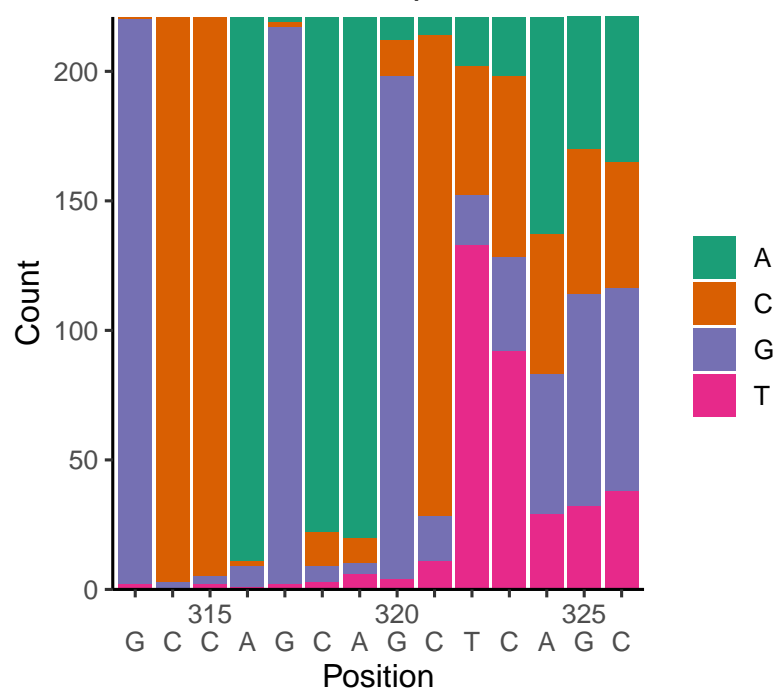
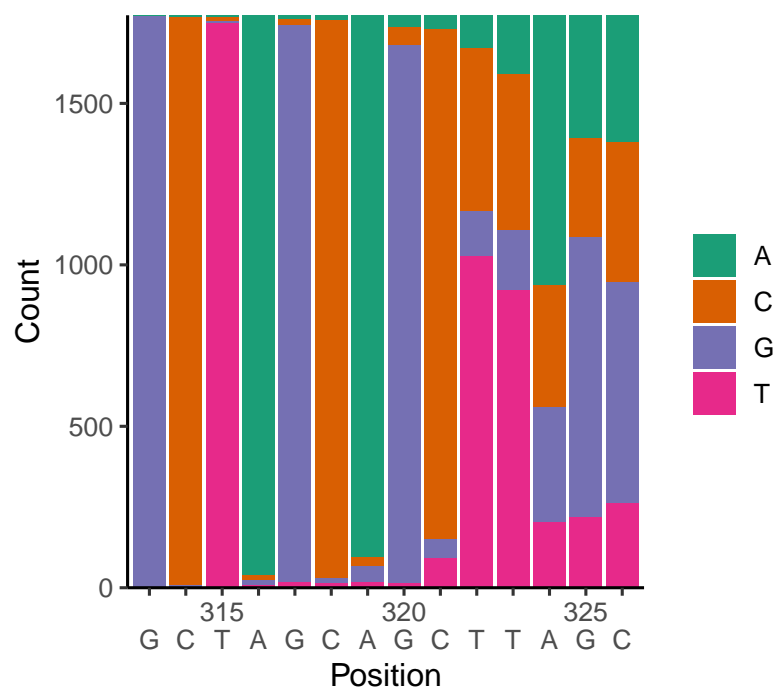


Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



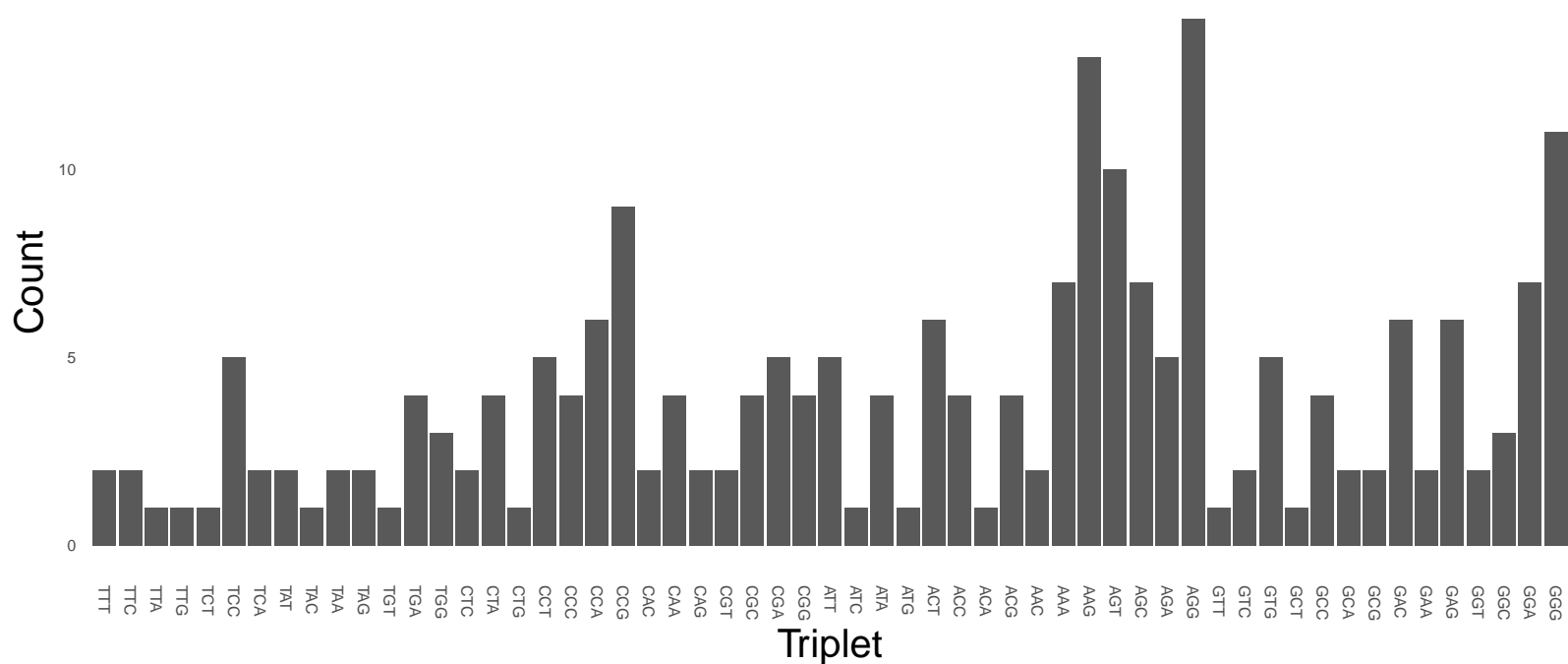
Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



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

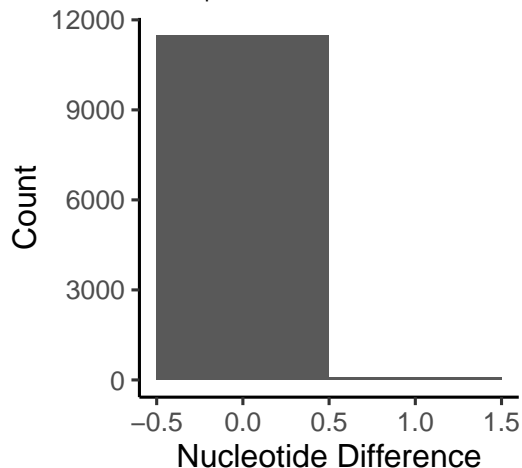


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



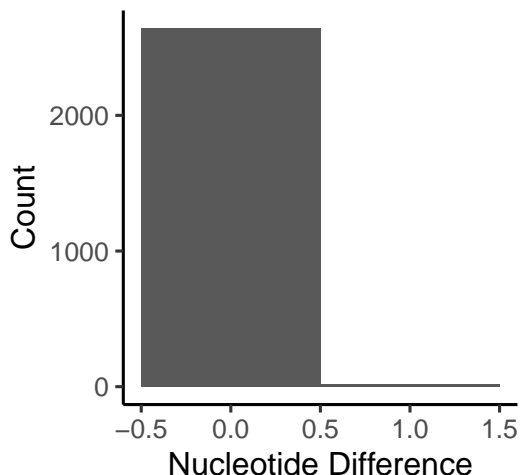
TRBV20-1*ap01

11589 sequences assigned
11490 (99.1%) exact matches, in which:
11369 unique CDR3
13 unique J



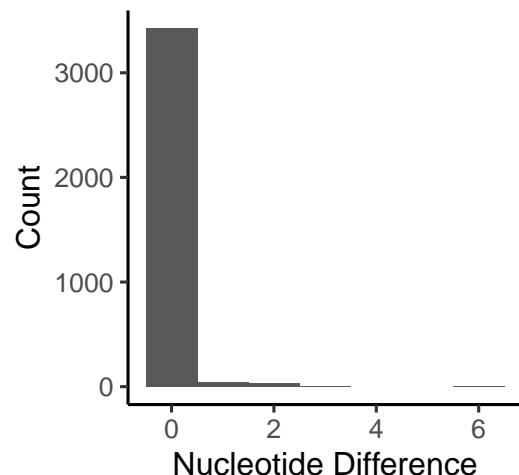
TRBV10-2*ap01

2657 sequences assigned
2641 (99.4%) exact matches, in which:
2608 unique CDR3
13 unique J



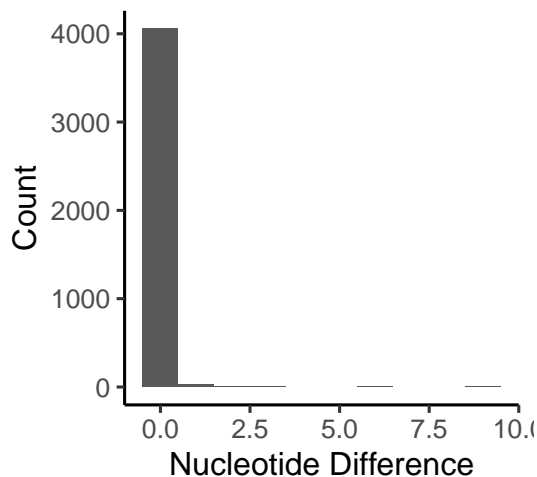
TRBV13*ap01

3502 sequences assigned
3424 (97.8%) exact matches, in which:
3345 unique CDR3
13 unique J



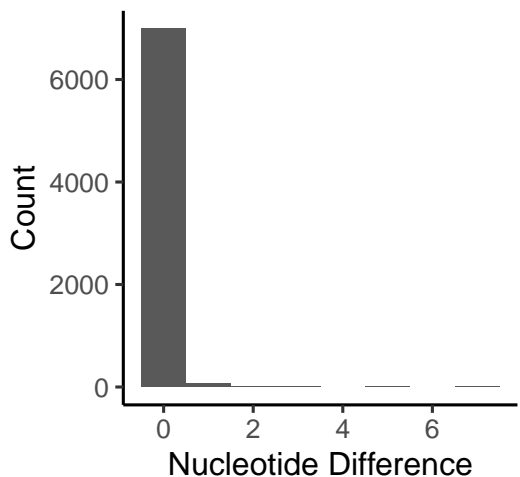
TRBV10-1*ap01

4092 sequences assigned
4057 (99.1%) exact matches, in which:
3995 unique CDR3
13 unique J



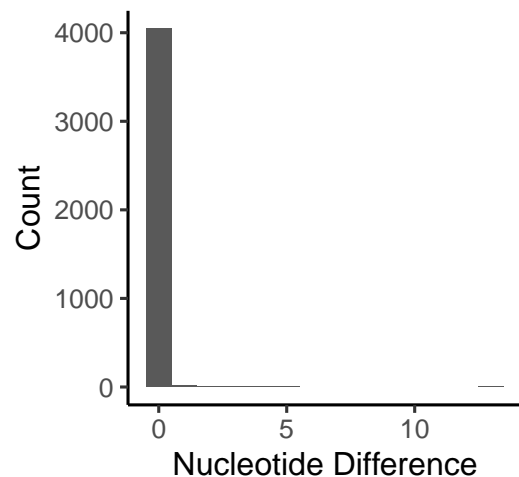
TRBV10-3*ap01

7070 sequences assigned
6991 (98.9%) exact matches, in which:
6906 unique CDR3
13 unique J



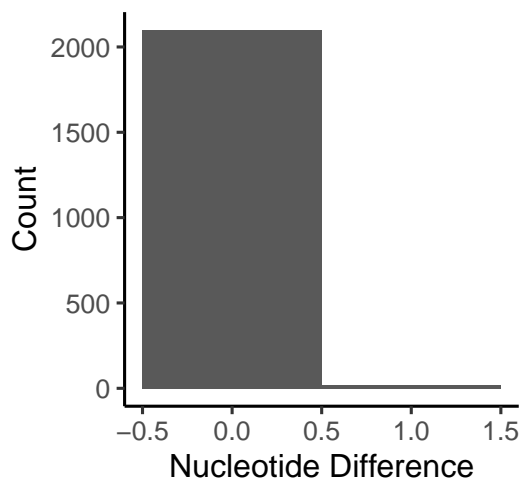
TRBV14*ap01

4069 sequences assigned
4045 (99.4%) exact matches, in which:
4016 unique CDR3
13 unique J



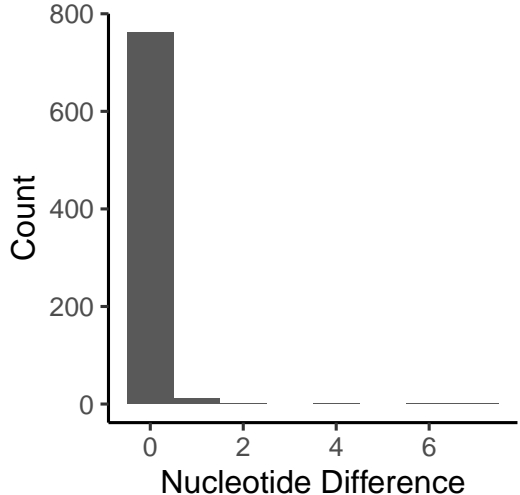
TRBV20-1*ap02

2118 sequences assigned
2099 (99.1%) exact matches, in which:
2087 unique CDR3
13 unique J



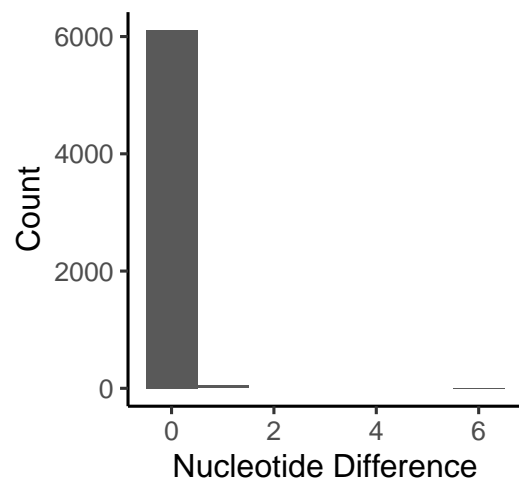
TRBV1*ap01

778 sequences assigned
762 (97.9%) exact matches, in which:
746 unique CDR3
13 unique J



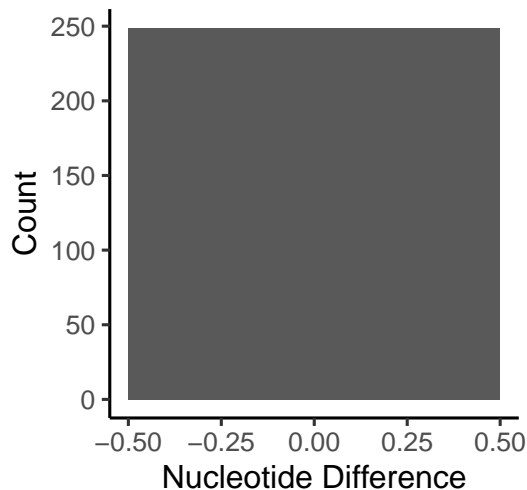
TRBV15*ap02

6162 sequences assigned
6111 (99.2%) exact matches, in which:
6020 unique CDR3
13 unique J



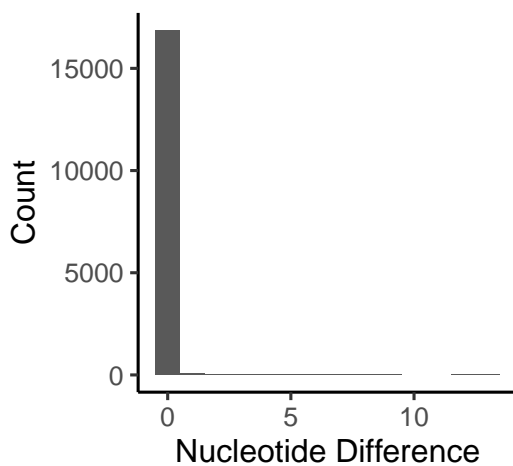
TRBV16*ap01

249 sequences assigned
249 (100%) exact matches, in which:
249 unique CDR3
12 unique J



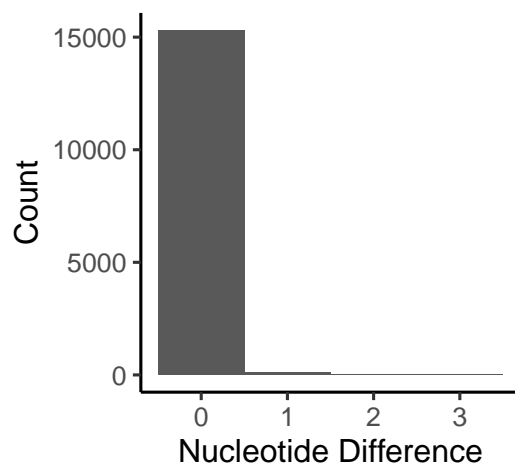
TRBV19*ap01

16989 sequences assigned
16870 (99.3%) exact matches, in which:
16800 unique CDR3
13 unique J



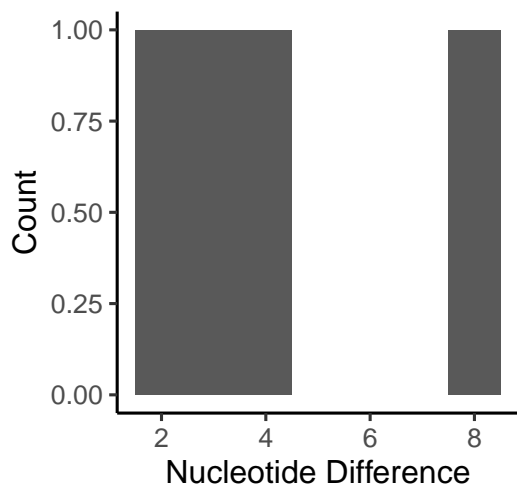
TRBV28*ap01

15405 sequences assigned
15310 (99.4%) exact matches, in which:
15165 unique CDR3
13 unique J



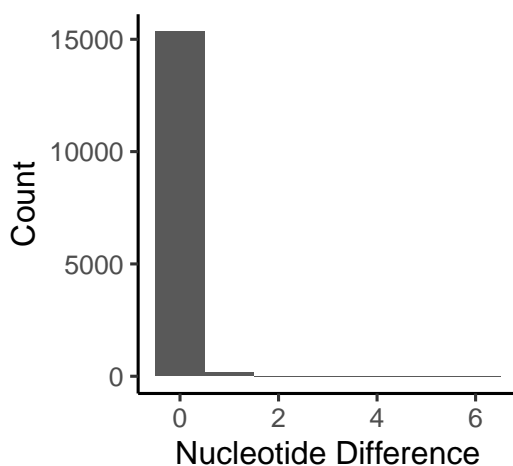
TRBV17*ap01

4 sequences assigned
No exact matches.



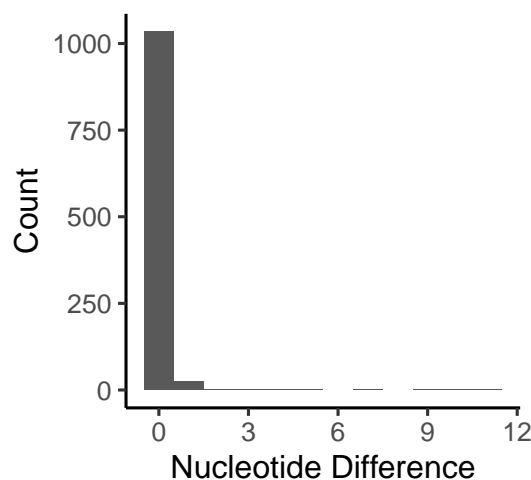
TRBV2*ap01

15536 sequences assigned
15348 (98.8%) exact matches, in which:
15089 unique CDR3
13 unique J



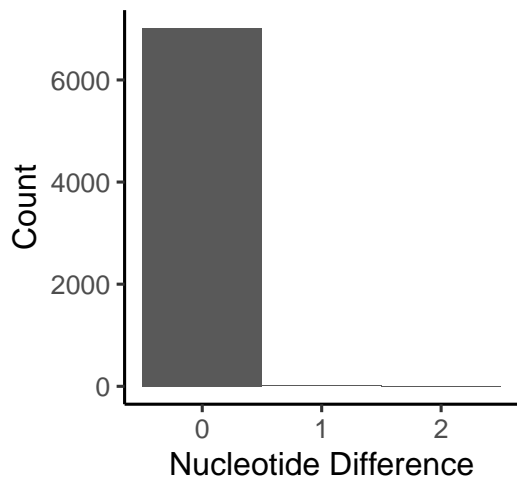
TRBV30*ap02

1070 sequences assigned
1034 (96.6%) exact matches, in which:
1019 unique CDR3
13 unique J



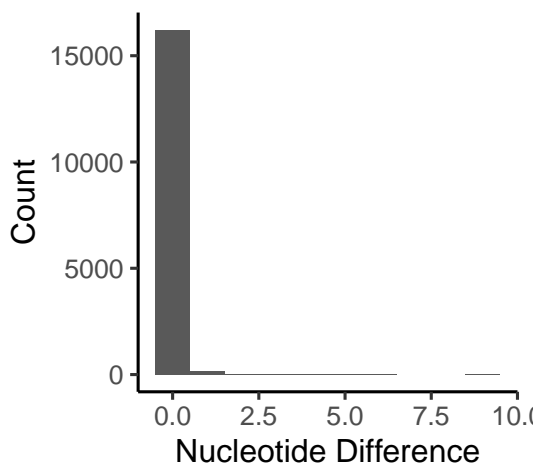
TRBV18*ap01

7032 sequences assigned
7016 (99.8%) exact matches, in which:
6985 unique CDR3
13 unique J



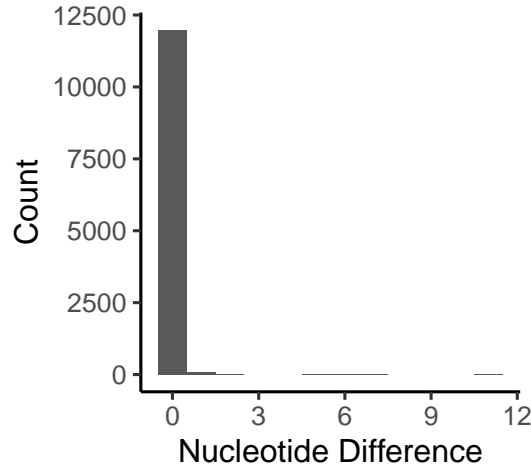
TRBV27*ap01

16394 sequences assigned
16219 (98.9%) exact matches, in which:
15945 unique CDR3
13 unique J



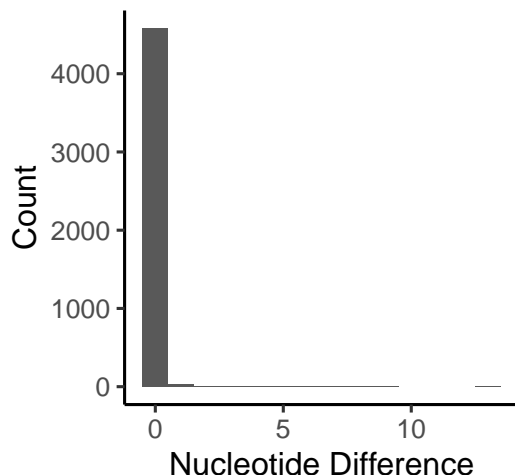
TRBV9*ap01

12083 sequences assigned
11986 (99.2%) exact matches, in which:
11864 unique CDR3
13 unique J



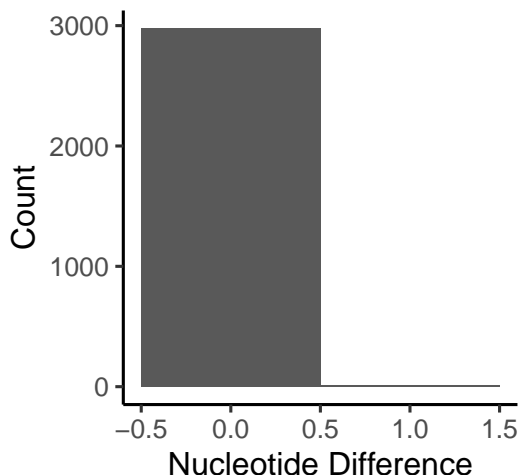
TRBV21-1*ap01

4640 sequences assigned
4579 (98.7%) exact matches, in which:
4557 unique CDR3
13 unique J



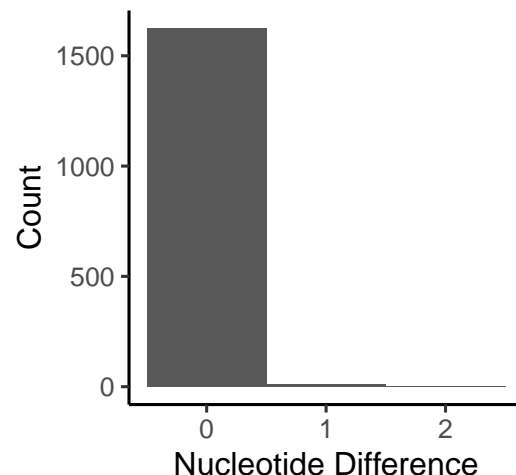
TRBV11-3*ap01

2991 sequences assigned
2977 (99.5%) exact matches, in which:
2956 unique CDR3
13 unique J



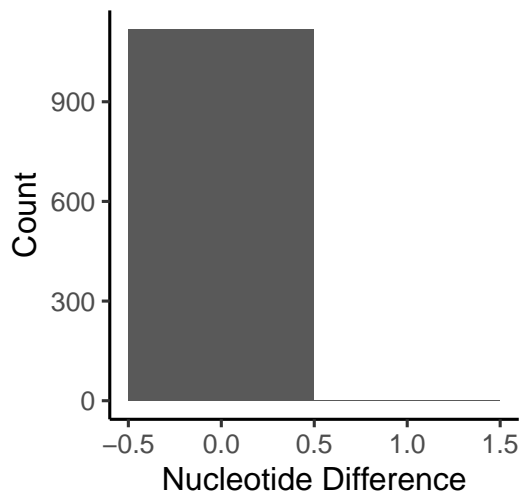
TRBV12-5*ap01

1636 sequences assigned
1624 (99.3%) exact matches, in which:
1611 unique CDR3
13 unique J



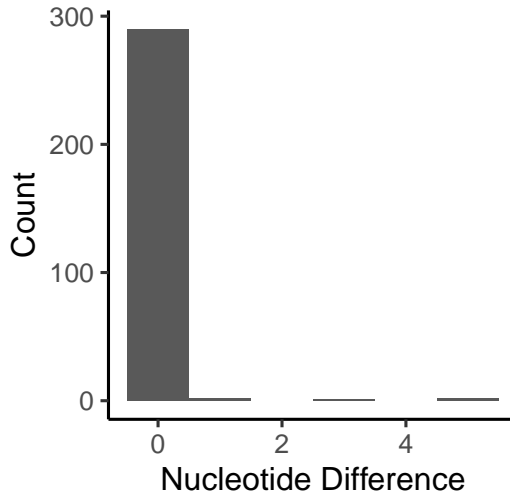
TRBV11-1*ap01

1121 sequences assigned
1119 (99.8%) exact matches, in which:
1111 unique CDR3
13 unique J



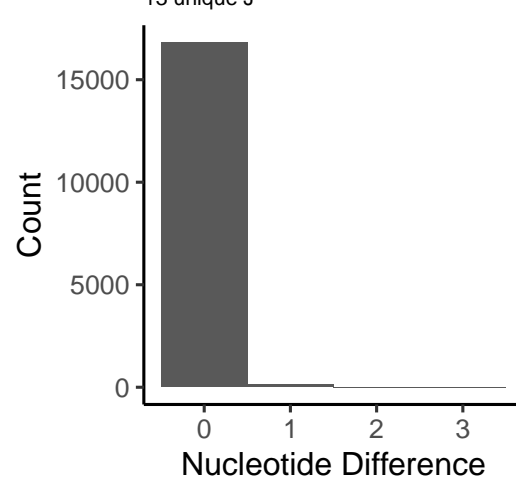
TRBV12-1*ap01

295 sequences assigned
290 (98.3%) exact matches, in which:
288 unique CDR3
13 unique J



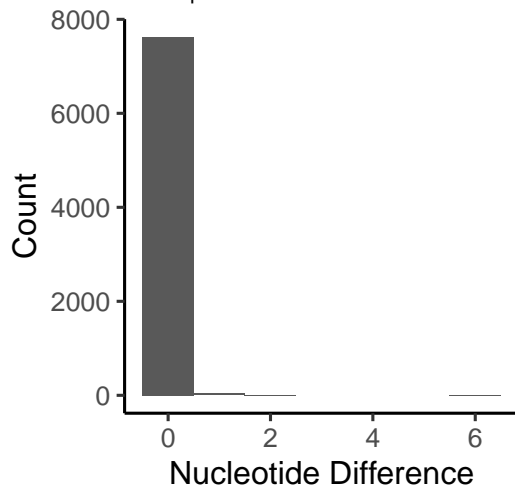
TRBV12-34*ap01

16950 sequences assigned
16816 (99.2%) exact matches, in which:
16597 unique CDR3
13 unique J



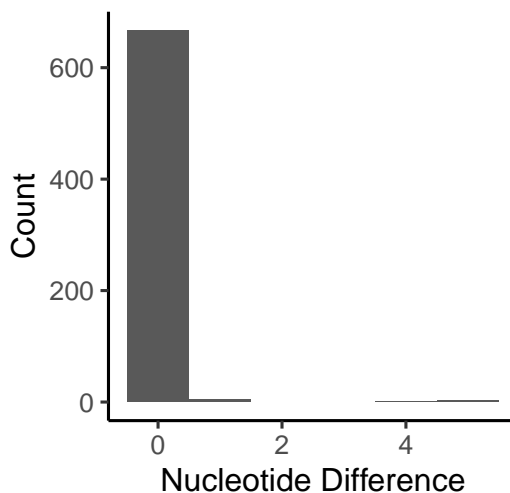
TRBV11-2*ap01

7666 sequences assigned
7623 (99.4%) exact matches, in which:
7573 unique CDR3
13 unique J



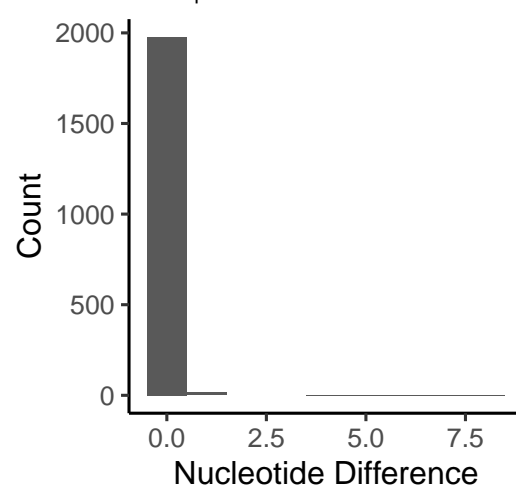
TRBV12-2*ap01

674 sequences assigned
667 (99%) exact matches, in which:
663 unique CDR3
13 unique J



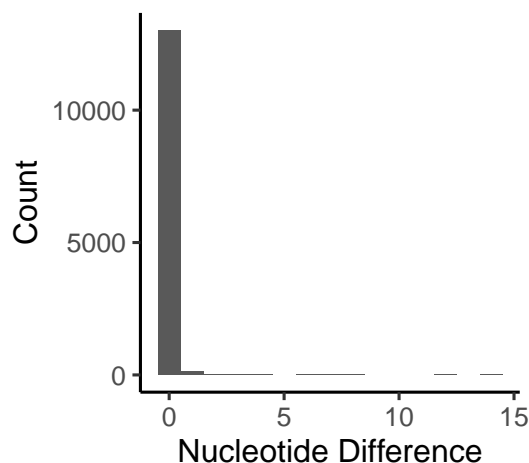
TRBV23-1*ap01

1999 sequences assigned
1977 (98.9%) exact matches, in which:
1964 unique CDR3
13 unique J



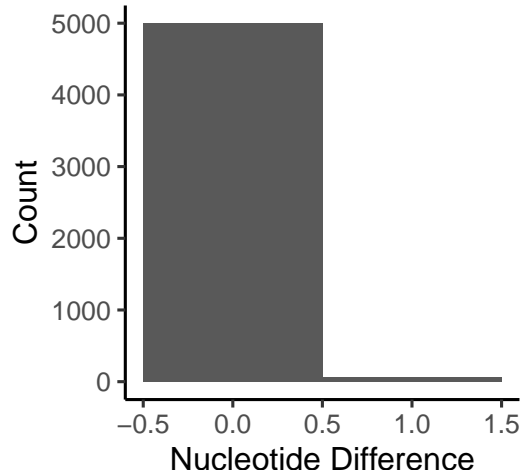
TRBV3-12*ap01

13171 sequences assigned
13020 (98.9%) exact matches, in which:
12831 unique CDR3
13 unique J



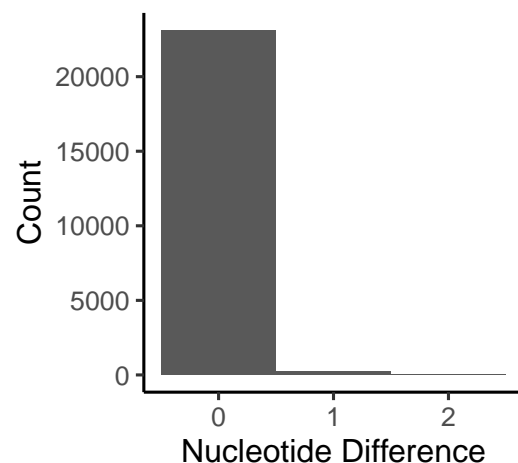
TRBV4-2*ap01

5054 sequences assigned
4997 (98.9%) exact matches, in which:
4920 unique CDR3
13 unique J



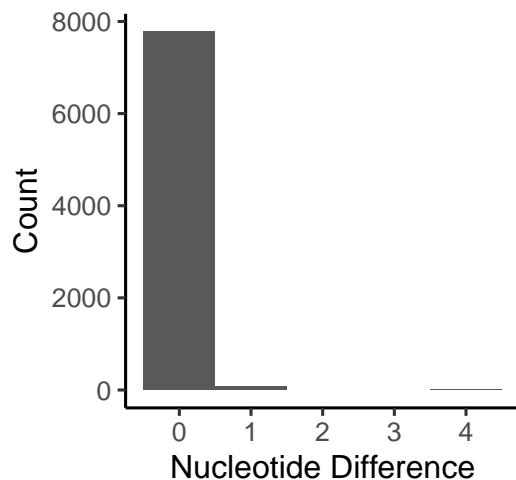
TRBV5-1*ap01

23327 sequences assigned
23118 (99.1%) exact matches, in which:
22632 unique CDR3
13 unique J



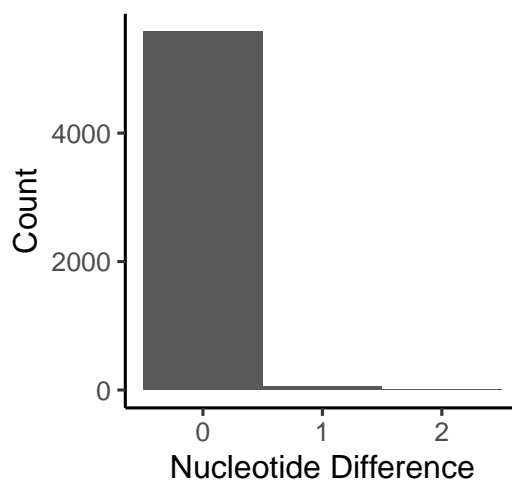
TRBV4-1*ap01

7848 sequences assigned
7777 (99.1%) exact matches, in which:
7620 unique CDR3
13 unique J



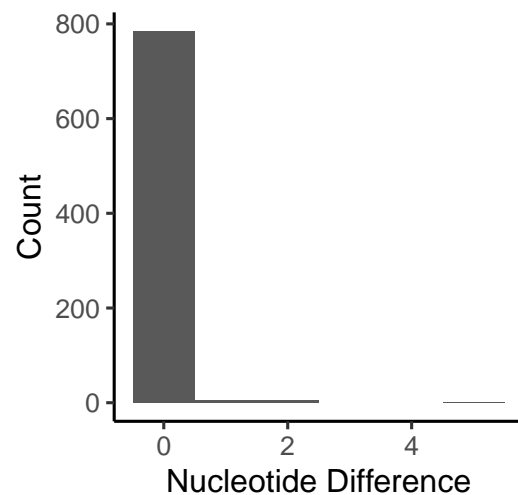
TRBV4-3*ap01

5633 sequences assigned
5579 (99%) exact matches, in which:
5508 unique CDR3
13 unique J



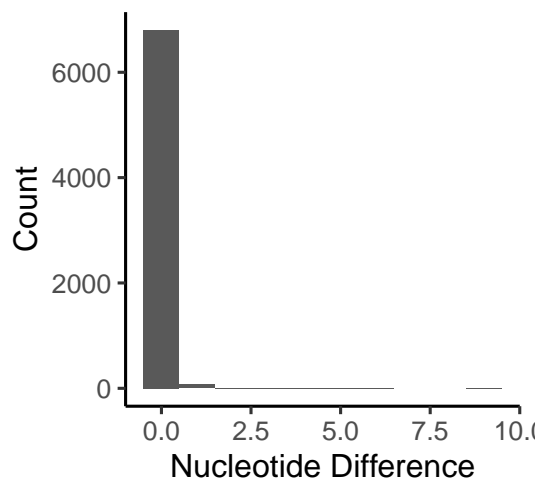
TRBV5-3*ap01

798 sequences assigned
785 (98.4%) exact matches, in which:
776 unique CDR3
13 unique J



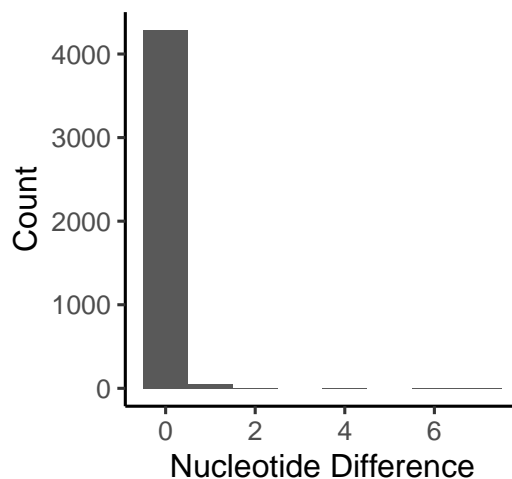
TRBV24-1*ap01

6890 sequences assigned
6802 (98.7%) exact matches, in which:
6698 unique CDR3
13 unique J



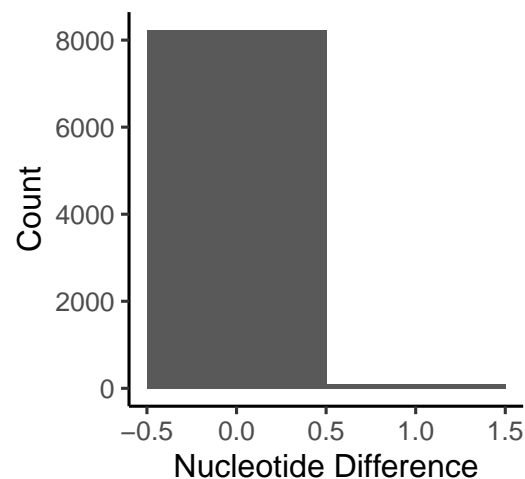
TRBV25-1*ap01

4348 sequences assigned
4287 (98.6%) exact matches, in which:
4183 unique CDR3
13 unique J



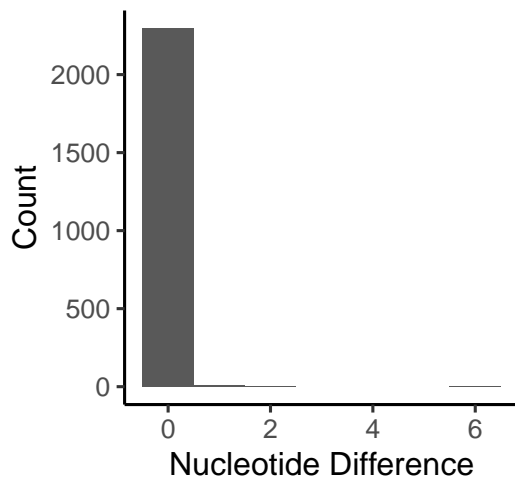
TRBV5-4*ap01

8328 sequences assigned
8231 (98.8%) exact matches, in which:
8133 unique CDR3
13 unique J



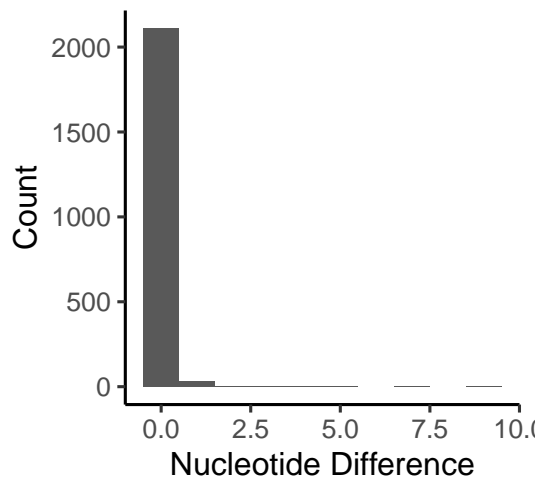
TRBV5-5*ap01

2310 sequences assigned
2296 (99.4%) exact matches, in which:
2279 unique CDR3
13 unique J



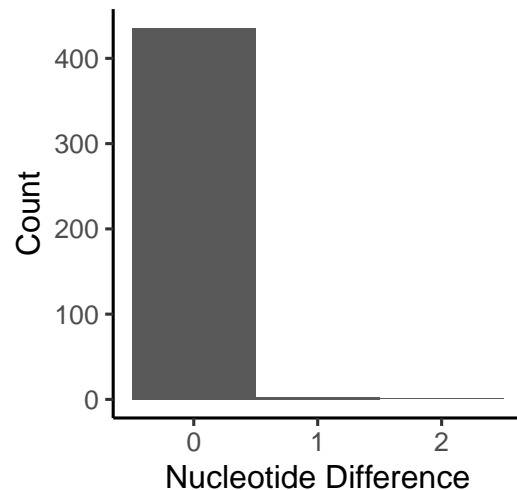
TRBV5-8*ap01

2150 sequences assigned
2110 (98.1%) exact matches, in which:
2091 unique CDR3
13 unique J



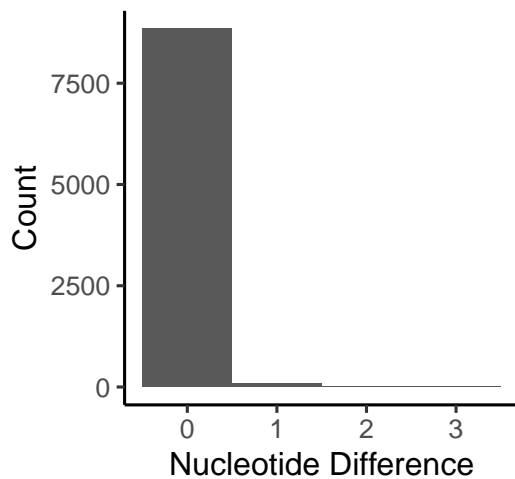
TRBV6-7*ap01

440 sequences assigned
436 (99.1%) exact matches, in which:
427 unique CDR3
13 unique J



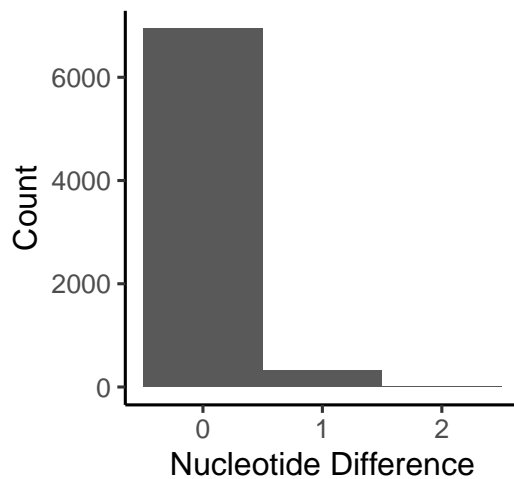
TRBV5-6*ap01

8927 sequences assigned
8846 (99.1%) exact matches, in which:
8629 unique CDR3
13 unique J



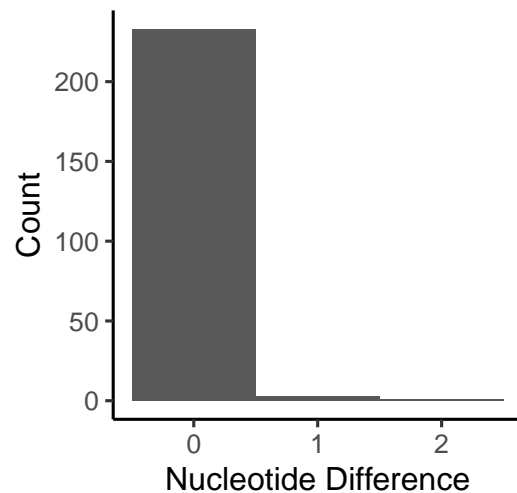
TRBV6-1*ap01

7254 sequences assigned
6941 (95.7%) exact matches, in which:
6801 unique CDR3
13 unique J



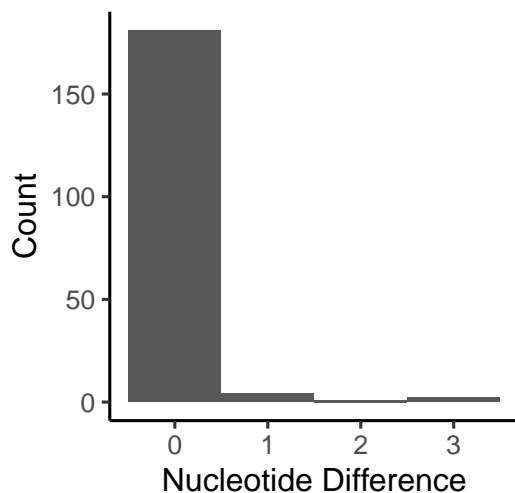
TRBV6-8*ap01

237 sequences assigned
233 (98.3%) exact matches, in which:
226 unique CDR3
13 unique J



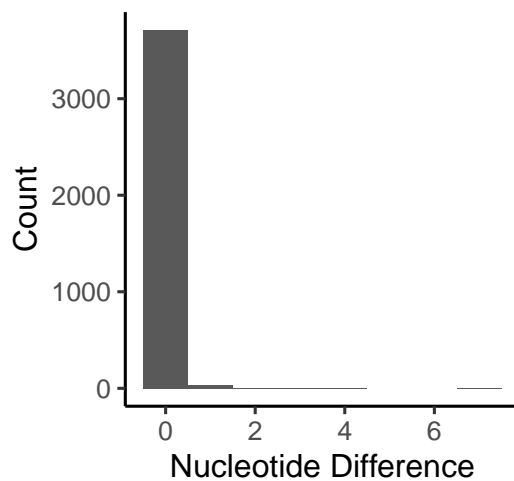
TRBV5-7*ap01

188 sequences assigned
181 (96.3%) exact matches, in which:
178 unique CDR3
13 unique J



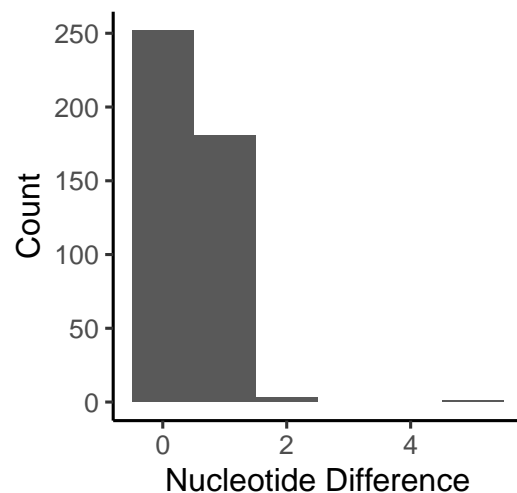
TRBV6-4*ap01

3751 sequences assigned
3711 (98.9%) exact matches, in which:
3676 unique CDR3
13 unique J



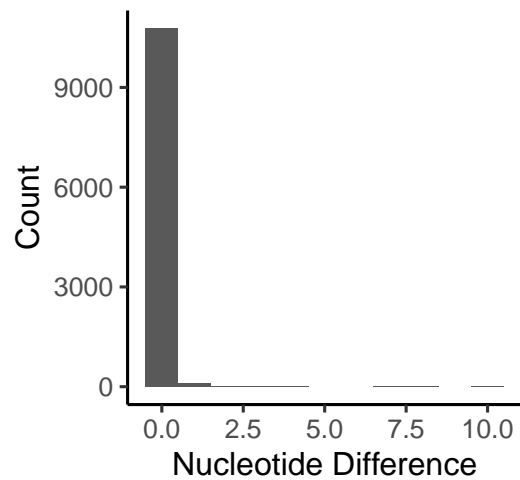
TRBV6-9*ap01

437 sequences assigned
252 (57.7%) exact matches, in which:
249 unique CDR3
13 unique J



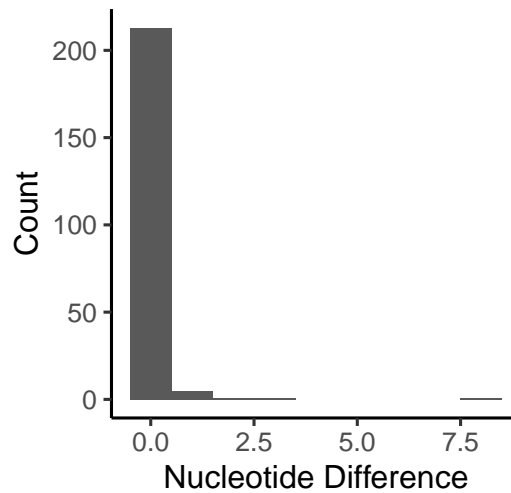
TRBV6-23*ap01

10888 sequences assigned
10775 (99%) exact matches, in which:
10549 unique CDR3
13 unique J



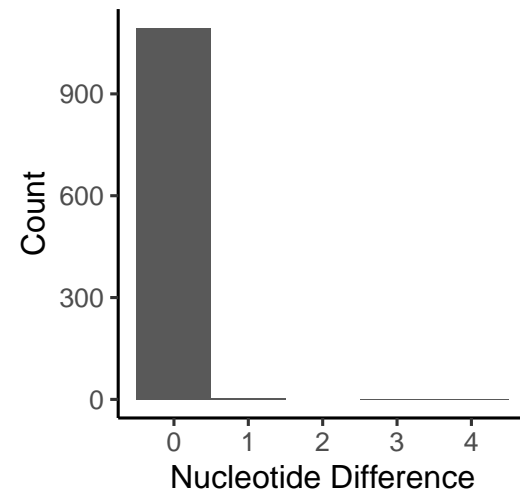
TRBV7-1*ap01_G291C_

221 sequences assigned
213 (96.4%) exact matches, in which:
212 unique CDR3
13 unique J



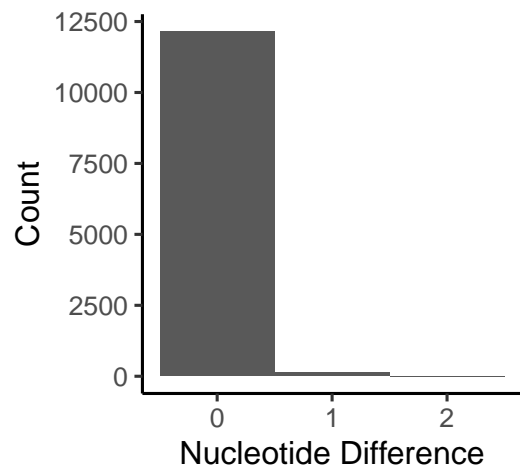
TRBV7-3*ap03

1102 sequences assigned
1095 (99.4%) exact matches, in which:
1084 unique CDR3
13 unique J



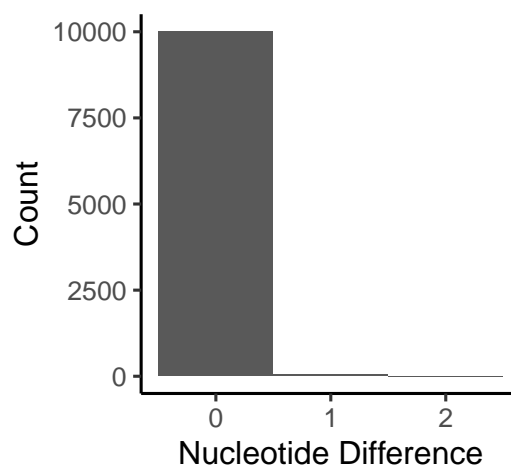
TRBV6-56*ap01

12291 sequences assigned
12150 (98.9%) exact matches, in which:
11897 unique CDR3
13 unique J



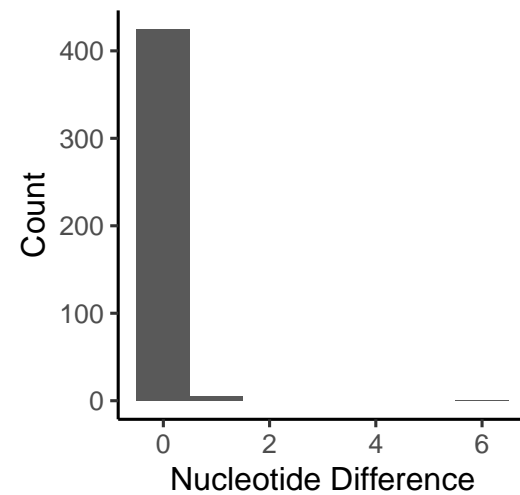
TRBV7-2*ap01

10059 sequences assigned
10009 (99.5%) exact matches, in which:
9929 unique CDR3
13 unique J



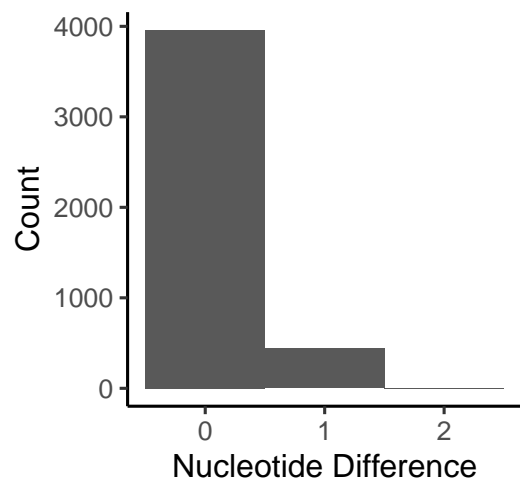
TRBV7-4*ap01

431 sequences assigned
425 (98.6%) exact matches, in which:
418 unique CDR3
13 unique J



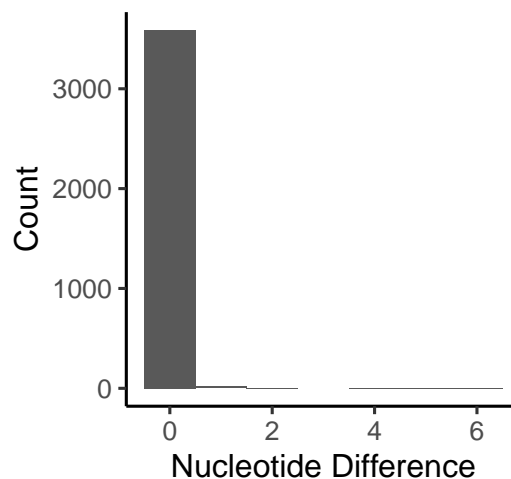
TRBV6-56*ap02

4403 sequences assigned
3959 (89.9%) exact matches, in which:
3881 unique CDR3
13 unique J



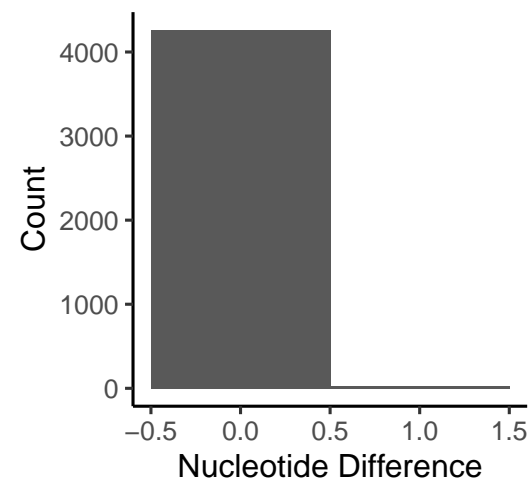
TRBV7-3*ap01

3612 sequences assigned
3588 (99.3%) exact matches, in which:
3568 unique CDR3
13 unique J



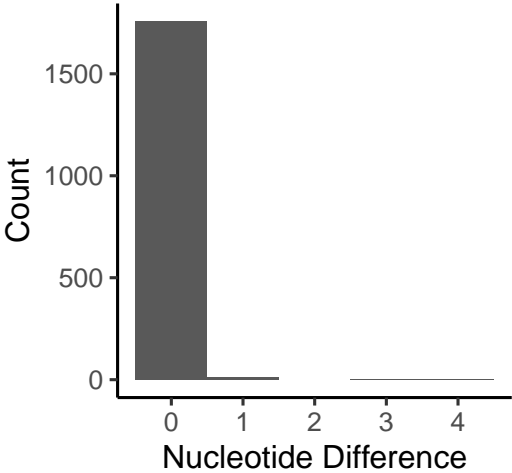
TRBV7-6*ap01

4290 sequences assigned
4261 (99.3%) exact matches, in which:
4219 unique CDR3
13 unique J



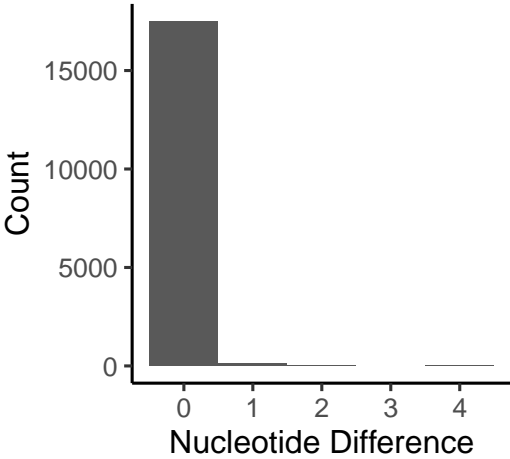
TRBV7-7*ap01_C315T

1773 sequences assigned
1757 (99.1%) exact matches, in which:
1744 unique CDR3
13 unique J



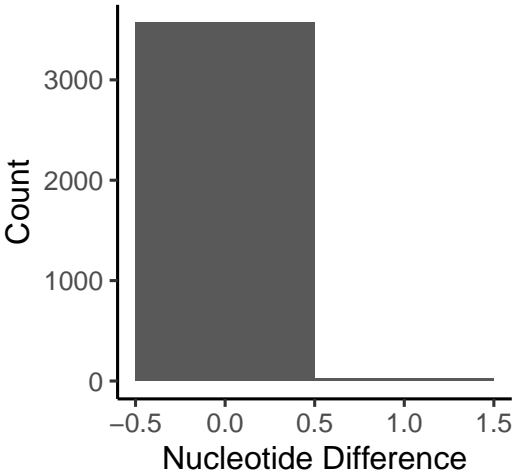
TRBV7-9*ap01

17648 sequences assigned
17508 (99.2%) exact matches, in which:
17331 unique CDR3
13 unique J



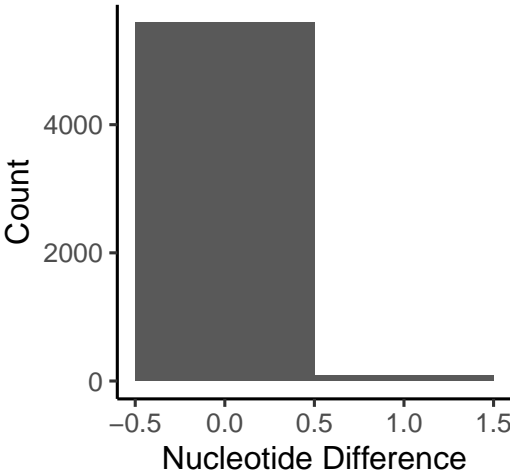
TRBV7-8*ap01

3597 sequences assigned
3569 (99.2%) exact matches, in which:
3516 unique CDR3
13 unique J



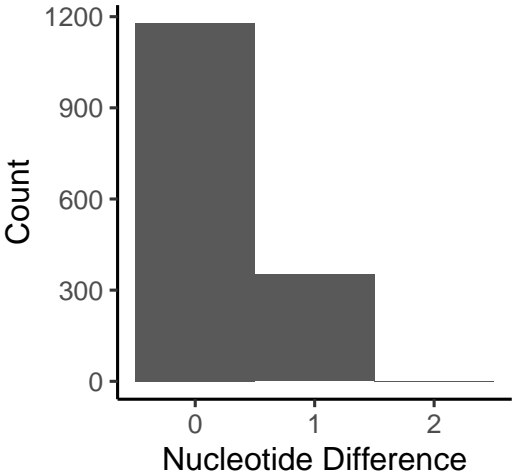
TRBV29-1*ap01

5681 sequences assigned
5591 (98.4%) exact matches, in which:
5437 unique CDR3
13 unique J



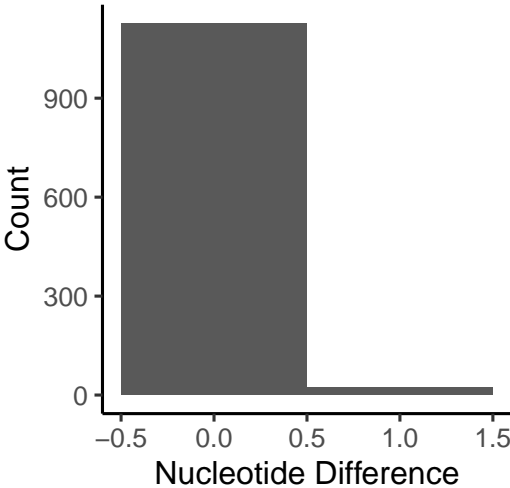
TRBV7-8*ap03

1532 sequences assigned
1179 (77%) exact matches, in which:
1166 unique CDR3
13 unique J

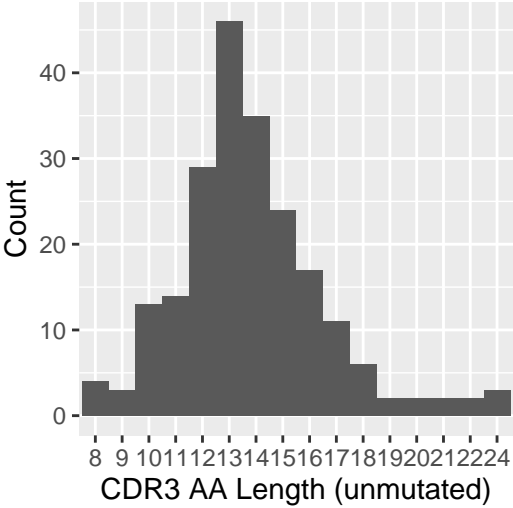


TRBV29-1*ap02

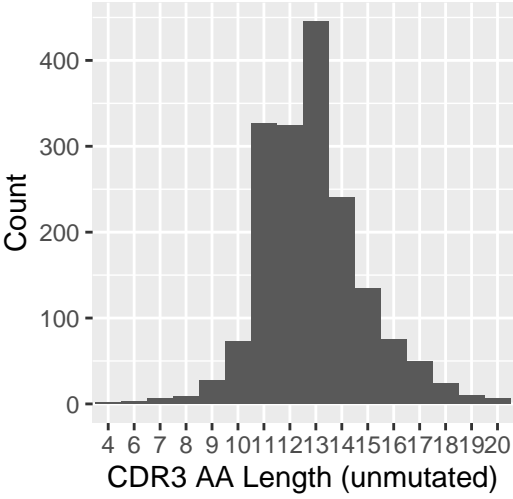
1149 sequences assigned
1127 (98.1%) exact matches, in which:
1100 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.