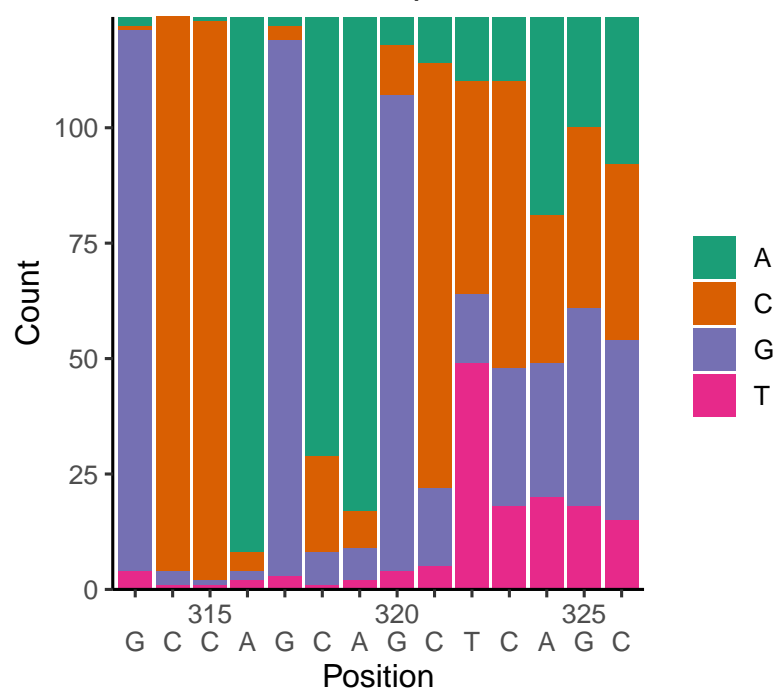
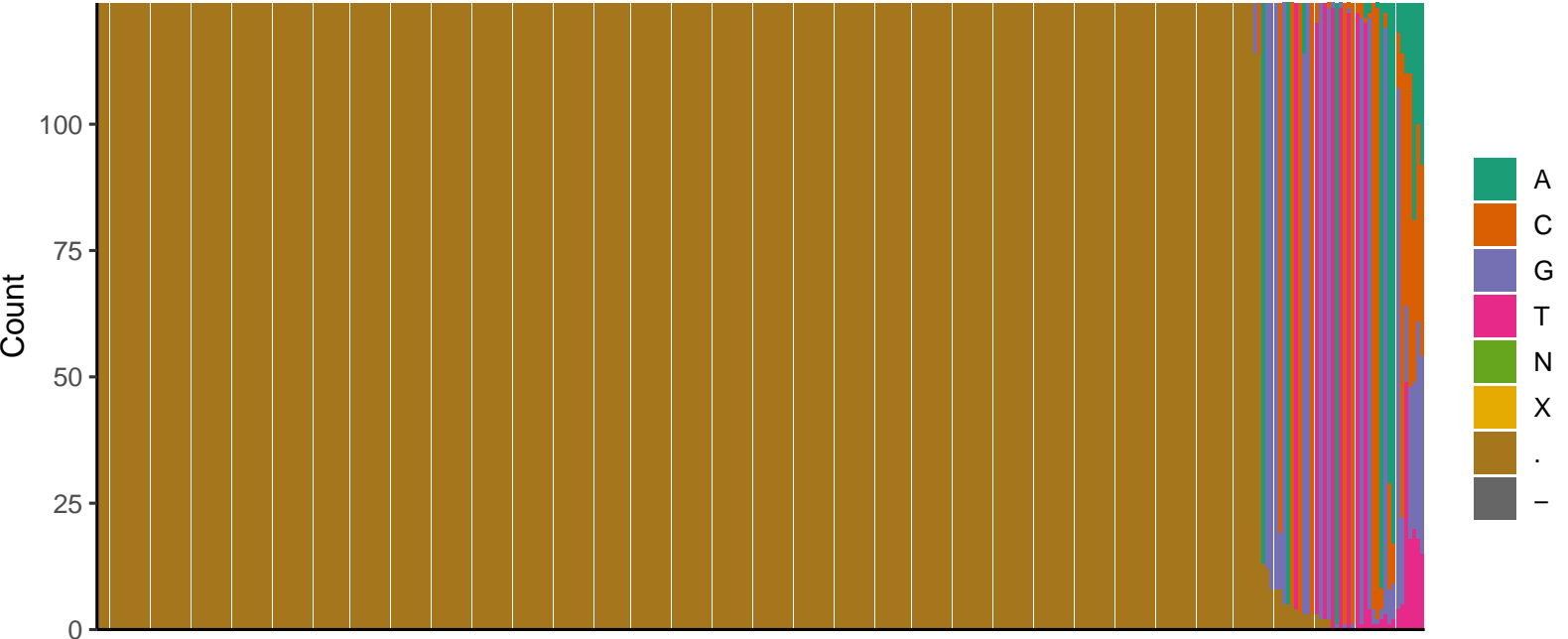


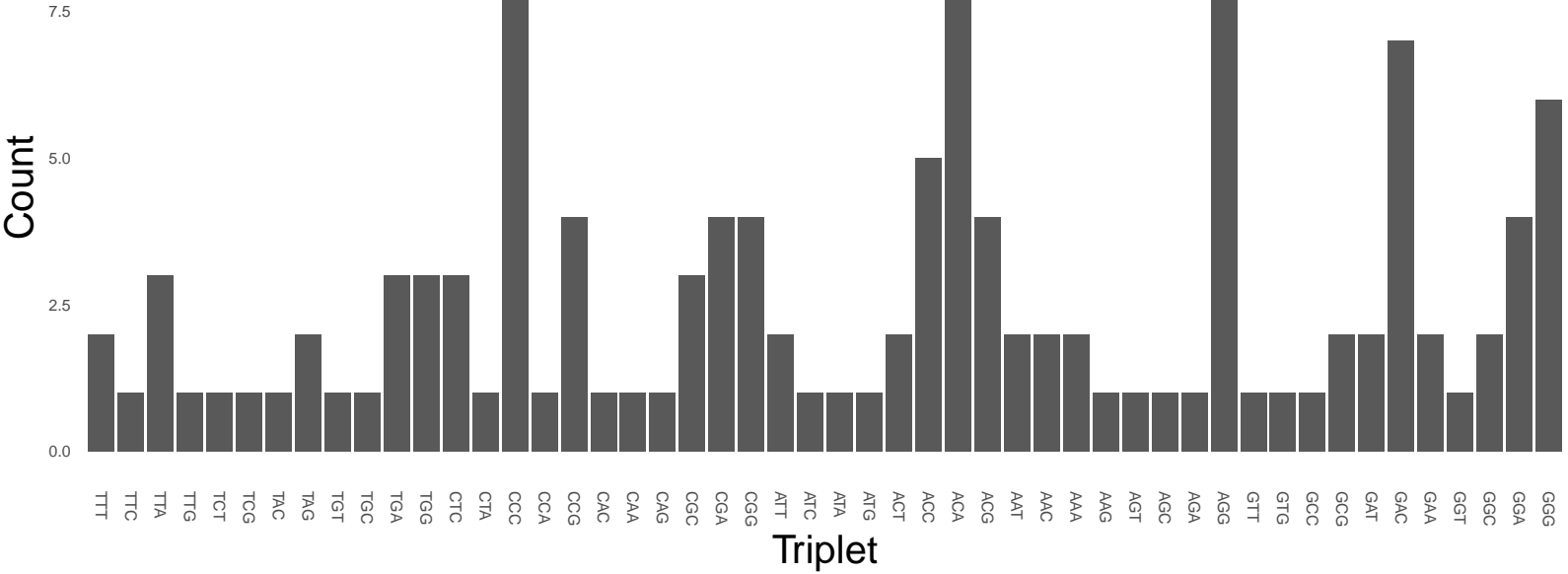
Gene TRBV7-1*ap01_T296C



Gene TRBV7-1*ap01_T296C

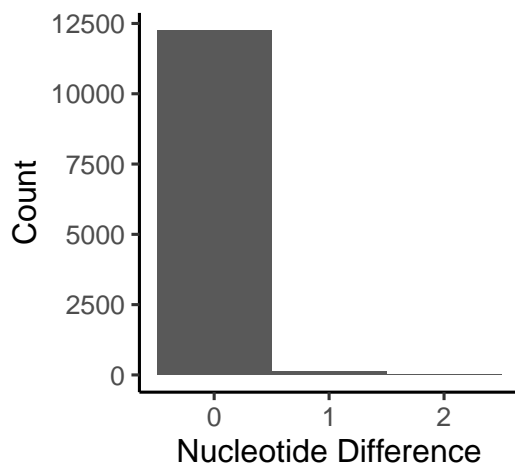


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



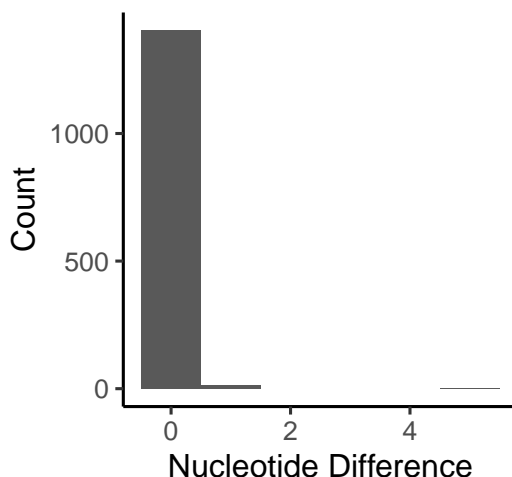
TRBV20-1*ap01

12399 sequences assigned
12262 (98.9%) exact matches, in which:
12096 unique CDR3
14 unique J



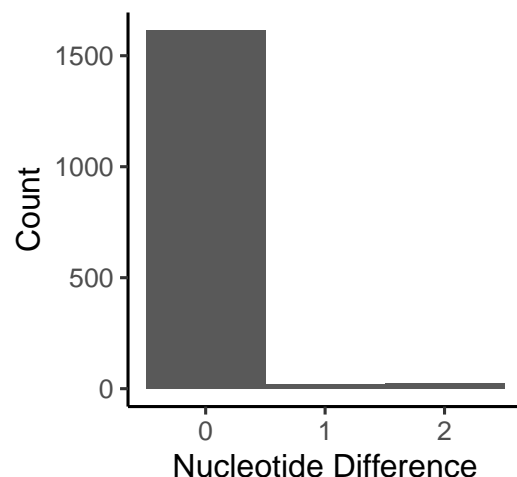
TRBV10-2*ap01

1418 sequences assigned
1404 (99%) exact matches, in which:
1377 unique CDR3
13 unique J



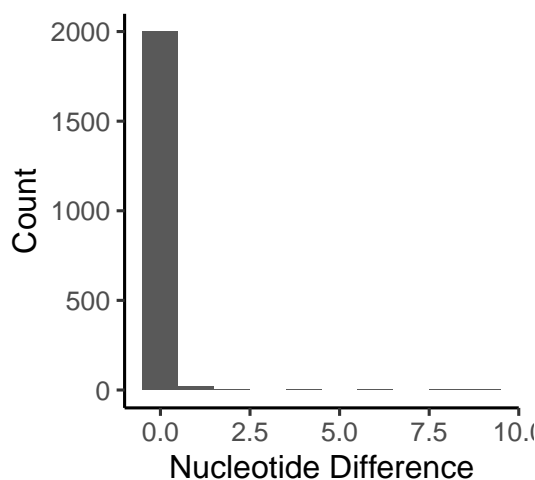
TRBV13*ap01

1659 sequences assigned
1614 (97.3%) exact matches, in which:
1571 unique CDR3
13 unique J



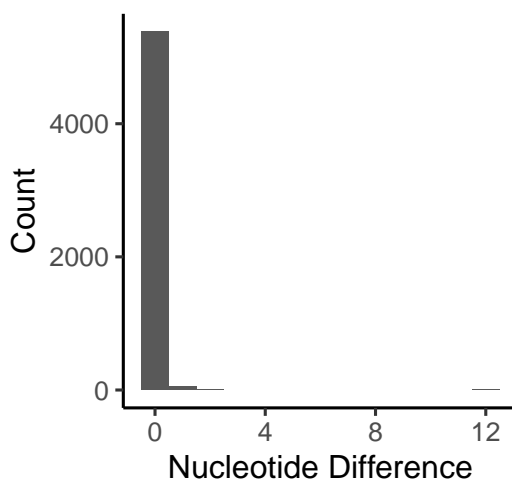
TRBV10-1*ap01

2026 sequences assigned
1999 (98.7%) exact matches, in which:
1955 unique CDR3
13 unique J



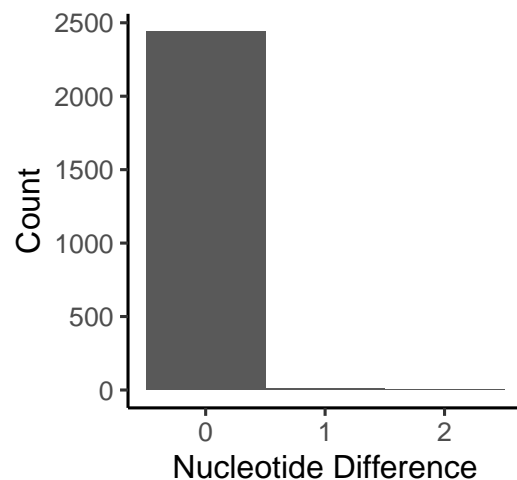
TRBV10-3*ap01

5444 sequences assigned
5382 (98.9%) exact matches, in which:
5272 unique CDR3
13 unique J



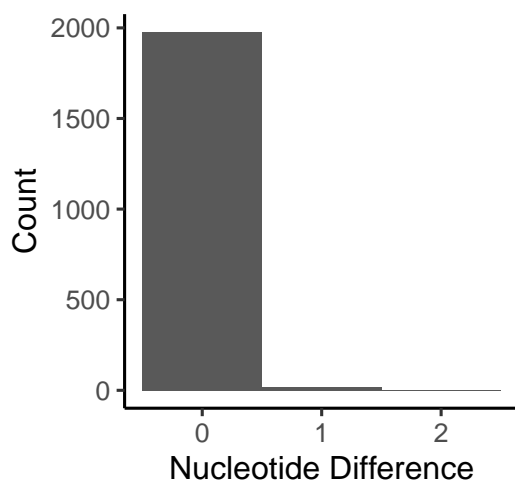
TRBV14*ap01

2451 sequences assigned
2439 (99.5%) exact matches, in which:
2398 unique CDR3
13 unique J



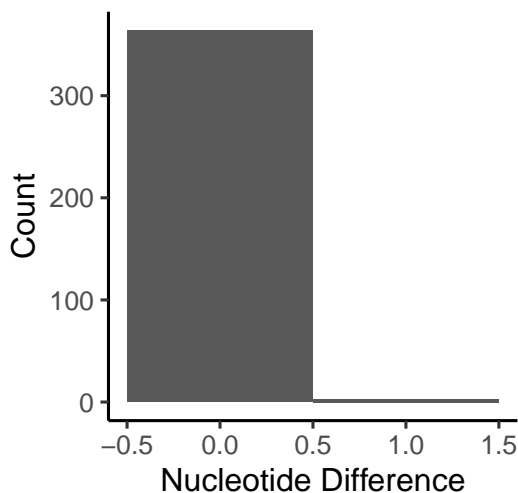
TRBV20-1*ap02

1997 sequences assigned
1977 (99%) exact matches, in which:
1950 unique CDR3
13 unique J



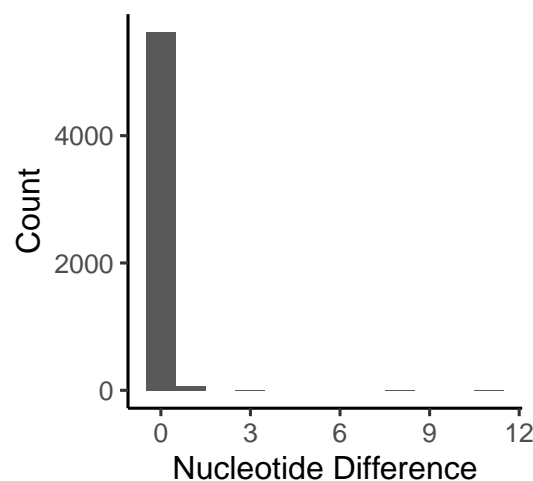
TRBV1*ap01

367 sequences assigned
364 (99.2%) exact matches, in which:
356 unique CDR3
13 unique J



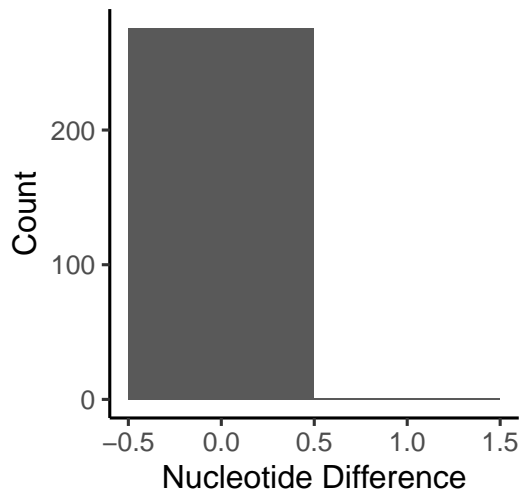
TRBV15*ap02

5697 sequences assigned
5627 (98.8%) exact matches, in which:
5502 unique CDR3
13 unique J



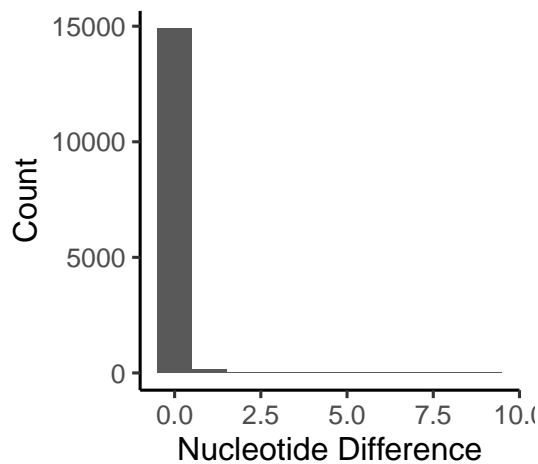
TRBV16*ap01

277 sequences assigned
276 (99.6%) exact matches, in which:
275 unique CDR3
13 unique J



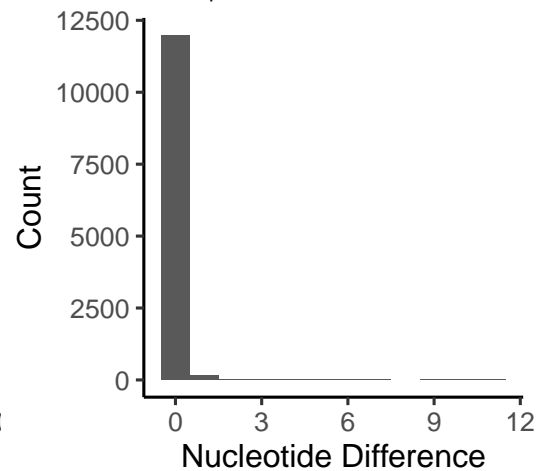
TRBV19*ap01

15064 sequences assigned
14916 (99%) exact matches, in which:
14771 unique CDR3
13 unique J



TRBV27*ap01

12142 sequences assigned
11985 (98.7%) exact matches, in which:
11742 unique CDR3
13 unique J



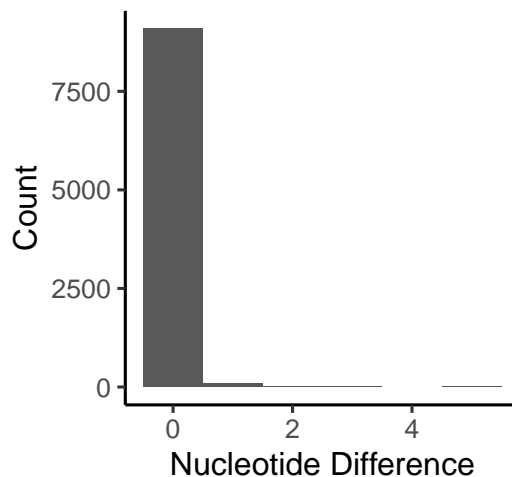
TRBV17*ap01

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



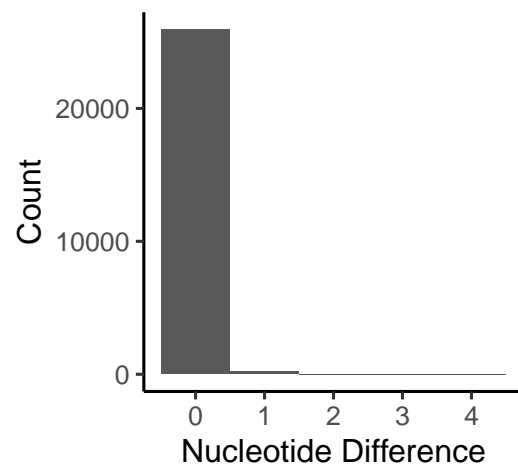
TRBV2*ap01

9190 sequences assigned
9088 (98.9%) exact matches, in which:
8940 unique CDR3
13 unique J



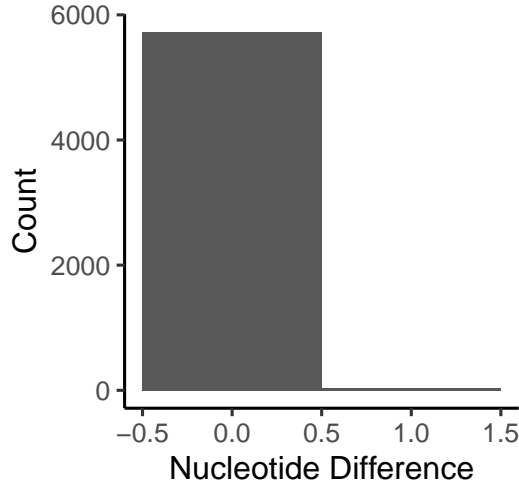
TRBV28*ap01

26176 sequences assigned
25942 (99.1%) exact matches, in which:
25539 unique CDR3
13 unique J



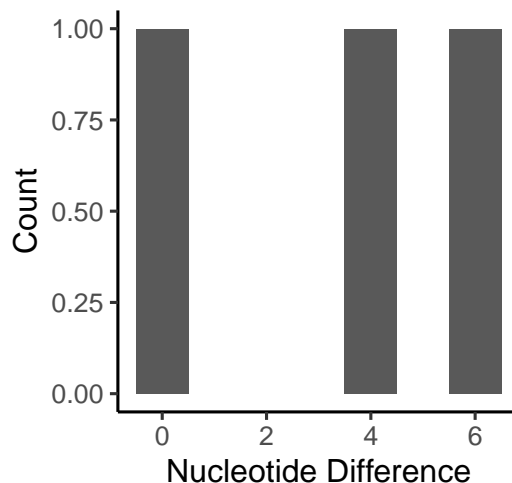
TRBV18*ap01

5766 sequences assigned
5725 (99.3%) exact matches, in which:
5671 unique CDR3
13 unique J



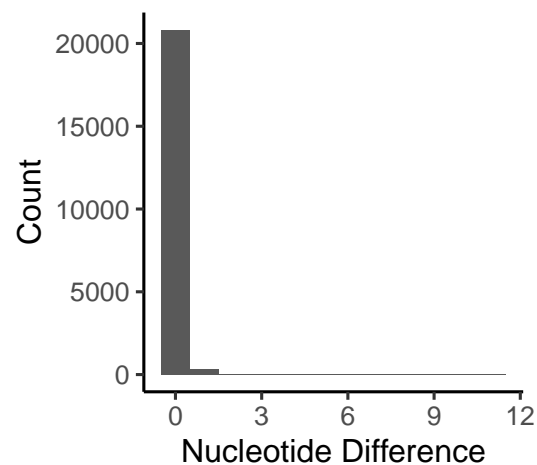
TRBV26*ap01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



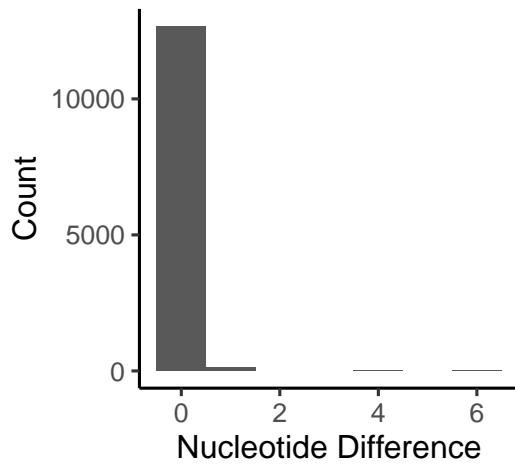
TRBV30*ap01

21164 sequences assigned
20827 (98.4%) exact matches, in which:
20602 unique CDR3
13 unique J



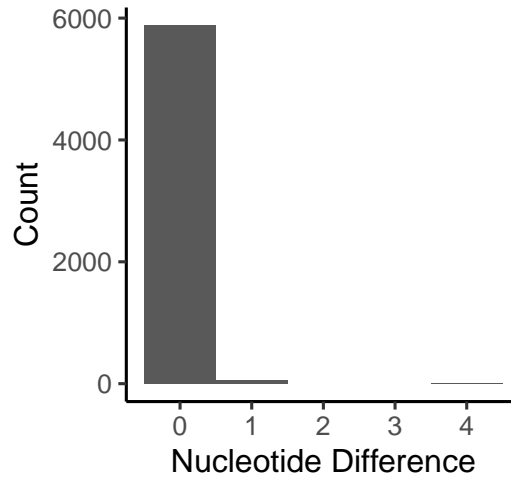
TRBV9*ap01

12809 sequences assigned
12673 (98.9%) exact matches, in which:
12483 unique CDR3
13 unique J



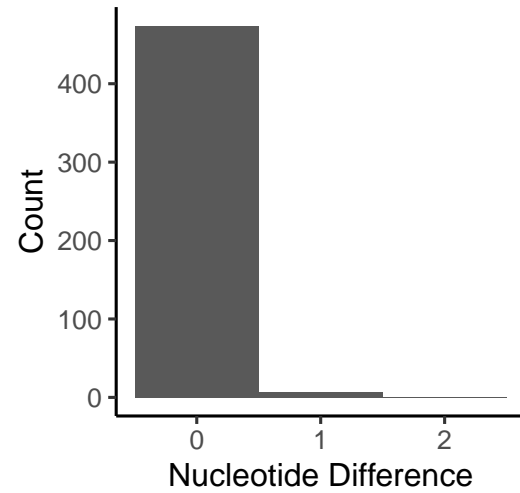
TRBV11-2*ap01

5940 sequences assigned
5880 (99%) exact matches, in which:
5806 unique CDR3
13 unique J



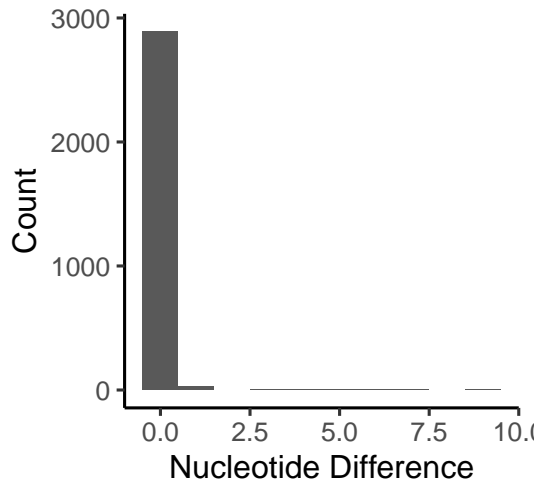
TRBV12-2*ap01

482 sequences assigned
474 (98.3%) exact matches, in which:
467 unique CDR3
13 unique J



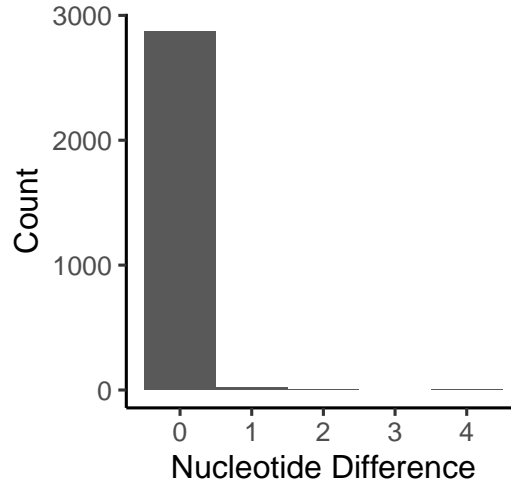
TRBV21-1*ap01

2929 sequences assigned
2889 (98.6%) exact matches, in which:
2849 unique CDR3
13 unique J



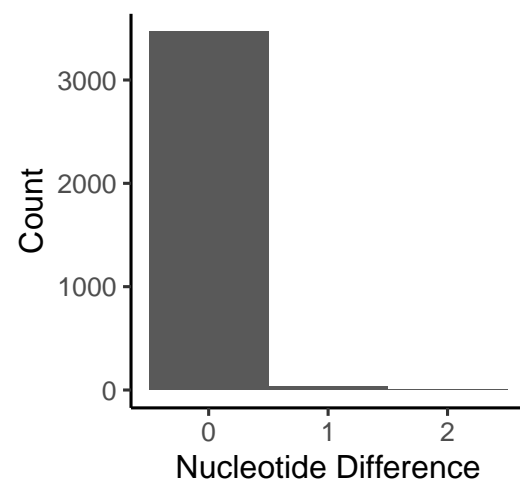
TRBV11-3*ap01

2895 sequences assigned
2869 (99.1%) exact matches, in which:
2822 unique CDR3
13 unique J



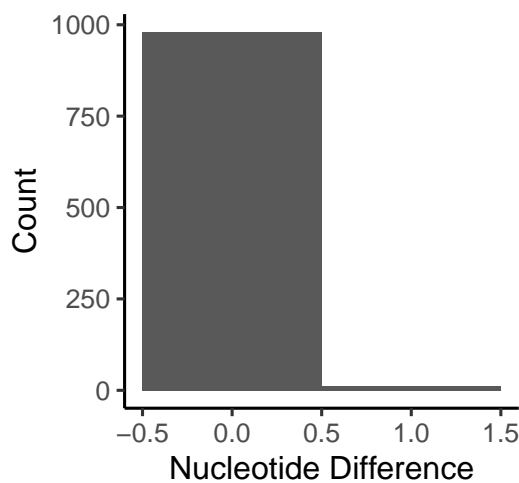
TRBV12-5*ap01

3501 sequences assigned
3467 (99%) exact matches, in which:
3412 unique CDR3
13 unique J



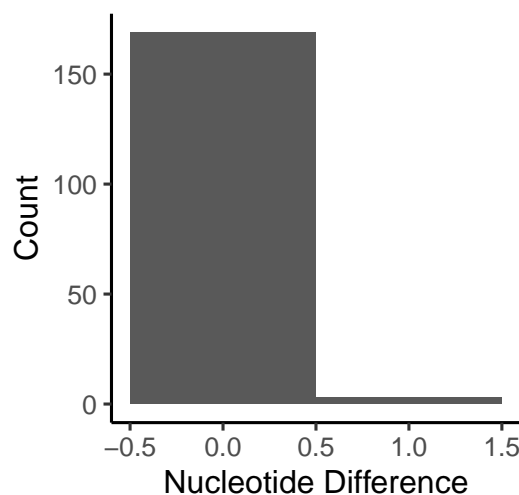
TRBV11-1*ap01

992 sequences assigned
980 (98.8%) exact matches, in which:
965 unique CDR3
13 unique J



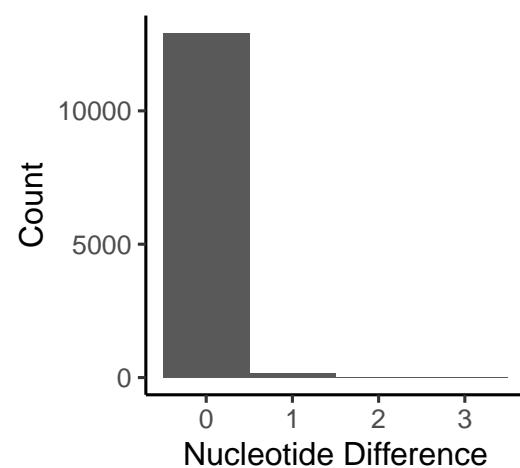
TRBV12-1*ap01

172 sequences assigned
169 (98.3%) exact matches, in which:
166 unique CDR3
13 unique J



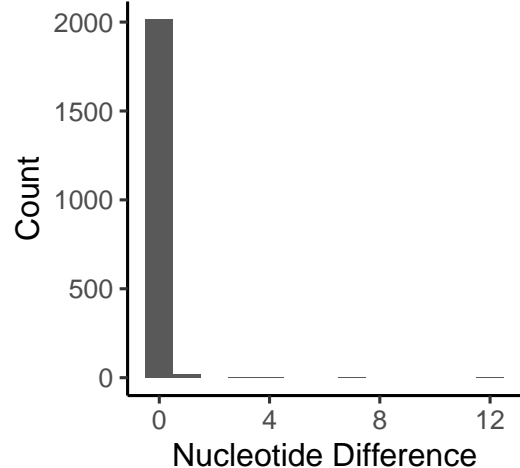
TRBV12-34*ap01

13087 sequences assigned
12927 (98.8%) exact matches, in which:
12721 unique CDR3
13 unique J



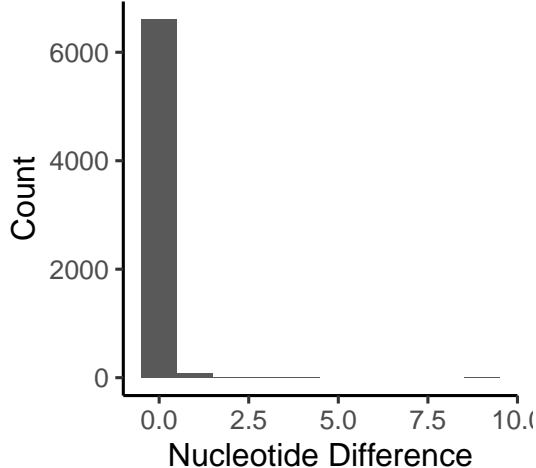
TRBV23-1*ap01

2041 sequences assigned
2015 (98.7%) exact matches, in which:
1986 unique CDR3
13 unique J



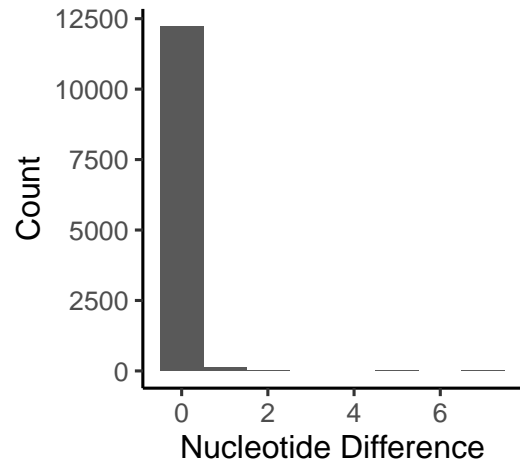
TRBV24-1*ap01

6707 sequences assigned
6606 (98.5%) exact matches, in which:
6517 unique CDR3
13 unique J



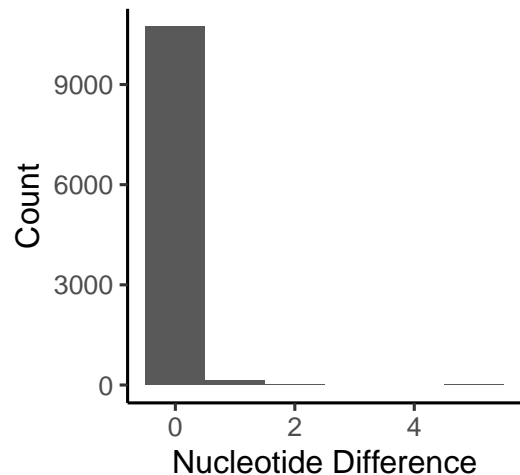
TRBV5-1*ap01

12380 sequences assigned
12235 (98.8%) exact matches, in which:
11977 unique CDR3
13 unique J



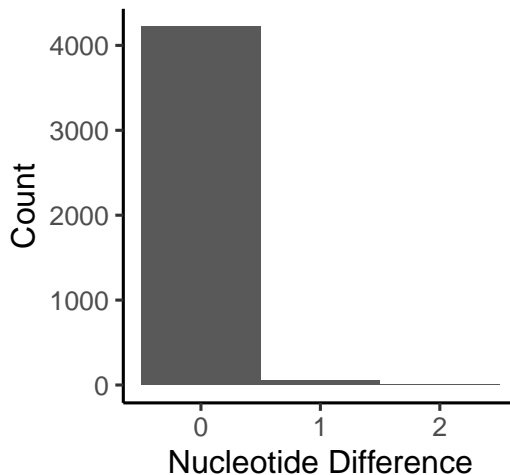
TRBV3-12*ap01

10875 sequences assigned
10731 (98.7%) exact matches, in which:
10548 unique CDR3
13 unique J



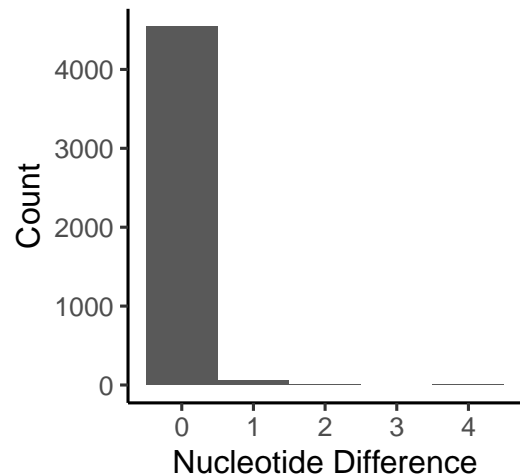
TRBV4-2*ap01

4274 sequences assigned
4220 (98.7%) exact matches, in which:
4147 unique CDR3
13 unique J



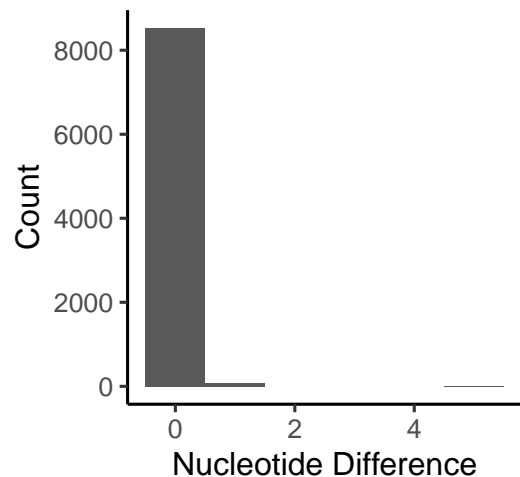
TRBV25-1*ap01

4608 sequences assigned
4541 (98.5%) exact matches, in which:
4482 unique CDR3
13 unique J



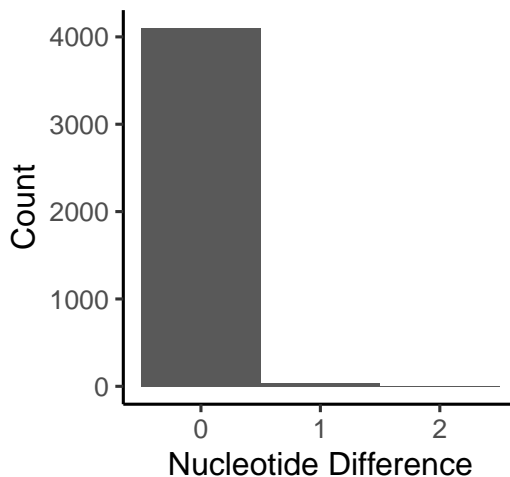
TRBV4-1*ap01

8607 sequences assigned
8528 (99.1%) exact matches, in which:
8377 unique CDR3
13 unique J



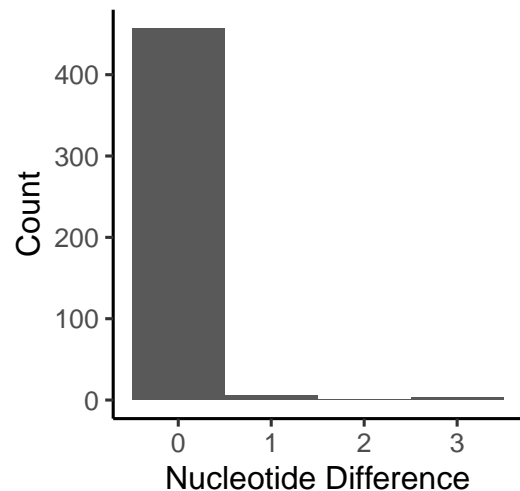
TRBV4-3*ap01

4140 sequences assigned
4101 (99.1%) exact matches, in which:
4015 unique CDR3
13 unique J



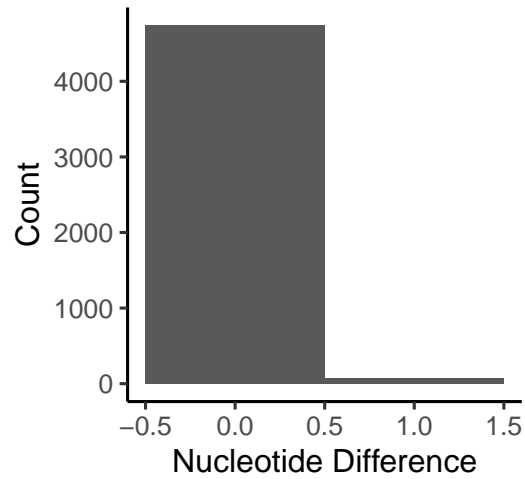
TRBV5-3*ap01

467 sequences assigned
457 (97.9%) exact matches, in which:
451 unique CDR3
13 unique J



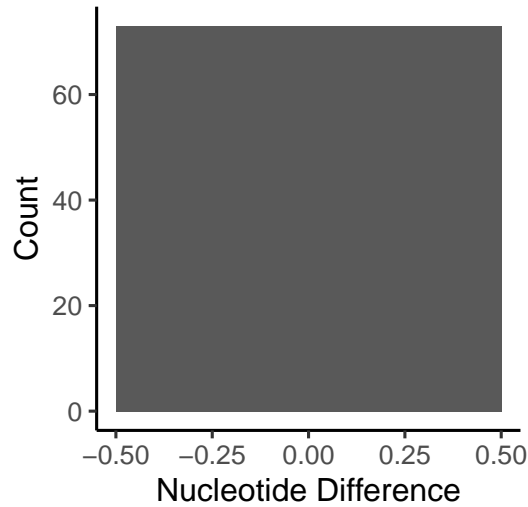
TRBV5-4*ap01

4814 sequences assigned
4740 (98.5%) exact matches, in which:
4643 unique CDR3
13 unique J



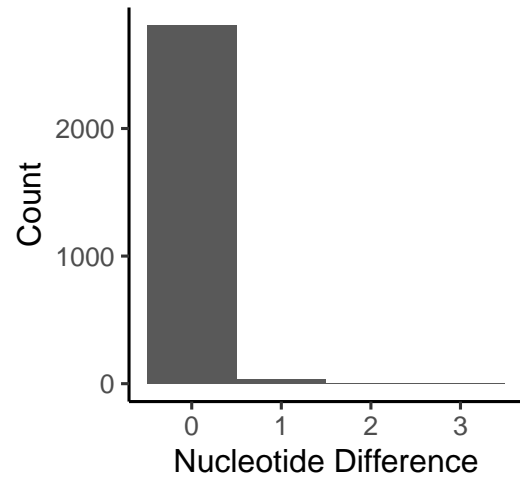
TRBV5-7*ap01

73 sequences assigned
73 (100%) exact matches, in which:
73 unique CDR3
13 unique J



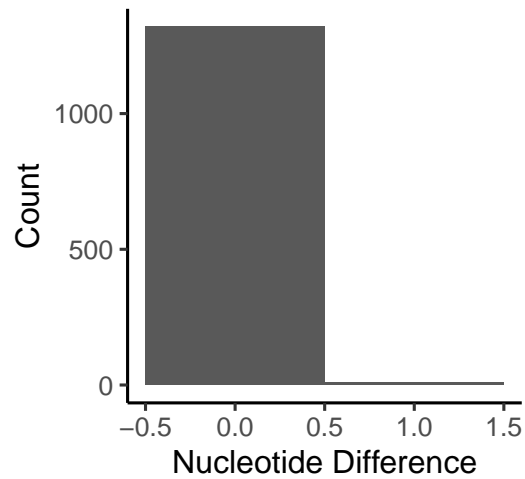
TRBV6-4*ap01

2848 sequences assigned
2808 (98.6%) exact matches, in which:
2766 unique CDR3
13 unique J



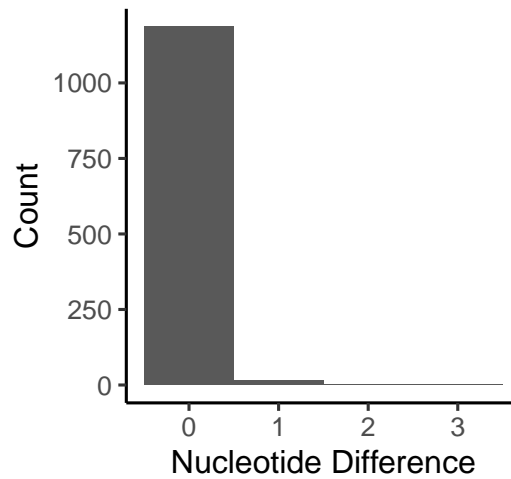
TRBV5-5*ap01

1329 sequences assigned
1320 (99.3%) exact matches, in which:
1307 unique CDR3
13 unique J



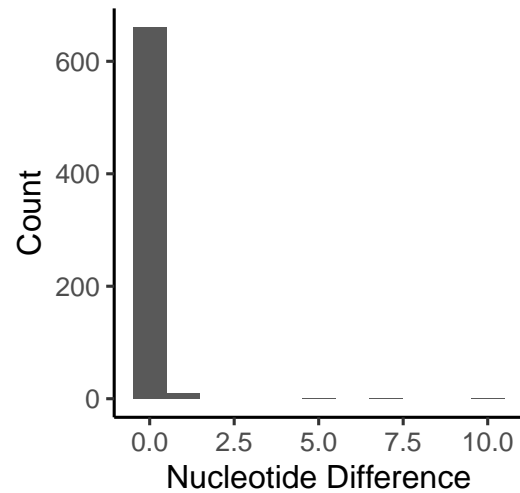
TRBV5-8*ap01

1204 sequences assigned
1186 (98.5%) exact matches, in which:
1176 unique CDR3
13 unique J



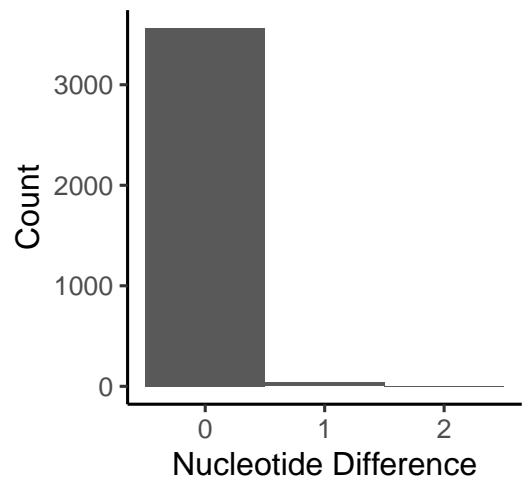
TRBV6-7*ap01

674 sequences assigned
661 (98.1%) exact matches, in which:
648 unique CDR3
13 unique J



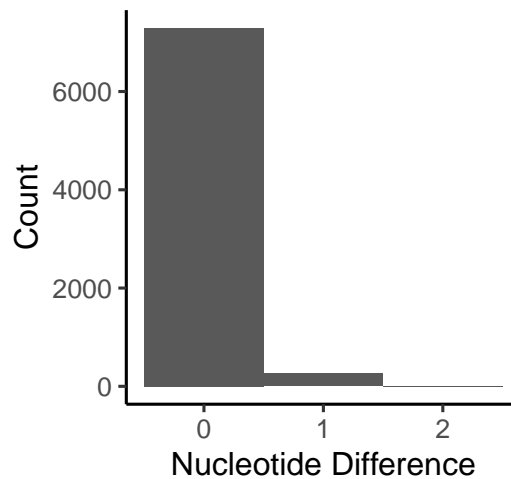
TRBV5-6*ap01

3603 sequences assigned
3564 (98.9%) exact matches, in which:
3477 unique CDR3
13 unique J



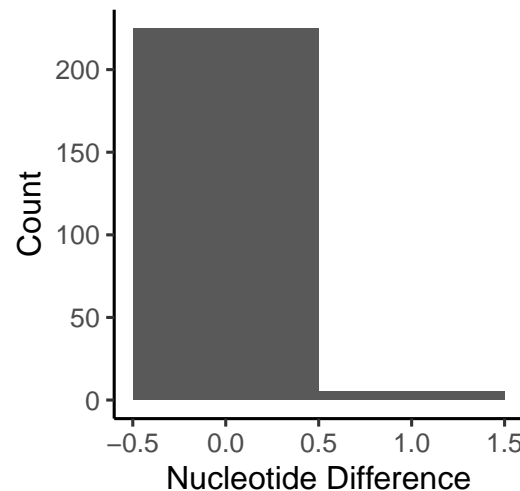
TRBV6-1*ap01

7554 sequences assigned
7292 (96.5%) exact matches, in which:
7160 unique CDR3
13 unique J



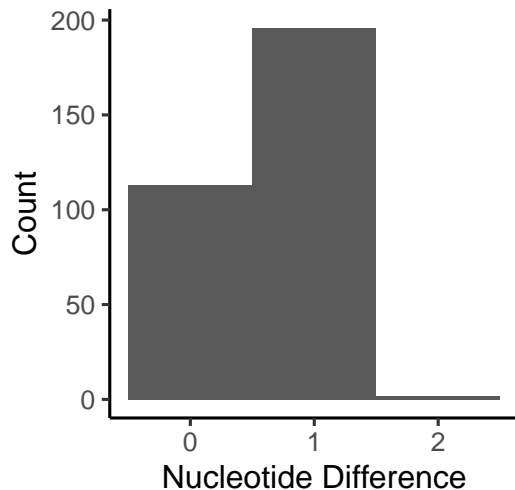
TRBV6-8*ap01

230 sequences assigned
225 (97.8%) exact matches, in which:
222 unique CDR3
13 unique J



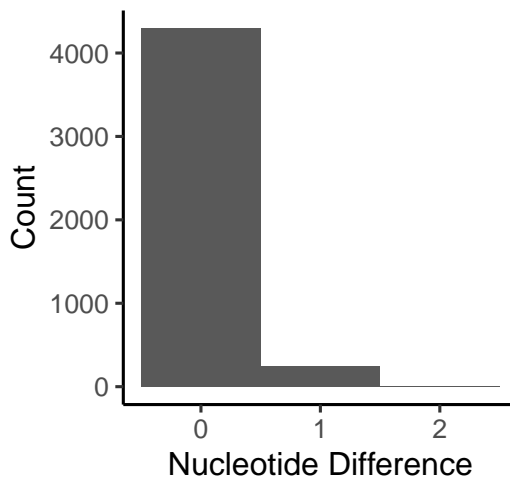
TRBV6-9*ap01

311 sequences assigned
113 (36.3%) exact matches, in which:
112 unique CDR3
12 unique J



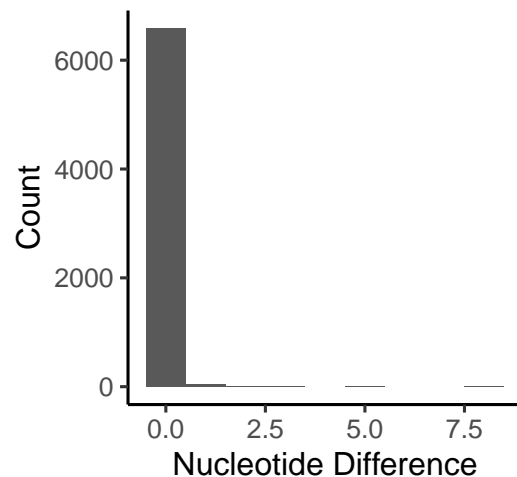
TRBV6-56*ap02

4545 sequences assigned
4295 (94.5%) exact matches, in which:
4202 unique CDR3
13 unique J



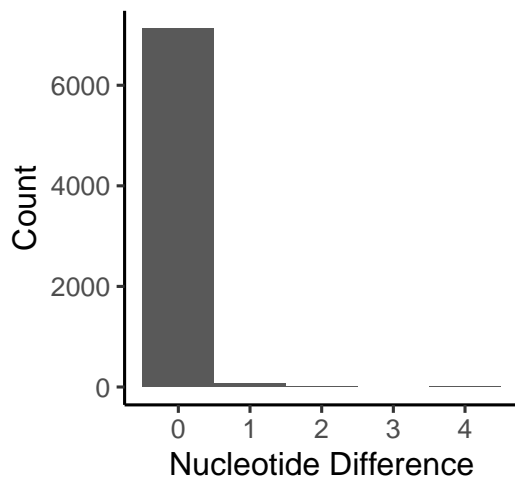
TRBV7-3*ap01

6636 sequences assigned
6584 (99.2%) exact matches, in which:
6509 unique CDR3
13 unique J



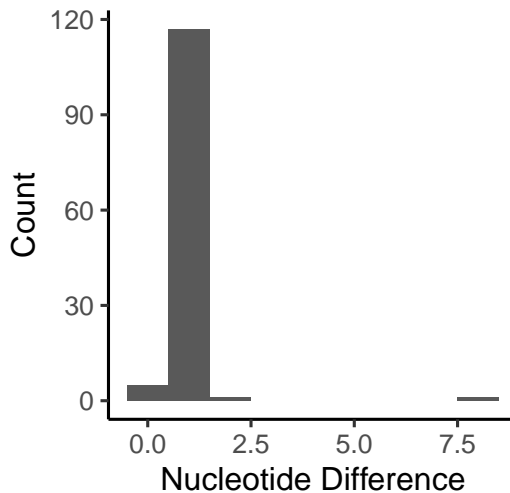
TRBV6-23*ap01

7193 sequences assigned
7124 (99%) exact matches, in which:
6991 unique CDR3
13 unique J



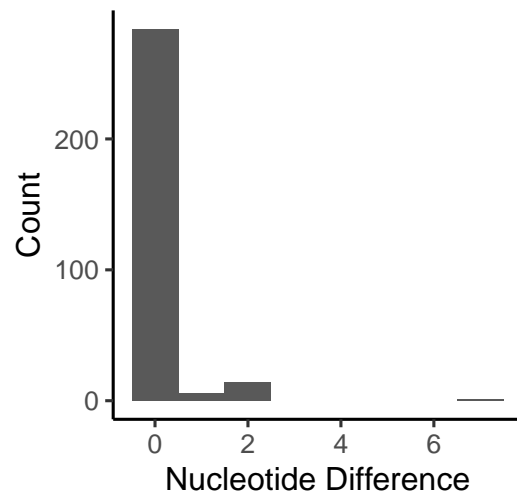
TRBV7-1*ap01_T296C

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



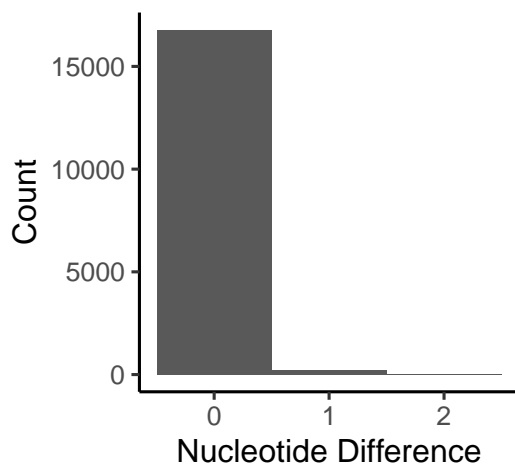
TRBV7-4*ap01

305 sequences assigned
284 (93.1%) exact matches, in which:
282 unique CDR3
13 unique J



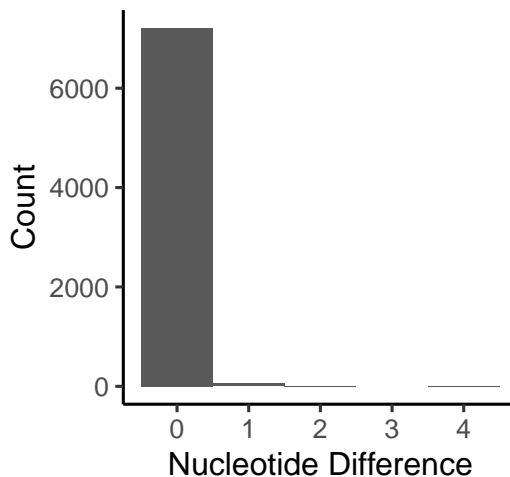
TRBV6-56*ap01

16987 sequences assigned
16783 (98.8%) exact matches, in which:
16413 unique CDR3
13 unique J



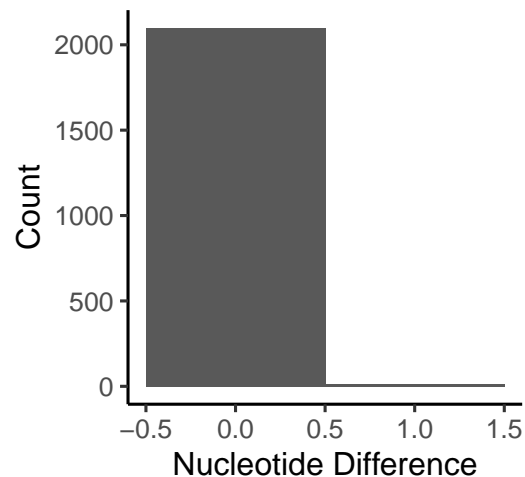
TRBV7-2*ap01

7272 sequences assigned
7211 (99.2%) exact matches, in which:
7094 unique CDR3
13 unique J



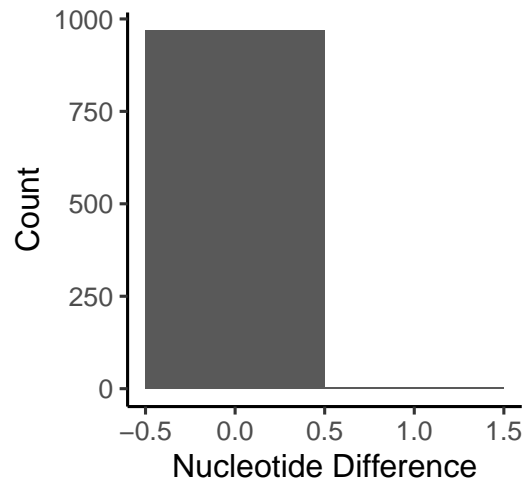
TRBV7-6*ap01

2113 sequences assigned
2098 (99.3%) exact matches, in which:
2065 unique CDR3
13 unique J



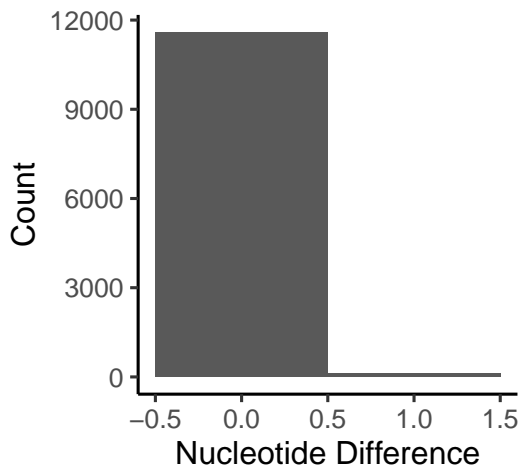
TRBV7-7*ap01

974 sequences assigned
969 (99.5%) exact matches, in which:
953 unique CDR3
13 unique J



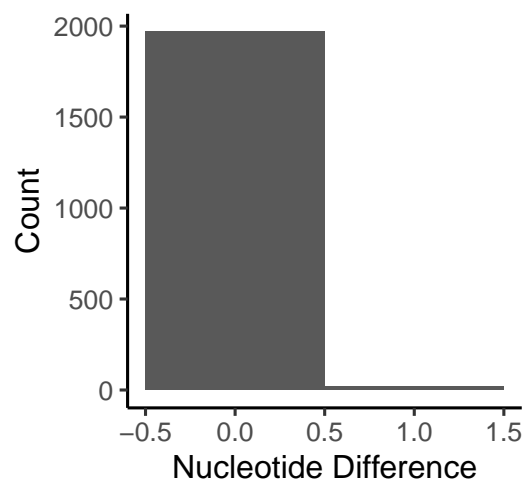
TRBV7-9*ap01

11700 sequences assigned
11594 (99.1%) exact matches, in which:
11406 unique CDR3
13 unique J



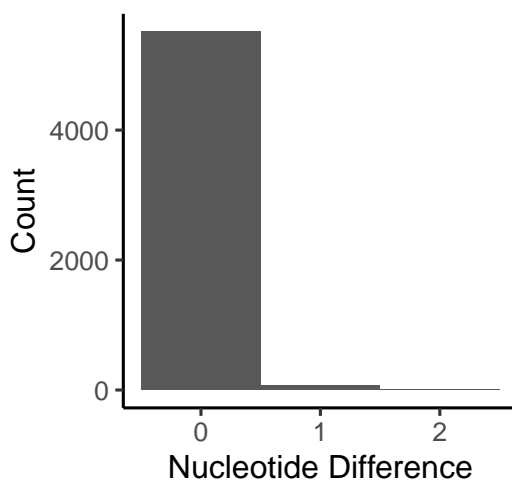
TRBV7-8*ap01

1991 sequences assigned
1969 (98.9%) exact matches, in which:
1941 unique CDR3
13 unique J



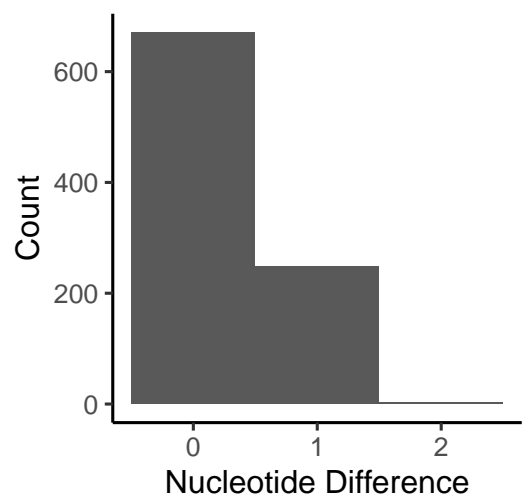
TRBV29-1*ap01

5581 sequences assigned
5514 (98.8%) exact matches, in which:
5407 unique CDR3
13 unique J



TRBV7-8*ap03

922 sequences assigned
671 (72.8%) exact matches, in which:
660 unique CDR3
13 unique J



TRBV29-1*ap02

1030 sequences assigned
1023 (99.3%) exact matches, in which:
1006 unique CDR3
13 unique J

