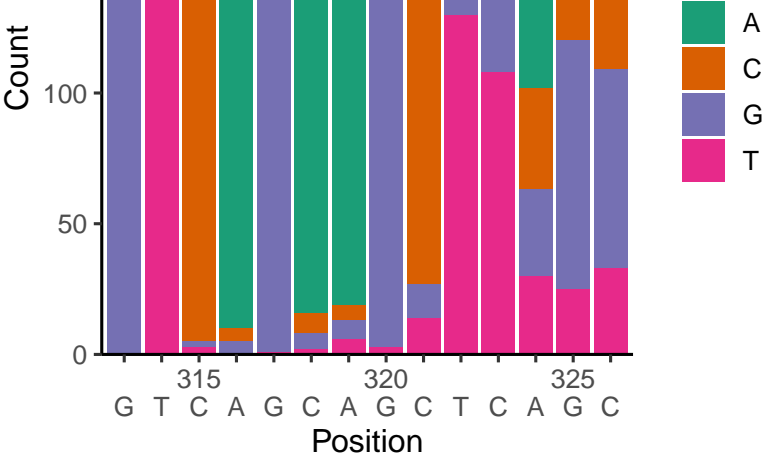
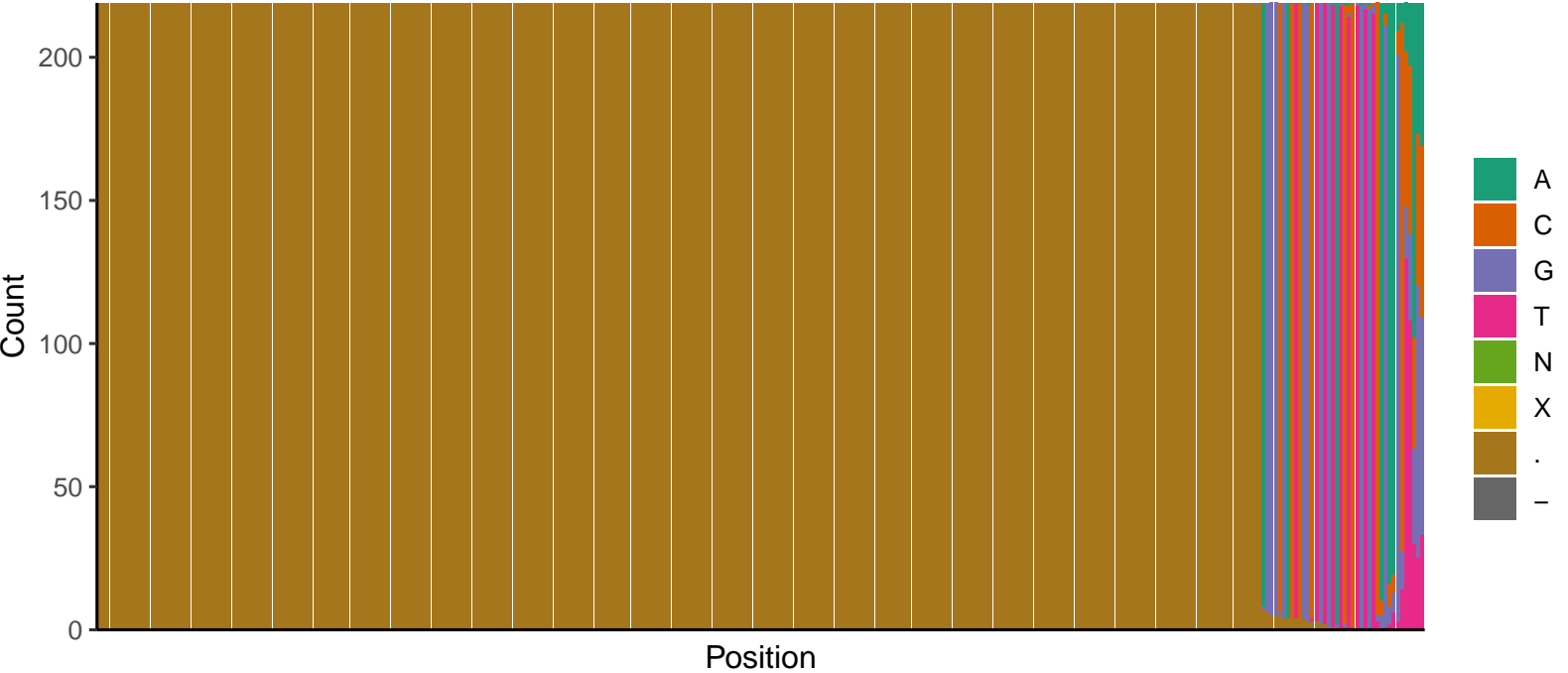


Gene TRBV7-1*ap01_T296C_C314T



Gene TRBV7-1*ap01_T296C_C314T



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

Count

15

10

5

0

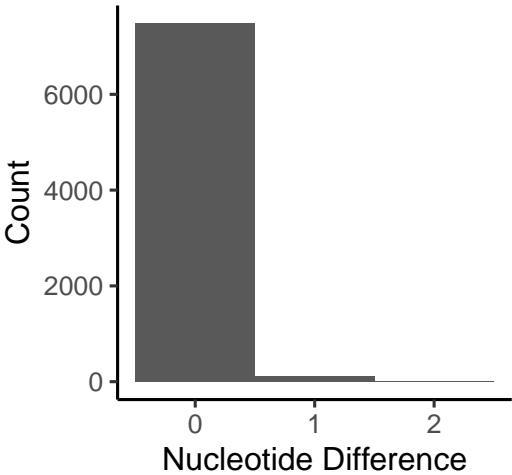
Triplet

TTT
TTC
TTA
TCT
TCG
TCA
TCG
TAC
TAA
TAG
TGT
TGC
TGA
TGG
CTC
CTA
CTG
CCT
CCC
CCA
CCG
CAC
CAA
CAG
CGC
CGA
CGG
ATT
ATC
ACT
ACC
ACA
ACG
AAT
AAC
AAA
AAG
AGT
AGC
AGA
AGG
GTT
GTC
GTG
GCT
GCA
GAT
GAC
GAA
GAG
GGA
GGG



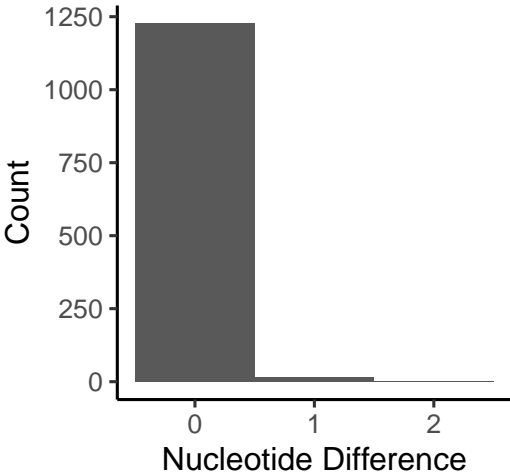
TRBV20-1*ap01

7595 sequences assigned
7481 (98.5%) exact matches, in which:
7320 unique CDR3
13 unique J



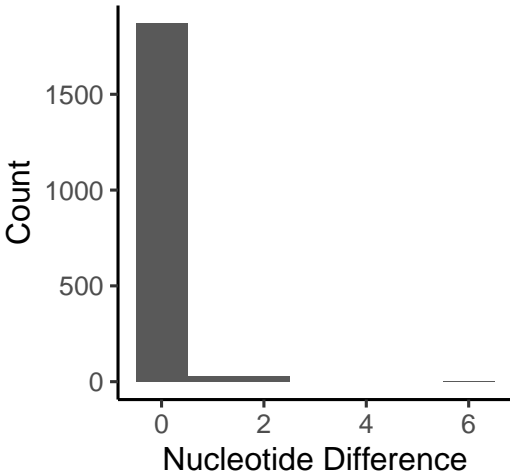
TRBV10-2*ap01

1243 sequences assigned
1227 (98.7%) exact matches, in which:
1198 unique CDR3
13 unique J



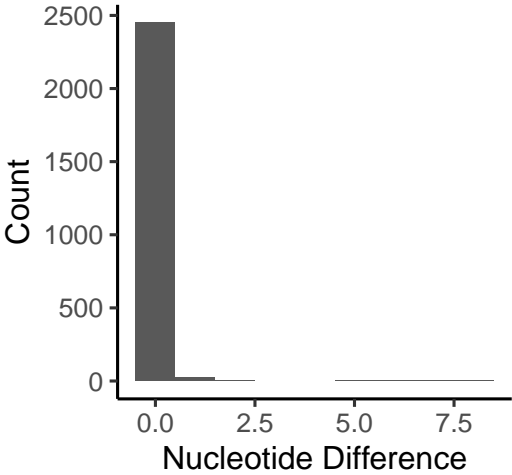
TRBV13*ap01

1925 sequences assigned
1870 (97.1%) exact matches, in which:
1822 unique CDR3
13 unique J



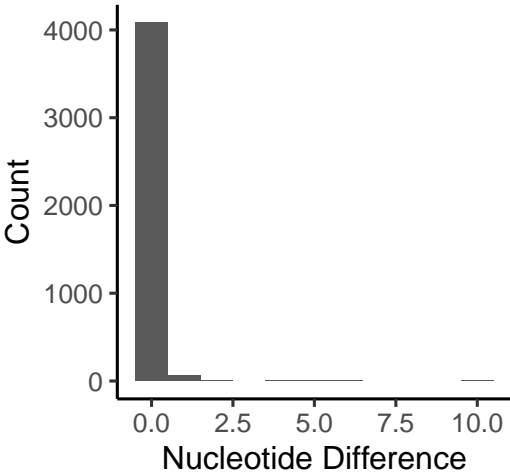
TRBV10-1*ap01

2479 sequences assigned
2450 (98.8%) exact matches, in which:
2401 unique CDR3
13 unique J



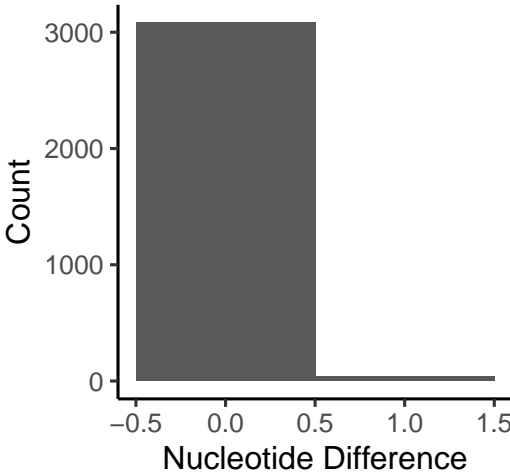
TRBV10-3*ap01

4145 sequences assigned
4082 (98.5%) exact matches, in which:
3988 unique CDR3
13 unique J



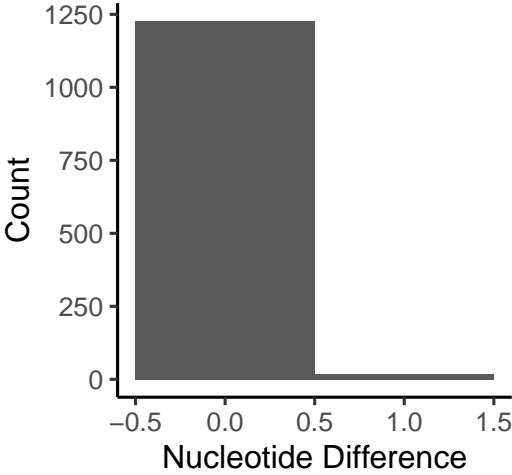
TRBV14*ap01

3121 sequences assigned
3082 (98.8%) exact matches, in which:
3012 unique CDR3
13 unique J



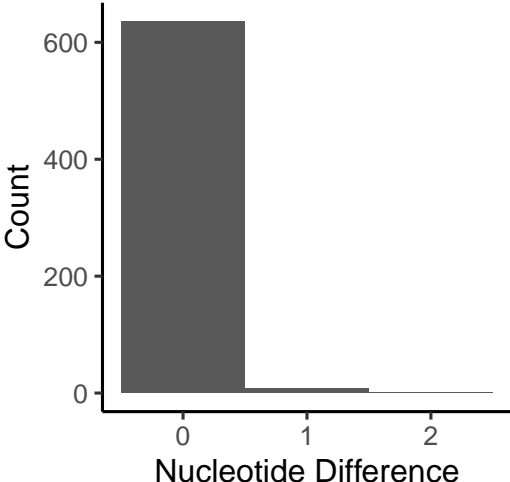
TRBV20-1*ap02

1245 sequences assigned
1227 (98.6%) exact matches, in which:
1207 unique CDR3
13 unique J



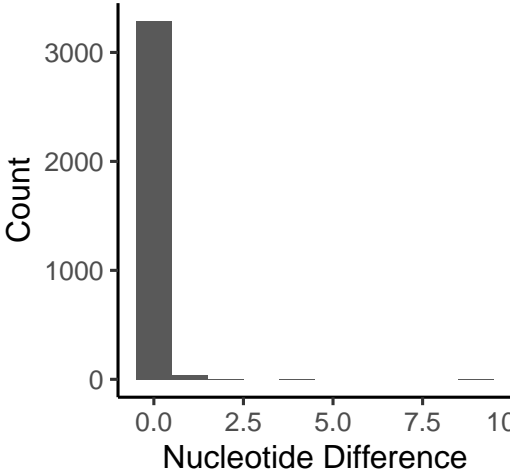
TRBV1*ap01

644 sequences assigned
636 (98.8%) exact matches, in which:
621 unique CDR3
13 unique J



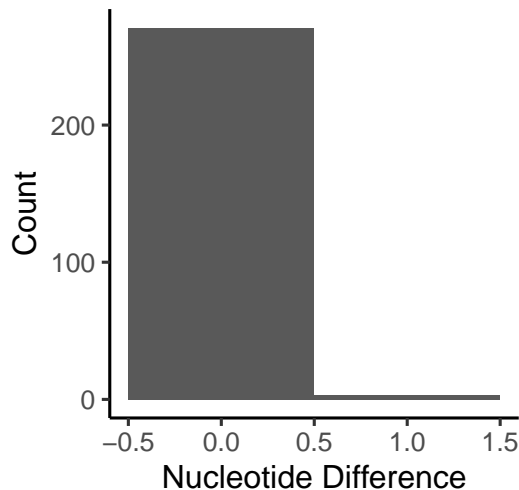
TRBV15*ap02

3332 sequences assigned
3288 (98.7%) exact matches, in which:
3192 unique CDR3
13 unique J



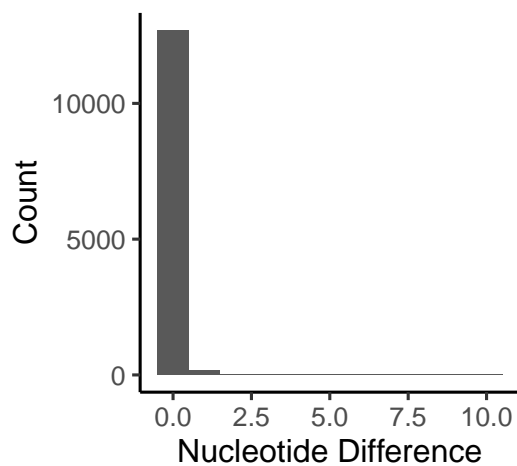
TRBV16*ap01

274 sequences assigned
271 (98.9%) exact matches, in which:
266 unique CDR3
13 unique J



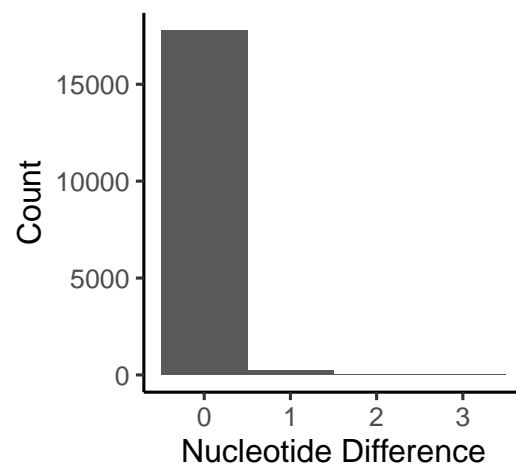
TRBV19*ap01

12866 sequences assigned
12697 (98.7%) exact matches, in which:
12506 unique CDR3
13 unique J



TRBV28*ap01

18033 sequences assigned
17793 (98.7%) exact matches, in which:
17374 unique CDR3
13 unique J



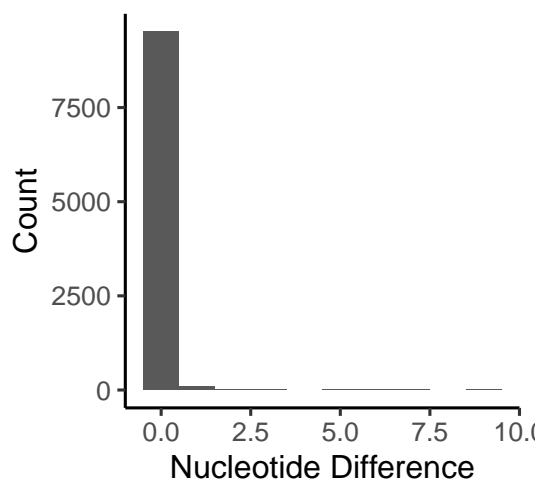
TRBV17*ap01

1 sequences assigned
No exact matches.



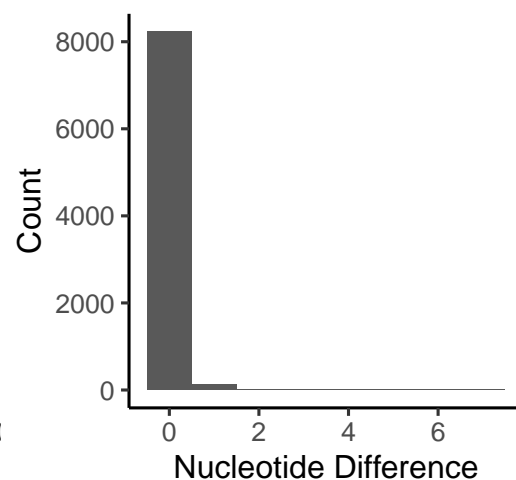
TRBV2*ap01

9629 sequences assigned
9514 (98.8%) exact matches, in which:
9326 unique CDR3
13 unique J



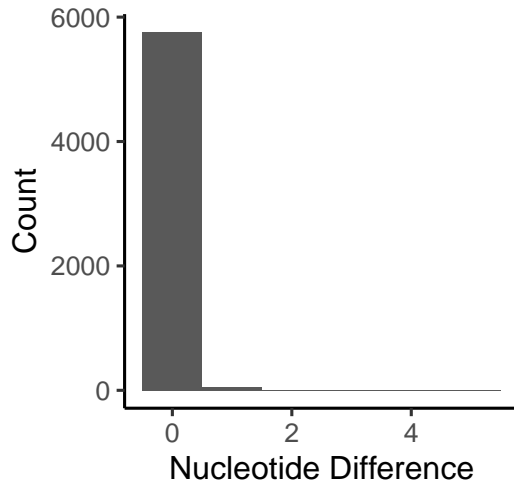
TRBV30*ap01

8383 sequences assigned
8230 (98.2%) exact matches, in which:
8104 unique CDR3
13 unique J



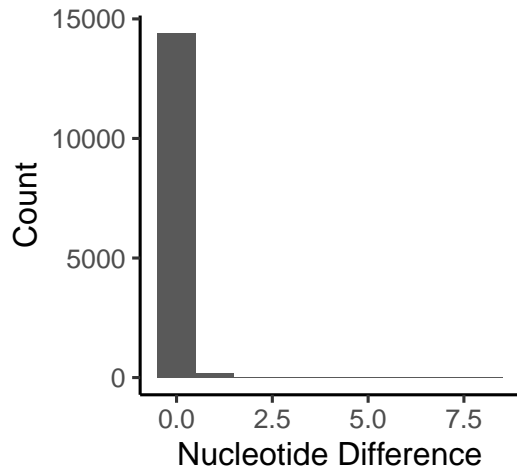
TRBV18*ap01

5820 sequences assigned
5760 (99%) exact matches, in which:
5647 unique CDR3
13 unique J



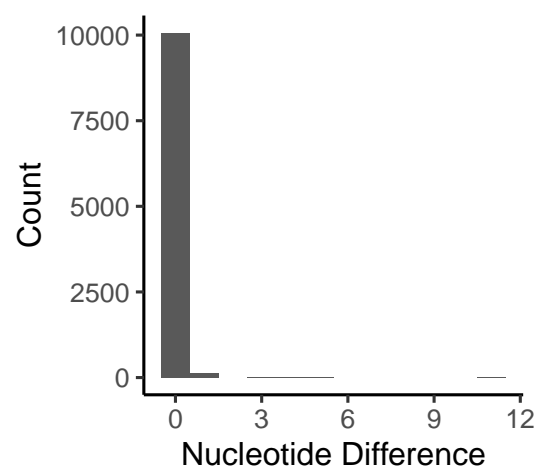
TRBV27*ap01

14648 sequences assigned
14419 (98.4%) exact matches, in which:
14053 unique CDR3
13 unique J



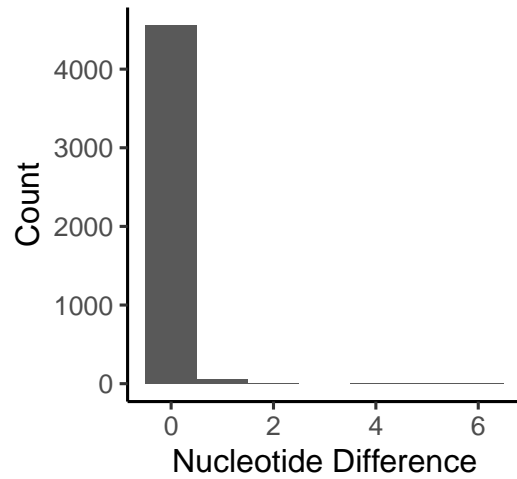
TRBV9*ap01

10207 sequences assigned
10067 (98.6%) exact matches, in which:
9836 unique CDR3
13 unique J



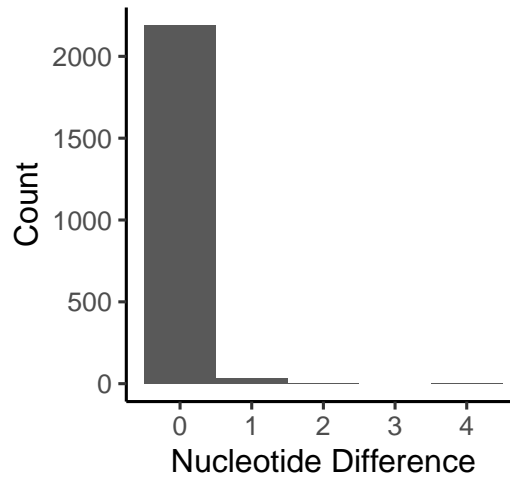
TRBV21-1*ap01

4620 sequences assigned
4556 (98.6%) exact matches, in which:
4452 unique CDR3
13 unique J



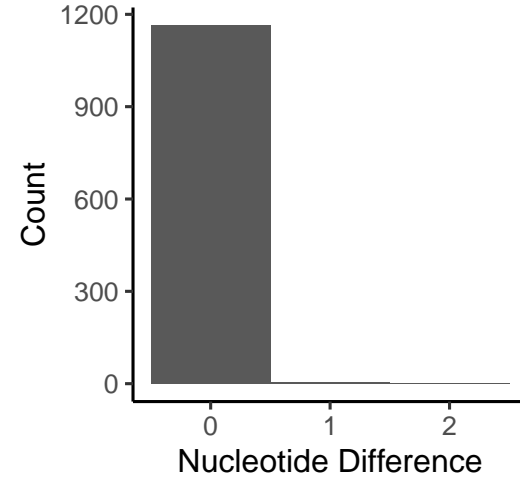
TRBV11-3*ap01

2222 sequences assigned
2189 (98.5%) exact matches, in which:
2144 unique CDR3
13 unique J



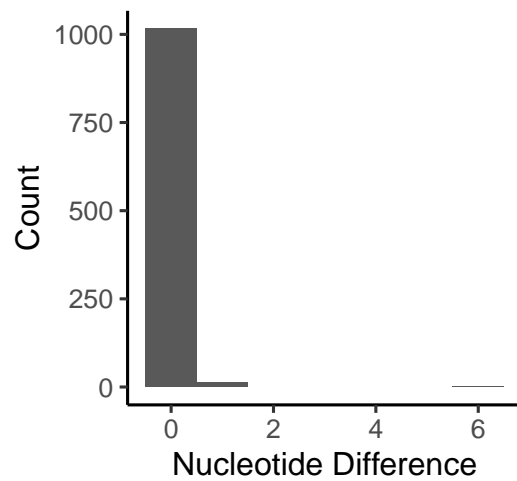
TRBV12-5*ap01

1171 sequences assigned
1164 (99.4%) exact matches, in which:
1140 unique CDR3
13 unique J



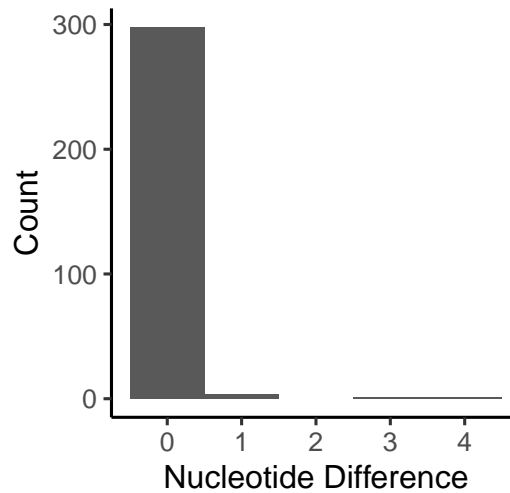
TRBV11-1*ap01

1030 sequences assigned
1016 (98.6%) exact matches, in which:
997 unique CDR3
13 unique J



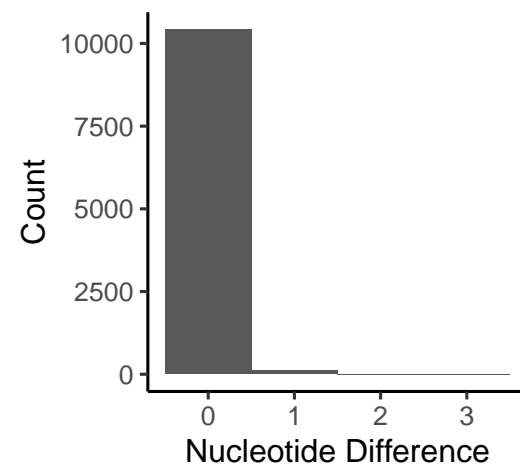
TRBV12-1*ap01

304 sequences assigned
298 (98%) exact matches, in which:
296 unique CDR3
13 unique J



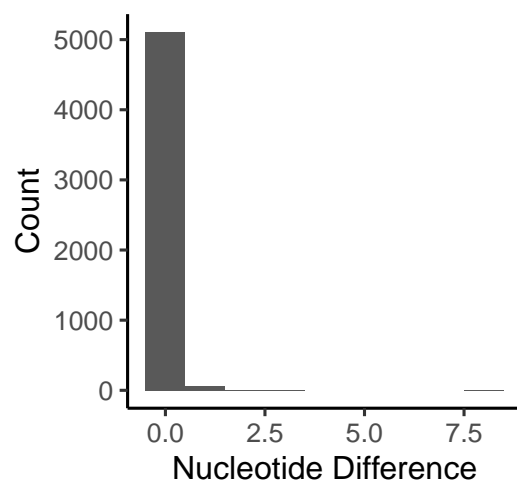
TRBV12-34*ap01

10547 sequences assigned
10422 (98.8%) exact matches, in which:
10240 unique CDR3
13 unique J



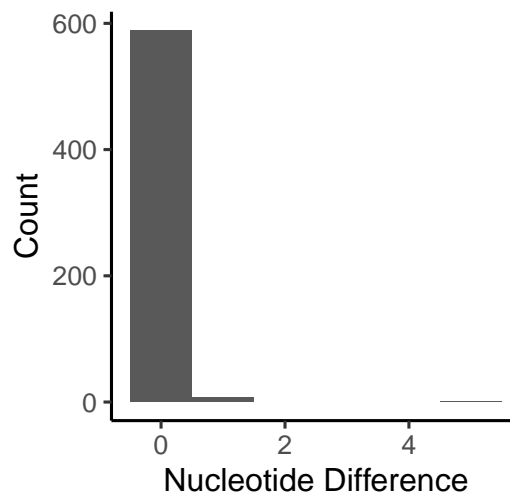
TRBV11-2*ap01

5176 sequences assigned
5108 (98.7%) exact matches, in which:
4970 unique CDR3
13 unique J



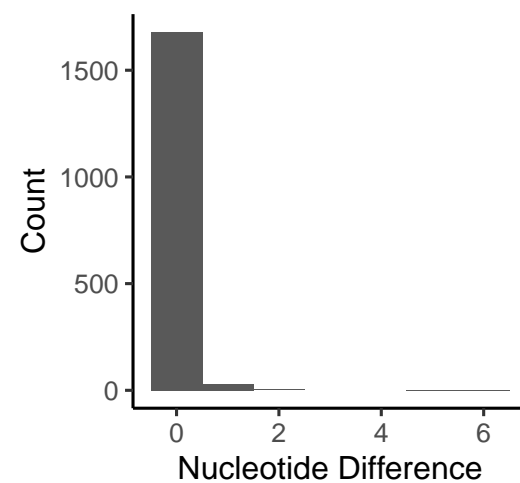
TRBV12-2*ap01

597 sequences assigned
589 (98.7%) exact matches, in which:
577 unique CDR3
13 unique J



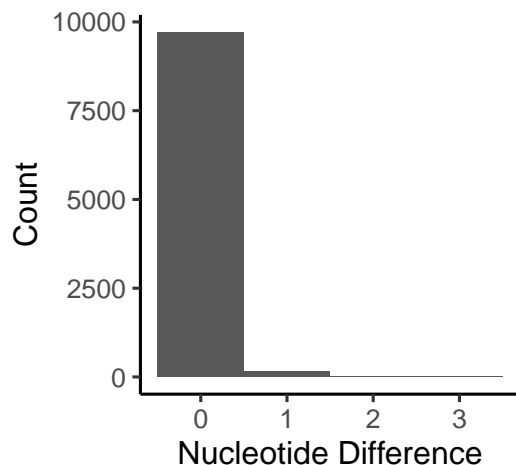
TRBV23-1*ap01

1715 sequences assigned
1679 (97.9%) exact matches, in which:
1656 unique CDR3
13 unique J



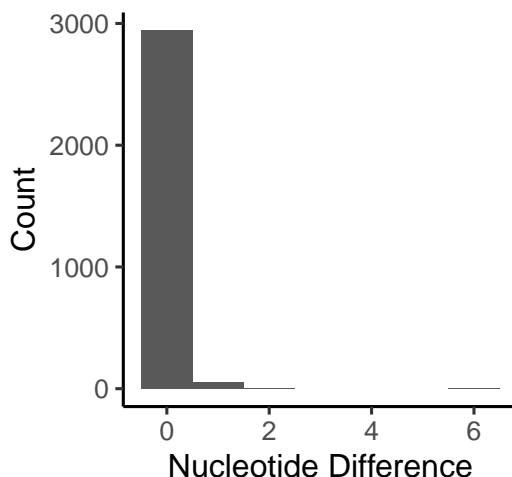
TRBV3-12*ap01

9868 sequences assigned
9712 (98.4%) exact matches, in which:
9519 unique CDR3
13 unique J



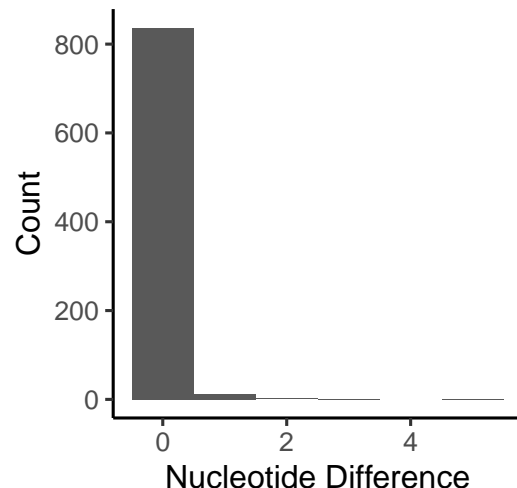
TRBV4-2*ap01

3004 sequences assigned
2943 (98%) exact matches, in which:
2882 unique CDR3
13 unique J



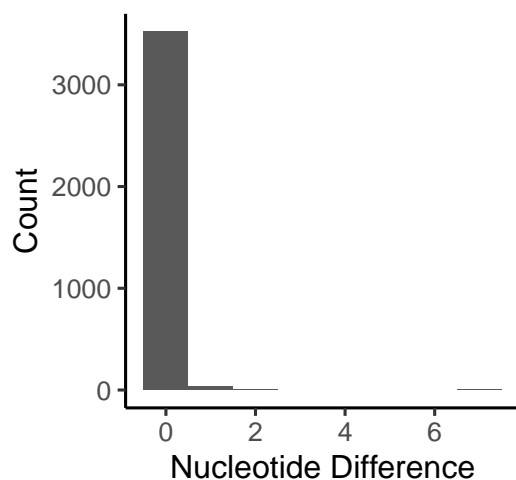
TRBV5-3*ap01

854 sequences assigned
837 (98%) exact matches, in which:
818 unique CDR3
13 unique J



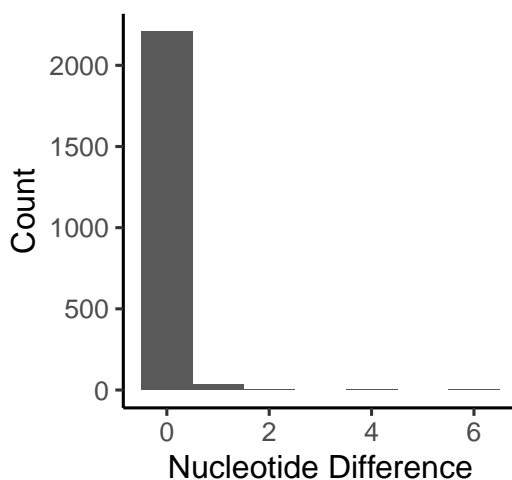
TRBV4-1*ap01

3563 sequences assigned
3522 (98.8%) exact matches, in which:
3447 unique CDR3
13 unique J



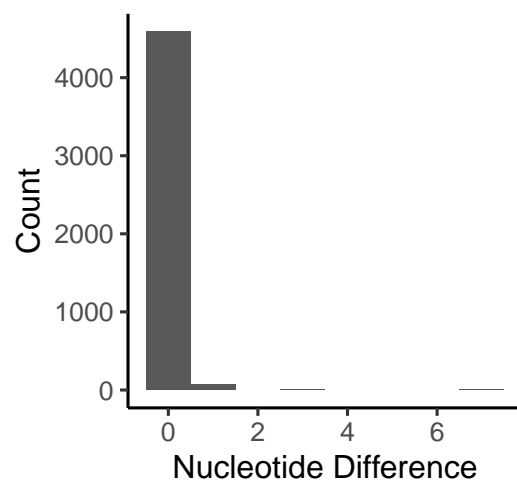
TRBV25-1*ap01

2246 sequences assigned
2207 (98.3%) exact matches, in which:
2176 unique CDR3
13 unique J



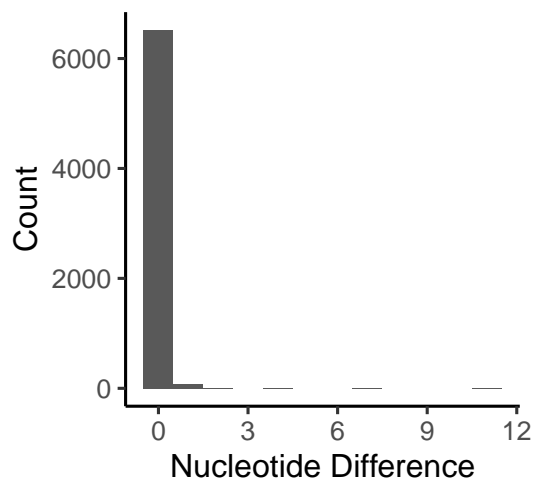
TRBV5-4*ap01

4666 sequences assigned
4588 (98.3%) exact matches, in which:
4498 unique CDR3
13 unique J



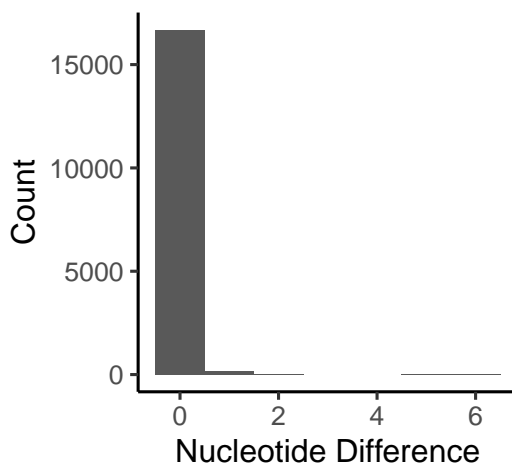
TRBV24-1*ap01

6603 sequences assigned
6518 (98.7%) exact matches, in which:
6416 unique CDR3
13 unique J



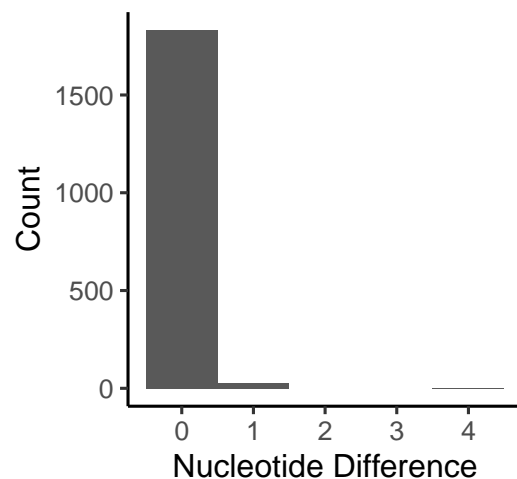
TRBV5-1*ap01

16882 sequences assigned
16685 (98.8%) exact matches, in which:
16299 unique CDR3
13 unique J



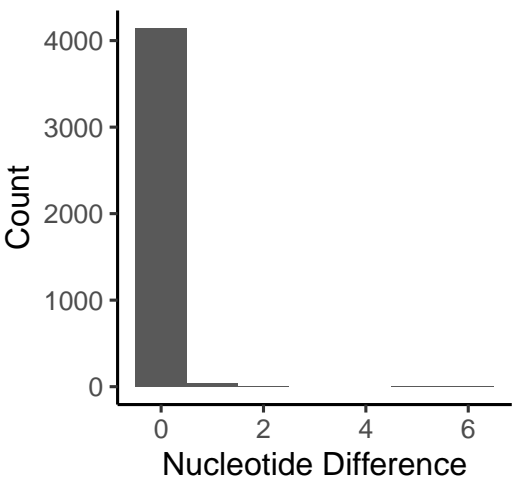
TRBV5-5*ap01

1859 sequences assigned
1832 (98.5%) exact matches, in which:
1809 unique CDR3
13 unique J



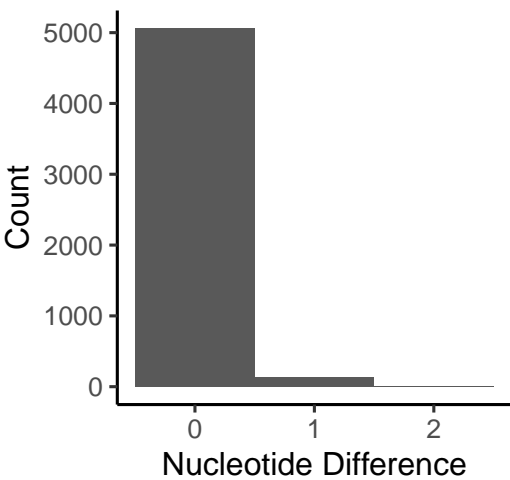
TRBV5-6*ap01

4189 sequences assigned
4141 (98.9%) exact matches, in which:
4051 unique CDR3
13 unique J



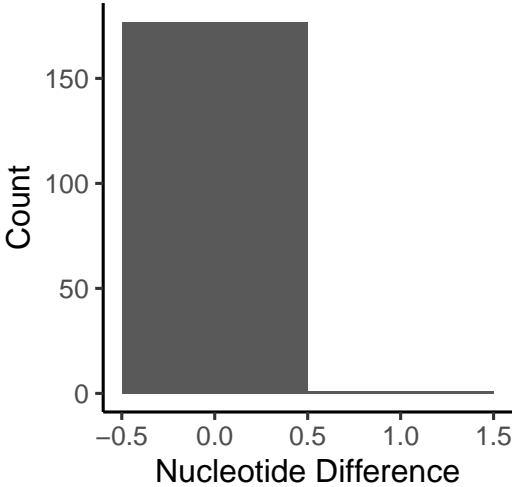
TRBV6-1*ap01

5197 sequences assigned
5060 (97.4%) exact matches, in which:
4948 unique CDR3
13 unique J



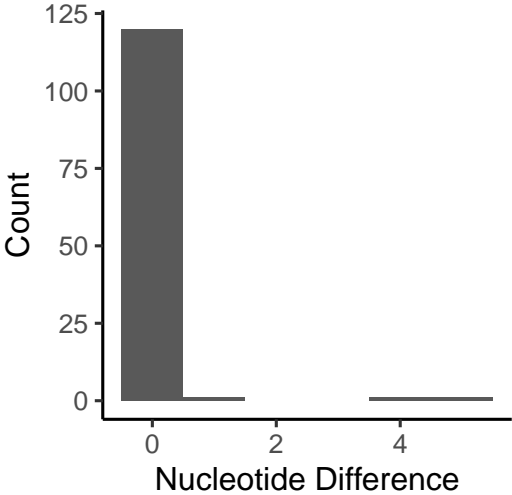
TRBV6-8*ap01

178 sequences assigned
177 (99.4%) exact matches, in which:
172 unique CDR3
12 unique J



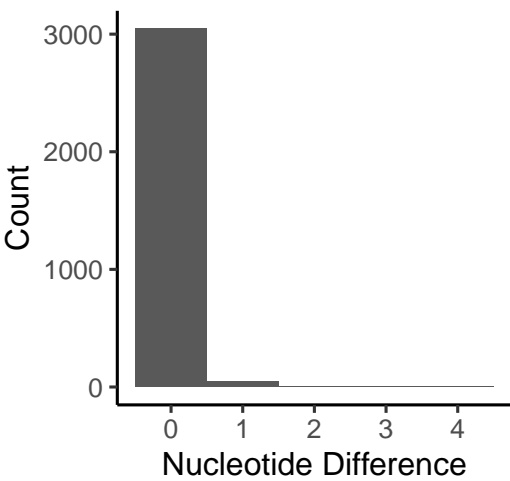
TRBV5-7*ap01

123 sequences assigned
120 (97.6%) exact matches, in which:
120 unique CDR3
13 unique J



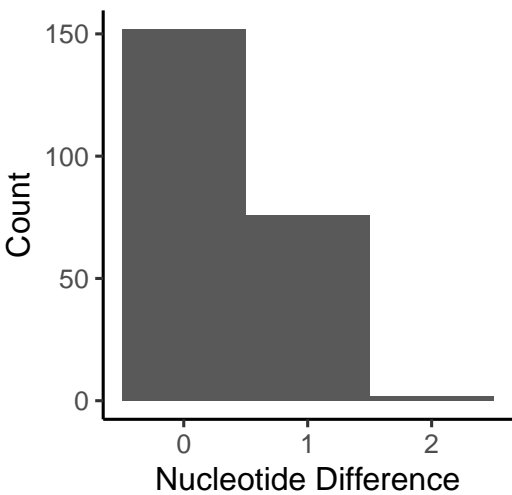
TRBV6-4*ap01

3100 sequences assigned
3046 (98.3%) exact matches, in which:
2995 unique CDR3
13 unique J



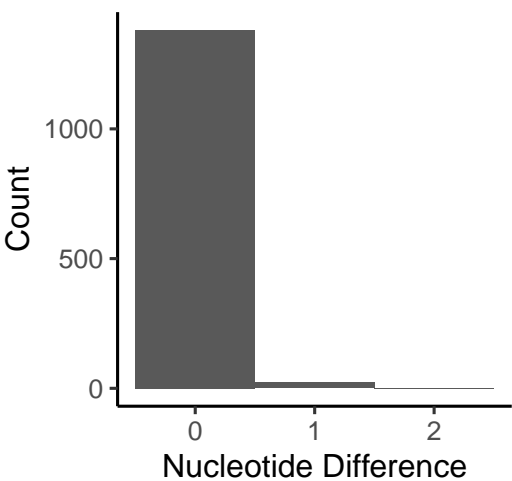
TRBV6-9*ap01

230 sequences assigned
152 (66.1%) exact matches, in which:
148 unique CDR3
13 unique J



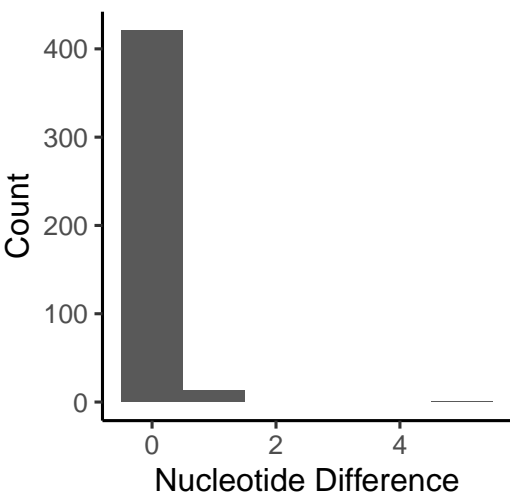
TRBV5-8*ap01

1405 sequences assigned
1381 (98.3%) exact matches, in which:
1361 unique CDR3
13 unique J



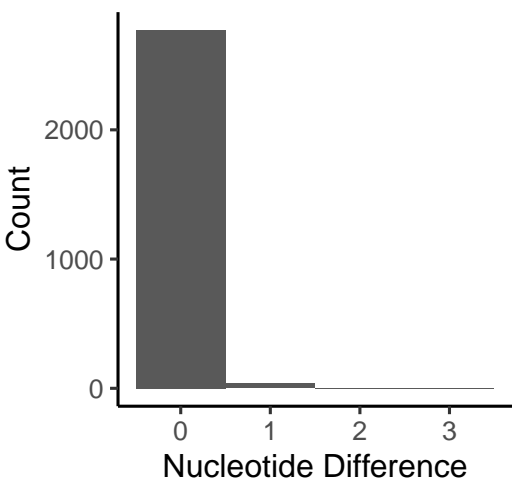
TRBV6-7*ap01

435 sequences assigned
421 (96.8%) exact matches, in which:
410 unique CDR3
13 unique J



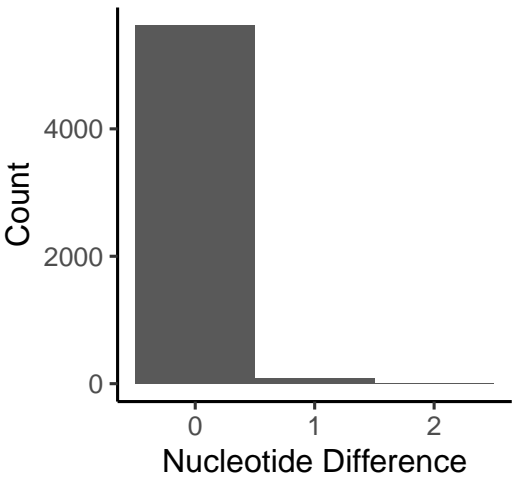
TRBV6-23*ap01

2813 sequences assigned
2772 (98.5%) exact matches, in which:
2727 unique CDR3
13 unique J



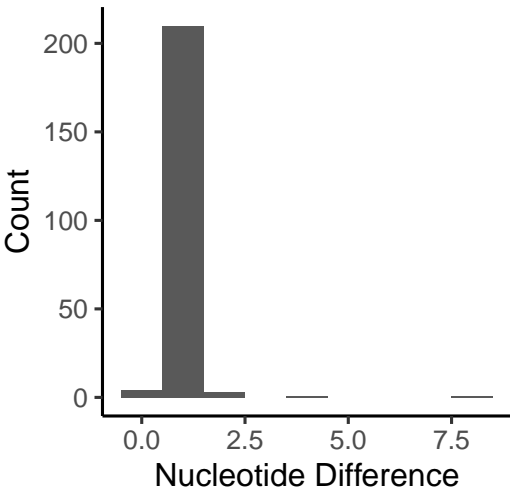
TRBV6-56*ap01

5705 sequences assigned
5624 (98.6%) exact matches, in which:
5503 unique CDR3
13 unique J



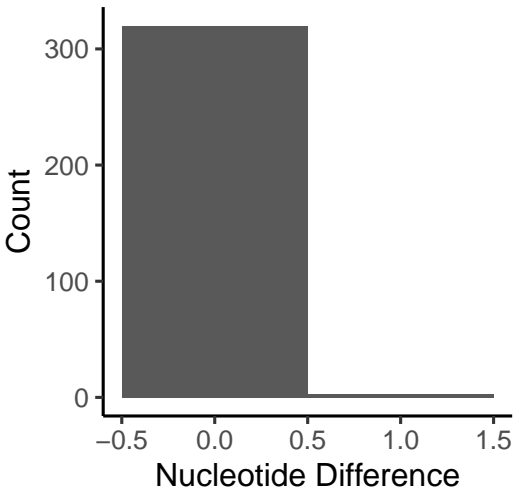
TRBV7-1*ap01_T296C_()

219 sequences assigned
4 (1.8%) exact matches, in which:
4 unique CDR3
4 unique J



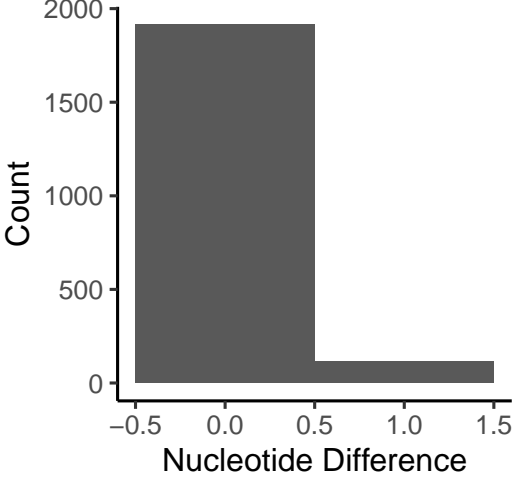
TRBV7-4*ap01

323 sequences assigned
320 (99.1%) exact matches, in which:
316 unique CDR3
13 unique J



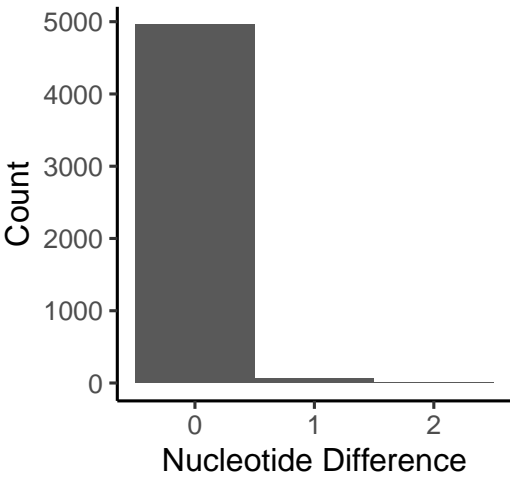
TRBV6-56*ap02

2031 sequences assigned
1914 (94.2%) exact matches, in which:
1870 unique CDR3
13 unique J



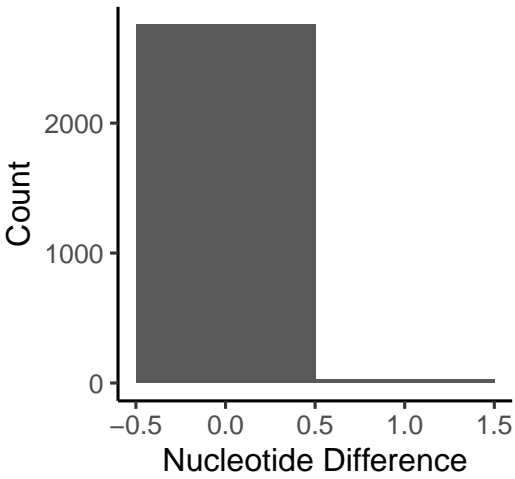
TRBV7-2*ap01

5020 sequences assigned
4958 (98.8%) exact matches, in which:
4844 unique CDR3
13 unique J



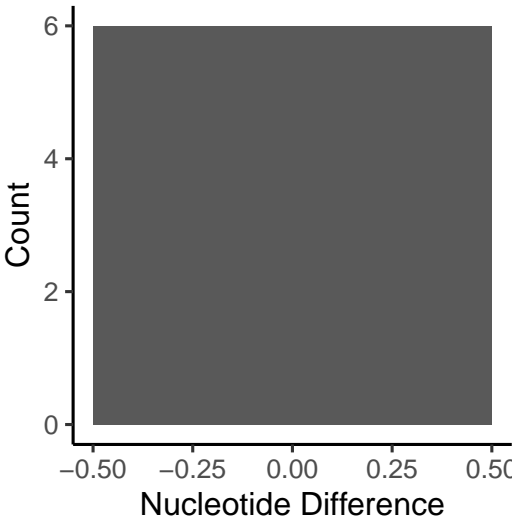
TRBV7-6*ap01

2786 sequences assigned
2757 (99%) exact matches, in which:
2698 unique CDR3
13 unique J



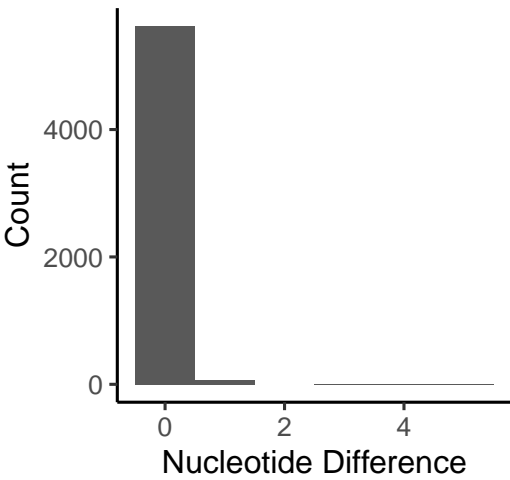
TRBV7-1*ap01

6 sequences assigned
6 (100%) exact matches, in which:
6 unique CDR3
4 unique J



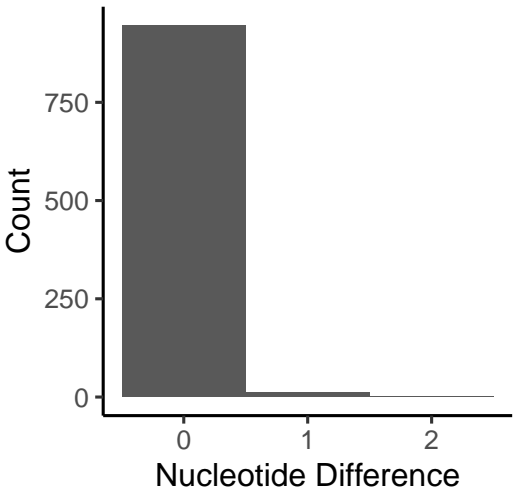
TRBV7-3*ap01

5699 sequences assigned
5625 (98.7%) exact matches, in which:
5514 unique CDR3
13 unique J



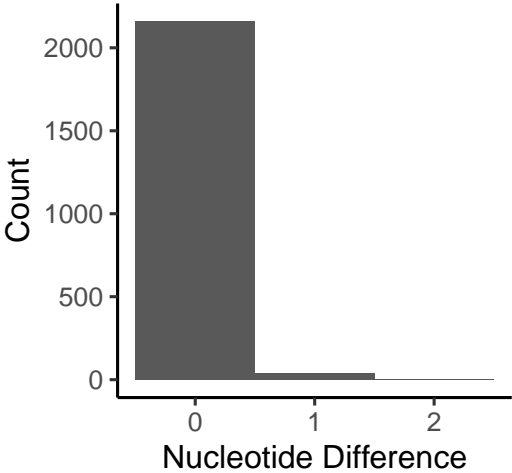
TRBV7-7*ap01

959 sequences assigned
946 (98.6%) exact matches, in which:
930 unique CDR3
13 unique J



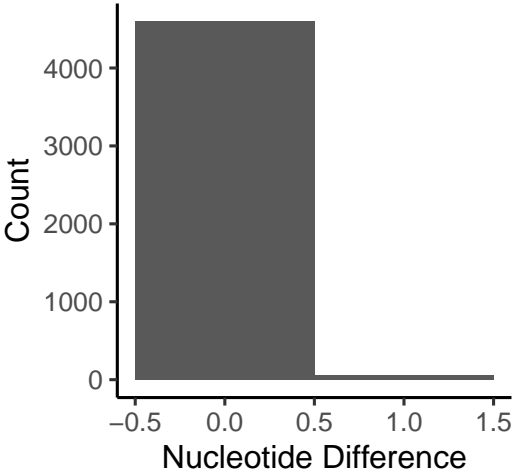
TRBV7-8*ap01

2202 sequences assigned
2159 (98%) exact matches, in which:
2111 unique CDR3
13 unique J



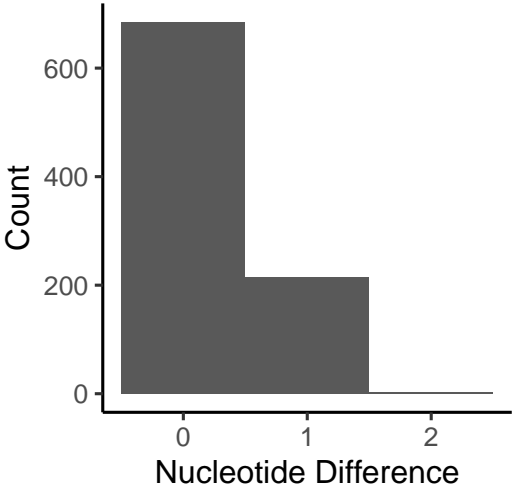
TRBV29-1*ap01

4662 sequences assigned
4598 (98.6%) exact matches, in which:
4535 unique CDR3
13 unique J



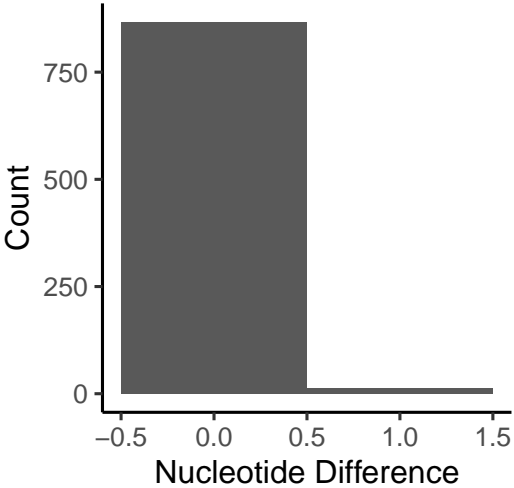
TRBV7-8*ap03

901 sequences assigned
685 (76%) exact matches, in which:
669 unique CDR3
13 unique J



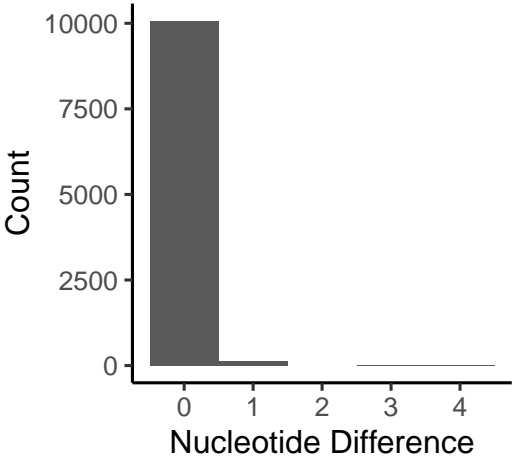
TRBV29-1*ap02

880 sequences assigned
867 (98.5%) exact matches, in which:
856 unique CDR3
13 unique J



TRBV7-9*ap01

10215 sequences assigned
10073 (98.6%) exact matches, in which:
9882 unique CDR3
13 unique J



TRBV7-1*ap01_T296C_C314T

