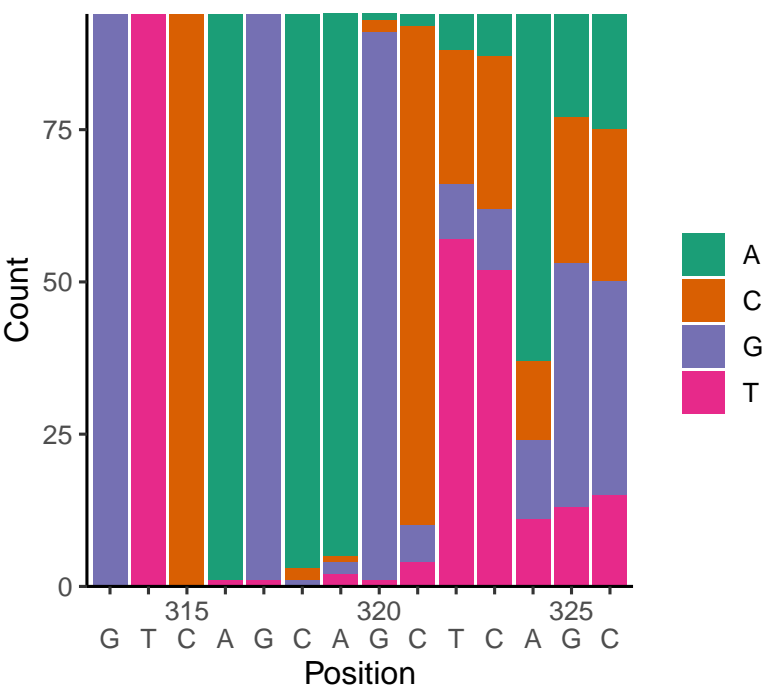
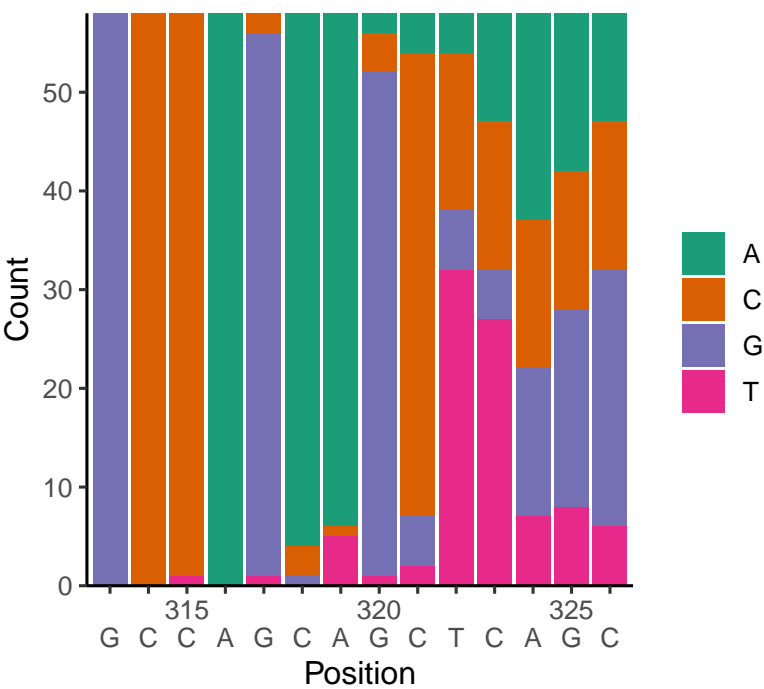


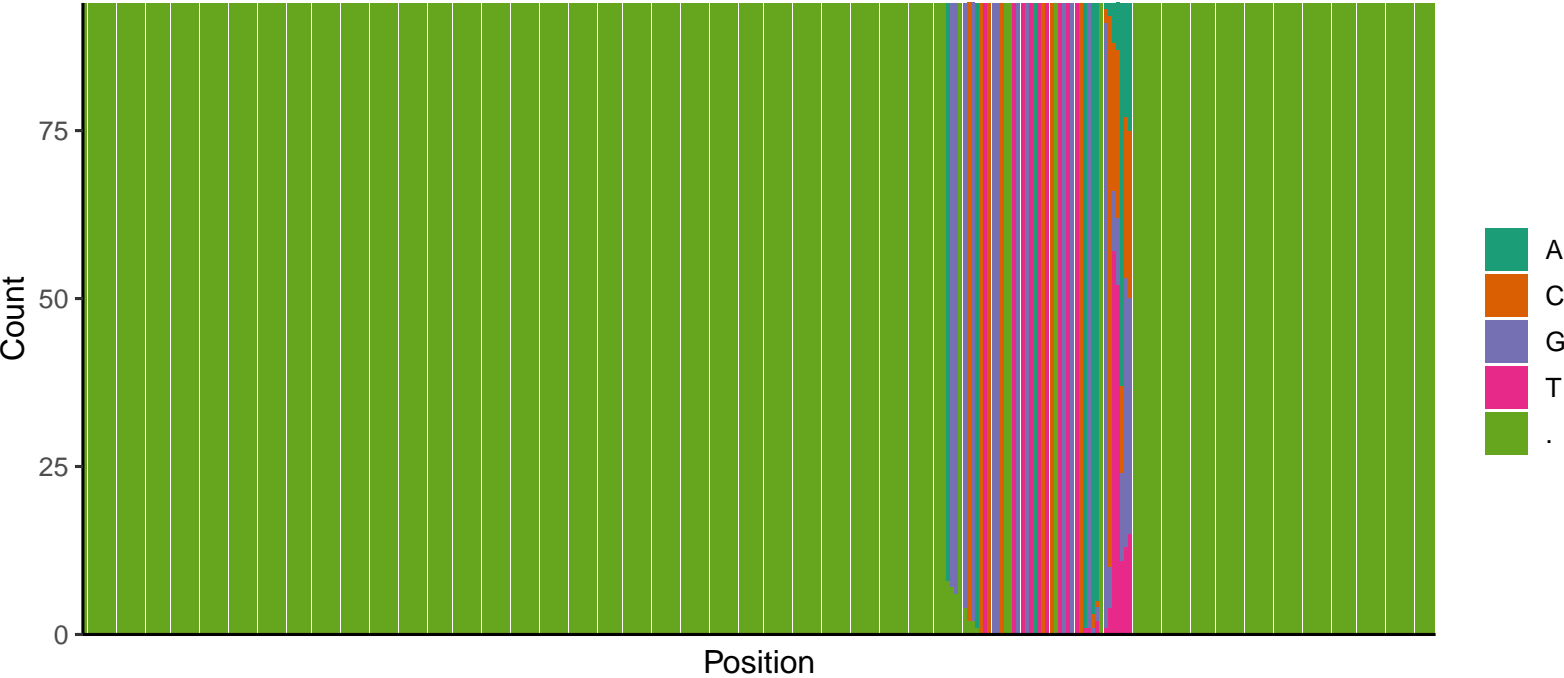
Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-1*ap01_G291C_T296C



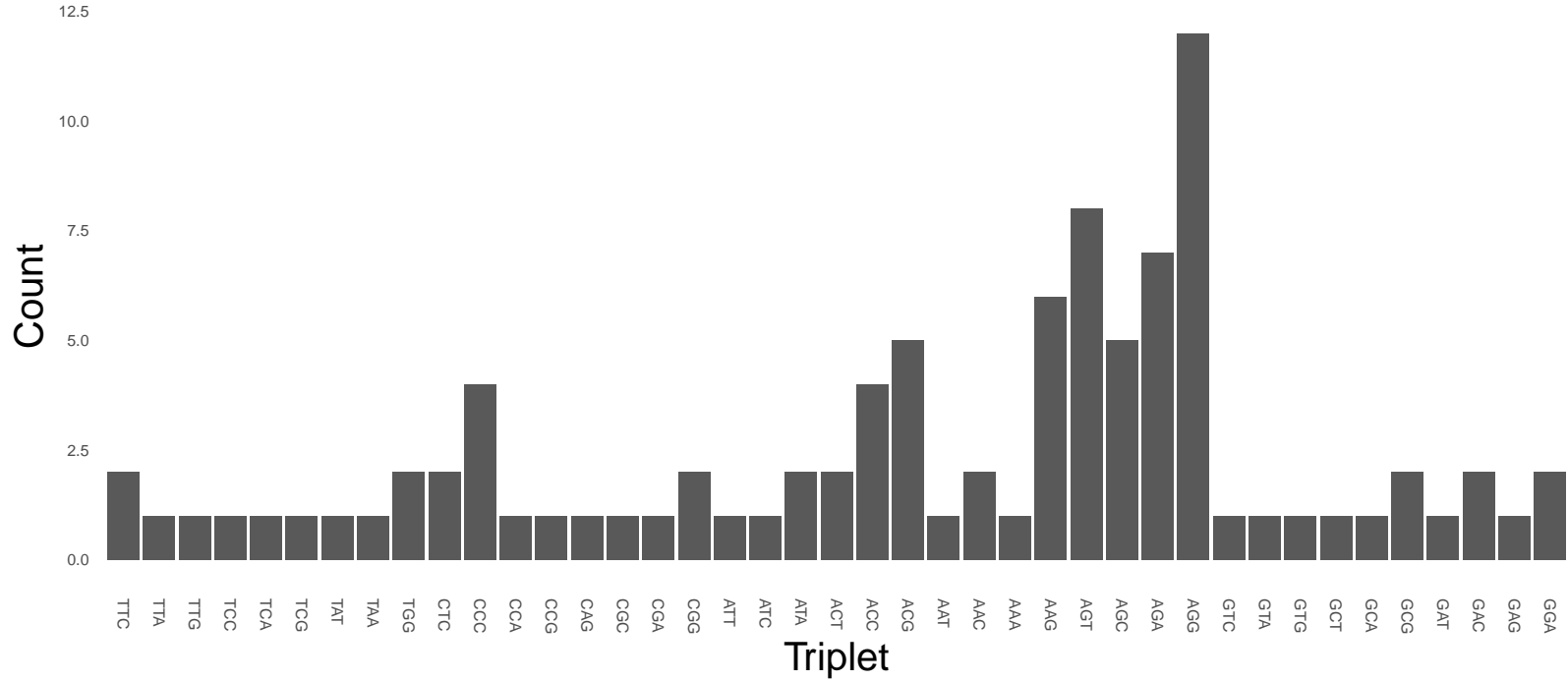
Gene TRBV7-1*ap01_G291C_T296C_C314T



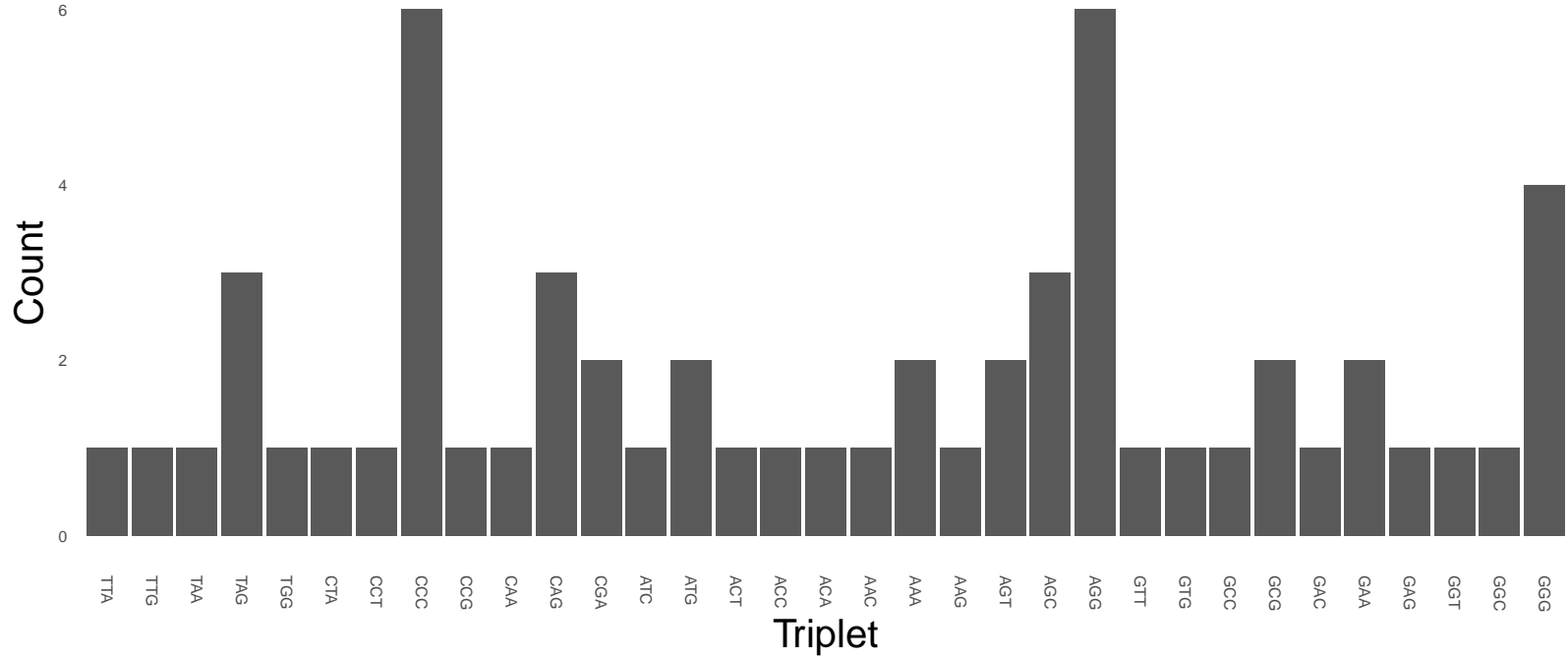
Gene TRBV7-1*ap01_G291C_T296C



TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet

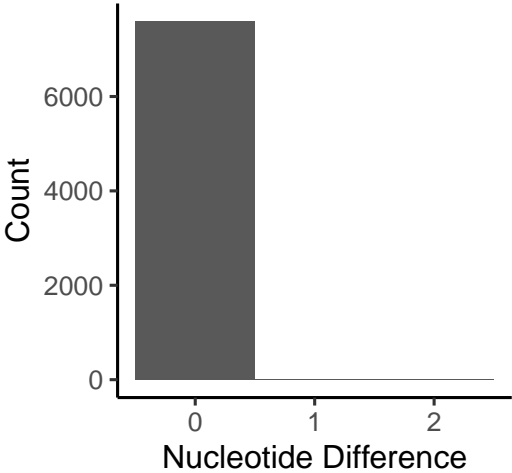


TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



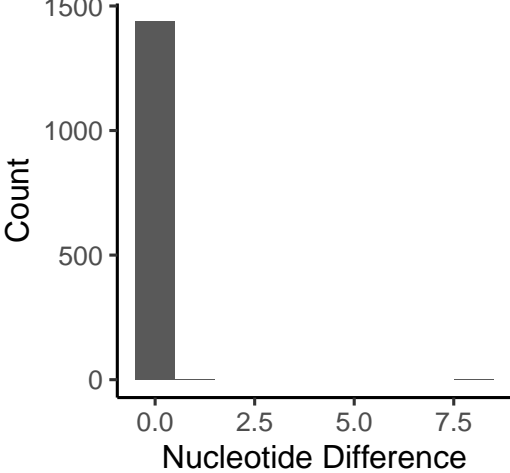
TRBV20-1*ap01

7606 sequences assigned
7591 (99.8%) exact matches, in which:
7579 unique CDR3
13 unique J



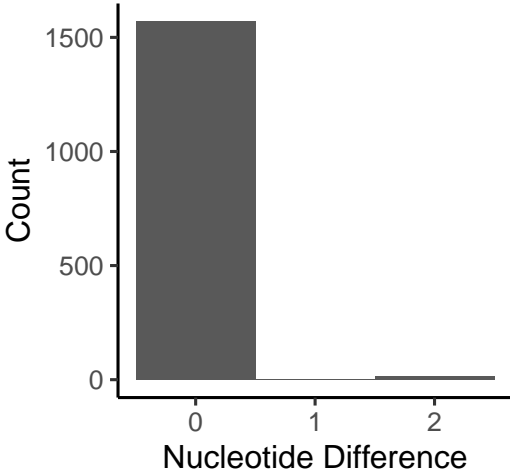
TRBV10-2*ap01

1441 sequences assigned
1438 (99.8%) exact matches, in which:
1437 unique CDR3
13 unique J



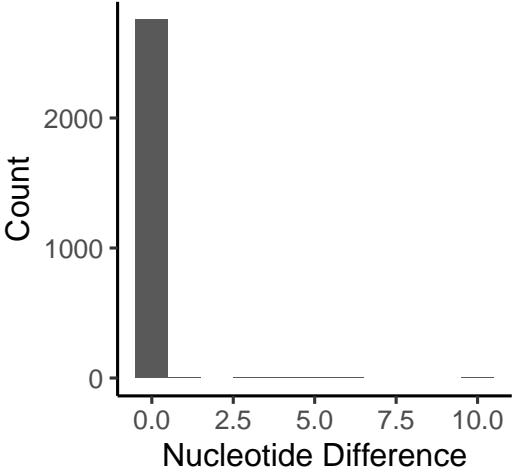
TRBV13*ap01

1591 sequences assigned
1570 (98.7%) exact matches, in which:
1570 unique CDR3
13 unique J



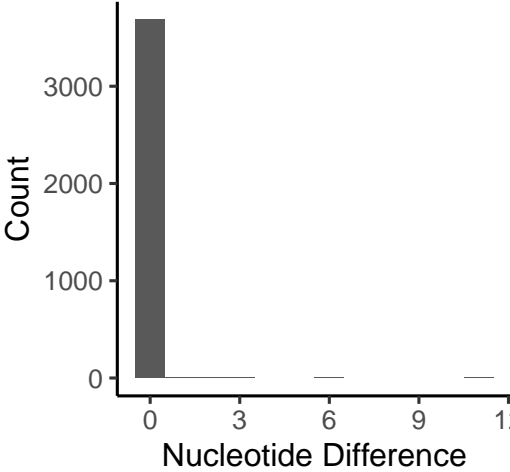
TRBV10-1*ap01

2764 sequences assigned
2756 (99.7%) exact matches, in which:
2755 unique CDR3
13 unique J



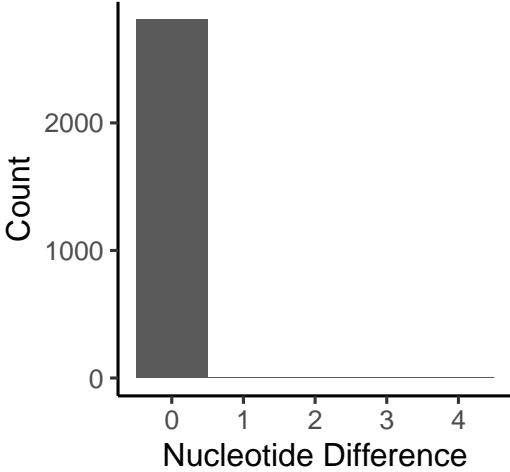
TRBV10-3*ap01

3697 sequences assigned
3684 (99.6%) exact matches, in which:
3683 unique CDR3
13 unique J



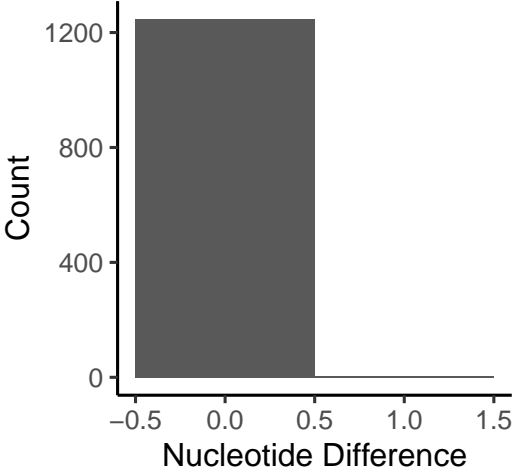
TRBV14*ap01

2813 sequences assigned
2809 (99.9%) exact matches, in which:
2809 unique CDR3
13 unique J



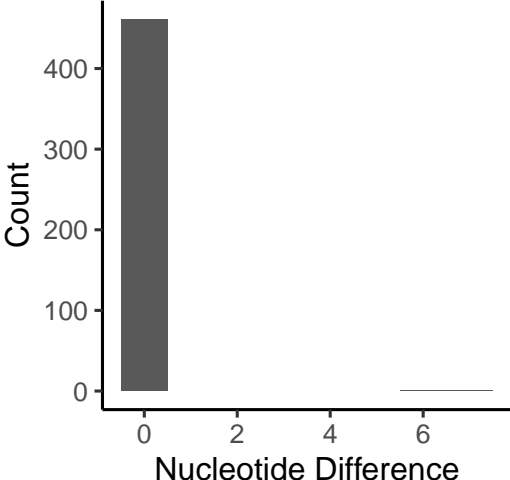
TRBV20-1*ap02

1252 sequences assigned
1247 (99.6%) exact matches, in which:
1244 unique CDR3
13 unique J



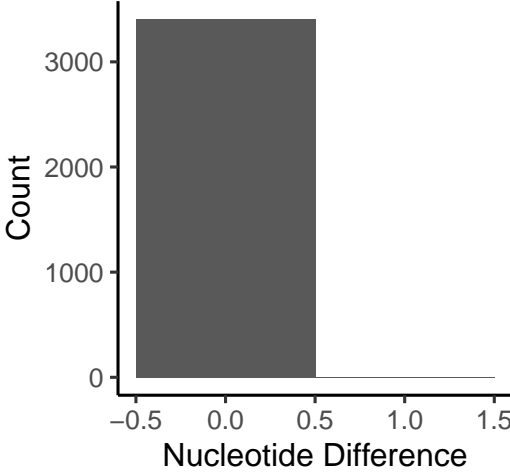
TRBV1*ap01

463 sequences assigned
461 (99.6%) exact matches, in which:
460 unique CDR3
13 unique J



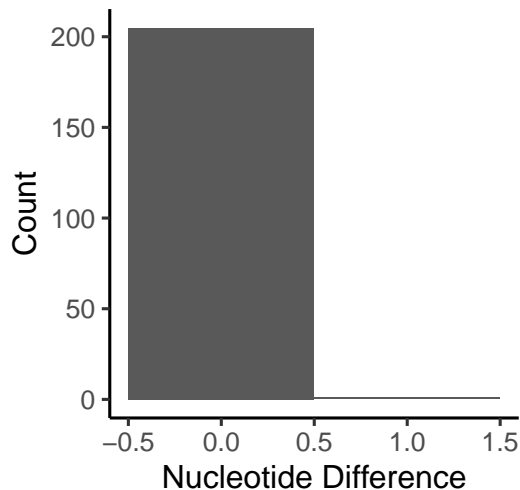
TRBV15*ap02

3412 sequences assigned
3407 (99.9%) exact matches, in which:
3398 unique CDR3
13 unique J



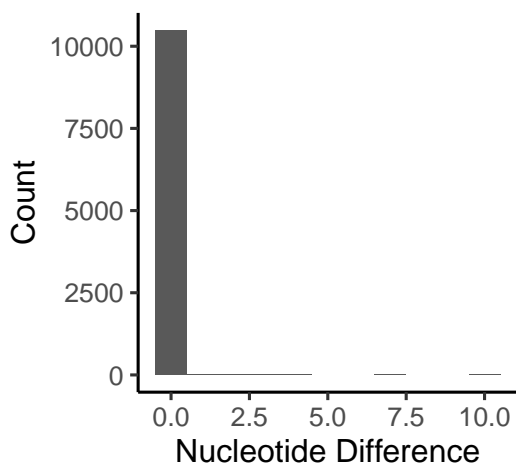
TRBV16*ap01

206 sequences assigned
205 (99.5%) exact matches, in which:
205 unique CDR3
13 unique J



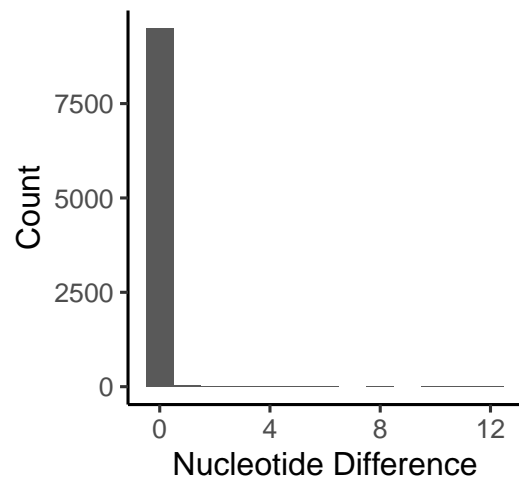
TRBV19*ap01

10526 sequences assigned
10489 (99.6%) exact matches, in which:
10489 unique CDR3
13 unique J



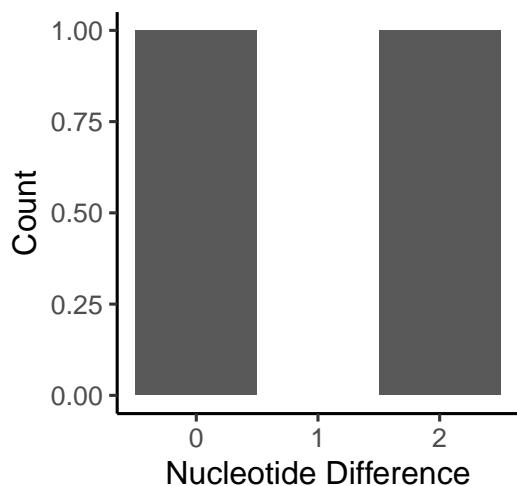
TRBV27*ap01

9541 sequences assigned
9492 (99.5%) exact matches, in which:
9467 unique CDR3
13 unique J



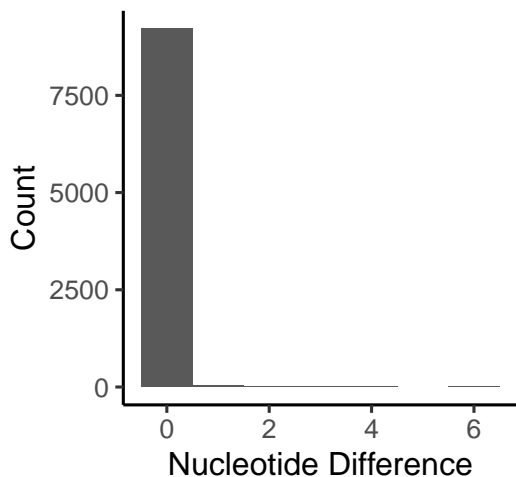
TRBV17*ap01

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



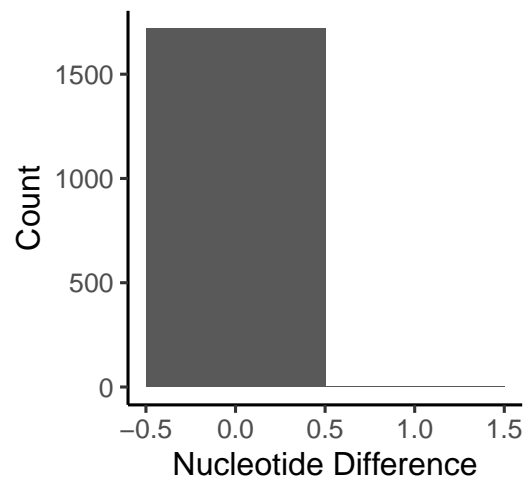
TRBV2*ap01

9253 sequences assigned
9214 (99.6%) exact matches, in which:
9192 unique CDR3
13 unique J



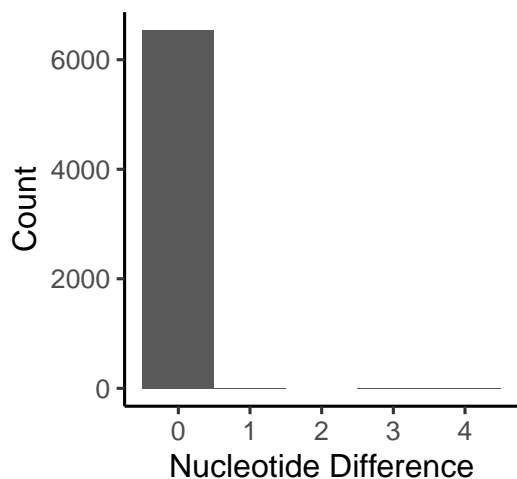
TRBV28*ap01

1722 sequences assigned
1718 (99.8%) exact matches, in which:
1718 unique CDR3
13 unique J



TRBV18*ap01

6547 sequences assigned
6542 (99.9%) exact matches, in which:
6538 unique CDR3
13 unique J



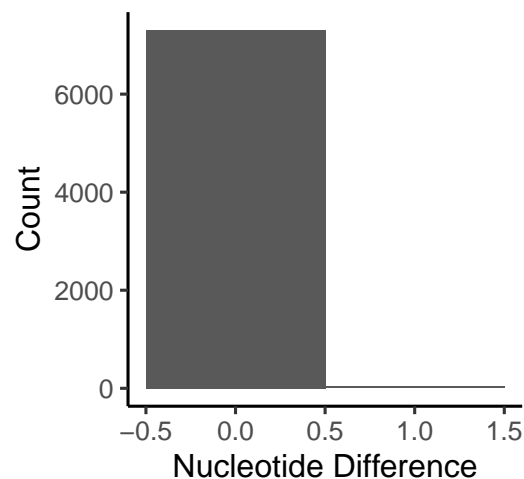
TRBV26*ap01

1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J



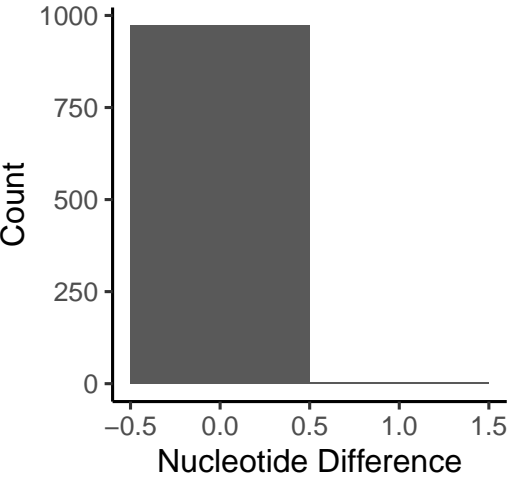
TRBV30*ap01

7345 sequences assigned
7307 (99.5%) exact matches, in which:
7298 unique CDR3
13 unique J



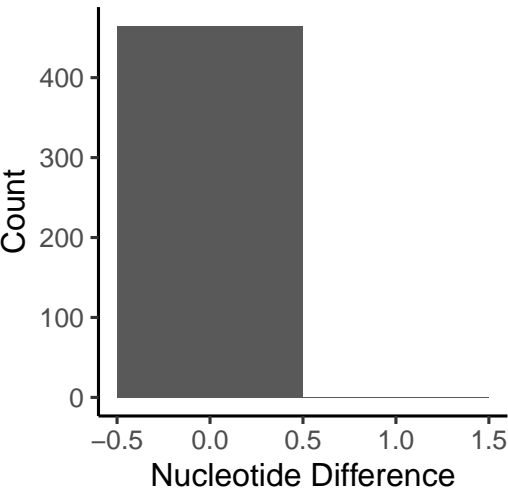
TRBV30*ap03

977 sequences assigned
973 (99.6%) exact matches, in which:
968 unique CDR3
13 unique J



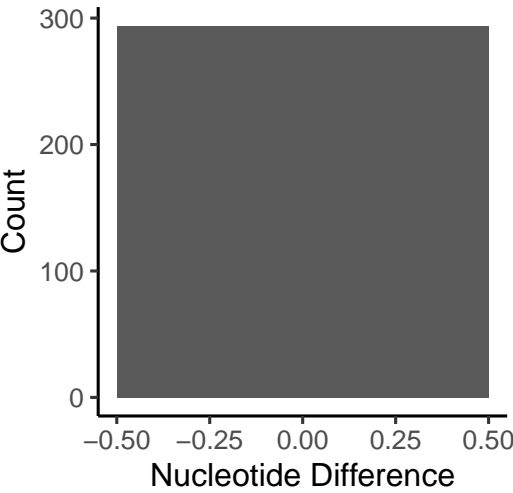
TRBV11-1*ap01

466 sequences assigned
465 (99.8%) exact matches, in which:
465 unique CDR3
12 unique J



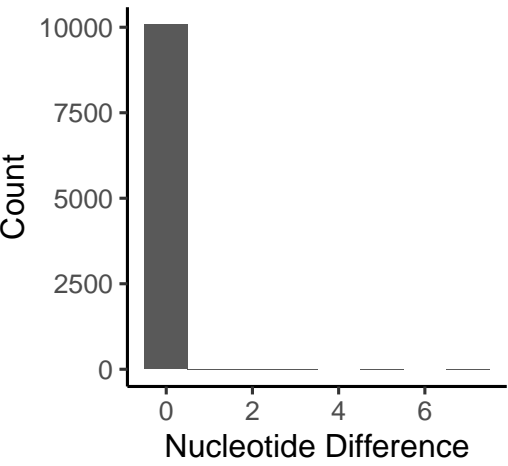
TRBV12-1*ap01

294 sequences assigned
294 (100%) exact matches, in which:
294 unique CDR3
13 unique J



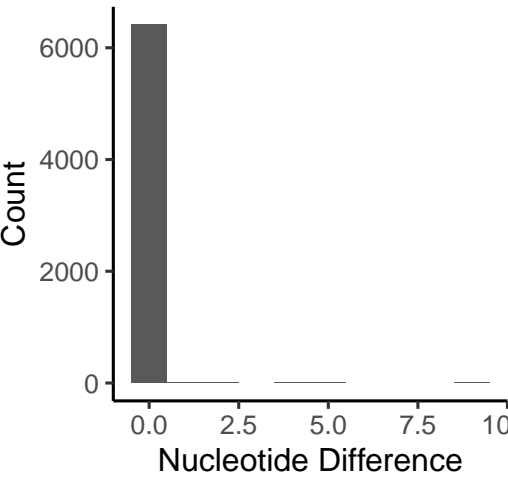
TRBV9*ap01

10101 sequences assigned
10081 (99.8%) exact matches, in which:
10073 unique CDR3
13 unique J



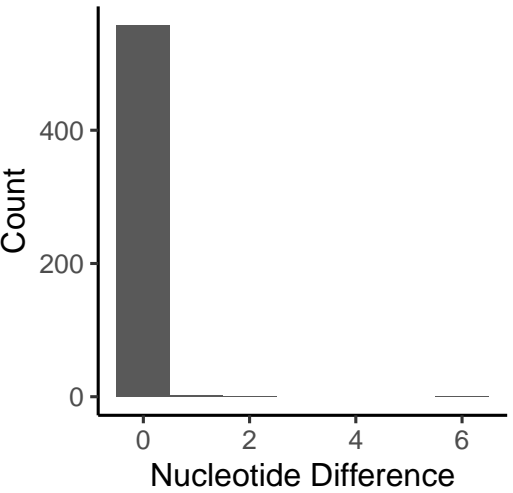
TRBV11-2*ap01

6426 sequences assigned
6412 (99.8%) exact matches, in which:
6412 unique CDR3
13 unique J



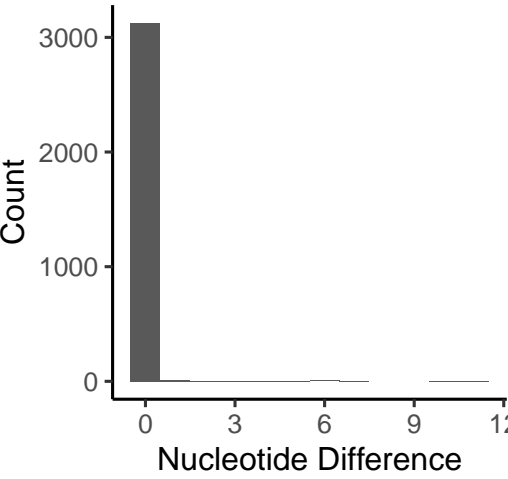
TRBV12-2*ap01

562 sequences assigned
558 (99.3%) exact matches, in which:
558 unique CDR3
13 unique J



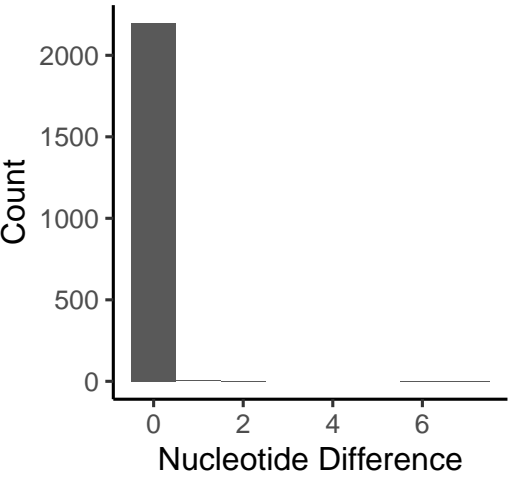
TRBV21-1*ap01

3159 sequences assigned
3125 (98.9%) exact matches, in which:
3124 unique CDR3
13 unique J



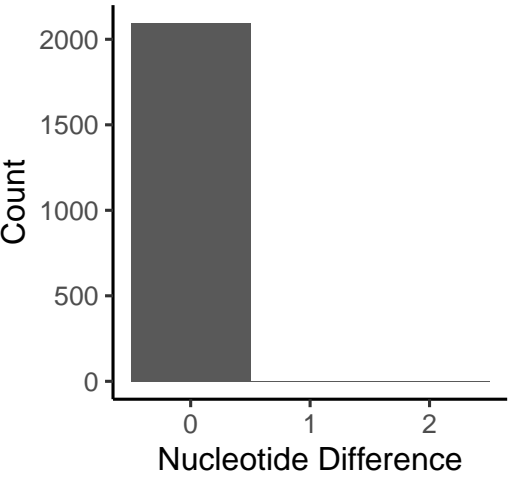
TRBV11-3*ap01

2206 sequences assigned
2198 (99.6%) exact matches, in which:
2198 unique CDR3
13 unique J



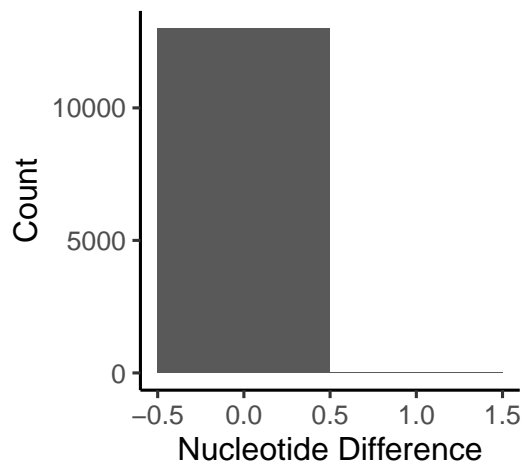
TRBV12-5*ap01

2099 sequences assigned
2095 (99.8%) exact matches, in which:
2094 unique CDR3
13 unique J



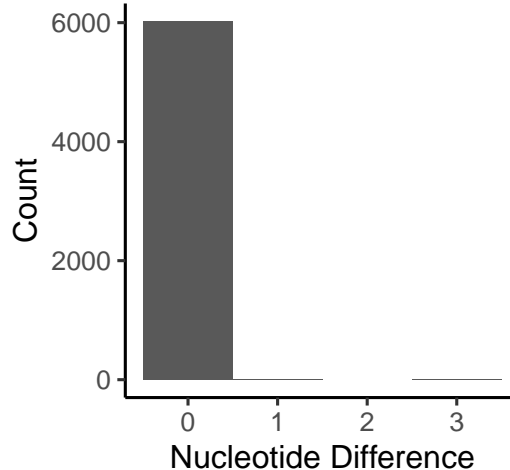
TRBV12–34*ap01

13024 sequences assigned
13008 (99.9%) exact matches, in which:
12999 unique CDR3
13 unique J



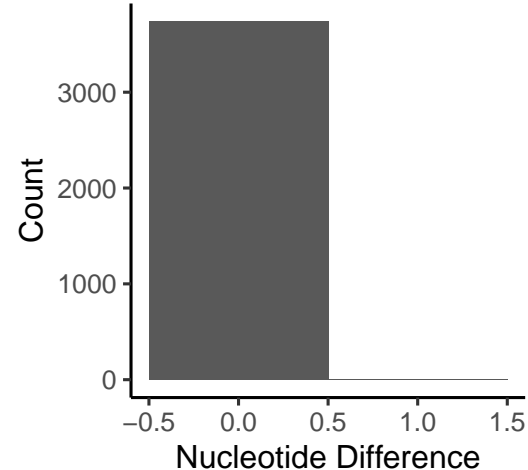
TRBV4–1*ap01

6028 sequences assigned
6021 (99.9%) exact matches, in which:
6012 unique CDR3
13 unique J



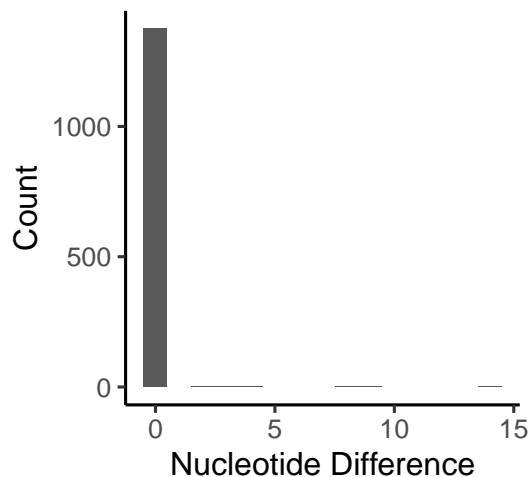
TRBV4–3*ap01

3745 sequences assigned
3739 (99.8%) exact matches, in which:
3736 unique CDR3
13 unique J



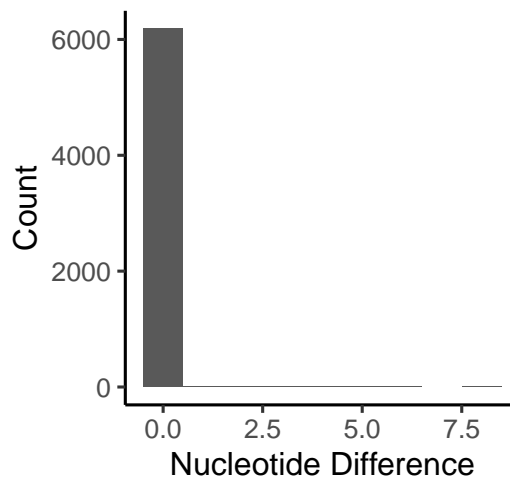
TRBV23–1*ap01

1381 sequences assigned
1375 (99.6%) exact matches, in which:
1374 unique CDR3
13 unique J



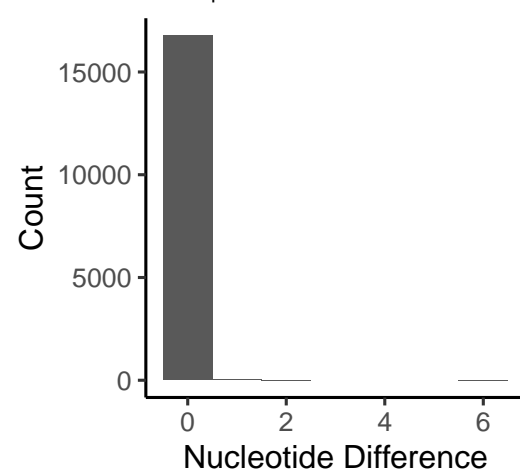
TRBV24–1*ap01

6213 sequences assigned
6185 (99.5%) exact matches, in which:
6174 unique CDR3
13 unique J



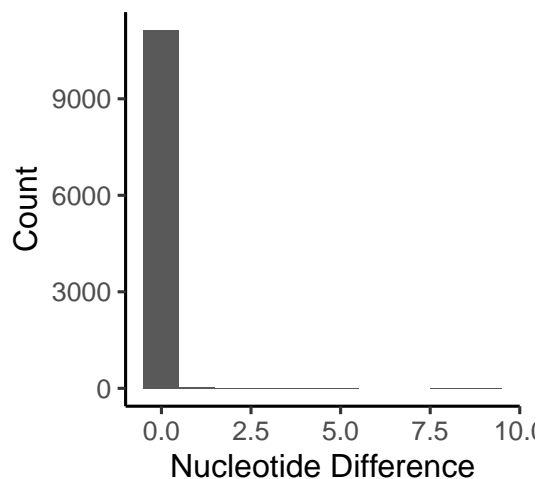
TRBV5–1*ap01

16807 sequences assigned
16777 (99.8%) exact matches, in which:
16726 unique CDR3
13 unique J



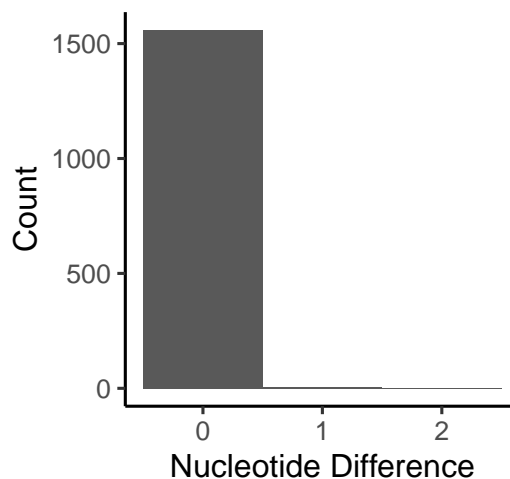
TRBV3–12*ap01

11189 sequences assigned
11137 (99.5%) exact matches, in which:
11121 unique CDR3
13 unique J



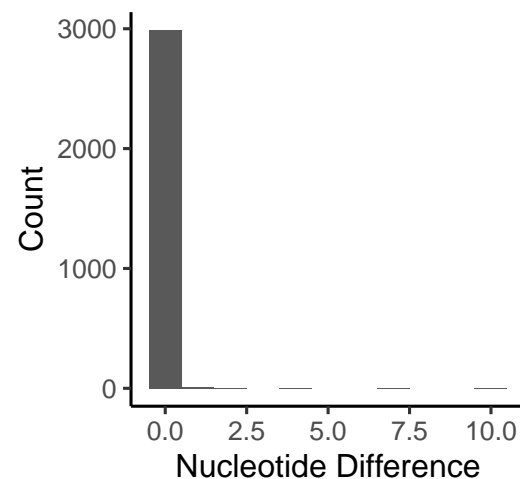
TRBV4–2*ap01

1566 sequences assigned
1559 (99.6%) exact matches, in which:
1559 unique CDR3
13 unique J



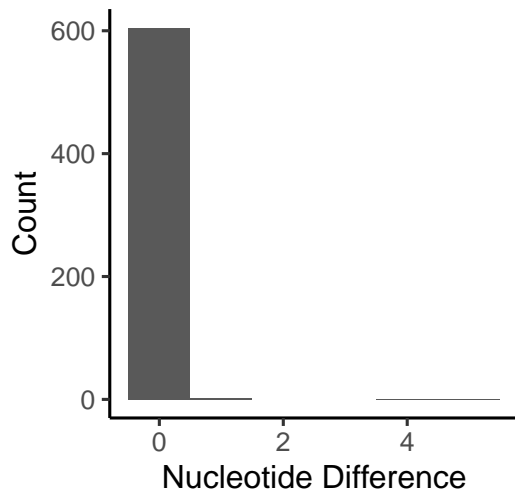
TRBV25–1*ap01

3010 sequences assigned
2989 (99.3%) exact matches, in which:
2984 unique CDR3
13 unique J



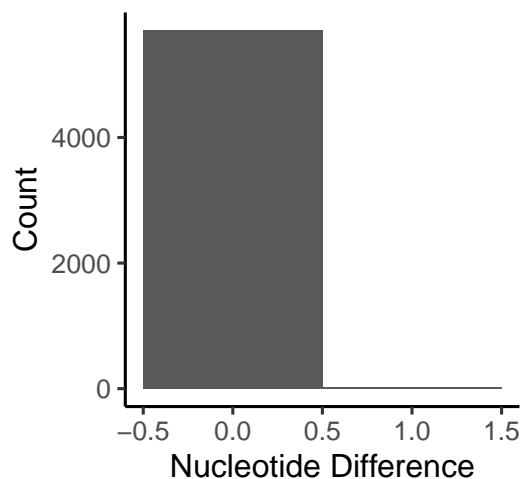
TRBV5-3*ap01

609 sequences assigned
605 (99.3%) exact matches, in which:
605 unique CDR3
13 unique J



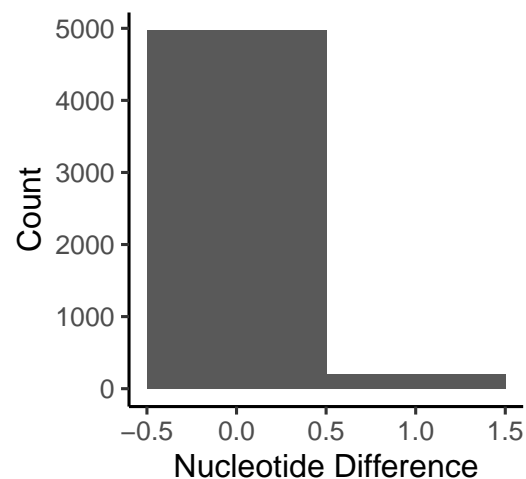
TRBV5-6*ap01

5721 sequences assigned
5705 (99.7%) exact matches, in which:
5686 unique CDR3
13 unique J



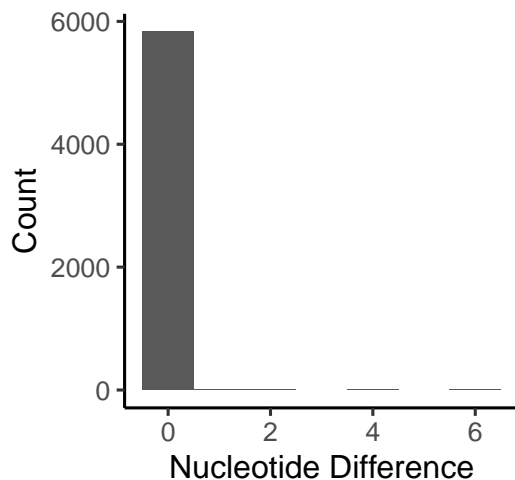
TRBV6-1*ap01

5168 sequences assigned
4971 (96.2%) exact matches, in which:
4957 unique CDR3
13 unique J



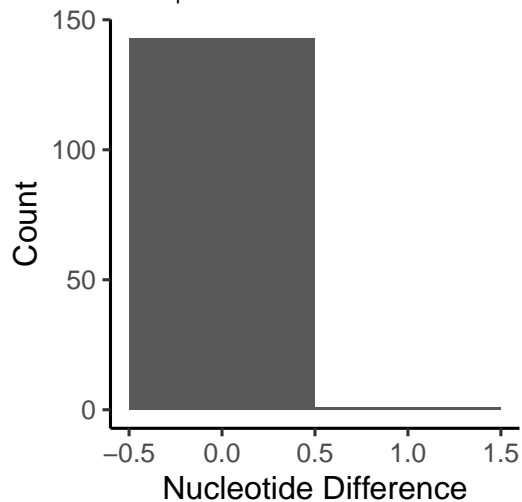
TRBV5-4*ap01

5851 sequences assigned
5832 (99.7%) exact matches, in which:
5828 unique CDR3
13 unique J



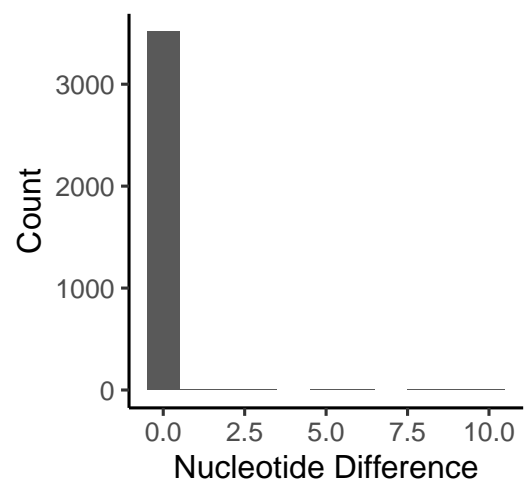
TRBV5-7*ap01

144 sequences assigned
143 (99.3%) exact matches, in which:
143 unique CDR3
12 unique J



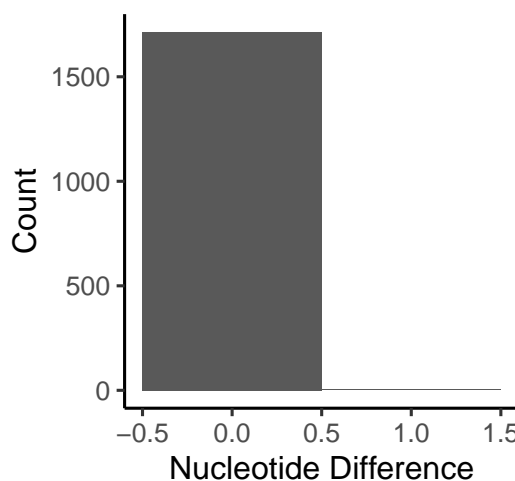
TRBV6-4*ap01

3532 sequences assigned
3515 (99.5%) exact matches, in which:
3512 unique CDR3
13 unique J



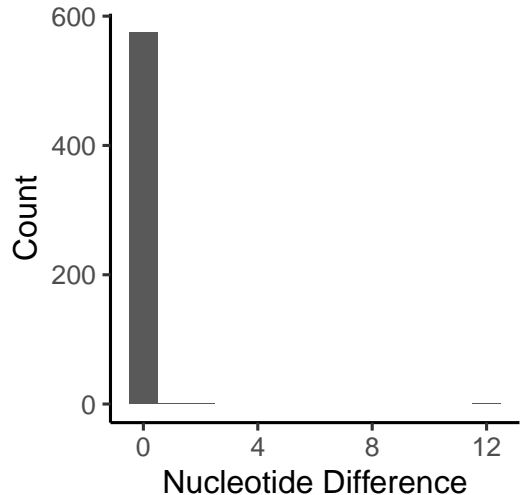
TRBV5-5*ap01

1717 sequences assigned
1714 (99.8%) exact matches, in which:
1713 unique CDR3
13 unique J



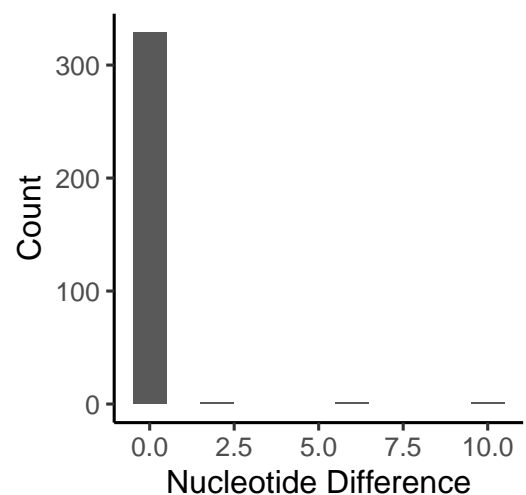
TRBV5-8*ap01

578 sequences assigned
575 (99.5%) exact matches, in which:
575 unique CDR3
13 unique J



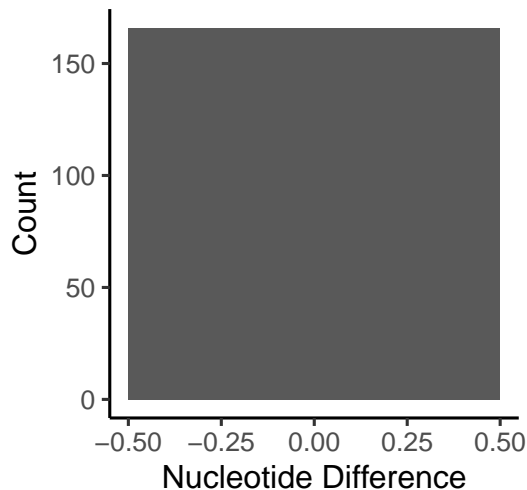
TRBV6-7*ap01

332 sequences assigned
329 (99.1%) exact matches, in which:
328 unique CDR3
13 unique J



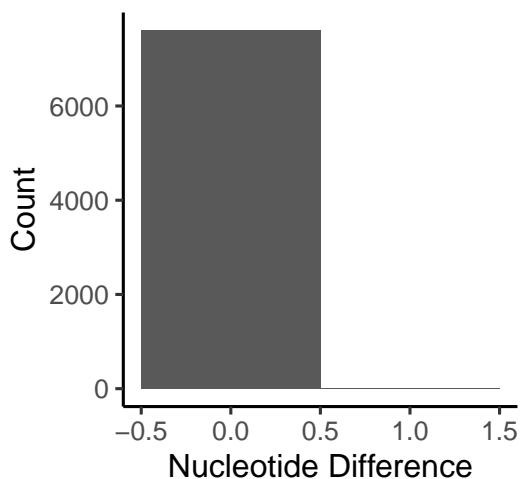
TRBV6–8*ap01

166 sequences assigned
166 (100%) exact matches, in which:
166 unique CDR3
13 unique J



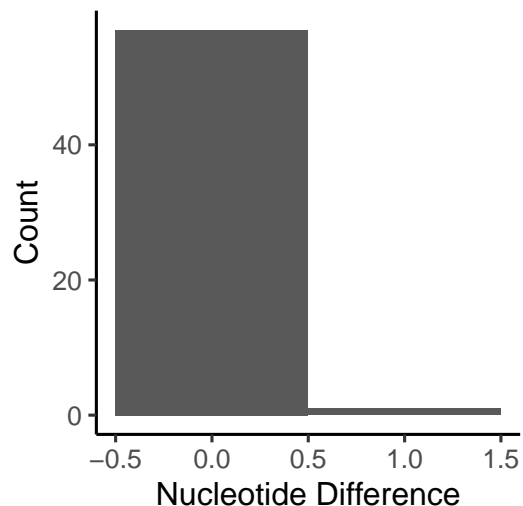
TRBV6–56*ap01

7621 sequences assigned
7604 (99.8%) exact matches, in which:
7592 unique CDR3
13 unique J



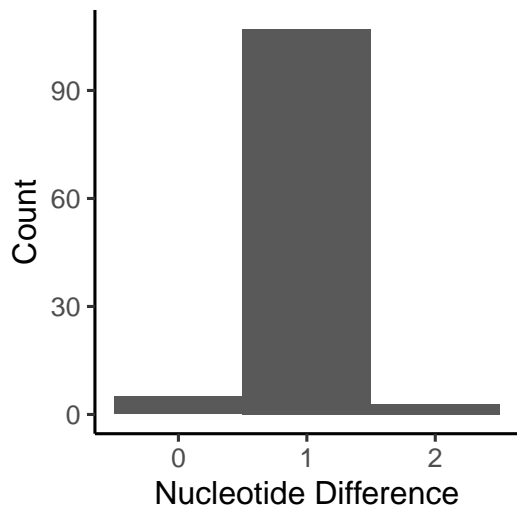
TRBV7–1*ap01_G291C_T

58 sequences assigned
57 (98.3%) exact matches, in which:
57 unique CDR3
12 unique J



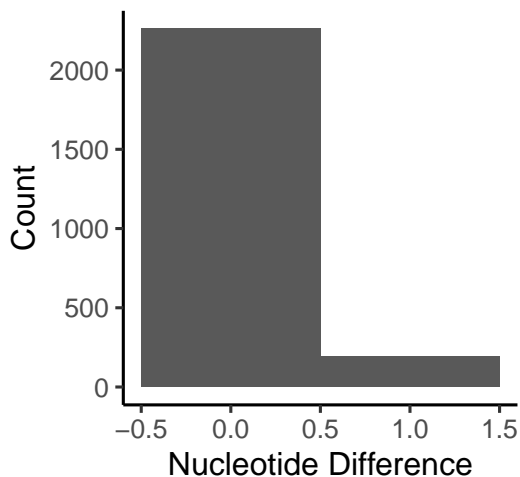
TRBV6–9*ap01

115 sequences assigned
5 (4.3%) exact matches, in which:
5 unique CDR3
2 unique J



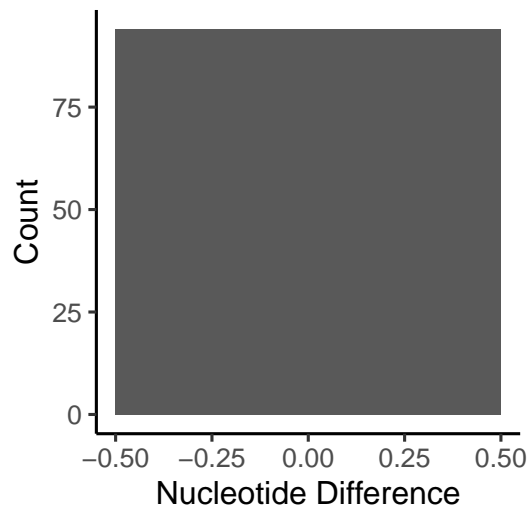
TRBV6–56*ap02

2452 sequences assigned
2261 (92.2%) exact matches, in which:
2260 unique CDR3
13 unique J



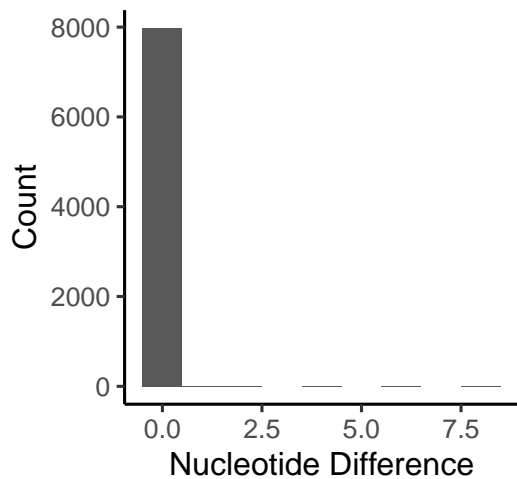
TRBV7–1*ap01_G291C_T

94 sequences assigned
94 (100%) exact matches, in which:
94 unique CDR3
12 unique J



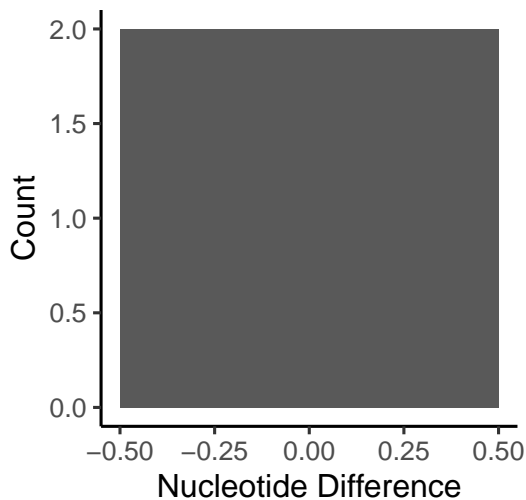
TRBV6–23*ap01

7998 sequences assigned
7979 (99.8%) exact matches, in which:
7953 unique CDR3
13 unique J



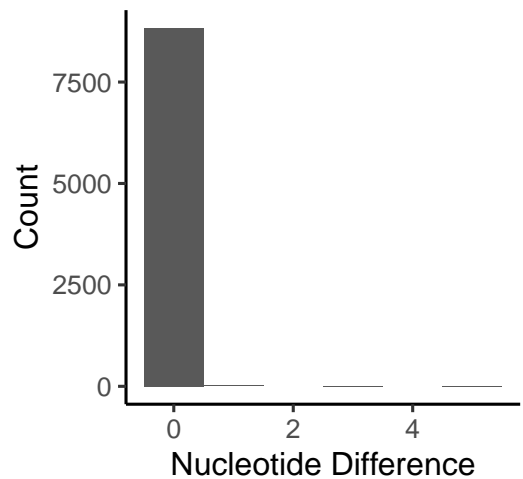
TRBV7–1*ap01

2 sequences assigned
2 (100%) exact matches, in which:
2 unique CDR3
2 unique J



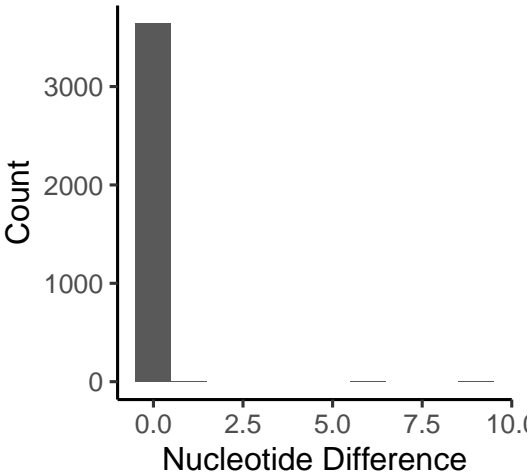
TRBV7–2*ap01

8856 sequences assigned
8831 (99.7%) exact matches, in which:
8829 unique CDR3
13 unique J



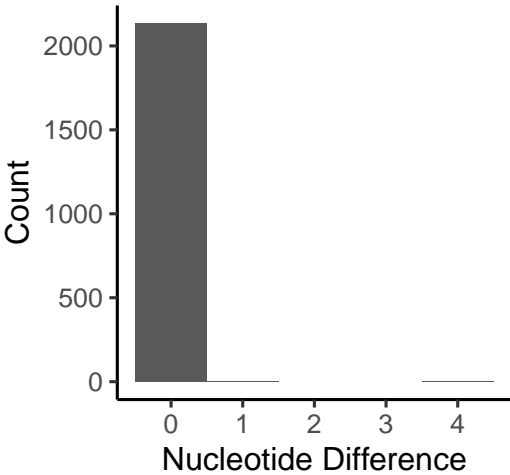
TRBV7-3*ap01

3654 sequences assigned
3642 (99.7%) exact matches, in which:
3638 unique CDR3
13 unique J



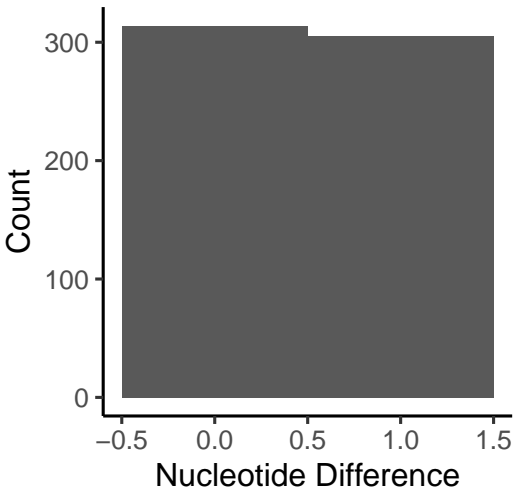
TRBV7-6*ap01

2136 sequences assigned
2134 (99.9%) exact matches, in which:
2134 unique CDR3
13 unique J



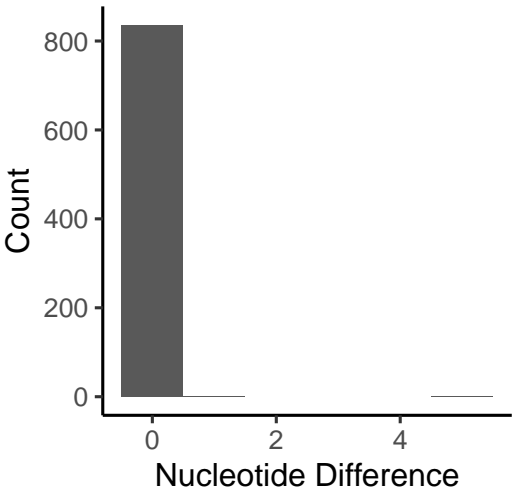
TRBV7-8*ap03

619 sequences assigned
314 (50.7%) exact matches, in which:
314 unique CDR3
13 unique J



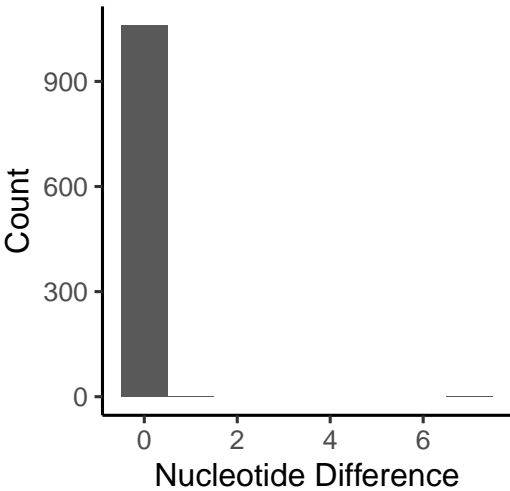
TRBV7-3*ap02

839 sequences assigned
836 (99.6%) exact matches, in which:
835 unique CDR3
13 unique J



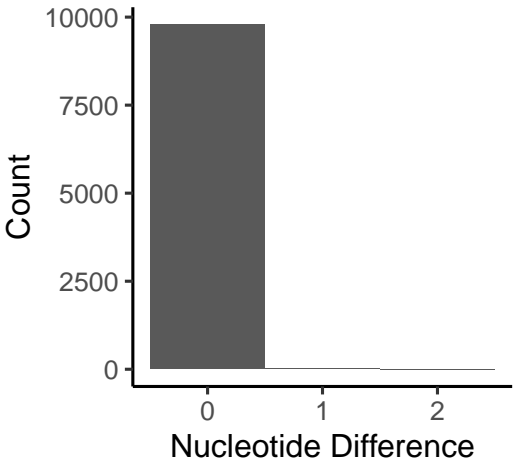
TRBV7-7*ap01

1063 sequences assigned
1061 (99.8%) exact matches, in which:
1059 unique CDR3
13 unique J



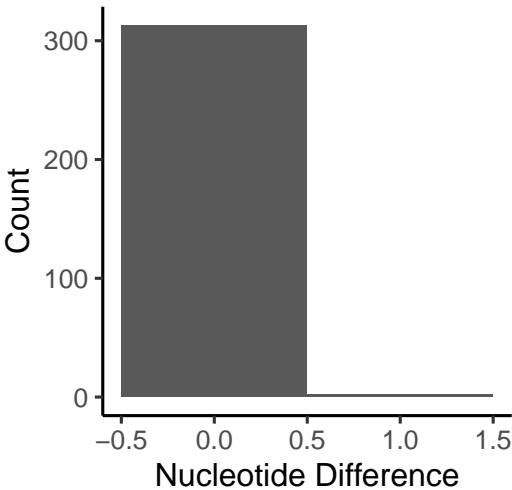
TRBV7-9*ap01

9811 sequences assigned
9791 (99.8%) exact matches, in which:
9788 unique CDR3
13 unique J



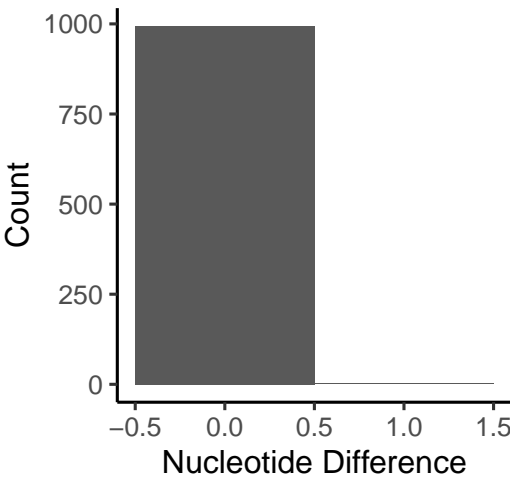
TRBV7-4*ap01

315 sequences assigned
313 (99.4%) exact matches, in which:
313 unique CDR3
13 unique J



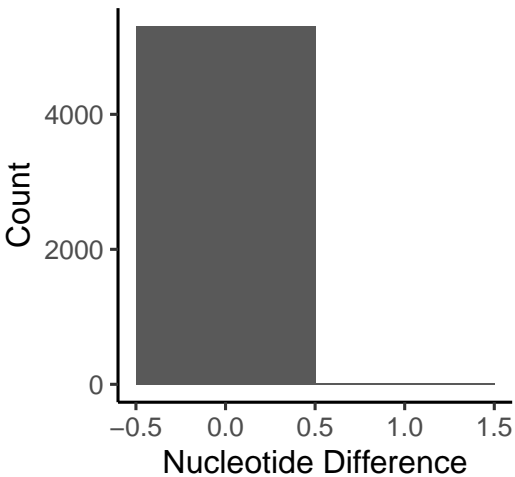
TRBV7-8*ap01

996 sequences assigned
994 (99.8%) exact matches, in which:
994 unique CDR3
13 unique J



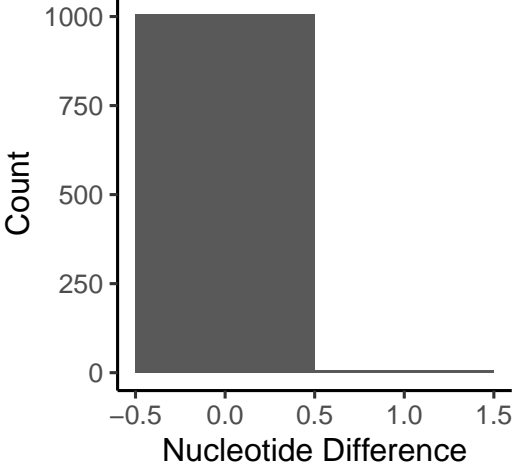
TRBV29-1*ap01

5327 sequences assigned
5308 (99.6%) exact matches, in which:
5297 unique CDR3
13 unique J

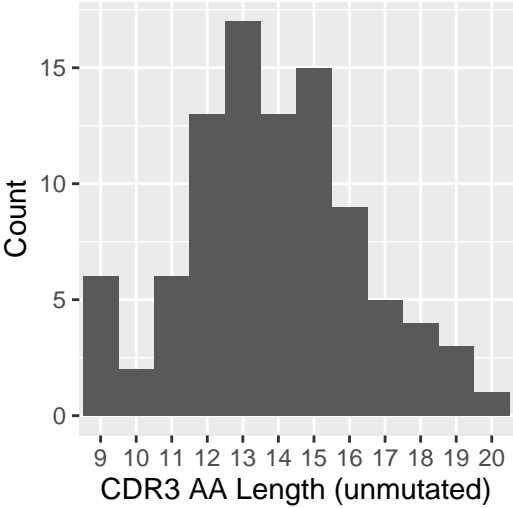


TRBV29-1*ap02

1013 sequences assigned
1006 (99.3%) exact matches, in which:
1003 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C

