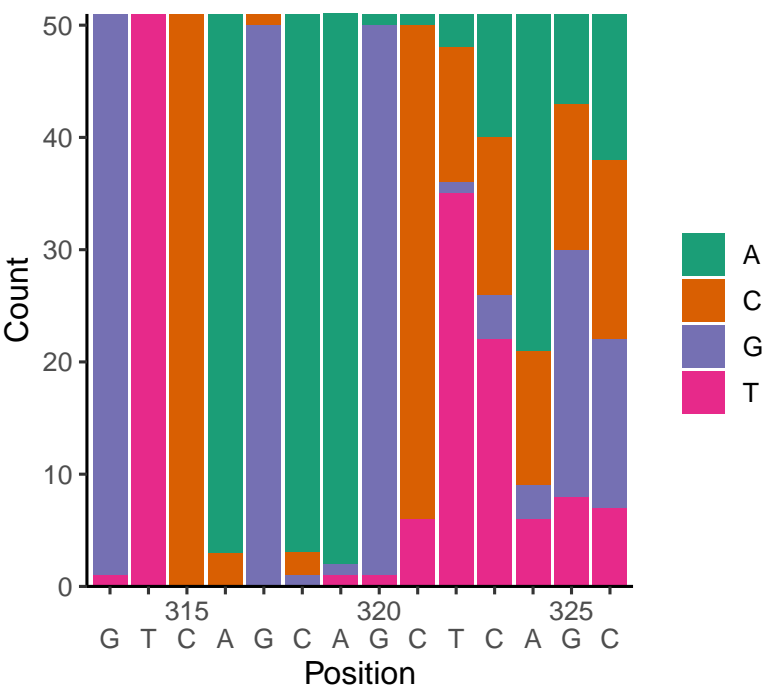
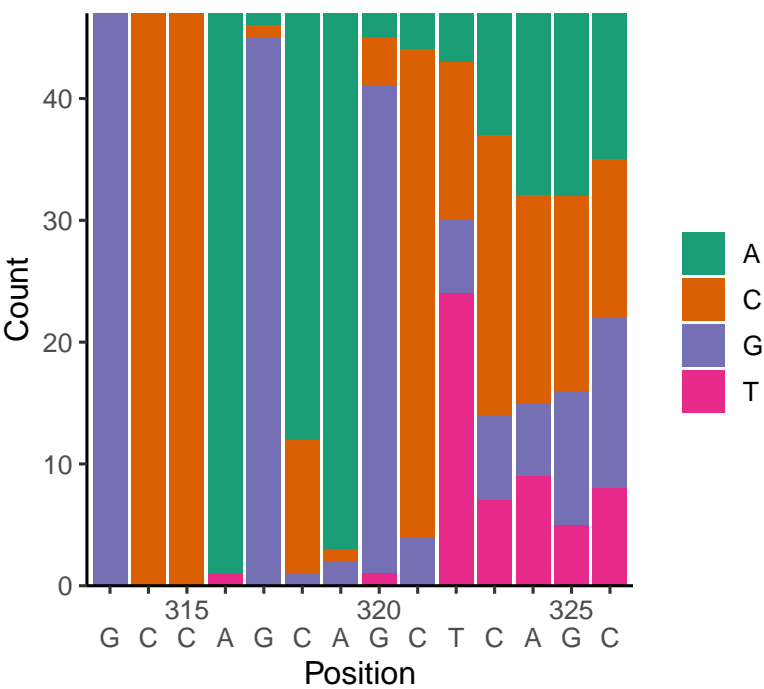


Gene TRBV7-1*ap01_T296C_C314T



Gene TRBV7-1*ap01_T296C



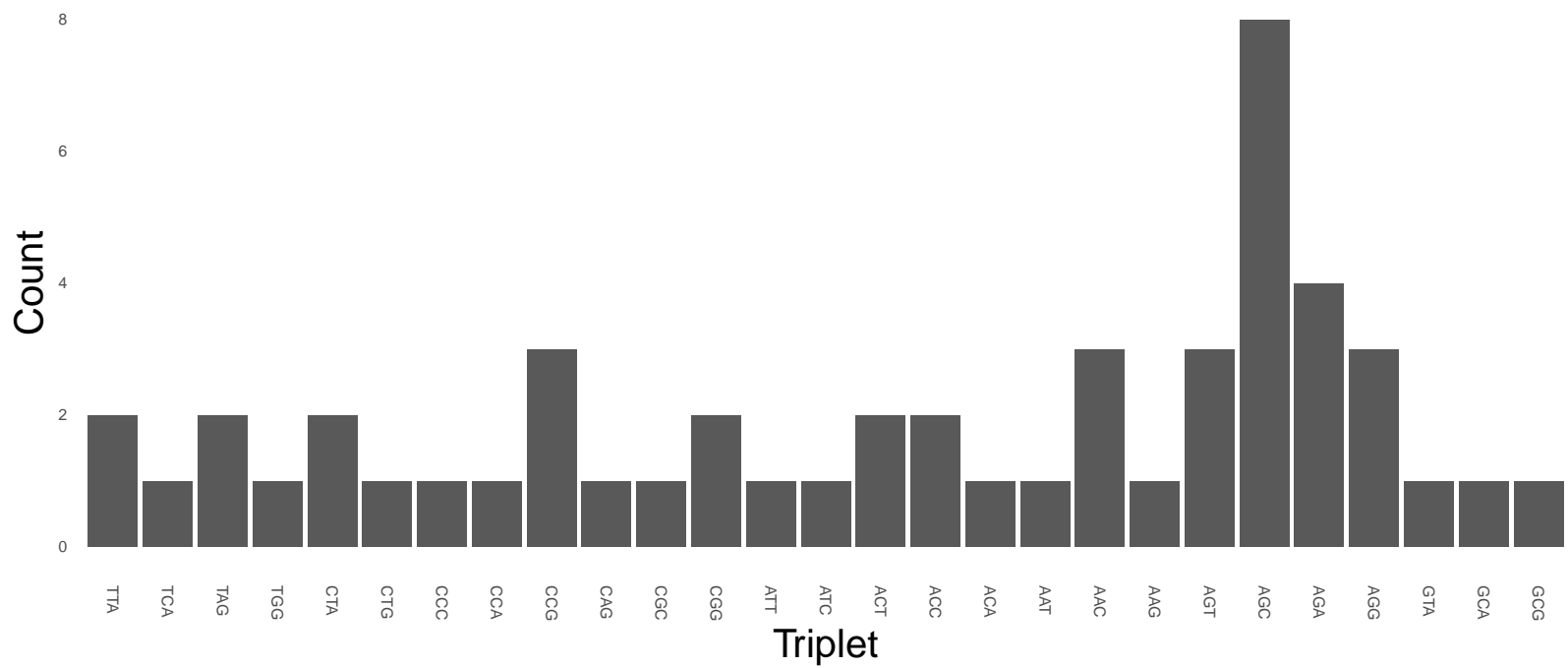
Gene TRBV7-1*ap01_T296C_C314T



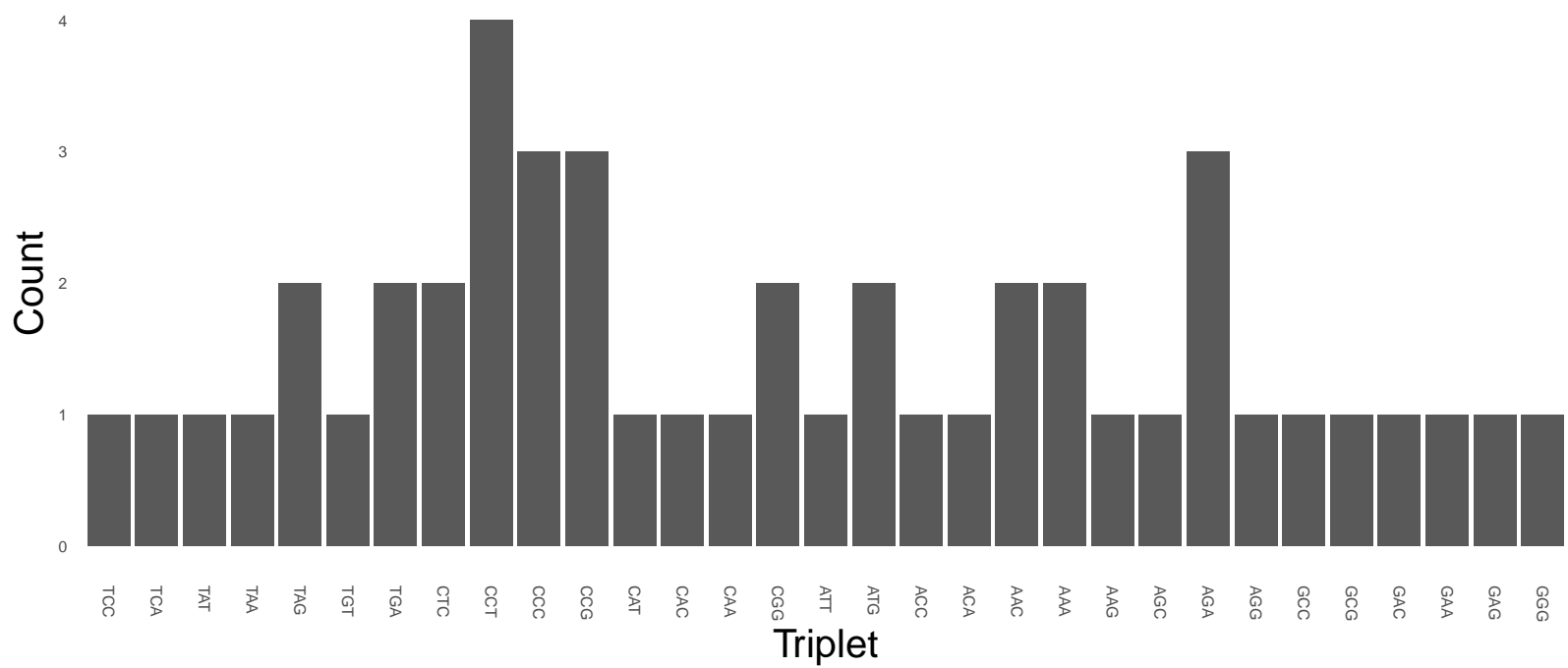
Gene TRBV7-1*ap01_T296C



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

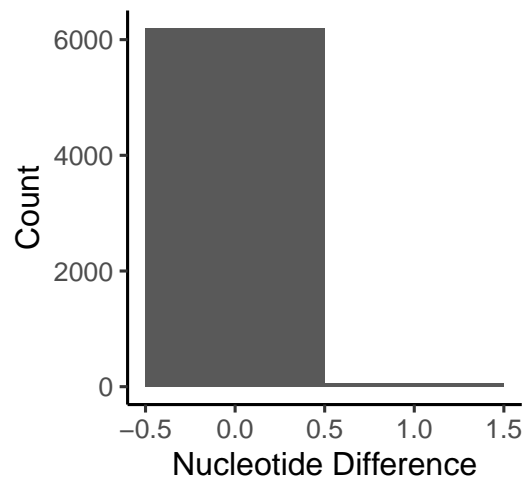


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



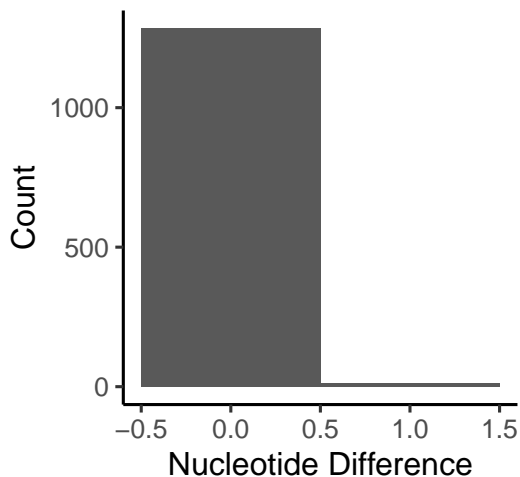
TRBV20-1*ap01

6255 sequences assigned
6194 (99%) exact matches, in which:
6098 unique CDR3
13 unique J



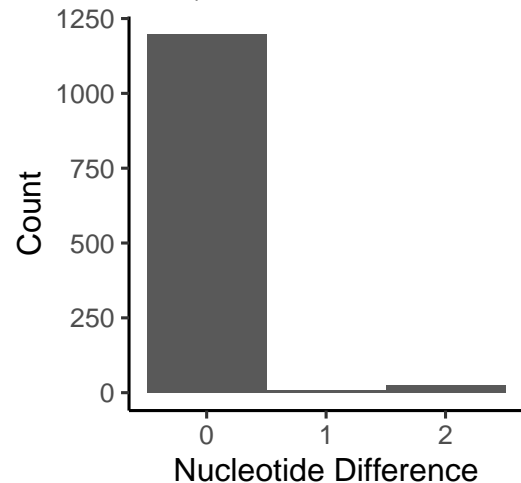
TRBV10-2*ap01

1295 sequences assigned
1284 (99.2%) exact matches, in which:
1264 unique CDR3
13 unique J



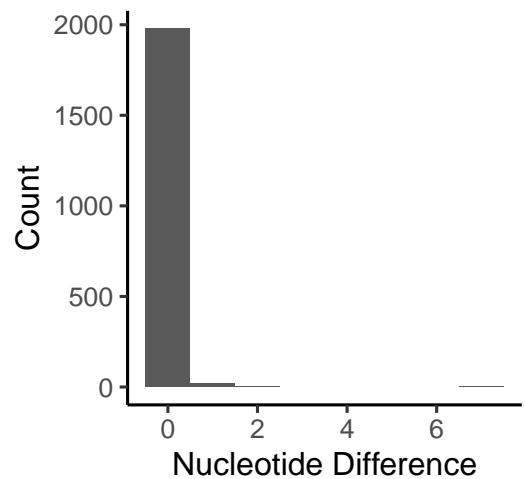
TRBV13*ap01

1228 sequences assigned
1197 (97.5%) exact matches, in which:
1155 unique CDR3
13 unique J



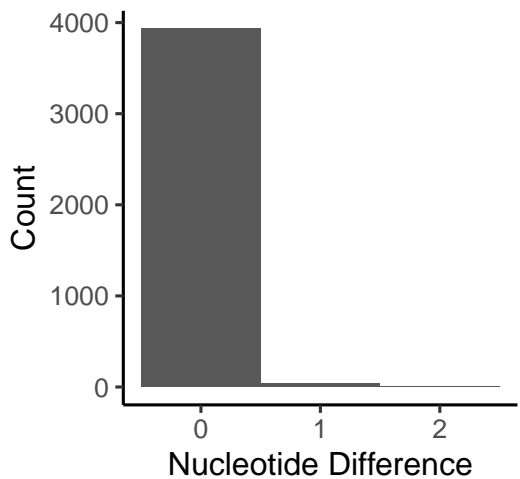
TRBV10-1*ap01

1997 sequences assigned
1978 (99%) exact matches, in which:
1934 unique CDR3
13 unique J



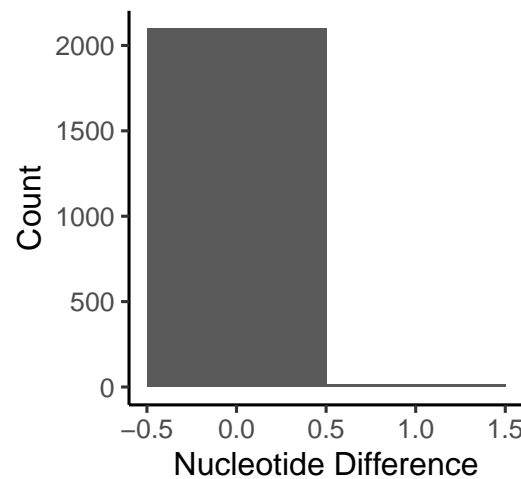
TRBV10-3*ap01

3974 sequences assigned
3933 (99%) exact matches, in which:
3857 unique CDR3
13 unique J



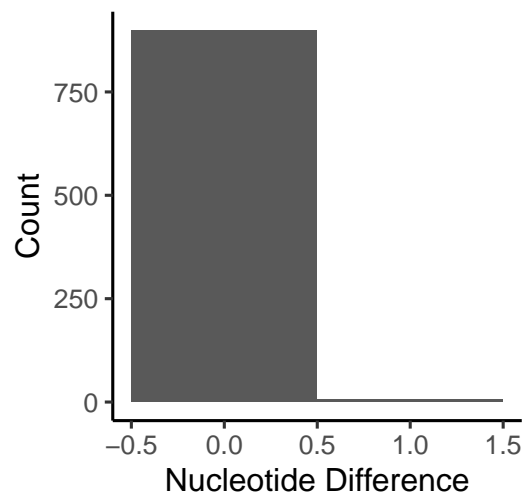
TRBV14*ap01

2110 sequences assigned
2098 (99.4%) exact matches, in which:
2073 unique CDR3
13 unique J



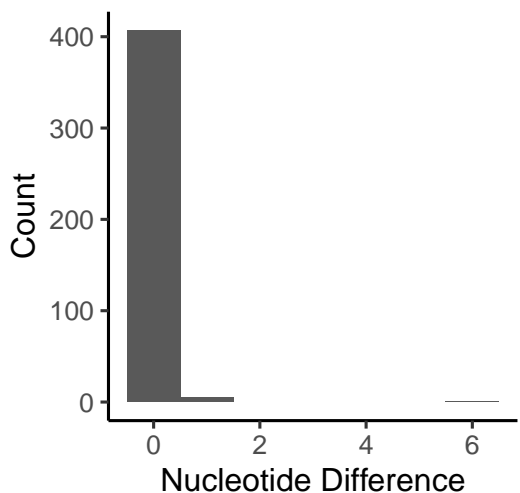
TRBV20-1*ap02

904 sequences assigned
899 (99.4%) exact matches, in which:
884 unique CDR3
13 unique J



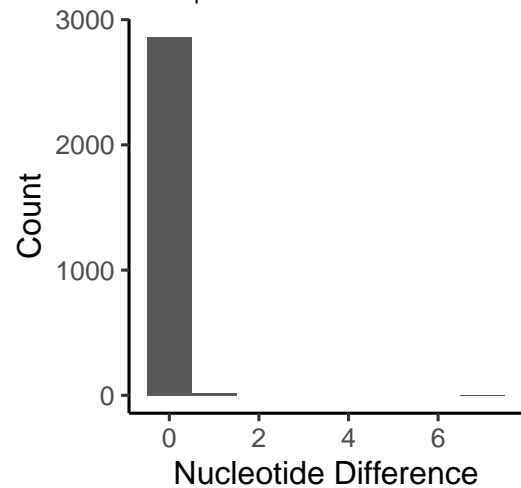
TRBV1*ap01

413 sequences assigned
407 (98.5%) exact matches, in which:
394 unique CDR3
13 unique J



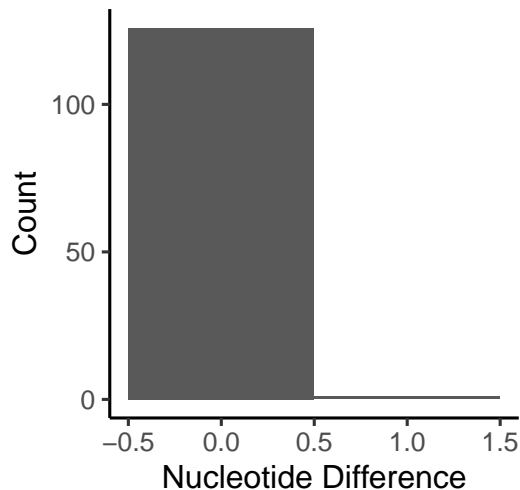
TRBV15*ap02

2883 sequences assigned
2861 (99.2%) exact matches, in which:
2803 unique CDR3
13 unique J



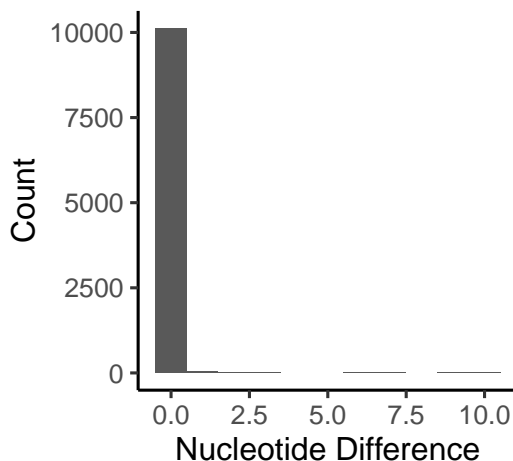
TRBV16*ap01

127 sequences assigned
126 (99.2%) exact matches, in which:
125 unique CDR3
13 unique J



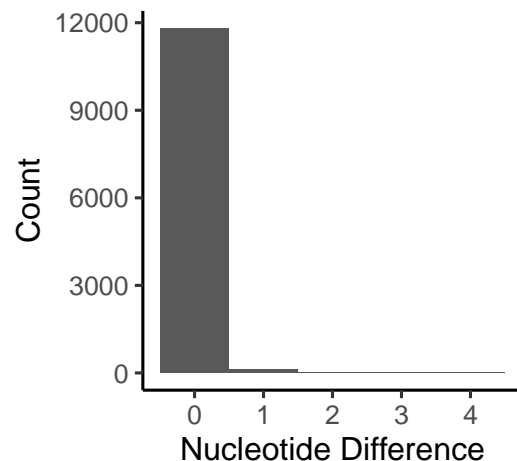
TRBV19*ap01

10190 sequences assigned
10126 (99.4%) exact matches, in which:
10058 unique CDR3
13 unique J



TRBV28*ap01

11928 sequences assigned
11814 (99%) exact matches, in which:
11671 unique CDR3
13 unique J



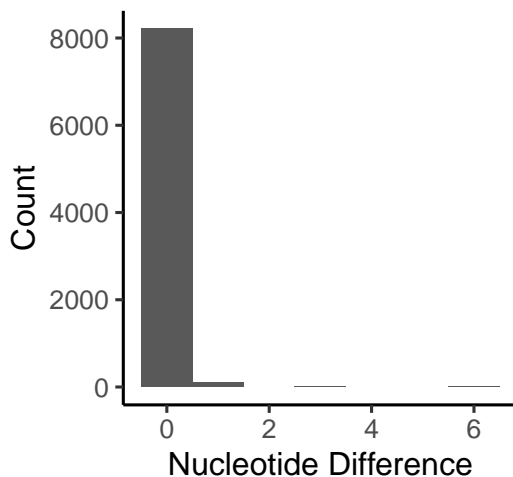
TRBV17*ap01

1 sequences assigned
No exact matches.



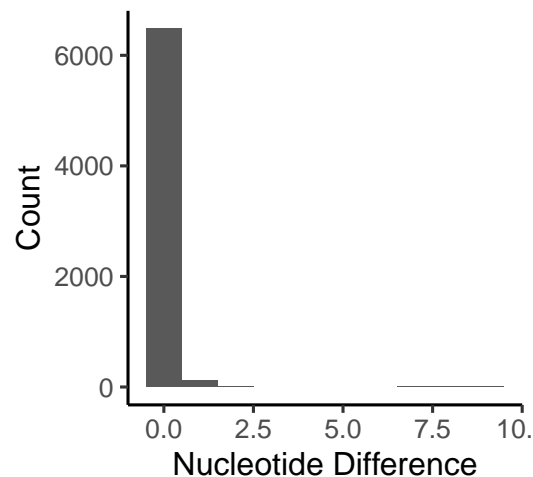
TRBV2*ap01

8314 sequences assigned
8213 (98.8%) exact matches, in which:
8032 unique CDR3
13 unique J



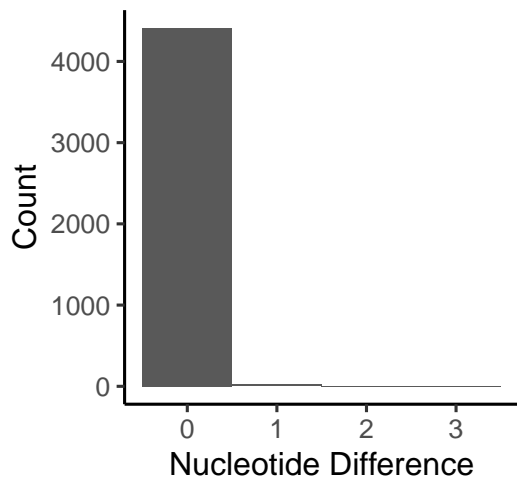
TRBV30*ap01

6604 sequences assigned
6481 (98.1%) exact matches, in which:
6326 unique CDR3
13 unique J



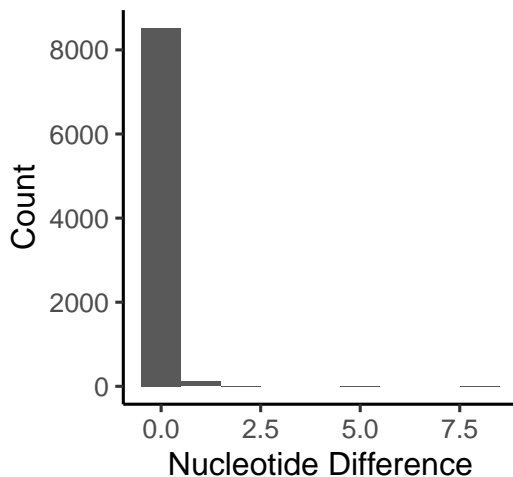
TRBV18*ap01

4435 sequences assigned
4411 (99.5%) exact matches, in which:
4367 unique CDR3
13 unique J



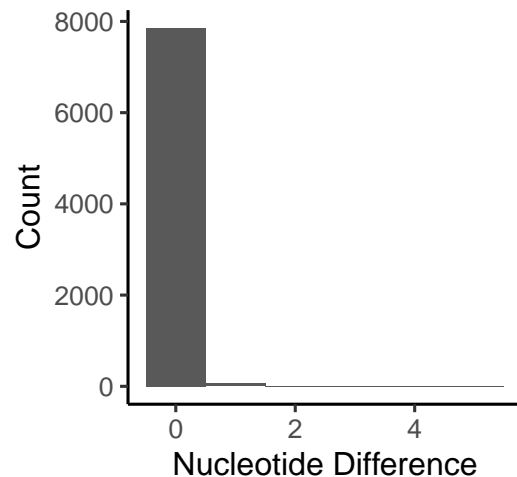
TRBV27*ap01

8648 sequences assigned
8519 (98.5%) exact matches, in which:
8330 unique CDR3
13 unique J



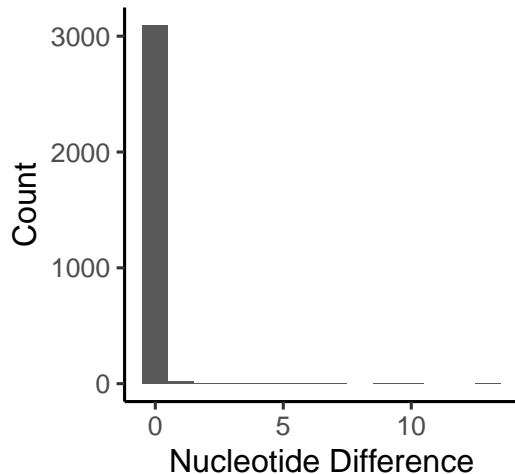
TRBV9*ap01

7921 sequences assigned
7855 (99.2%) exact matches, in which:
7746 unique CDR3
13 unique J



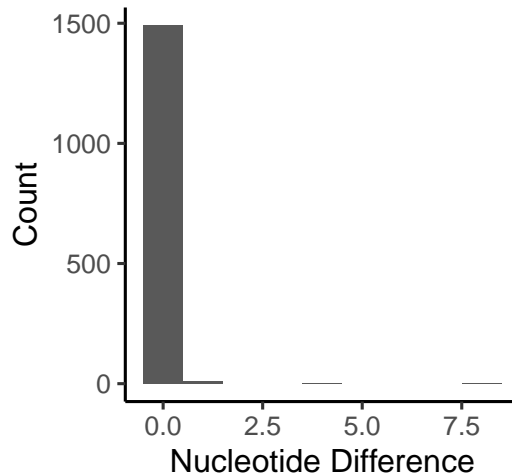
TRBV21-1*ap01

3138 sequences assigned
3093 (98.6%) exact matches, in which:
3073 unique CDR3
13 unique J



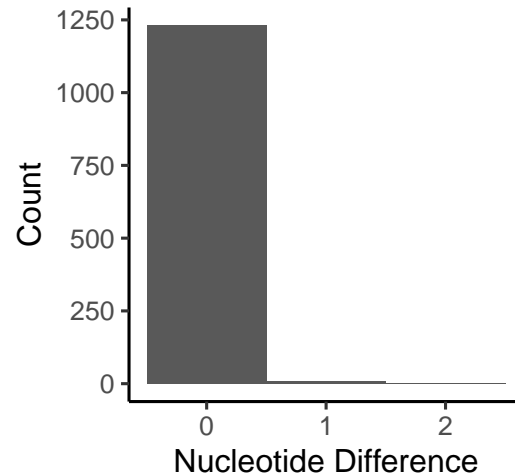
TRBV11-3*ap01

1503 sequences assigned
1491 (99.2%) exact matches, in which:
1479 unique CDR3
13 unique J



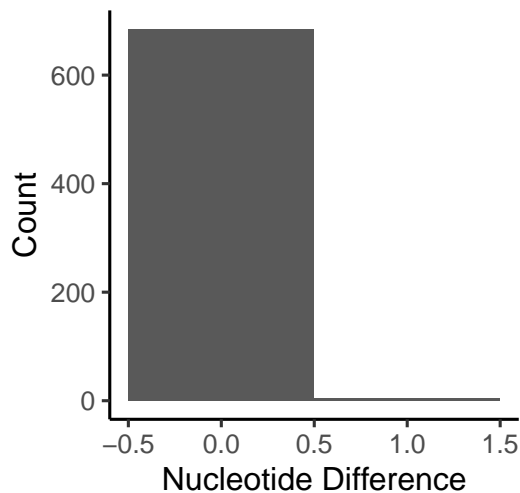
TRBV12-5*ap01

1241 sequences assigned
1231 (99.2%) exact matches, in which:
1211 unique CDR3
13 unique J



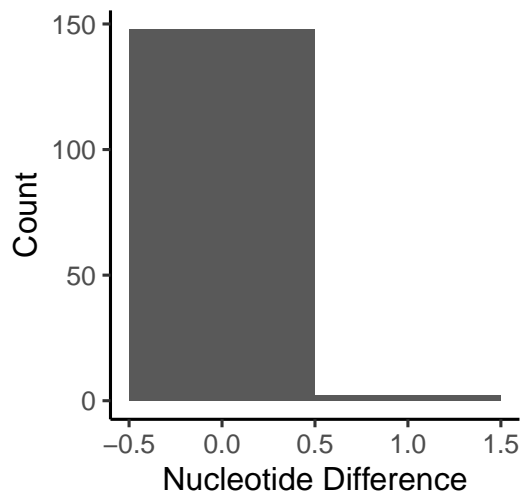
TRBV11-1*ap01

690 sequences assigned
685 (99.3%) exact matches, in which:
678 unique CDR3
13 unique J



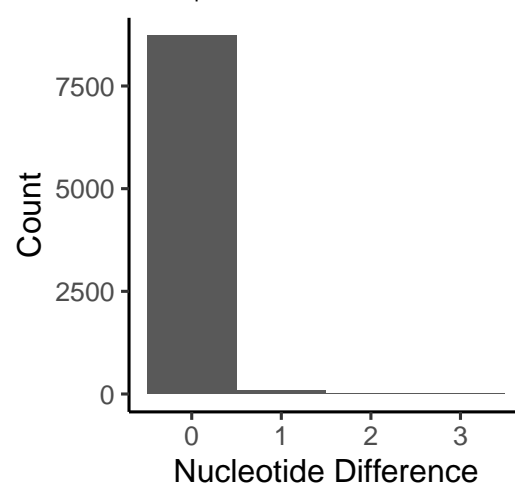
TRBV12-1*ap01

150 sequences assigned
148 (98.7%) exact matches, in which:
146 unique CDR3
13 unique J



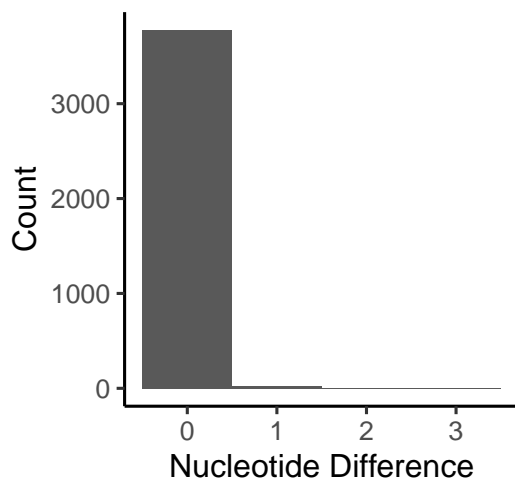
TRBV12-34*ap01

8818 sequences assigned
8724 (98.9%) exact matches, in which:
8573 unique CDR3
13 unique J



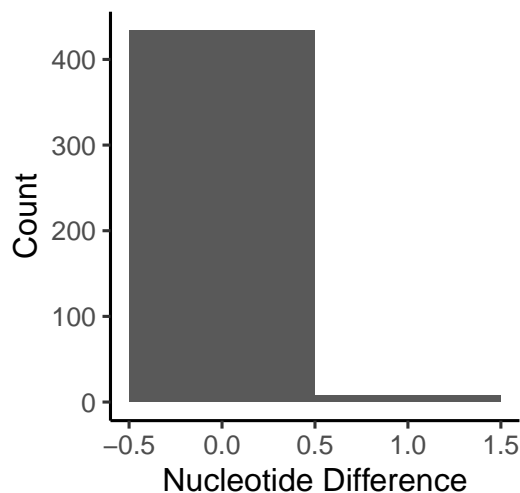
TRBV11-2*ap01

3807 sequences assigned
3776 (99.2%) exact matches, in which:
3745 unique CDR3
13 unique J



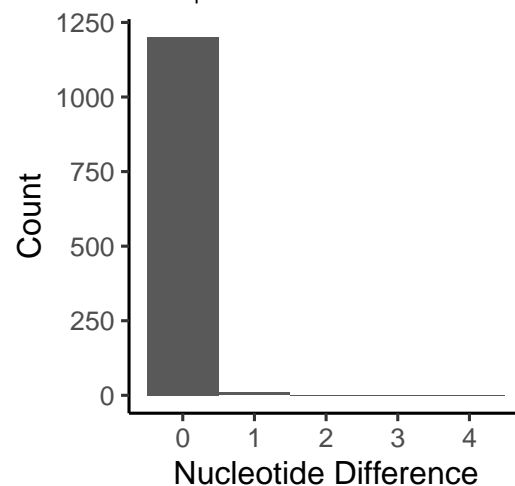
TRBV12-2*ap01

442 sequences assigned
434 (98.2%) exact matches, in which:
428 unique CDR3
13 unique J



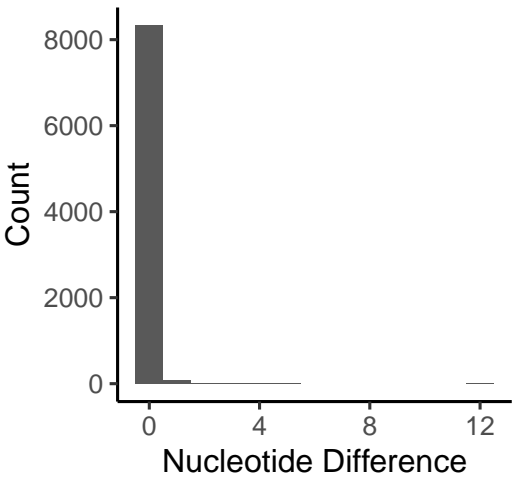
TRBV23-1*ap01

1214 sequences assigned
1201 (98.9%) exact matches, in which:
1183 unique CDR3
13 unique J



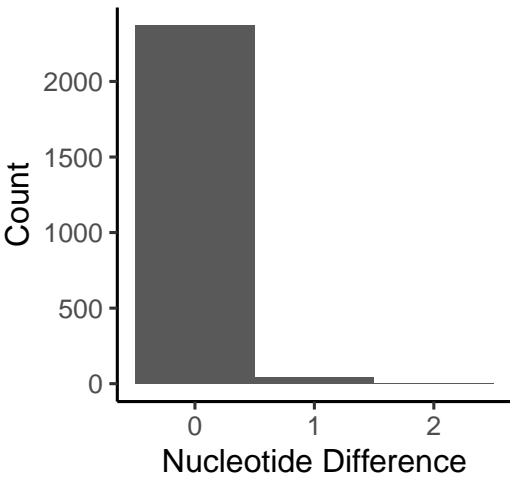
TRBV3-12*ap01

8424 sequences assigned
8331 (98.9%) exact matches, in which:
8163 unique CDR3
13 unique J



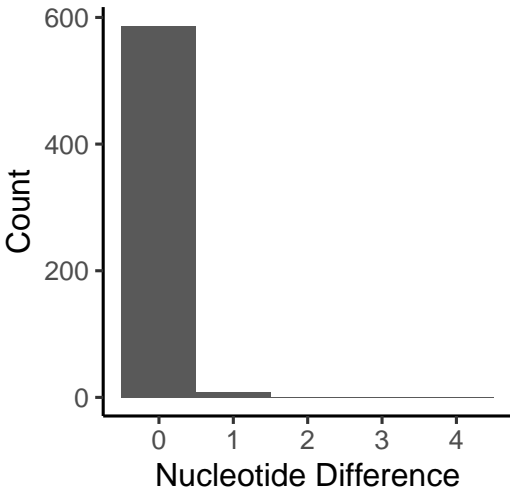
TRBV4-2*ap01

2414 sequences assigned
2371 (98.2%) exact matches, in which:
2322 unique CDR3
13 unique J



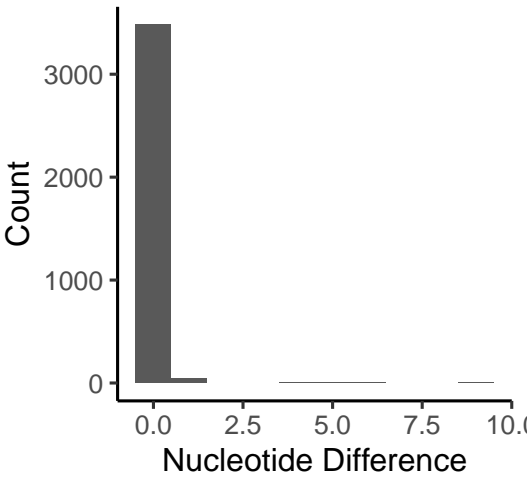
TRBV5-3*ap01

598 sequences assigned
587 (98.2%) exact matches, in which:
572 unique CDR3
13 unique J



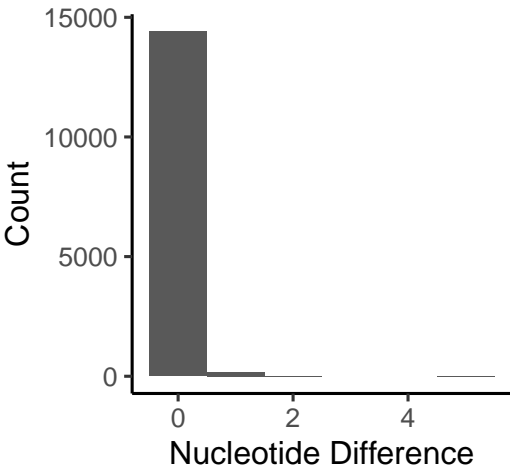
TRBV24-1*ap01

3528 sequences assigned
3481 (98.7%) exact matches, in which:
3406 unique CDR3
13 unique J



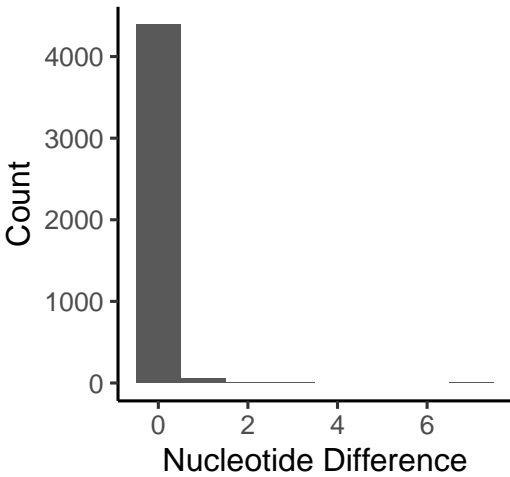
TRBV5-1*ap01

14588 sequences assigned
14408 (98.8%) exact matches, in which:
14007 unique CDR3
13 unique J



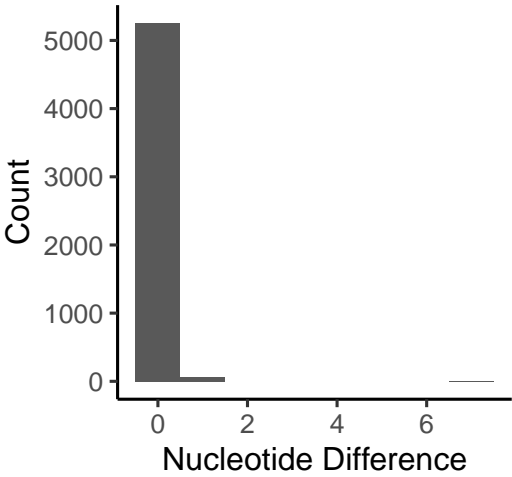
TRBV5-4*ap01

4447 sequences assigned
4390 (98.7%) exact matches, in which:
4301 unique CDR3
13 unique J



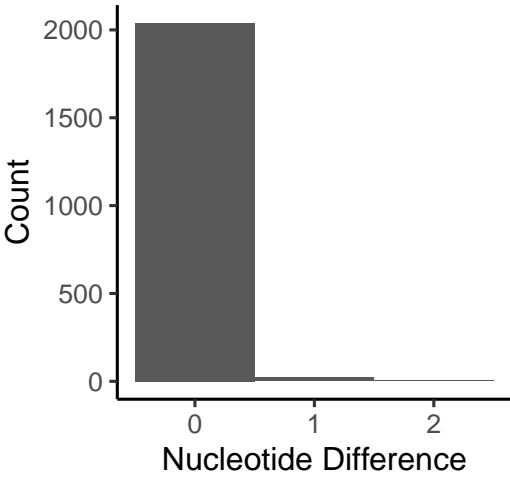
TRBV4-1*ap01

5320 sequences assigned
5255 (98.8%) exact matches, in which:
5113 unique CDR3
13 unique J



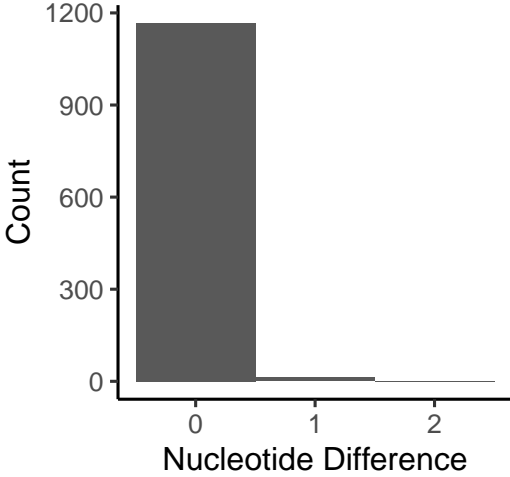
TRBV25-1*ap01

2065 sequences assigned
2039 (98.7%) exact matches, in which:
1997 unique CDR3
13 unique J



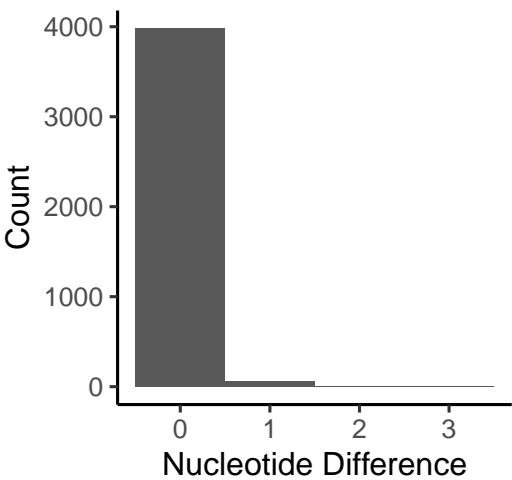
TRBV5-5*ap01

1181 sequences assigned
1167 (98.8%) exact matches, in which:
1159 unique CDR3
13 unique J



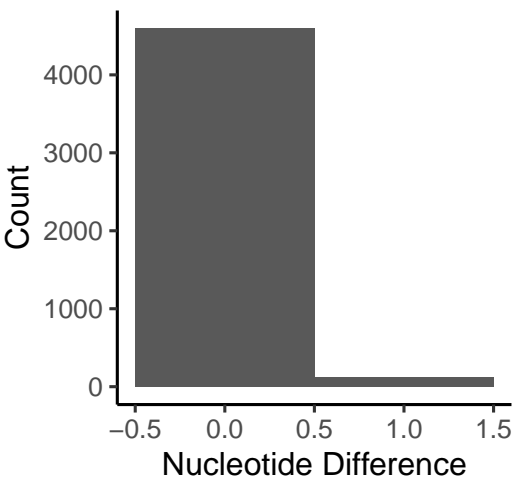
TRBV5-6*ap01

4040 sequences assigned
3981 (98.5%) exact matches, in which:
3833 unique CDR3
13 unique J



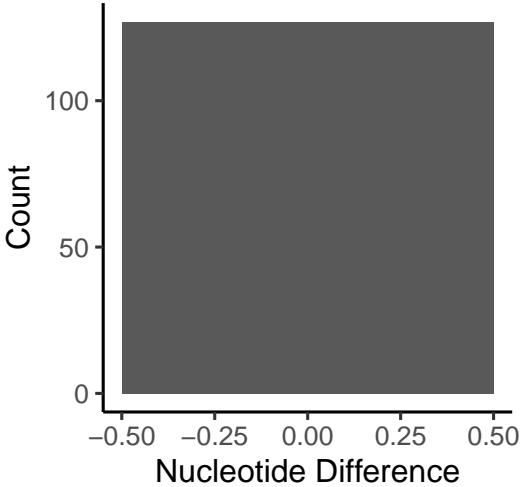
TRBV6-1*ap01

4718 sequences assigned
4596 (97.4%) exact matches, in which:
4485 unique CDR3
13 unique J



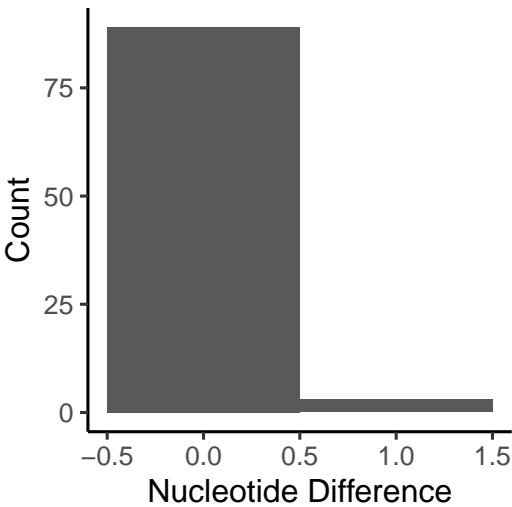
TRBV6-8*ap01

127 sequences assigned
127 (100%) exact matches, in which:
122 unique CDR3
13 unique J



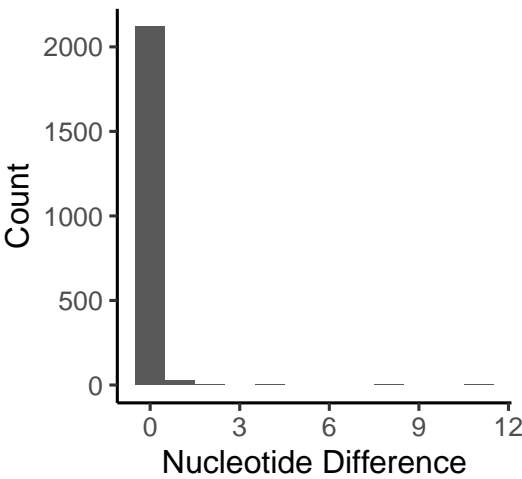
TRBV5-7*ap01

92 sequences assigned
89 (96.7%) exact matches, in which:
87 unique CDR3
13 unique J



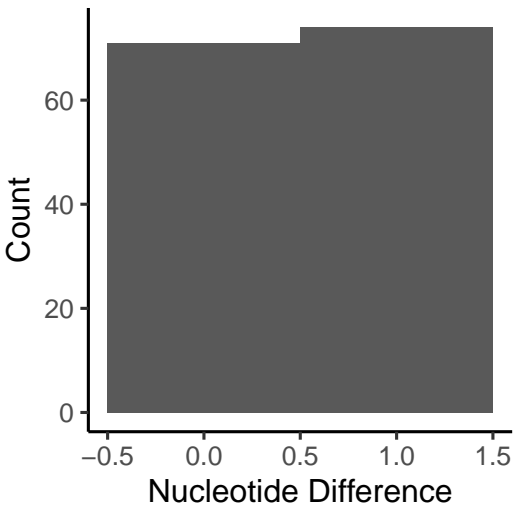
TRBV6-4*ap01

2157 sequences assigned
2119 (98.2%) exact matches, in which:
2094 unique CDR3
13 unique J



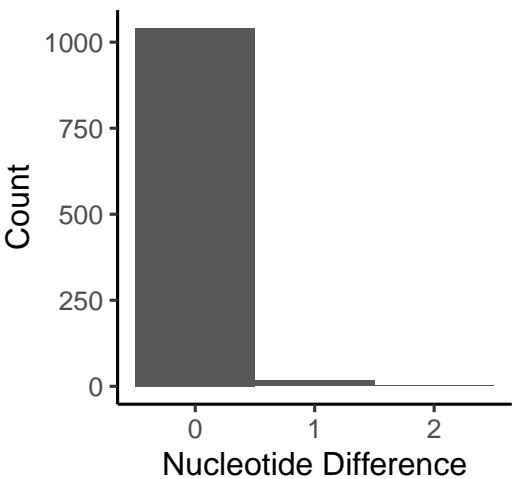
TRBV6-9*ap01

145 sequences assigned
71 (49%) exact matches, in which:
69 unique CDR3
11 unique J



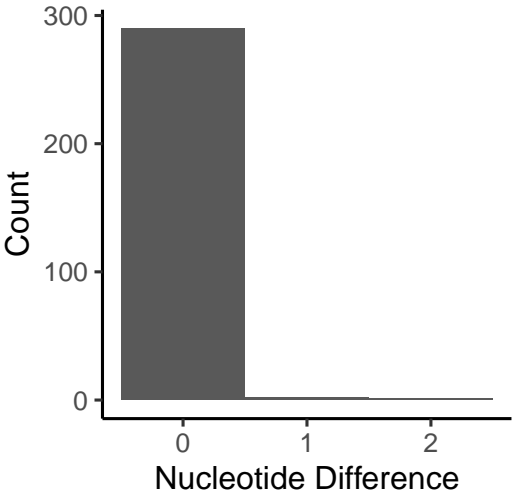
TRBV5-8*ap01

1060 sequences assigned
1041 (98.2%) exact matches, in which:
1030 unique CDR3
13 unique J



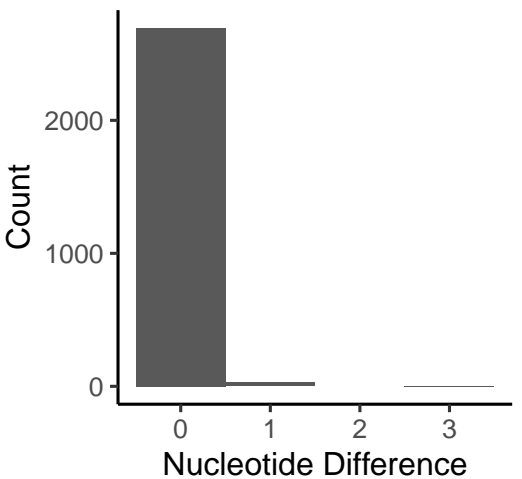
TRBV6-7*ap01

293 sequences assigned
290 (99%) exact matches, in which:
285 unique CDR3
13 unique J



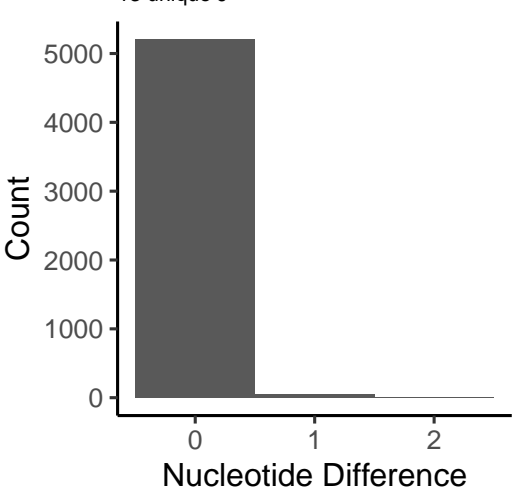
TRBV6-23*ap01

2723 sequences assigned
2694 (98.9%) exact matches, in which:
2603 unique CDR3
13 unique J



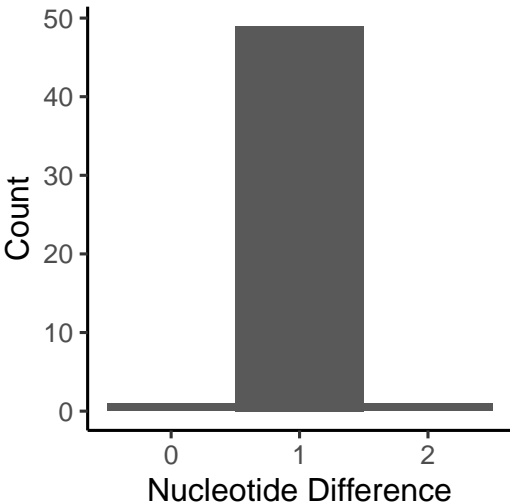
TRBV6-56*ap01

5255 sequences assigned
5205 (99%) exact matches, in which:
5051 unique CDR3
13 unique J



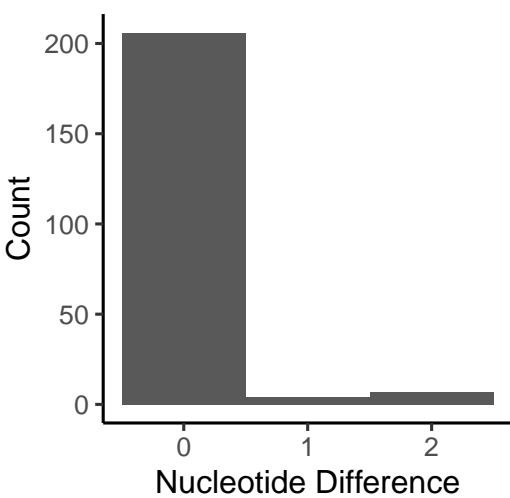
TRBV7-1*ap01_T296C_C

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



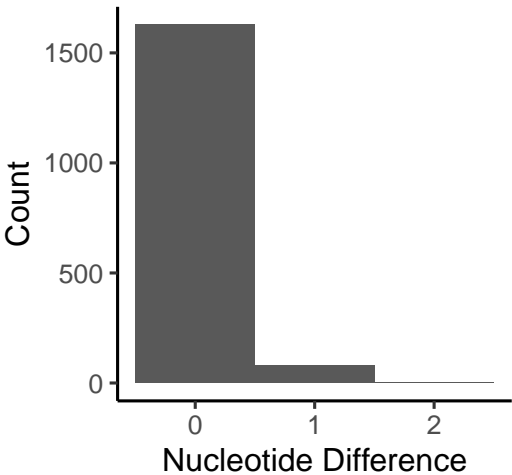
TRBV7-4*ap01

217 sequences assigned
206 (94.9%) exact matches, in which:
204 unique CDR3
13 unique J



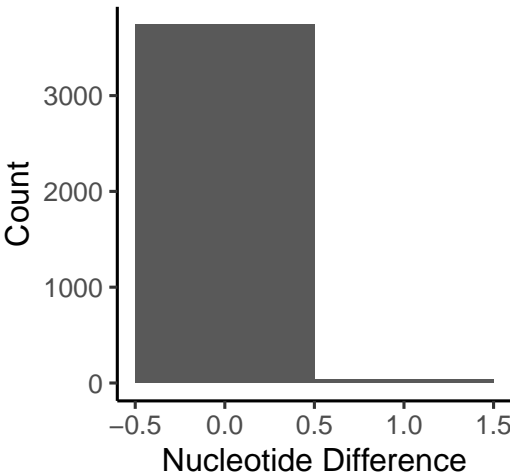
TRBV6-56*ap02

1708 sequences assigned
1628 (95.3%) exact matches, in which:
1586 unique CDR3
13 unique J



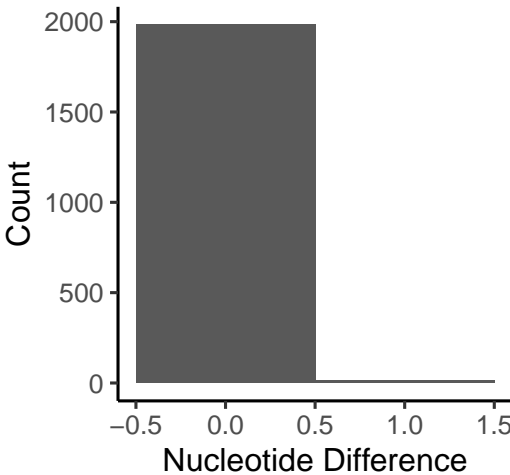
TRBV7-2*ap01

3775 sequences assigned
3740 (99.1%) exact matches, in which:
3695 unique CDR3
13 unique J



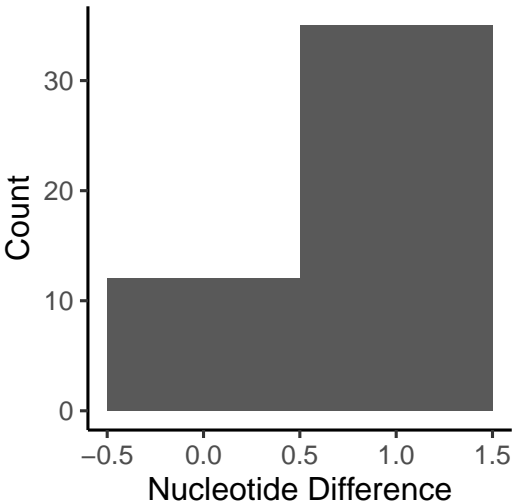
TRBV7-6*ap01

1998 sequences assigned
1983 (99.2%) exact matches, in which:
1951 unique CDR3
13 unique J



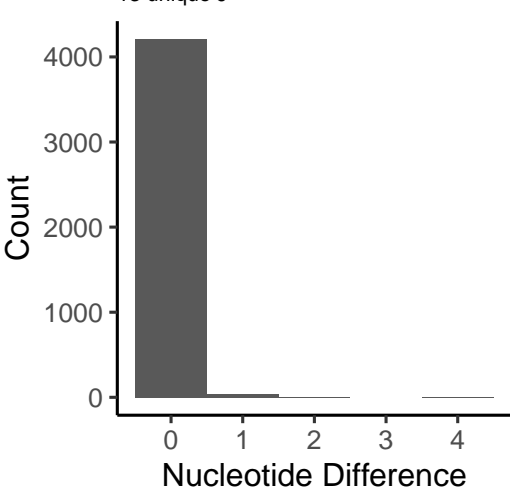
TRBV7-1*ap01_T296C

47 sequences assigned
12 (25.5%) exact matches, in which:
12 unique CDR3
9 unique J



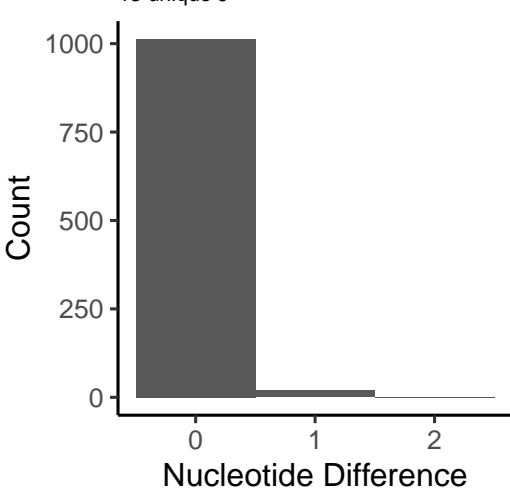
TRBV7-3*ap01

4253 sequences assigned
4210 (99%) exact matches, in which:
4165 unique CDR3
13 unique J



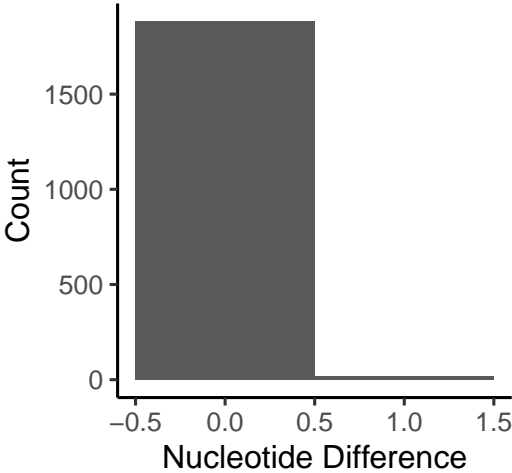
TRBV7-7*ap01

1033 sequences assigned
1013 (98.1%) exact matches, in which:
1003 unique CDR3
13 unique J



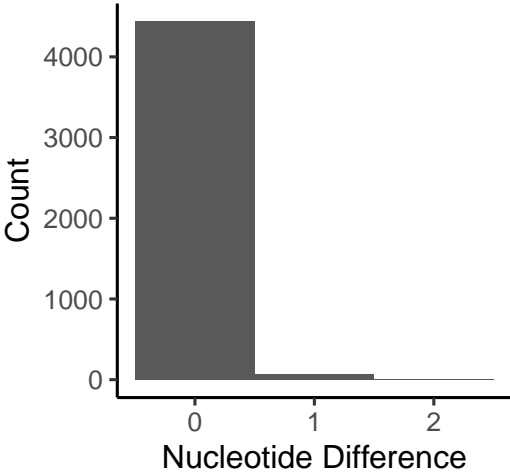
TRBV7-8*ap01

1898 sequences assigned
1882 (99.2%) exact matches, in which:
1853 unique CDR3
13 unique J



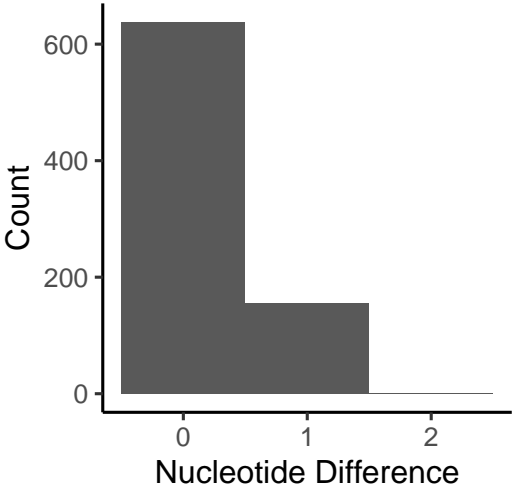
TRBV29-1*ap01

4508 sequences assigned
4439 (98.5%) exact matches, in which:
4325 unique CDR3
13 unique J



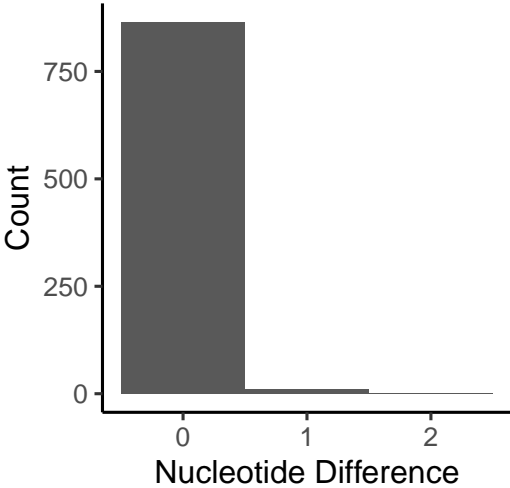
TRBV7-8*ap03

794 sequences assigned
638 (80.4%) exact matches, in which:
626 unique CDR3
13 unique J



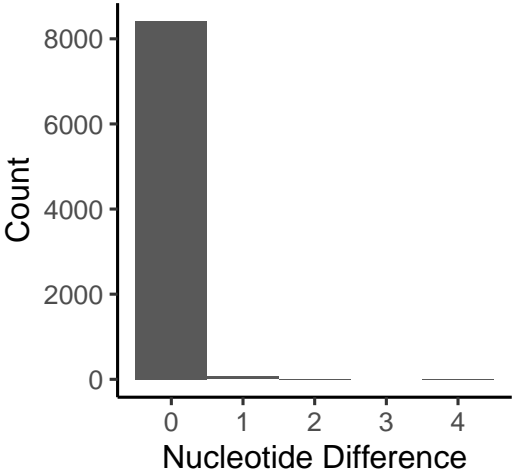
TRBV29-1*ap02

877 sequences assigned
865 (98.6%) exact matches, in which:
839 unique CDR3
13 unique J

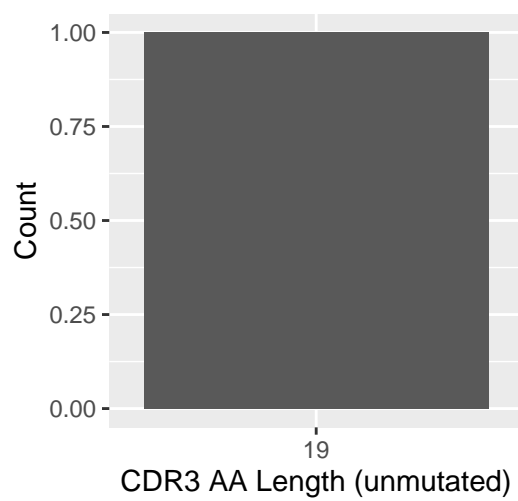


TRBV7-9*ap01

8482 sequences assigned
8417 (99.2%) exact matches, in which:
8284 unique CDR3
13 unique J



TRBV7-1*ap01_T296C_C314T



TRBV7-1*ap01_T296C

