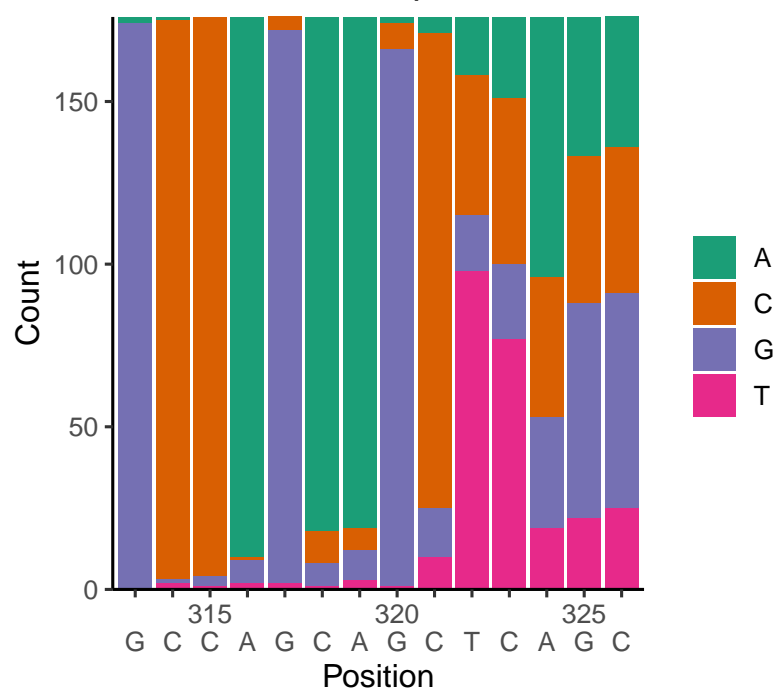
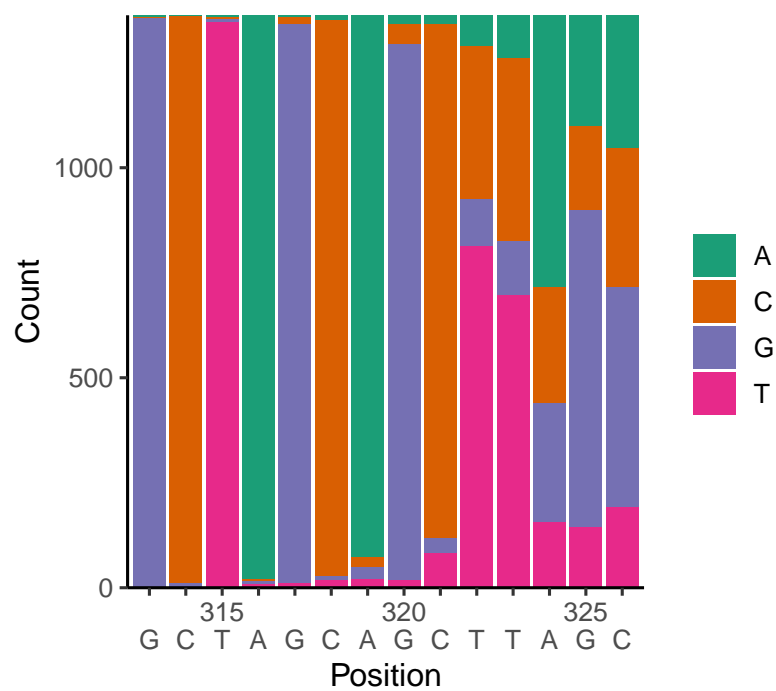


Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



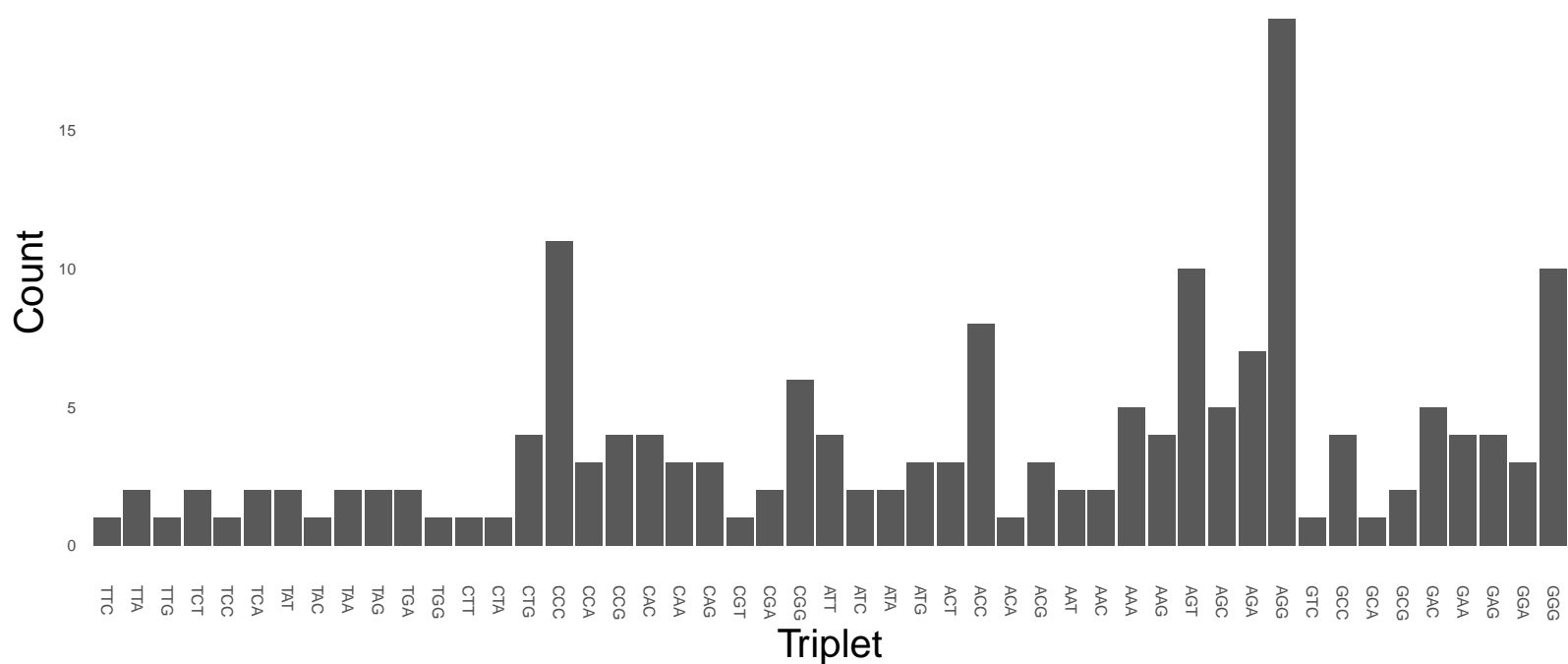
Gene TRBV7-1*ap01_G291C_T296C



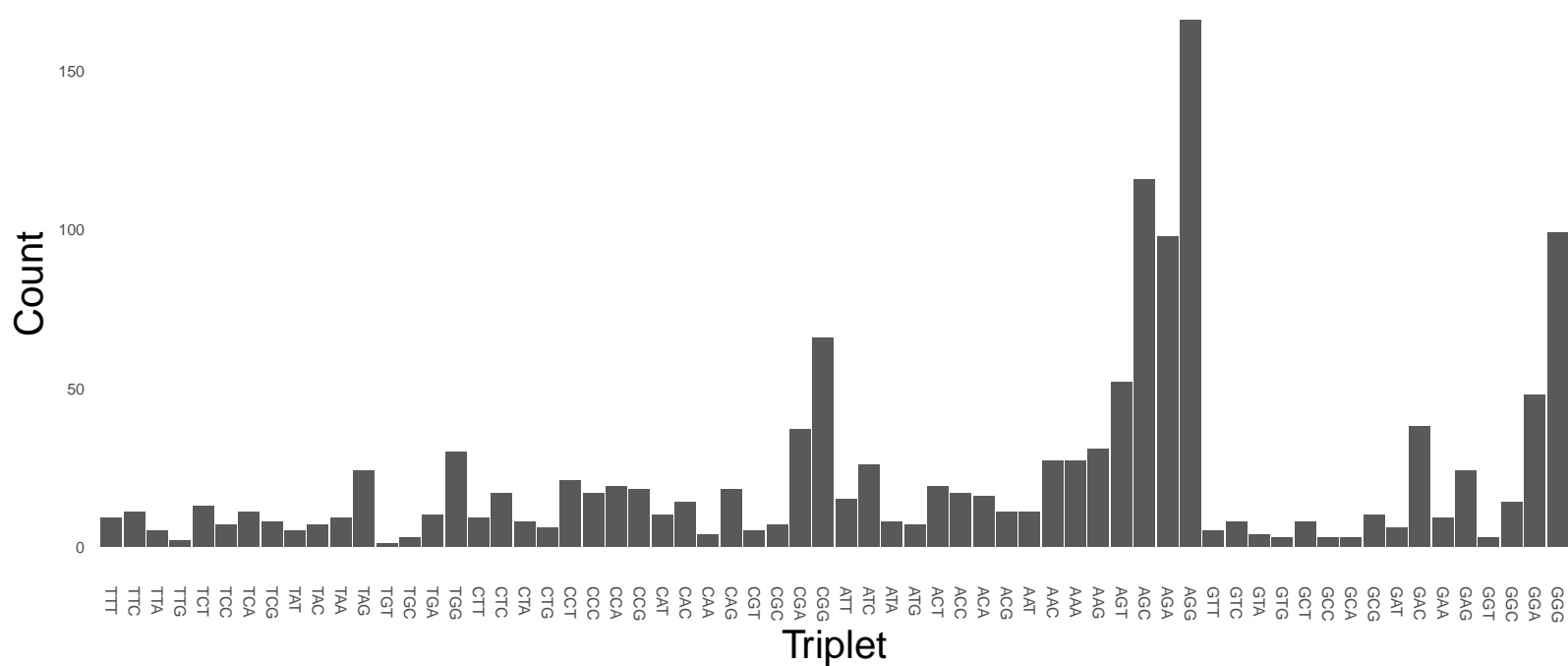
Gene TRBV7-7*ap01_C315T



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

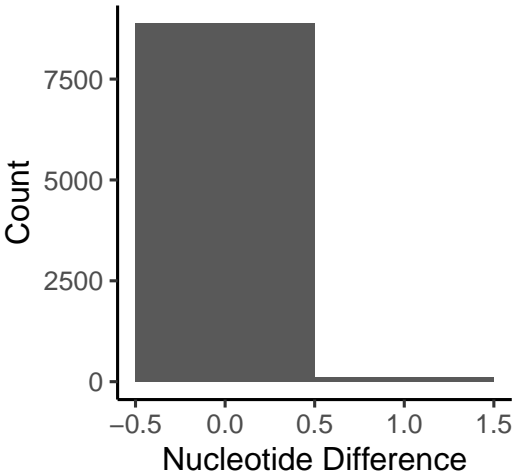


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



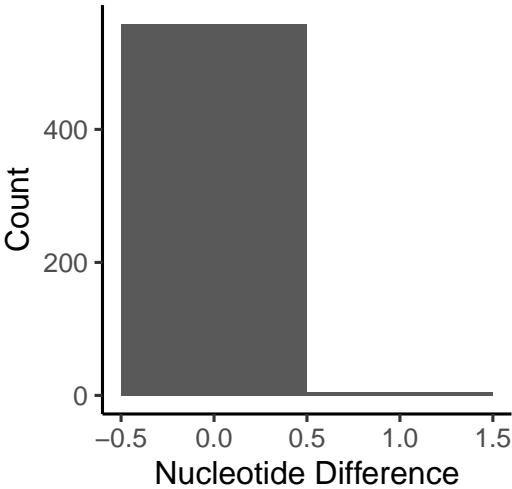
TRBV20-1*ap01

8981 sequences assigned
8880 (98.9%) exact matches, in which:
8778 unique CDR3
13 unique J



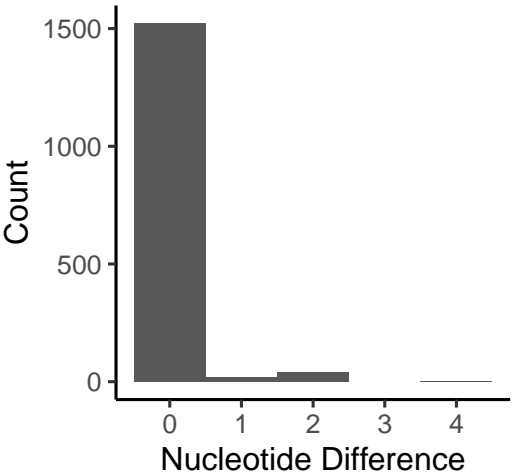
TRBV10-2*ap01

564 sequences assigned
559 (99.1%) exact matches, in which:
554 unique CDR3
13 unique J



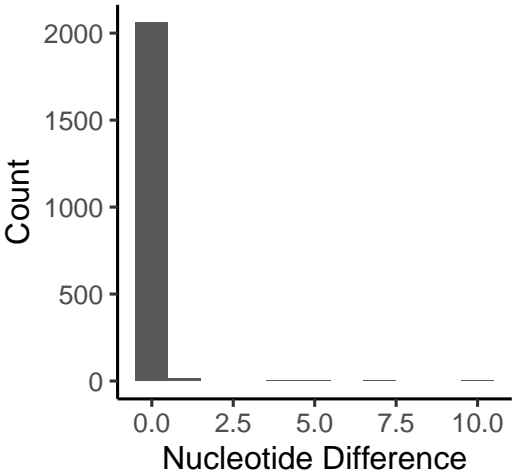
TRBV13*ap01

1583 sequences assigned
1522 (96.1%) exact matches, in which:
1494 unique CDR3
13 unique J



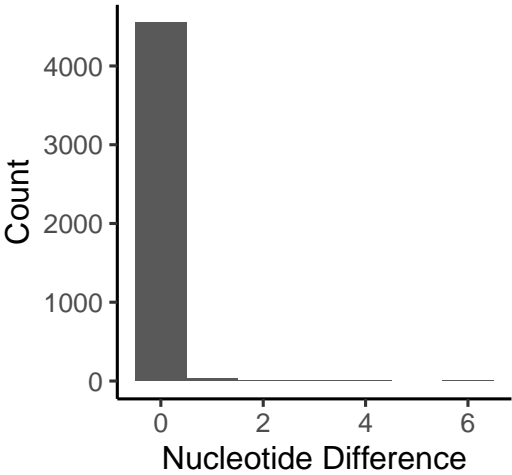
TRBV10-1*ap01

2084 sequences assigned
2060 (98.8%) exact matches, in which:
2029 unique CDR3
13 unique J



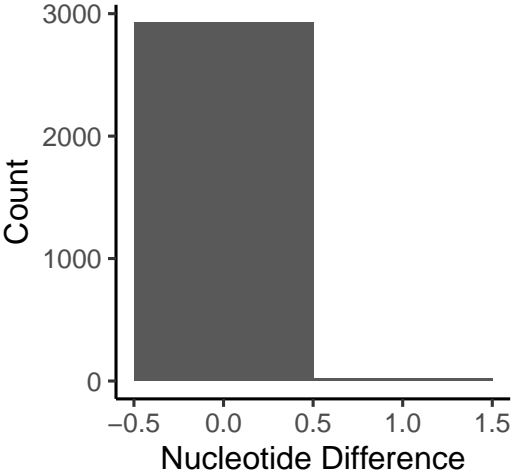
TRBV10-3*ap01

4596 sequences assigned
4549 (99%) exact matches, in which:
4468 unique CDR3
13 unique J



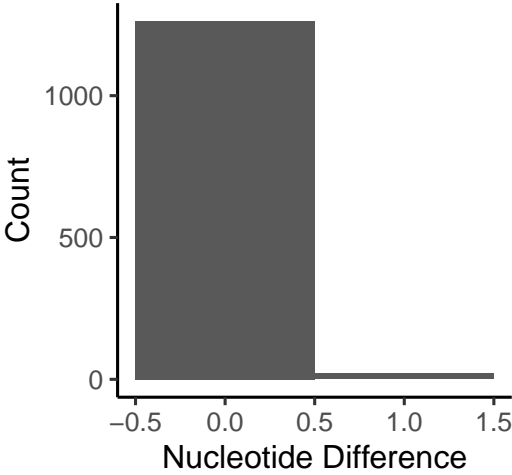
TRBV14*ap01

2949 sequences assigned
2926 (99.2%) exact matches, in which:
2881 unique CDR3
13 unique J



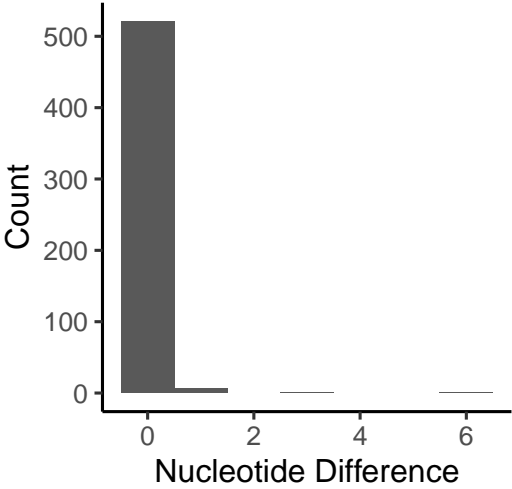
TRBV20-1*ap02

1284 sequences assigned
1263 (98.4%) exact matches, in which:
1249 unique CDR3
13 unique J



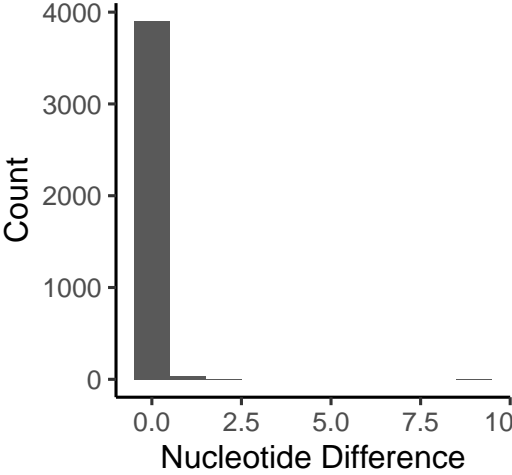
TRBV1*ap01

529 sequences assigned
521 (98.5%) exact matches, in which:
510 unique CDR3
13 unique J



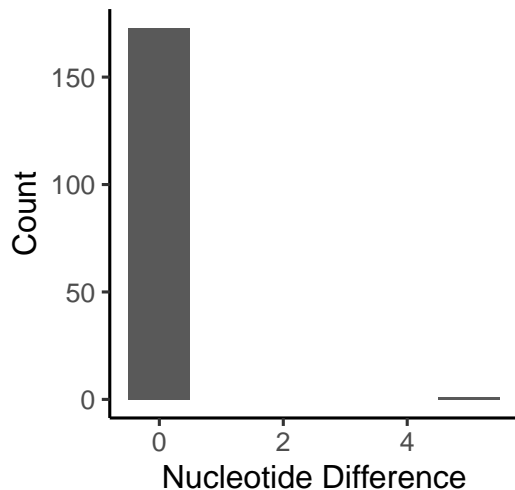
TRBV15*ap02

3944 sequences assigned
3903 (99%) exact matches, in which:
3825 unique CDR3
13 unique J



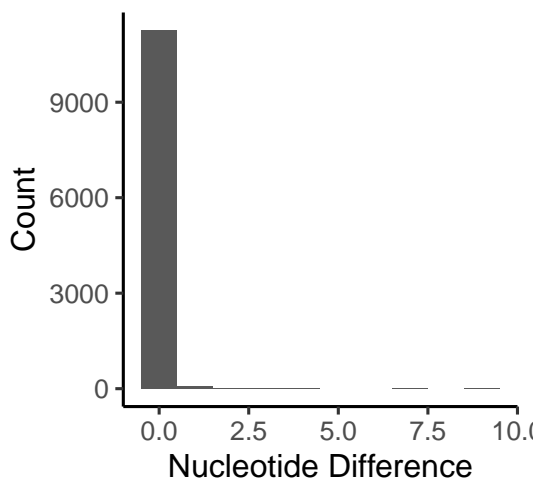
TRBV16*ap01

174 sequences assigned
173 (99.4%) exact matches, in which:
173 unique CDR3
12 unique J



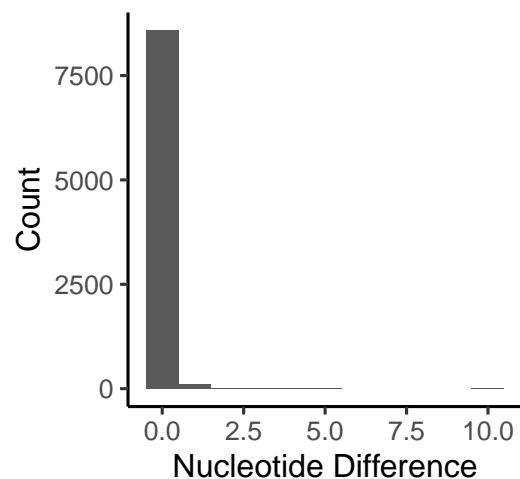
TRBV19*ap01

11346 sequences assigned
11256 (99.2%) exact matches, in which:
11177 unique CDR3
13 unique J



TRBV27*ap01

8702 sequences assigned
8582 (98.6%) exact matches, in which:
8415 unique CDR3
13 unique J



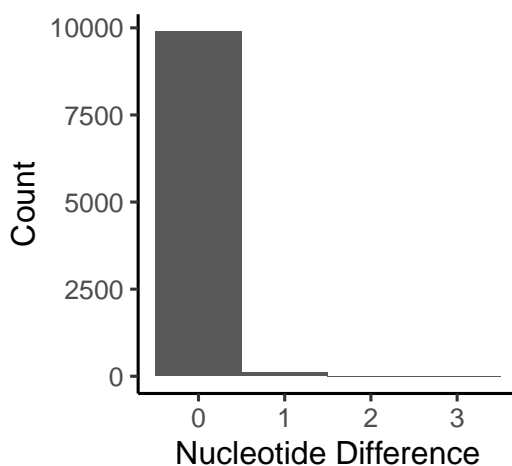
TRBV17*ap01

2 sequences assigned
No exact matches.



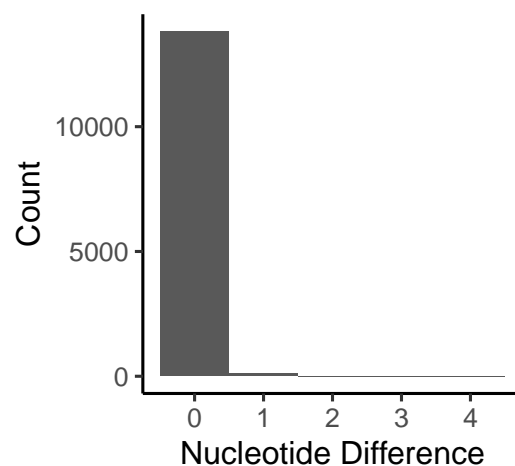
TRBV2*ap01

10008 sequences assigned
9896 (98.9%) exact matches, in which:
9726 unique CDR3
13 unique J



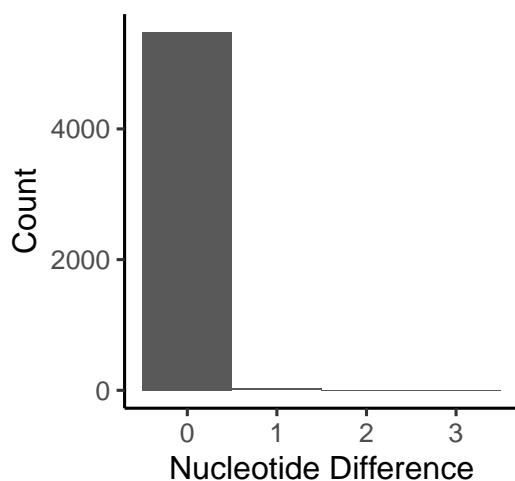
TRBV28*ap01

13929 sequences assigned
13815 (99.2%) exact matches, in which:
13671 unique CDR3
13 unique J



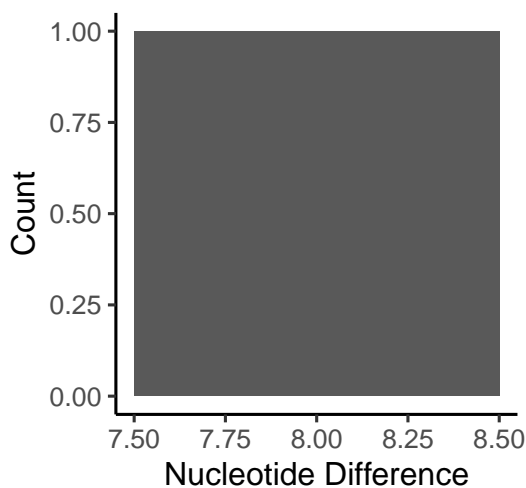
TRBV18*ap01

5510 sequences assigned
5482 (99.5%) exact matches, in which:
5446 unique CDR3
13 unique J



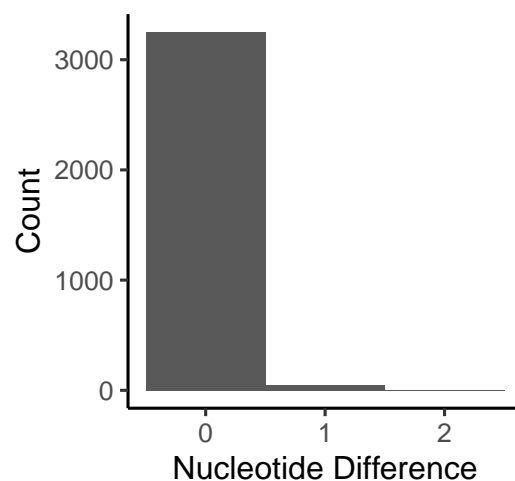
TRBV26*ap01

1 sequences assigned
No exact matches.



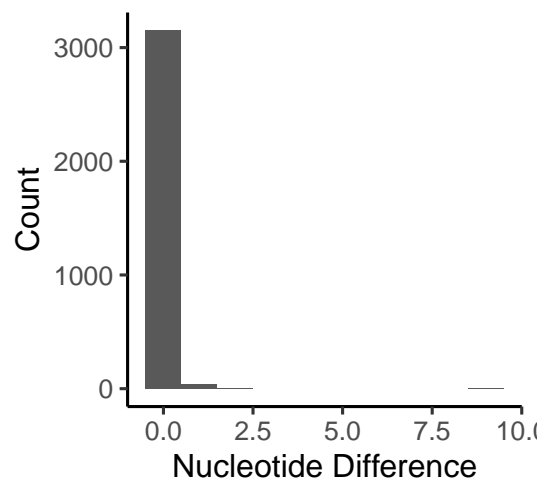
TRBV30*ap01

3303 sequences assigned
3251 (98.4%) exact matches, in which:
3203 unique CDR3
13 unique J



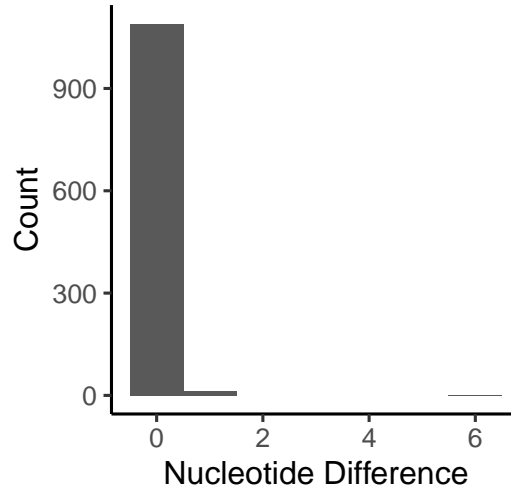
TRBV30*ap02

3197 sequences assigned
3151 (98.6%) exact matches, in which:
3107 unique CDR3
13 unique J



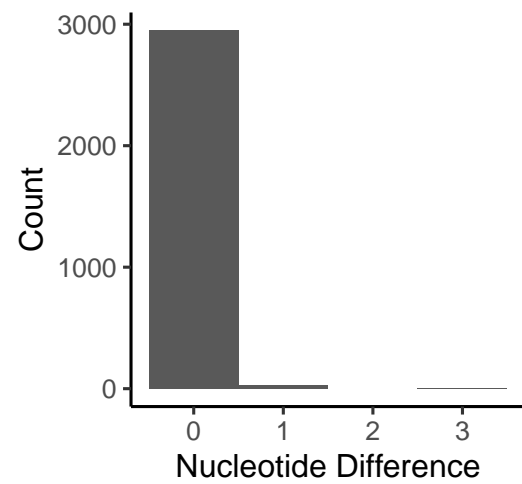
TRBV11-1*ap01

1105 sequences assigned
1090 (98.6%) exact matches, in which:
1067 unique CDR3
13 unique J



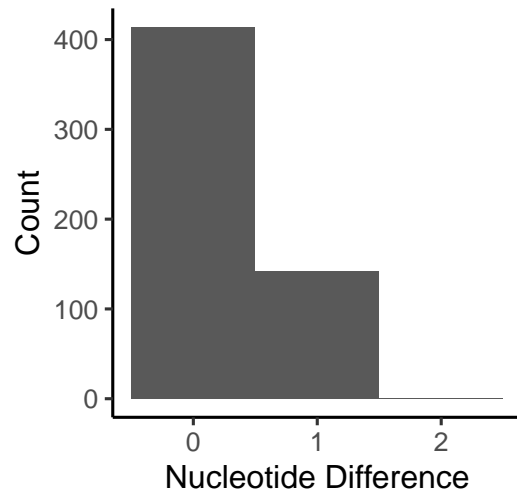
TRBV11-3*ap01

2976 sequences assigned
2949 (99.1%) exact matches, in which:
2911 unique CDR3
13 unique J



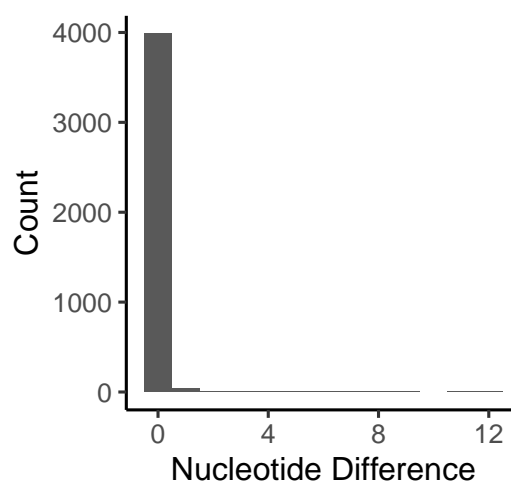
TRBV30*ap03

557 sequences assigned
414 (74.3%) exact matches, in which:
411 unique CDR3
13 unique J



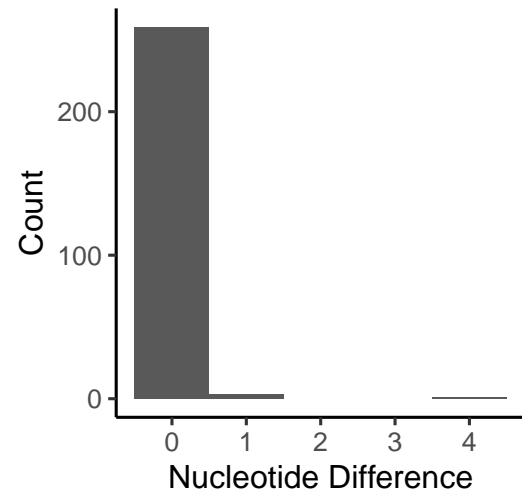
TRBV21-1*ap01

4056 sequences assigned
3986 (98.3%) exact matches, in which:
3948 unique CDR3
13 unique J



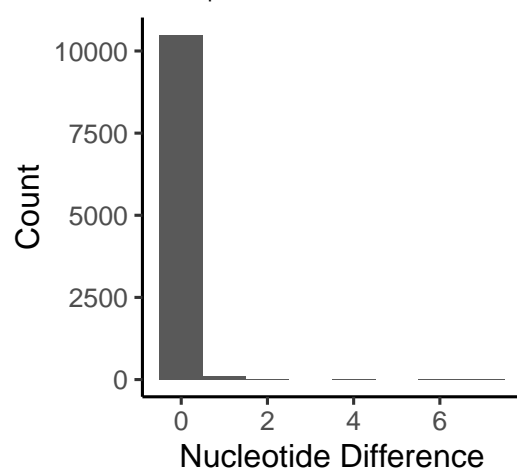
TRBV12-1*ap01

263 sequences assigned
259 (98.5%) exact matches, in which:
254 unique CDR3
12 unique J



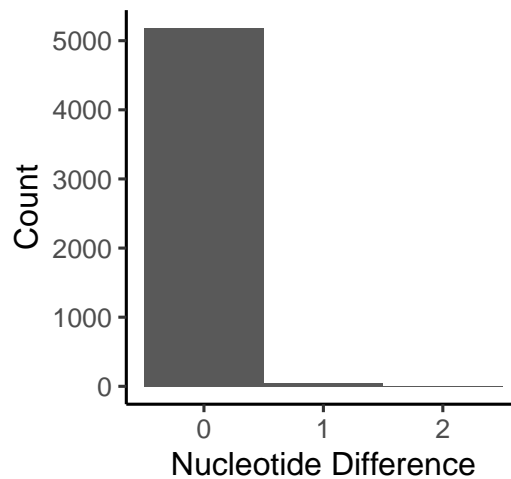
TRBV9*ap01

10598 sequences assigned
10493 (99%) exact matches, in which:
10369 unique CDR3
13 unique J



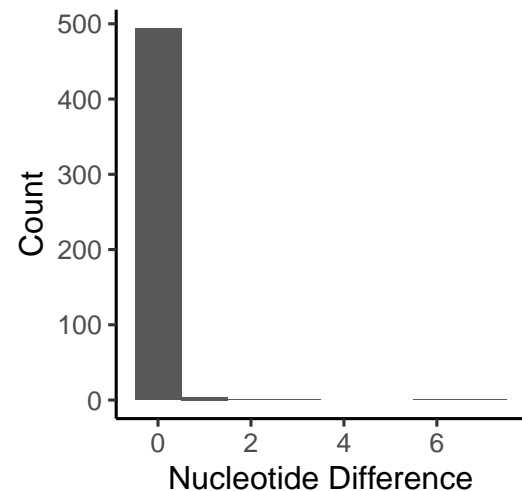
TRBV11-2*ap01

5231 sequences assigned
5183 (99.1%) exact matches, in which:
5102 unique CDR3
13 unique J



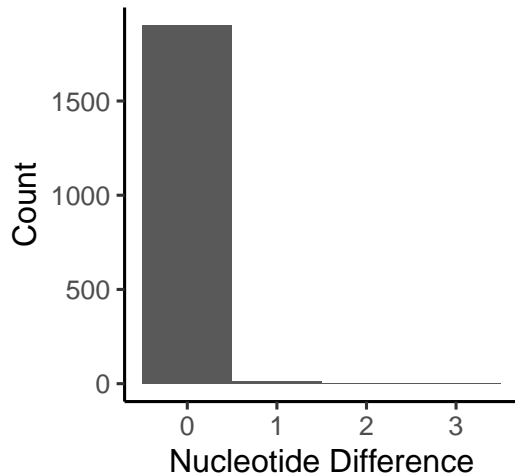
TRBV12-2*ap01

502 sequences assigned
494 (98.4%) exact matches, in which:
486 unique CDR3
13 unique J



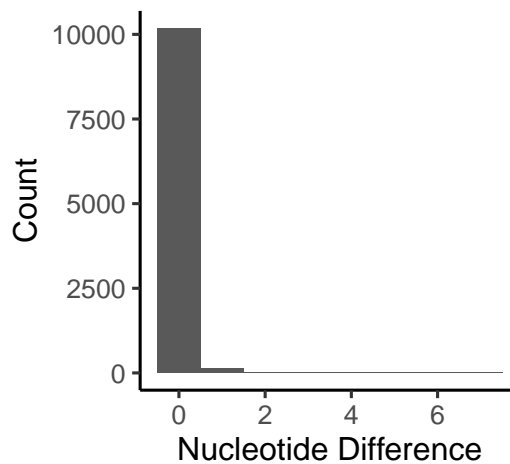
TRBV12–5*ap01

1916 sequences assigned
1901 (99.2%) exact matches, in which:
1871 unique CDR3
13 unique J



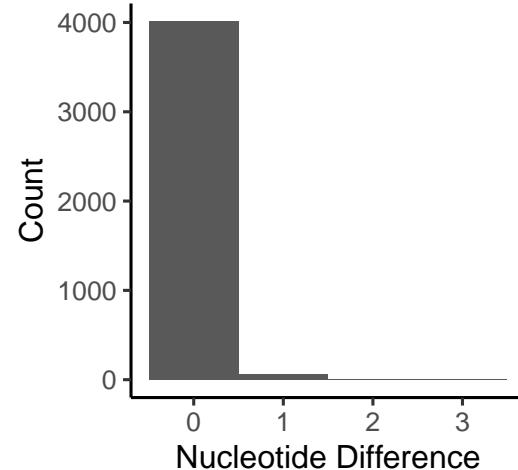
TRBV3–12*ap01

10332 sequences assigned
10184 (98.6%) exact matches, in which:
9987 unique CDR3
13 unique J



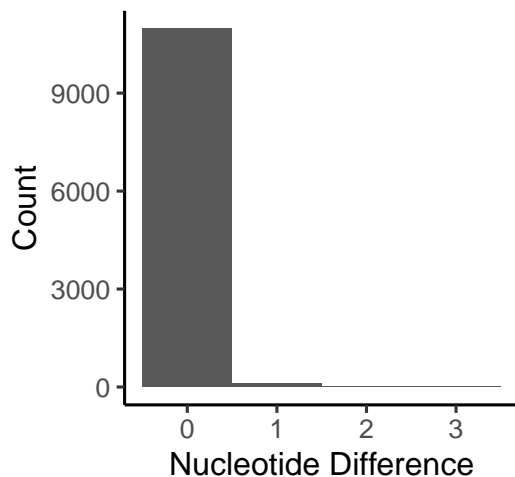
TRBV4–2*ap01

4071 sequences assigned
4012 (98.6%) exact matches, in which:
3940 unique CDR3
13 unique J



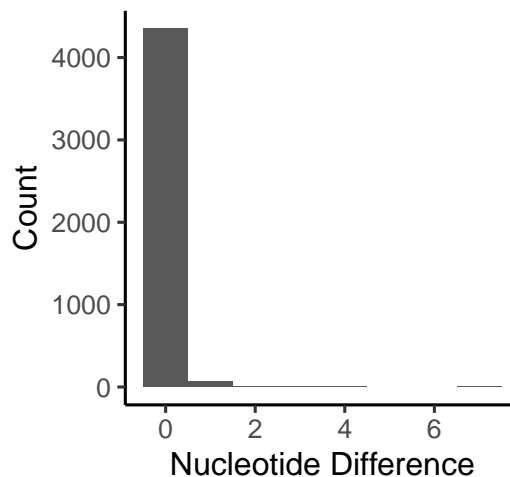
TRBV12–34*ap01

11102 sequences assigned
10972 (98.8%) exact matches, in which:
10829 unique CDR3
13 unique J



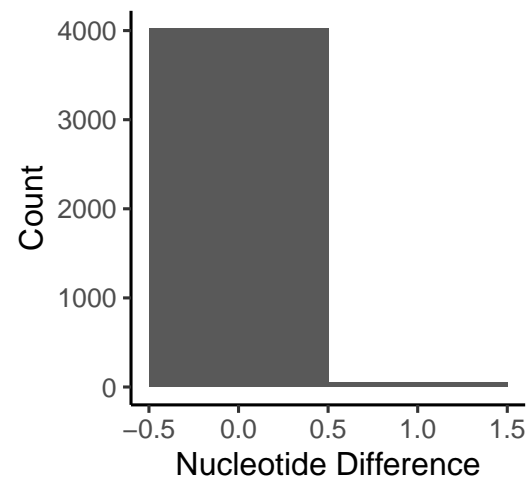
TRBV4–1*ap01

4422 sequences assigned
4350 (98.4%) exact matches, in which:
4262 unique CDR3
13 unique J



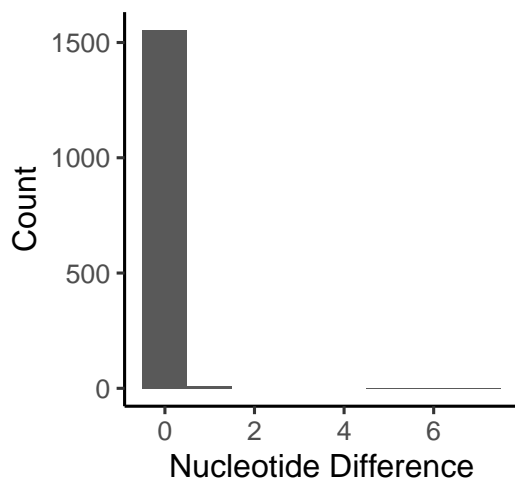
TRBV4–3*ap01

4067 sequences assigned
4021 (98.9%) exact matches, in which:
3955 unique CDR3
13 unique J



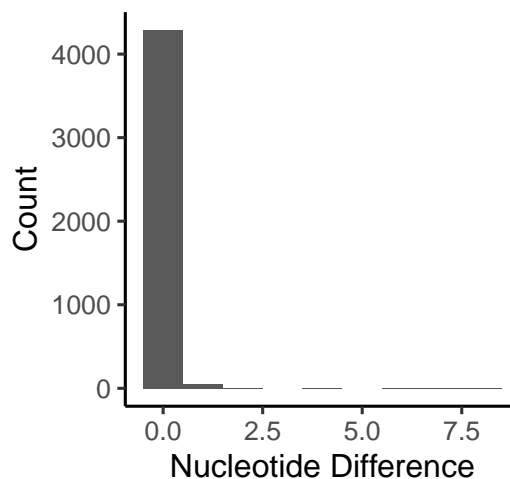
TRBV23–1*ap01

1567 sequences assigned
1554 (99.2%) exact matches, in which:
1533 unique CDR3
13 unique J



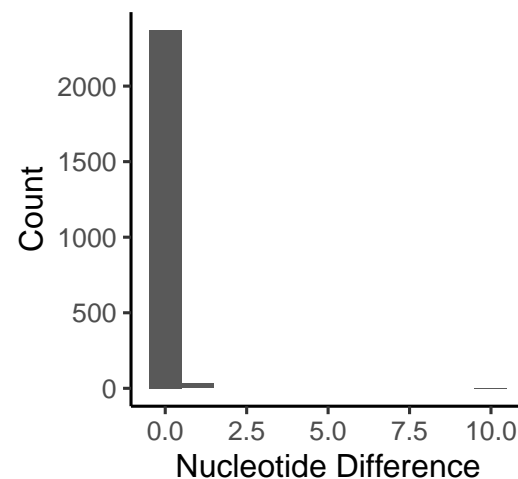
TRBV24–1*ap01

4349 sequences assigned
4288 (98.6%) exact matches, in which:
4212 unique CDR3
13 unique J



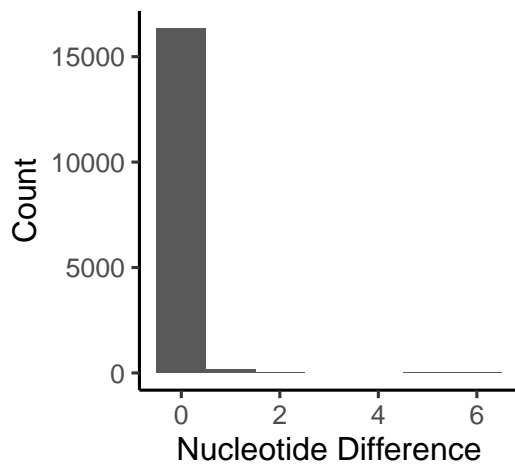
TRBV25–1*ap01

2405 sequences assigned
2371 (98.6%) exact matches, in which:
2328 unique CDR3
13 unique J



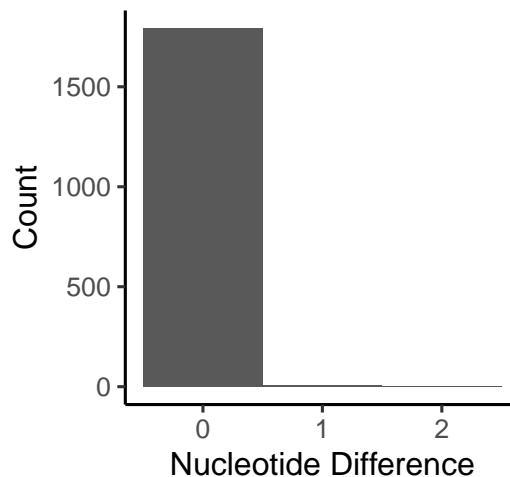
TRBV5-1*ap01

16526 sequences assigned
16352 (98.9%) exact matches, in which:
16023 unique CDR3
13 unique J



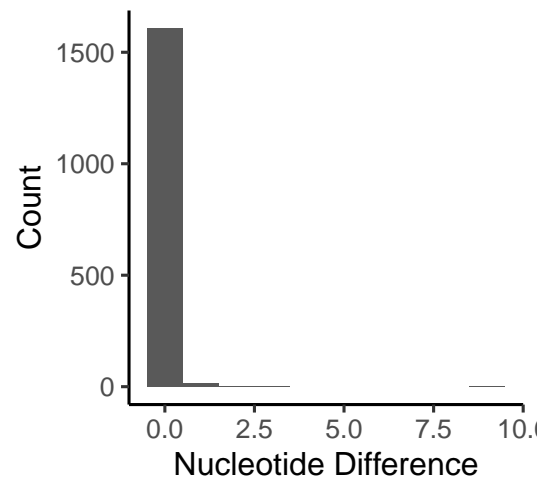
TRBV5-5*ap01

1802 sequences assigned
1792 (99.4%) exact matches, in which:
1777 unique CDR3
13 unique J



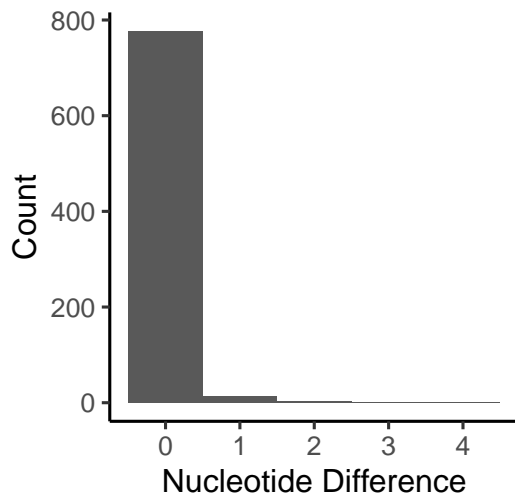
TRBV5-8*ap01

1627 sequences assigned
1607 (98.8%) exact matches, in which:
1586 unique CDR3
13 unique J



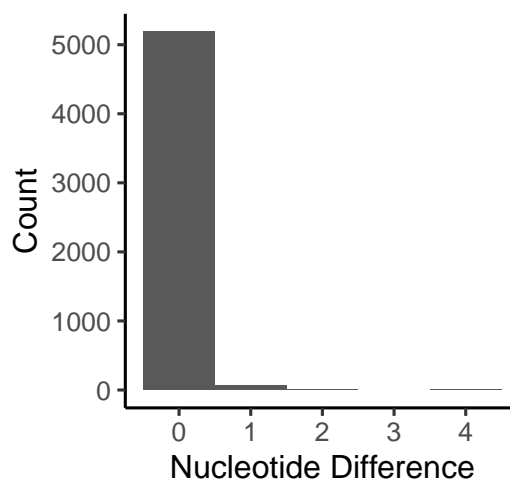
TRBV5-3*ap01

795 sequences assigned
777 (97.7%) exact matches, in which:
770 unique CDR3
13 unique J



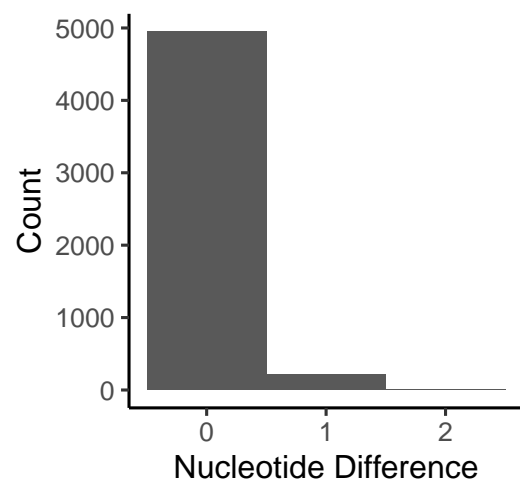
TRBV5-6*ap01

5260 sequences assigned
5188 (98.6%) exact matches, in which:
5059 unique CDR3
13 unique J



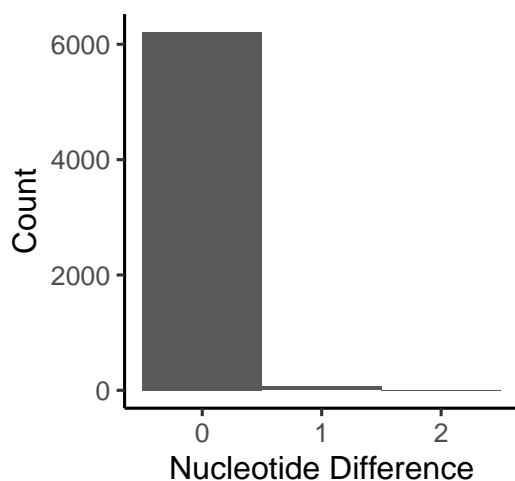
TRBV6-1*ap01

5163 sequences assigned
4948 (95.8%) exact matches, in which:
4856 unique CDR3
13 unique J



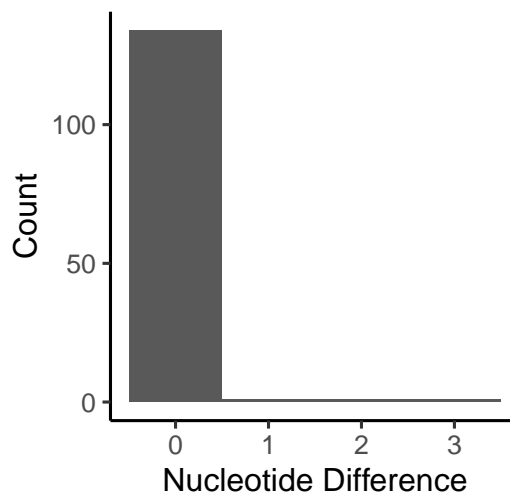
TRBV5-4*ap01

6280 sequences assigned
6212 (98.9%) exact matches, in which:
6103 unique CDR3
13 unique J



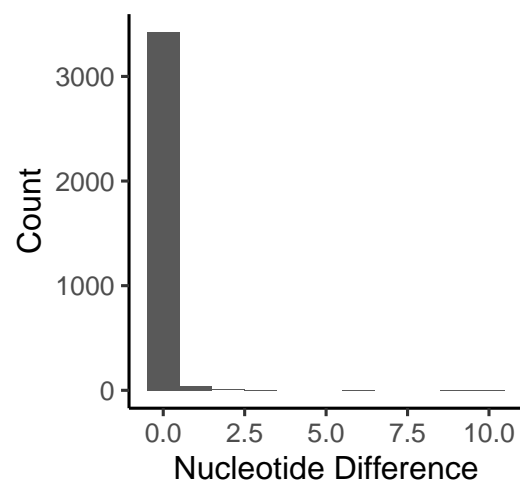
TRBV5-7*ap01

137 sequences assigned
134 (97.8%) exact matches, in which:
131 unique CDR3
13 unique J



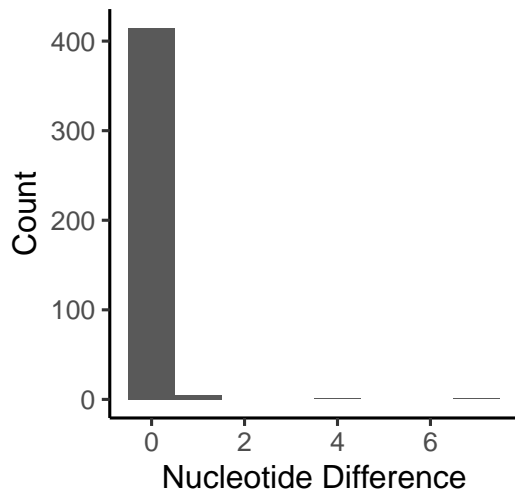
TRBV6-4*ap01

3481 sequences assigned
3424 (98.4%) exact matches, in which:
3372 unique CDR3
13 unique J



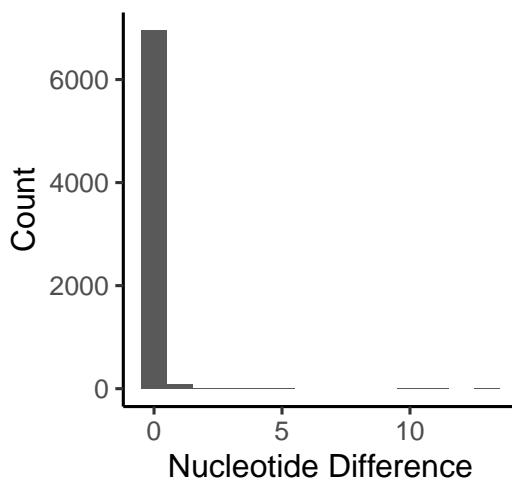
TRBV6-7*ap01

422 sequences assigned
415 (98.3%) exact matches, in which:
404 unique CDR3
13 unique J



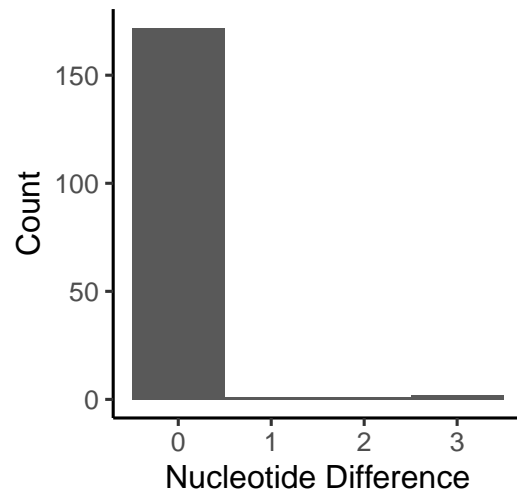
TRBV6-23*ap01

7050 sequences assigned
6954 (98.6%) exact matches, in which:
6812 unique CDR3
13 unique J



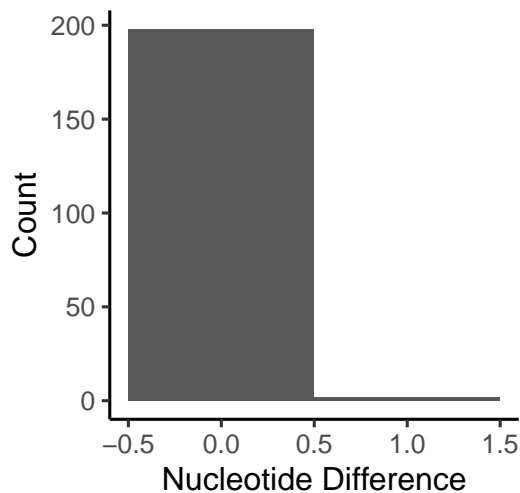
TRBV7-1*ap01_G291C_1

176 sequences assigned
172 (97.7%) exact matches, in which:
170 unique CDR3
13 unique J



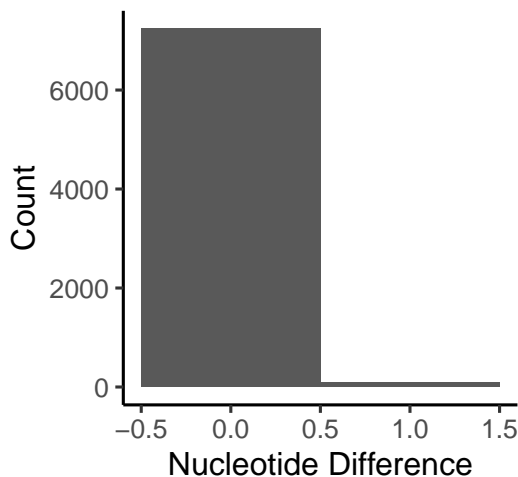
TRBV6-8*ap01

200 sequences assigned
198 (99%) exact matches, in which:
195 unique CDR3
13 unique J



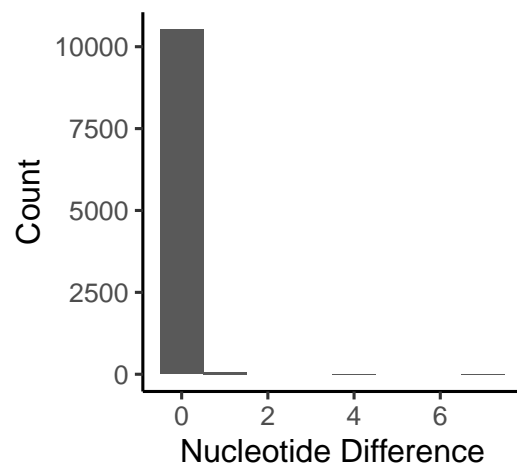
TRBV6-56*ap01

7334 sequences assigned
7239 (98.7%) exact matches, in which:
7112 unique CDR3
13 unique J



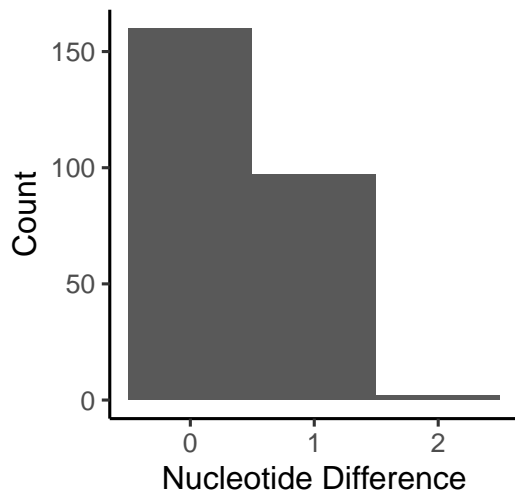
TRBV7-2*ap01

10600 sequences assigned
10526 (99.3%) exact matches, in which:
10424 unique CDR3
13 unique J



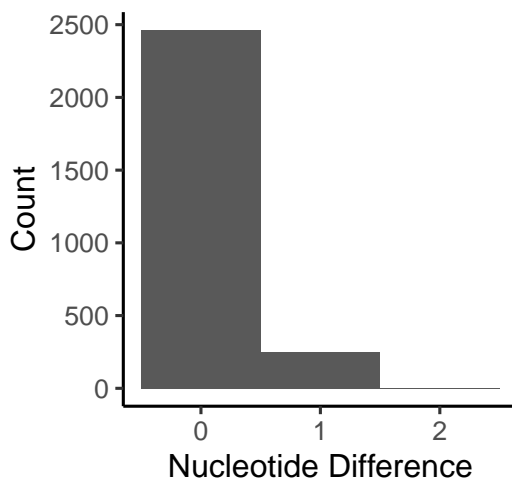
TRBV6-9*ap01

259 sequences assigned
160 (61.8%) exact matches, in which:
157 unique CDR3
12 unique J



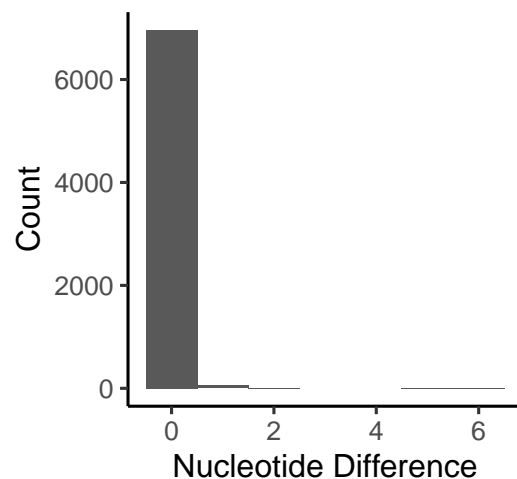
TRBV6-56*ap02

2716 sequences assigned
2463 (90.7%) exact matches, in which:
2403 unique CDR3
13 unique J



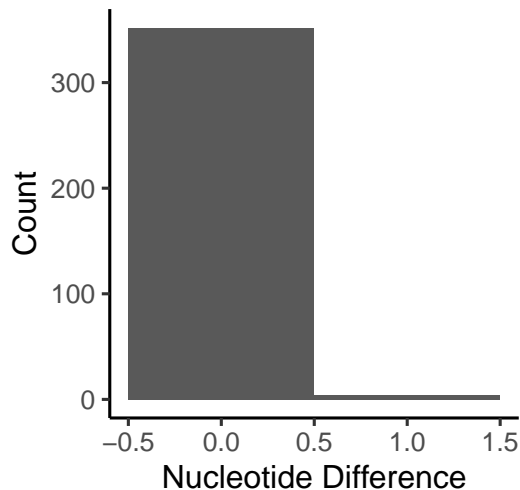
TRBV7-3*ap01

7020 sequences assigned
6961 (99.2%) exact matches, in which:
6882 unique CDR3
13 unique J



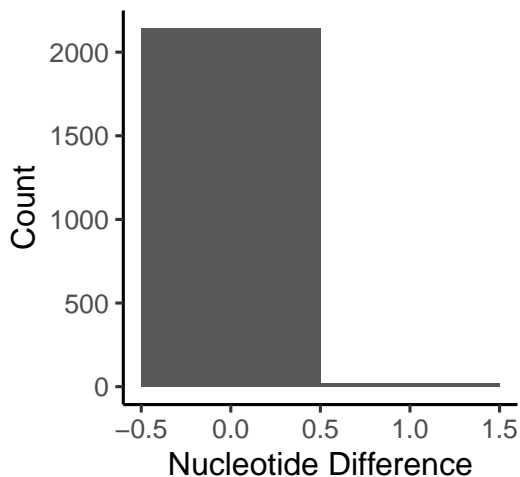
TRBV7-4*ap01

356 sequences assigned
352 (98.9%) exact matches, in which:
340 unique CDR3
13 unique J



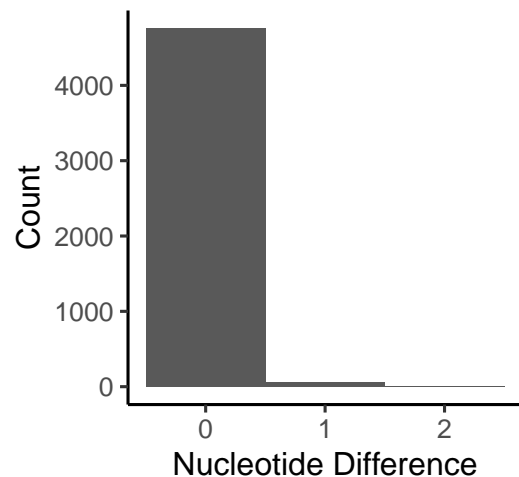
TRBV7-8*ap01

2162 sequences assigned
2142 (99.1%) exact matches, in which:
2109 unique CDR3
13 unique J



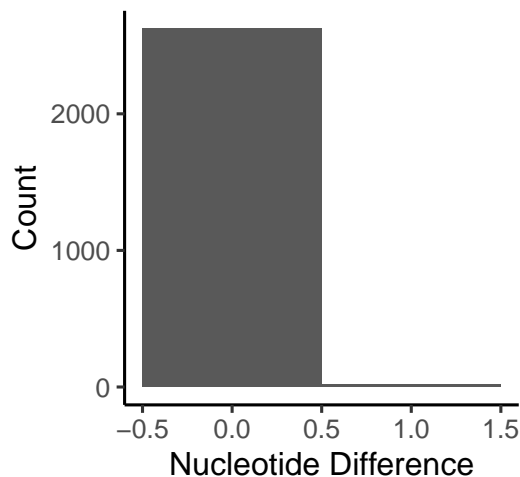
TRBV29-1*ap01

4819 sequences assigned
4756 (98.7%) exact matches, in which:
4662 unique CDR3
13 unique J



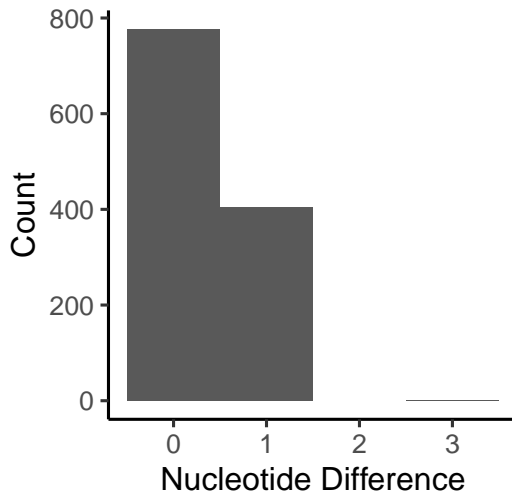
TRBV7-6*ap01

2642 sequences assigned
2623 (99.3%) exact matches, in which:
2584 unique CDR3
13 unique J



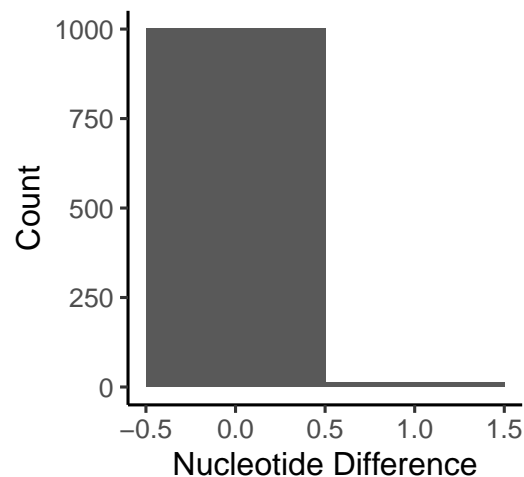
TRBV7-8*ap03

1182 sequences assigned
777 (65.7%) exact matches, in which:
767 unique CDR3
13 unique J



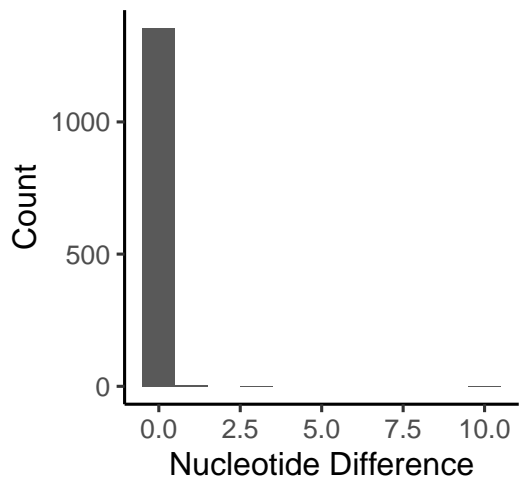
TRBV29-1*ap02

1014 sequences assigned
1001 (98.7%) exact matches, in which:
985 unique CDR3
13 unique J



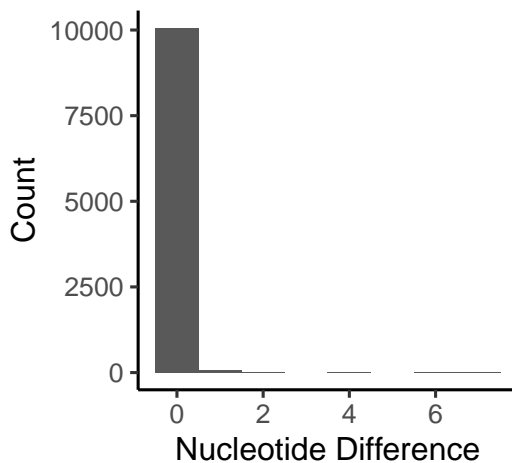
TRBV7-7*ap01_C315T

1363 sequences assigned
1355 (99.4%) exact matches, in which:
1336 unique CDR3
13 unique J

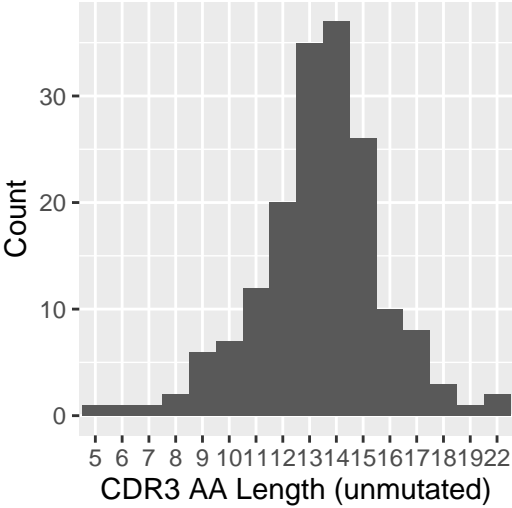


TRBV7-9*ap01

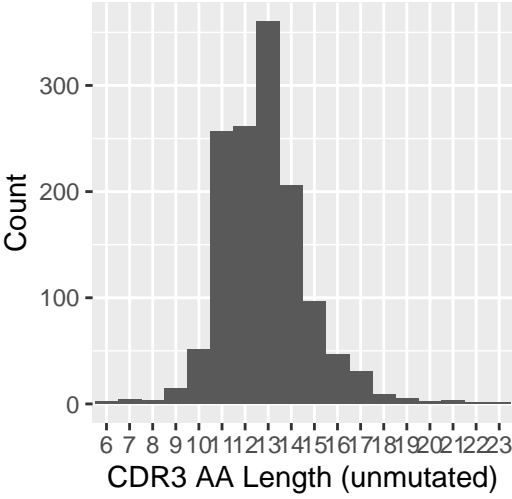
10152 sequences assigned
10065 (99.1%) exact matches, in which:
9935 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.