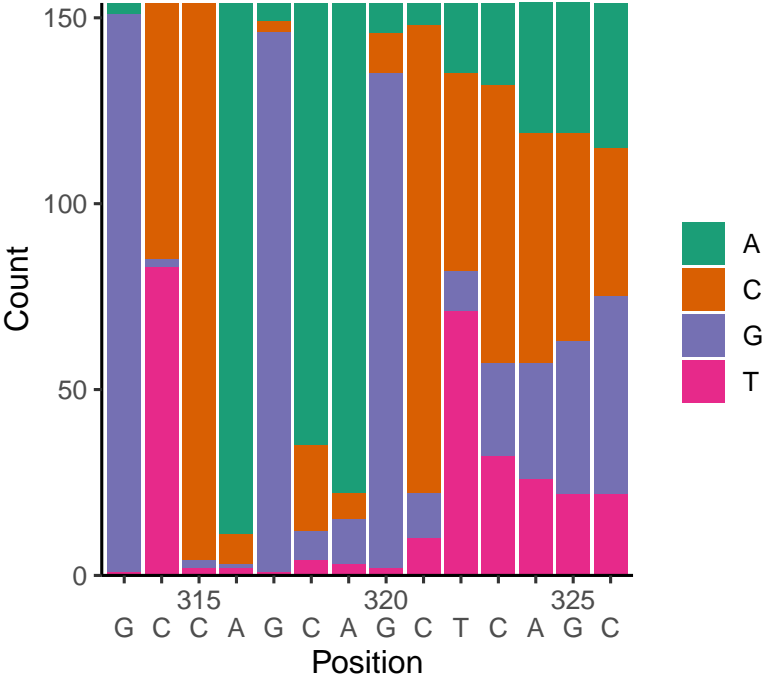
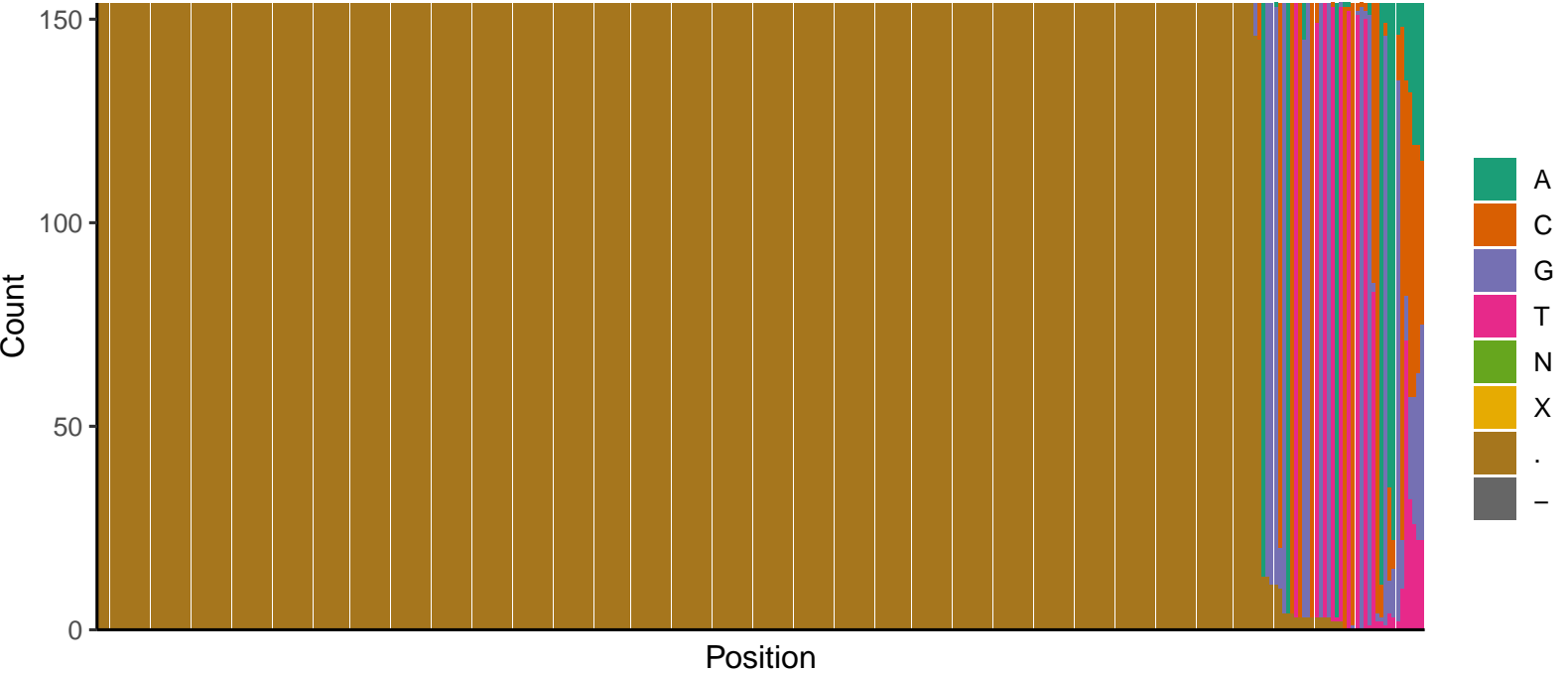


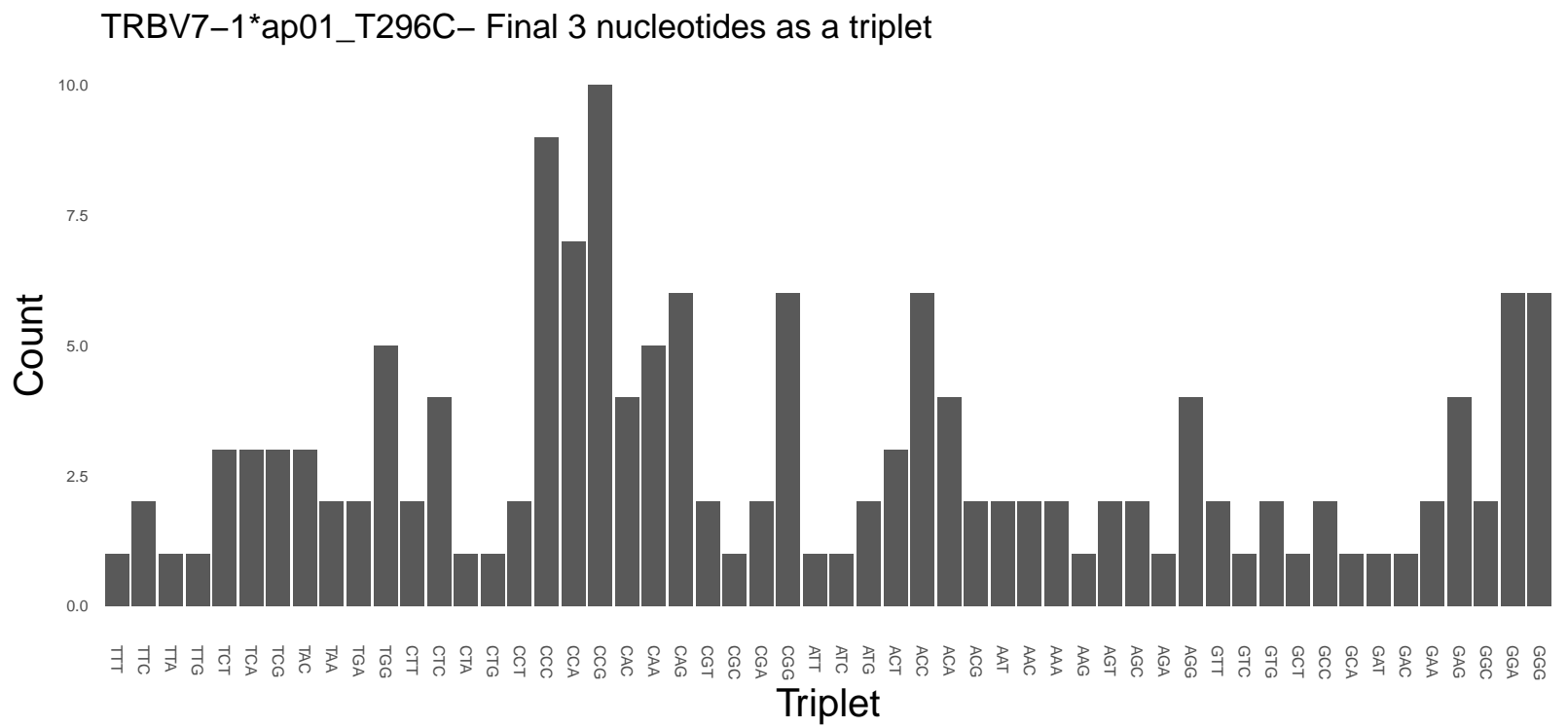
Gene TRBV7-1*ap01_T296C



Gene TRBV7-1*ap01_T296C

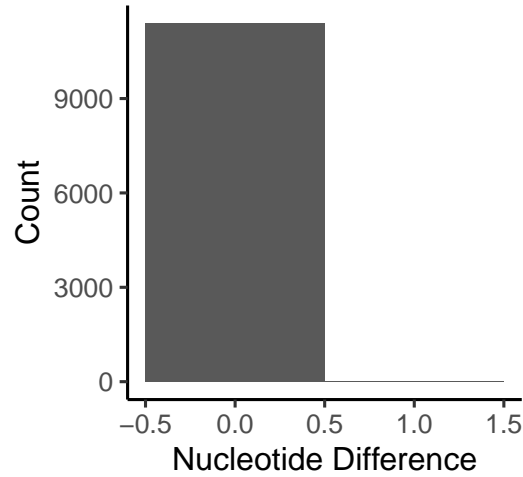


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



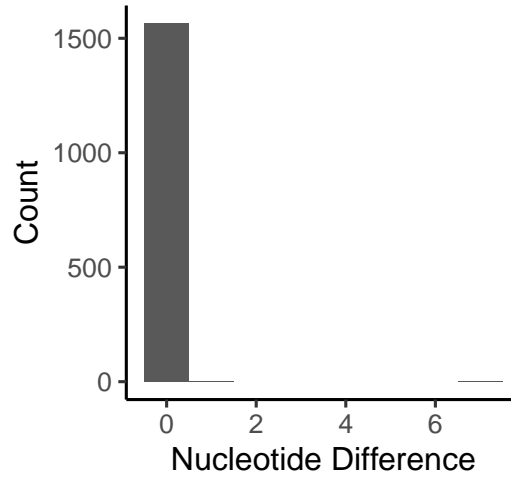
TRBV20-1*ap01

11408 sequences assigned
11389 (99.8%) exact matches, in which:
11380 unique CDR3
13 unique J



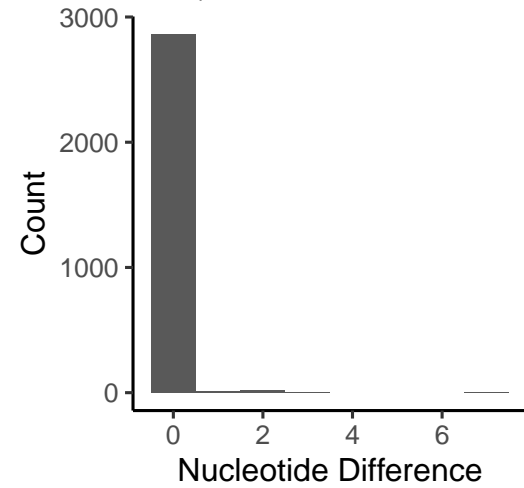
TRBV10-2*ap01

1568 sequences assigned
1565 (99.8%) exact matches, in which:
1562 unique CDR3
13 unique J



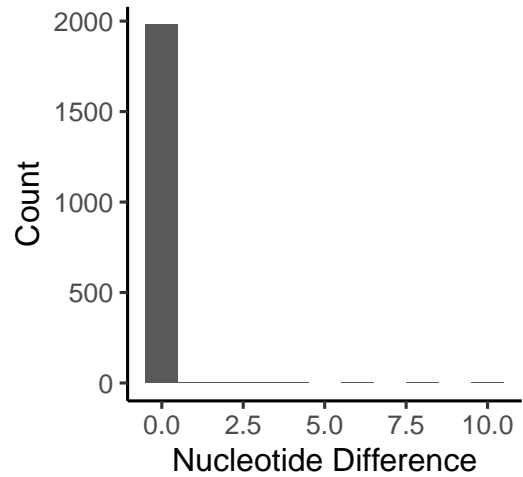
TRBV13*ap01

2896 sequences assigned
2861 (98.8%) exact matches, in which:
2857 unique CDR3
13 unique J



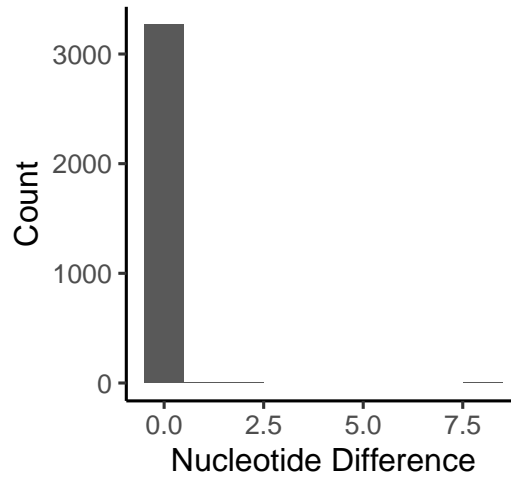
TRBV10-1*ap01

1990 sequences assigned
1980 (99.5%) exact matches, in which:
1980 unique CDR3
13 unique J



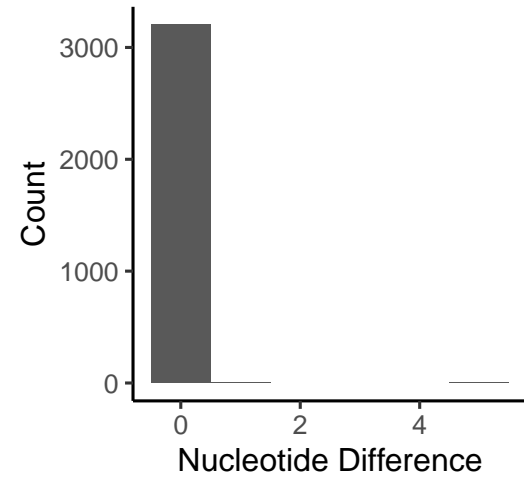
TRBV10-3*ap01

3273 sequences assigned
3267 (99.8%) exact matches, in which:
3263 unique CDR3
13 unique J



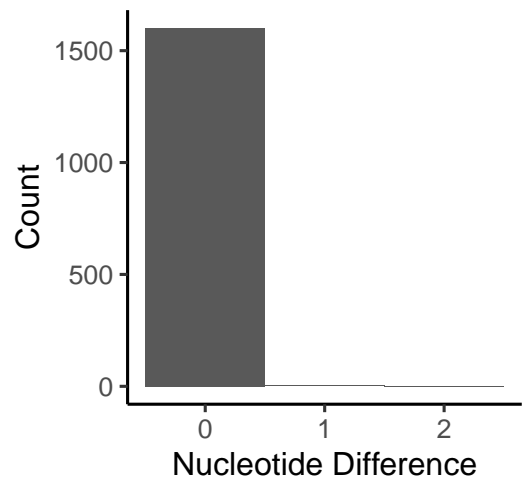
TRBV14*ap01

3206 sequences assigned
3203 (99.9%) exact matches, in which:
3203 unique CDR3
13 unique J



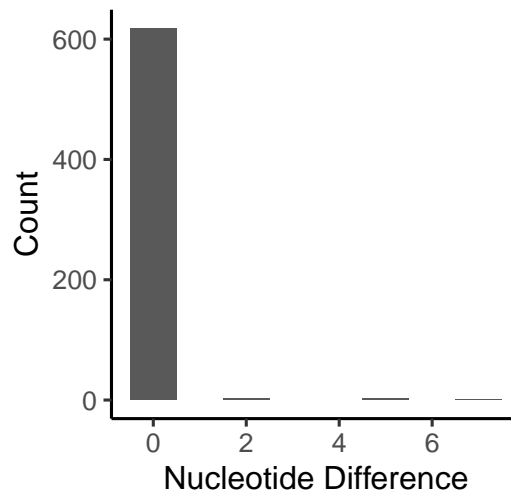
TRBV20-1*ap02

1606 sequences assigned
1601 (99.7%) exact matches, in which:
1598 unique CDR3
13 unique J



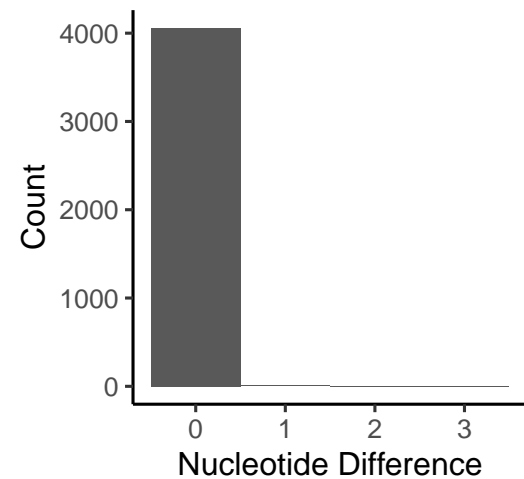
TRBV1*ap01

623 sequences assigned
618 (99.2%) exact matches, in which:
617 unique CDR3
13 unique J



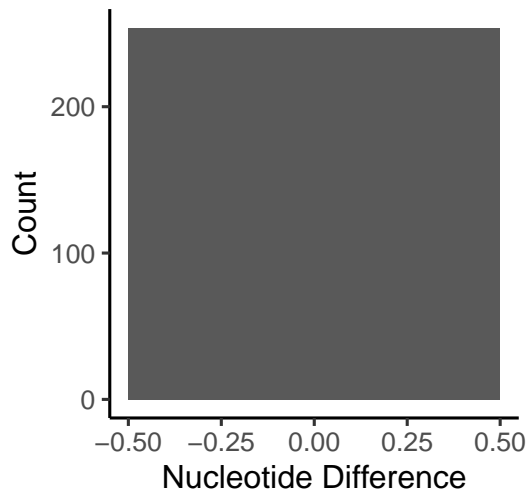
TRBV15*ap02

4068 sequences assigned
4058 (99.8%) exact matches, in which:
4053 unique CDR3
13 unique J



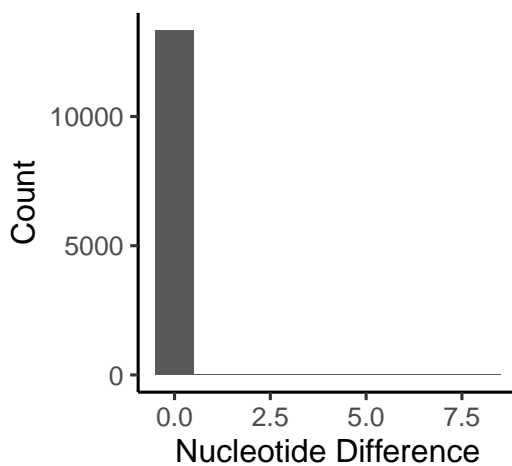
TRBV16*ap01

254 sequences assigned
254 (100%) exact matches, in which:
254 unique CDR3
13 unique J



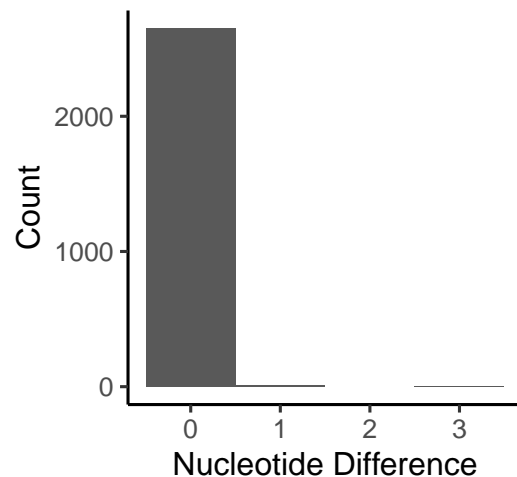
TRBV19*ap01

13390 sequences assigned
13342 (99.6%) exact matches, in which:
13341 unique CDR3
13 unique J



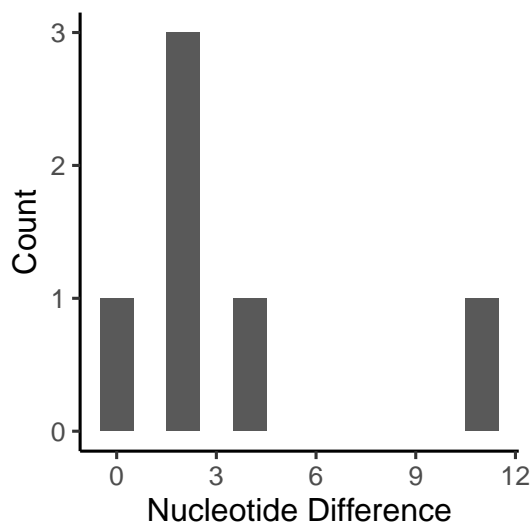
TRBV28*ap01

2659 sequences assigned
2650 (99.7%) exact matches, in which:
2650 unique CDR3
13 unique J



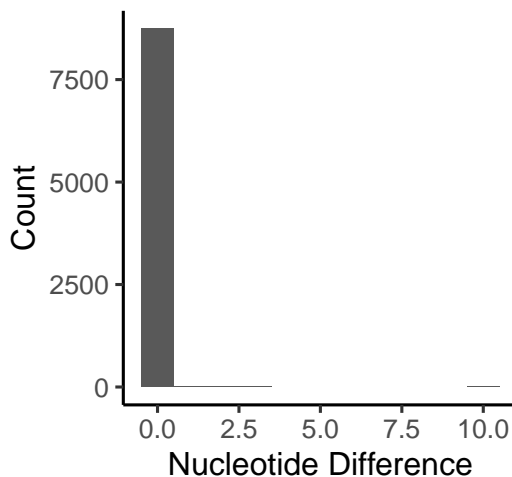
TRBV17*ap01

6 sequences assigned
1 (16.7%) exact matches, in which:
1 unique CDR3
1 unique J



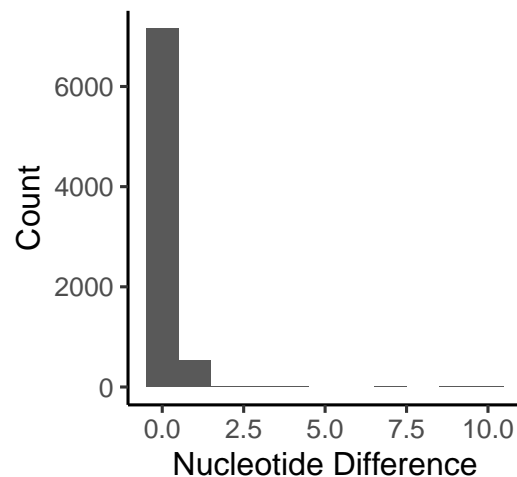
TRBV2*ap01

8768 sequences assigned
8741 (99.7%) exact matches, in which:
8723 unique CDR3
13 unique J



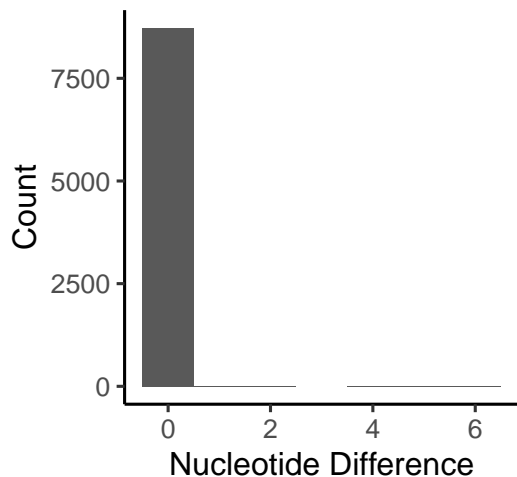
TRBV30*ap01

7710 sequences assigned
7153 (92.8%) exact matches, in which:
7139 unique CDR3
13 unique J



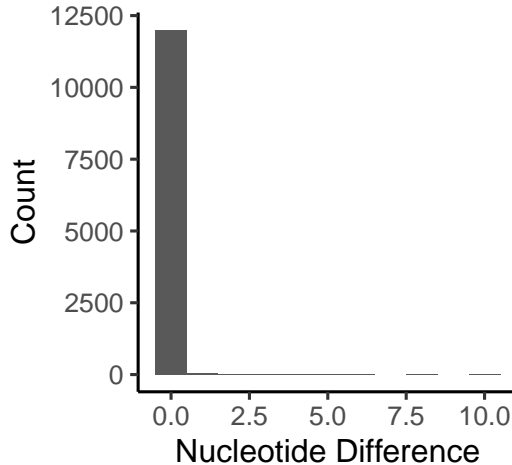
TRBV18*ap01

8738 sequences assigned
8724 (99.8%) exact matches, in which:
8720 unique CDR3
13 unique J



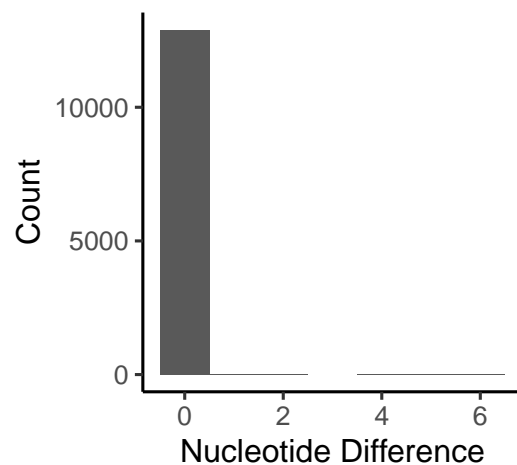
TRBV27*ap01

12071 sequences assigned
12005 (99.5%) exact matches, in which:
11977 unique CDR3
13 unique J



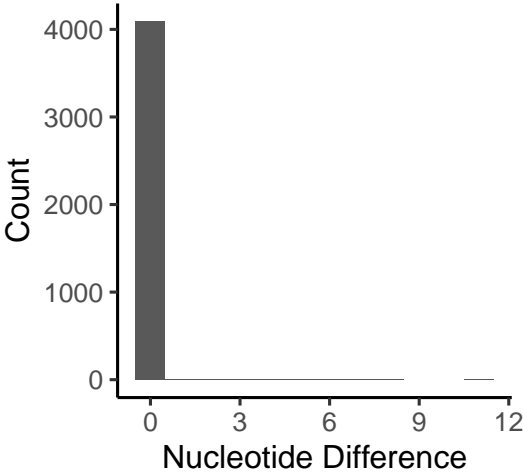
TRBV9*ap01

12921 sequences assigned
12898 (99.8%) exact matches, in which:
12878 unique CDR3
13 unique J



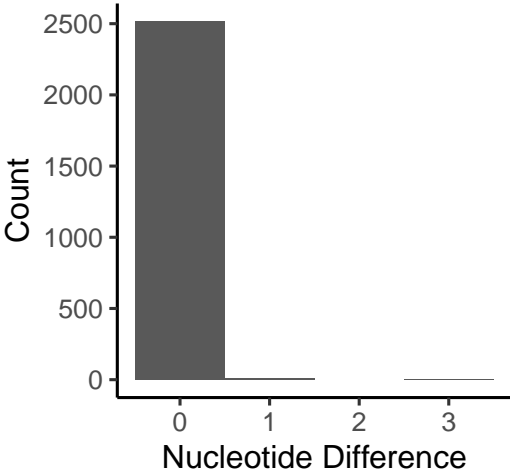
TRBV21-1*ap01

4126 sequences assigned
4091 (99.2%) exact matches, in which:
4091 unique CDR3
13 unique J



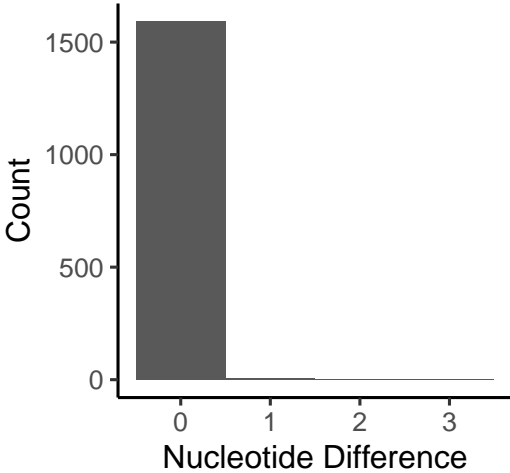
TRBV11-3*ap01

2525 sequences assigned
2516 (99.6%) exact matches, in which:
2514 unique CDR3
13 unique J



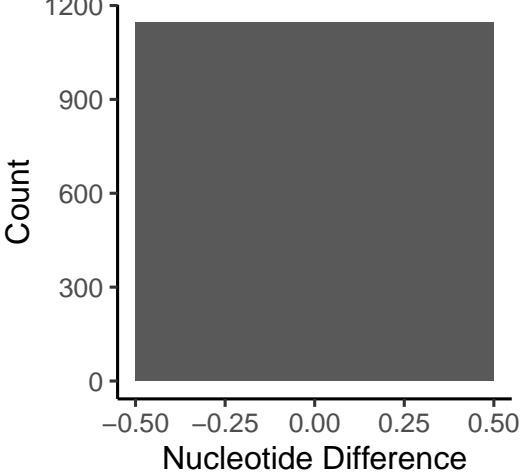
TRBV12-5*ap01

1600 sequences assigned
1592 (99.5%) exact matches, in which:
1592 unique CDR3
13 unique J



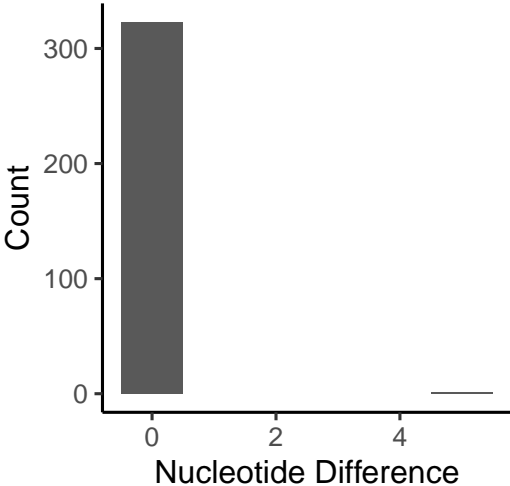
TRBV11-1*ap01

1145 sequences assigned
1145 (100%) exact matches, in which:
1145 unique CDR3
13 unique J



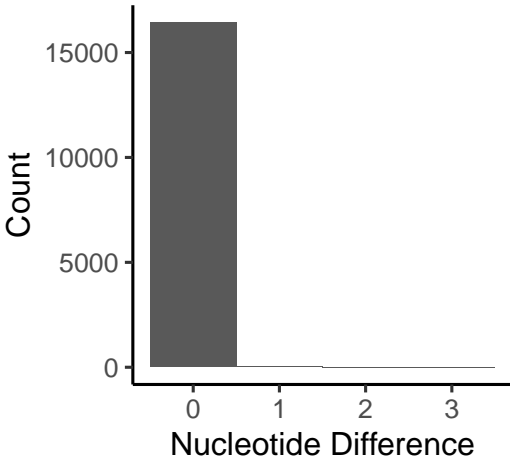
TRBV12-1*ap01

324 sequences assigned
323 (99.7%) exact matches, in which:
323 unique CDR3
13 unique J



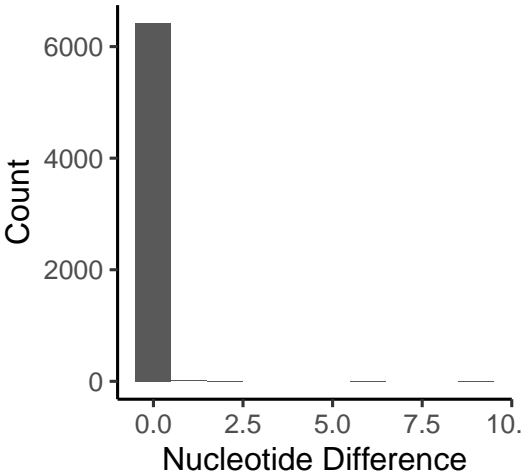
TRBV12-34*ap01

16468 sequences assigned
16432 (99.8%) exact matches, in which:
16426 unique CDR3
13 unique J



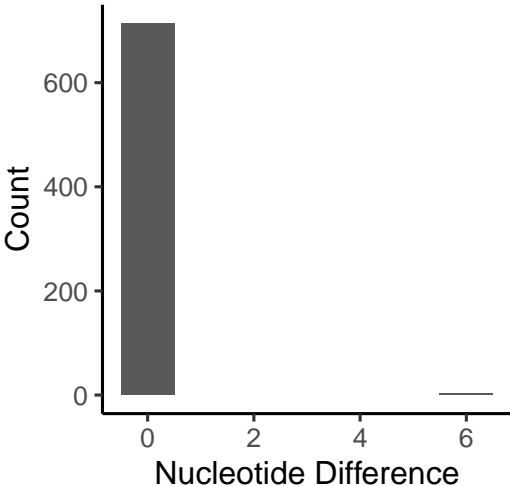
TRBV11-2*ap01

6437 sequences assigned
6422 (99.8%) exact matches, in which:
6422 unique CDR3
14 unique J



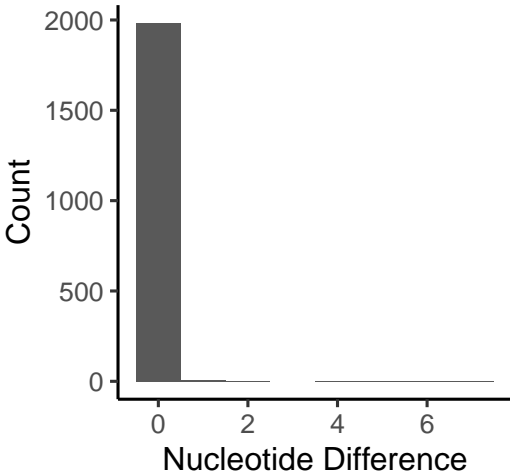
TRBV12-2*ap01

717 sequences assigned
714 (99.6%) exact matches, in which:
714 unique CDR3
13 unique J



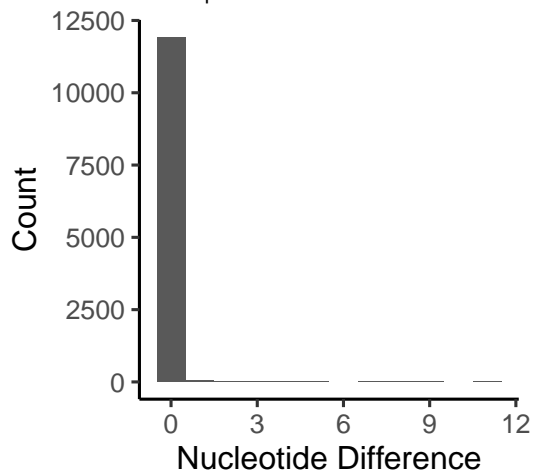
TRBV23-1*ap01

2002 sequences assigned
1983 (99.1%) exact matches, in which:
1982 unique CDR3
13 unique J



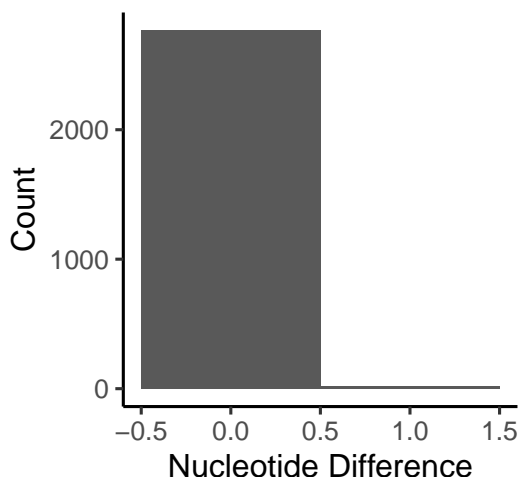
TRBV3–12*ap01

11995 sequences assigned
11923 (99.4%) exact matches, in which:
11886 unique CDR3
13 unique J



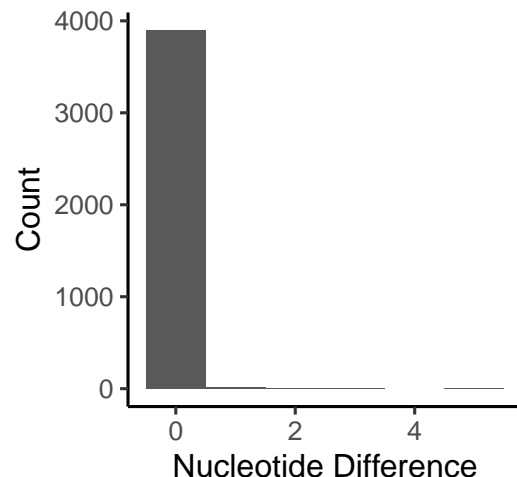
TRBV4–2*ap01

2786 sequences assigned
2767 (99.3%) exact matches, in which:
2764 unique CDR3
13 unique J



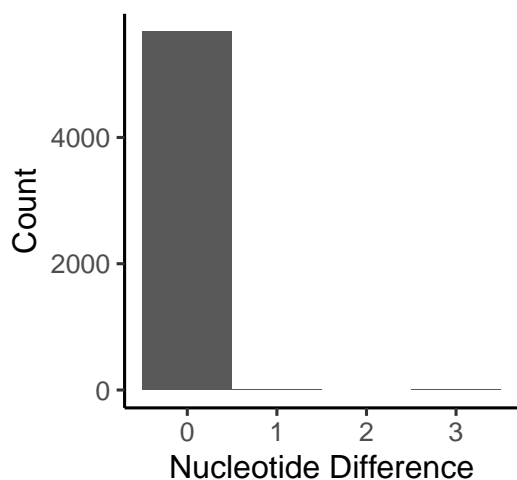
TRBV25–1*ap01

3916 sequences assigned
3896 (99.5%) exact matches, in which:
3889 unique CDR3
13 unique J



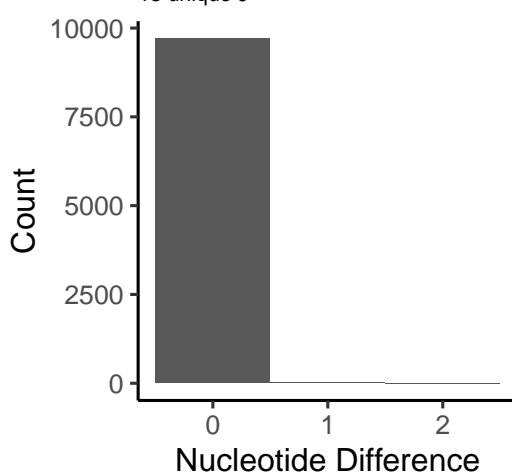
TRBV4–1*ap01

5685 sequences assigned
5675 (99.8%) exact matches, in which:
5672 unique CDR3
13 unique J



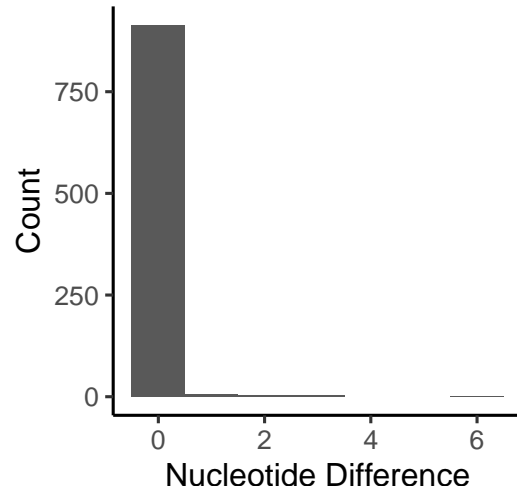
TRBV4–3*ap01

9727 sequences assigned
9707 (99.8%) exact matches, in which:
9699 unique CDR3
13 unique J



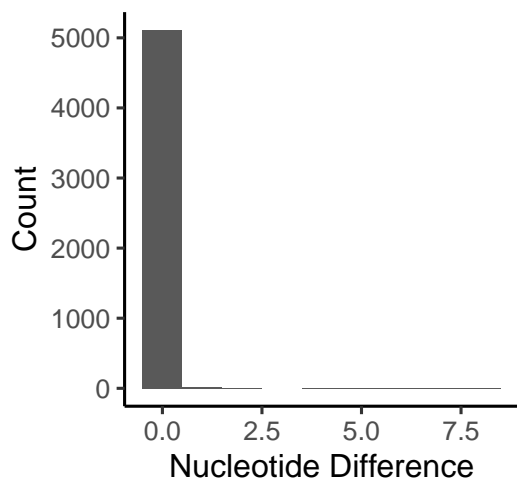
TRBV5–3*ap01

927 sequences assigned
914 (98.6%) exact matches, in which:
913 unique CDR3
13 unique J



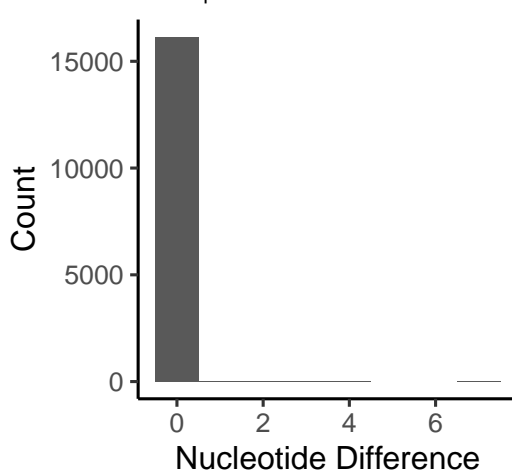
TRBV24–1*ap01

5142 sequences assigned
5111 (99.4%) exact matches, in which:
5096 unique CDR3
13 unique J



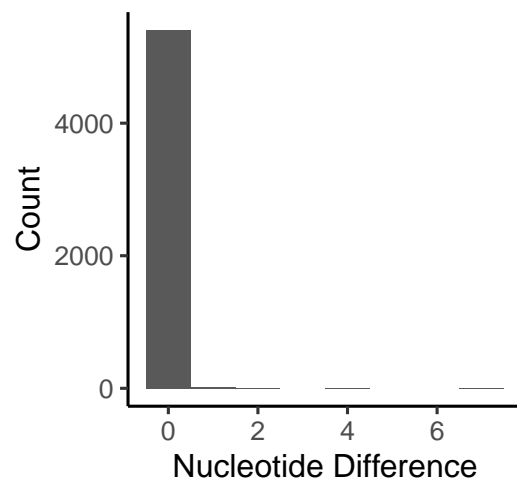
TRBV5–1*ap01

16188 sequences assigned
16148 (99.8%) exact matches, in which:
16089 unique CDR3
13 unique J



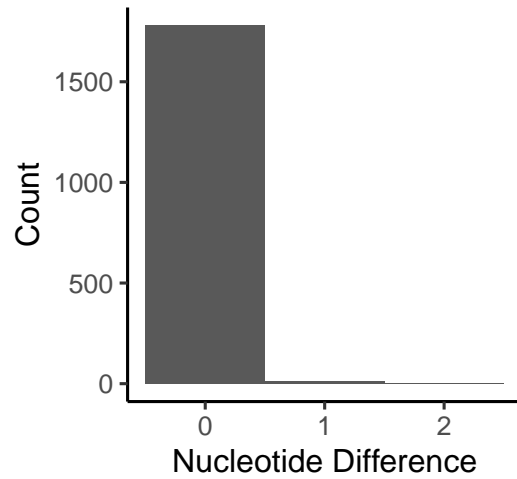
TRBV5–4*ap01

5432 sequences assigned
5405 (99.5%) exact matches, in which:
5404 unique CDR3
13 unique J



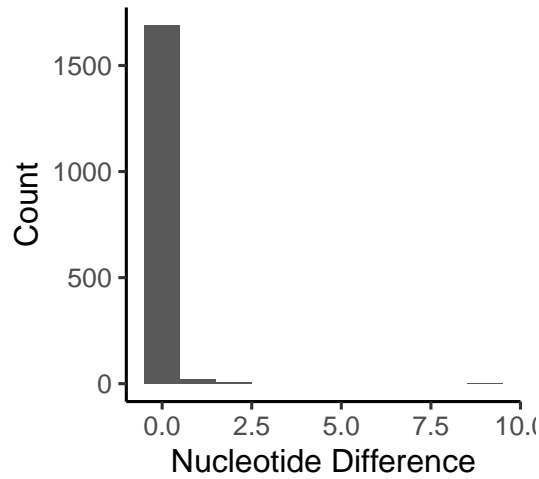
TRBV5-5*ap01

1794 sequences assigned
1780 (99.2%) exact matches, in which:
1770 unique CDR3
13 unique J



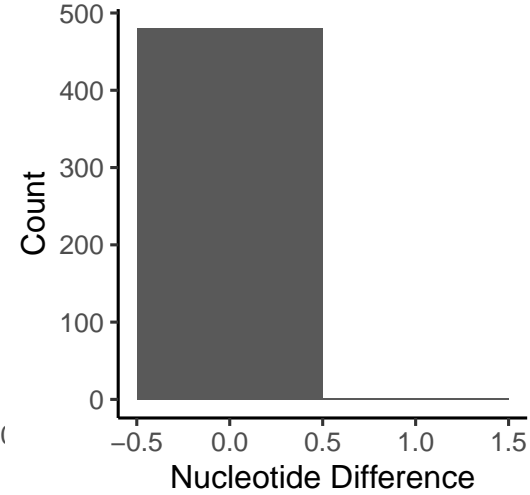
TRBV5-8*ap01

1718 sequences assigned
1689 (98.3%) exact matches, in which:
1689 unique CDR3
13 unique J



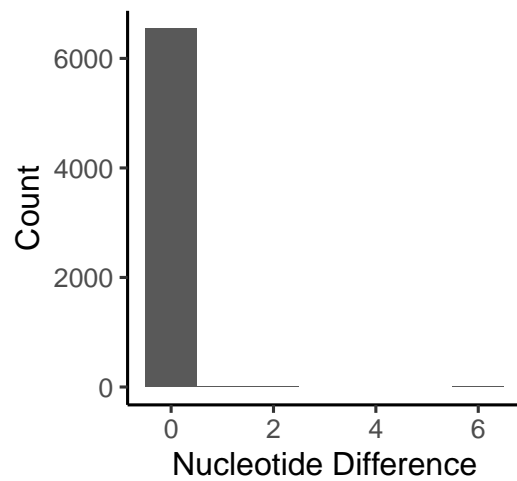
TRBV6-7*ap01

483 sequences assigned
481 (99.6%) exact matches, in which:
480 unique CDR3
13 unique J



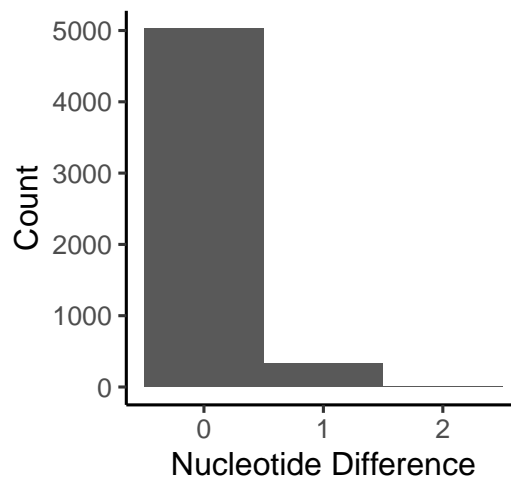
TRBV5-6*ap01

6562 sequences assigned
6542 (99.7%) exact matches, in which:
6508 unique CDR3
13 unique J



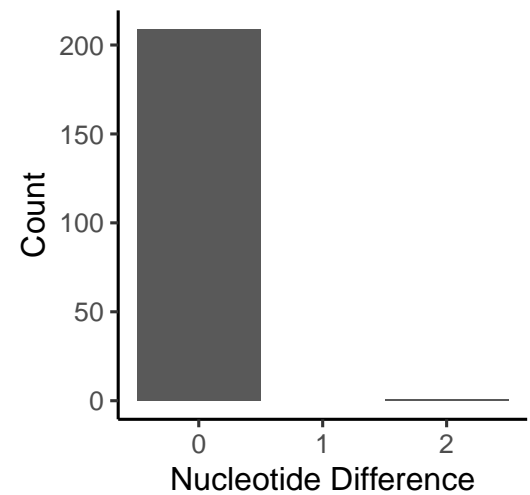
TRBV6-1*ap01

5353 sequences assigned
5025 (93.9%) exact matches, in which:
5023 unique CDR3
13 unique J



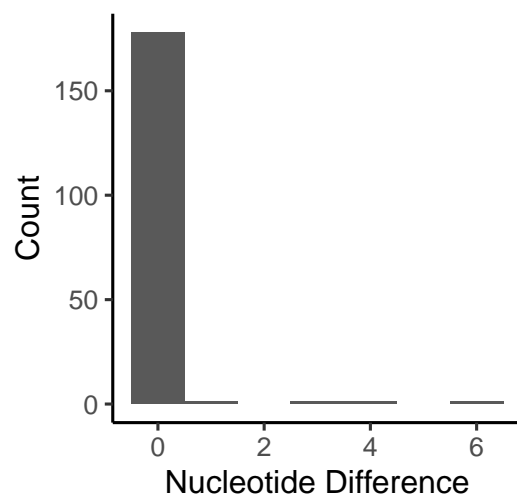
TRBV6-8*ap01

210 sequences assigned
209 (99.5%) exact matches, in which:
208 unique CDR3
13 unique J



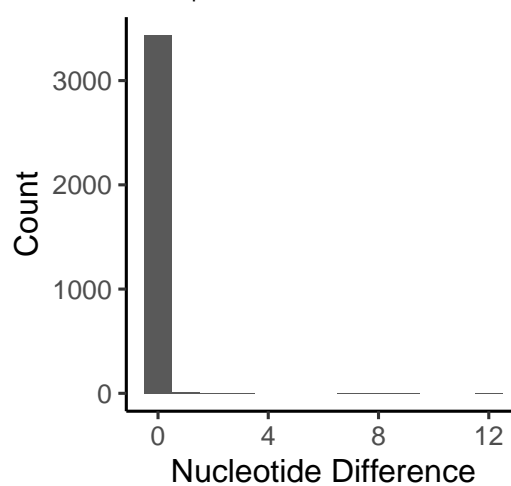
TRBV5-7*ap01

182 sequences assigned
178 (97.8%) exact matches, in which:
175 unique CDR3
13 unique J



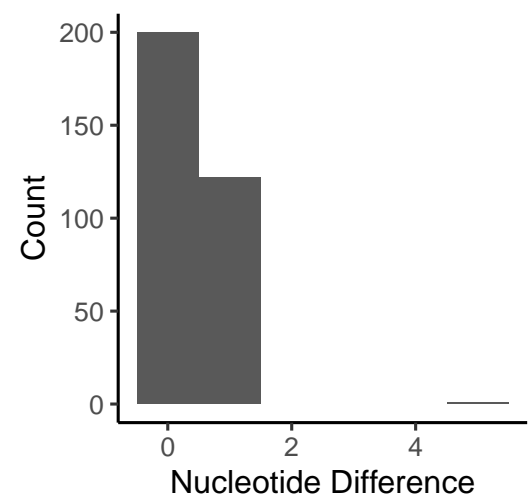
TRBV6-4*ap01

3463 sequences assigned
3437 (99.2%) exact matches, in which:
3434 unique CDR3
13 unique J



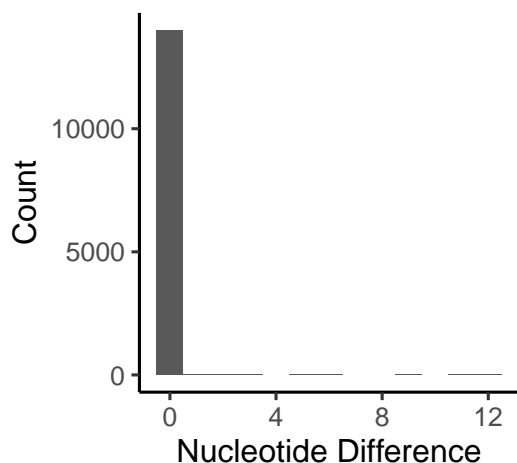
TRBV6-9*ap01

323 sequences assigned
200 (61.9%) exact matches, in which:
199 unique CDR3
13 unique J



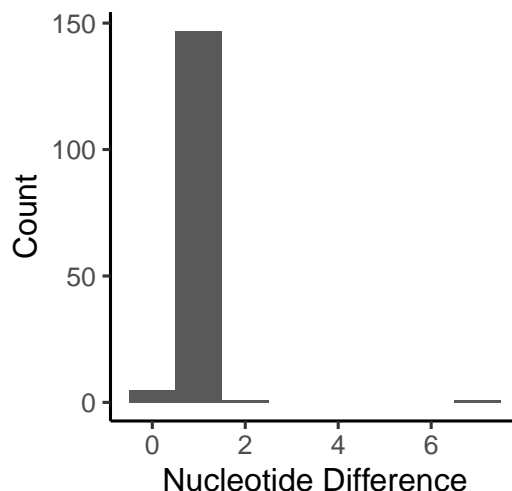
TRBV6-23*ap01

14040 sequences assigned
14004 (99.7%) exact matches, in which:
13987 unique CDR3
13 unique J



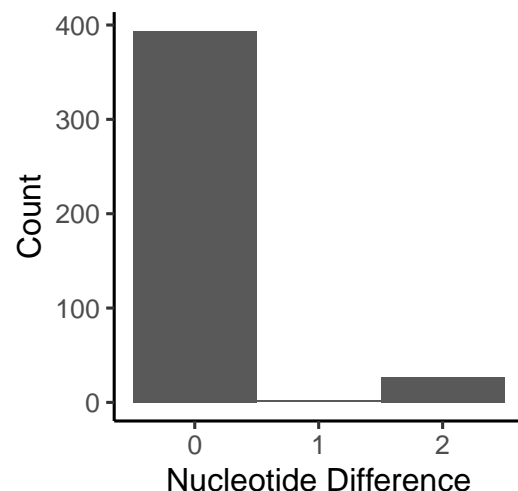
TRBV7-1*ap01_T296C

154 sequences assigned
5 (3.2%) exact matches, in which:
5 unique CDR3
4 unique J



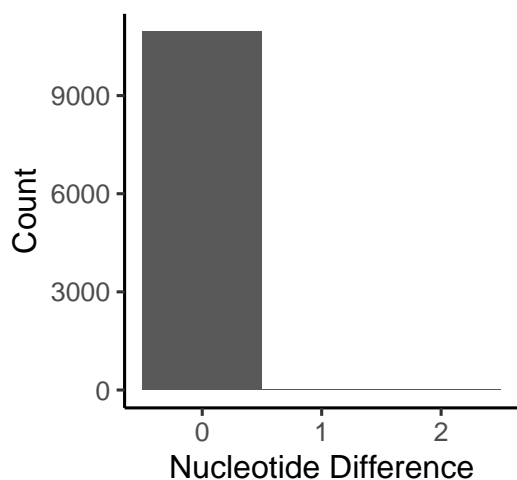
TRBV7-4*ap01

423 sequences assigned
394 (93.1%) exact matches, in which:
394 unique CDR3
13 unique J



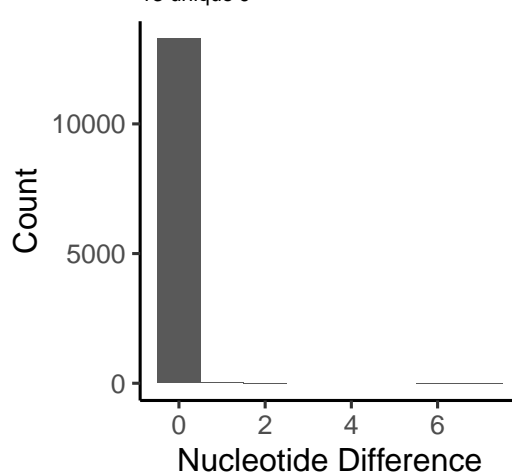
TRBV6-56*ap01

10979 sequences assigned
10952 (99.8%) exact matches, in which:
10936 unique CDR3
13 unique J



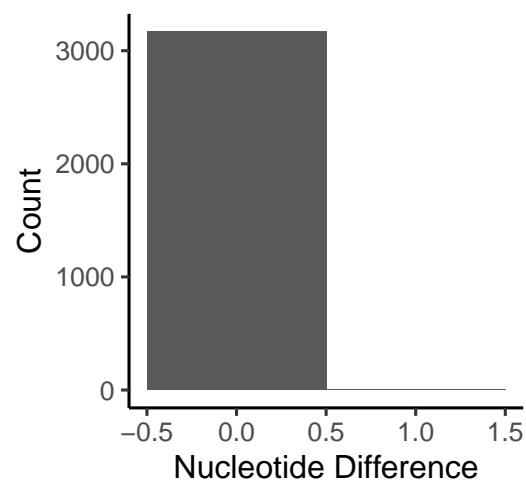
TRBV7-2*ap01

13319 sequences assigned
13294 (99.8%) exact matches, in which:
13287 unique CDR3
13 unique J



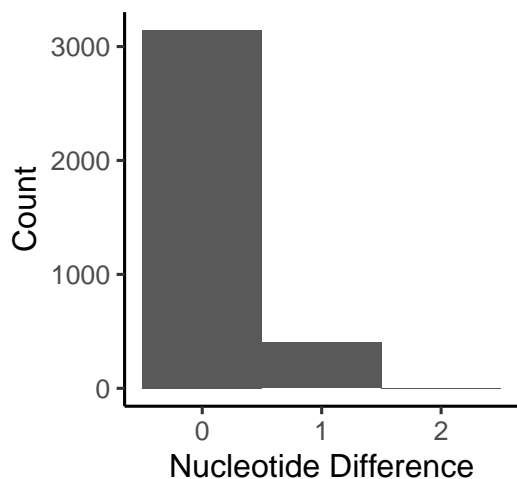
TRBV7-6*ap01

3170 sequences assigned
3168 (99.9%) exact matches, in which:
3165 unique CDR3
13 unique J



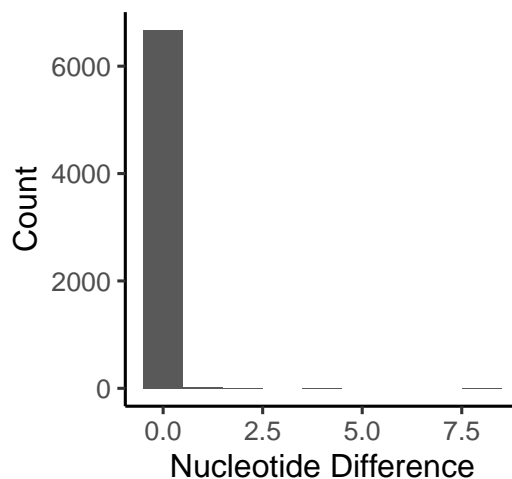
TRBV6-56*ap02

3550 sequences assigned
3145 (88.6%) exact matches, in which:
3141 unique CDR3
13 unique J



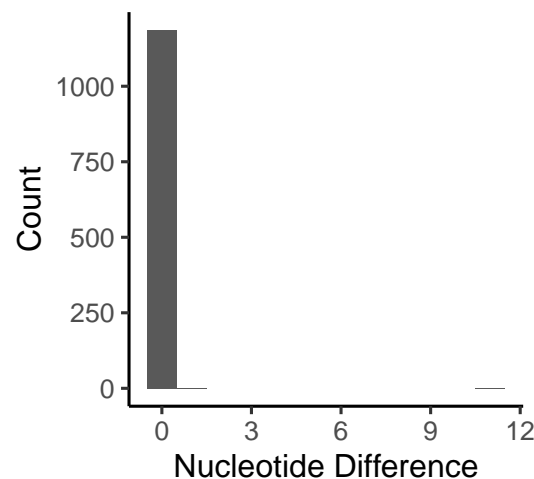
TRBV7-3*ap01

6701 sequences assigned
6673 (99.6%) exact matches, in which:
6661 unique CDR3
13 unique J



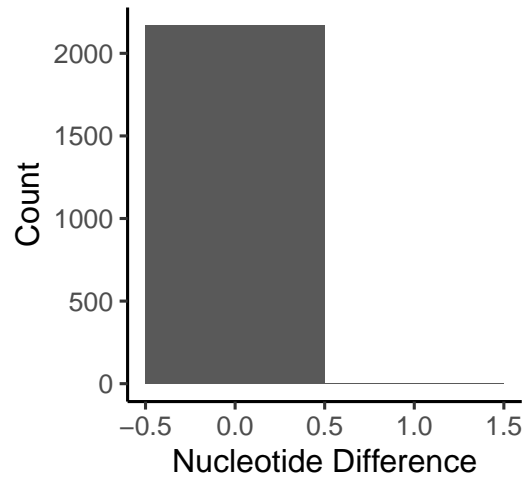
TRBV7-7*ap01

1188 sequences assigned
1186 (99.8%) exact matches, in which:
1186 unique CDR3
13 unique J



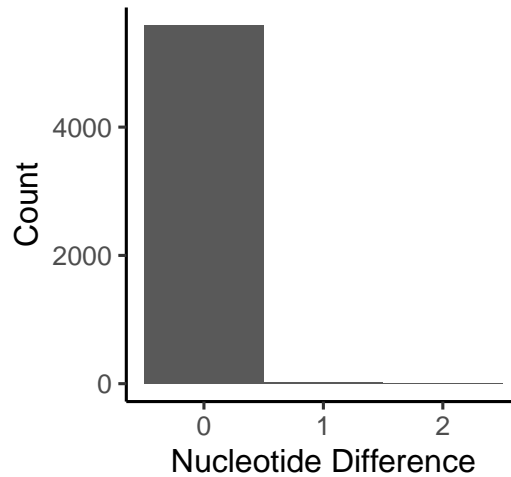
TRBV7-8*ap01

2172 sequences assigned
2169 (99.9%) exact matches, in which:
2169 unique CDR3
13 unique J



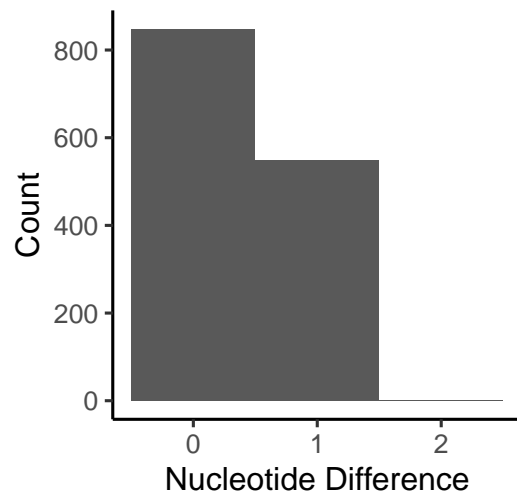
TRBV29-1*ap01

5611 sequences assigned
5586 (99.6%) exact matches, in which:
5575 unique CDR3
13 unique J



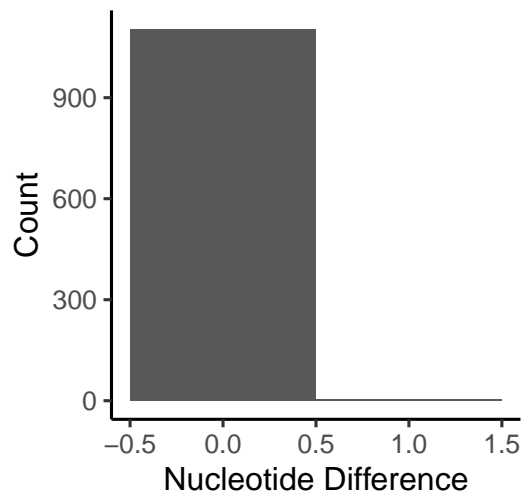
TRBV7-8*ap03

1398 sequences assigned
848 (60.7%) exact matches, in which:
848 unique CDR3
13 unique J



TRBV29-1*ap02

1107 sequences assigned
1104 (99.7%) exact matches, in which:
1102 unique CDR3
13 unique J



TRBV7-9*ap01

10901 sequences assigned
10885 (99.9%) exact matches, in which:
10884 unique CDR3
13 unique J

