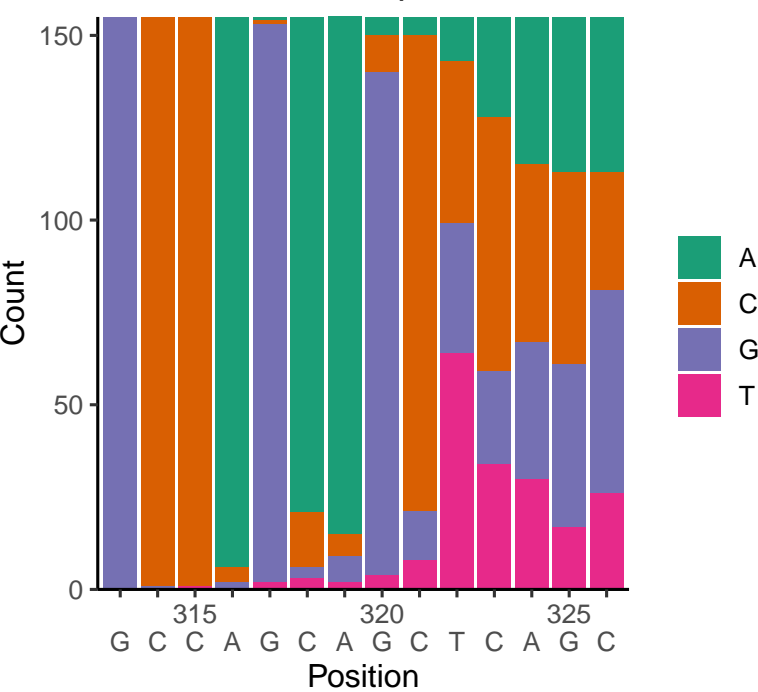
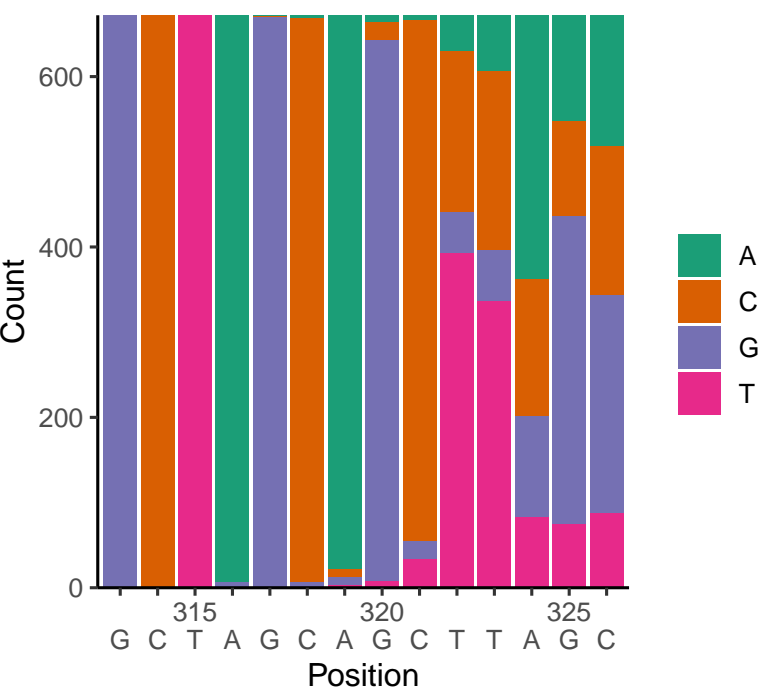


Gene TRBV7-1*ap01_T296C



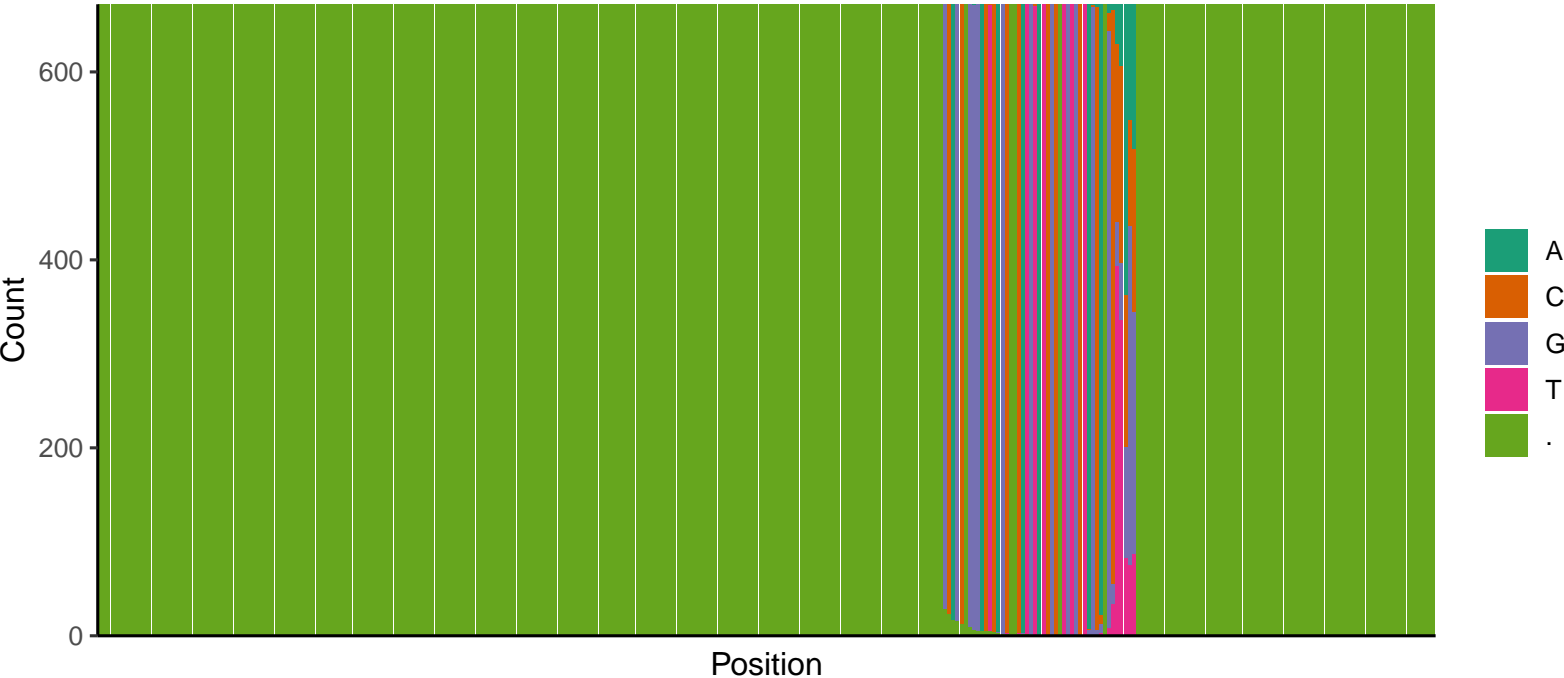
Gene TRBV7-7*ap01_C315T



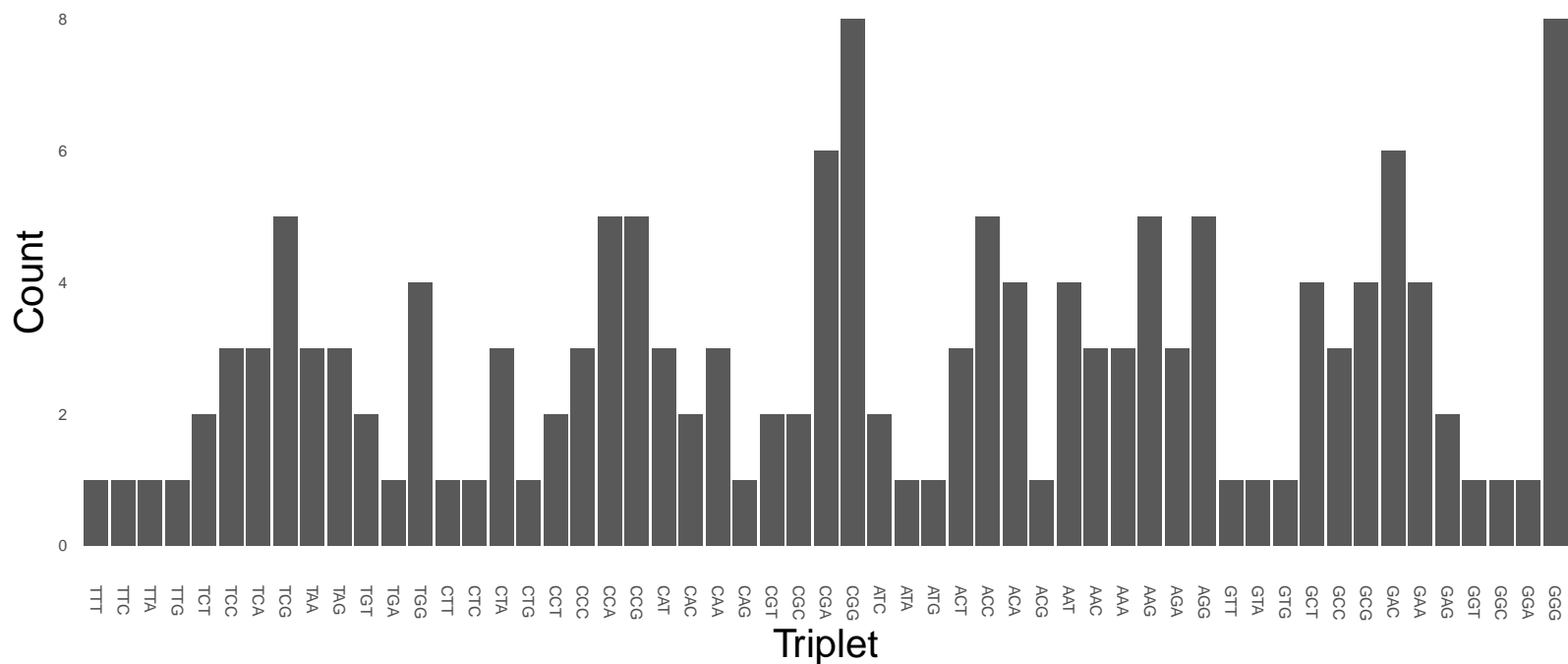
Gene TRBV7-1*ap01_T296C



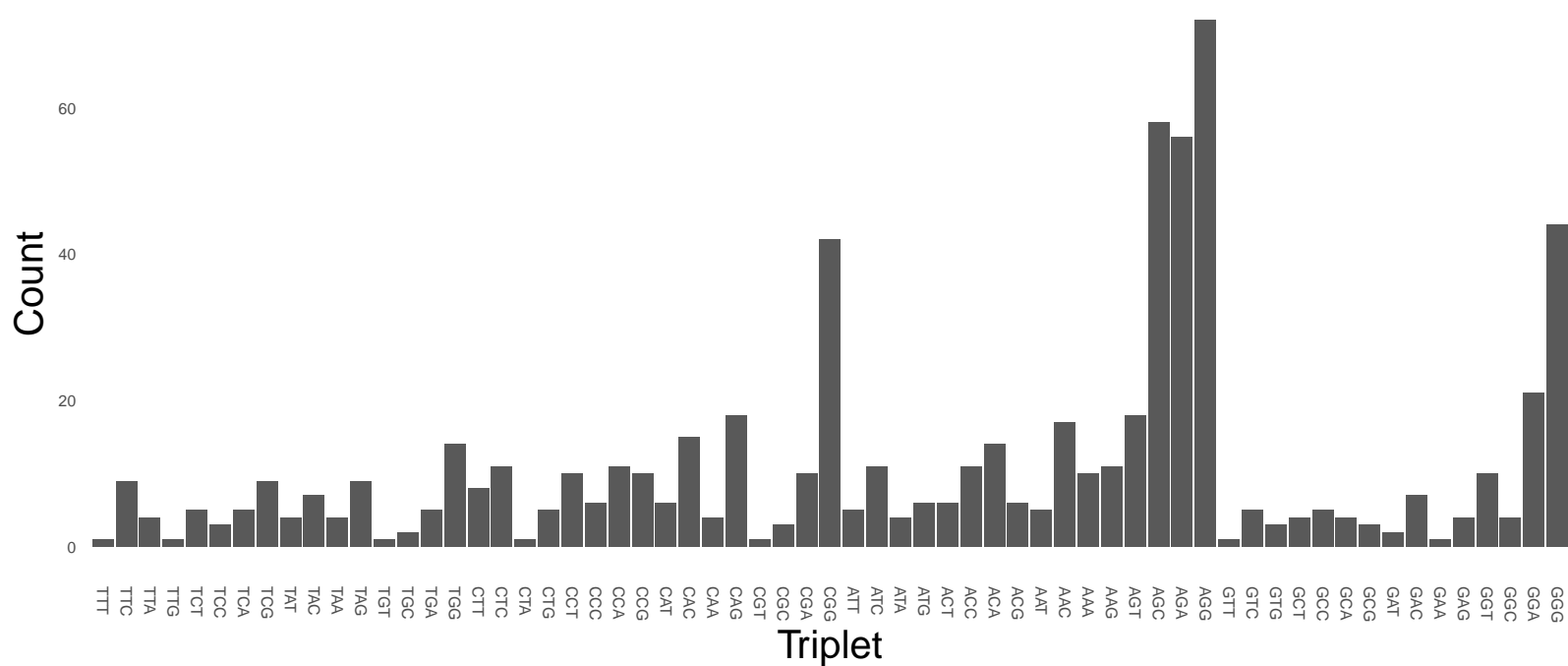
Gene TRBV7-7*ap01_C315T



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

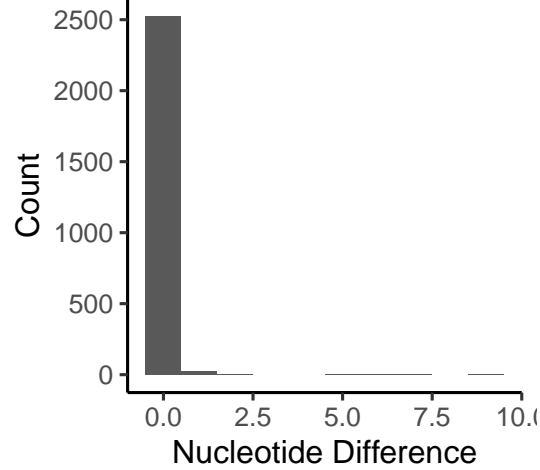


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



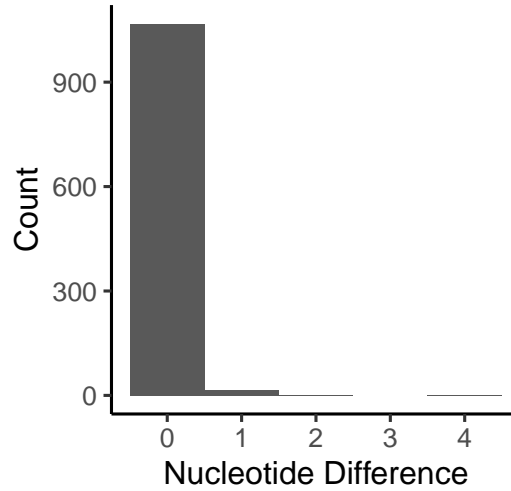
TRBV10-1*ap01

2557 sequences assigned
2523 (98.7%) exact matches, in which:
2445 unique CDR3
13 unique J



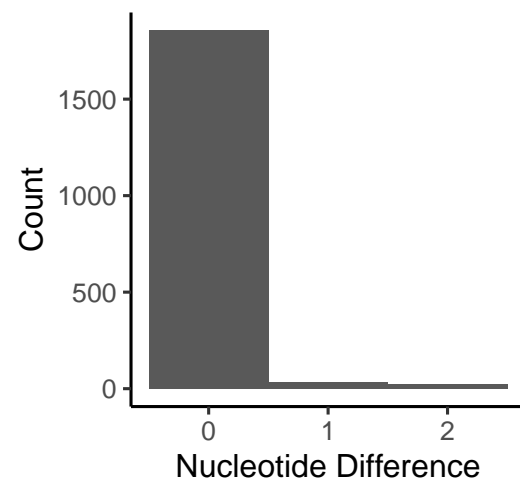
TRBV10-2*ap01

1087 sequences assigned
1068 (98.3%) exact matches, in which:
1043 unique CDR3
13 unique J



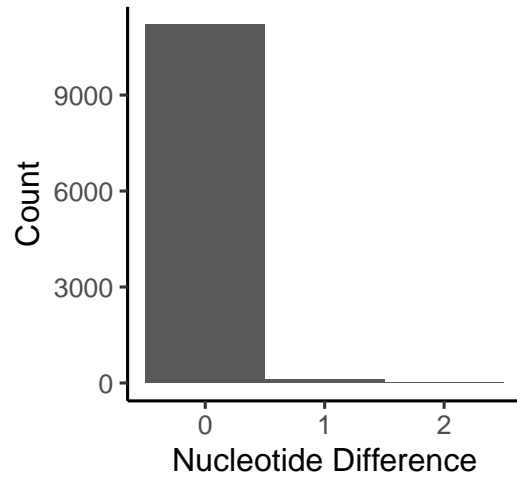
TRBV13*ap01

1913 sequences assigned
1856 (97%) exact matches, in which:
1793 unique CDR3
13 unique J



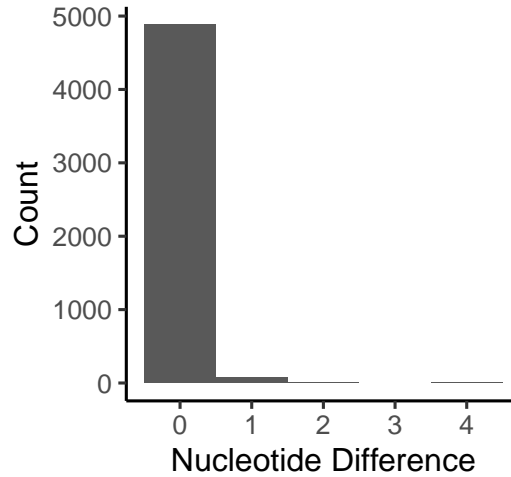
TRBV20-1*ap01

11312 sequences assigned
11199 (99%) exact matches, in which:
11002 unique CDR3
13 unique J



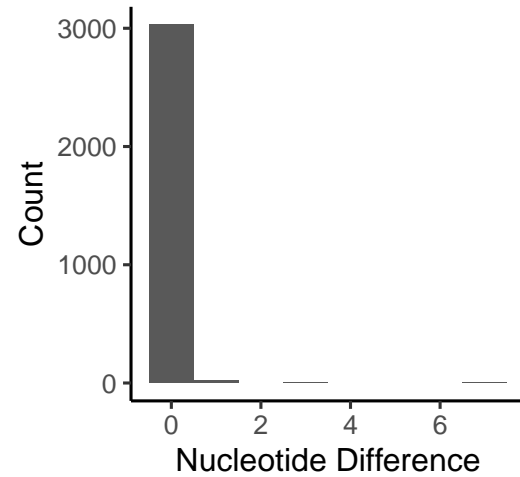
TRBV10-3*ap01

4968 sequences assigned
4882 (98.3%) exact matches, in which:
4783 unique CDR3
13 unique J



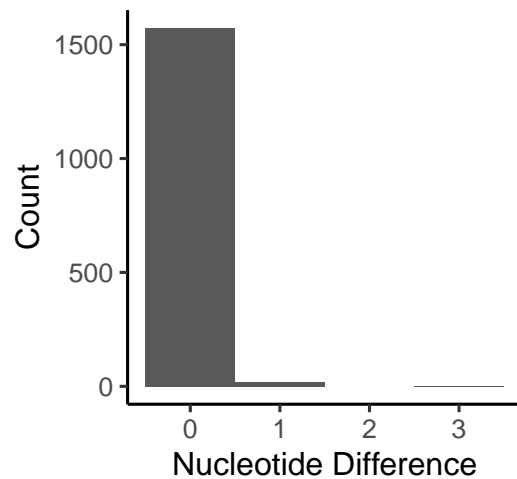
TRBV14*ap01

3057 sequences assigned
3030 (99.1%) exact matches, in which:
2983 unique CDR3
13 unique J



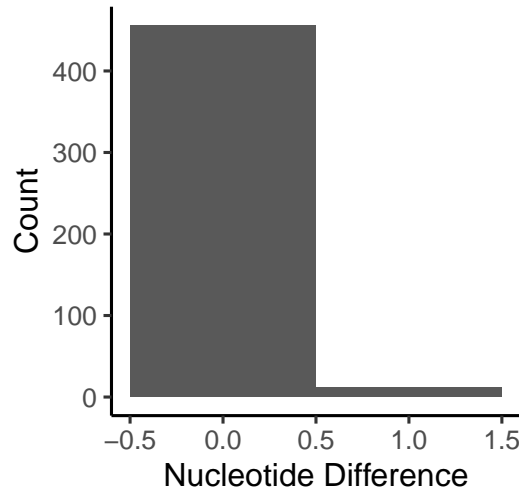
TRBV20-1*ap02

1593 sequences assigned
1573 (98.7%) exact matches, in which:
1545 unique CDR3
13 unique J



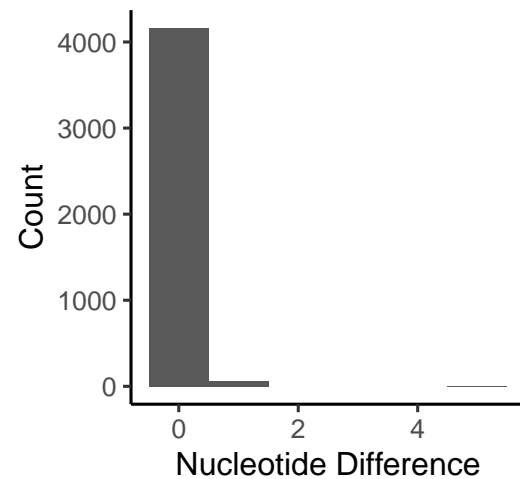
TRBV1*ap01

468 sequences assigned
456 (97.4%) exact matches, in which:
443 unique CDR3
13 unique J



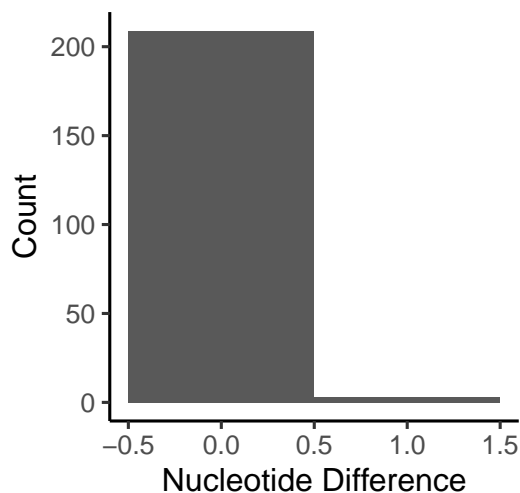
TRBV15*ap02

4227 sequences assigned
4162 (98.5%) exact matches, in which:
4075 unique CDR3
13 unique J



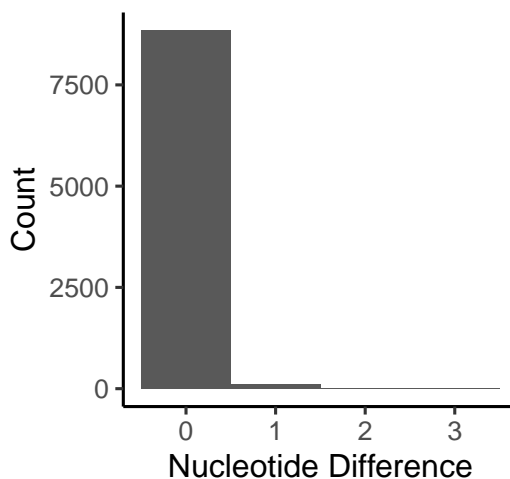
TRBV16*ap01

212 sequences assigned
209 (98.6%) exact matches, in which:
206 unique CDR3
13 unique J



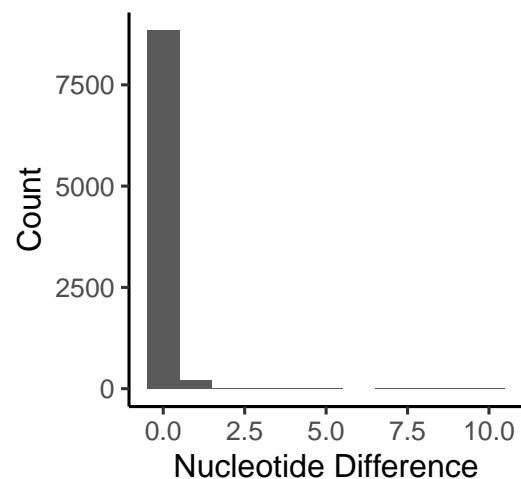
TRBV2*ap01

8957 sequences assigned
8845 (98.7%) exact matches, in which:
8670 unique CDR3
13 unique J



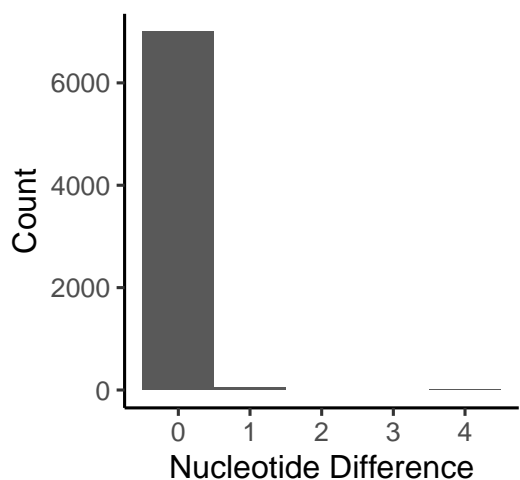
TRBV30*ap01

9066 sequences assigned
8844 (97.6%) exact matches, in which:
8632 unique CDR3
13 unique J



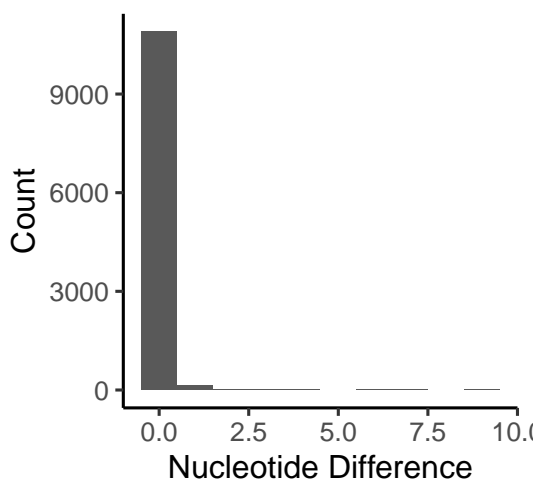
TRBV18*ap01

7044 sequences assigned
6999 (99.4%) exact matches, in which:
6944 unique CDR3
13 unique J



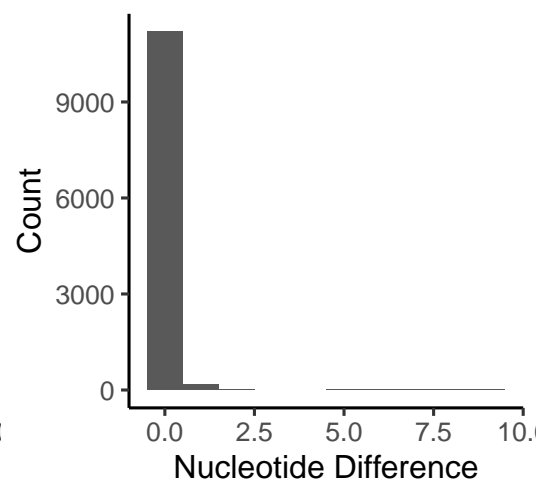
TRBV27*ap01

11031 sequences assigned
10895 (98.8%) exact matches, in which:
10701 unique CDR3
13 unique J



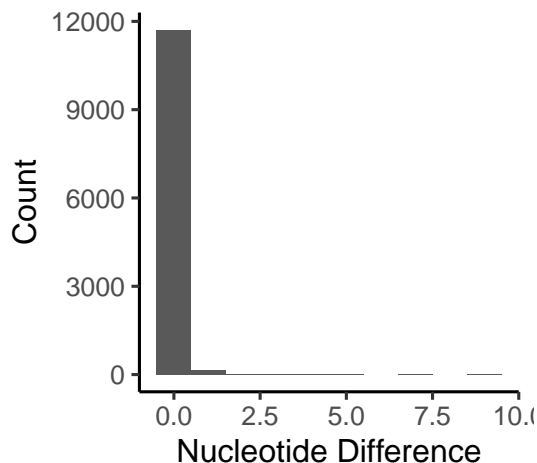
TRBV9*ap01

11369 sequences assigned
11195 (98.5%) exact matches, in which:
11053 unique CDR3
13 unique J



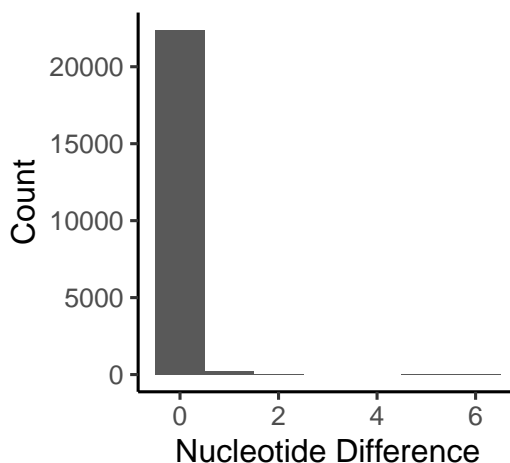
TRBV19*ap01

11887 sequences assigned
11714 (98.5%) exact matches, in which:
11591 unique CDR3
13 unique J



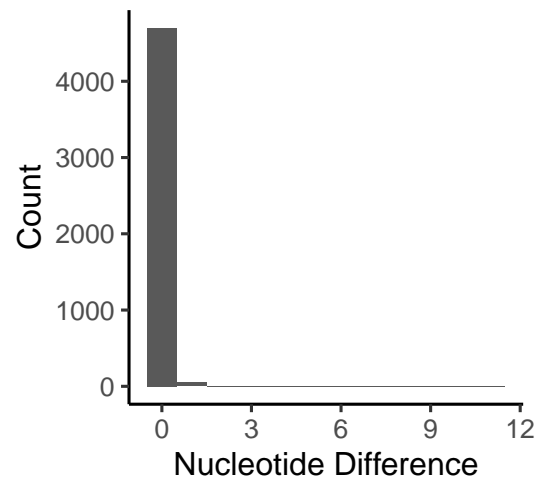
TRBV28*ap01

22643 sequences assigned
22400 (98.9%) exact matches, in which:
22078 unique CDR3
13 unique J



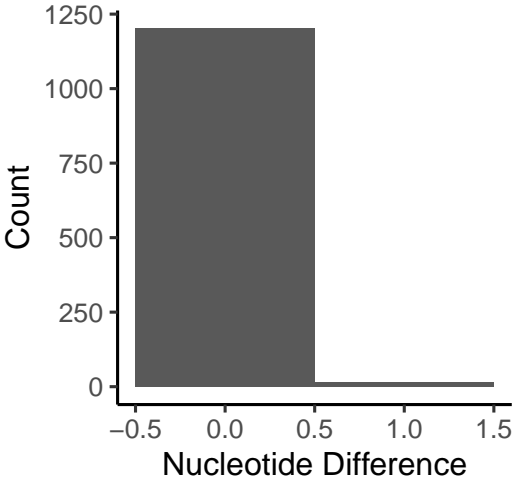
TRBV21-1*ap01

4776 sequences assigned
4698 (98.4%) exact matches, in which:
4655 unique CDR3
13 unique J



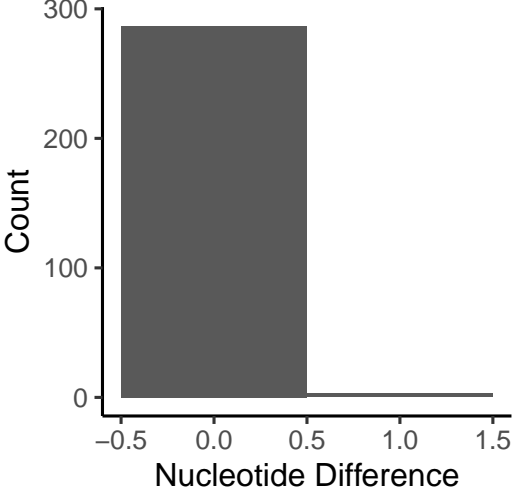
TRBV11-1*ap01

1216 sequences assigned
1202 (98.8%) exact matches, in which:
1177 unique CDR3
13 unique J



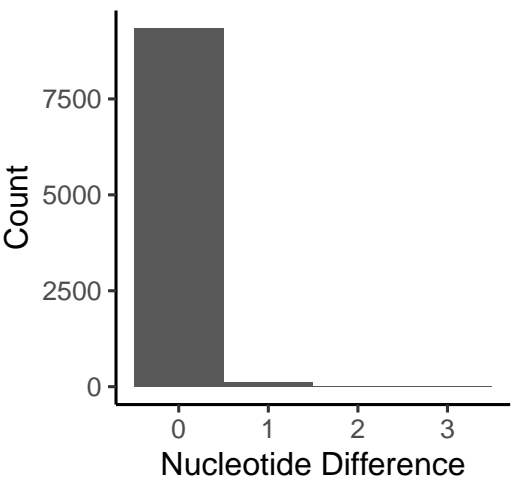
TRBV12-1*ap01

290 sequences assigned
287 (99%) exact matches, in which:
281 unique CDR3
13 unique J



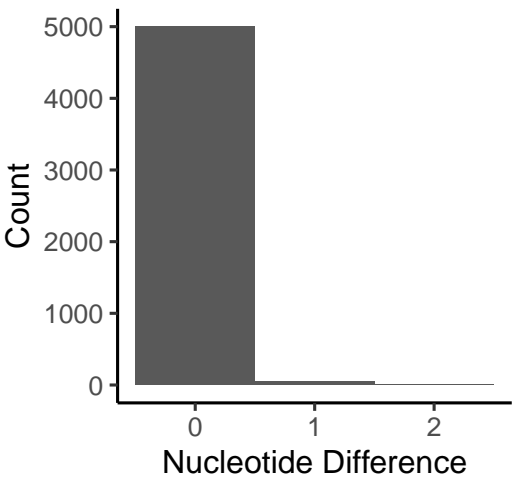
TRBV12-34*ap01

9447 sequences assigned
9338 (98.8%) exact matches, in which:
9166 unique CDR3
13 unique J



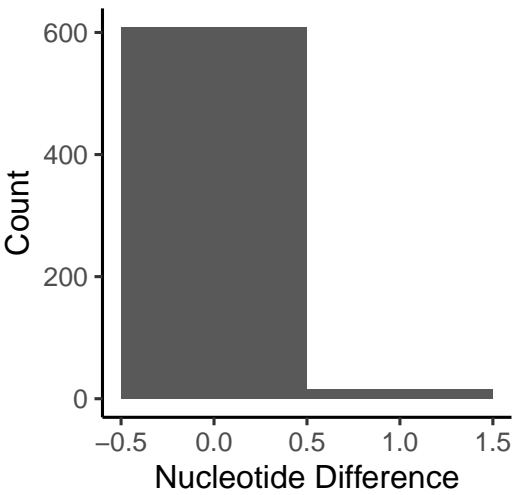
TRBV11-2*ap01

5050 sequences assigned
4999 (99%) exact matches, in which:
4940 unique CDR3
13 unique J



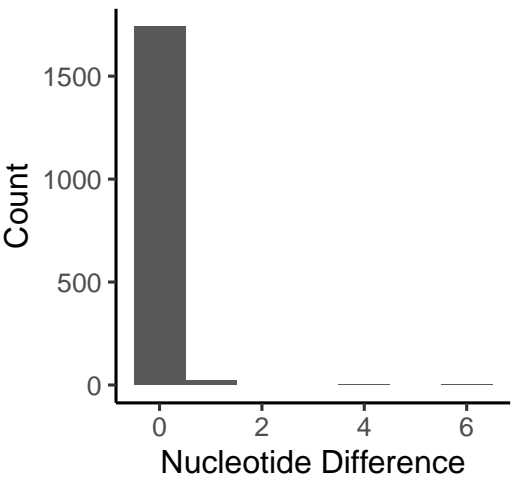
TRBV12-2*ap01

624 sequences assigned
609 (97.6%) exact matches, in which:
598 unique CDR3
13 unique J



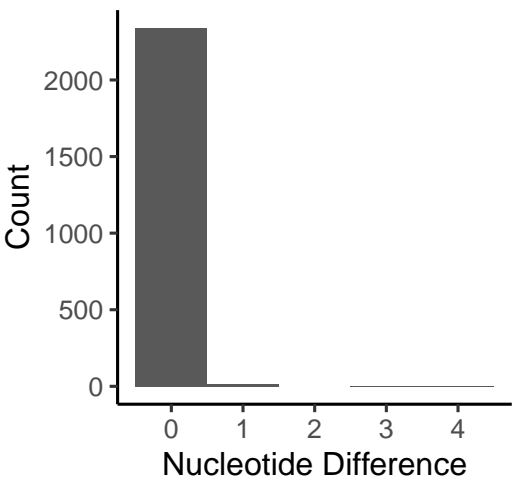
TRBV23-1*ap01

1764 sequences assigned
1740 (98.6%) exact matches, in which:
1722 unique CDR3
13 unique J



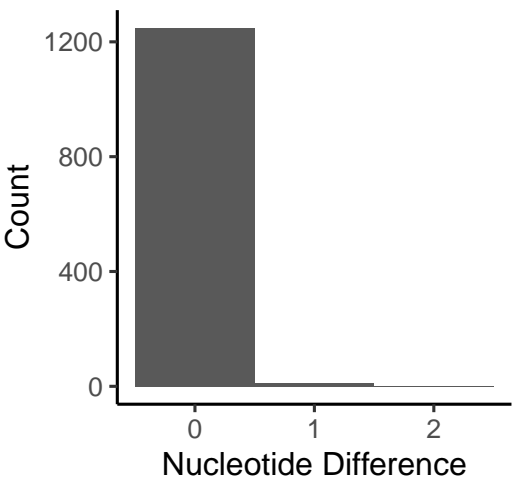
TRBV11-3*ap01

2359 sequences assigned
2339 (99.2%) exact matches, in which:
2306 unique CDR3
13 unique J



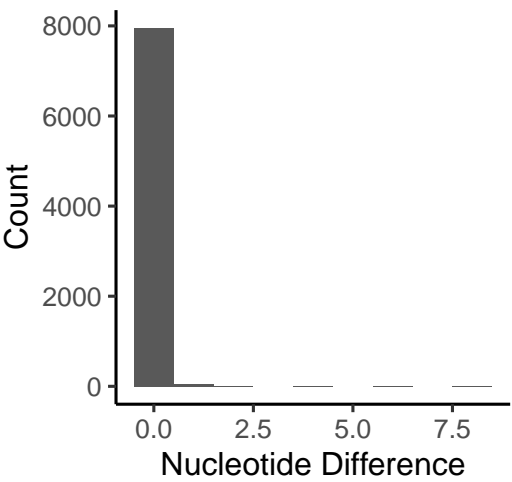
TRBV12-5*ap01

1260 sequences assigned
1248 (99%) exact matches, in which:
1227 unique CDR3
13 unique J



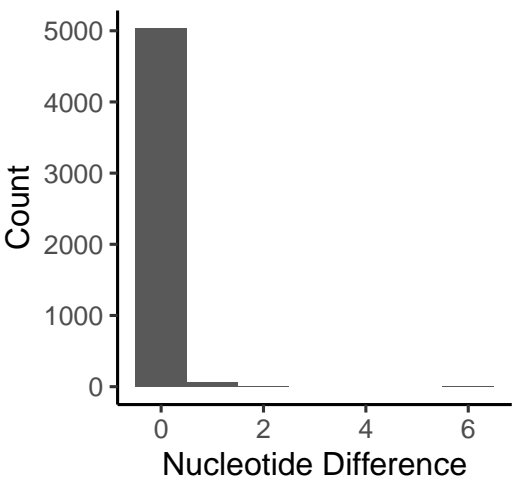
TRBV3-12*ap01

8012 sequences assigned
7952 (99.3%) exact matches, in which:
7878 unique CDR3
13 unique J



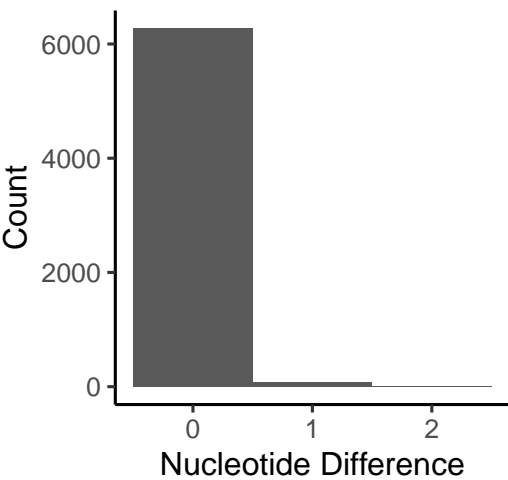
TRBV4-1*ap01

5096 sequences assigned
5033 (98.8%) exact matches, in which:
4919 unique CDR3
13 unique J



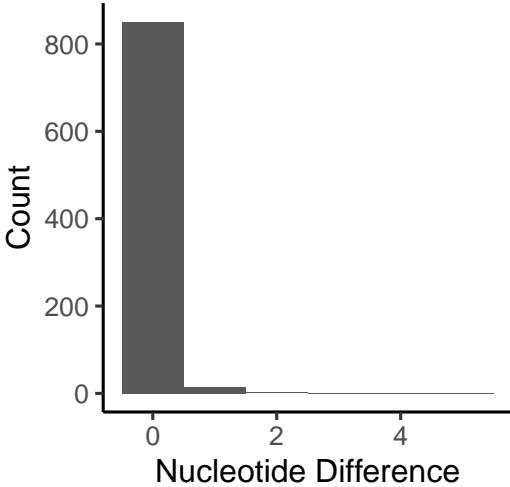
TRBV4-3*ap01

6352 sequences assigned
6273 (98.8%) exact matches, in which:
6136 unique CDR3
13 unique J



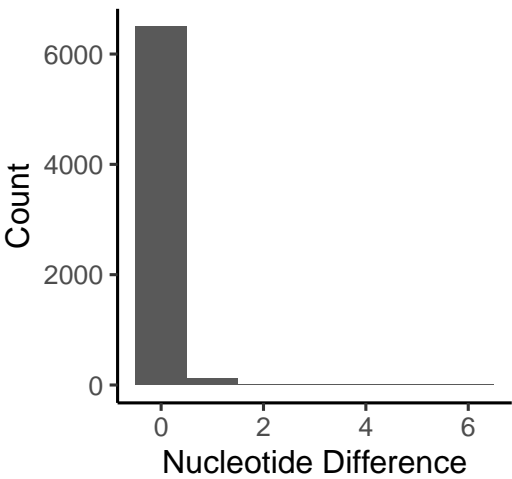
TRBV5-3*ap01

870 sequences assigned
851 (97.8%) exact matches, in which:
837 unique CDR3
13 unique J



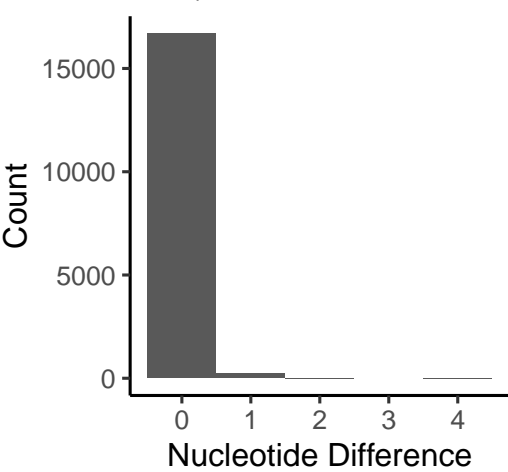
TRBV24-1*ap01

6627 sequences assigned
6495 (98%) exact matches, in which:
6366 unique CDR3
13 unique J



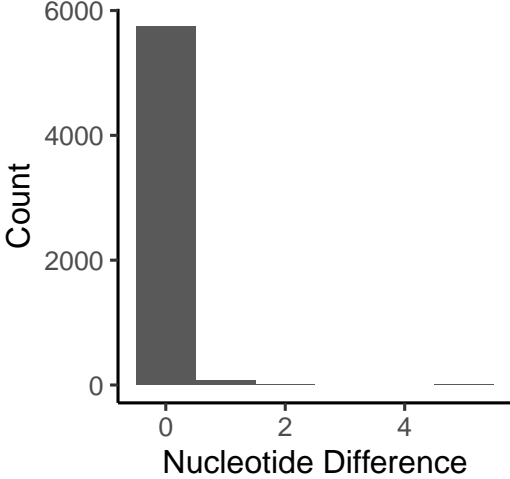
TRBV5-1*ap01

16924 sequences assigned
16695 (98.6%) exact matches, in which:
16336 unique CDR3
13 unique J



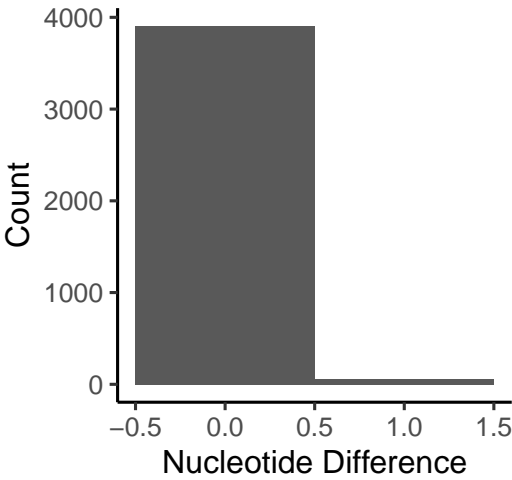
TRBV5-4*ap01

5809 sequences assigned
5740 (98.8%) exact matches, in which:
5611 unique CDR3
13 unique J



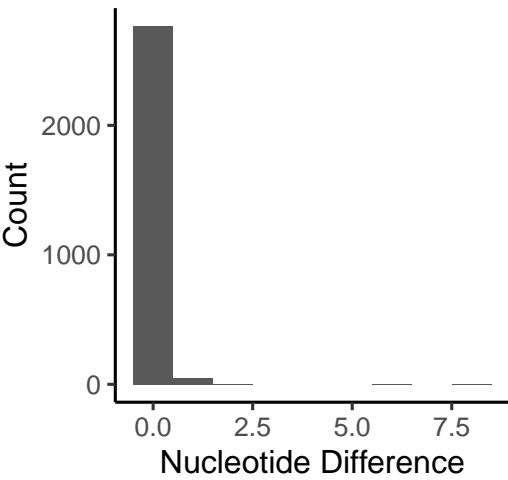
TRBV4-2*ap01

3965 sequences assigned
3905 (98.5%) exact matches, in which:
3808 unique CDR3
13 unique J



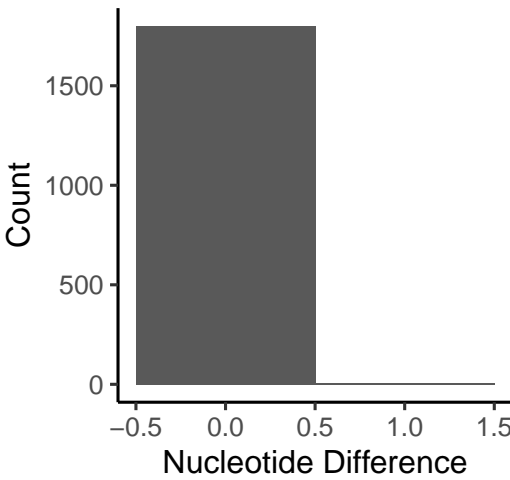
TRBV25-1*ap01

2821 sequences assigned
2767 (98.1%) exact matches, in which:
2703 unique CDR3
13 unique J



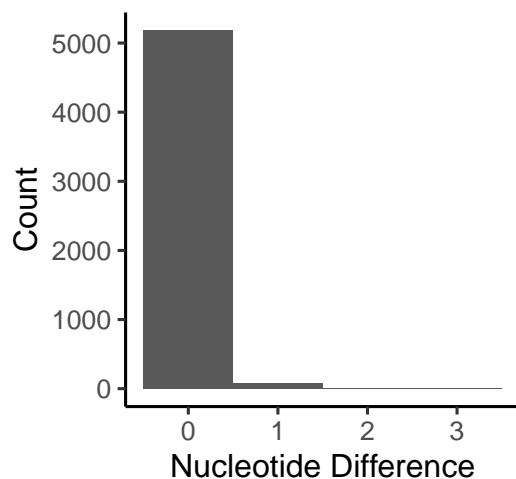
TRBV5-5*ap01

1807 sequences assigned
1800 (99.6%) exact matches, in which:
1787 unique CDR3
13 unique J



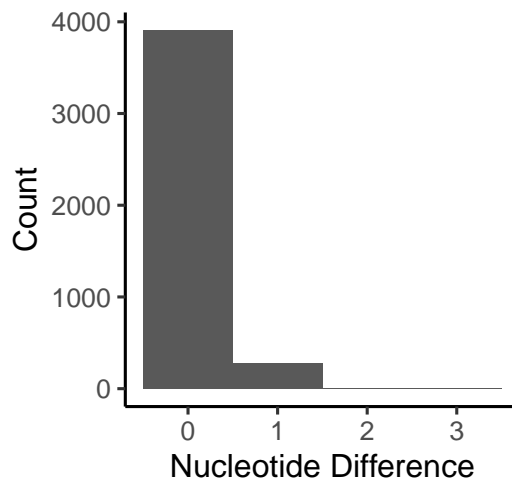
TRBV5-6*ap01

5270 sequences assigned
5183 (98.3%) exact matches, in which:
5020 unique CDR3
13 unique J



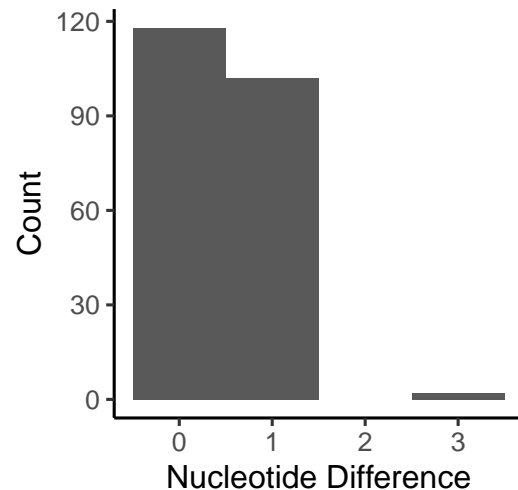
TRBV6-1*ap01

4184 sequences assigned
3906 (93.4%) exact matches, in which:
3806 unique CDR3
13 unique J



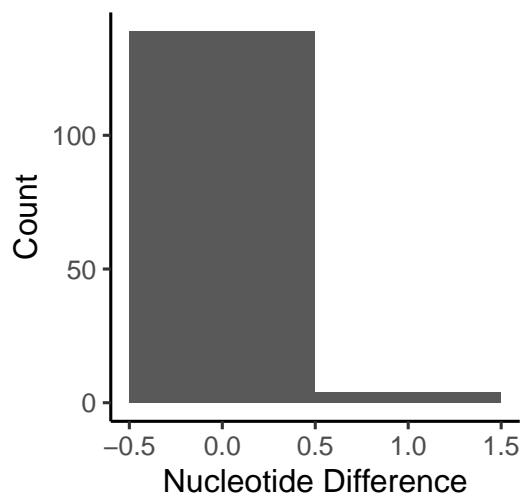
TRBV6-9*ap01

222 sequences assigned
118 (53.2%) exact matches, in which:
111 unique CDR3
13 unique J



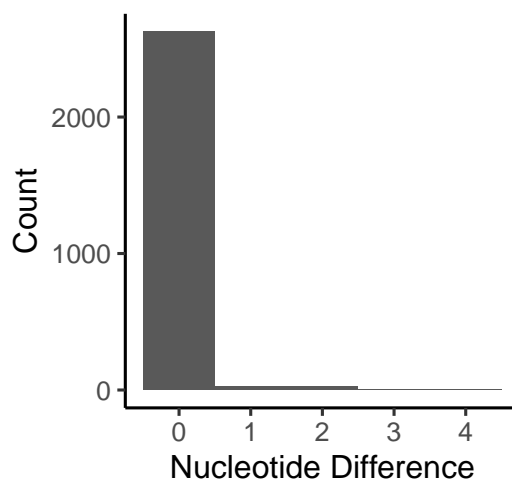
TRBV5-7*ap01

143 sequences assigned
139 (97.2%) exact matches, in which:
136 unique CDR3
13 unique J



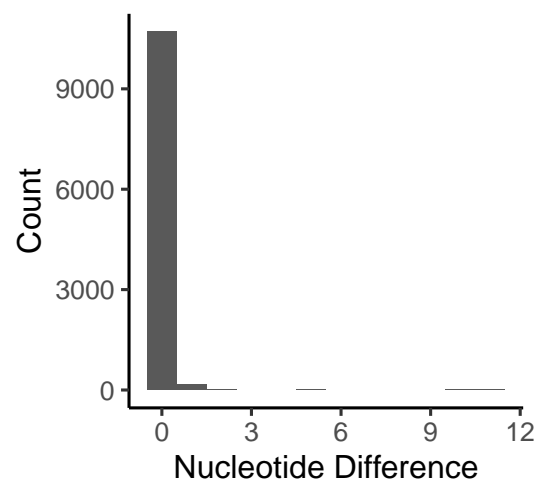
TRBV6-4*ap01

2672 sequences assigned
2625 (98.2%) exact matches, in which:
2574 unique CDR3
13 unique J



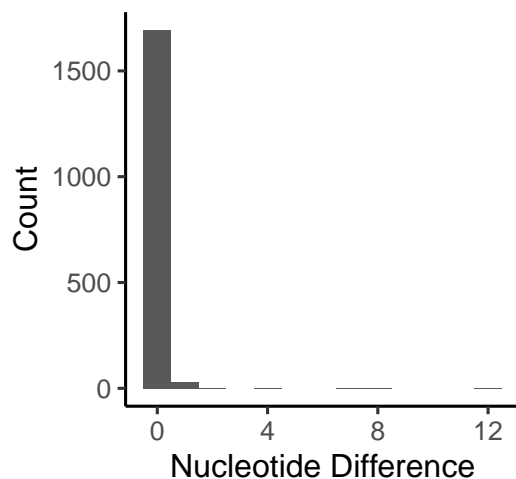
TRBV6-23*ap01

10876 sequences assigned
10707 (98.4%) exact matches, in which:
10371 unique CDR3
13 unique J



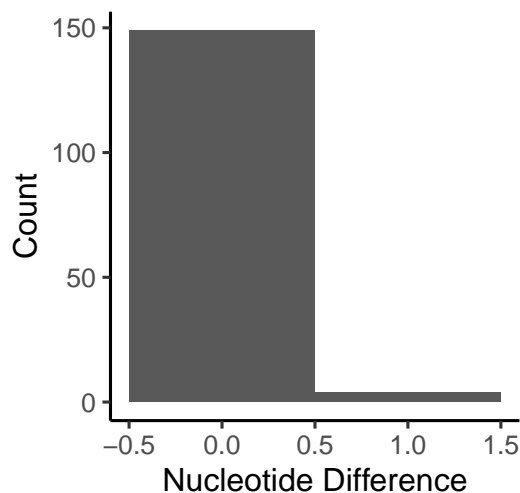
TRBV5-8*ap01

1729 sequences assigned
1693 (97.9%) exact matches, in which:
1663 unique CDR3
13 unique J



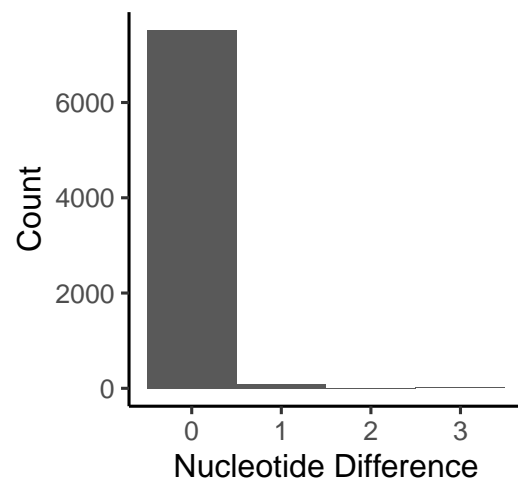
TRBV6-8*ap01

153 sequences assigned
149 (97.4%) exact matches, in which:
144 unique CDR3
12 unique J



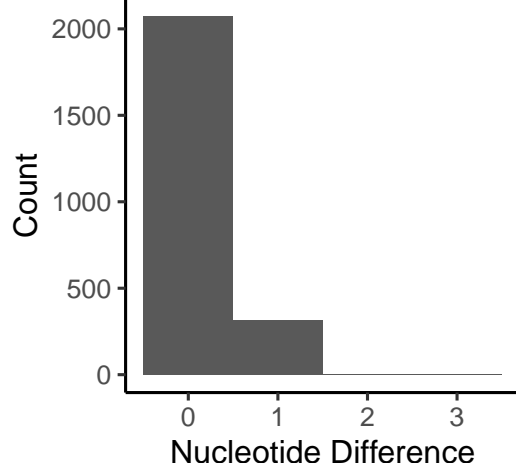
TRBV6-56*ap01

7629 sequences assigned
7521 (98.6%) exact matches, in which:
7326 unique CDR3
13 unique J



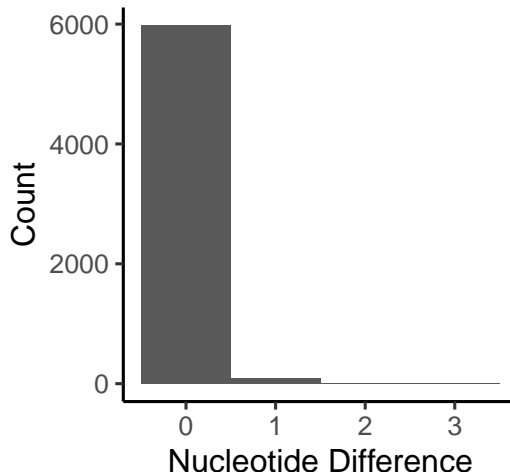
TRBV6-56*ap02

2395 sequences assigned
2072 (86.5%) exact matches, in which:
2006 unique CDR3
13 unique J



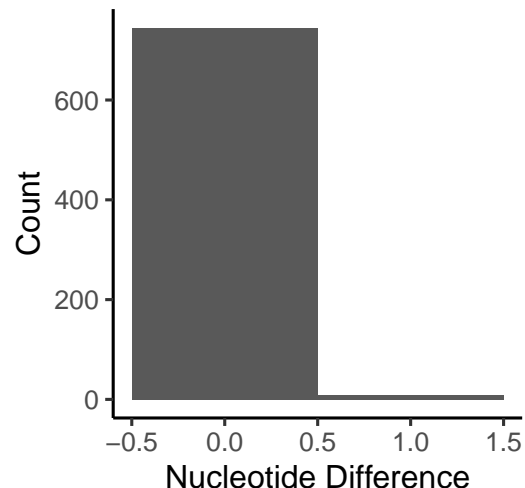
TRBV7-3*ap01

6077 sequences assigned
5978 (98.4%) exact matches, in which:
5898 unique CDR3
13 unique J



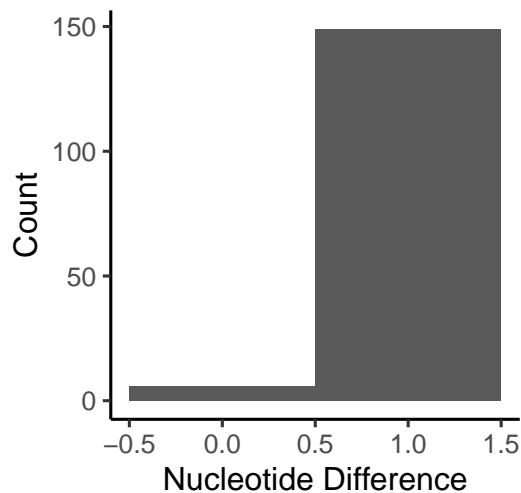
TRBV7-7*ap01

754 sequences assigned
745 (98.8%) exact matches, in which:
726 unique CDR3
13 unique J



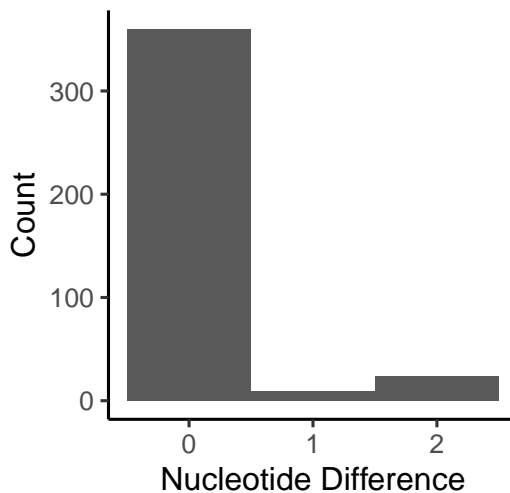
TRBV7-1*ap01_T296C

155 sequences assigned
6 (3.9%) exact matches, in which:
6 unique CDR3
4 unique J



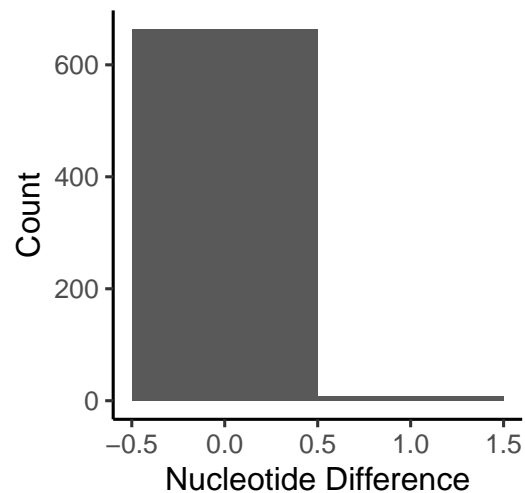
TRBV7-4*ap01

393 sequences assigned
360 (91.6%) exact matches, in which:
349 unique CDR3
13 unique J



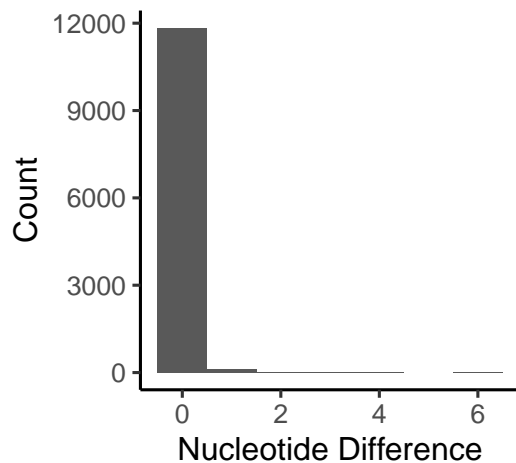
TRBV7-7*ap01_C315T

672 sequences assigned
664 (98.8%) exact matches, in which:
644 unique CDR3
13 unique J



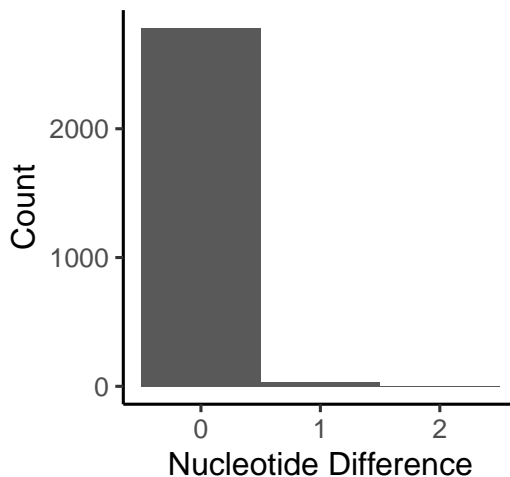
TRBV7-2*ap01

11957 sequences assigned
11842 (99%) exact matches, in which:
11672 unique CDR3
13 unique J



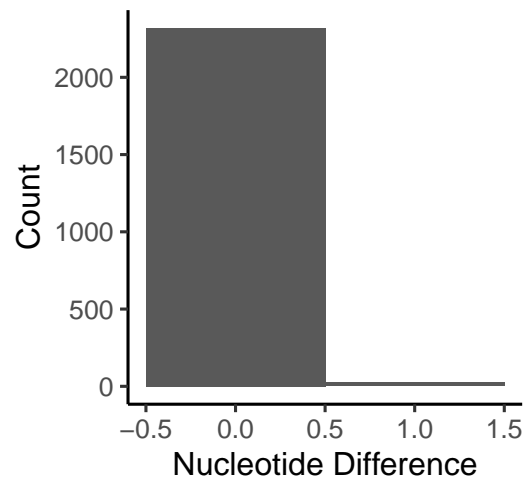
TRBV7-6*ap01

2816 sequences assigned
2782 (98.8%) exact matches, in which:
2733 unique CDR3
13 unique J



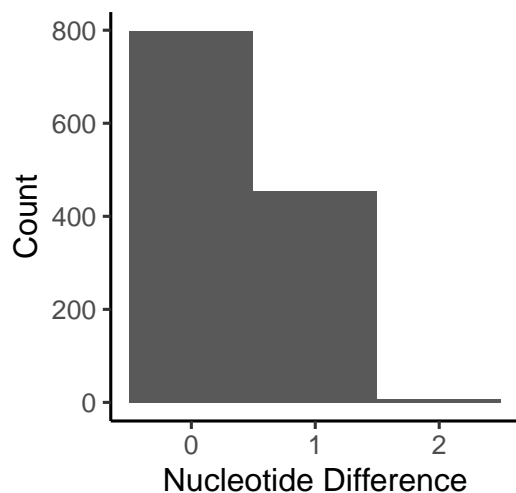
TRBV7-8*ap01

2344 sequences assigned
2319 (98.9%) exact matches, in which:
2272 unique CDR3
13 unique J



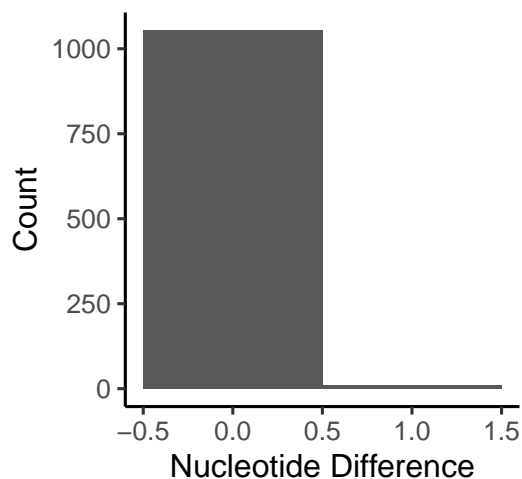
TRBV7–8*ap03

1260 sequences assigned
799 (63.4%) exact matches, in which:
791 unique CDR3
13 unique J



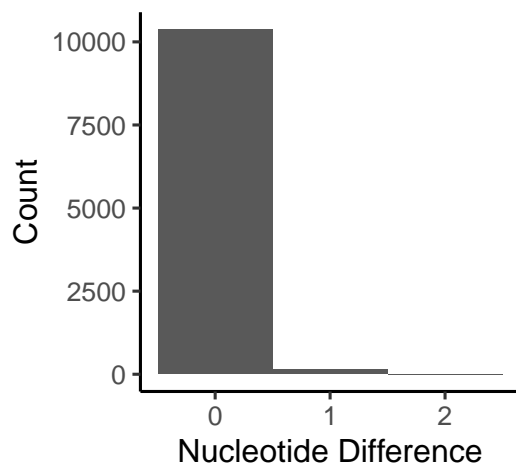
TRBV29–1*ap02

1064 sequences assigned
1054 (99.1%) exact matches, in which:
1021 unique CDR3
13 unique J



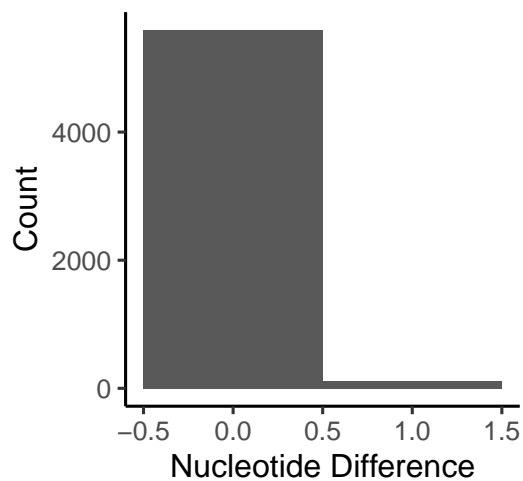
TRBV7–9*ap01

10524 sequences assigned
10373 (98.6%) exact matches, in which:
10204 unique CDR3
13 unique J

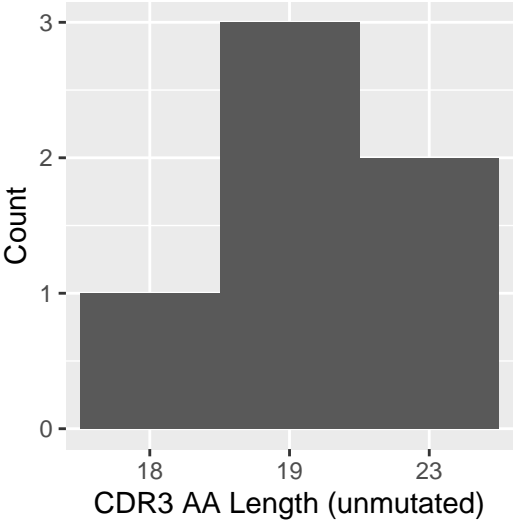


TRBV29–1*ap01

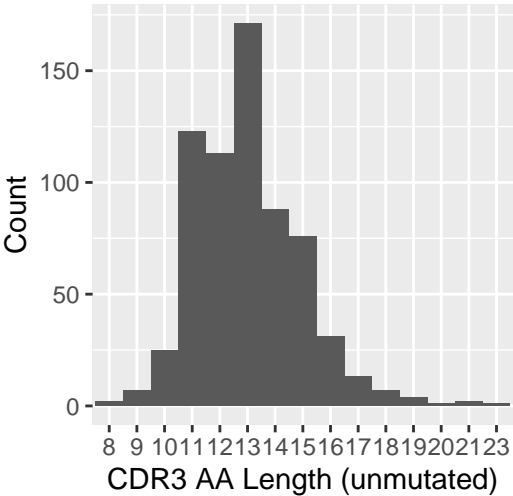
5708 sequences assigned
5593 (98%) exact matches, in which:
5398 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.