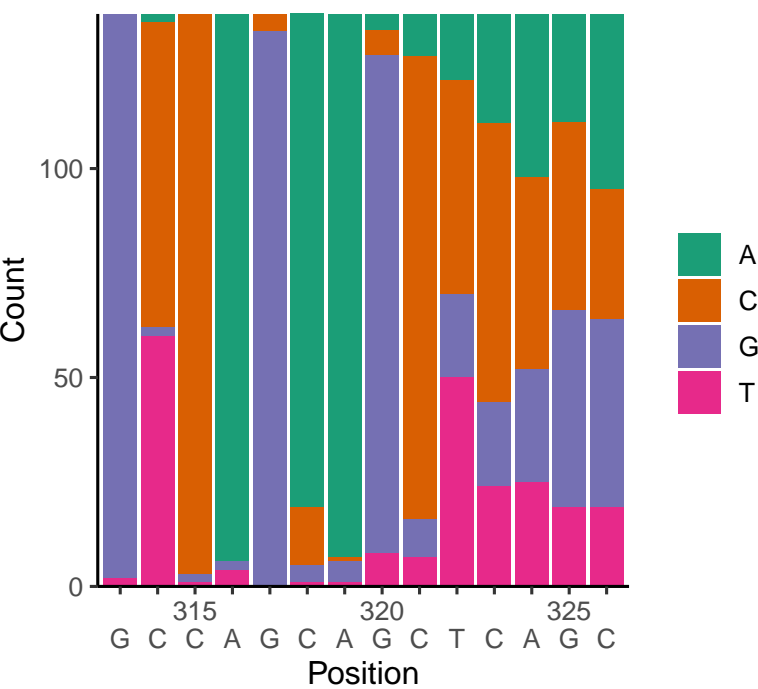
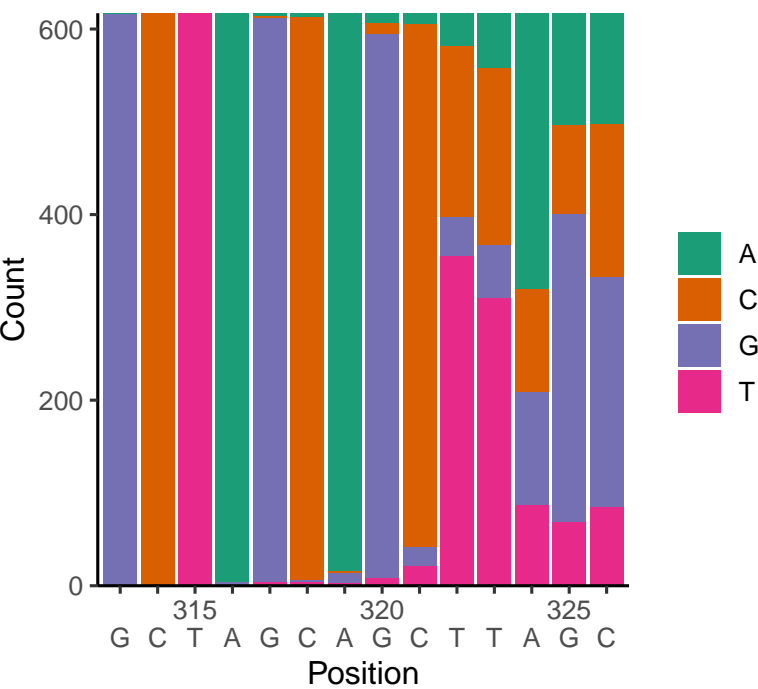


Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



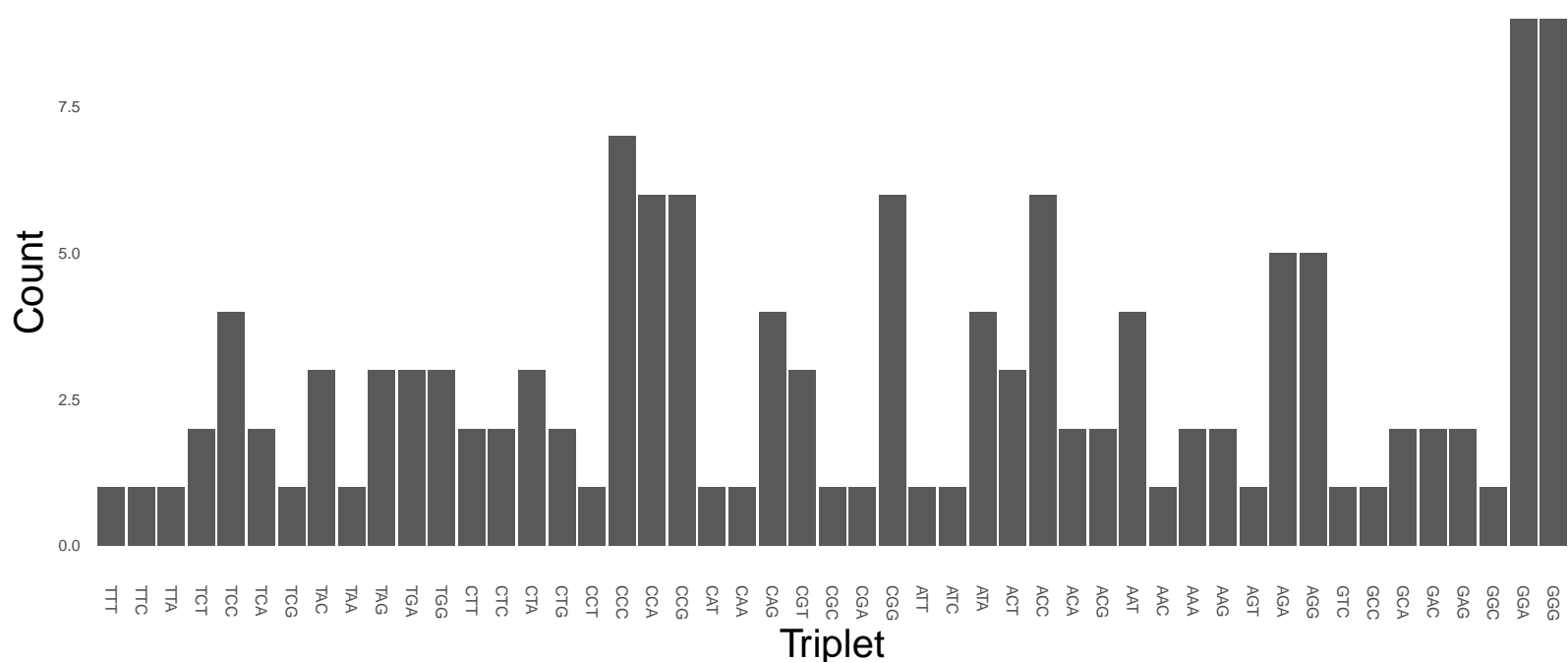
Gene TRBV7-1*ap01_T296C



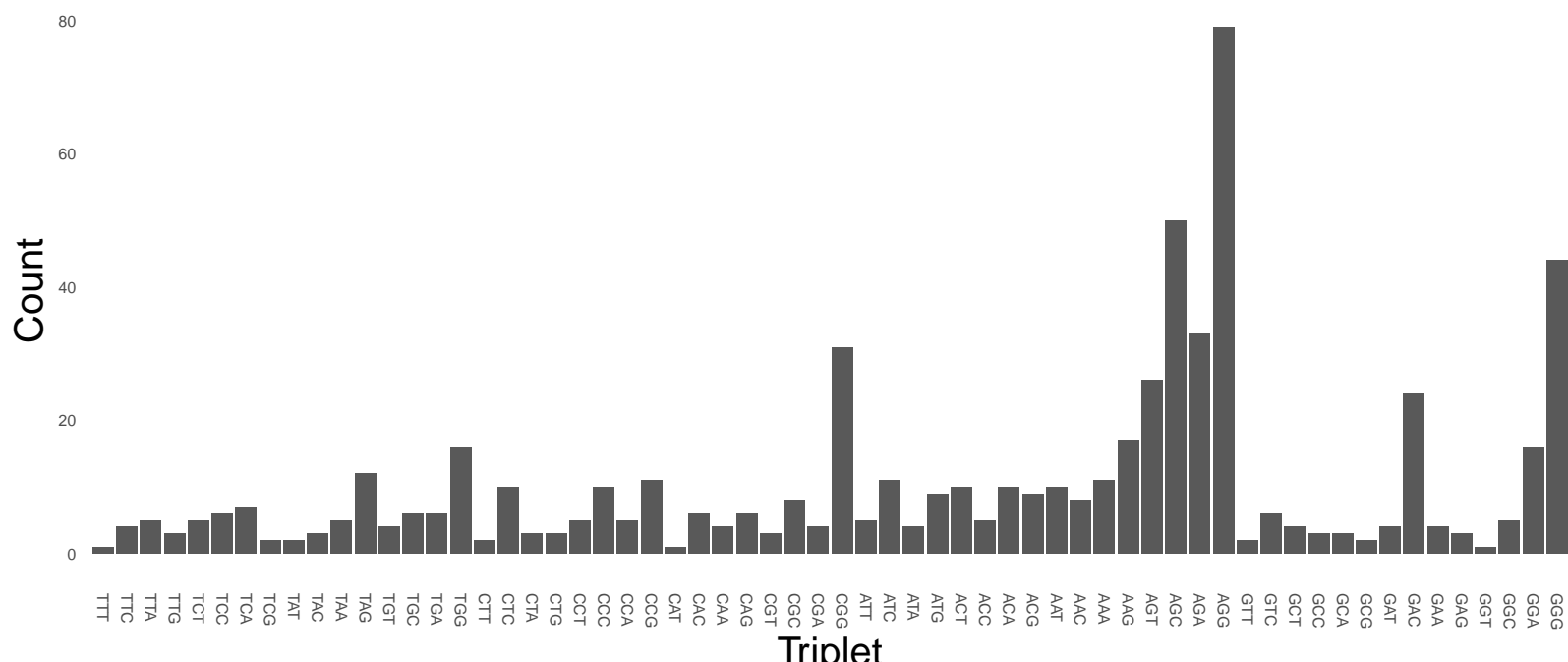
Gene TRBV7-7*ap01_C315T



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

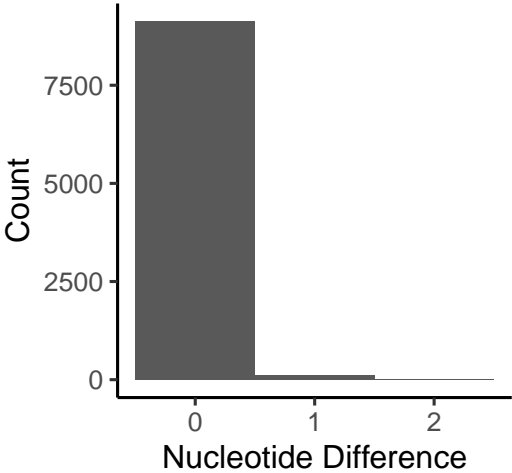


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



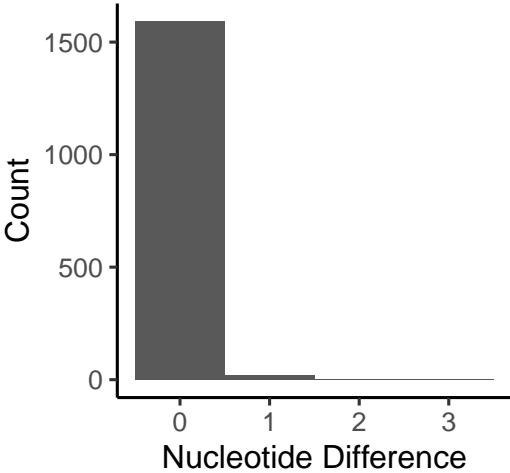
TRBV20-1*ap01

9247 sequences assigned
9126 (98.7%) exact matches, in which:
8955 unique CDR3
13 unique J



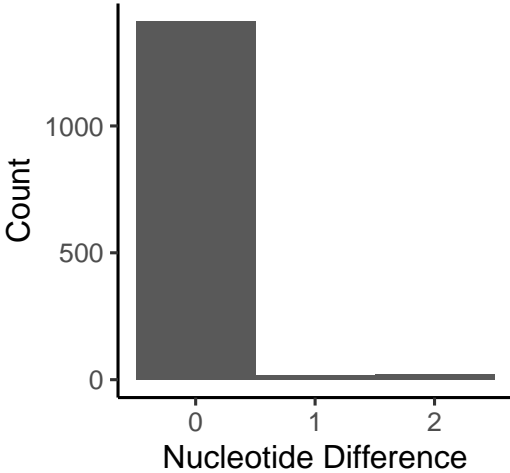
TRBV10-2*ap01

1614 sequences assigned
1592 (98.6%) exact matches, in which:
1558 unique CDR3
13 unique J



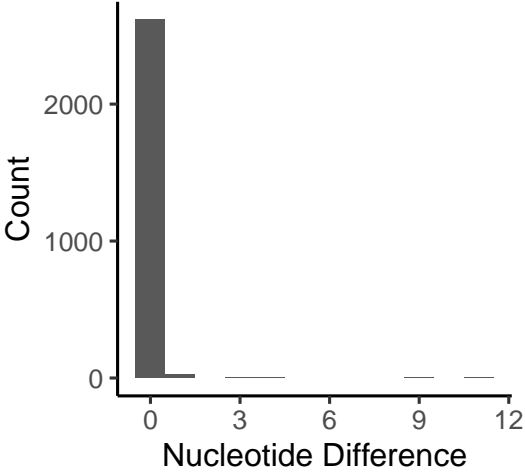
TRBV13*ap01

1453 sequences assigned
1412 (97.2%) exact matches, in which:
1375 unique CDR3
13 unique J



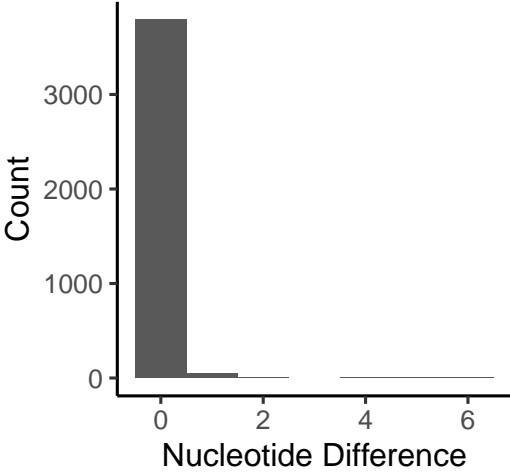
TRBV10-1*ap01

2646 sequences assigned
2616 (98.9%) exact matches, in which:
2550 unique CDR3
14 unique J



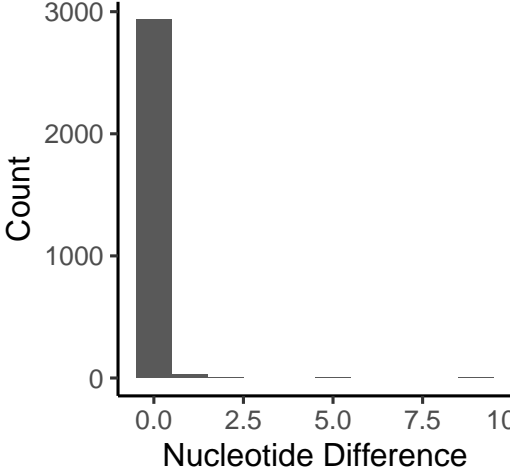
TRBV10-3*ap01

3845 sequences assigned
3791 (98.6%) exact matches, in which:
3689 unique CDR3
13 unique J



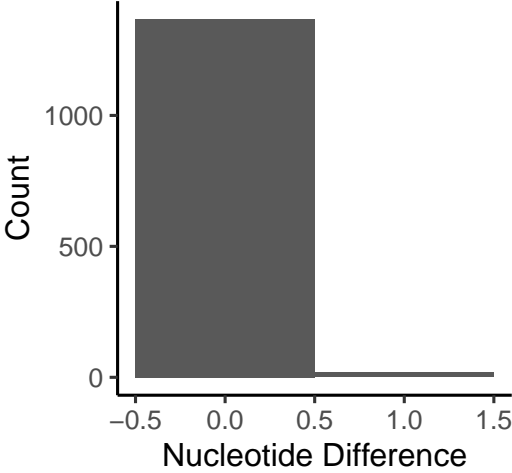
TRBV14*ap01

2965 sequences assigned
2934 (99%) exact matches, in which:
2879 unique CDR3
13 unique J



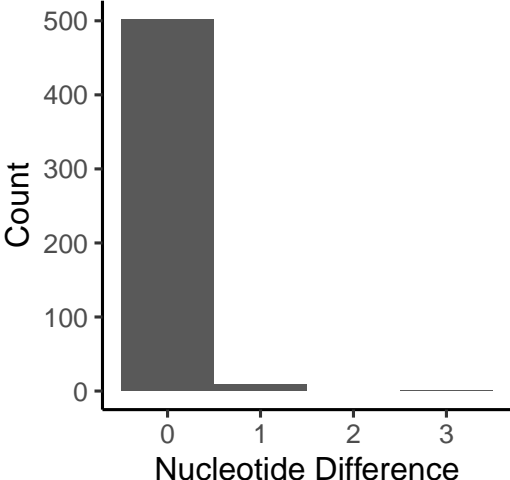
TRBV20-1*ap02

1387 sequences assigned
1368 (98.6%) exact matches, in which:
1348 unique CDR3
13 unique J



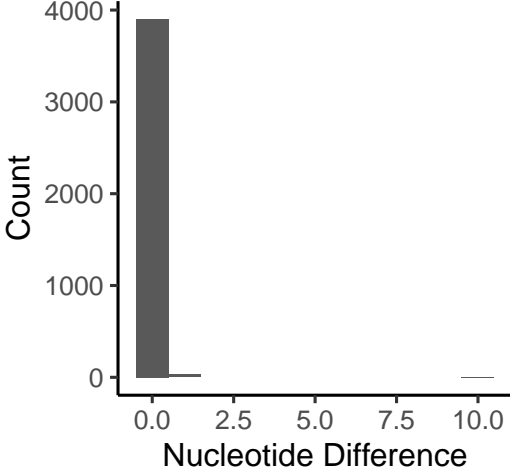
TRBV1*ap01

512 sequences assigned
502 (98%) exact matches, in which:
484 unique CDR3
13 unique J



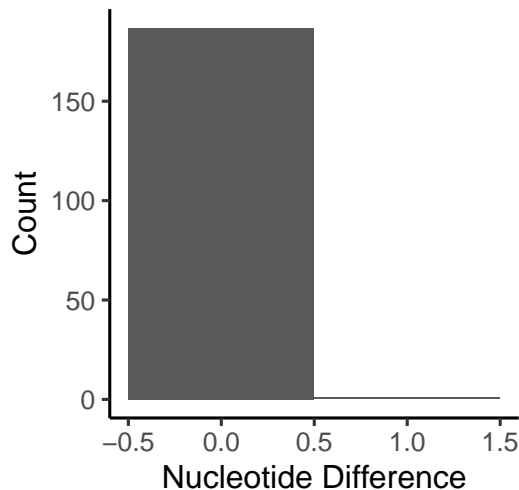
TRBV15*ap02

3934 sequences assigned
3902 (99.2%) exact matches, in which:
3810 unique CDR3
13 unique J



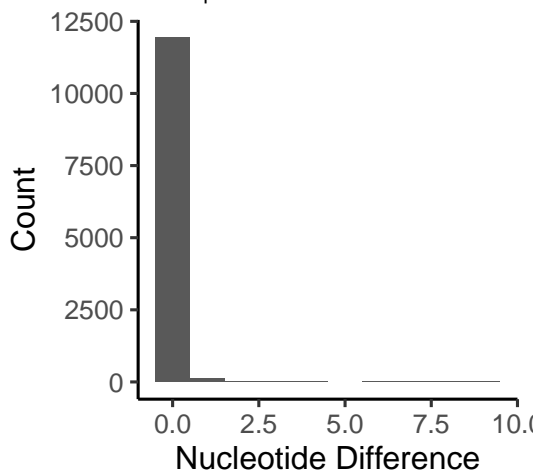
TRBV16*ap01

188 sequences assigned
187 (99.5%) exact matches, in which:
185 unique CDR3
12 unique J



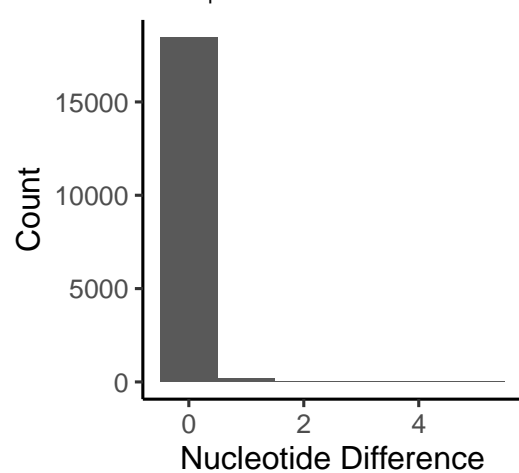
TRBV19*ap01

12110 sequences assigned
11952 (98.7%) exact matches, in which:
11816 unique CDR3
13 unique J



TRBV28*ap01

18662 sequences assigned
18471 (99%) exact matches, in which:
18128 unique CDR3
13 unique J



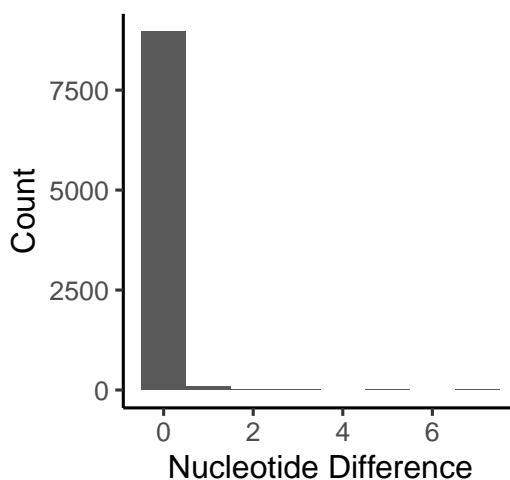
TRBV17*ap01

2 sequences assigned
No exact matches.



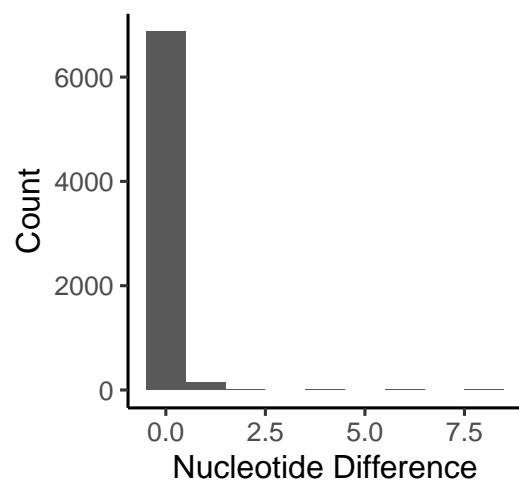
TRBV2*ap01

9053 sequences assigned
8961 (99%) exact matches, in which:
8792 unique CDR3
13 unique J



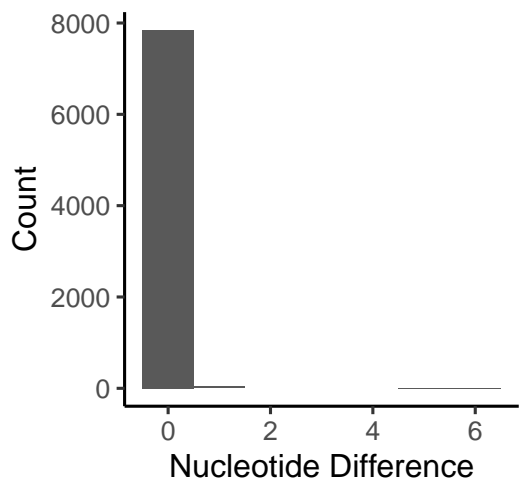
TRBV30*ap01

7016 sequences assigned
6870 (97.9%) exact matches, in which:
6720 unique CDR3
13 unique J



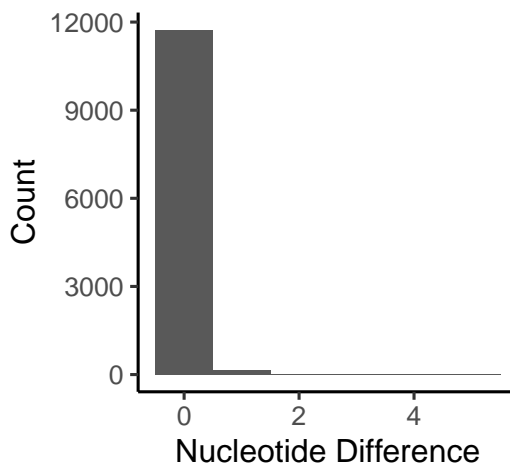
TRBV18*ap01

7892 sequences assigned
7846 (99.4%) exact matches, in which:
7749 unique CDR3
13 unique J



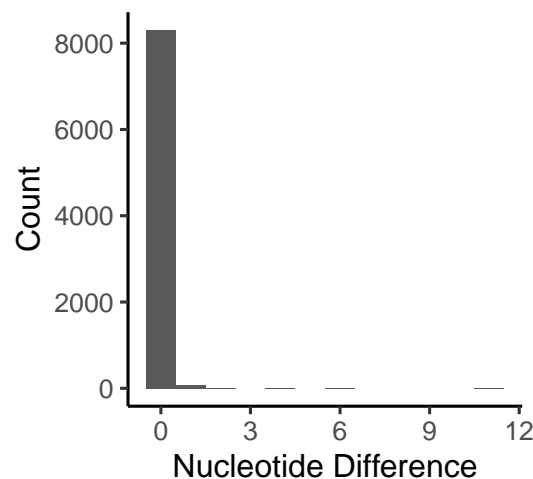
TRBV27*ap01

11894 sequences assigned
11737 (98.7%) exact matches, in which:
11442 unique CDR3
13 unique J



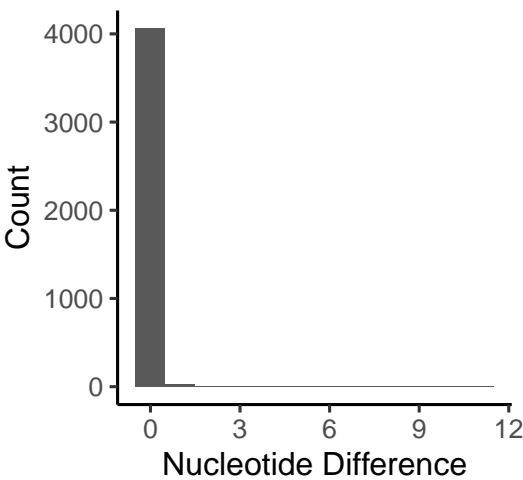
TRBV9*ap01

8389 sequences assigned
8304 (99%) exact matches, in which:
8172 unique CDR3
13 unique J



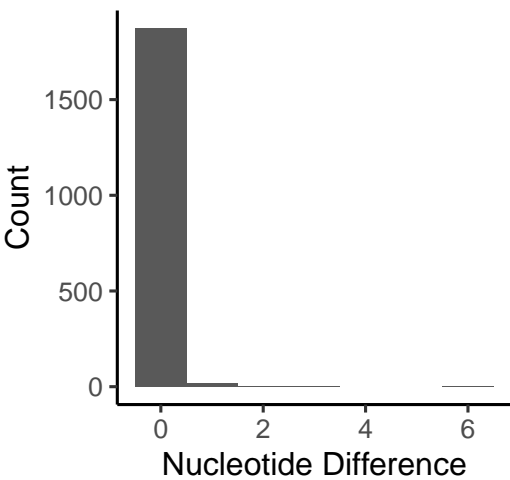
TRBV21-1*ap01

4112 sequences assigned
4062 (98.8%) exact matches, in which:
4004 unique CDR3
13 unique J



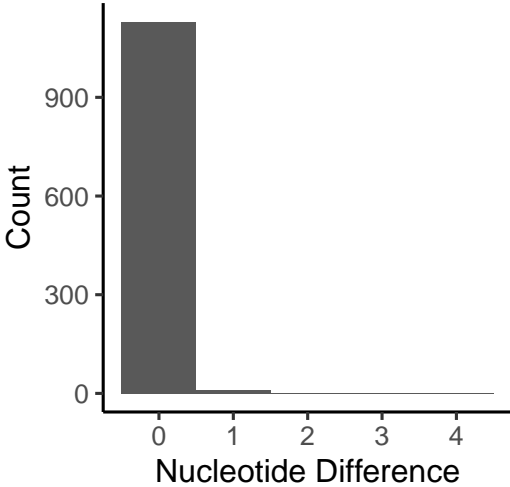
TRBV11-3*ap01

1894 sequences assigned
1872 (98.8%) exact matches, in which:
1844 unique CDR3
13 unique J



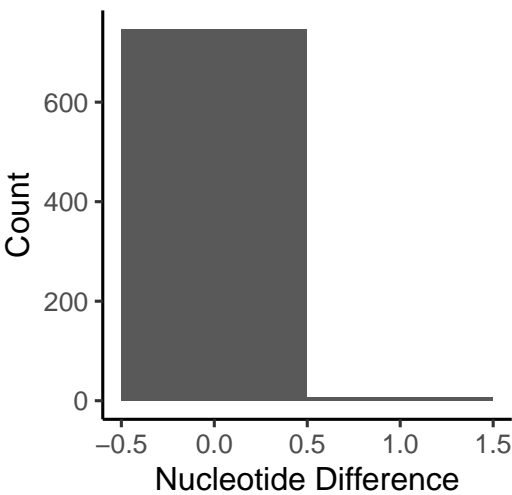
TRBV12-5*ap01

1144 sequences assigned
1130 (98.8%) exact matches, in which:
1109 unique CDR3
13 unique J



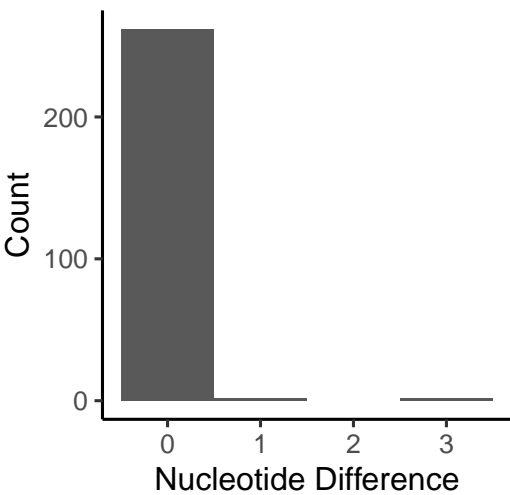
TRBV11-1*ap01

755 sequences assigned
747 (98.9%) exact matches, in which:
734 unique CDR3
13 unique J



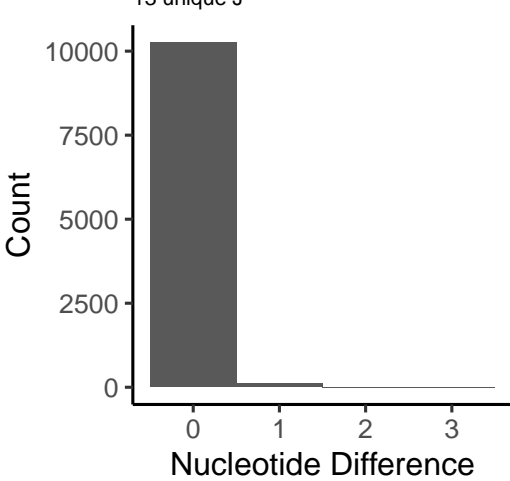
TRBV12-1*ap01

266 sequences assigned
262 (98.5%) exact matches, in which:
255 unique CDR3
12 unique J



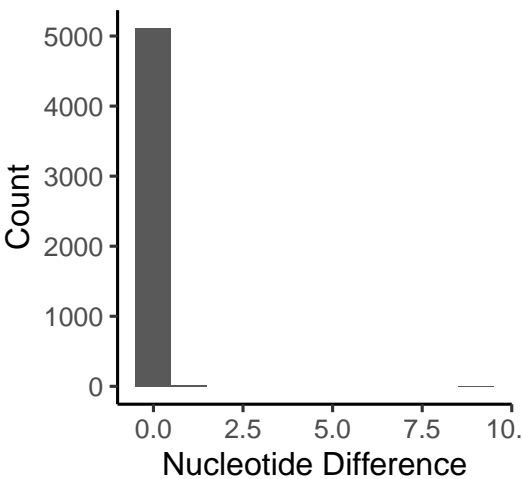
TRBV12-34*ap01

10376 sequences assigned
10258 (98.9%) exact matches, in which:
10042 unique CDR3
13 unique J



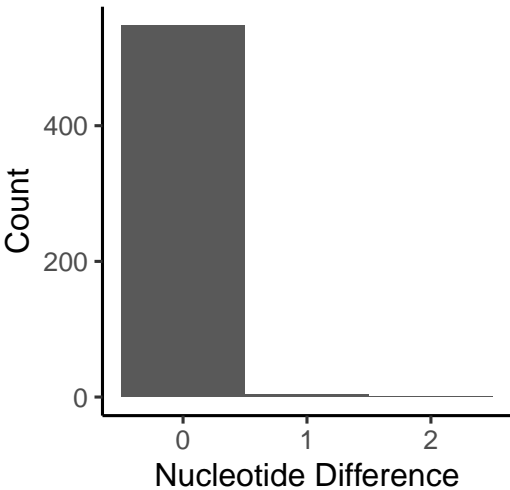
TRBV11-2*ap01

5138 sequences assigned
5114 (99.5%) exact matches, in which:
5061 unique CDR3
13 unique J



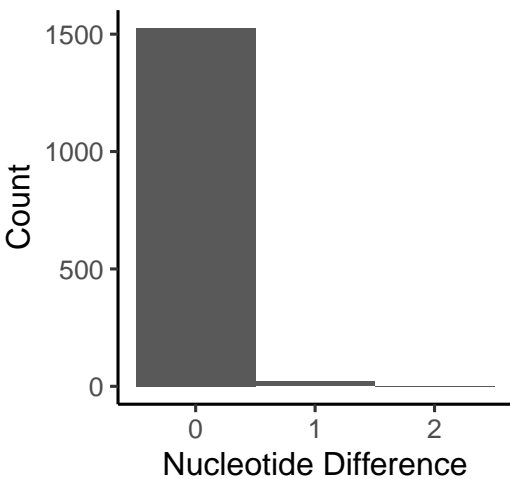
TRBV12-2*ap01

553 sequences assigned
548 (99.1%) exact matches, in which:
537 unique CDR3
13 unique J



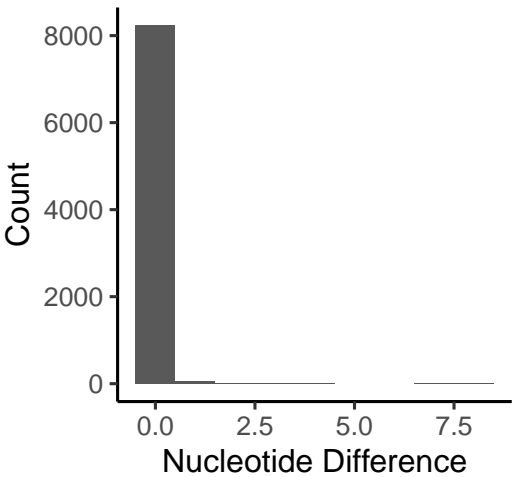
TRBV23-1*ap01

1548 sequences assigned
1526 (98.6%) exact matches, in which:
1490 unique CDR3
13 unique J



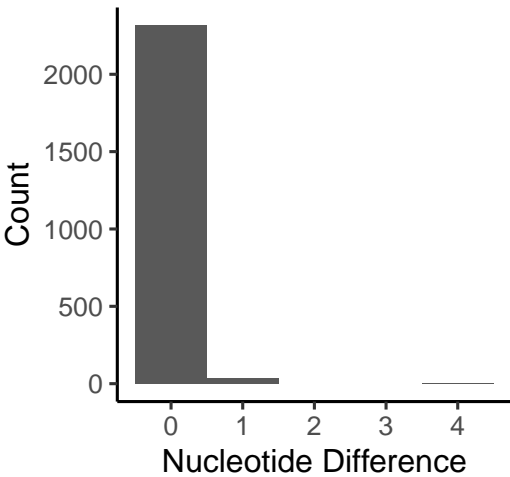
TRBV3-12*ap01

8306 sequences assigned
8235 (99.1%) exact matches, in which:
8111 unique CDR3
13 unique J



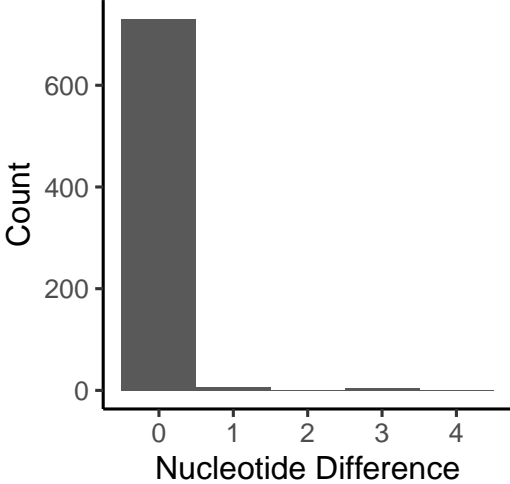
TRBV4-2*ap01

2352 sequences assigned
2316 (98.5%) exact matches, in which:
2264 unique CDR3
13 unique J



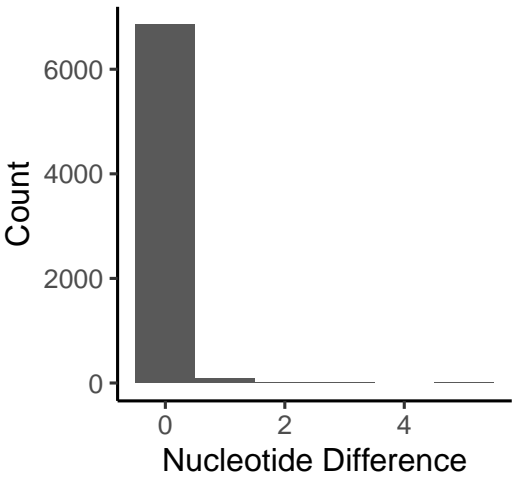
TRBV5-3*ap01

744 sequences assigned
731 (98.3%) exact matches, in which:
716 unique CDR3
13 unique J



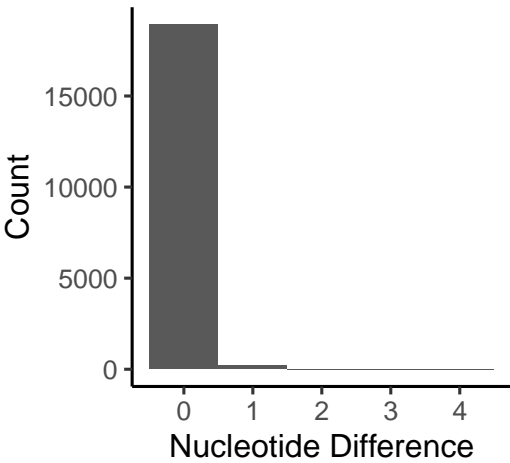
TRBV4-1*ap01

6943 sequences assigned
6851 (98.7%) exact matches, in which:
6682 unique CDR3
13 unique J



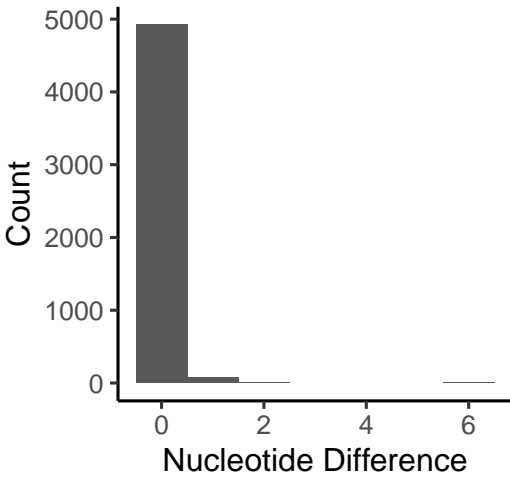
TRBV5-1*ap01

19127 sequences assigned
18926 (98.9%) exact matches, in which:
18387 unique CDR3
13 unique J



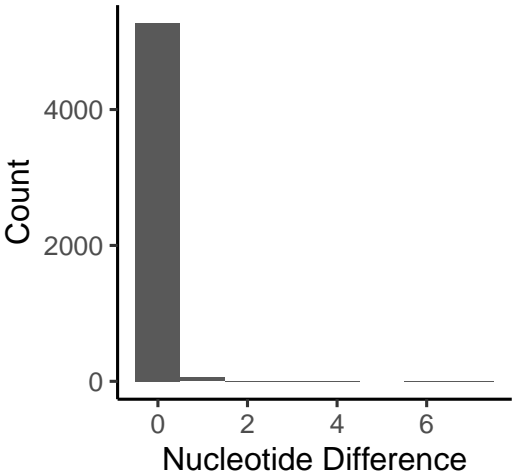
TRBV5-4*ap01

4996 sequences assigned
4923 (98.5%) exact matches, in which:
4787 unique CDR3
13 unique J



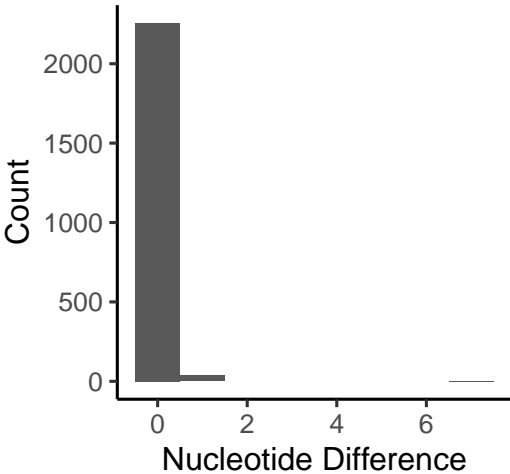
TRBV24-1*ap01

5333 sequences assigned
5273 (98.9%) exact matches, in which:
5180 unique CDR3
13 unique J



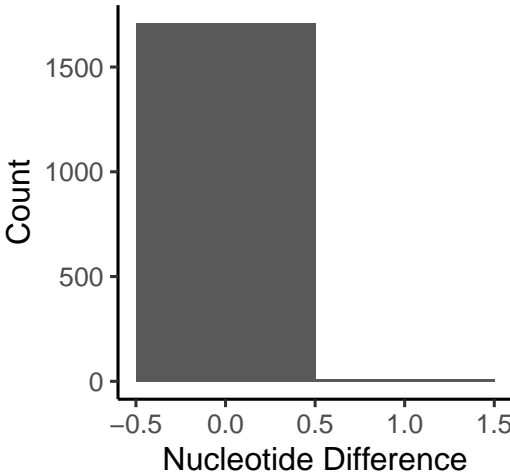
TRBV25-1*ap01

2294 sequences assigned
2256 (98.3%) exact matches, in which:
2188 unique CDR3
13 unique J



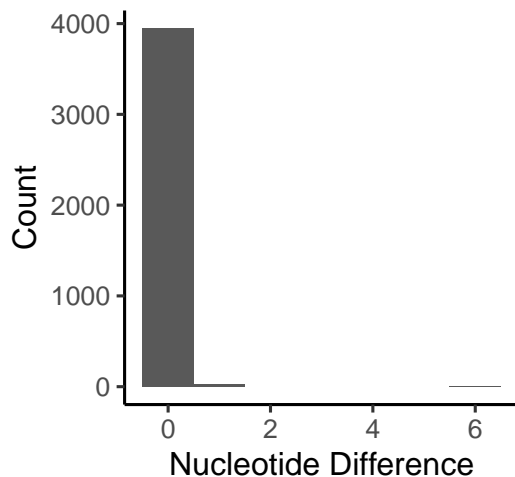
TRBV5-5*ap01

1721 sequences assigned
1710 (99.4%) exact matches, in which:
1699 unique CDR3
13 unique J



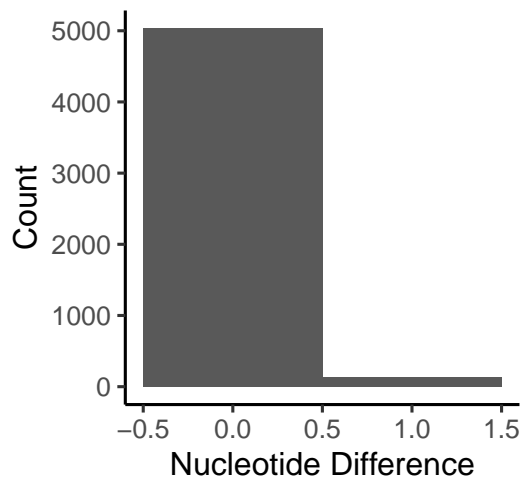
TRBV5-6*ap01

3979 sequences assigned
3947 (99.2%) exact matches, in which:
3807 unique CDR3
13 unique J



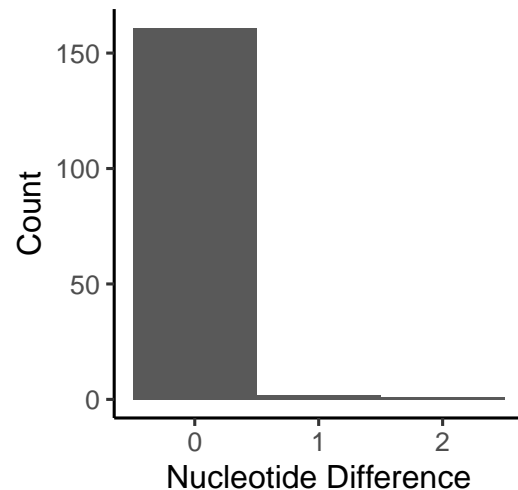
TRBV6-1*ap01

5164 sequences assigned
5033 (97.5%) exact matches, in which:
4889 unique CDR3
13 unique J



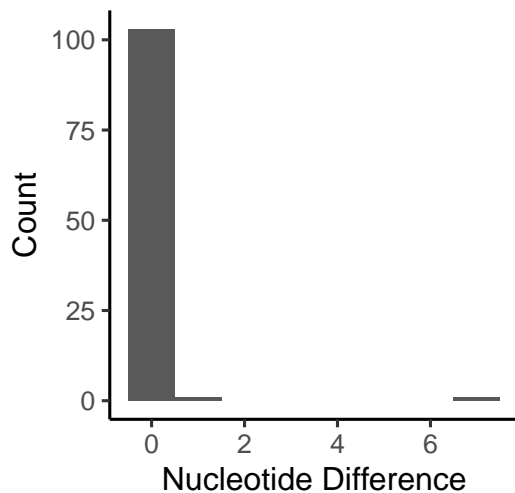
TRBV6-8*ap01

164 sequences assigned
161 (98.2%) exact matches, in which:
153 unique CDR3
13 unique J



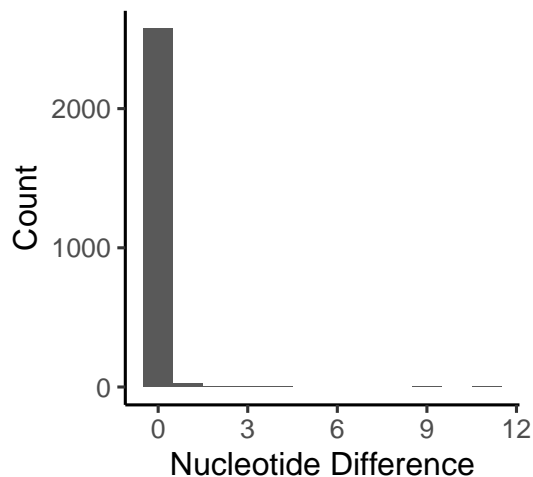
TRBV5-7*ap01

105 sequences assigned
103 (98.1%) exact matches, in which:
100 unique CDR3
13 unique J



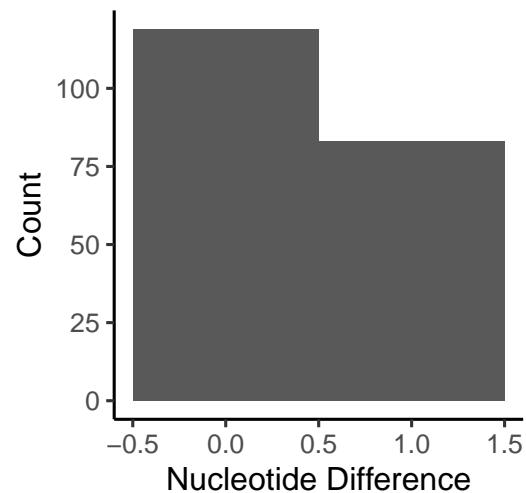
TRBV6-4*ap01

2608 sequences assigned
2574 (98.7%) exact matches, in which:
2524 unique CDR3
13 unique J



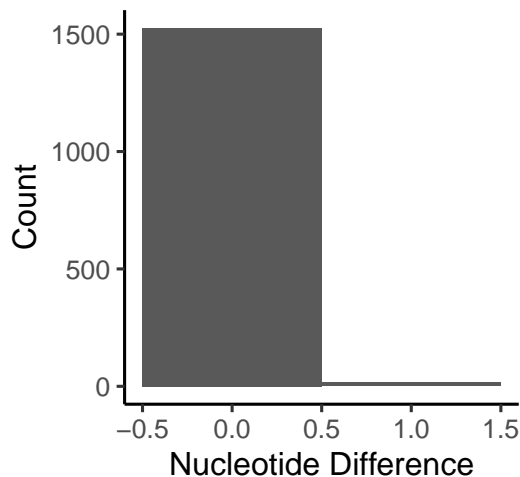
TRBV6-9*ap01

202 sequences assigned
119 (58.9%) exact matches, in which:
116 unique CDR3
13 unique J



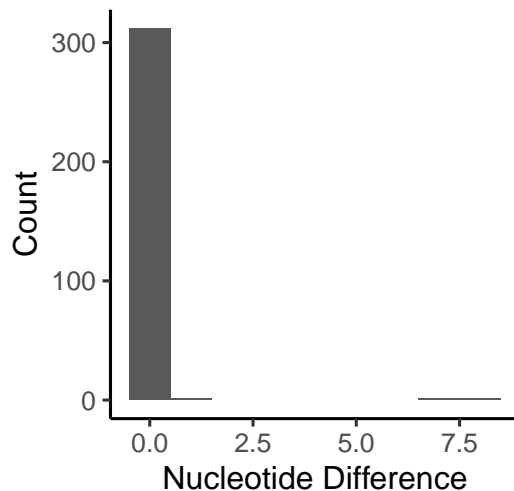
TRBV5-8*ap01

1542 sequences assigned
1526 (99%) exact matches, in which:
1500 unique CDR3
13 unique J



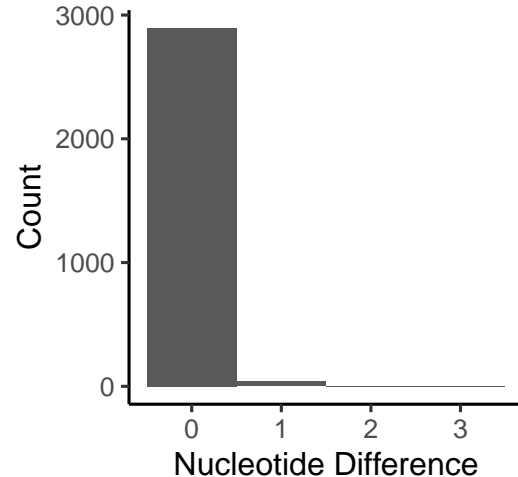
TRBV6-7*ap01

315 sequences assigned
312 (99%) exact matches, in which:
297 unique CDR3
13 unique J



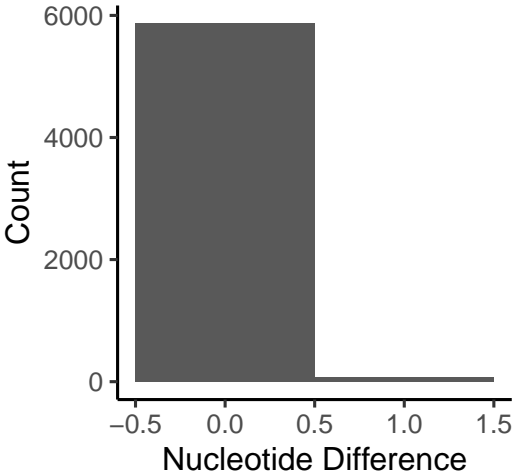
TRBV6-23*ap01

2938 sequences assigned
2895 (98.5%) exact matches, in which:
2796 unique CDR3
13 unique J



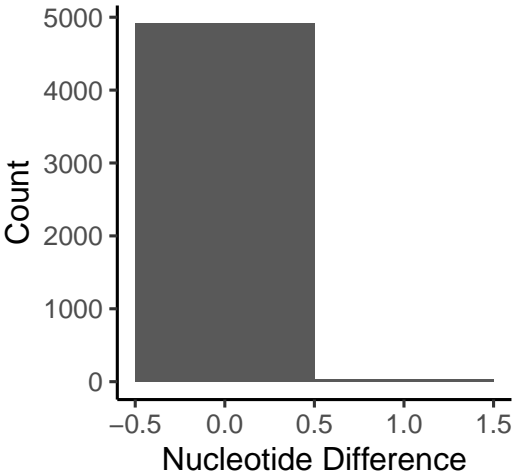
TRBV6-56*ap01

5939 sequences assigned
5869 (98.8%) exact matches, in which:
5692 unique CDR3
13 unique J



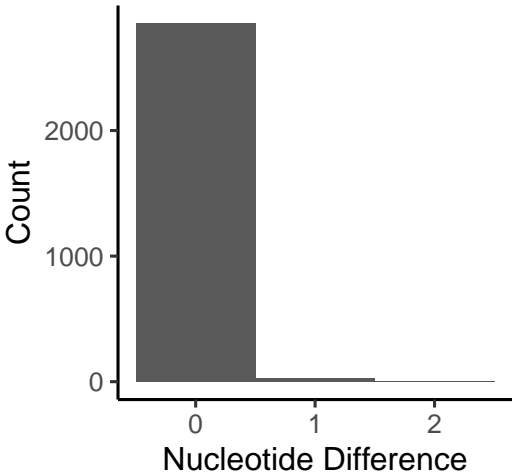
TRBV7-2*ap01

4950 sequences assigned
4915 (99.3%) exact matches, in which:
4832 unique CDR3
13 unique J



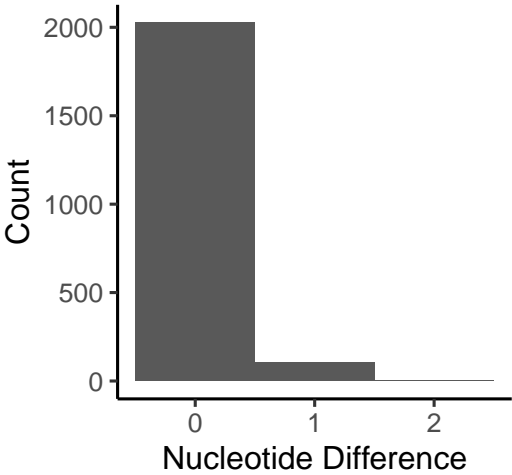
TRBV7-6*ap01

2880 sequences assigned
2853 (99.1%) exact matches, in which:
2810 unique CDR3
13 unique J



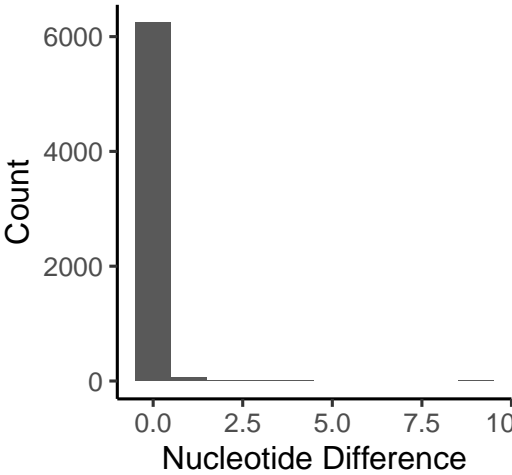
TRBV6-56*ap02

2132 sequences assigned
2026 (95%) exact matches, in which:
1972 unique CDR3
13 unique J



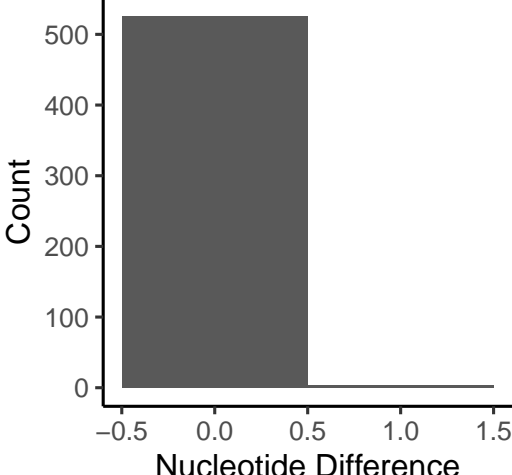
TRBV7-3*ap01

6301 sequences assigned
6242 (99.1%) exact matches, in which:
6166 unique CDR3
13 unique J



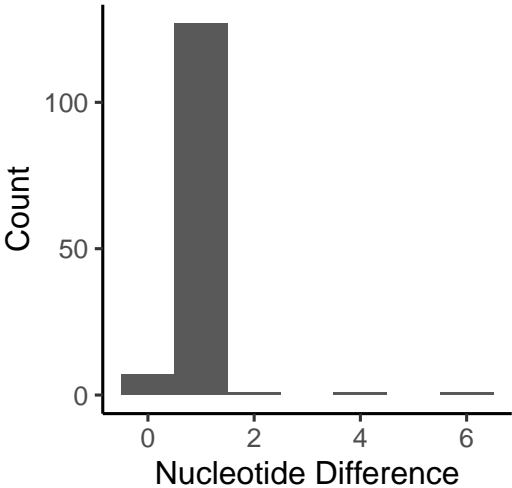
TRBV7-7*ap01

529 sequences assigned
526 (99.4%) exact matches, in which:
517 unique CDR3
13 unique J



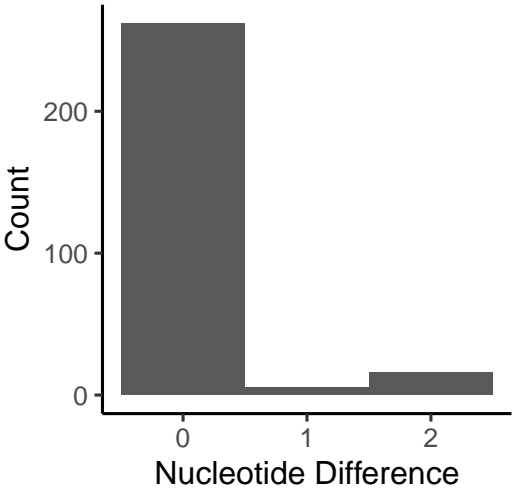
TRBV7-1*ap01_T296C

137 sequences assigned
7 (5.1%) exact matches, in which:
7 unique CDR3
7 unique J



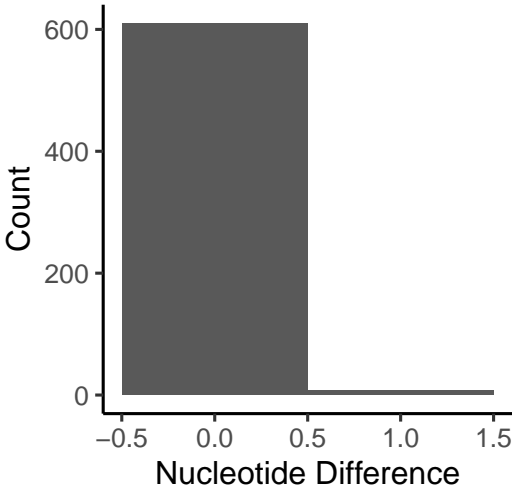
TRBV7-4*ap01

283 sequences assigned
262 (92.6%) exact matches, in which:
250 unique CDR3
13 unique J



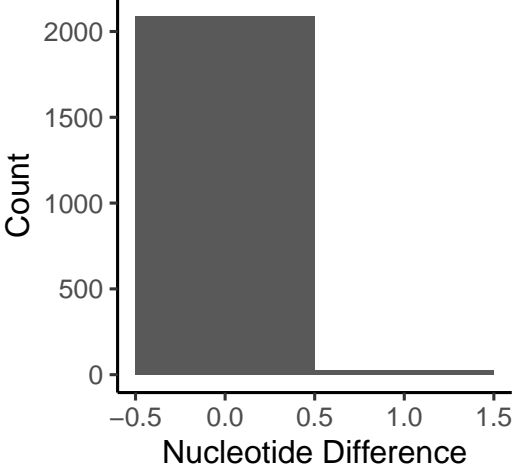
TRBV7-7*ap01_C315T

617 sequences assigned
610 (98.9%) exact matches, in which:
598 unique CDR3
13 unique J



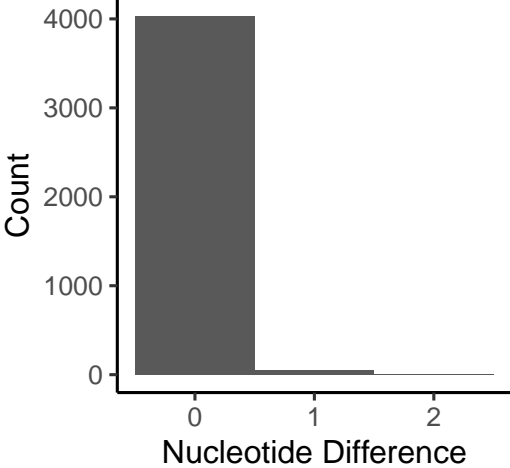
TRBV7-8*ap01

2112 sequences assigned
2088 (98.9%) exact matches, in which:
2043 unique CDR3
13 unique J



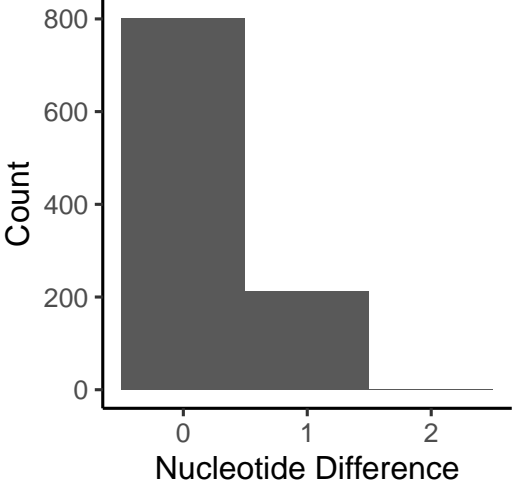
TRBV29-1*ap01

4084 sequences assigned
4028 (98.6%) exact matches, in which:
3907 unique CDR3
13 unique J



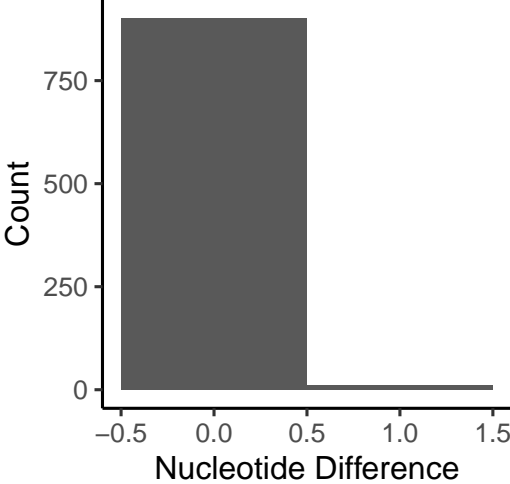
TRBV7-8*ap03

1015 sequences assigned
802 (79%) exact matches, in which:
785 unique CDR3
13 unique J



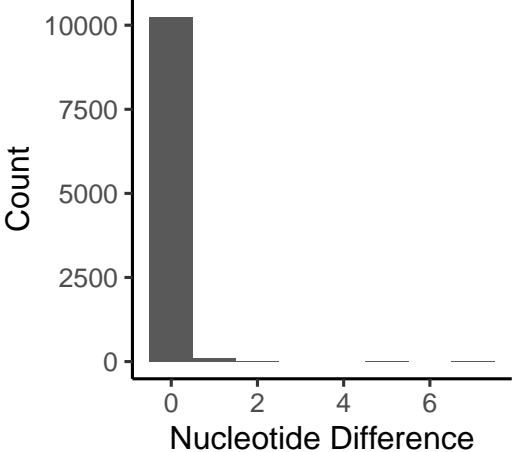
TRBV29-1*ap02

913 sequences assigned
902 (98.8%) exact matches, in which:
874 unique CDR3
13 unique J

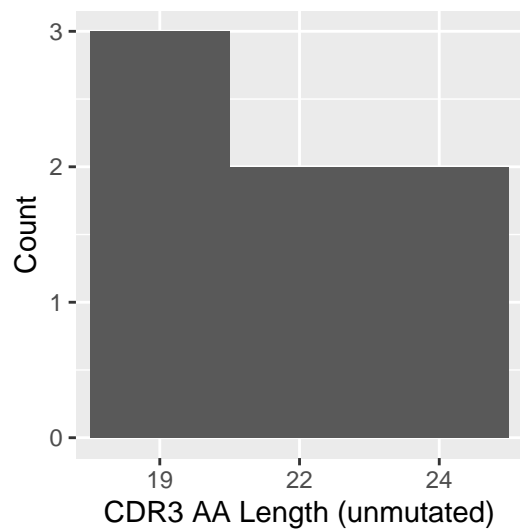


TRBV7-9*ap01

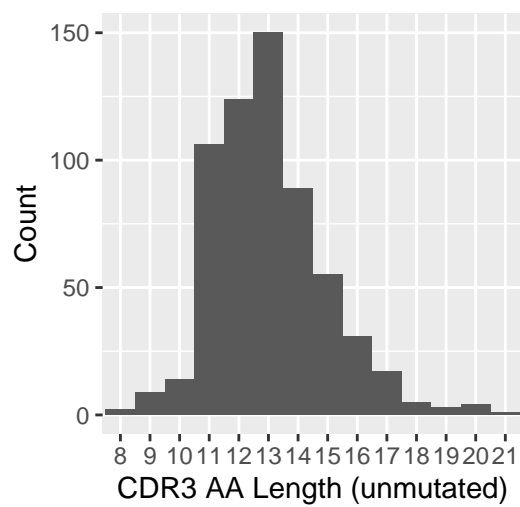
10349 sequences assigned
10250 (99%) exact matches, in which:
10050 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.