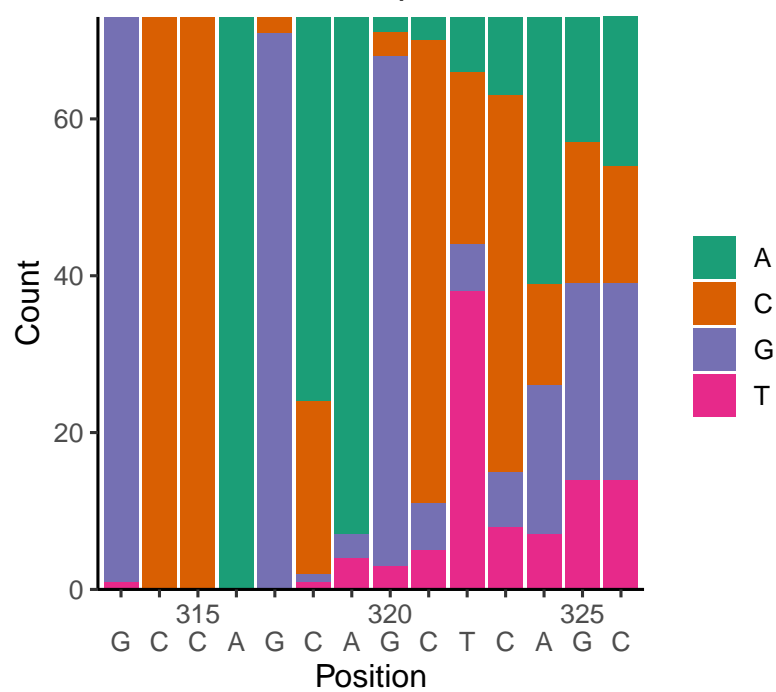
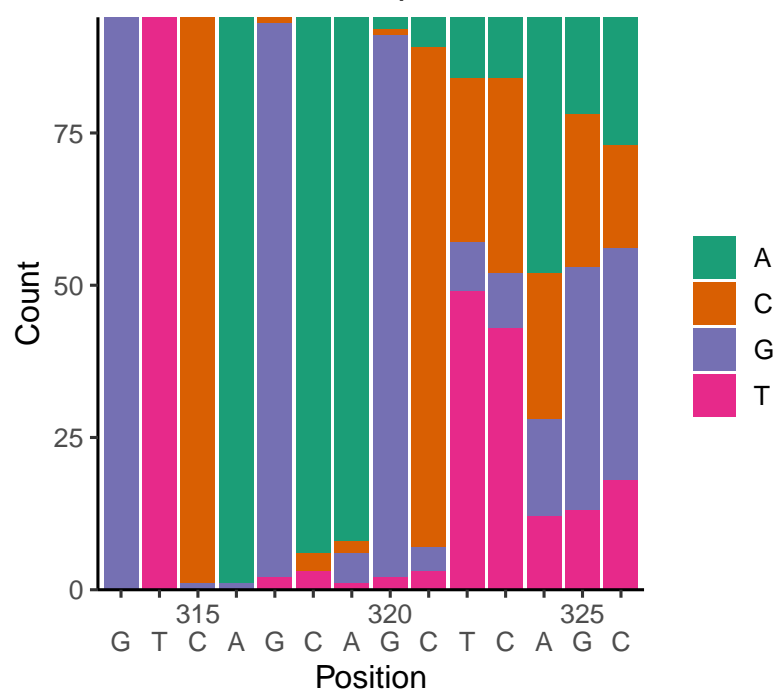


Gene TRBV7-1*ap01_T296C



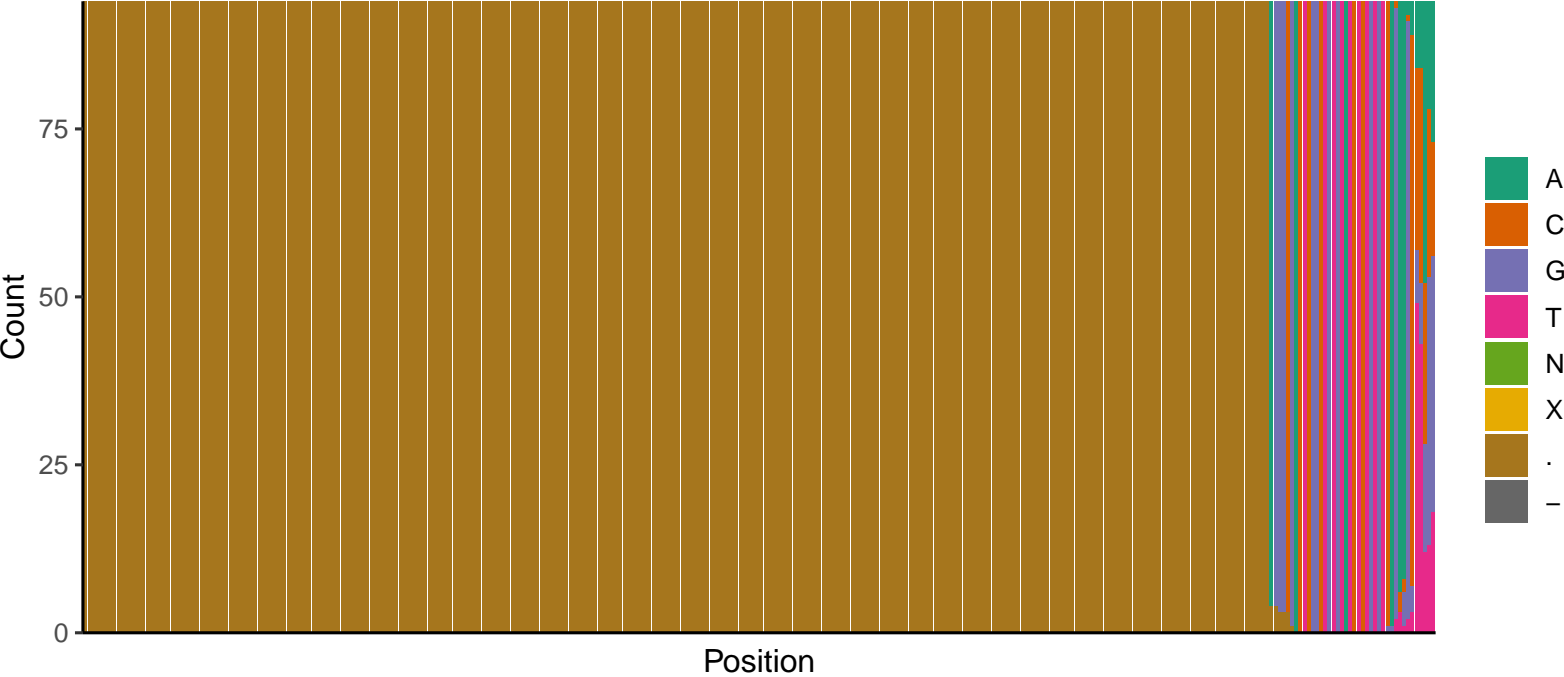
Gene TRBV7-1*ap01_T296C_C314T



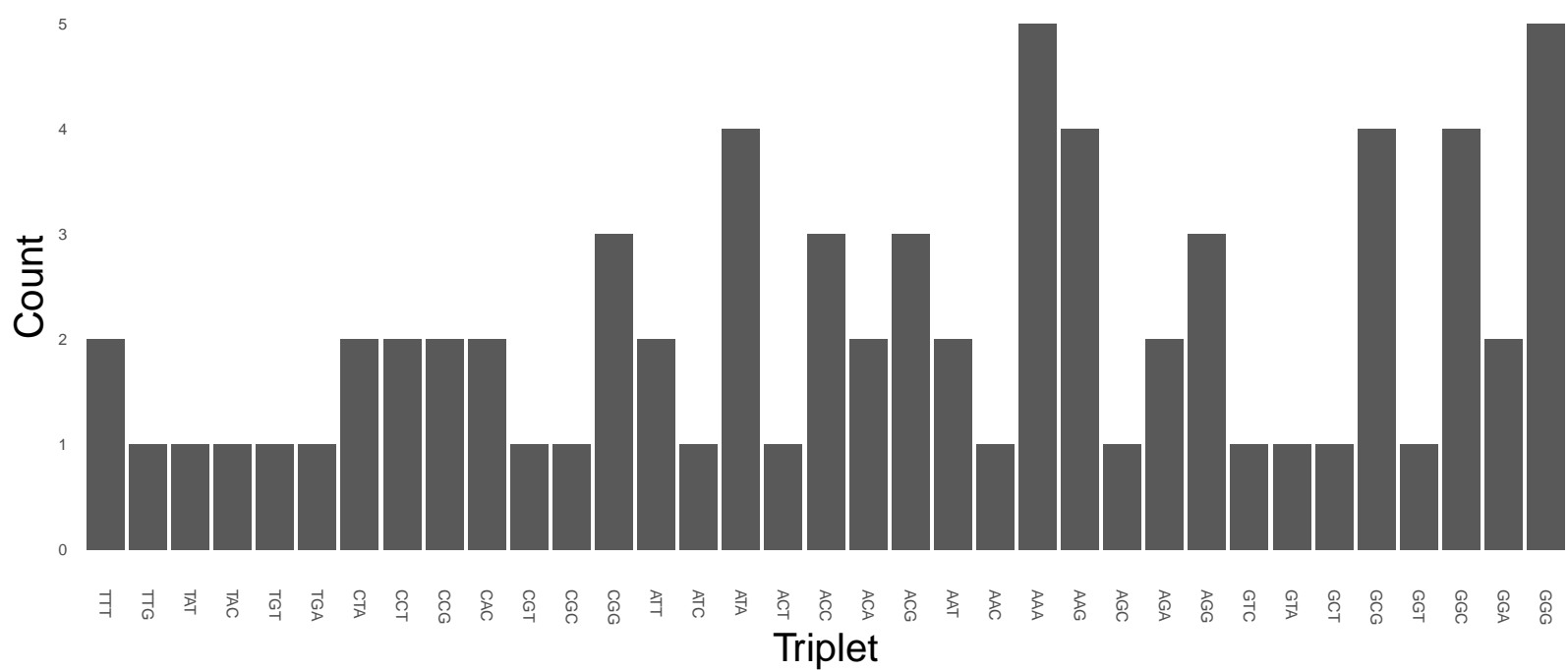
Gene TRBV7-1*ap01_T296C



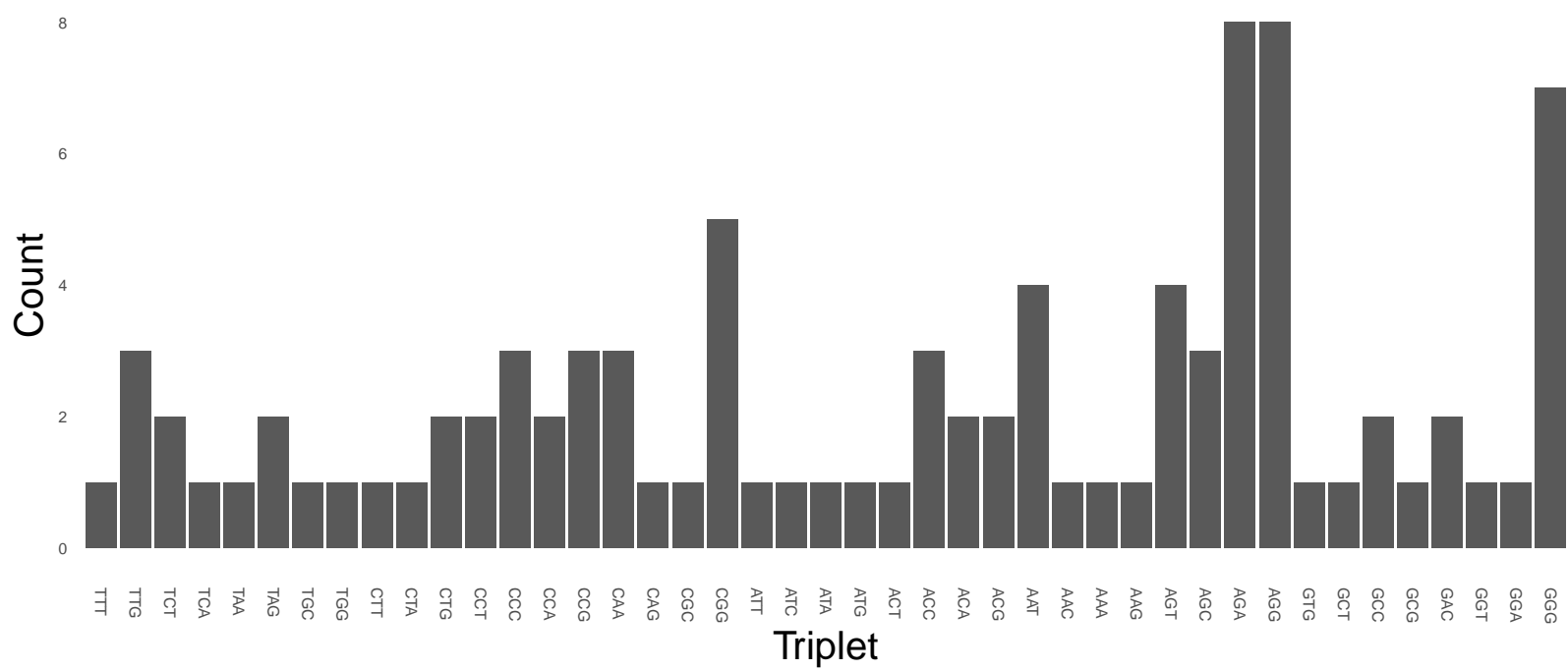
Gene TRBV7-1*ap01_T296C_C314T



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

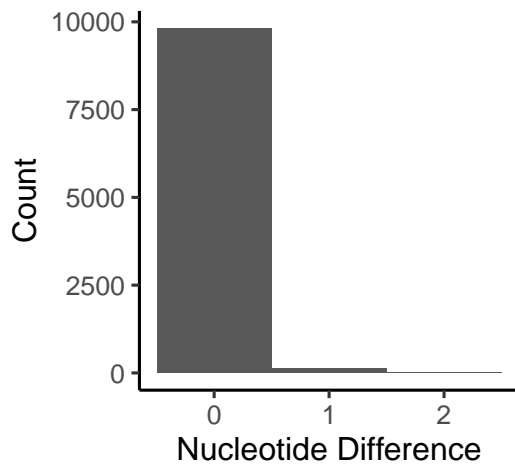


TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet



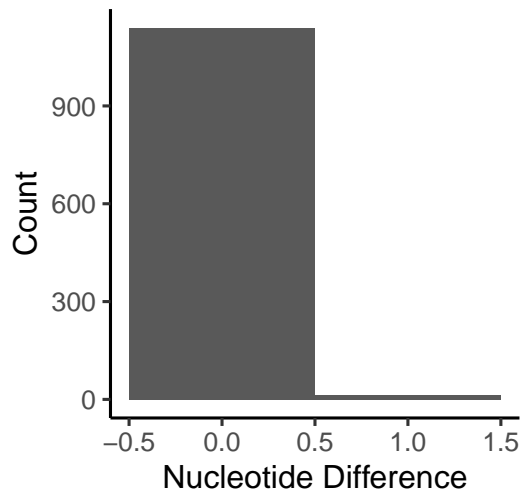
TRBV20-1*ap01

9946 sequences assigned
9820 (98.7%) exact matches, in which:
9646 unique CDR3
13 unique J



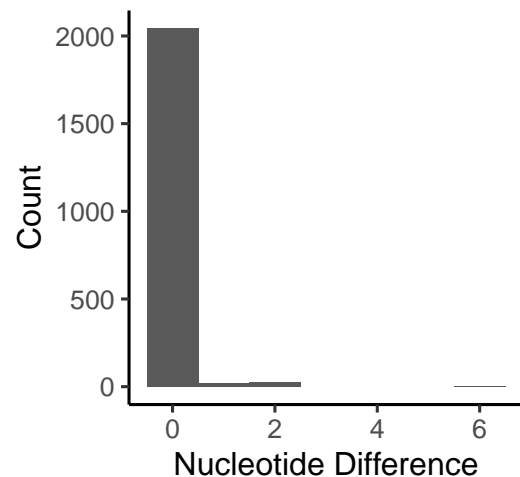
TRBV10-2*ap01

1153 sequences assigned
1140 (98.9%) exact matches, in which:
1099 unique CDR3
13 unique J



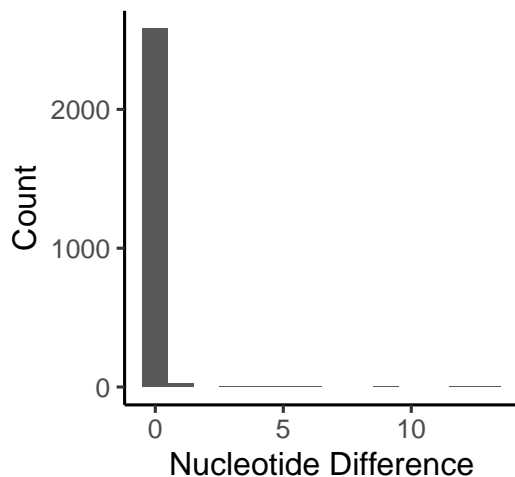
TRBV13*ap01

2093 sequences assigned
2043 (97.6%) exact matches, in which:
1974 unique CDR3
13 unique J



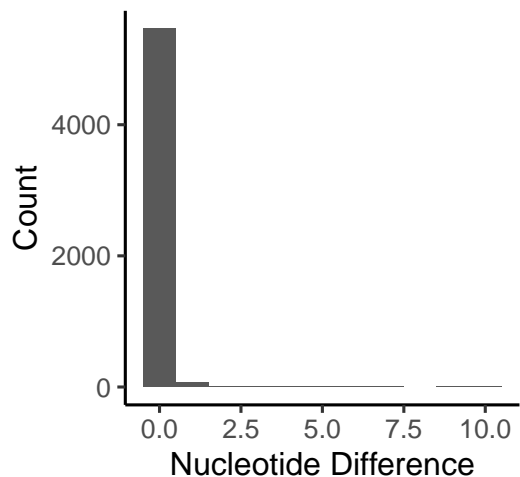
TRBV10-1*ap01

2618 sequences assigned
2581 (98.6%) exact matches, in which:
2491 unique CDR3
13 unique J



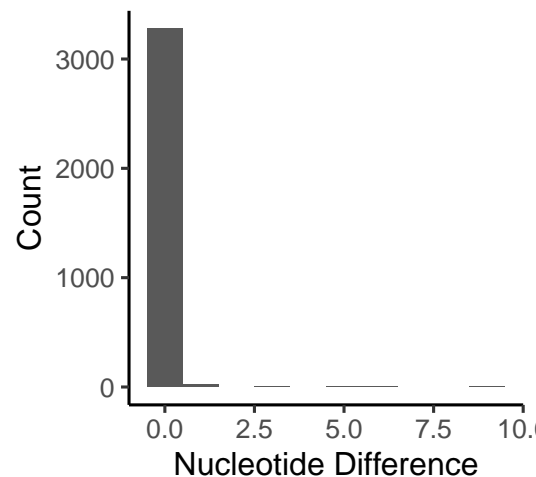
TRBV10-3*ap01

5542 sequences assigned
5464 (98.6%) exact matches, in which:
5340 unique CDR3
13 unique J



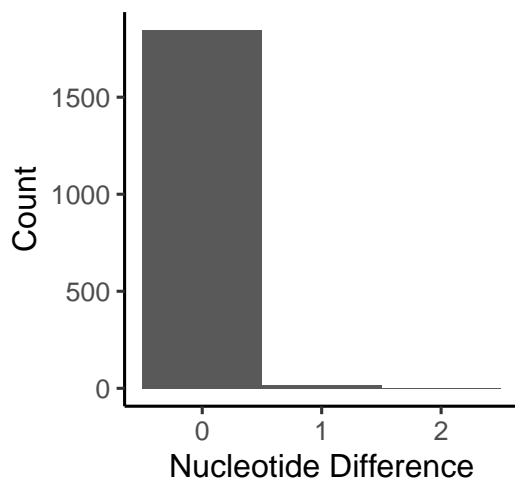
TRBV14*ap01

3307 sequences assigned
3277 (99.1%) exact matches, in which:
3222 unique CDR3
13 unique J



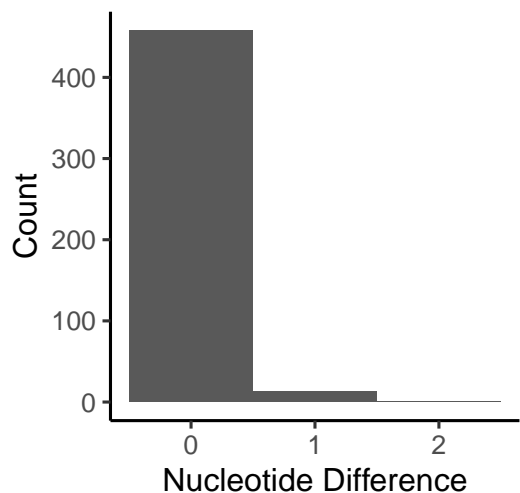
TRBV20-1*ap02

1865 sequences assigned
1846 (99%) exact matches, in which:
1807 unique CDR3
13 unique J



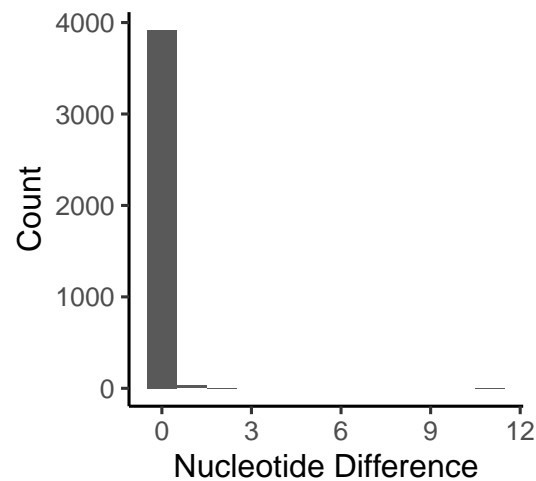
TRBV1*ap01

472 sequences assigned
458 (97%) exact matches, in which:
448 unique CDR3
13 unique J



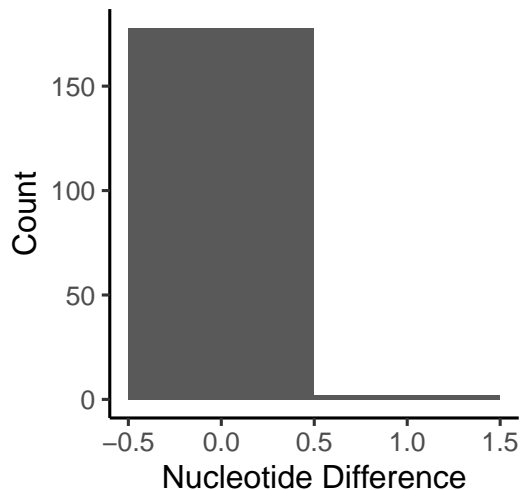
TRBV15*ap02

3951 sequences assigned
3918 (99.2%) exact matches, in which:
3823 unique CDR3
13 unique J



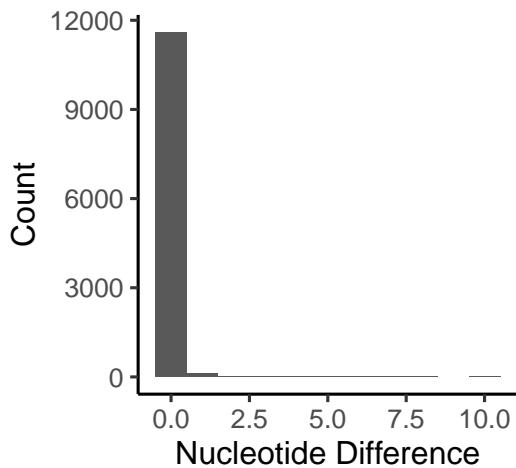
TRBV16*ap01

180 sequences assigned
178 (98.9%) exact matches, in which:
177 unique CDR3
13 unique J



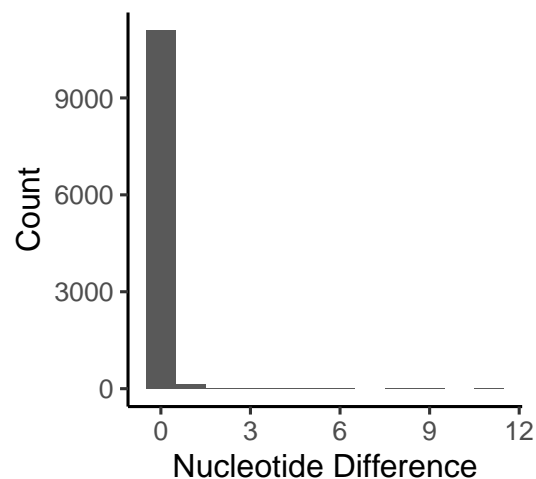
TRBV19*ap01

11724 sequences assigned
11600 (98.9%) exact matches, in which:
11479 unique CDR3
13 unique J



TRBV27*ap01

11250 sequences assigned
11090 (98.6%) exact matches, in which:
10798 unique CDR3
13 unique J



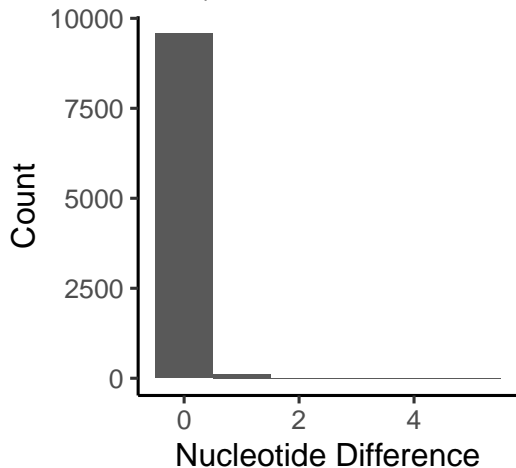
TRBV17*ap01

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



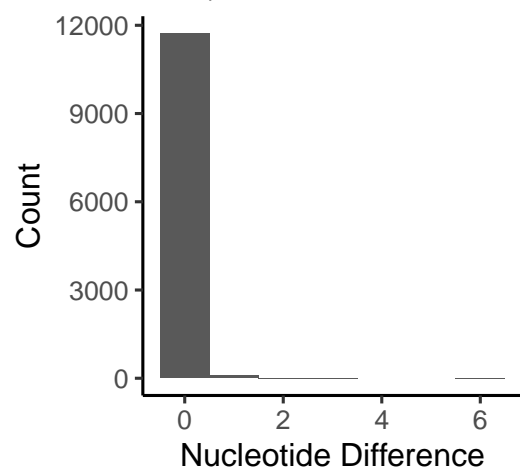
TRBV2*ap01

9704 sequences assigned
9579 (98.7%) exact matches, in which:
9344 unique CDR3
13 unique J



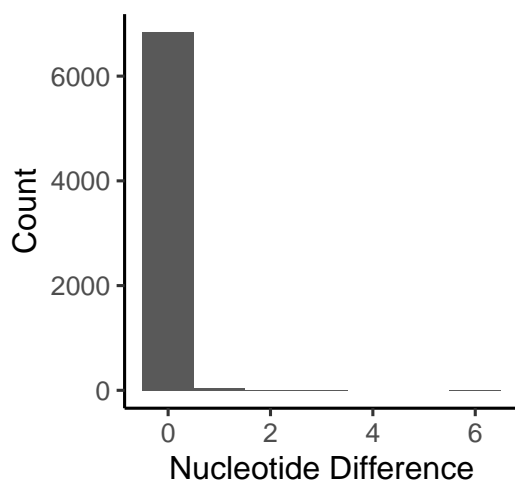
TRBV28*ap01

11827 sequences assigned
11722 (99.1%) exact matches, in which:
11511 unique CDR3
13 unique J



TRBV18*ap01

6889 sequences assigned
6842 (99.3%) exact matches, in which:
6788 unique CDR3
13 unique J



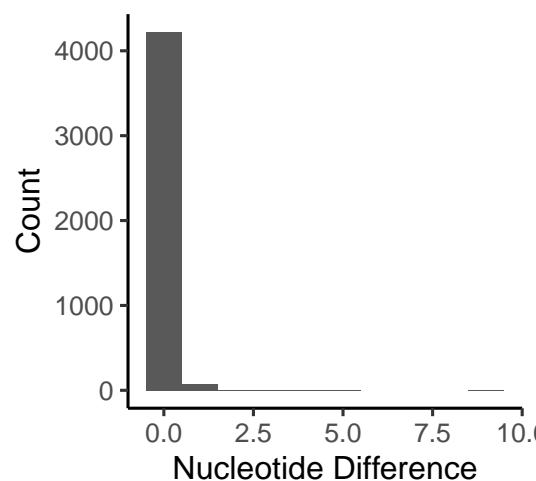
TRBV26*ap01

1 sequences assigned
No exact matches.



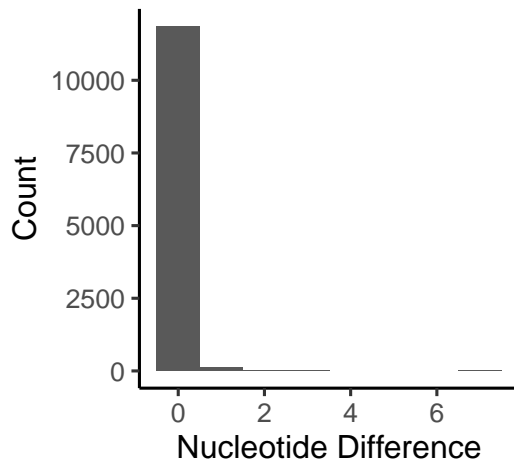
TRBV30*ap02

4307 sequences assigned
4221 (98%) exact matches, in which:
4154 unique CDR3
13 unique J



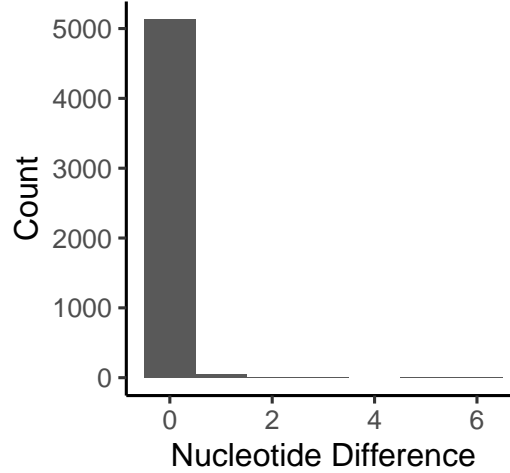
TRBV9*ap01

11986 sequences assigned
11863 (99%) exact matches, in which:
11628 unique CDR3
13 unique J



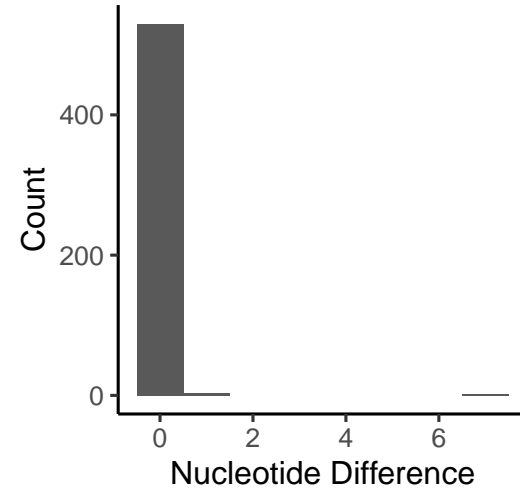
TRBV11-2*ap01

5186 sequences assigned
5131 (98.9%) exact matches, in which:
5064 unique CDR3
13 unique J



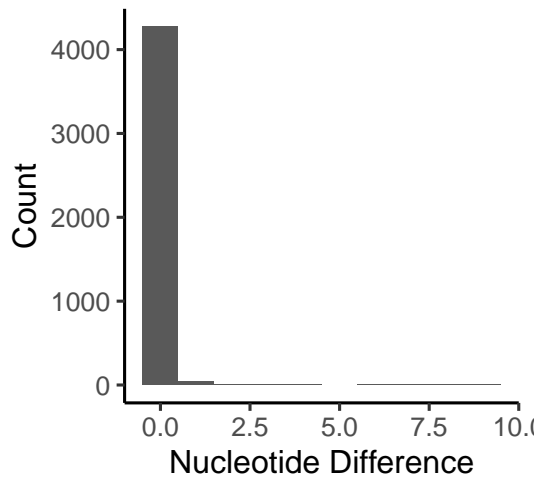
TRBV12-2*ap01

536 sequences assigned
530 (98.9%) exact matches, in which:
523 unique CDR3
13 unique J



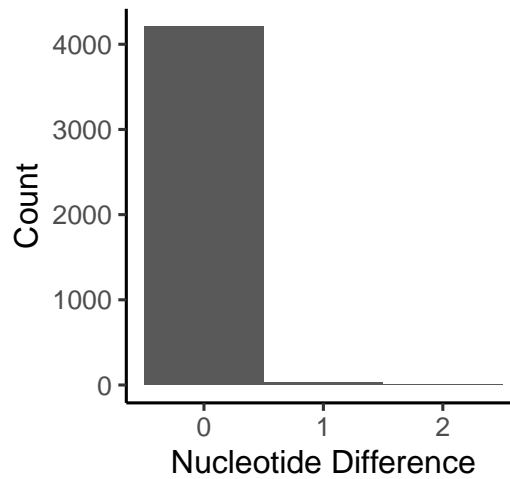
TRBV21-1*ap01

4335 sequences assigned
4273 (98.6%) exact matches, in which:
4236 unique CDR3
13 unique J



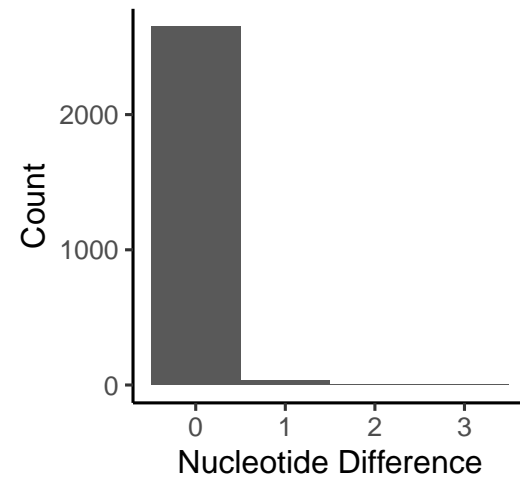
TRBV11-3*ap01

4241 sequences assigned
4206 (99.2%) exact matches, in which:
4153 unique CDR3
13 unique J



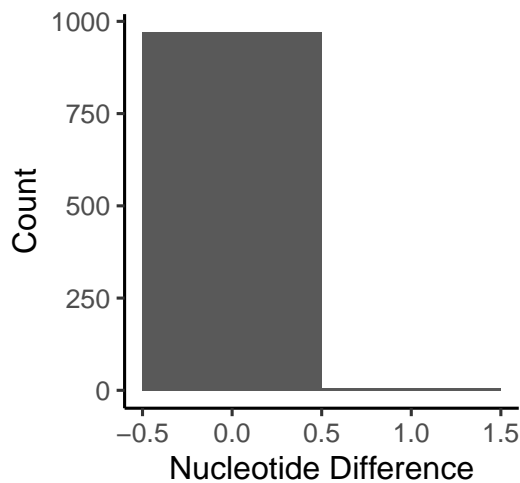
TRBV12-5*ap01

2688 sequences assigned
2650 (98.6%) exact matches, in which:
2618 unique CDR3
13 unique J



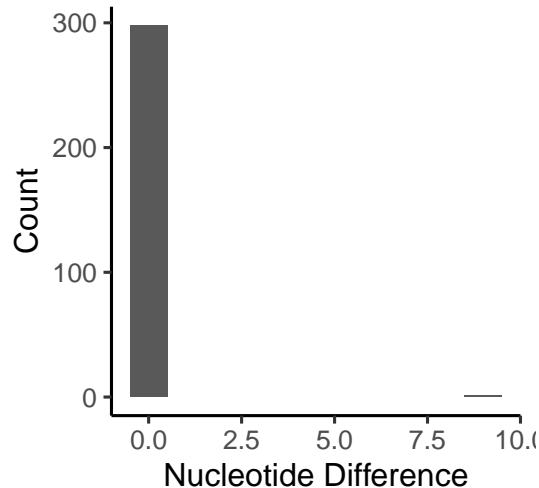
TRBV11-1*ap01

977 sequences assigned
971 (99.4%) exact matches, in which:
963 unique CDR3
13 unique J



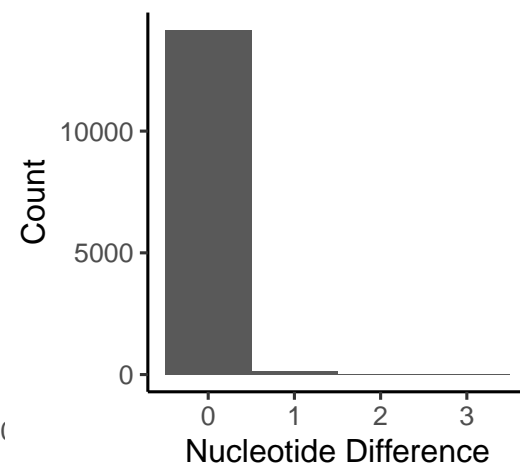
TRBV12-1*ap01

299 sequences assigned
298 (99.7%) exact matches, in which:
290 unique CDR3
13 unique J



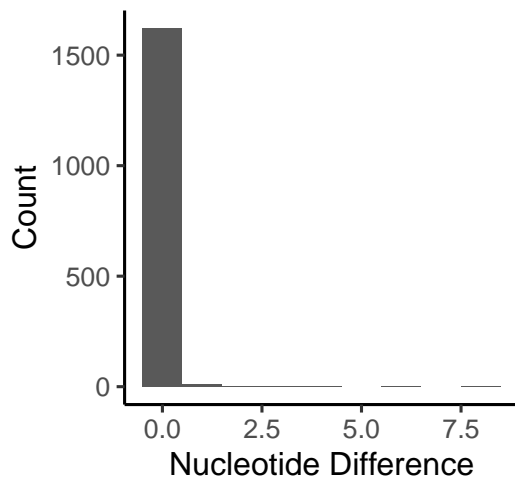
TRBV12-34*ap01

14309 sequences assigned
14161 (99%) exact matches, in which:
13891 unique CDR3
13 unique J



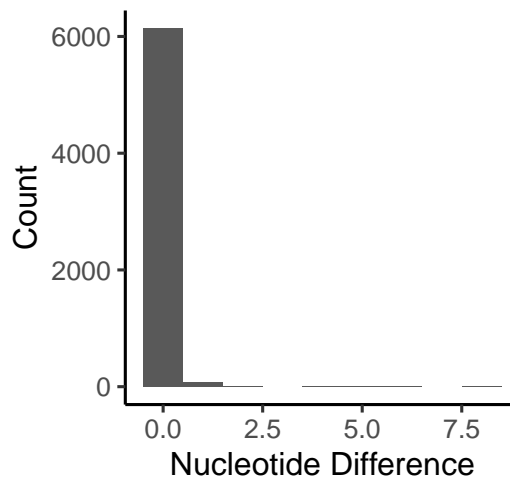
TRBV23-1*ap01

1640 sequences assigned
1621 (98.8%) exact matches, in which:
1600 unique CDR3
13 unique J



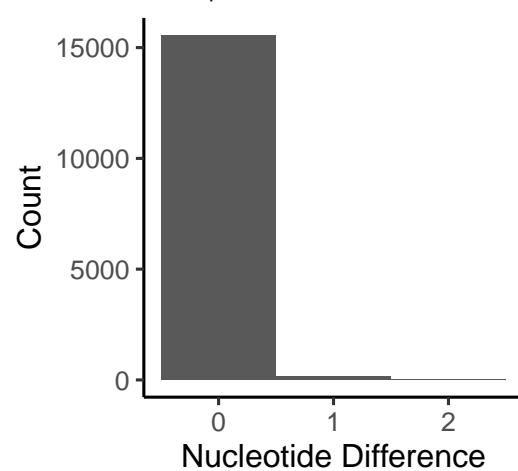
TRBV24-1*ap01

6223 sequences assigned
6138 (98.6%) exact matches, in which:
6007 unique CDR3
13 unique J



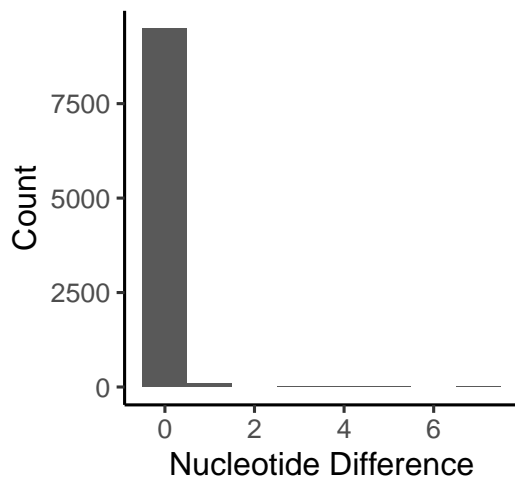
TRBV5-1*ap01

15736 sequences assigned
15562 (98.9%) exact matches, in which:
15162 unique CDR3
13 unique J



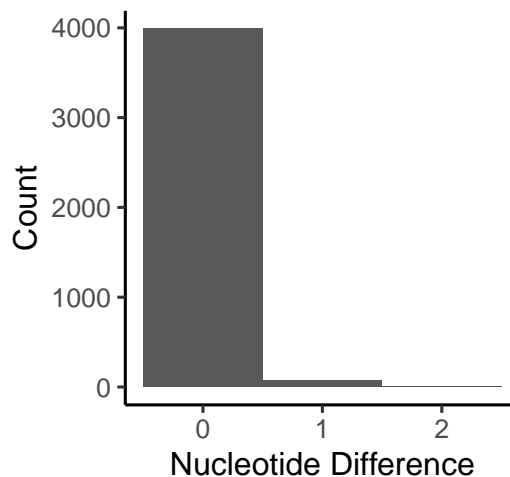
TRBV3-12*ap01

9589 sequences assigned
9483 (98.9%) exact matches, in which:
9280 unique CDR3
13 unique J



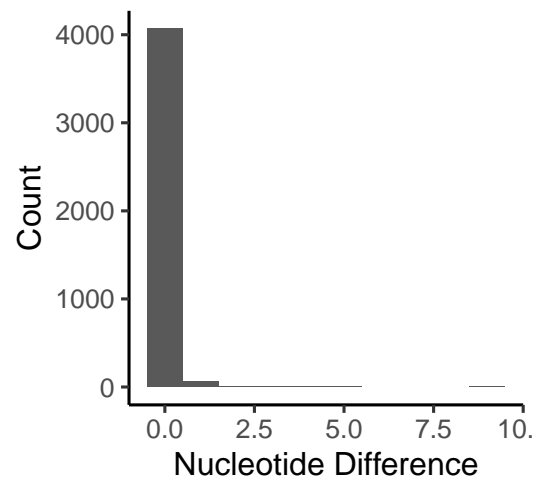
TRBV4-2*ap01

4063 sequences assigned
3990 (98.2%) exact matches, in which:
3909 unique CDR3
13 unique J



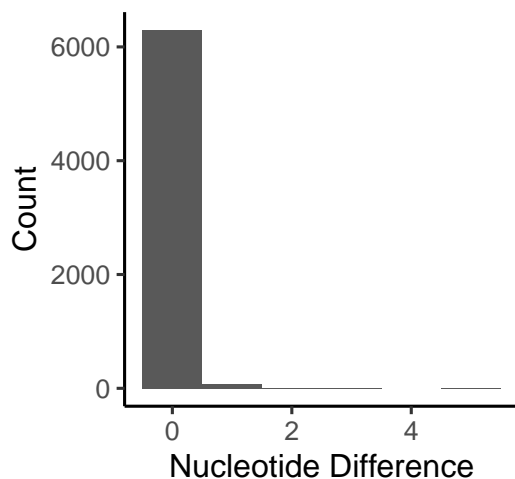
TRBV25-1*ap01

4133 sequences assigned
4068 (98.4%) exact matches, in which:
3965 unique CDR3
13 unique J



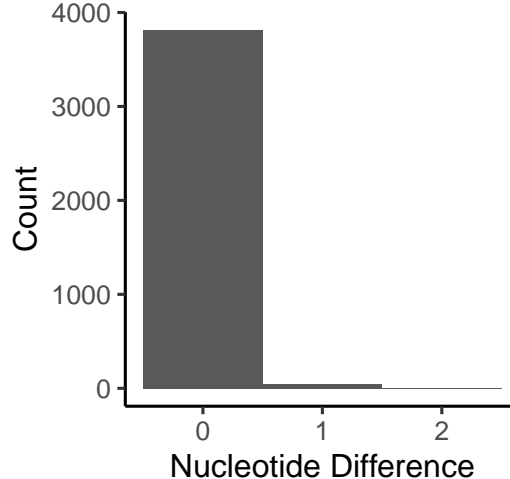
TRBV4-1*ap01

6373 sequences assigned
6296 (98.8%) exact matches, in which:
6153 unique CDR3
13 unique J



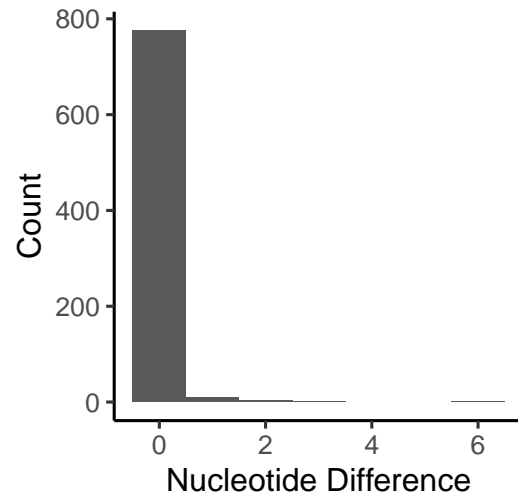
TRBV4-3*ap01

3864 sequences assigned
3813 (98.7%) exact matches, in which:
3707 unique CDR3
13 unique J



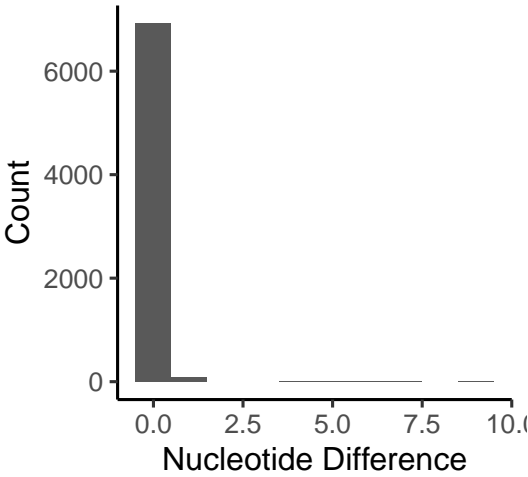
TRBV5-3*ap01

792 sequences assigned
776 (98%) exact matches, in which:
767 unique CDR3
13 unique J



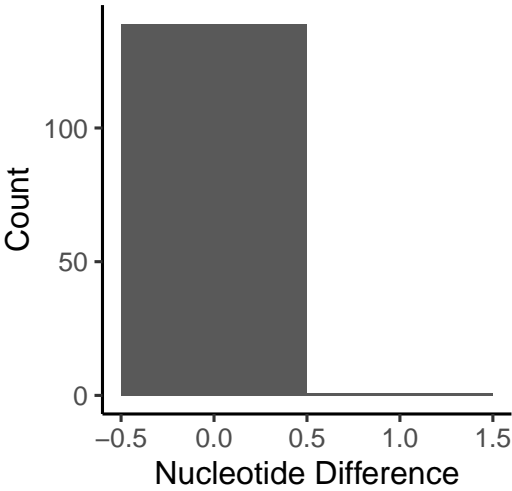
TRBV5-4*ap01

7020 sequences assigned
6923 (98.6%) exact matches, in which:
6774 unique CDR3
13 unique J



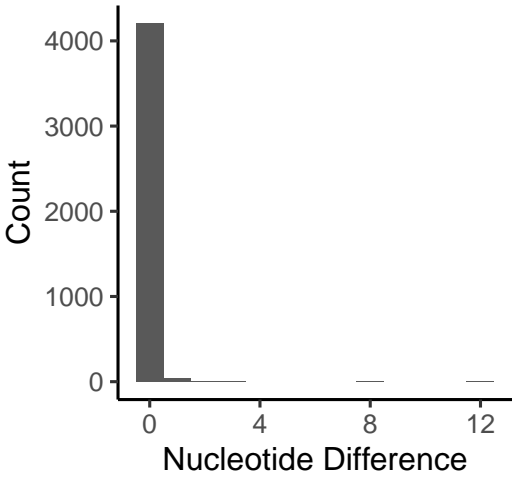
TRBV5-7*ap01

140 sequences assigned
139 (99.3%) exact matches, in which:
135 unique CDR3
12 unique J



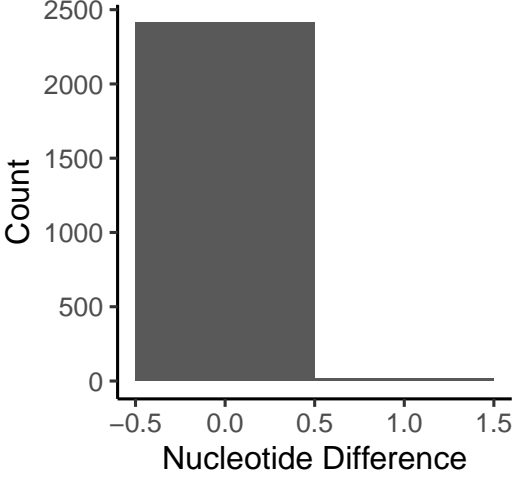
TRBV6-4*ap01

4259 sequences assigned
4205 (98.7%) exact matches, in which:
4151 unique CDR3
13 unique J



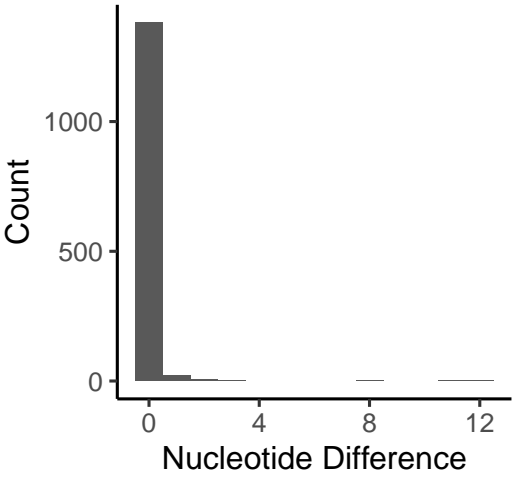
TRBV5-5*ap01

2431 sequences assigned
2412 (99.2%) exact matches, in which:
2378 unique CDR3
13 unique J



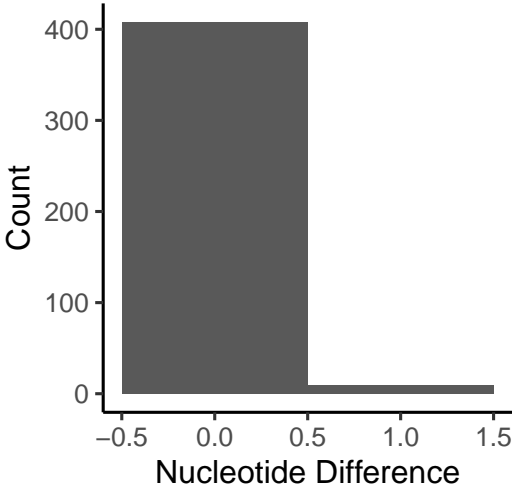
TRBV5-8*ap01

1413 sequences assigned
1381 (97.7%) exact matches, in which:
1361 unique CDR3
13 unique J



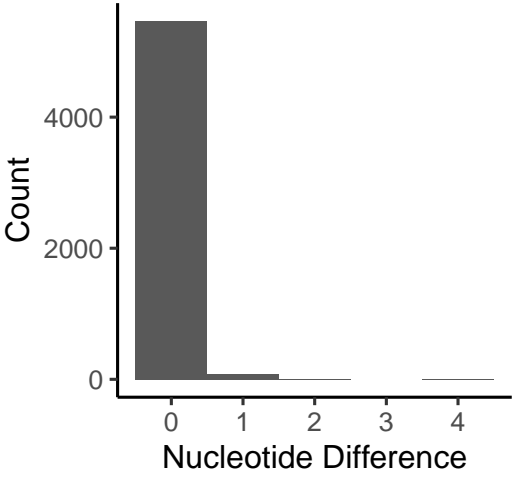
TRBV6-7*ap01

417 sequences assigned
408 (97.8%) exact matches, in which:
392 unique CDR3
13 unique J



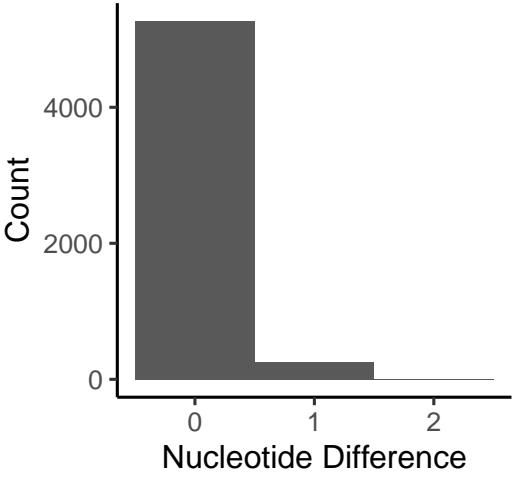
TRBV5-6*ap01

5551 sequences assigned
5466 (98.5%) exact matches, in which:
5299 unique CDR3
13 unique J



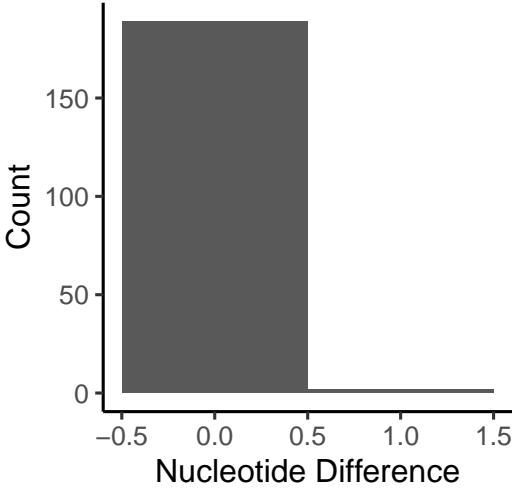
TRBV6-1*ap01

5531 sequences assigned
5268 (95.2%) exact matches, in which:
5153 unique CDR3
13 unique J



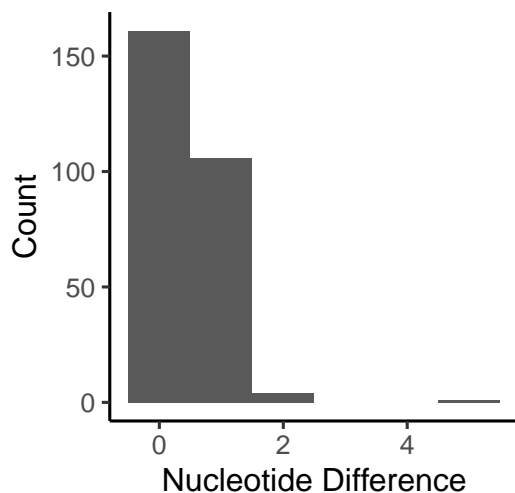
TRBV6-8*ap01

191 sequences assigned
189 (99%) exact matches, in which:
182 unique CDR3
13 unique J



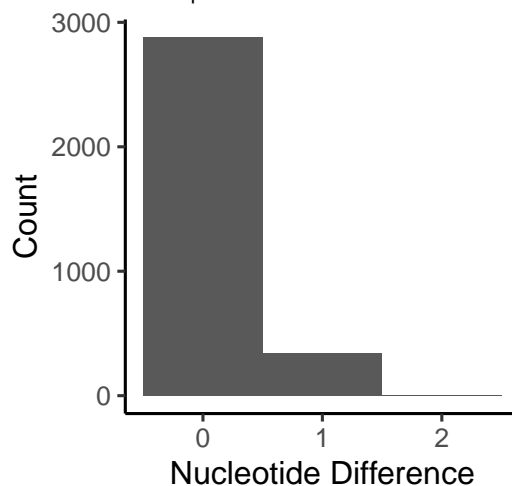
TRBV6-9*ap01

272 sequences assigned
161 (59.2%) exact matches, in which:
155 unique CDR3
13 unique J



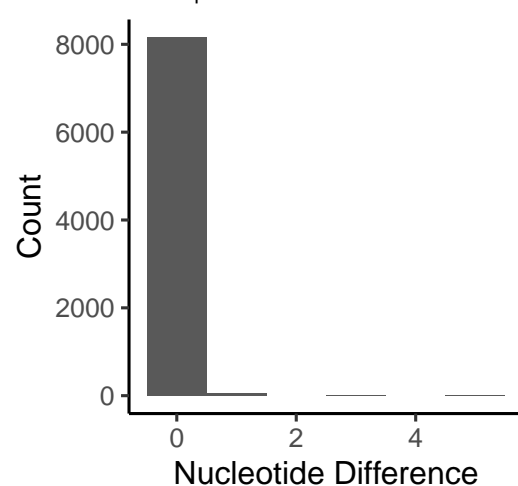
TRBV6-56*ap02

3219 sequences assigned
2879 (89.4%) exact matches, in which:
2807 unique CDR3
13 unique J



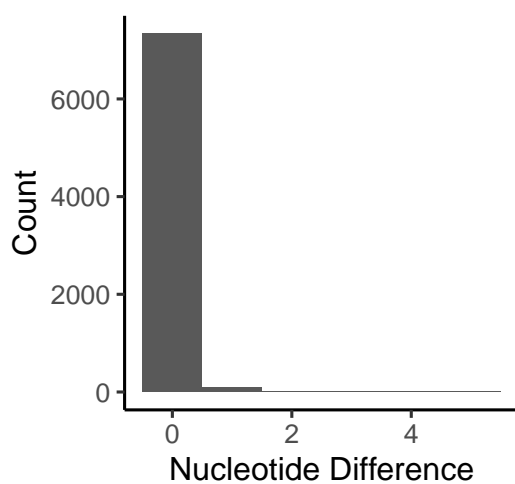
TRBV7-2*ap01

8224 sequences assigned
8157 (99.2%) exact matches, in which:
8015 unique CDR3
13 unique J



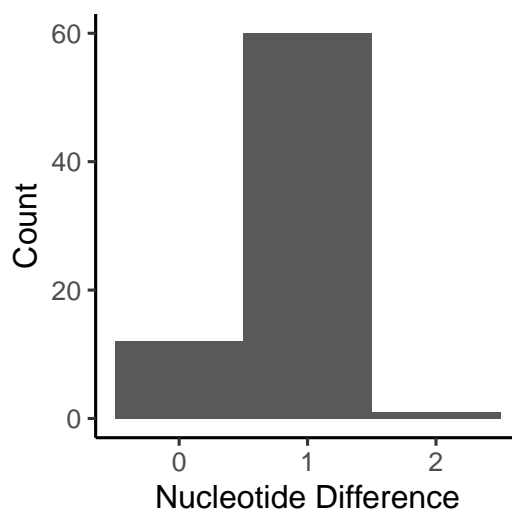
TRBV6-23*ap01

7435 sequences assigned
7335 (98.7%) exact matches, in which:
7114 unique CDR3
13 unique J



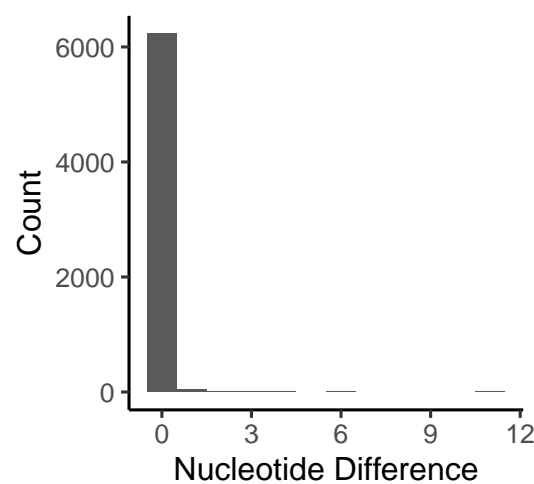
TRBV7-1*ap01_T296C

73 sequences assigned
12 (16.4%) exact matches, in which:
12 unique CDR3
7 unique J



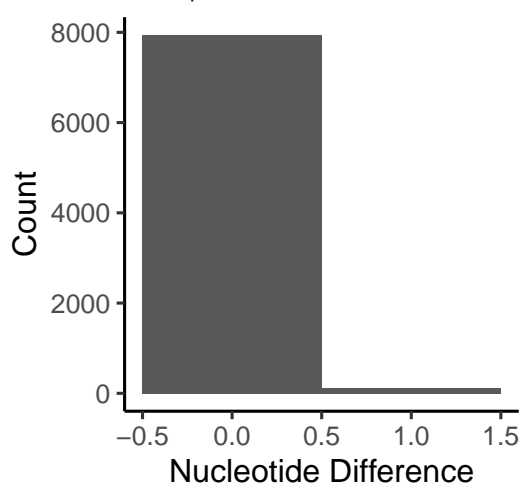
TRBV7-3*ap01

6283 sequences assigned
6230 (99.2%) exact matches, in which:
6153 unique CDR3
13 unique J



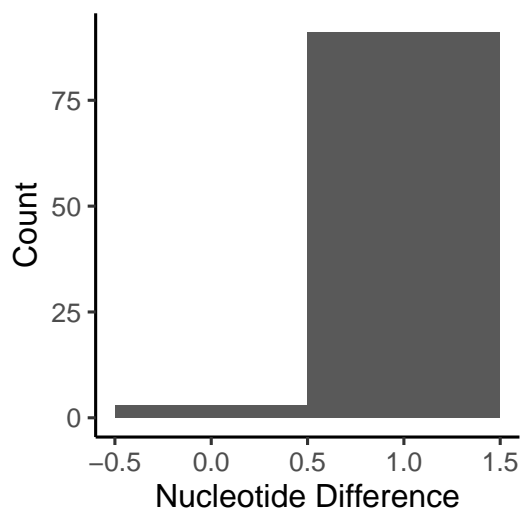
TRBV6-56*ap01

8051 sequences assigned
7940 (98.6%) exact matches, in which:
7748 unique CDR3
13 unique J



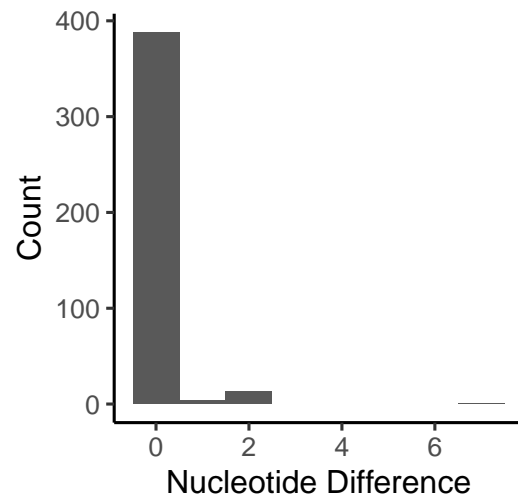
TRBV7-1*ap01_T296C_C

94 sequences assigned
3 (3.2%) exact matches, in which:
3 unique CDR3
3 unique J



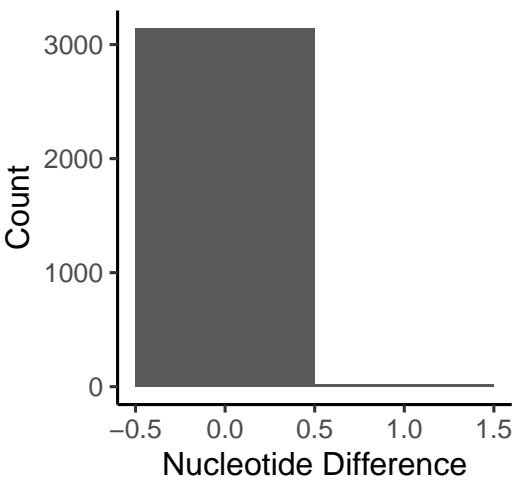
TRBV7-4*ap01

406 sequences assigned
388 (95.6%) exact matches, in which:
383 unique CDR3
13 unique J



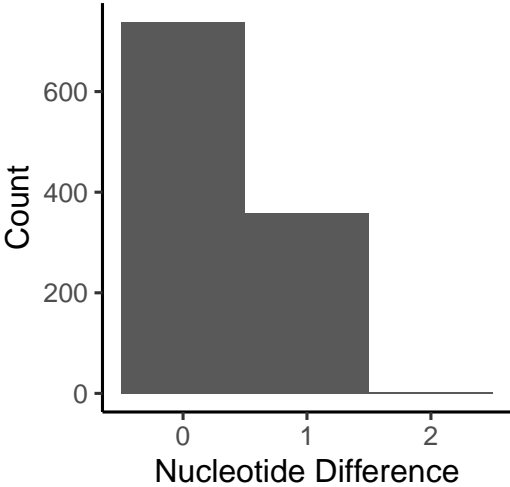
TRBV7-6*ap01

3167 sequences assigned
3142 (99.2%) exact matches, in which:
3077 unique CDR3
13 unique J



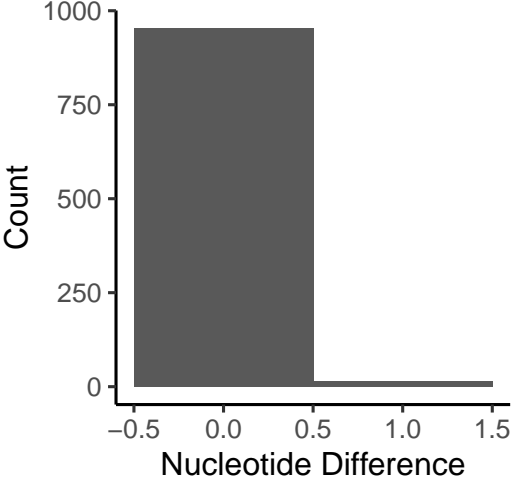
TRBV7-8*ap03

1099 sequences assigned
739 (67.2%) exact matches, in which:
728 unique CDR3
13 unique J



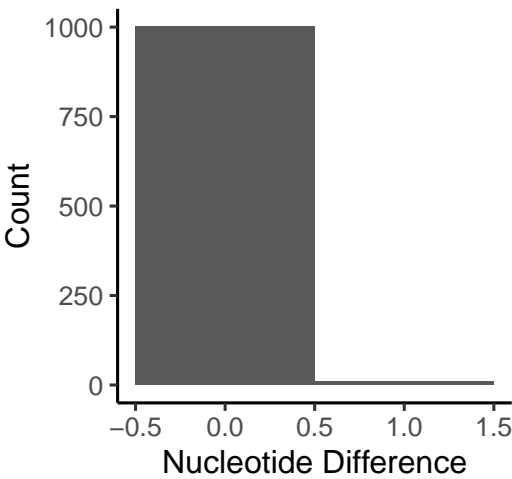
TRBV29-1*ap02

968 sequences assigned
953 (98.5%) exact matches, in which:
935 unique CDR3
13 unique J



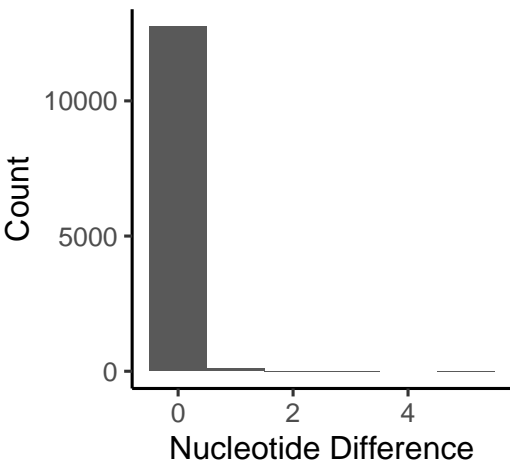
TRBV7-7*ap01

1011 sequences assigned
1001 (99%) exact matches, in which:
978 unique CDR3
13 unique J



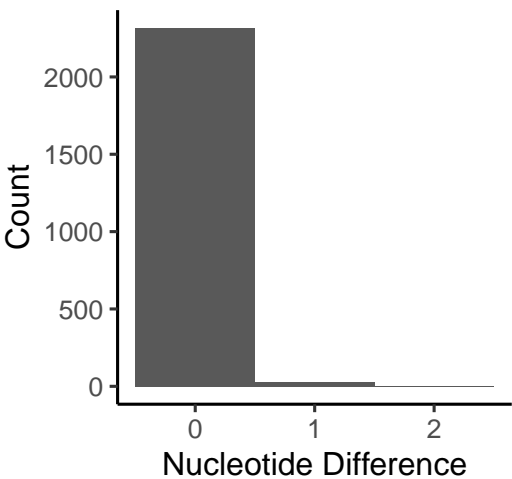
TRBV7-9*ap01

12855 sequences assigned
12752 (99.2%) exact matches, in which:
12553 unique CDR3
13 unique J



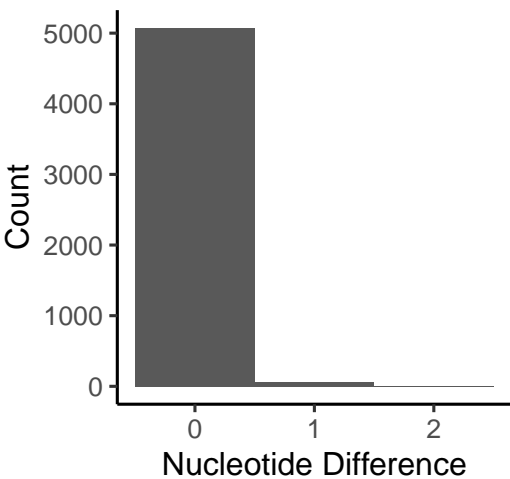
TRBV7-8*ap01

2345 sequences assigned
2316 (98.8%) exact matches, in which:
2255 unique CDR3
13 unique J

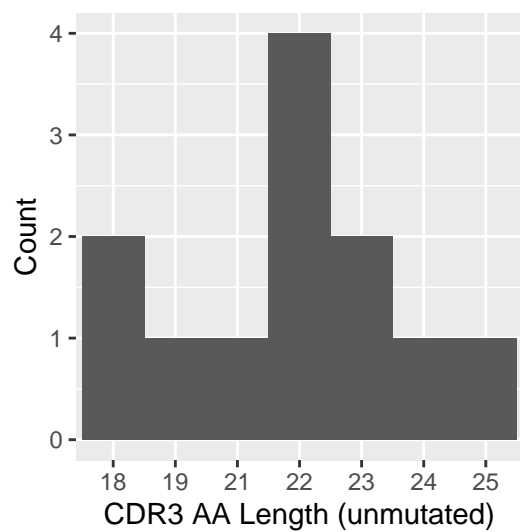


TRBV29-1*ap01

5133 sequences assigned
5072 (98.8%) exact matches, in which:
4972 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-1*ap01_T296C_C314T

