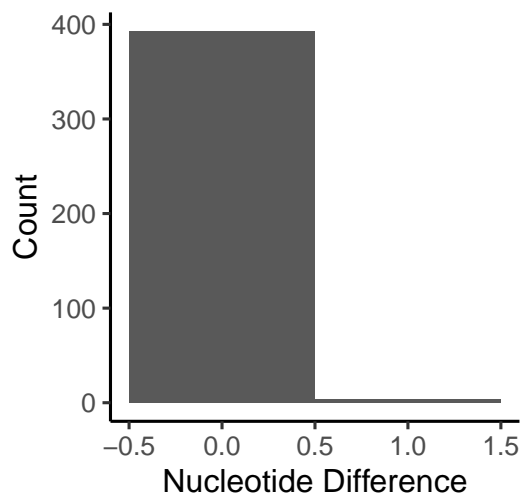
TRBV11-2*ap01

5464 sequences assigned
5428 (99.3%) exact matches, in which:
5392 unique CDR3
13 unique J



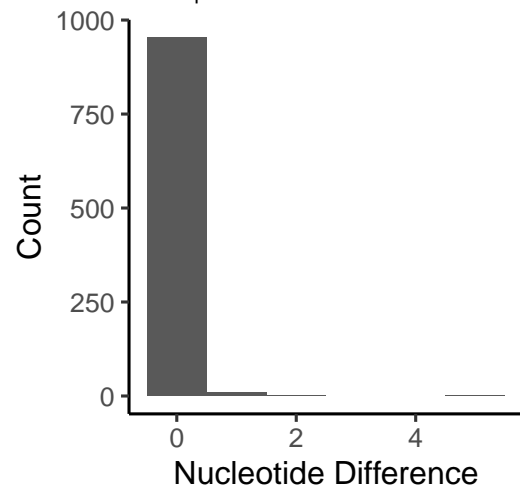
TRBV12-2*ap01

397 sequences assigned
393 (99%) exact matches, in which:
391 unique CDR3
13 unique J



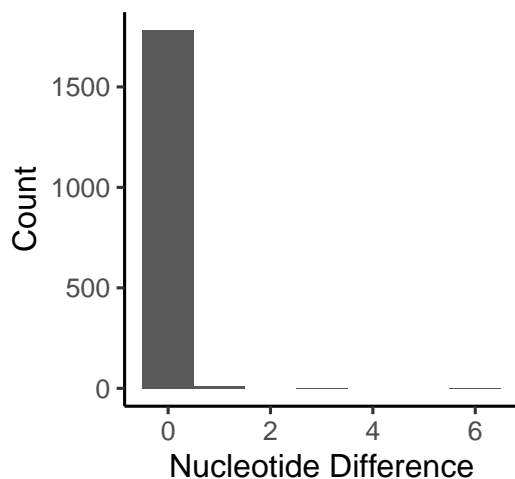
TRBV23-1*ap01

965 sequences assigned
953 (98.8%) exact matches, in which:
946 unique CDR3
13 unique J



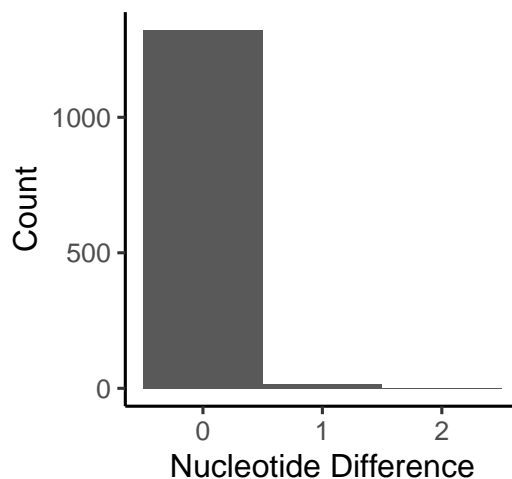
TRBV11-3*ap01

1796 sequences assigned
1783 (99.3%) exact matches, in which:
1771 unique CDR3
13 unique J



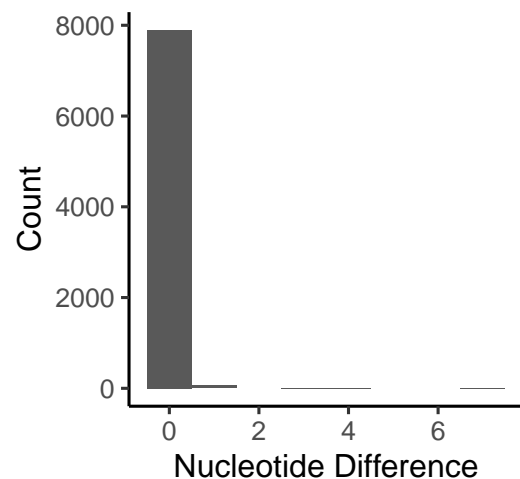
TRBV12-5*ap01

1339 sequences assigned
1322 (98.7%) exact matches, in which:
1306 unique CDR3
13 unique J



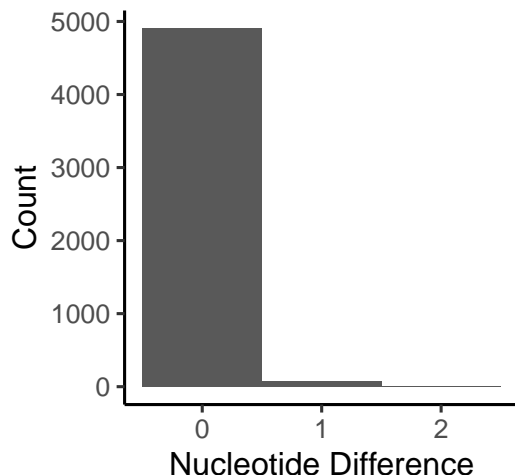
TRBV3-12*ap01

7963 sequences assigned
7895 (99.1%) exact matches, in which:
7838 unique CDR3
13 unique J



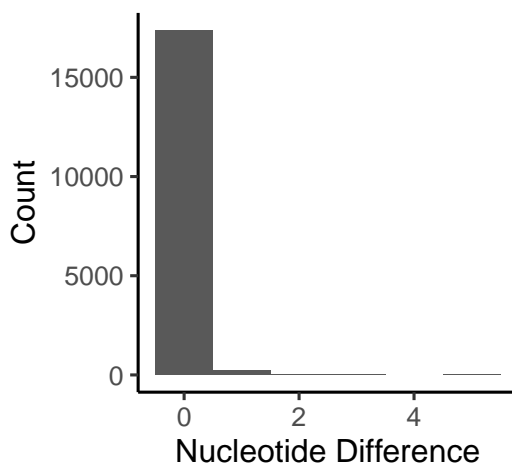
TRBV4-1*ap01

4975 sequences assigned
4905 (98.6%) exact matches, in which:
4797 unique CDR3
13 unique J



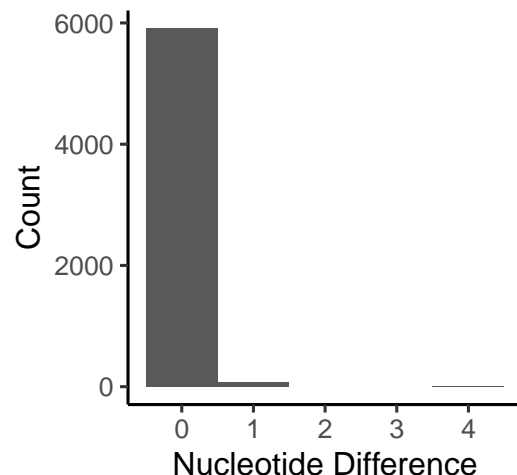
TRBV5-1*ap01

17593 sequences assigned
17380 (98.8%) exact matches, in which:
17025 unique CDR3
13 unique J



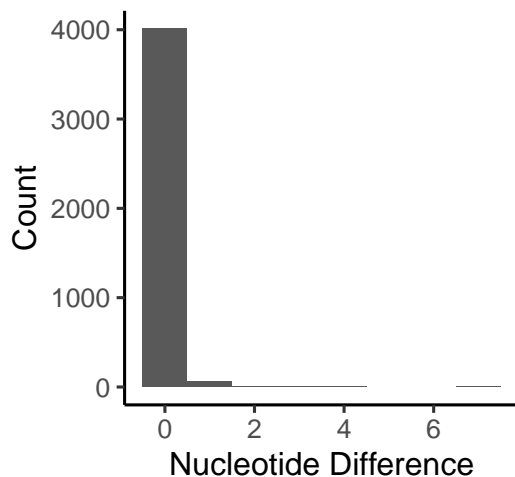
TRBV5-4*ap01

5987 sequences assigned
5910 (98.7%) exact matches, in which:
5802 unique CDR3
13 unique J



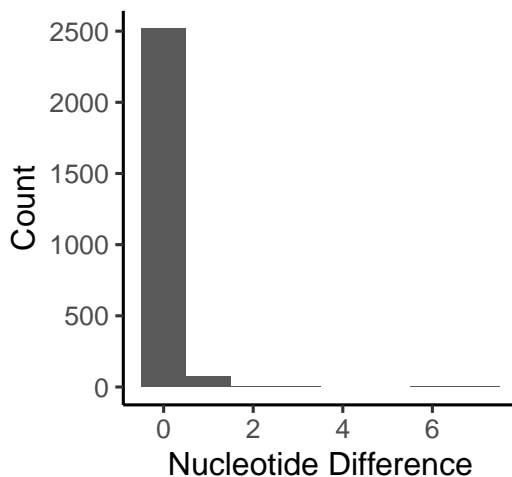
TRBV24-1*ap01

4081 sequences assigned
4011 (98.3%) exact matches, in which:
3948 unique CDR3
13 unique J



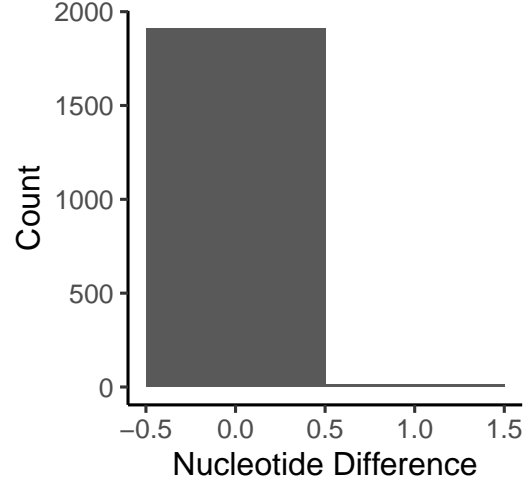
TRBV25-1*ap01

2593 sequences assigned
2517 (97.1%) exact matches, in which:
2456 unique CDR3
13 unique J



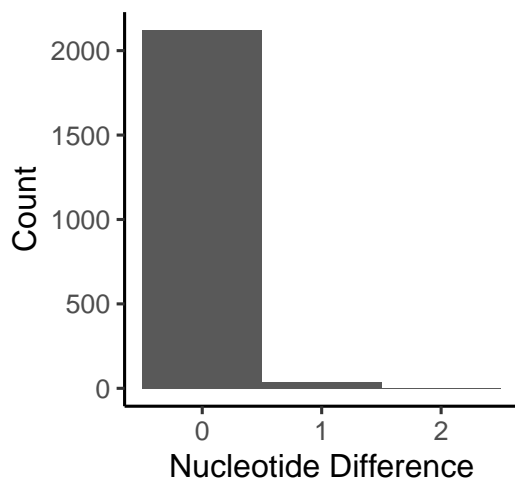
TRBV5-5*ap01

1921 sequences assigned
1909 (99.4%) exact matches, in which:
1892 unique CDR3
13 unique J



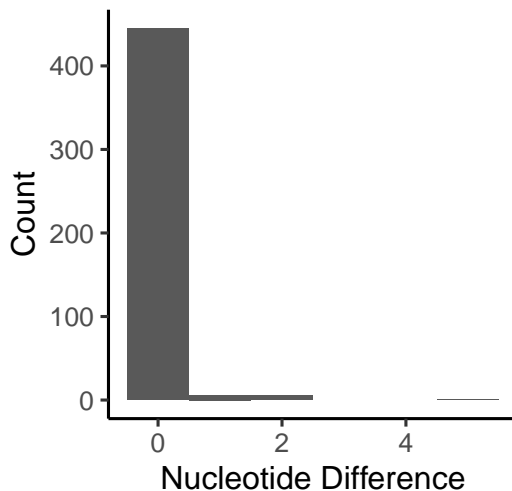
TRBV4-2*ap01

2159 sequences assigned
2122 (98.3%) exact matches, in which:
2097 unique CDR3
13 unique J



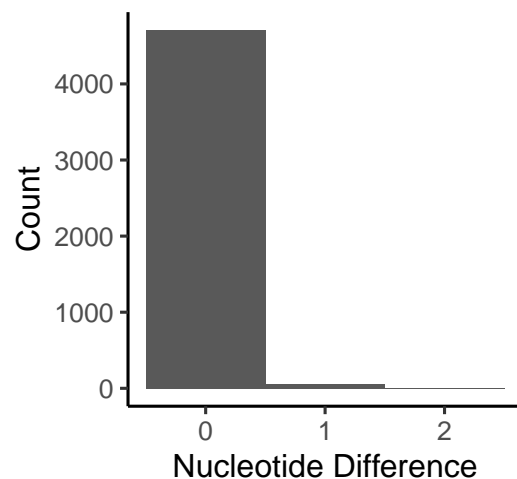
TRBV5-3*ap01

457 sequences assigned
445 (97.4%) exact matches, in which:
436 unique CDR3
13 unique J



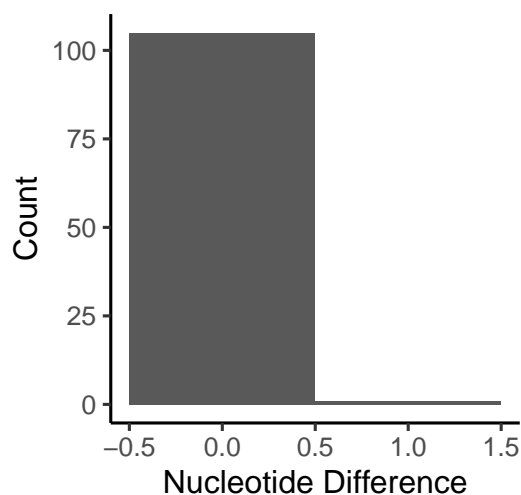
TRBV5-6*ap01

4769 sequences assigned
4708 (98.7%) exact matches, in which:
4565 unique CDR3
13 unique J



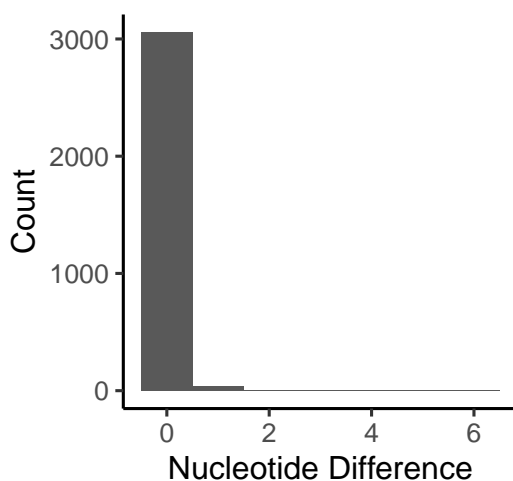
TRBV5-7*ap01

106 sequences assigned
105 (99.1%) exact matches, in which:
100 unique CDR3
11 unique J



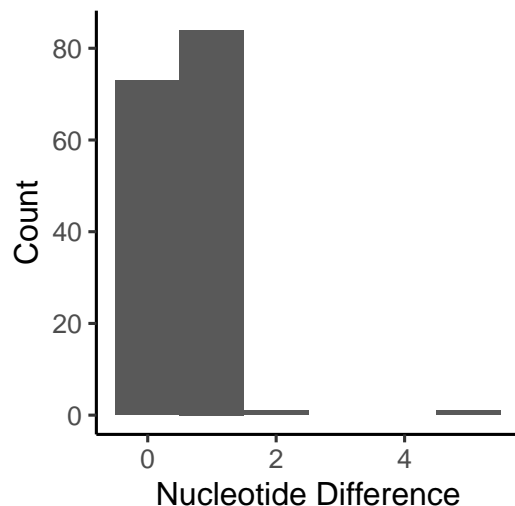
TRBV6-4*ap01

3100 sequences assigned
3056 (98.6%) exact matches, in which:
3024 unique CDR3
13 unique J



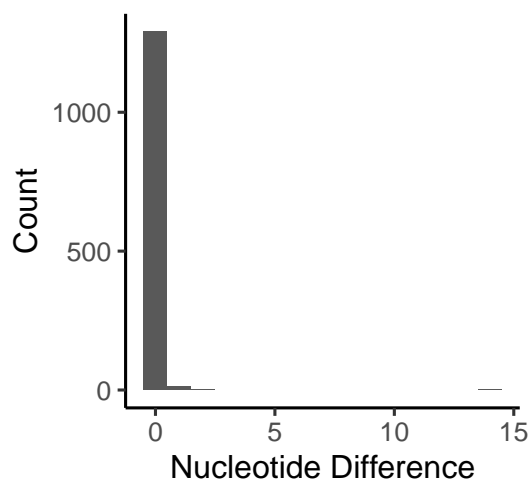
TRBV6-9*ap01

159 sequences assigned
73 (45.9%) exact matches, in which:
67 unique CDR3
13 unique J



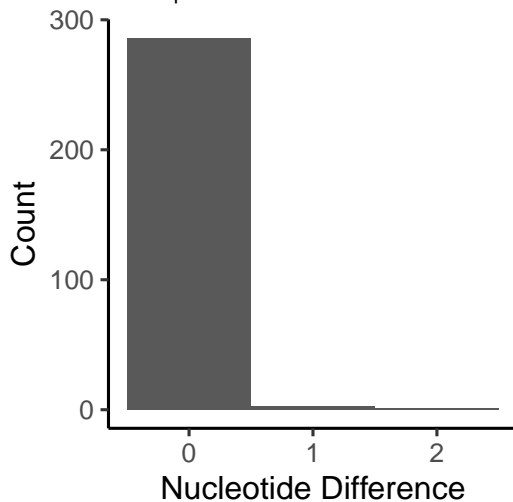
TRBV5-8*ap01

1305 sequences assigned
1290 (98.9%) exact matches, in which:
1275 unique CDR3
13 unique J



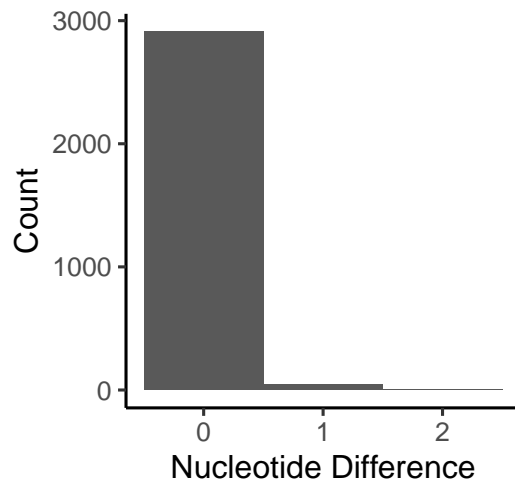
TRBV6-7*ap01

290 sequences assigned
286 (98.6%) exact matches, in which:
276 unique CDR3
13 unique J



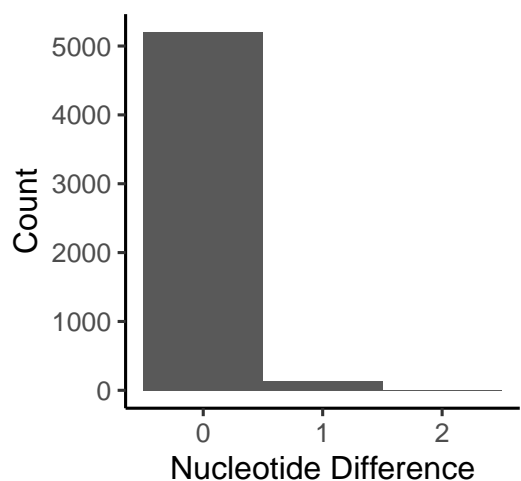
TRBV6-23*ap01

2958 sequences assigned
2910 (98.4%) exact matches, in which:
2843 unique CDR3
13 unique J



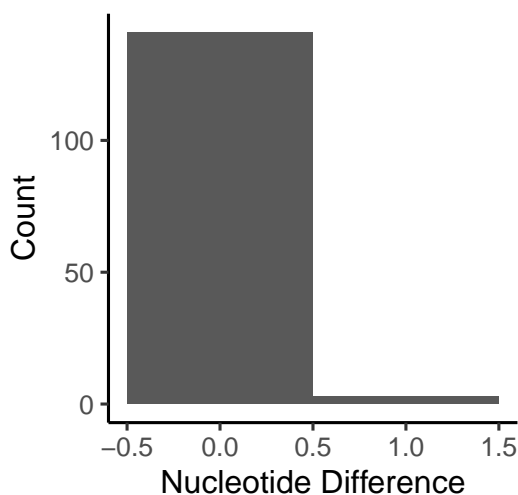
TRBV6-1*ap01

5342 sequences assigned
5203 (97.4%) exact matches, in which:
5084 unique CDR3
13 unique J



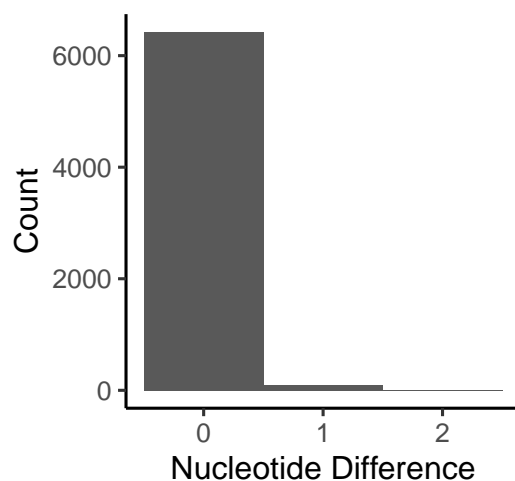
TRBV6-8*ap01

144 sequences assigned
141 (97.9%) exact matches, in which:
136 unique CDR3
13 unique J



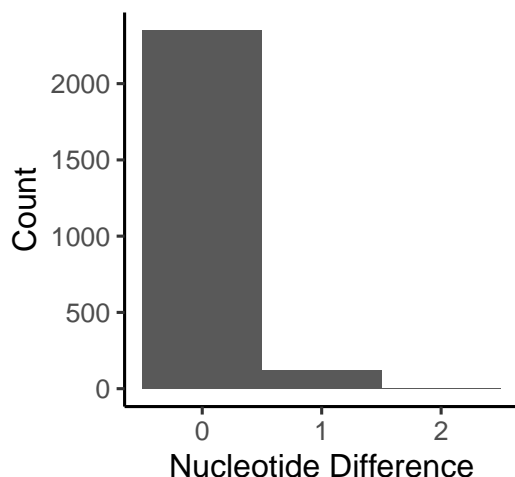
TRBV6-56*ap01

6518 sequences assigned
6423 (98.5%) exact matches, in which:
6269 unique CDR3
13 unique J



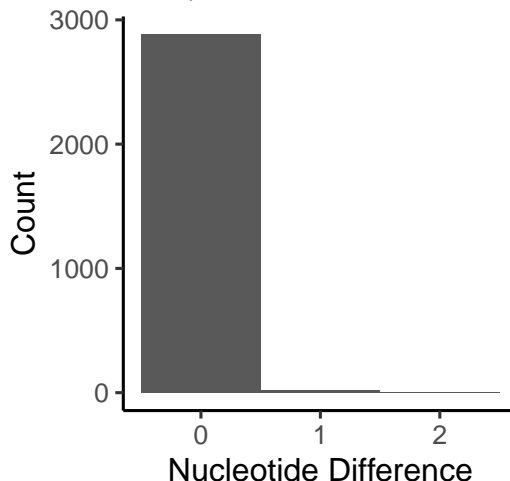
TRBV6-56*ap02

2472 sequences assigned
2349 (95%) exact matches, in which:
2293 unique CDR3
13 unique J



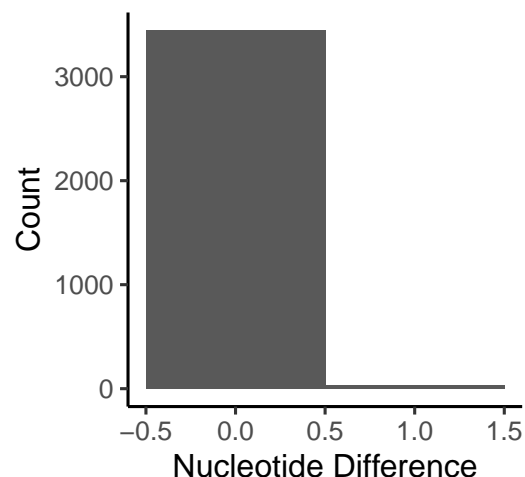
TRBV7-3*ap01

2908 sequences assigned
2883 (99.1%) exact matches, in which:
2848 unique CDR3
13 unique J



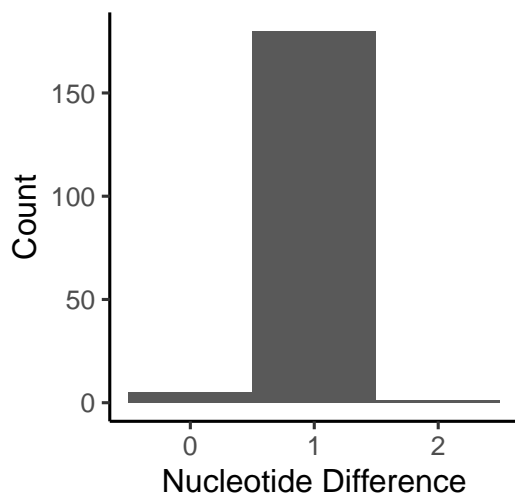
TRBV7-6*ap01

3479 sequences assigned
3445 (99%) exact matches, in which:
3394 unique CDR3
13 unique J



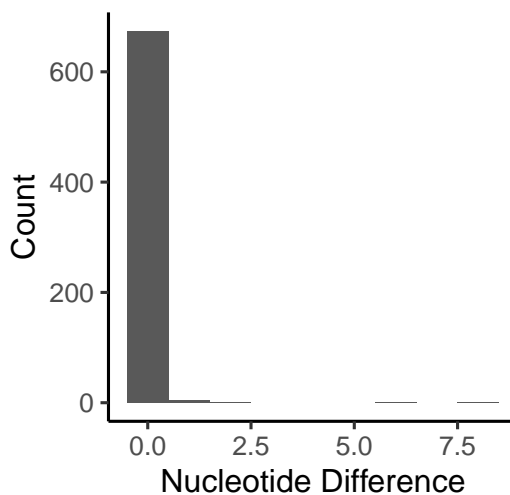
TRBV7-1*ap01_T296C_()

186 sequences assigned
5 (2.7%) exact matches, in which:
5 unique CDR3
4 unique J



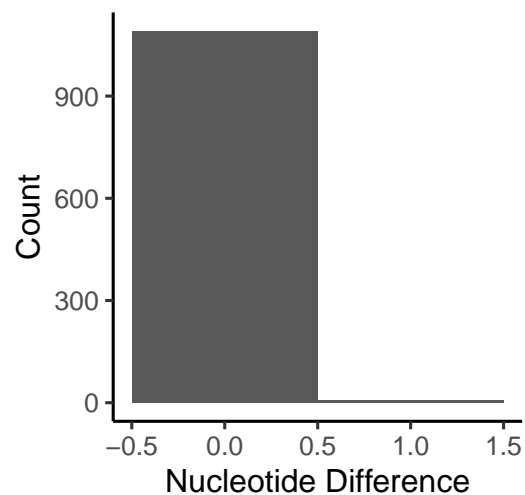
TRBV7-3*ap03

682 sequences assigned
674 (98.8%) exact matches, in which:
667 unique CDR3
13 unique J



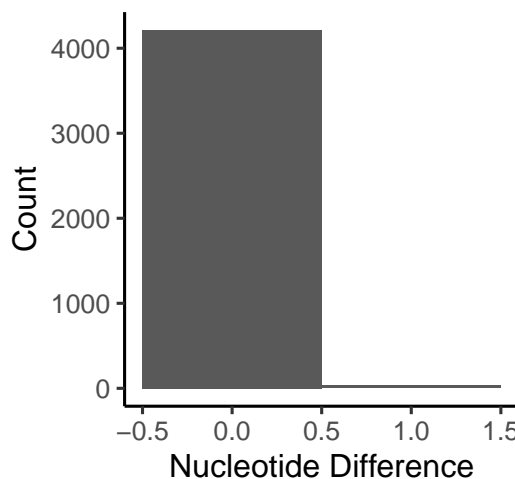
TRBV7-7*ap01

1098 sequences assigned
1091 (99.4%) exact matches, in which:
1061 unique CDR3
13 unique J



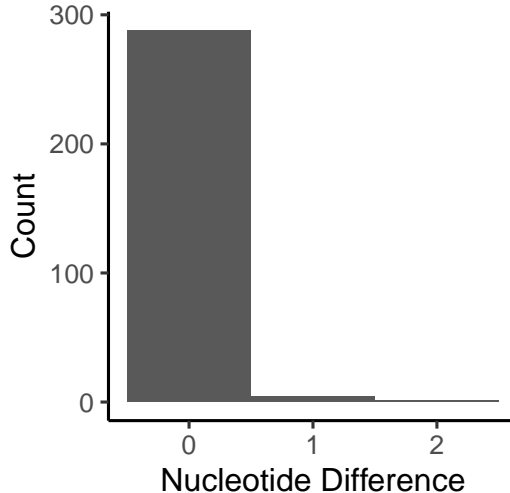
TRBV7-2*ap01

4248 sequences assigned
4214 (99.2%) exact matches, in which:
4166 unique CDR3
13 unique J



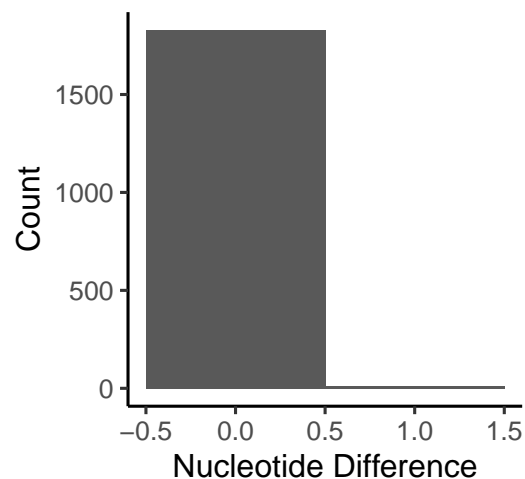
TRBV7-4*ap01

293 sequences assigned
288 (98.3%) exact matches, in which:
282 unique CDR3
13 unique J



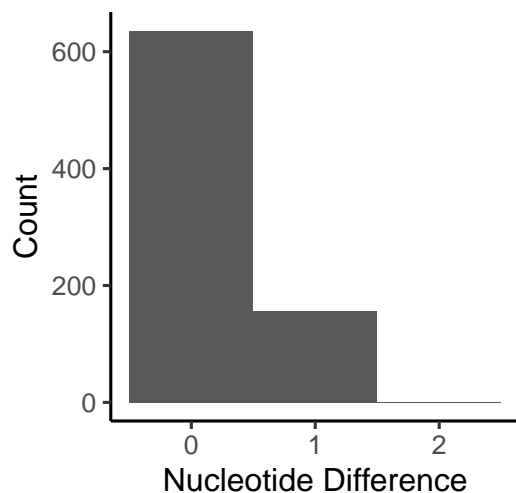
TRBV7-8*ap01

1841 sequences assigned
1829 (99.3%) exact matches, in which:
1806 unique CDR3
13 unique J



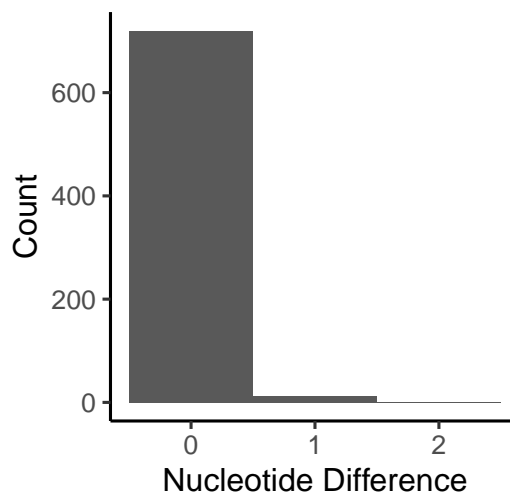
TRBV7–8*ap03

793 sequences assigned
636 (80.2%) exact matches, in which:
624 unique CDR3
13 unique J



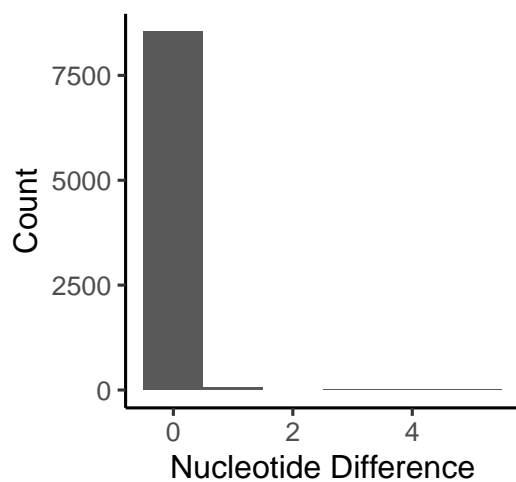
TRBV29–1*ap02

733 sequences assigned
720 (98.2%) exact matches, in which:
701 unique CDR3
13 unique J



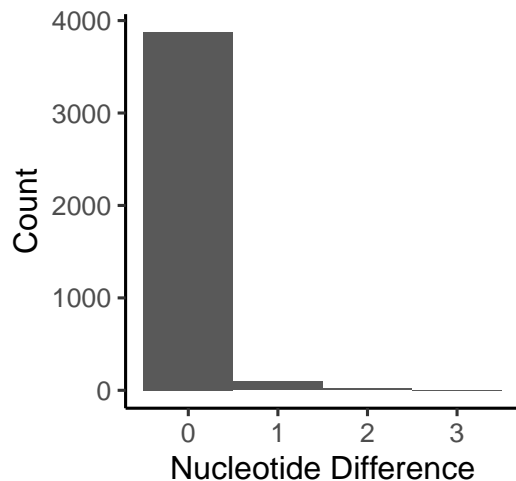
TRBV7–9*ap01

8611 sequences assigned
8541 (99.2%) exact matches, in which:
8417 unique CDR3
13 unique J

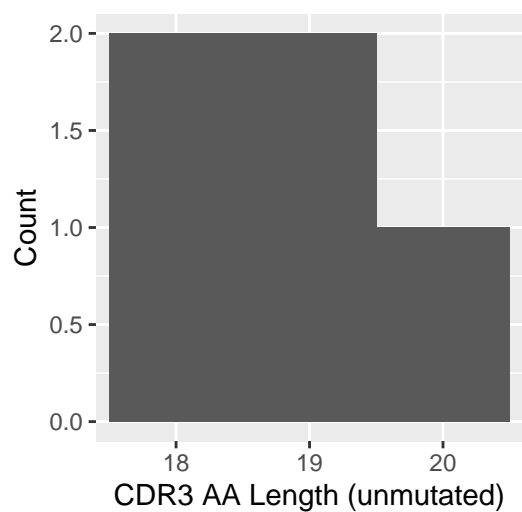


TRBV29–1*ap01

3993 sequences assigned
3876 (97.1%) exact matches, in which:
3765 unique CDR3
13 unique J



TRBV7-1*ap01_T296C_C314T





Warning – no inferred sequences found.

Warning – no inferred sequences found.