

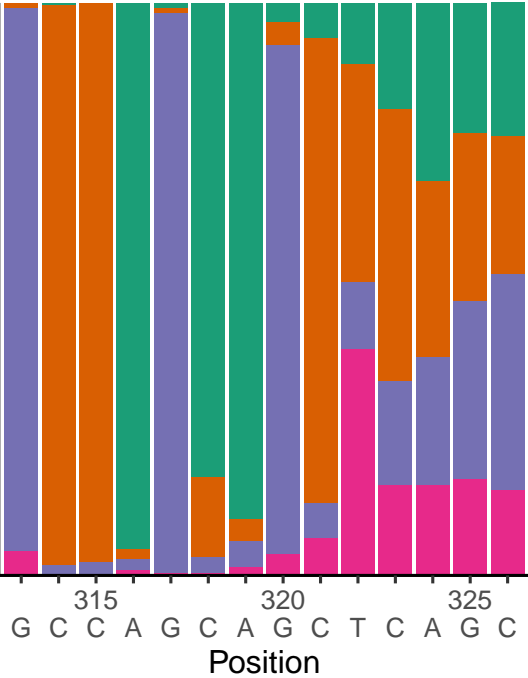
Gene TRBV7-1*ap01_T296C

Count

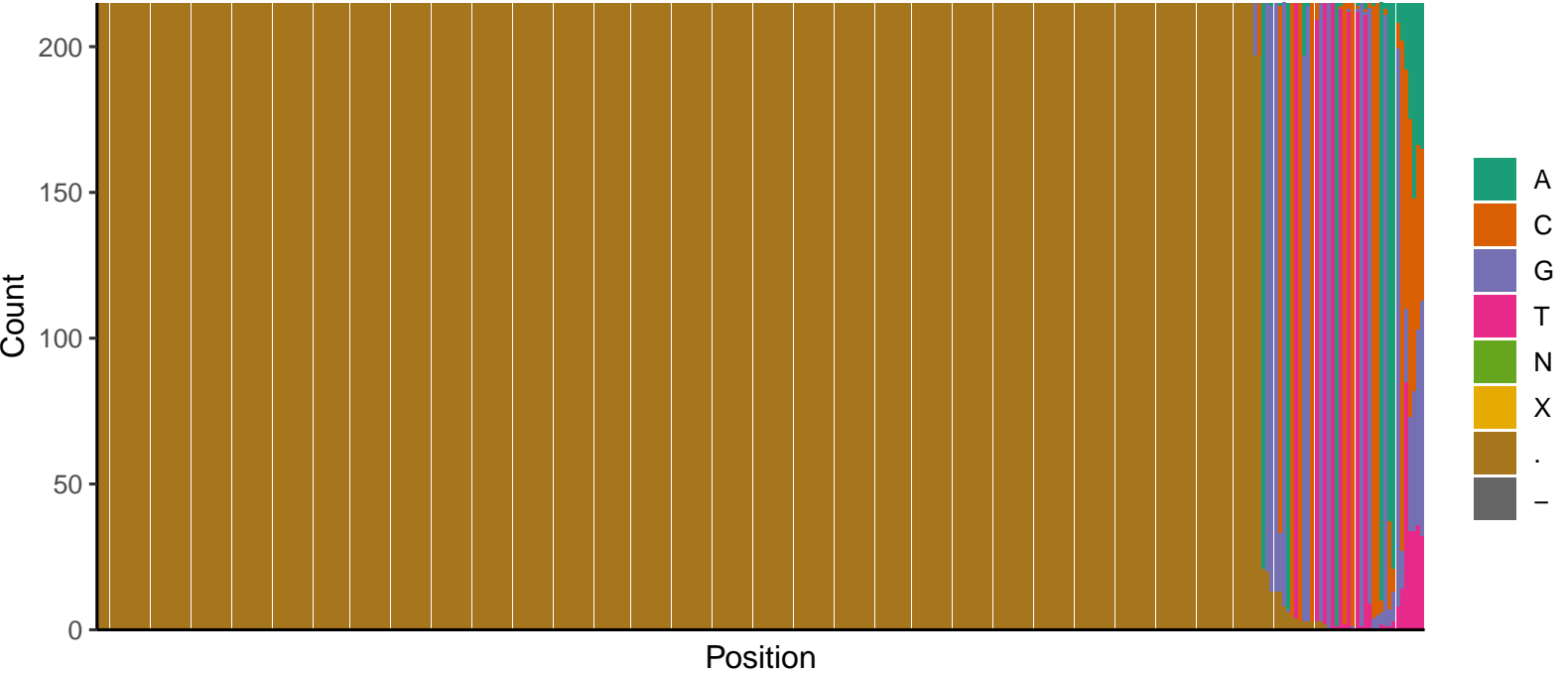
A
C
G
T

200
150
100
50
0

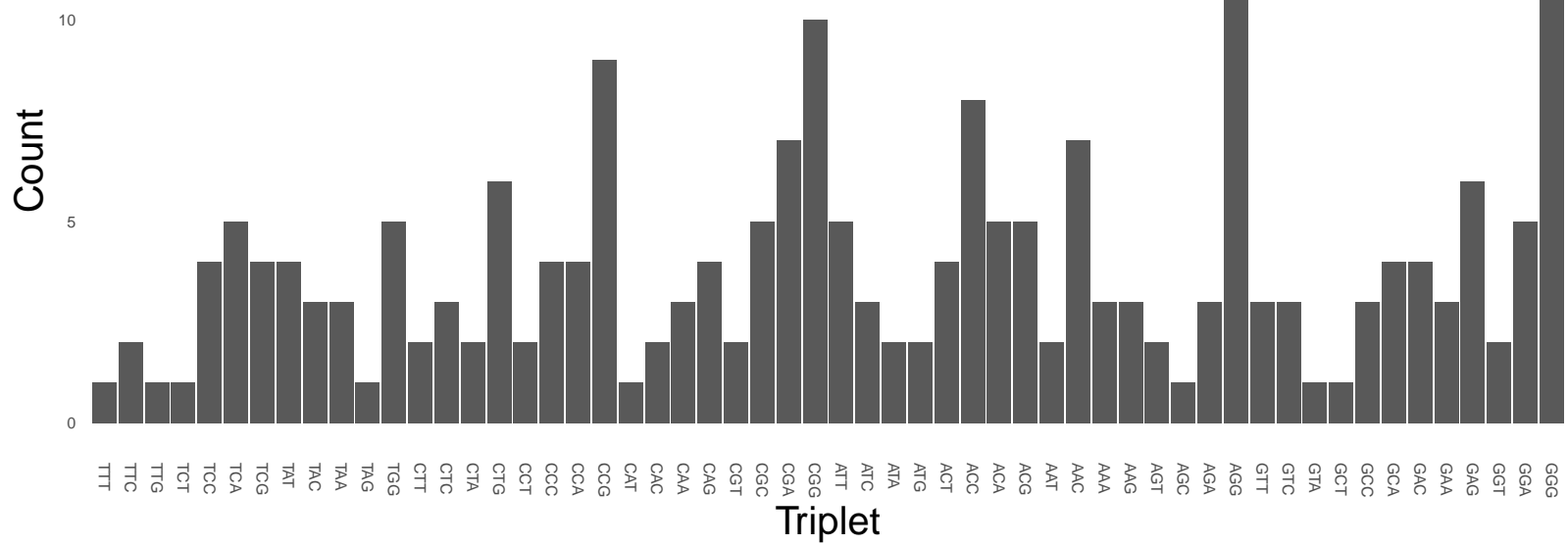
315 320 325
G C C A G C A G C T C A G C
Position



Gene TRBV7-1*ap01_T296C

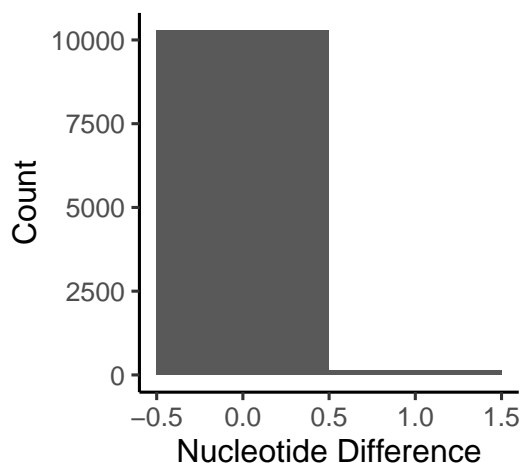


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



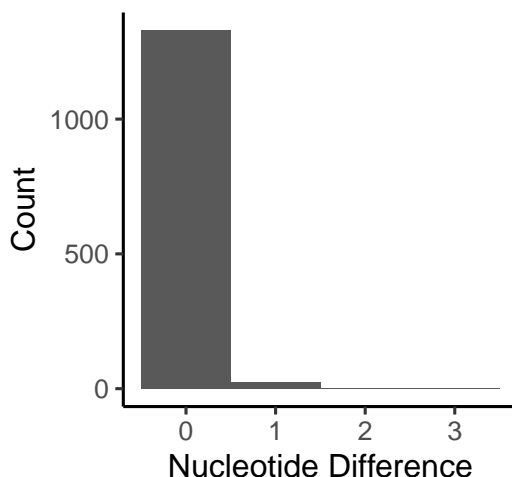
TRBV20-1*ap01

10435 sequences assigned
10292 (98.6%) exact matches, in which:
10045 unique CDR3
13 unique J



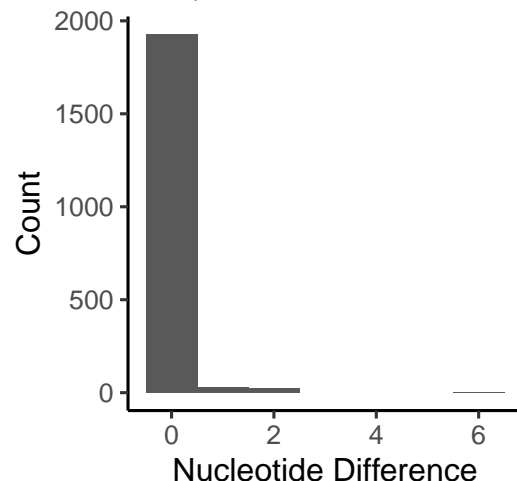
TRBV10-2*ap01

1355 sequences assigned
1329 (98.1%) exact matches, in which:
1291 unique CDR3
13 unique J



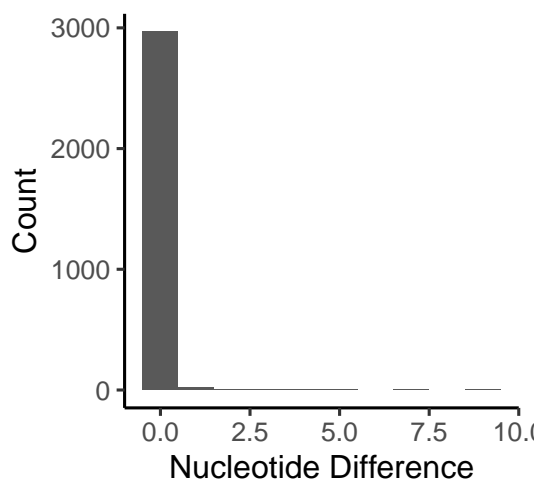
TRBV13*ap01

1980 sequences assigned
1927 (97.3%) exact matches, in which:
1858 unique CDR3
13 unique J



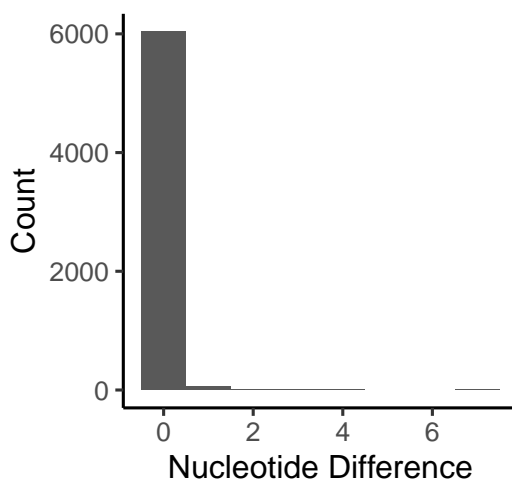
TRBV10-1*ap01

2996 sequences assigned
2968 (99.1%) exact matches, in which:
2896 unique CDR3
13 unique J



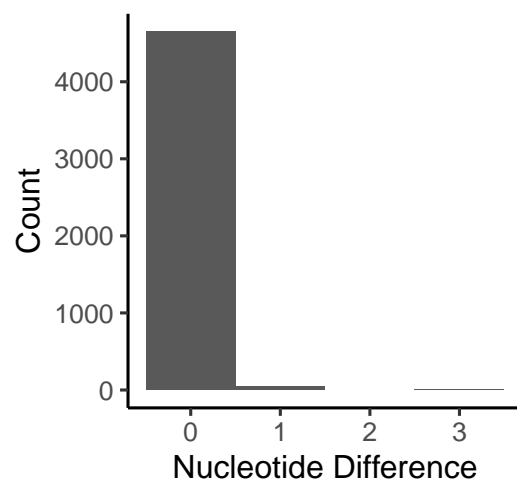
TRBV10-3*ap01

6106 sequences assigned
6036 (98.9%) exact matches, in which:
5895 unique CDR3
13 unique J



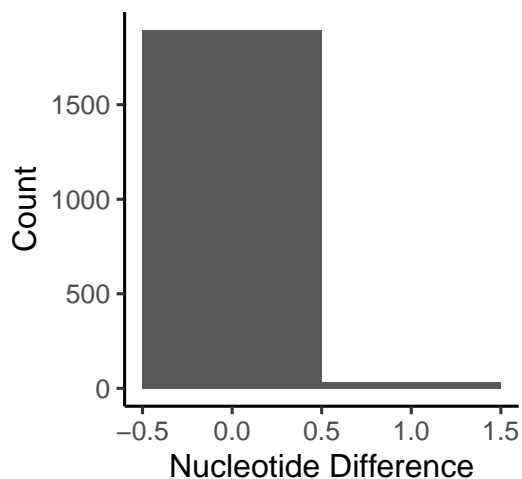
TRBV14*ap01

4692 sequences assigned
4649 (99.1%) exact matches, in which:
4546 unique CDR3
13 unique J



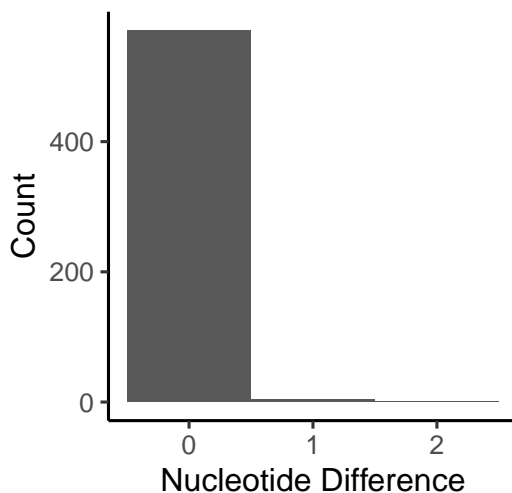
TRBV20-1*ap02

1928 sequences assigned
1895 (98.3%) exact matches, in which:
1856 unique CDR3
13 unique J



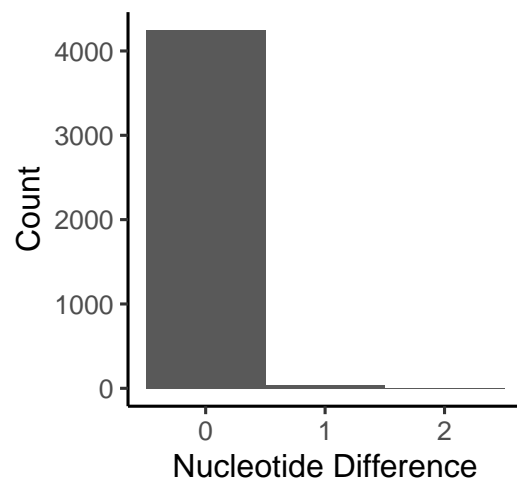
TRBV1*ap01

576 sequences assigned
571 (99.1%) exact matches, in which:
553 unique CDR3
13 unique J



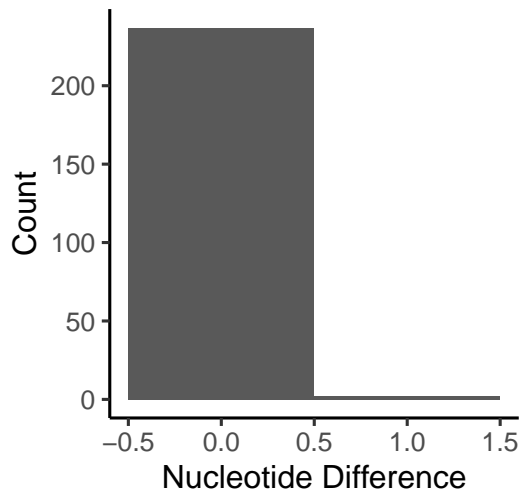
TRBV15*ap02

4294 sequences assigned
4248 (98.9%) exact matches, in which:
4155 unique CDR3
13 unique J



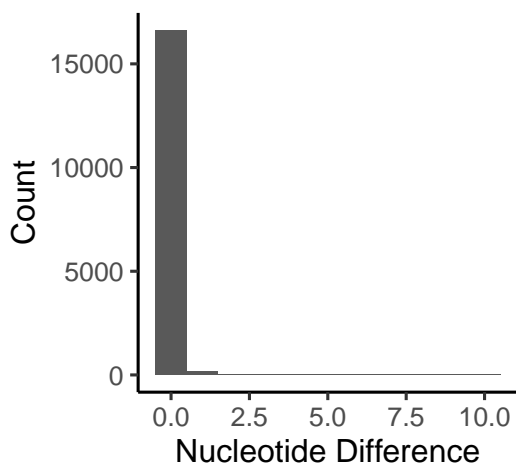
TRBV16*ap01

239 sequences assigned
237 (99.2%) exact matches, in which:
236 unique CDR3
13 unique J



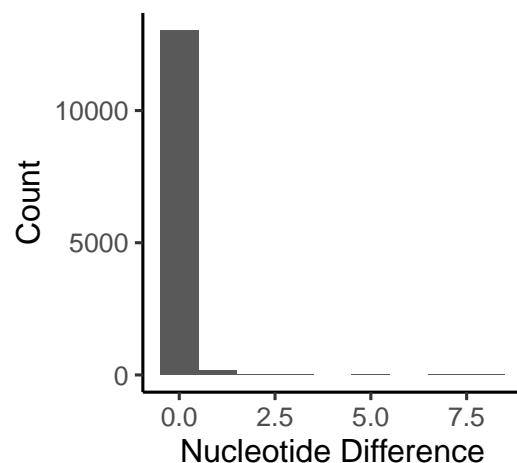
TRBV19*ap01

16837 sequences assigned
16626 (98.7%) exact matches, in which:
16349 unique CDR3
13 unique J



TRBV27*ap01

13217 sequences assigned
13042 (98.7%) exact matches, in which:
12673 unique CDR3
13 unique J



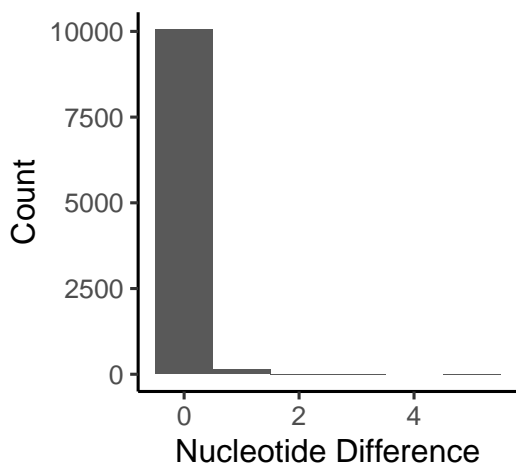
TRBV17*ap01

1 sequences assigned
No exact matches.



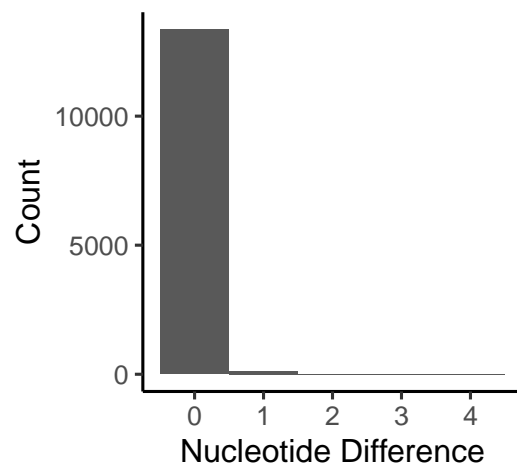
TRBV2*ap01

10198 sequences assigned
10056 (98.6%) exact matches, in which:
9795 unique CDR3
13 unique J



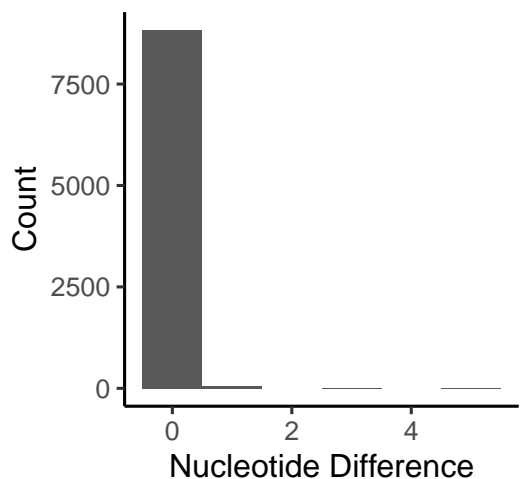
TRBV28*ap01

13489 sequences assigned
13358 (99%) exact matches, in which:
13009 unique CDR3
13 unique J



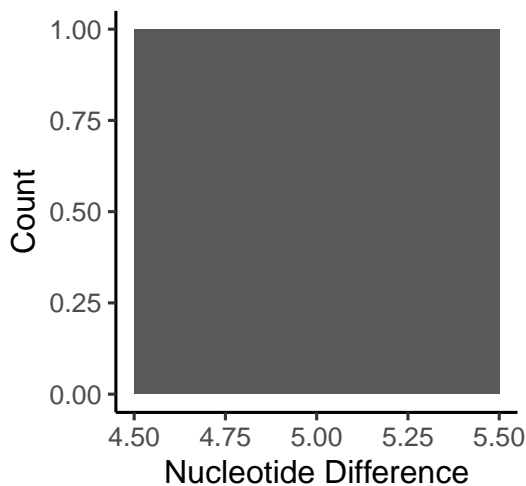
TRBV18*ap01

8897 sequences assigned
8832 (99.3%) exact matches, in which:
8691 unique CDR3
13 unique J



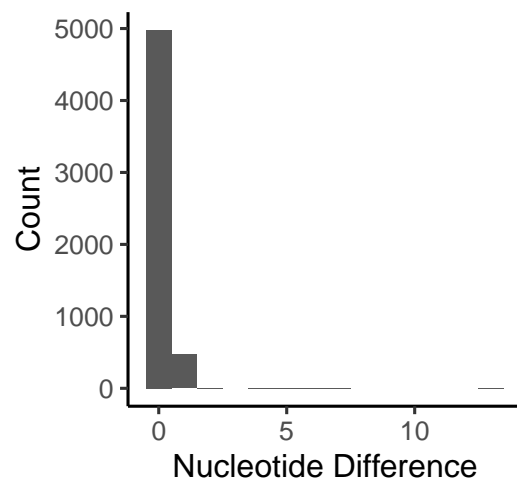
TRBV26*ap01

1 sequences assigned
No exact matches.



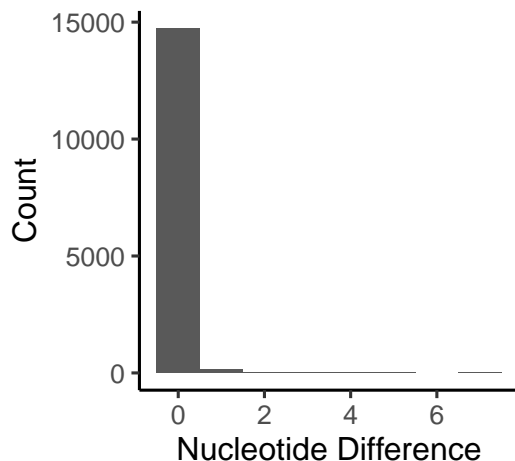
TRBV30*ap01

5464 sequences assigned
4979 (91.1%) exact matches, in which:
4880 unique CDR3
13 unique J



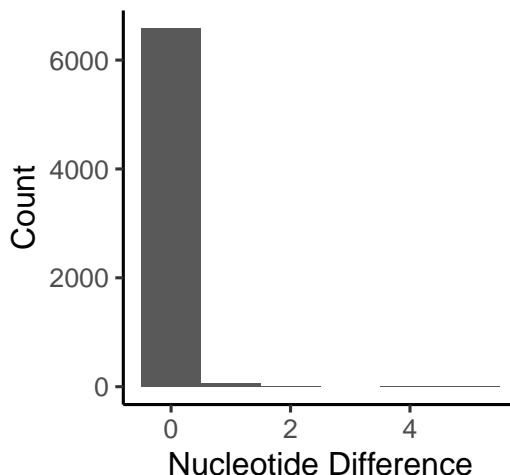
TRBV9*ap01

14919 sequences assigned
14743 (98.8%) exact matches, in which:
14401 unique CDR3
13 unique J



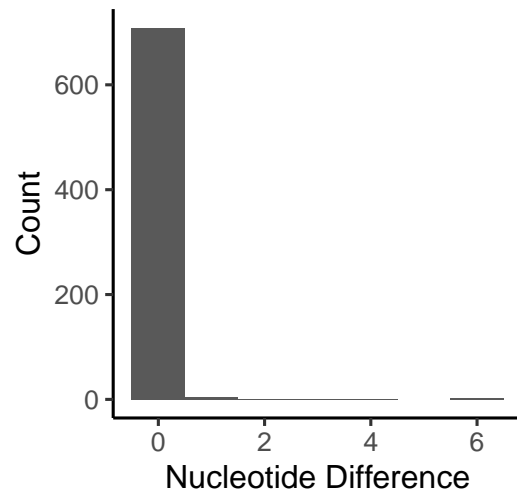
TRBV11-2*ap01

6657 sequences assigned
6582 (98.9%) exact matches, in which:
6419 unique CDR3
13 unique J



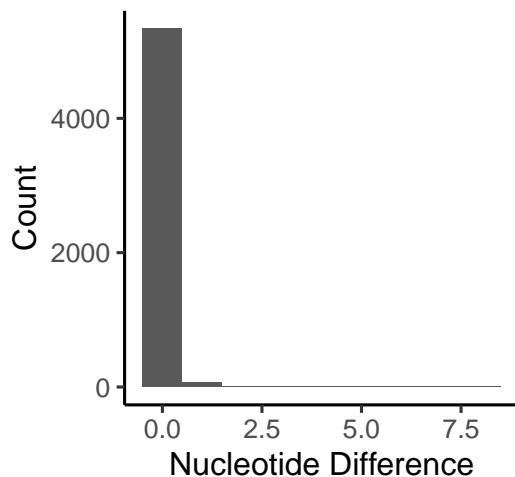
TRBV12-2*ap01

719 sequences assigned
709 (98.6%) exact matches, in which:
692 unique CDR3
13 unique J



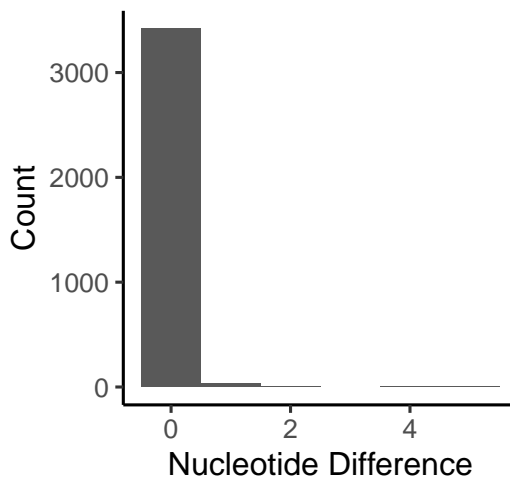
TRBV21-1*ap01

5423 sequences assigned
5334 (98.4%) exact matches, in which:
5231 unique CDR3
13 unique J



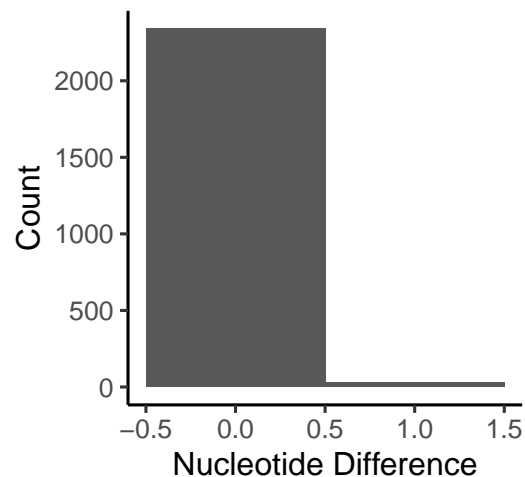
TRBV11-3*ap01

3450 sequences assigned
3418 (99.1%) exact matches, in which:
3352 unique CDR3
13 unique J



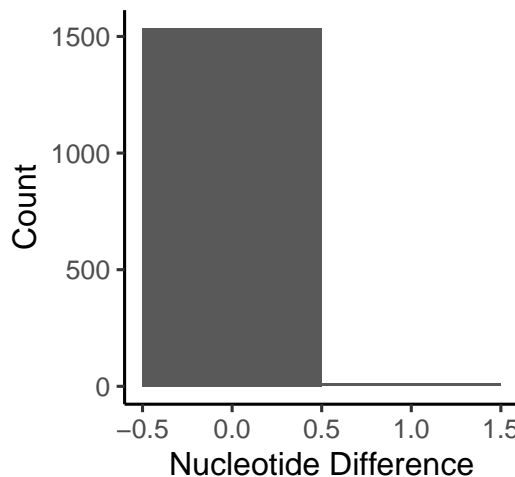
TRBV12-5*ap01

2372 sequences assigned
2340 (98.7%) exact matches, in which:
2284 unique CDR3
13 unique J



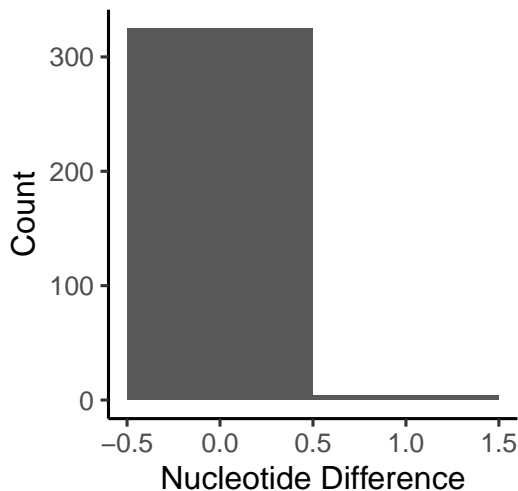
TRBV11-1*ap01

1548 sequences assigned
1536 (99.2%) exact matches, in which:
1498 unique CDR3
13 unique J



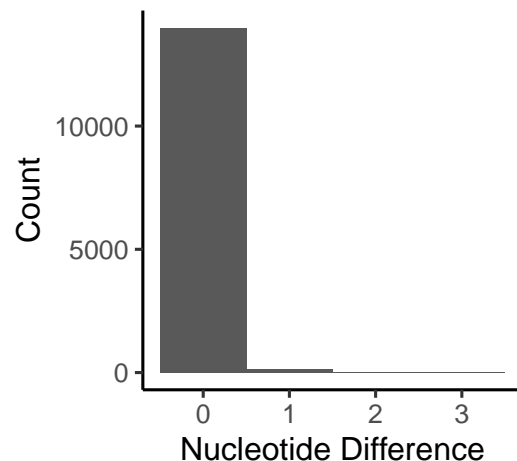
TRBV12-1*ap01

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



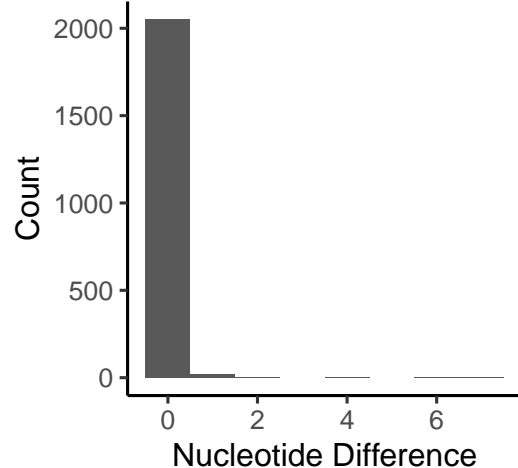
TRBV12-34*ap01

14156 sequences assigned
13986 (98.8%) exact matches, in which:
13669 unique CDR3
13 unique J



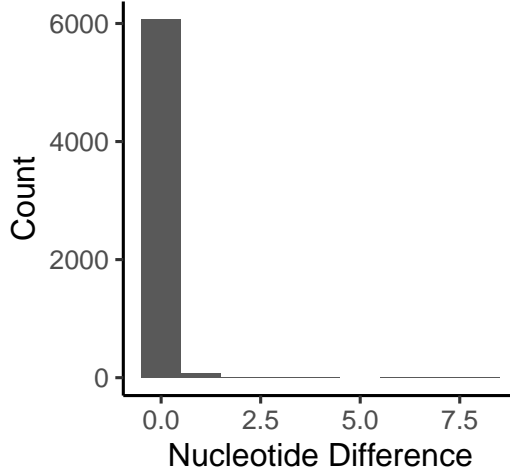
TRBV23-1*ap01

2078 sequences assigned
2051 (98.7%) exact matches, in which:
2008 unique CDR3
13 unique J



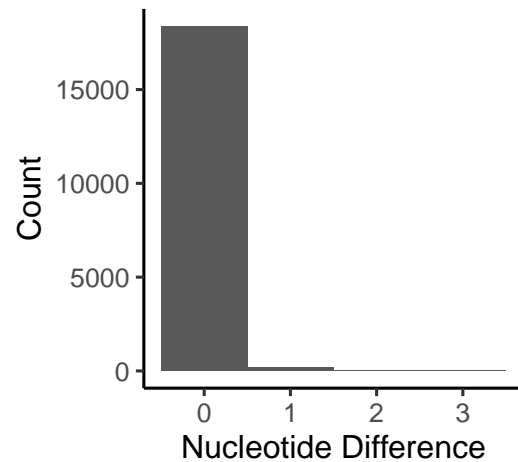
TRBV24-1*ap01

6163 sequences assigned
6069 (98.5%) exact matches, in which:
5952 unique CDR3
13 unique J



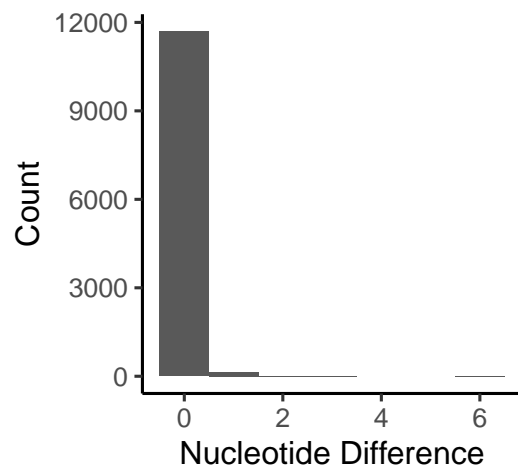
TRBV5-1*ap01

18580 sequences assigned
18381 (98.9%) exact matches, in which:
17894 unique CDR3
13 unique J



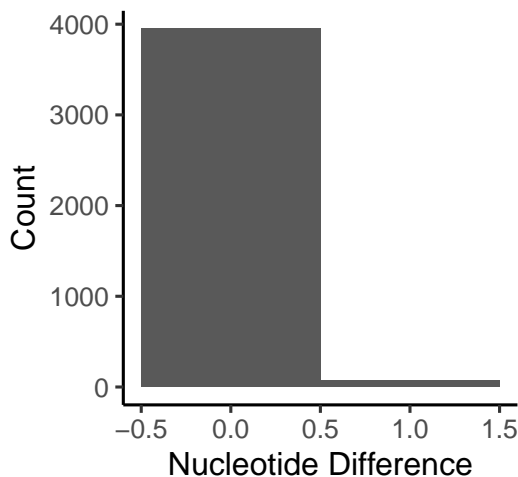
TRBV3-12*ap01

11850 sequences assigned
11693 (98.7%) exact matches, in which:
11425 unique CDR3
13 unique J



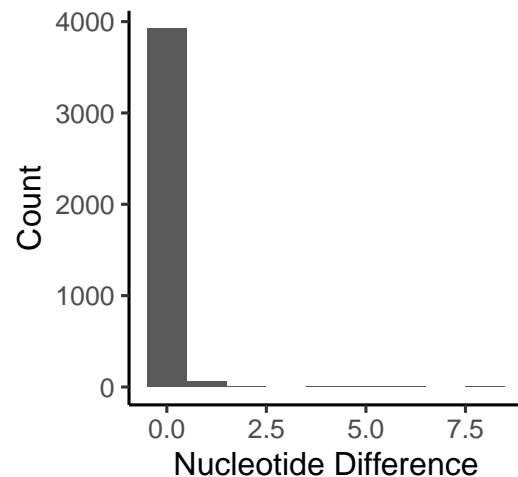
TRBV4-2*ap01

4017 sequences assigned
3950 (98.3%) exact matches, in which:
3863 unique CDR3
13 unique J



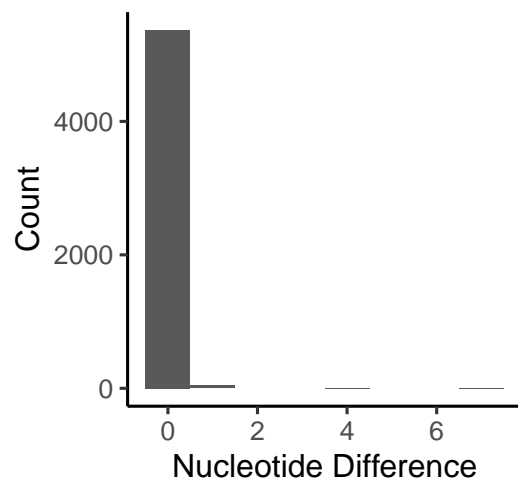
TRBV25-1*ap01

3991 sequences assigned
3922 (98.3%) exact matches, in which:
3830 unique CDR3
13 unique J



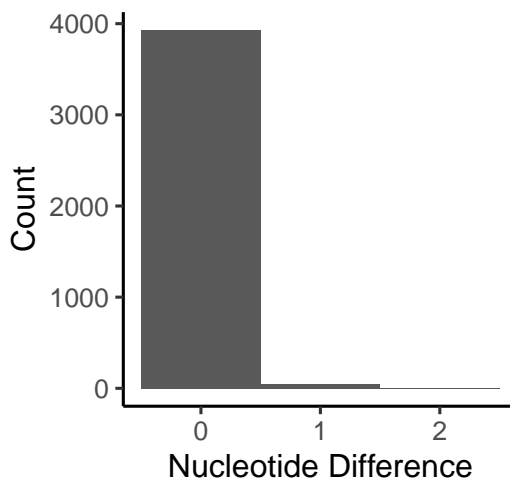
TRBV4-1*ap01

5413 sequences assigned
5369 (99.2%) exact matches, in which:
5231 unique CDR3
13 unique J



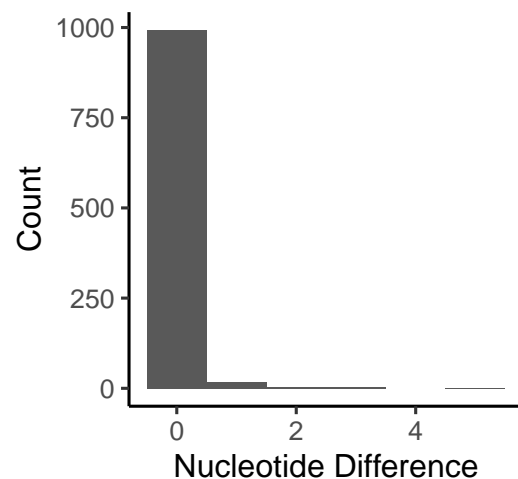
TRBV4-3*ap01

3979 sequences assigned
3930 (98.8%) exact matches, in which:
3814 unique CDR3
13 unique J



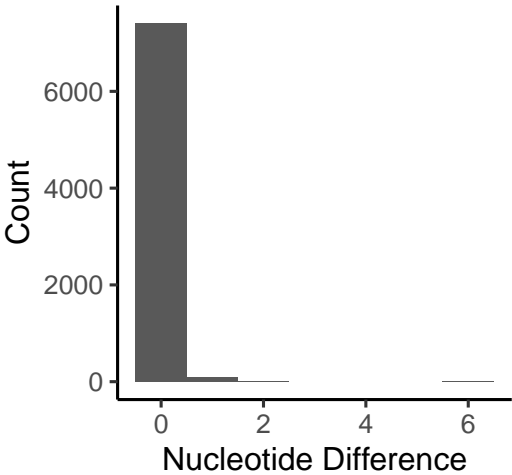
TRBV5-3*ap01

1019 sequences assigned
993 (97.4%) exact matches, in which:
980 unique CDR3
13 unique J



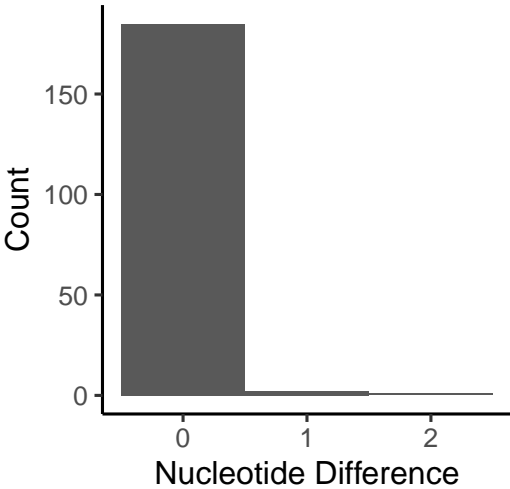
TRBV5-4*ap01

7504 sequences assigned
7404 (98.7%) exact matches, in which:
7214 unique CDR3
13 unique J



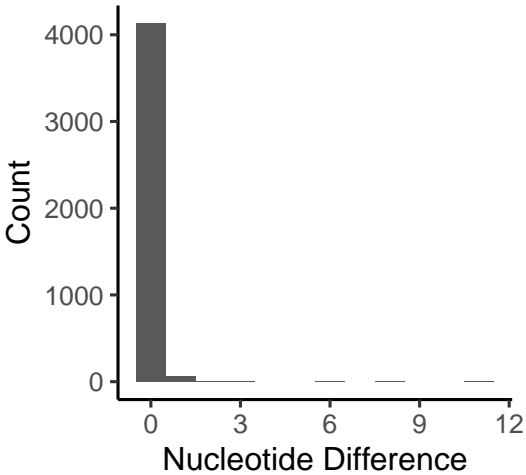
TRBV5-7*ap01

188 sequences assigned
185 (98.4%) exact matches, in which:
184 unique CDR3
13 unique J



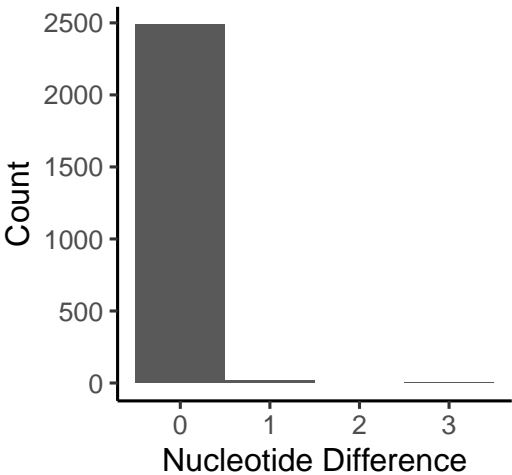
TRBV6-4*ap01

4206 sequences assigned
4131 (98.2%) exact matches, in which:
4054 unique CDR3
13 unique J



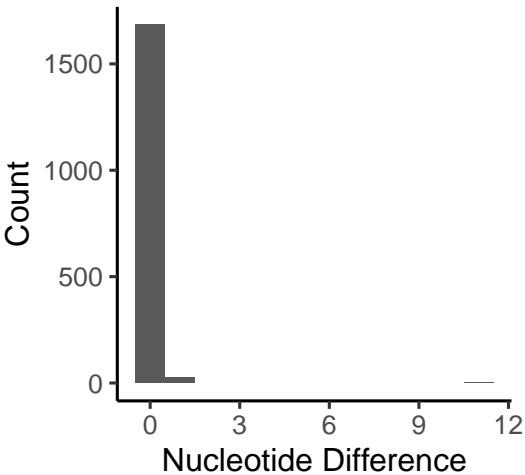
TRBV5-5*ap01

2506 sequences assigned
2487 (99.2%) exact matches, in which:
2459 unique CDR3
13 unique J



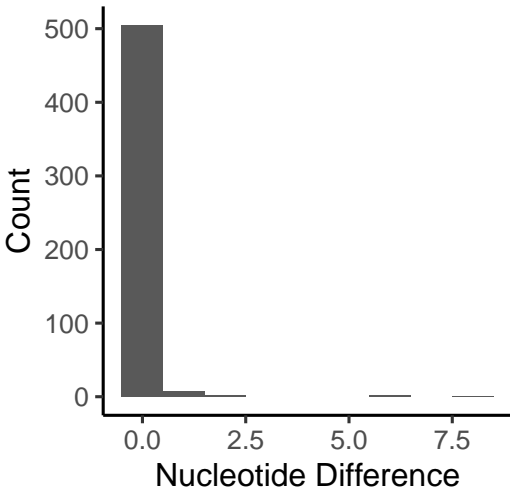
TRBV5-8*ap01

1710 sequences assigned
1684 (98.5%) exact matches, in which:
1655 unique CDR3
13 unique J



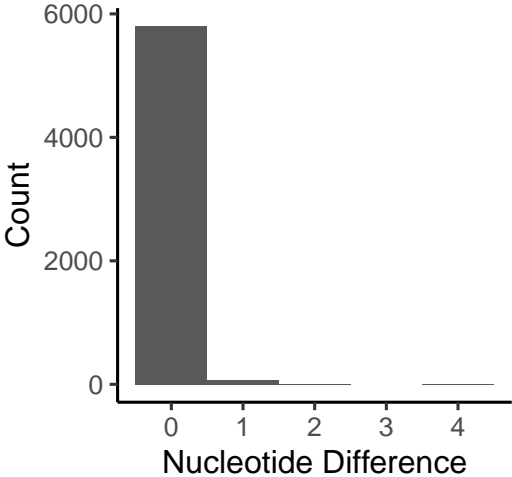
TRBV6-7*ap01

517 sequences assigned
505 (97.7%) exact matches, in which:
489 unique CDR3
14 unique J



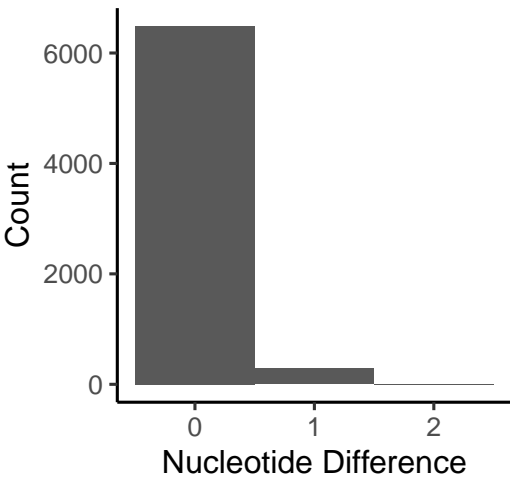
TRBV5-6*ap01

5879 sequences assigned
5803 (98.7%) exact matches, in which:
5668 unique CDR3
13 unique J



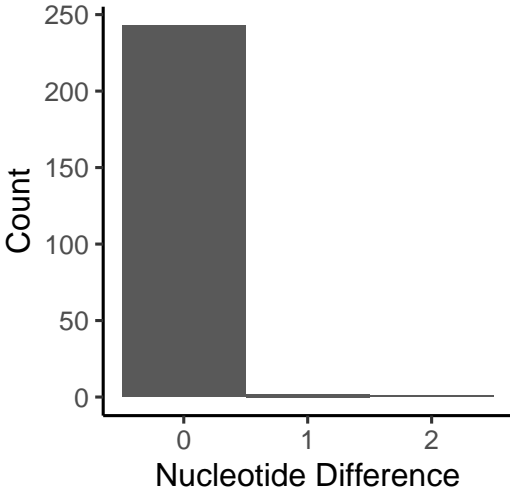
TRBV6-1*ap01

6777 sequences assigned
6488 (95.7%) exact matches, in which:
6315 unique CDR3
13 unique J



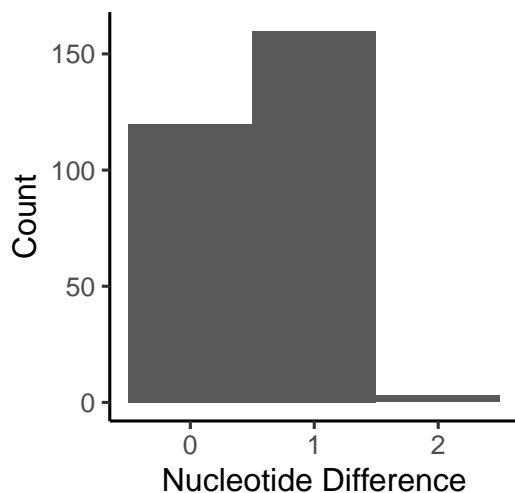
TRBV6-8*ap01

246 sequences assigned
243 (98.8%) exact matches, in which:
237 unique CDR3
13 unique J



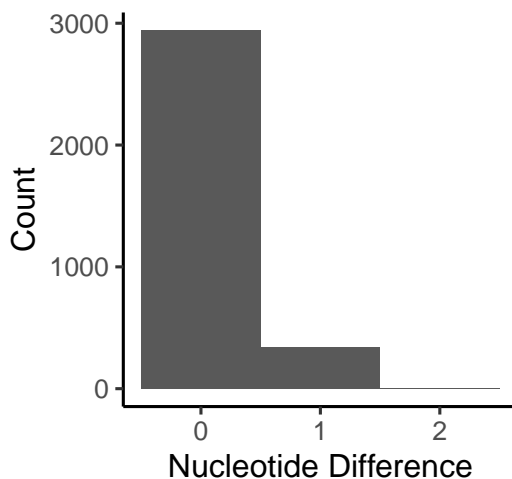
TRBV6-9*ap01

283 sequences assigned
120 (42.4%) exact matches, in which:
116 unique CDR3
13 unique J



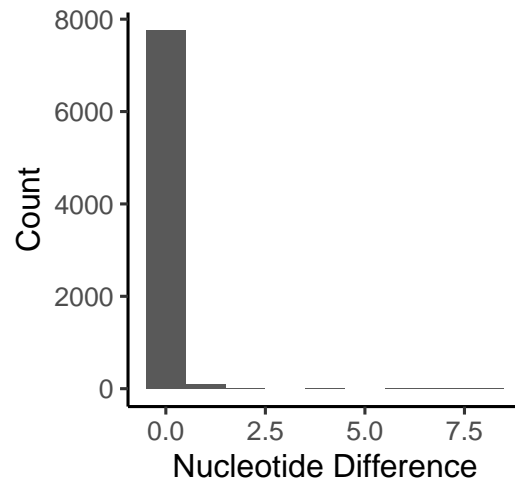
TRBV6-56*ap02

3289 sequences assigned
2941 (89.4%) exact matches, in which:
2867 unique CDR3
13 unique J



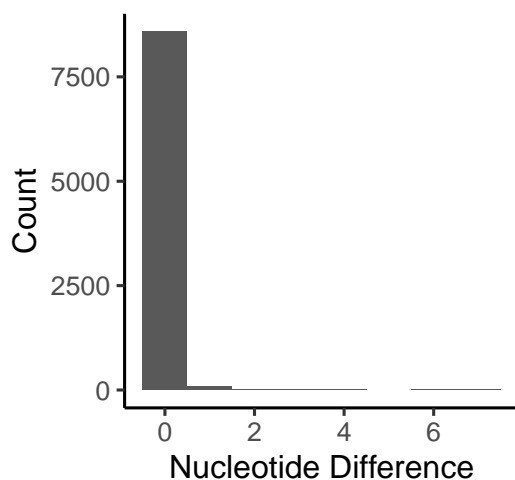
TRBV7-3*ap01

7864 sequences assigned
7757 (98.6%) exact matches, in which:
7616 unique CDR3
13 unique J



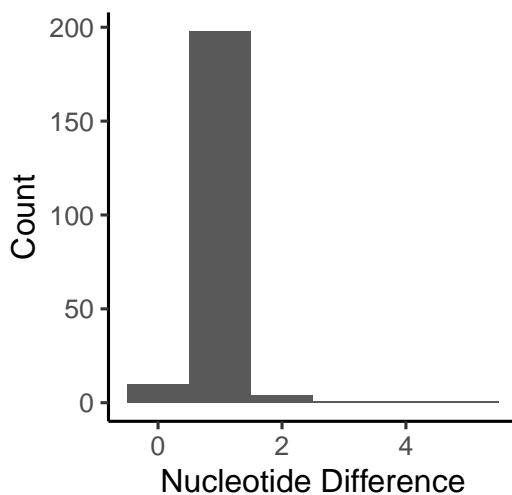
TRBV6-23*ap01

8677 sequences assigned
8581 (98.9%) exact matches, in which:
8327 unique CDR3
13 unique J



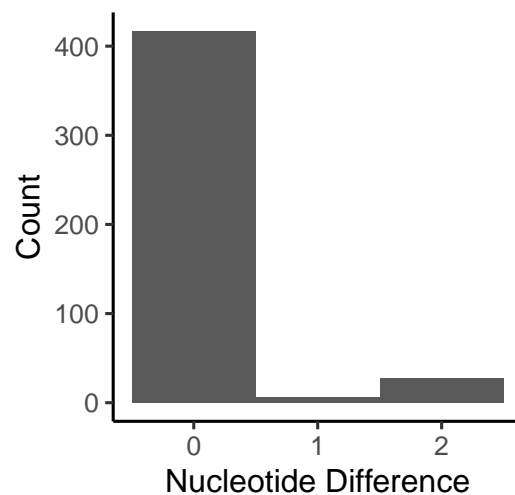
TRBV7-1*ap01_T296C

215 sequences assigned
10 (4.7%) exact matches, in which:
10 unique CDR3
7 unique J



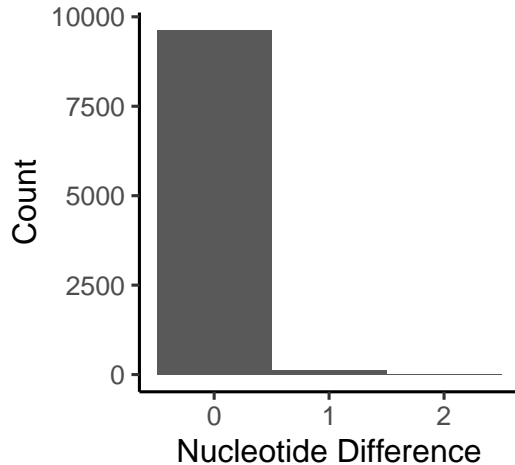
TRBV7-4*ap01

450 sequences assigned
417 (92.7%) exact matches, in which:
402 unique CDR3
13 unique J



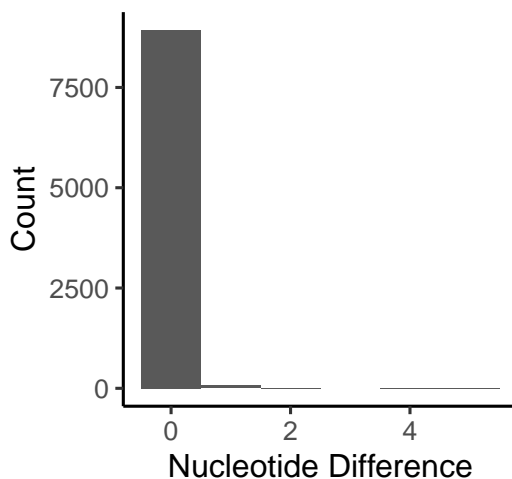
TRBV6-56*ap01

9762 sequences assigned
9637 (98.7%) exact matches, in which:
9366 unique CDR3
13 unique J



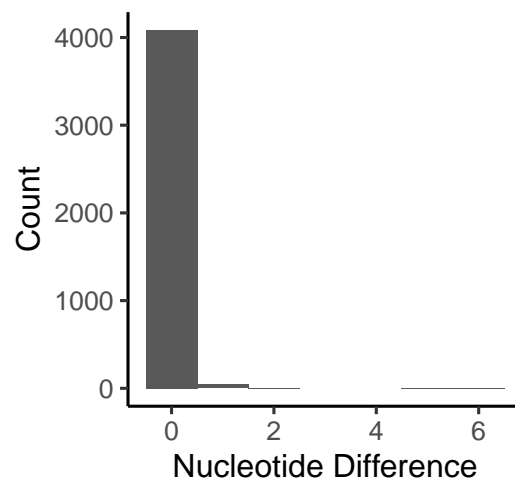
TRBV7-2*ap01

9008 sequences assigned
8931 (99.1%) exact matches, in which:
8701 unique CDR3
14 unique J



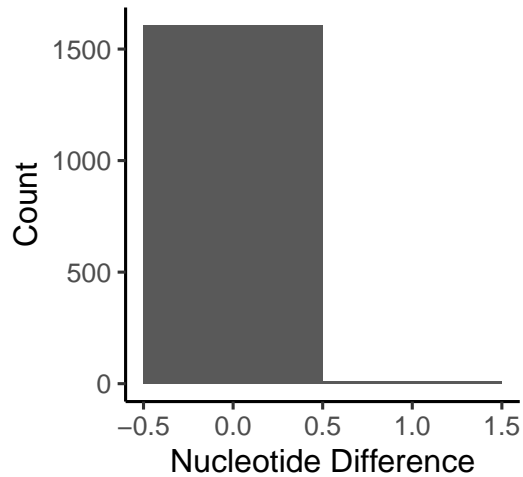
TRBV7-6*ap01

4134 sequences assigned
4085 (98.8%) exact matches, in which:
3989 unique CDR3
13 unique J



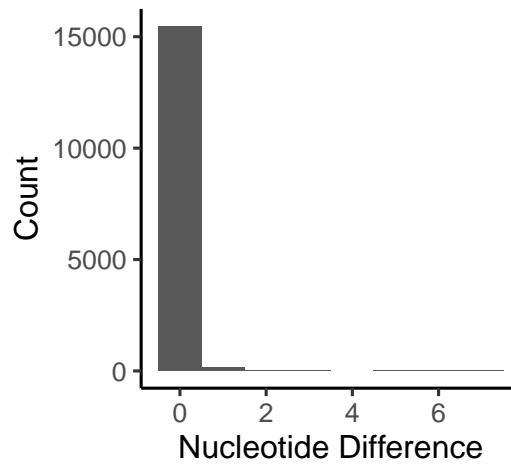
TRBV7-7*ap01

1616 sequences assigned
1606 (99.4%) exact matches, in which:
1570 unique CDR3
13 unique J



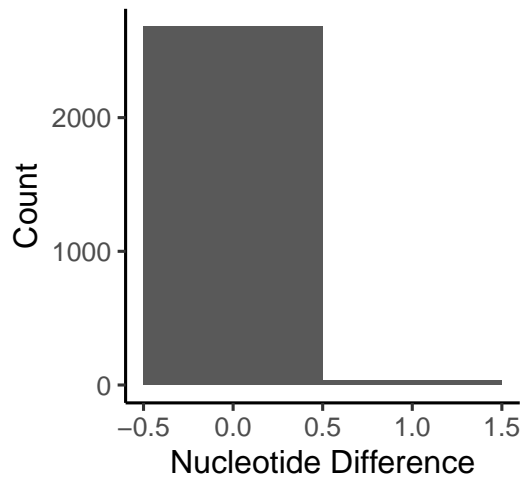
TRBV7-9*ap01

15622 sequences assigned
15474 (99.1%) exact matches, in which:
15183 unique CDR3
13 unique J



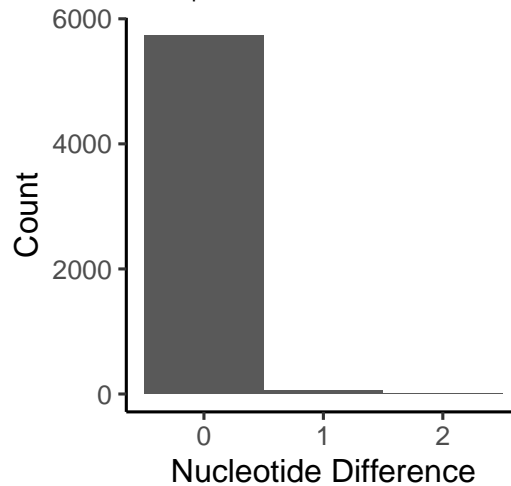
TRBV7-8*ap01

2714 sequences assigned
2680 (98.7%) exact matches, in which:
2613 unique CDR3
13 unique J



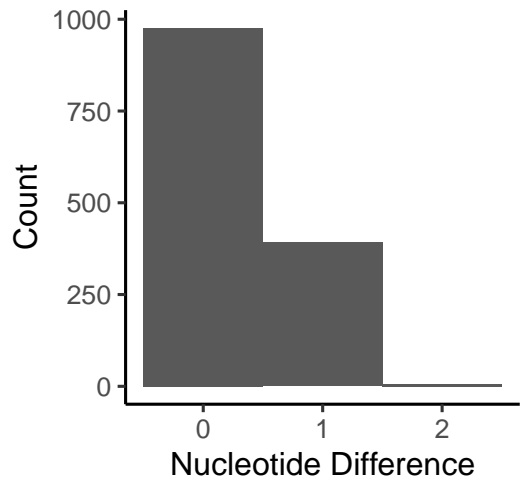
TRBV29-1*ap01

5793 sequences assigned
5729 (98.9%) exact matches, in which:
5632 unique CDR3
13 unique J



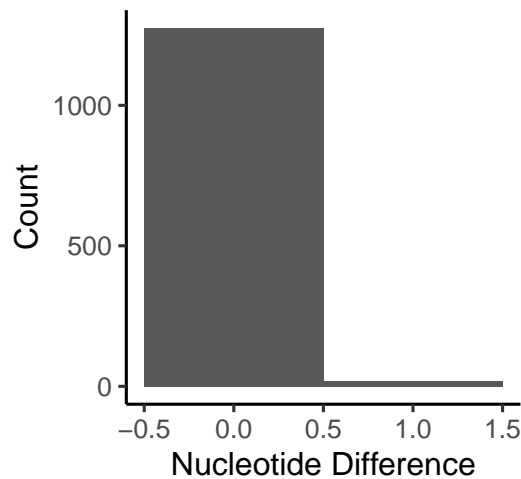
TRBV7-8*ap03

1374 sequences assigned
976 (71%) exact matches, in which:
951 unique CDR3
13 unique J

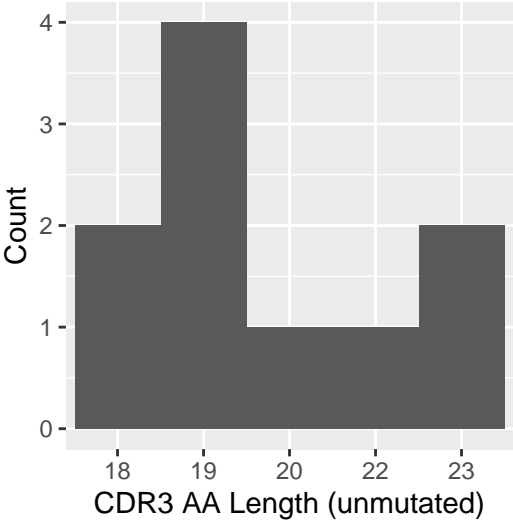


TRBV29-1*ap02

1294 sequences assigned
1275 (98.5%) exact matches, in which:
1243 unique CDR3
13 unique J



TRBV7-1*ap01_T296C





[illegible]