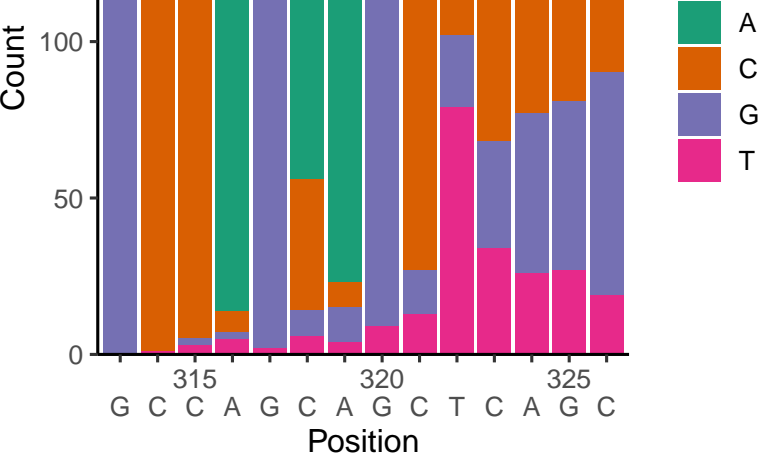


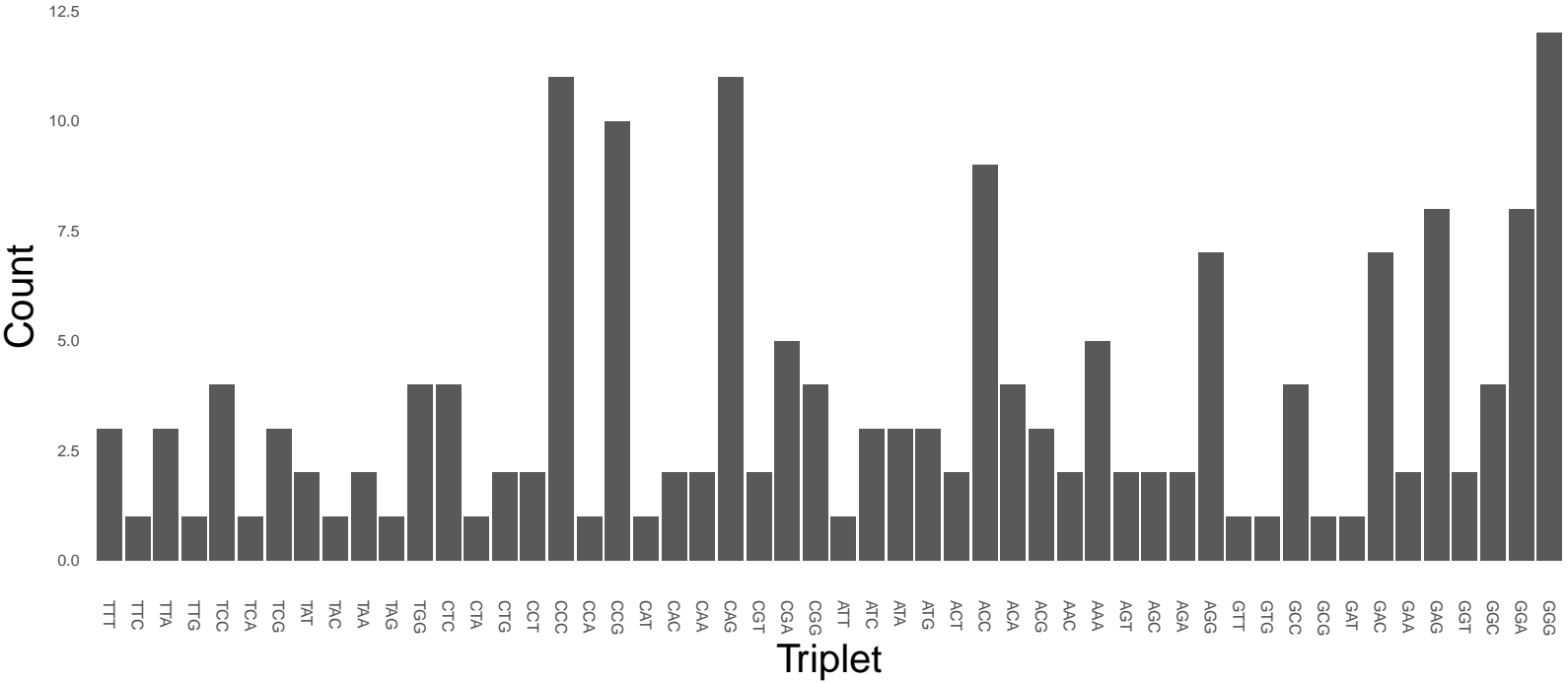
Gene TRBV7-1*ap01_T296C



Gene TRBV7-1*ap01_T296C

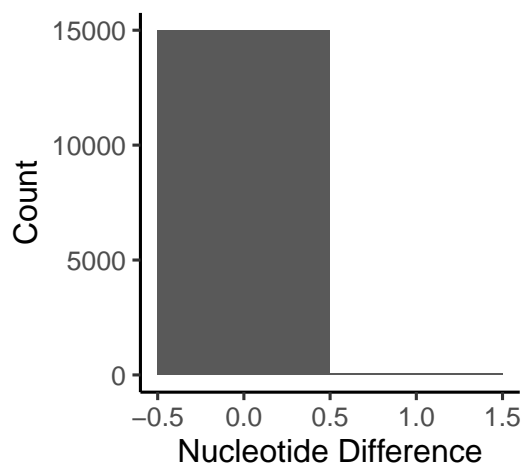


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



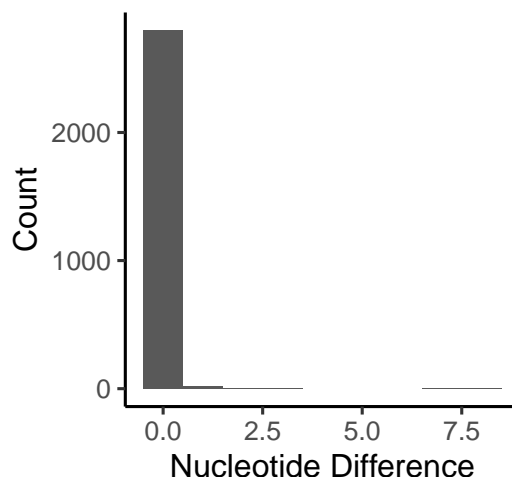
TRBV20-1*ap01

15086 sequences assigned
15003 (99.4%) exact matches, in which:
14934 unique CDR3
13 unique J



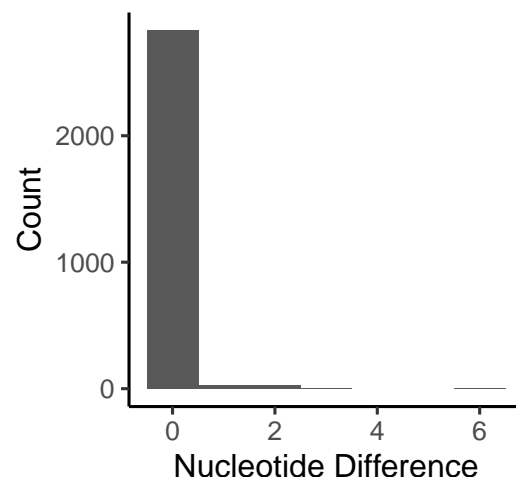
TRBV10-2*ap01

2820 sequences assigned
2797 (99.2%) exact matches, in which:
2774 unique CDR3
13 unique J



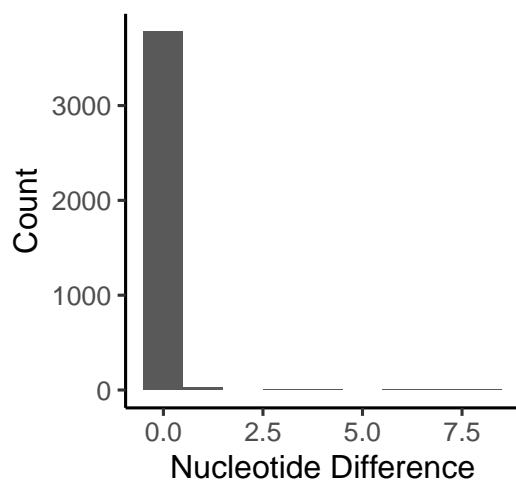
TRBV13*ap01

2895 sequences assigned
2833 (97.9%) exact matches, in which:
2805 unique CDR3
13 unique J



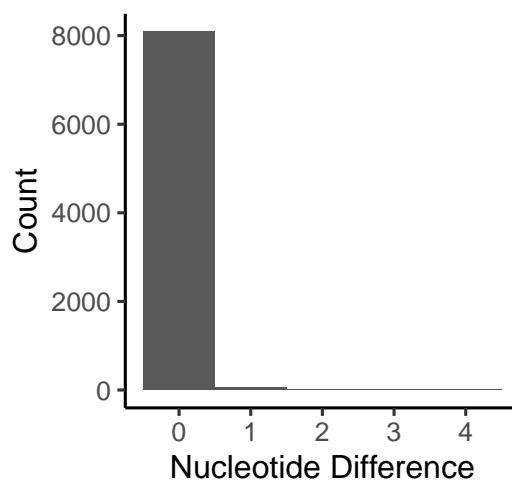
TRBV10-1*ap01

3816 sequences assigned
3779 (99%) exact matches, in which:
3751 unique CDR3
13 unique J



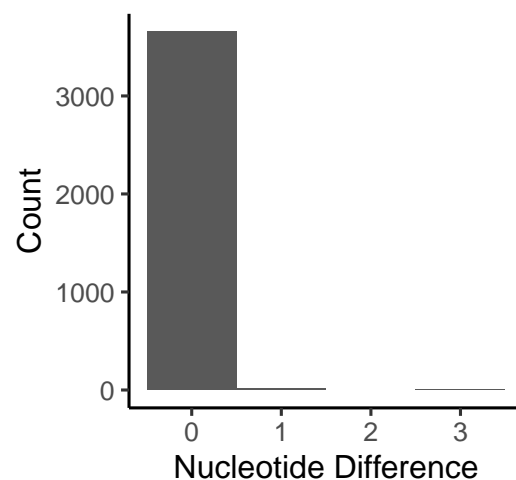
TRBV10-3*ap01

8146 sequences assigned
8088 (99.3%) exact matches, in which:
8047 unique CDR3
13 unique J



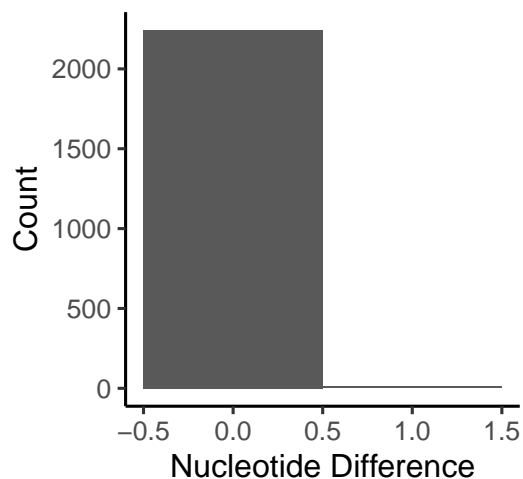
TRBV14*ap01

3669 sequences assigned
3655 (99.6%) exact matches, in which:
3647 unique CDR3
13 unique J



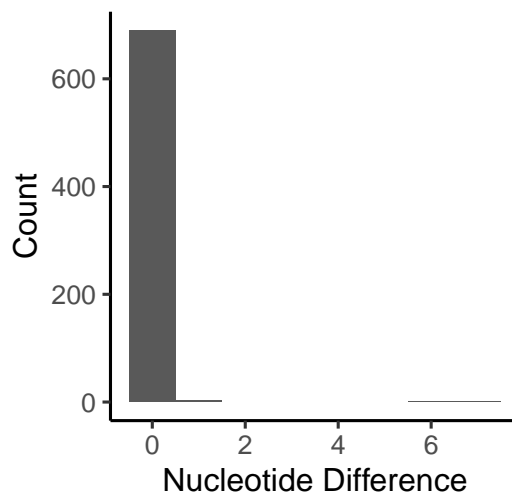
TRBV20-1*ap02

2255 sequences assigned
2243 (99.5%) exact matches, in which:
2229 unique CDR3
13 unique J



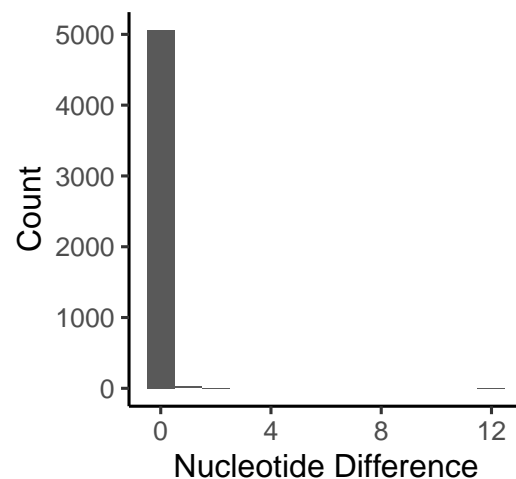
TRBV1*ap01

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



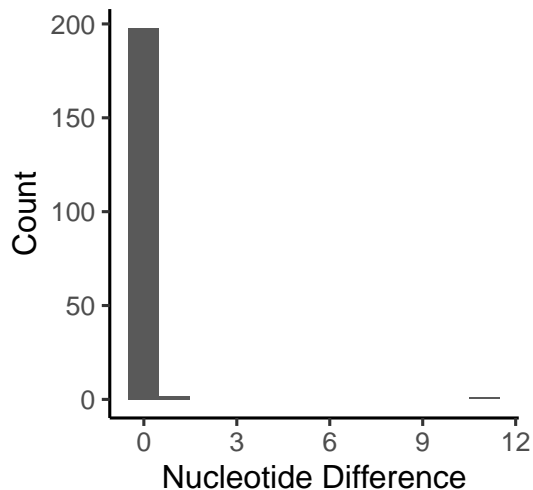
TRBV15*ap02

5088 sequences assigned
5061 (99.5%) exact matches, in which:
5036 unique CDR3
13 unique J



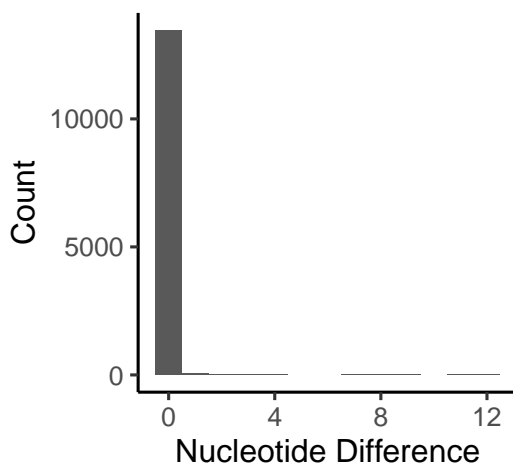
TRBV16*ap01

201 sequences assigned
198 (98.5%) exact matches, in which:
198 unique CDR3
13 unique J



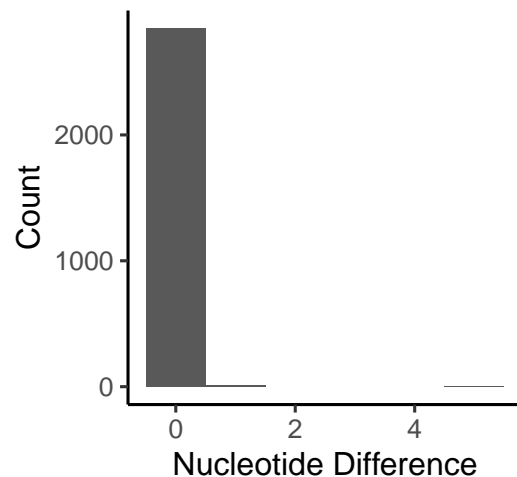
TRBV19*ap01

13533 sequences assigned
13466 (99.5%) exact matches, in which:
13450 unique CDR3
13 unique J



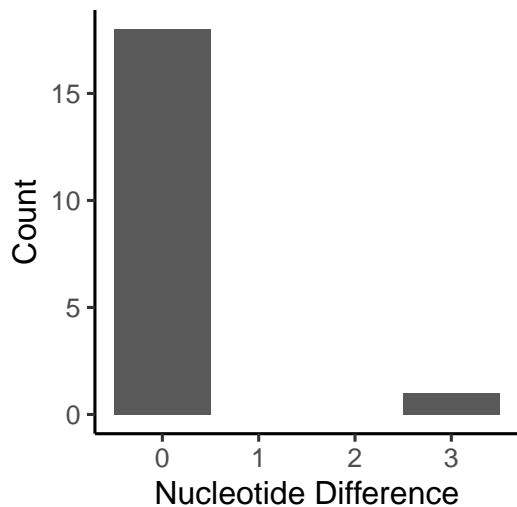
TRBV28*ap01

2860 sequences assigned
2846 (99.5%) exact matches, in which:
2837 unique CDR3
13 unique J



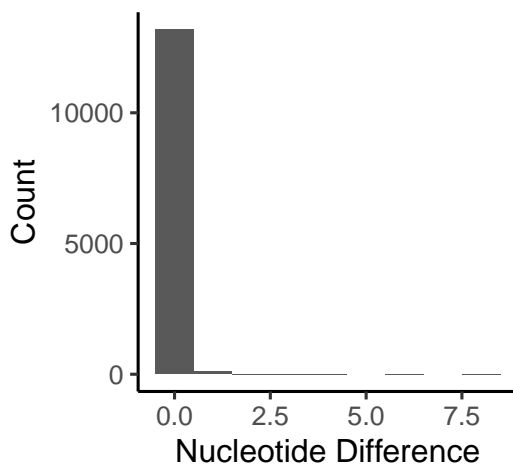
TRBV17*ap01

19 sequences assigned
18 (94.7%) exact matches, in which:
18 unique CDR3
8 unique J



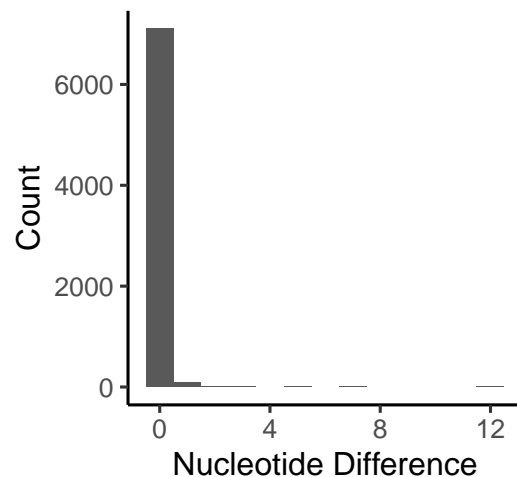
TRBV2*ap01

13304 sequences assigned
13186 (99.1%) exact matches, in which:
13087 unique CDR3
13 unique J



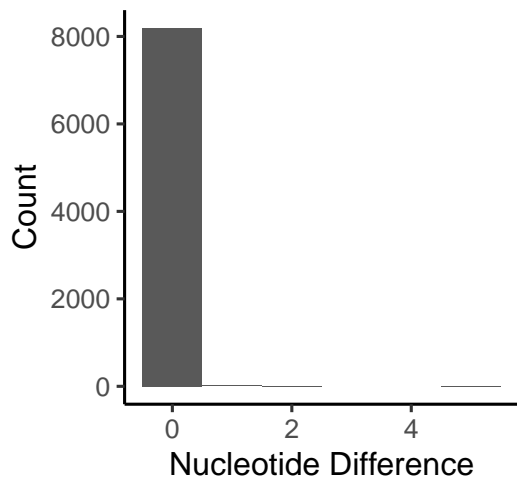
TRBV30*ap02

7206 sequences assigned
7105 (98.6%) exact matches, in which:
7047 unique CDR3
13 unique J



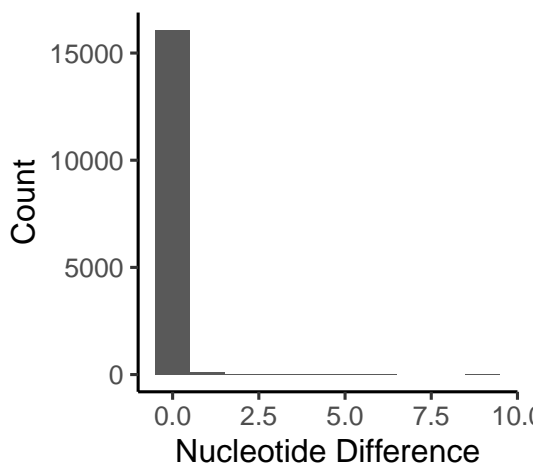
TRBV18*ap01

8214 sequences assigned
8192 (99.7%) exact matches, in which:
8177 unique CDR3
13 unique J



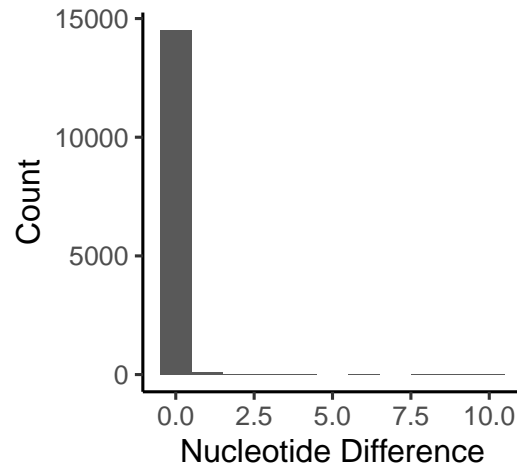
TRBV27*ap01

16213 sequences assigned
16085 (99.2%) exact matches, in which:
15942 unique CDR3
13 unique J



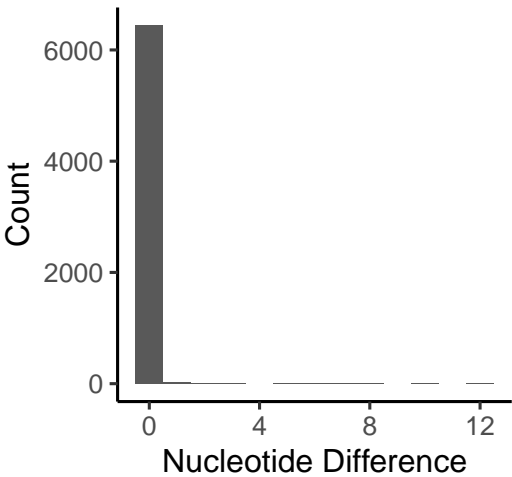
TRBV9*ap01

14632 sequences assigned
14526 (99.3%) exact matches, in which:
14443 unique CDR3
13 unique J



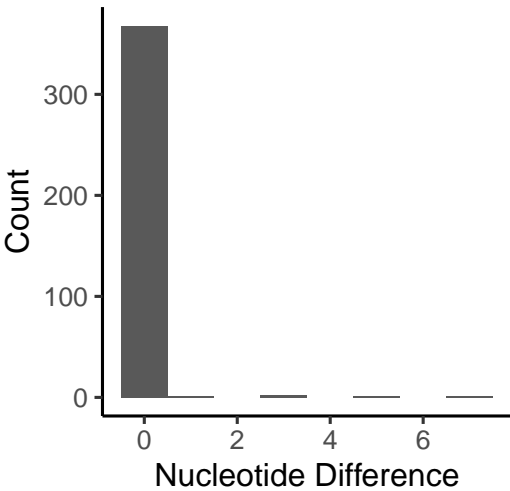
TRBV21-1*ap01

6496 sequences assigned
6441 (99.2%) exact matches, in which:
6426 unique CDR3
13 unique J



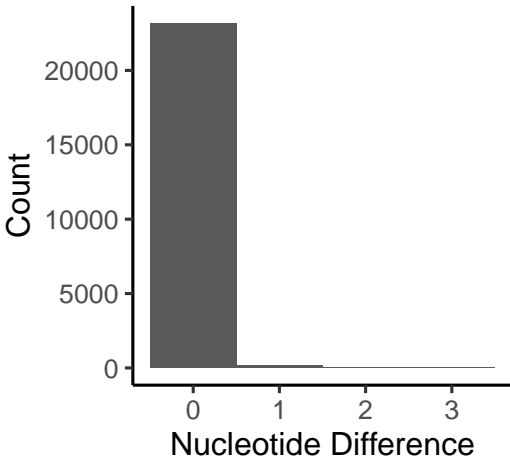
TRBV12-1*ap01

373 sequences assigned
368 (98.7%) exact matches, in which:
366 unique CDR3
13 unique J



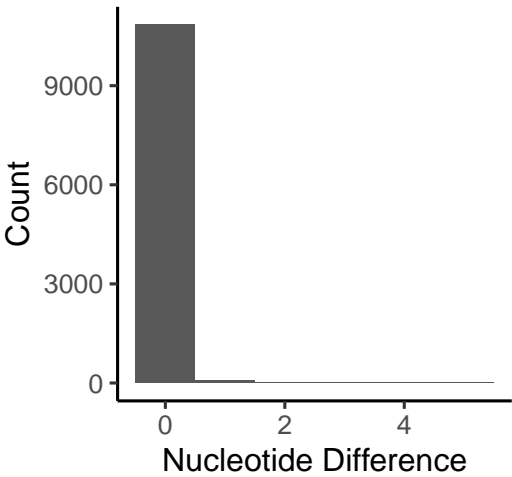
TRBV12-34*ap01

23326 sequences assigned
23179 (99.4%) exact matches, in which:
23029 unique CDR3
13 unique J



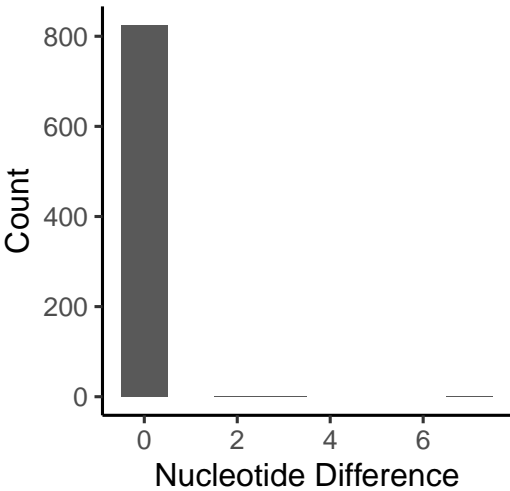
TRBV11-2*ap01

10928 sequences assigned
10845 (99.2%) exact matches, in which:
10772 unique CDR3
13 unique J



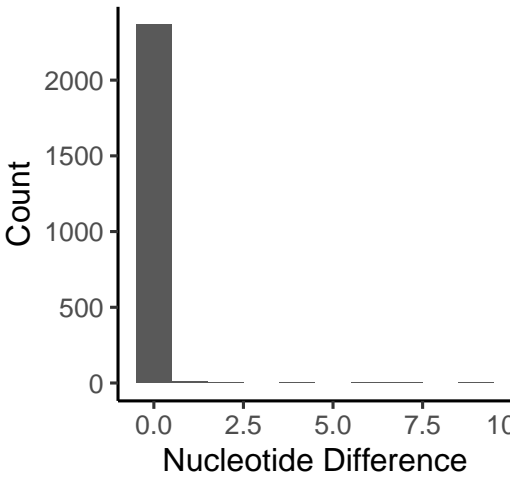
TRBV12-2*ap01

831 sequences assigned
825 (99.3%) exact matches, in which:
820 unique CDR3
13 unique J



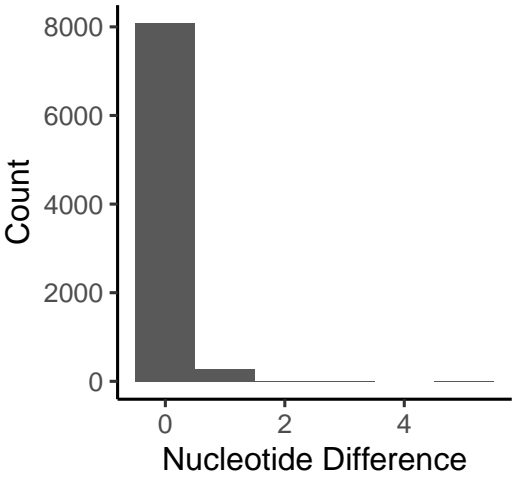
TRBV23-1*ap01

2389 sequences assigned
2366 (99%) exact matches, in which:
2362 unique CDR3
13 unique J



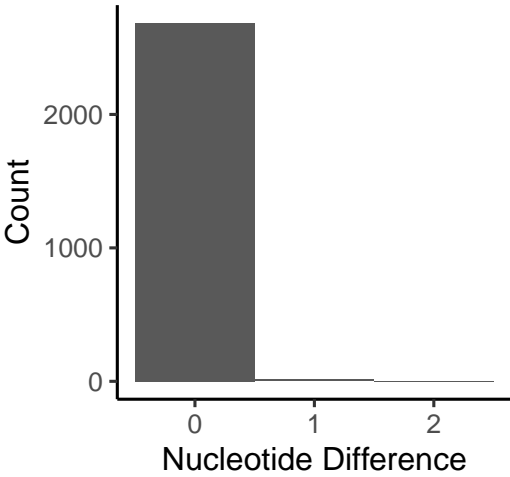
TRBV11-3*ap01

8373 sequences assigned
8086 (96.6%) exact matches, in which:
8037 unique CDR3
13 unique J



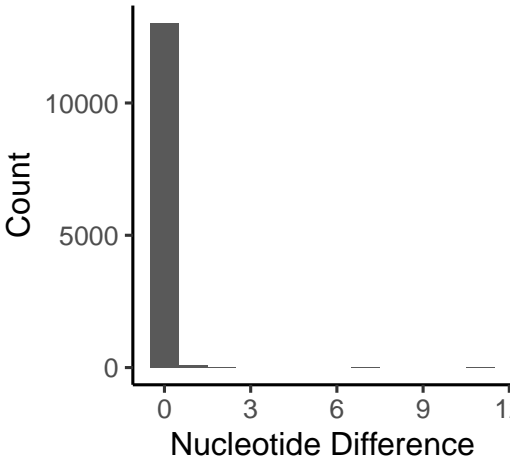
TRBV12-5*ap01

2704 sequences assigned
2685 (99.3%) exact matches, in which:
2669 unique CDR3
13 unique J



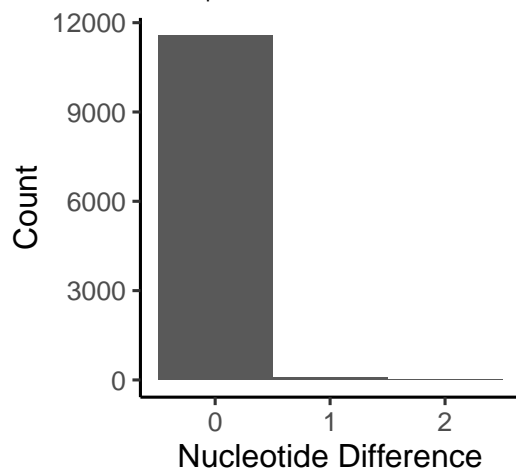
TRBV3-12*ap01

13138 sequences assigned
13031 (99.2%) exact matches, in which:
12943 unique CDR3
13 unique J



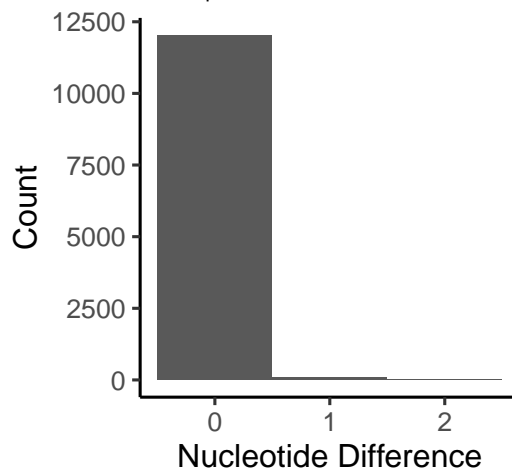
TRBV4-1*ap01

11653 sequences assigned
11581 (99.4%) exact matches, in which:
11500 unique CDR3
13 unique J



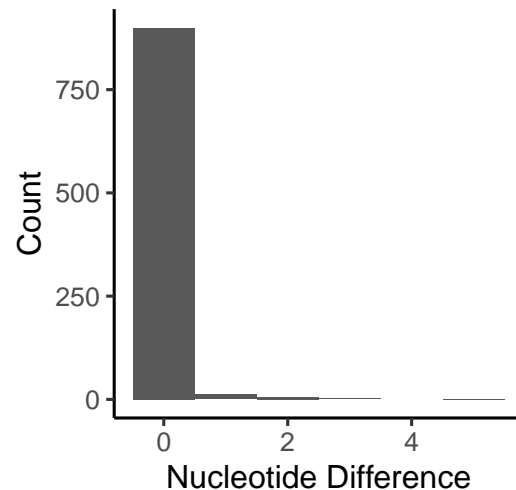
TRBV4-3*ap01

12115 sequences assigned
12033 (99.3%) exact matches, in which:
11951 unique CDR3
13 unique J



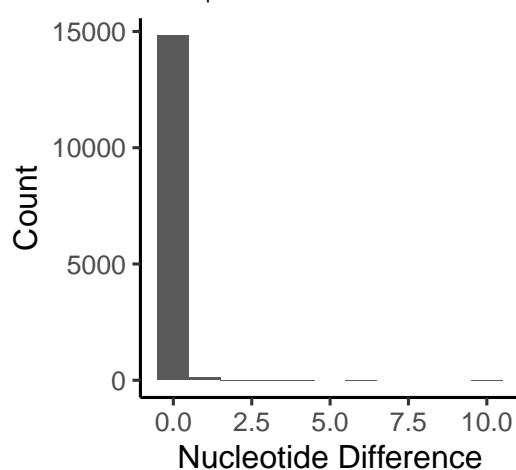
TRBV5-3*ap01

920 sequences assigned
900 (97.8%) exact matches, in which:
895 unique CDR3
13 unique J



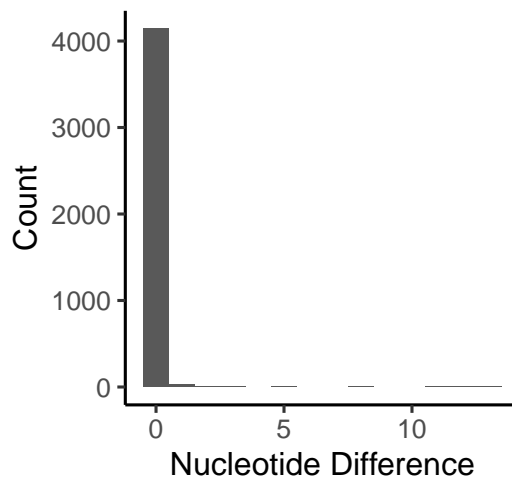
TRBV24-1*ap01

14954 sequences assigned
14828 (99.2%) exact matches, in which:
14711 unique CDR3
13 unique J



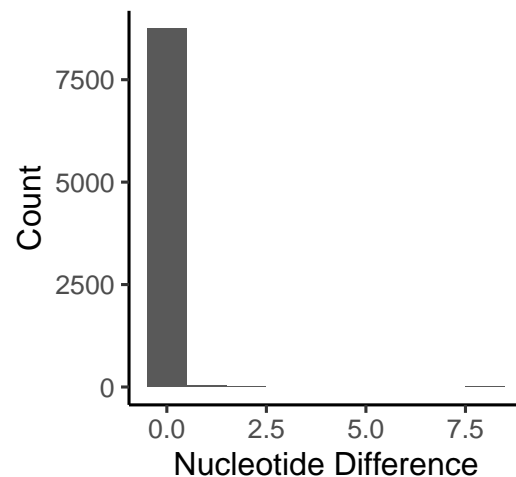
TRBV25-1*ap01

4186 sequences assigned
4142 (98.9%) exact matches, in which:
4107 unique CDR3
13 unique J



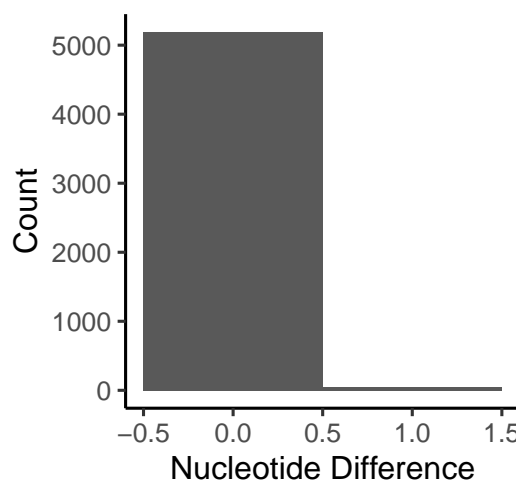
TRBV5-4*ap01

8798 sequences assigned
8744 (99.4%) exact matches, in which:
8686 unique CDR3
13 unique J



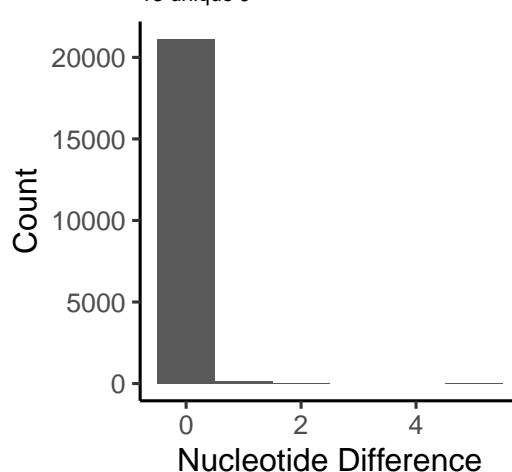
TRBV4-2*ap01

5242 sequences assigned
5190 (99%) exact matches, in which:
5168 unique CDR3
13 unique J



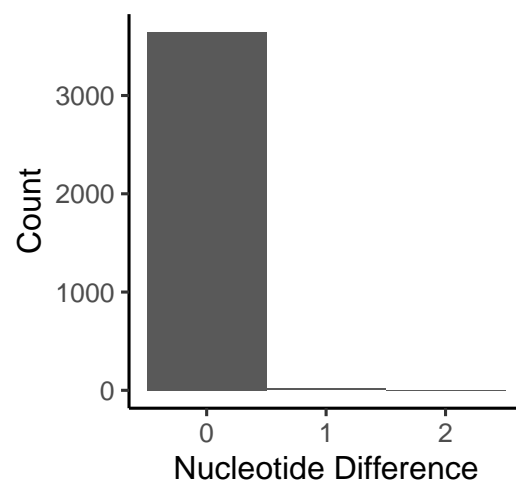
TRBV5-1*ap01

21292 sequences assigned
21140 (99.3%) exact matches, in which:
20952 unique CDR3
13 unique J



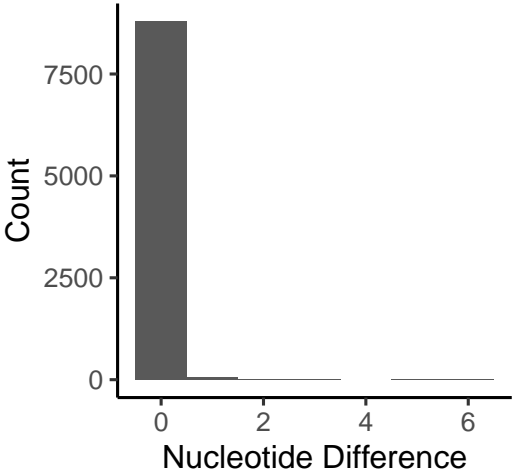
TRBV5-5*ap01

3668 sequences assigned
3646 (99.4%) exact matches, in which:
3629 unique CDR3
13 unique J



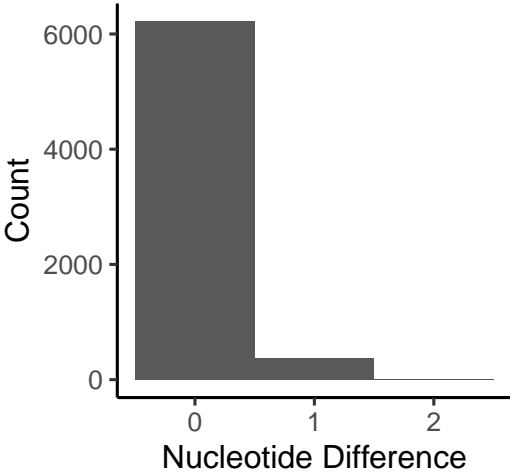
TRBV5-6*ap01

8859 sequences assigned
8790 (99.2%) exact matches, in which:
8727 unique CDR3
13 unique J



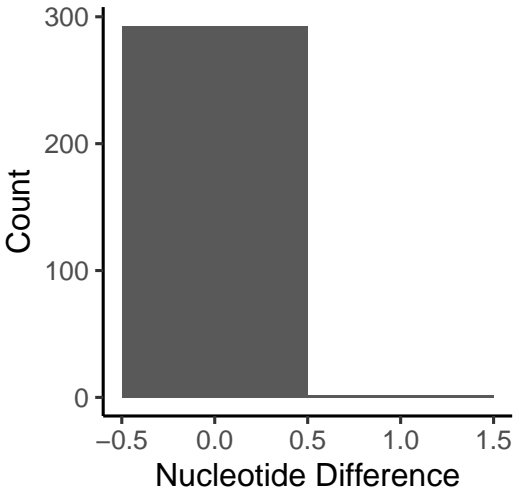
TRBV6-1*ap01

6596 sequences assigned
6218 (94.3%) exact matches, in which:
6167 unique CDR3
13 unique J



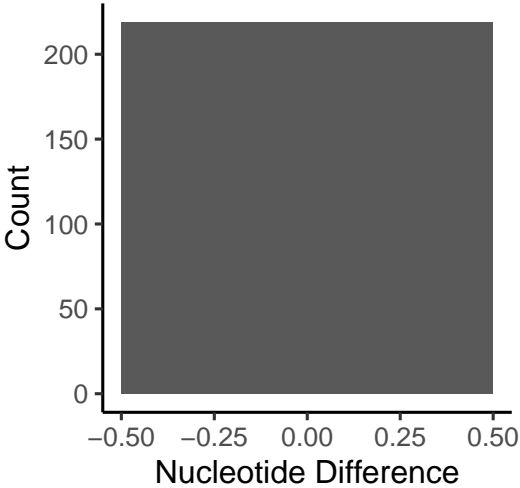
TRBV6-8*ap01

295 sequences assigned
293 (99.3%) exact matches, in which:
290 unique CDR3
13 unique J



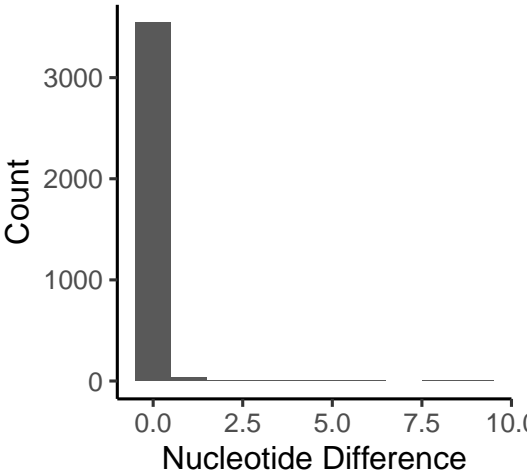
TRBV5-7*ap01

219 sequences assigned
219 (100%) exact matches, in which:
217 unique CDR3
13 unique J



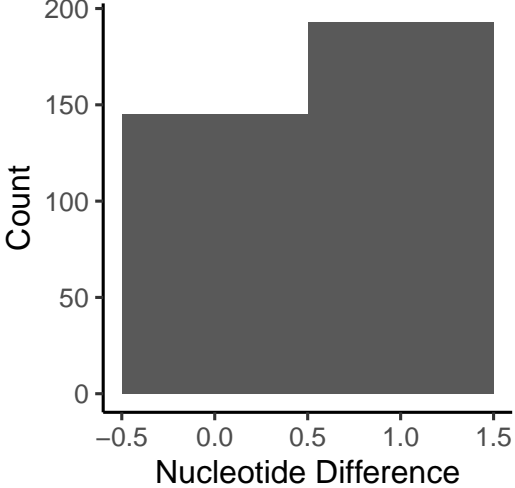
TRBV6-4*ap01

3593 sequences assigned
3543 (98.6%) exact matches, in which:
3531 unique CDR3
13 unique J



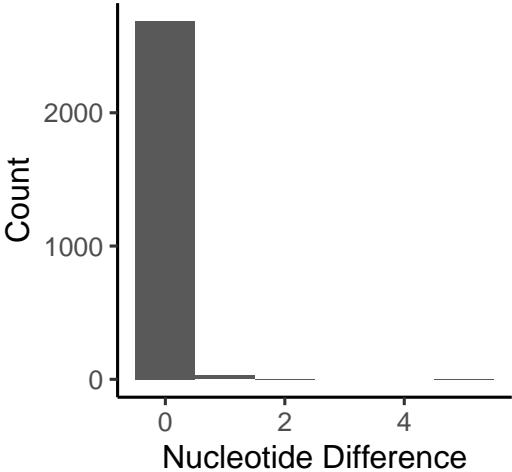
TRBV6-9*ap01

338 sequences assigned
145 (42.9%) exact matches, in which:
145 unique CDR3
13 unique J



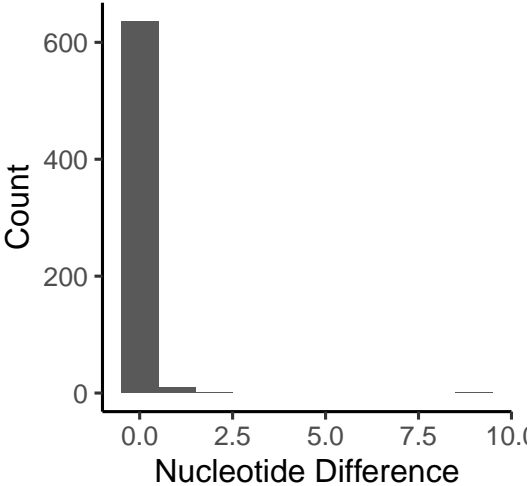
TRBV5-8*ap01

2722 sequences assigned
2688 (98.8%) exact matches, in which:
2678 unique CDR3
13 unique J



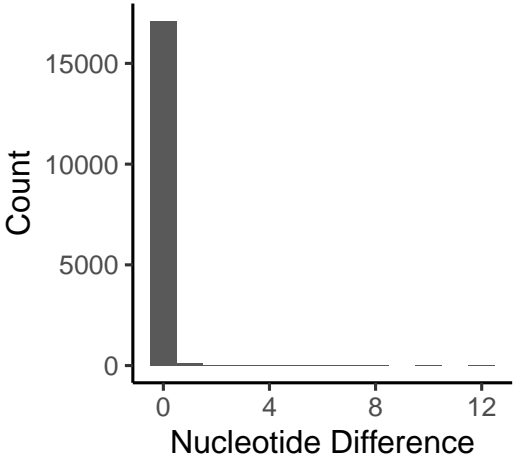
TRBV6-7*ap01

647 sequences assigned
636 (98.3%) exact matches, in which:
632 unique CDR3
13 unique J



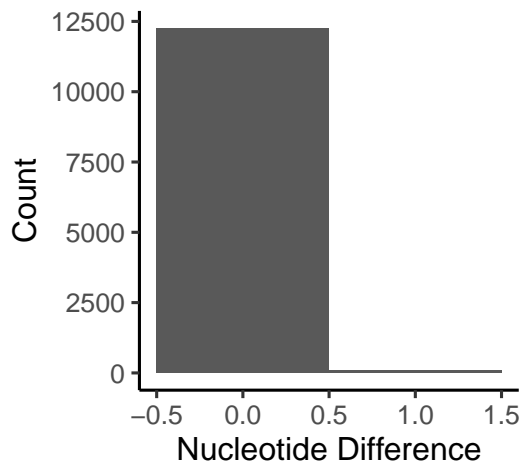
TRBV6-23*ap01

17272 sequences assigned
17115 (99.1%) exact matches, in which:
16964 unique CDR3
13 unique J



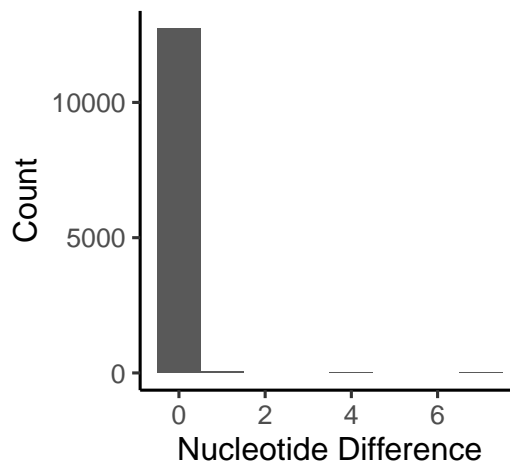
TRBV6-56*ap01

12358 sequences assigned
12260 (99.2%) exact matches, in which:
12143 unique CDR3
13 unique J



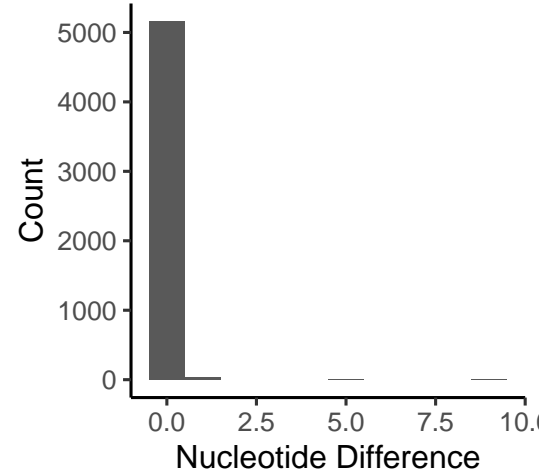
TRBV7-2*ap01

12792 sequences assigned
12746 (99.6%) exact matches, in which:
12708 unique CDR3
13 unique J



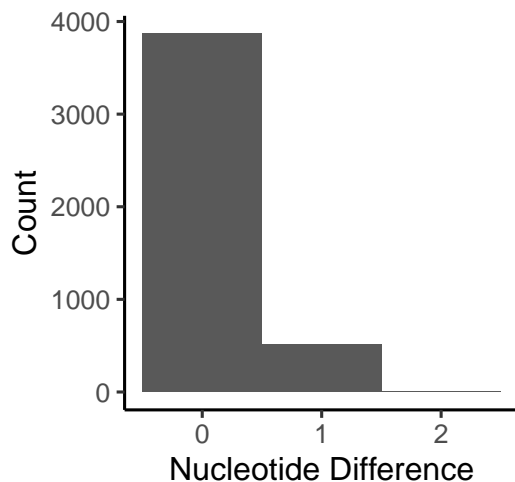
TRBV7-6*ap01

5194 sequences assigned
5159 (99.3%) exact matches, in which:
5128 unique CDR3
13 unique J



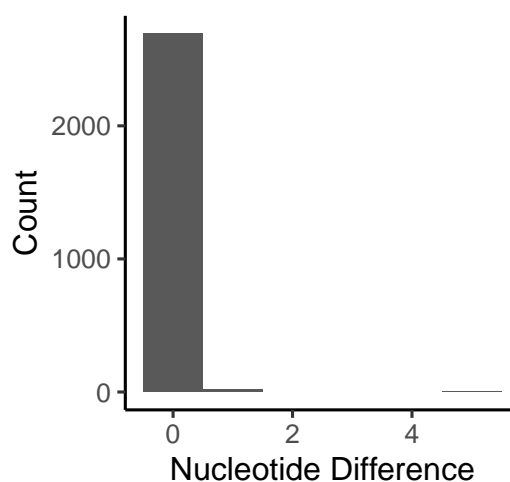
TRBV6-56*ap02

4381 sequences assigned
3868 (88.3%) exact matches, in which:
3833 unique CDR3
13 unique J



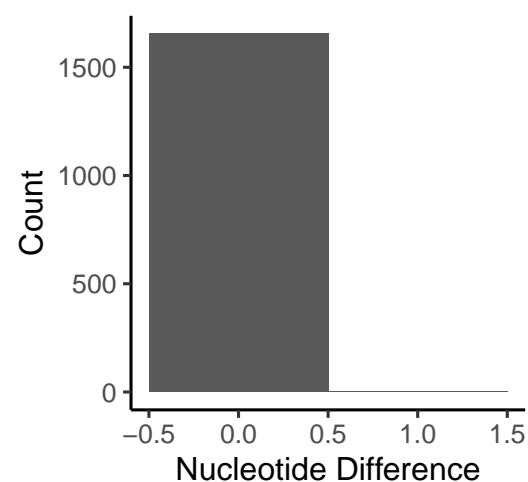
TRBV7-3*ap02

2713 sequences assigned
2692 (99.2%) exact matches, in which:
2682 unique CDR3
13 unique J



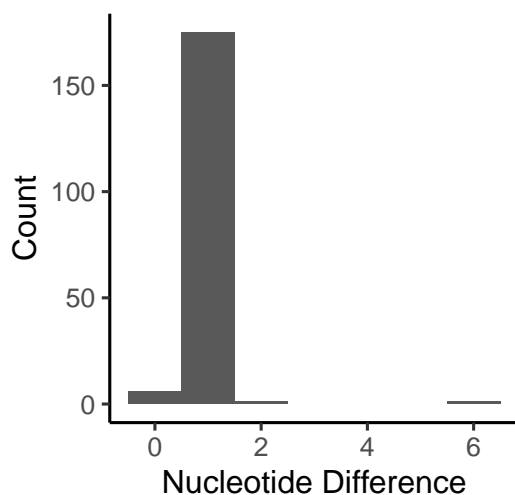
TRBV7-7*ap01

1659 sequences assigned
1655 (99.8%) exact matches, in which:
1647 unique CDR3
13 unique J



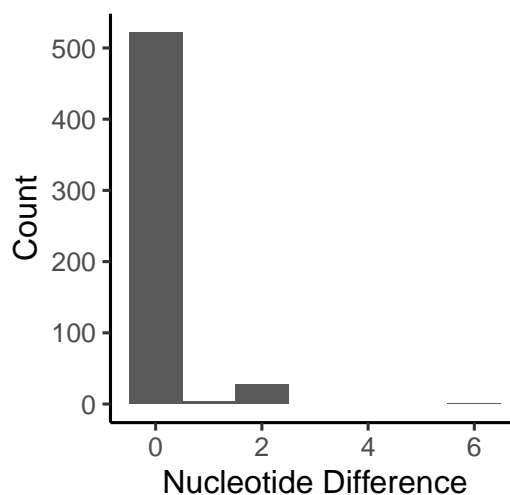
TRBV7-1*ap01_T296C

183 sequences assigned
6 (3.3%) exact matches, in which:
6 unique CDR3
6 unique J



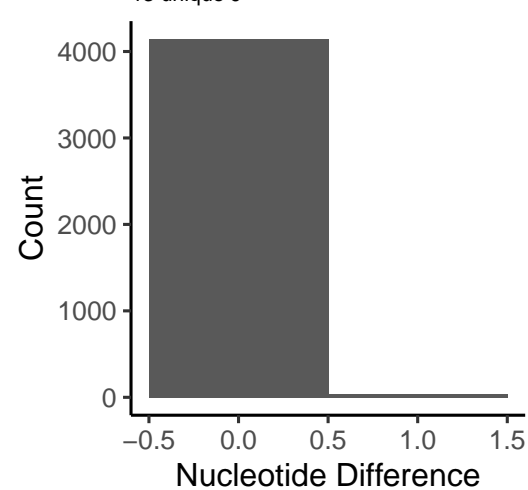
TRBV7-4*ap01

553 sequences assigned
522 (94.4%) exact matches, in which:
522 unique CDR3
13 unique J



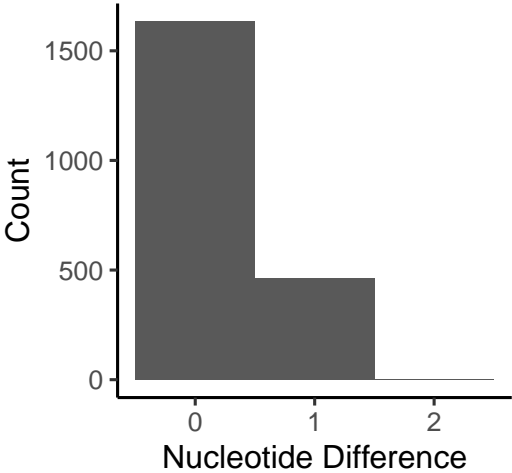
TRBV7-8*ap01

4180 sequences assigned
4144 (99.1%) exact matches, in which:
4115 unique CDR3
13 unique J



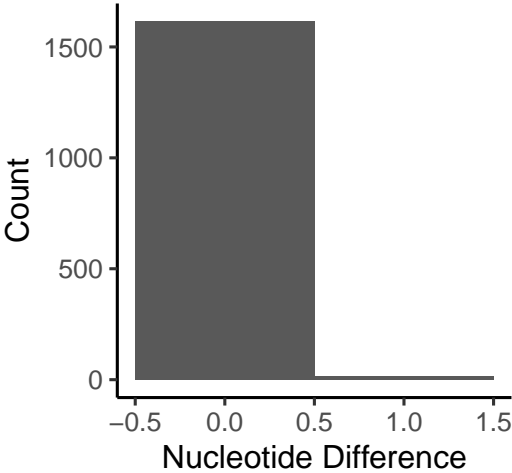
TRBV7-8*ap03

2101 sequences assigned
1634 (77.8%) exact matches, in which:
1616 unique CDR3
13 unique J



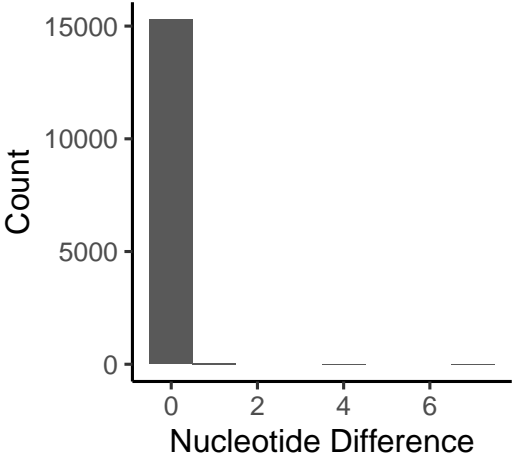
TRBV29-1*ap02

1630 sequences assigned
1615 (99.1%) exact matches, in which:
1605 unique CDR3
13 unique J



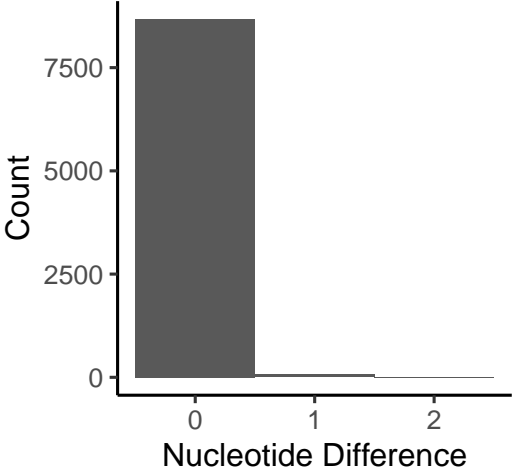
TRBV7-9*ap01

15349 sequences assigned
15294 (99.6%) exact matches, in which:
15270 unique CDR3
13 unique J

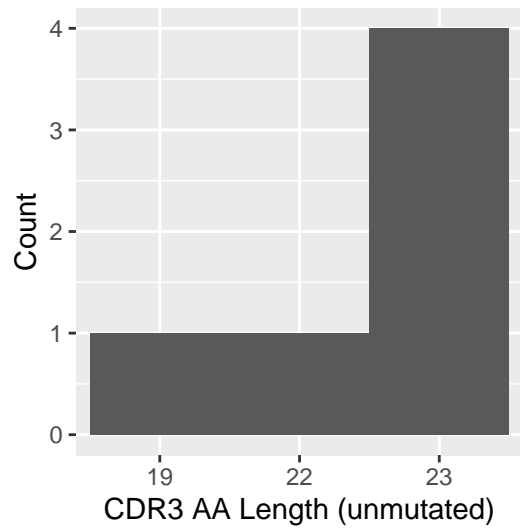


TRBV29-1*ap01

8744 sequences assigned
8677 (99.2%) exact matches, in which:
8607 unique CDR3
13 unique J



TRBV7-1*ap01_T296C





[illegible]