

Gene TRBV7-1*ap01_G291C_T296C

Count

200
150
100
50
0

Position
G C C A G C A G C T C A G C

315

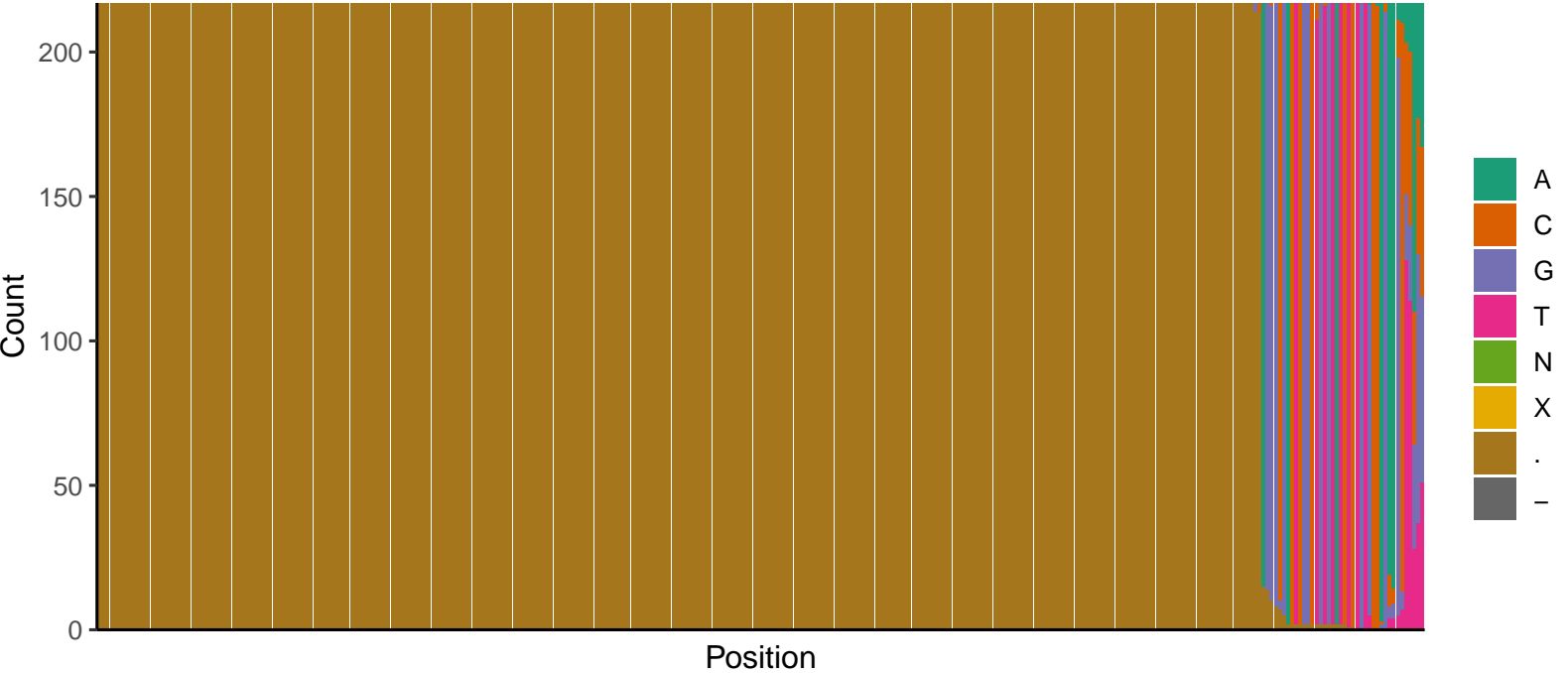
320

325

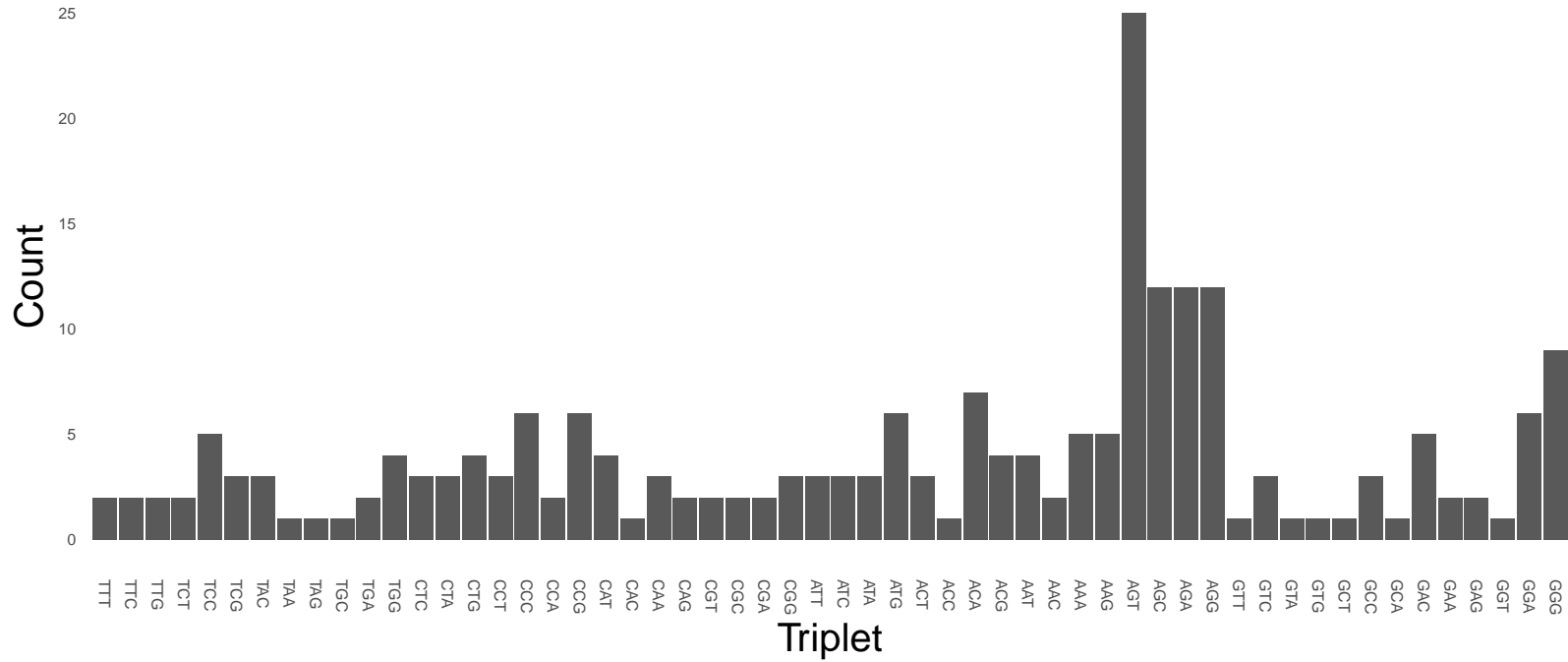
- A
- C
- G
- T



Gene TRBV7-1*ap01_G291C_T296C

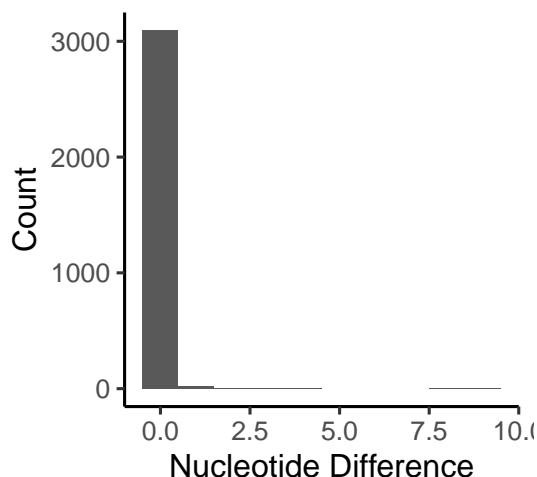


TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



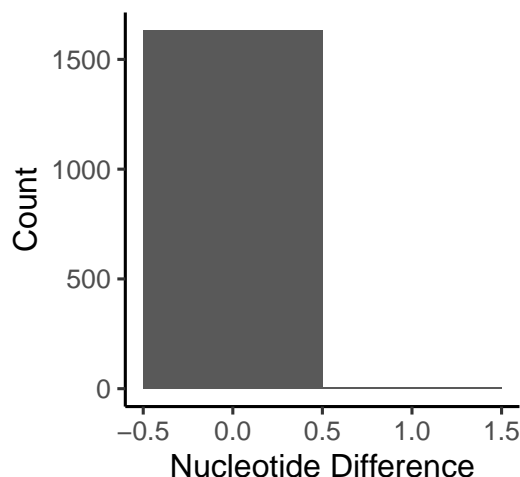
TRBV10-1*ap01

3124 sequences assigned
3094 (99%) exact matches, in which:
3051 unique CDR3
13 unique J



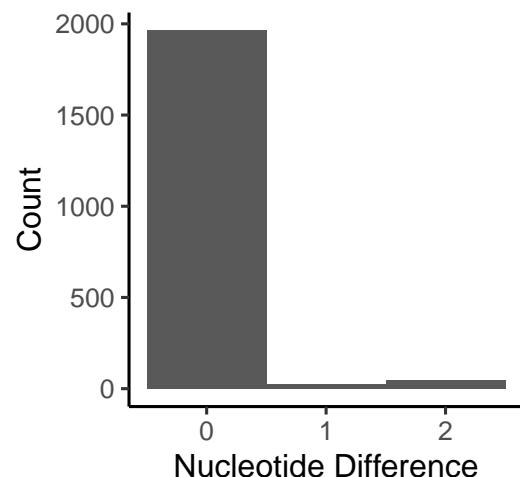
TRBV10-2*ap01

1641 sequences assigned
1632 (99.5%) exact matches, in which:
1602 unique CDR3
13 unique J



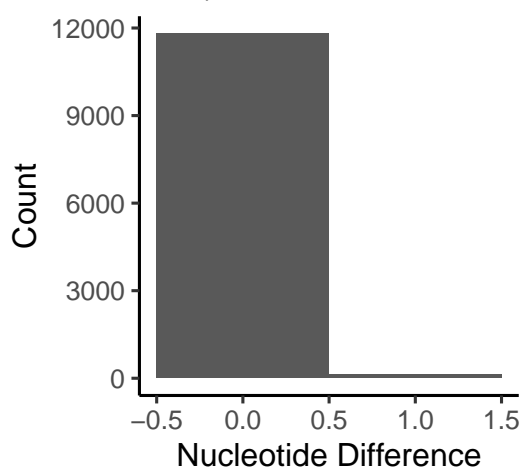
TRBV13*ap01

2036 sequences assigned
1964 (96.5%) exact matches, in which:
1920 unique CDR3
13 unique J



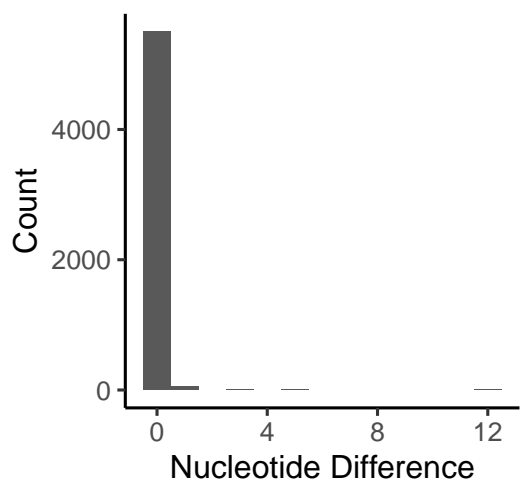
TRBV20-1*ap01

11943 sequences assigned
11813 (98.9%) exact matches, in which:
11655 unique CDR3
13 unique J



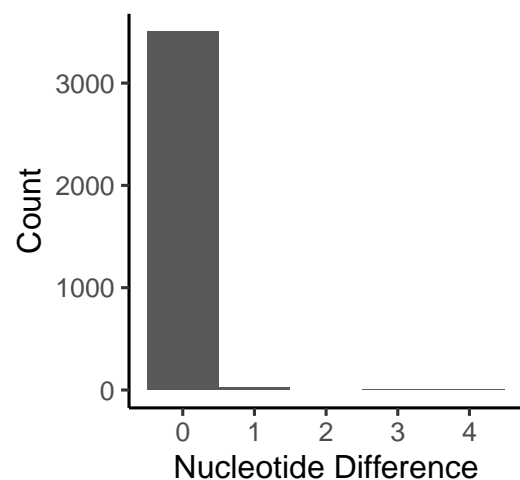
TRBV10-3*ap01

5556 sequences assigned
5501 (99%) exact matches, in which:
5411 unique CDR3
13 unique J



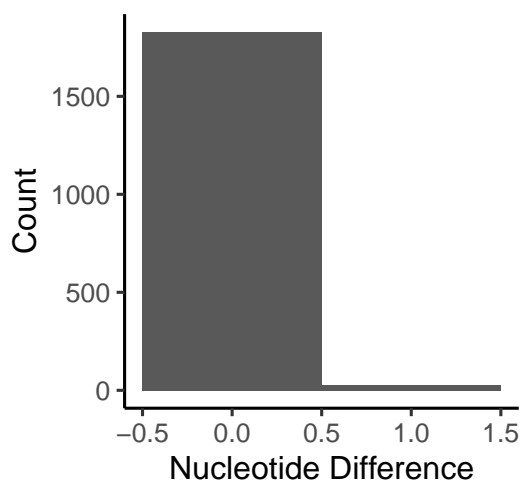
TRBV14*ap01

3534 sequences assigned
3502 (99.1%) exact matches, in which:
3449 unique CDR3
13 unique J



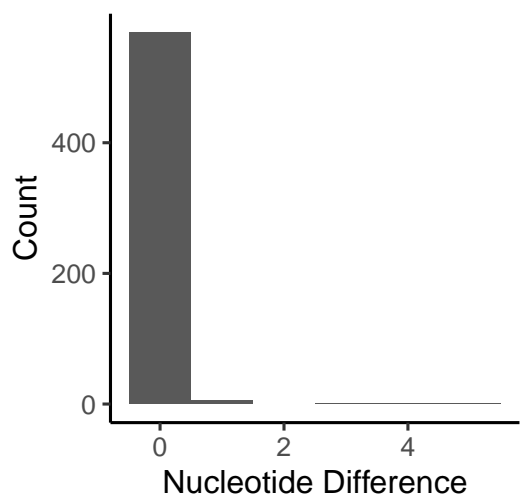
TRBV20-1*ap02

1855 sequences assigned
1828 (98.5%) exact matches, in which:
1808 unique CDR3
13 unique J



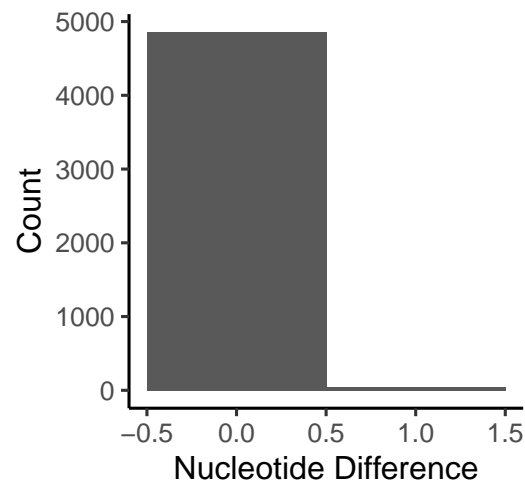
TRBV1*ap01

577 sequences assigned
569 (98.6%) exact matches, in which:
562 unique CDR3
13 unique J



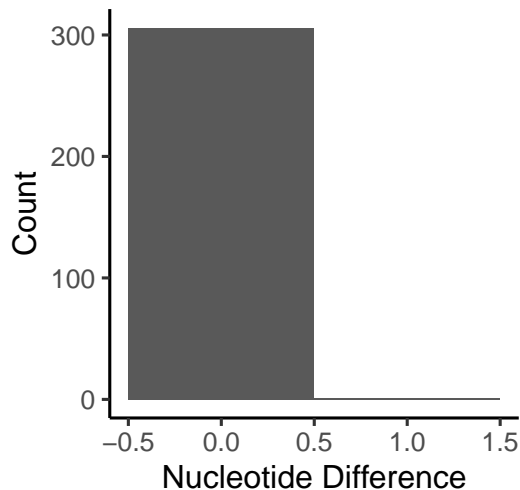
TRBV15*ap02

4905 sequences assigned
4858 (99%) exact matches, in which:
4777 unique CDR3
13 unique J



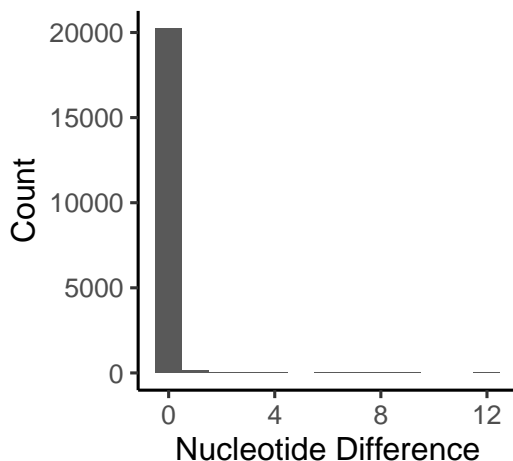
TRBV16*ap01

307 sequences assigned
306 (99.7%) exact matches, in which:
303 unique CDR3
13 unique J



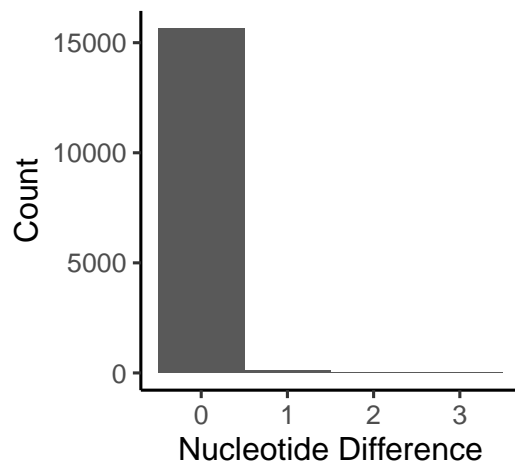
TRBV19*ap01

20429 sequences assigned
20255 (99.1%) exact matches, in which:
20087 unique CDR3
13 unique J



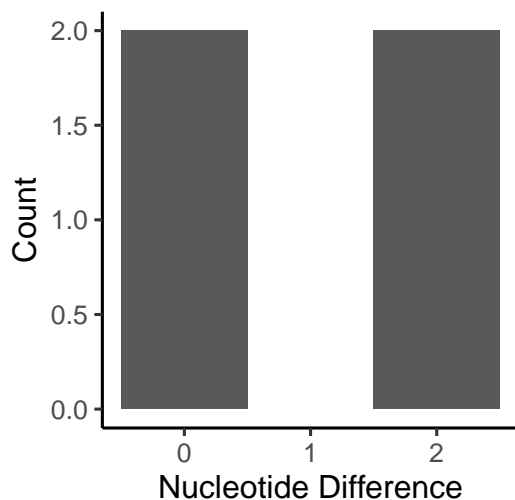
TRBV28*ap01

15781 sequences assigned
15660 (99.2%) exact matches, in which:
15448 unique CDR3
13 unique J



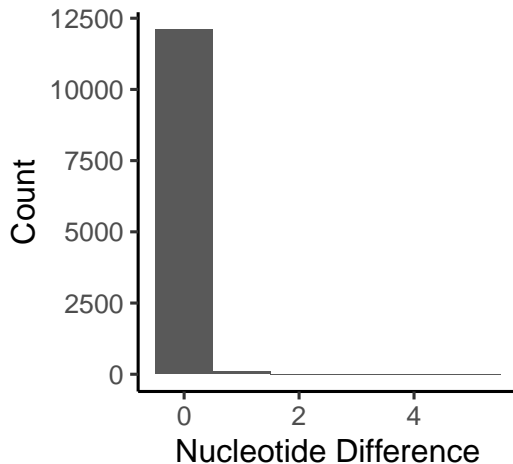
TRBV17*ap01

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



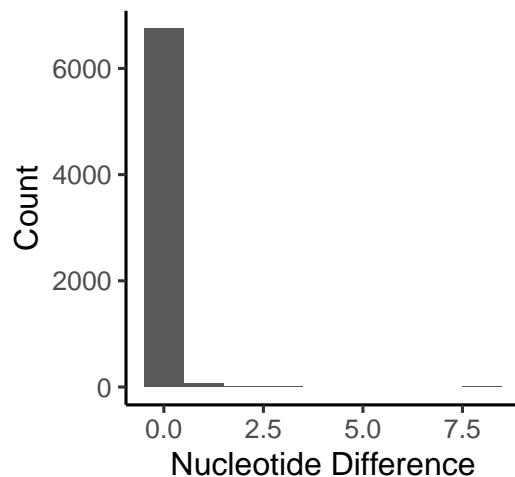
TRBV2*ap01

12204 sequences assigned
12105 (99.2%) exact matches, in which:
11908 unique CDR3
13 unique J



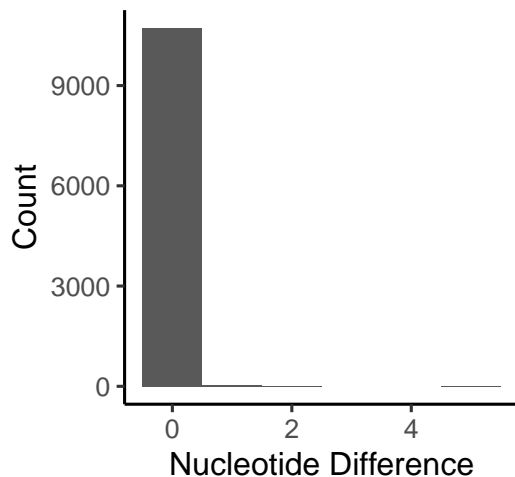
TRBV30*ap01

6829 sequences assigned
6748 (98.8%) exact matches, in which:
6623 unique CDR3
13 unique J



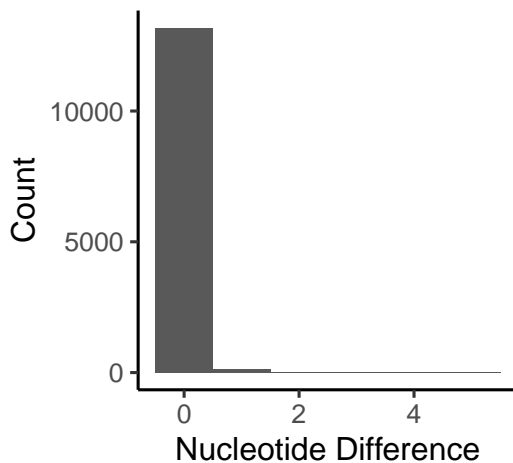
TRBV18*ap01

10765 sequences assigned
10721 (99.6%) exact matches, in which:
10627 unique CDR3
13 unique J



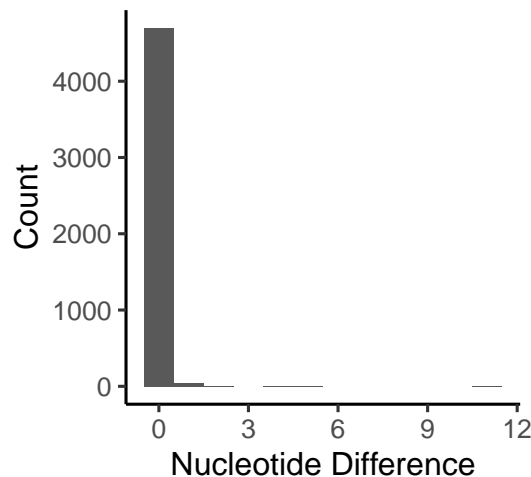
TRBV27*ap01

13310 sequences assigned
13182 (99%) exact matches, in which:
12942 unique CDR3
13 unique J



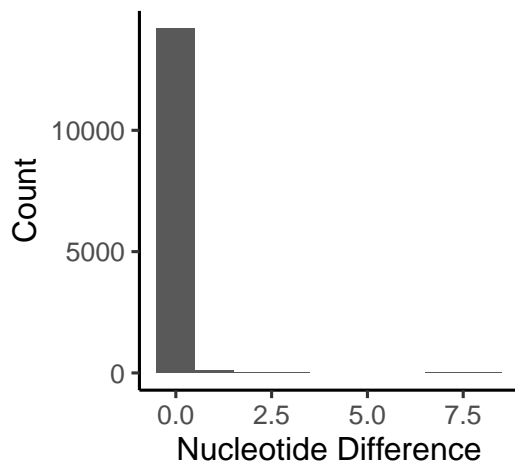
TRBV30*ap02

4746 sequences assigned
4697 (99%) exact matches, in which:
4616 unique CDR3
13 unique J



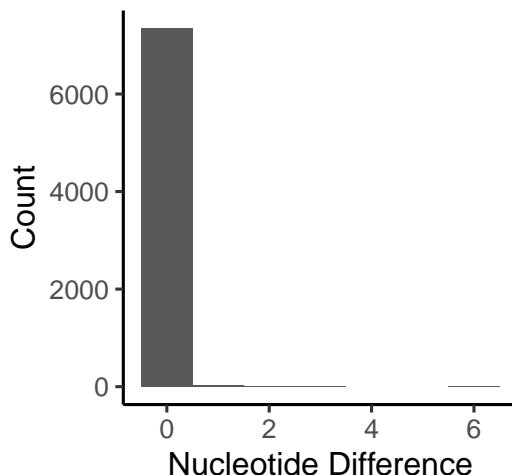
TRBV9*ap01

14319 sequences assigned
14211 (99.2%) exact matches, in which:
14042 unique CDR3
13 unique J



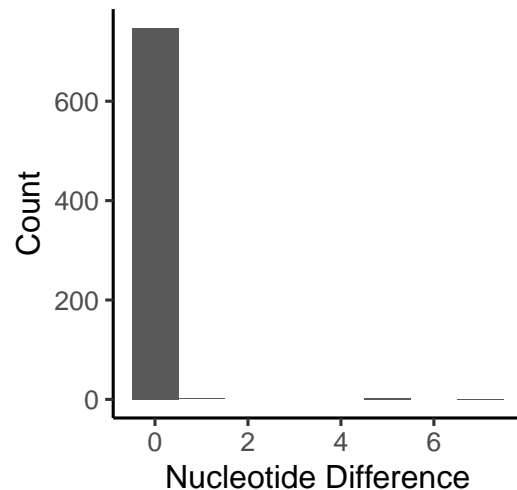
TRBV11-2*ap01

7374 sequences assigned
7345 (99.6%) exact matches, in which:
7299 unique CDR3
13 unique J



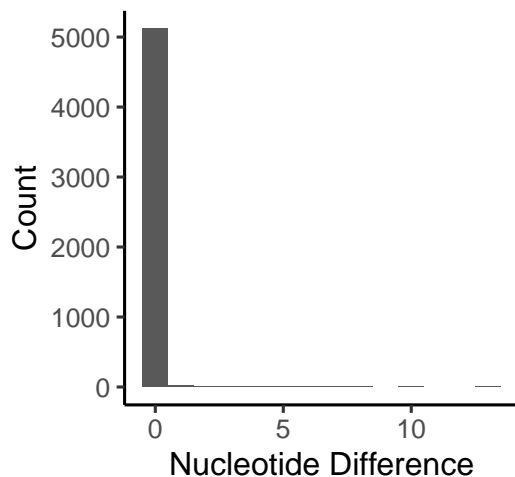
TRBV12-2*ap01

754 sequences assigned
748 (99.2%) exact matches, in which:
737 unique CDR3
13 unique J



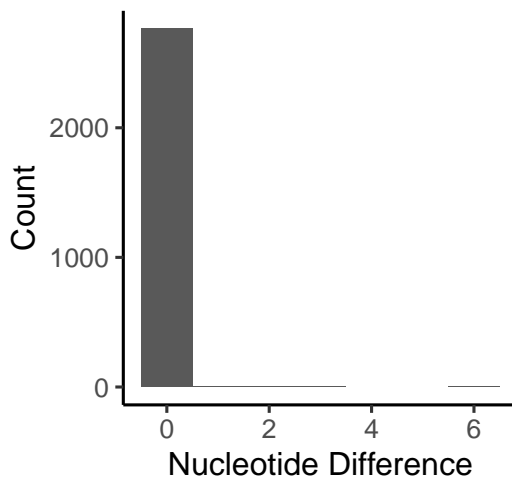
TRBV21-1*ap01

5169 sequences assigned
5119 (99%) exact matches, in which:
5078 unique CDR3
13 unique J



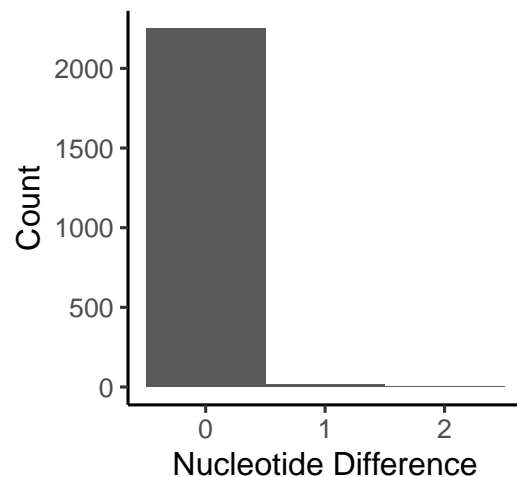
TRBV11-3*ap01

2775 sequences assigned
2764 (99.6%) exact matches, in which:
2751 unique CDR3
14 unique J



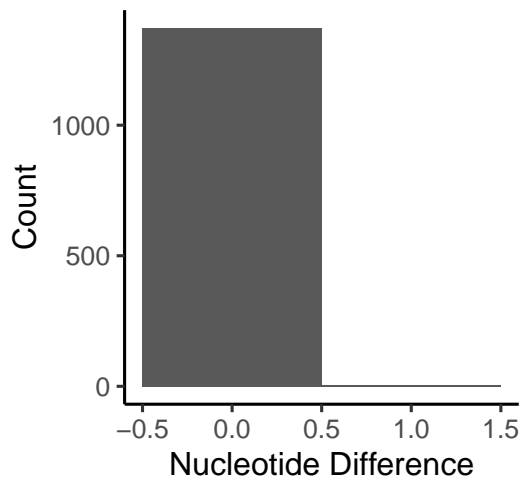
TRBV12-5*ap01

2268 sequences assigned
2249 (99.2%) exact matches, in which:
2212 unique CDR3
13 unique J



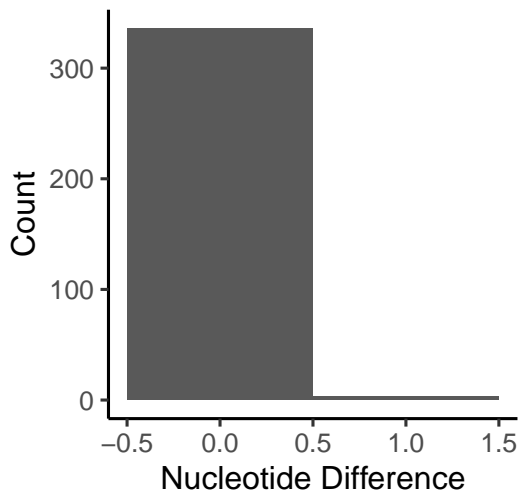
TRBV11-1*ap01

1376 sequences assigned
1372 (99.7%) exact matches, in which:
1365 unique CDR3
13 unique J



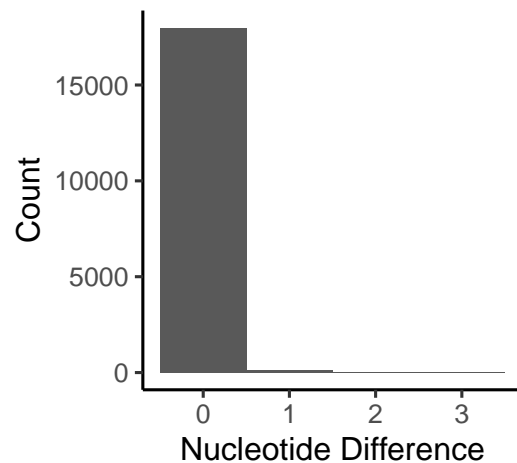
TRBV12-1*ap01

339 sequences assigned
336 (99.1%) exact matches, in which:
331 unique CDR3
13 unique J



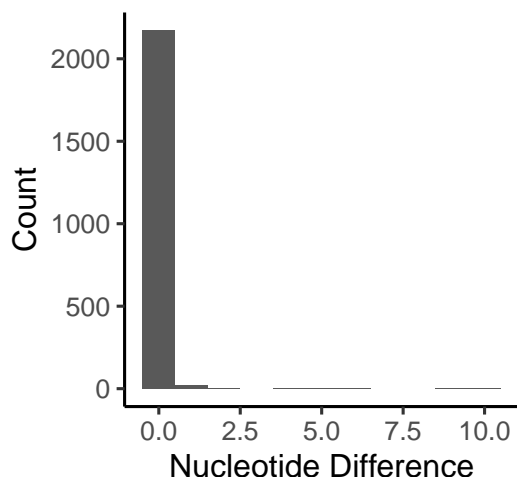
TRBV12-34*ap01

18141 sequences assigned
17984 (99.1%) exact matches, in which:
17697 unique CDR3
13 unique J



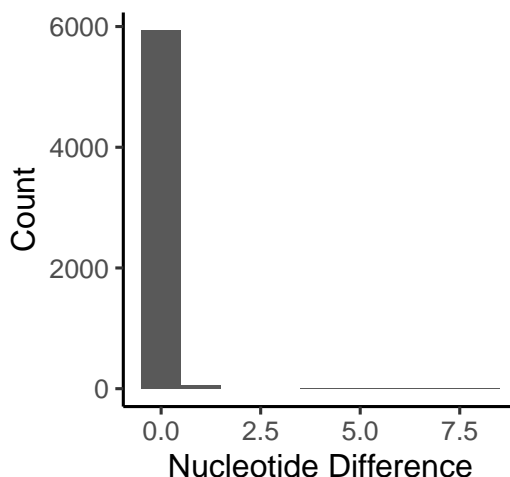
TRBV23-1*ap01

2202 sequences assigned
2172 (98.6%) exact matches, in which:
2141 unique CDR3
13 unique J



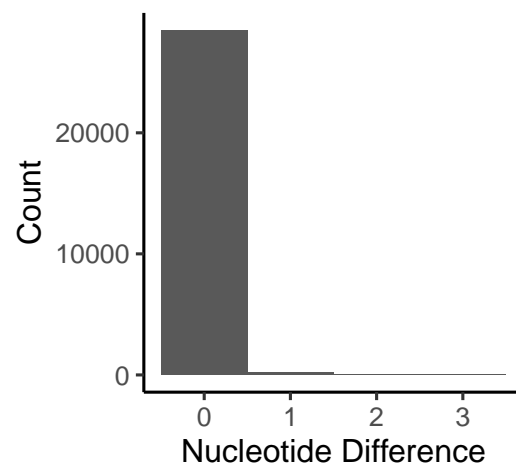
TRBV24-1*ap01

6004 sequences assigned
5936 (98.9%) exact matches, in which:
5835 unique CDR3
13 unique J



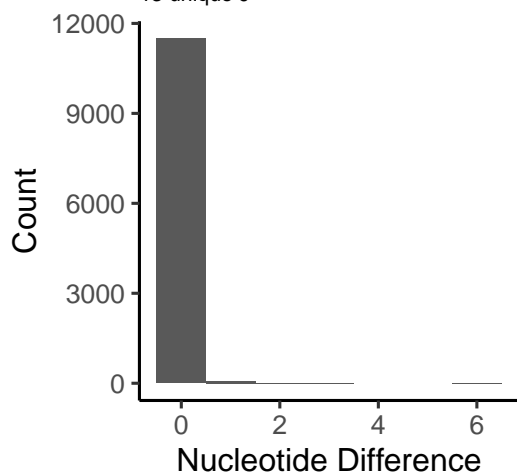
TRBV5-1*ap01

28722 sequences assigned
28481 (99.2%) exact matches, in which:
27894 unique CDR3
13 unique J



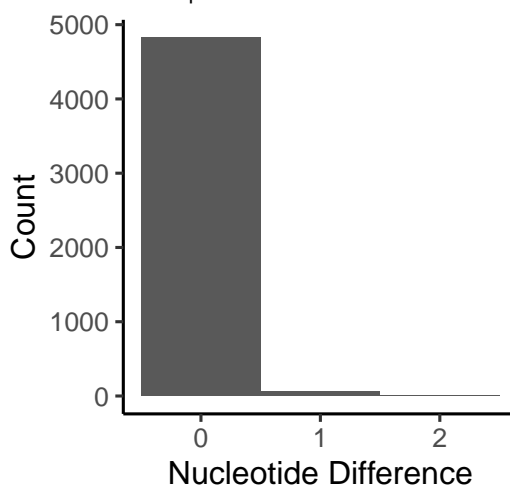
TRBV3-12*ap01

11582 sequences assigned
11498 (99.3%) exact matches, in which:
11392 unique CDR3
13 unique J



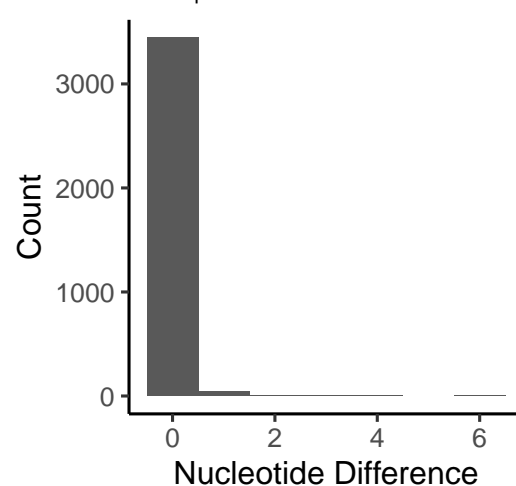
TRBV4-2*ap01

4884 sequences assigned
4824 (98.8%) exact matches, in which:
4748 unique CDR3
13 unique J



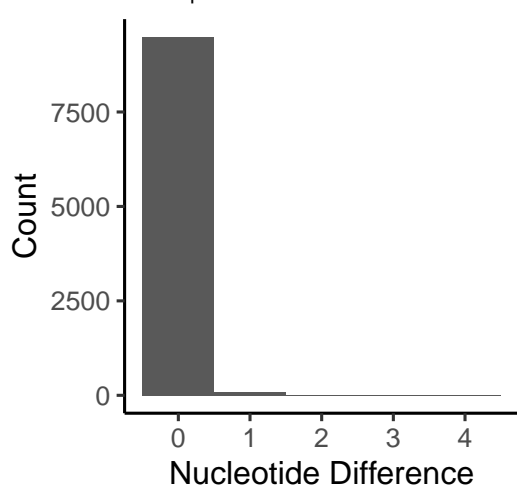
TRBV25-1*ap01

3494 sequences assigned
3444 (98.6%) exact matches, in which:
3374 unique CDR3
13 unique J



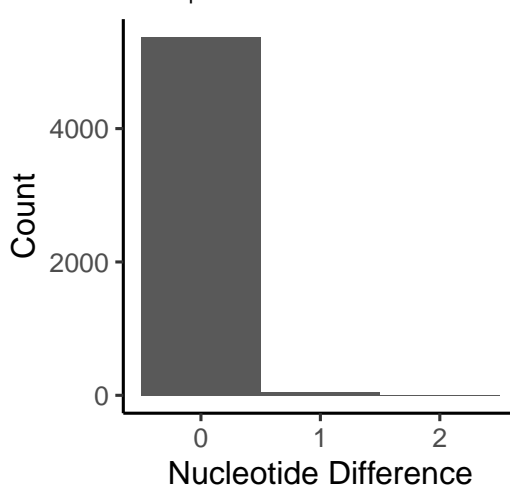
TRBV4-1*ap01

9571 sequences assigned
9484 (99.1%) exact matches, in which:
9295 unique CDR3
13 unique J



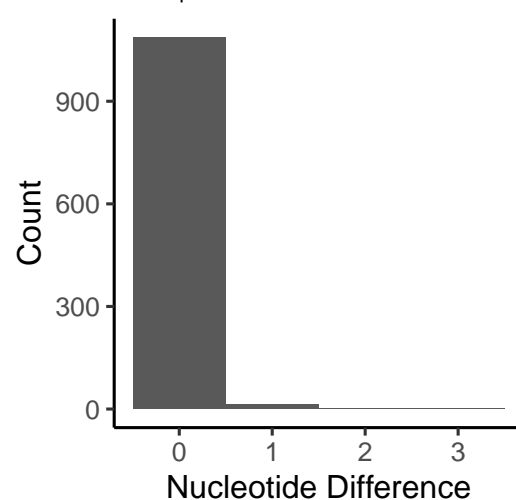
TRBV4-3*ap01

5426 sequences assigned
5373 (99%) exact matches, in which:
5260 unique CDR3
13 unique J



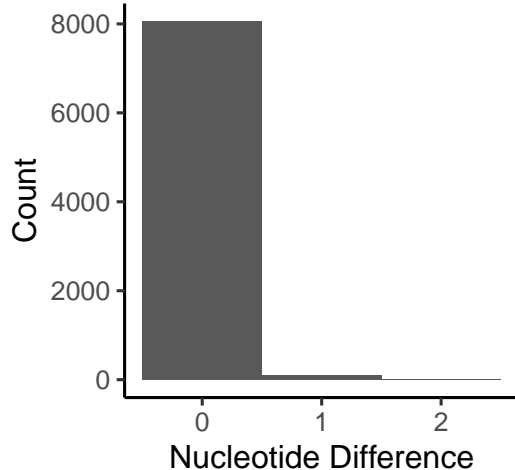
TRBV5-3*ap01

1103 sequences assigned
1087 (98.5%) exact matches, in which:
1077 unique CDR3
13 unique J



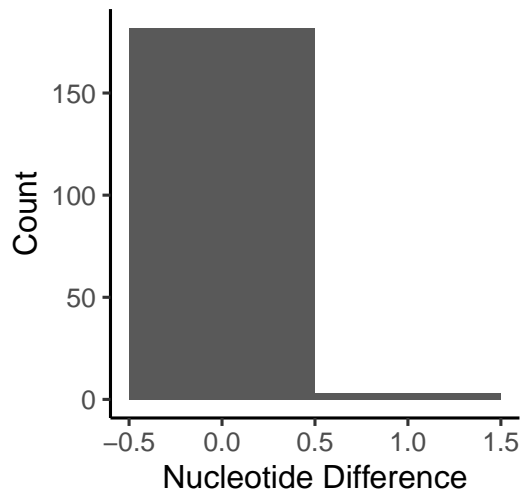
TRBV5-4*ap01

8149 sequences assigned
8056 (98.9%) exact matches, in which:
7905 unique CDR3
13 unique J



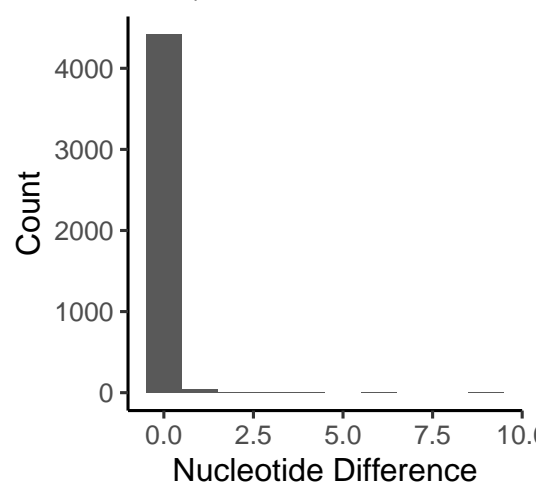
TRBV5-7*ap01

185 sequences assigned
182 (98.4%) exact matches, in which:
176 unique CDR3
13 unique J



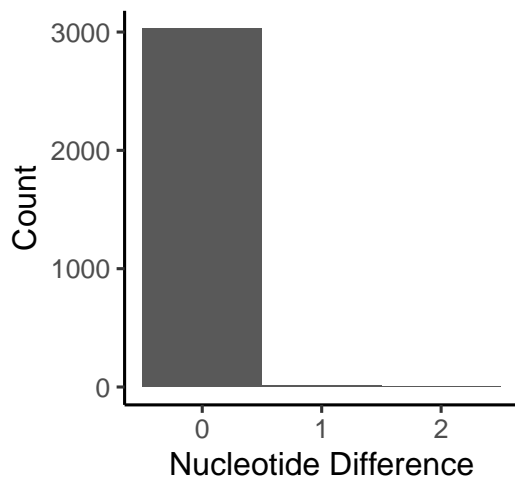
TRBV6-4*ap01

4469 sequences assigned
4418 (98.9%) exact matches, in which:
4367 unique CDR3
13 unique J



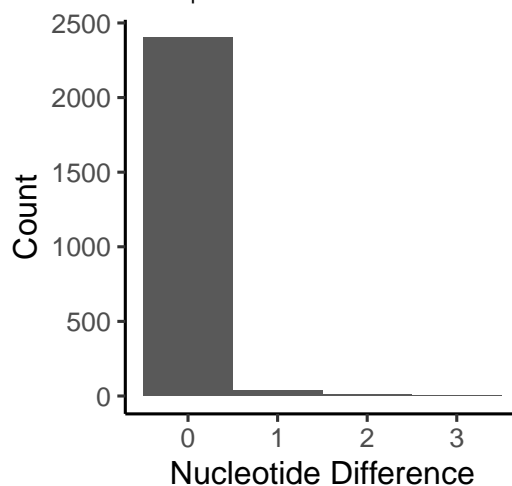
TRBV5-5*ap01

3046 sequences assigned
3028 (99.4%) exact matches, in which:
3003 unique CDR3
13 unique J



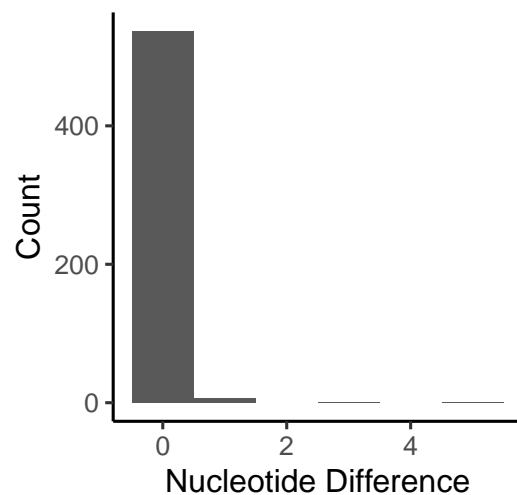
TRBV5-8*ap01

2447 sequences assigned
2401 (98.1%) exact matches, in which:
2363 unique CDR3
13 unique J



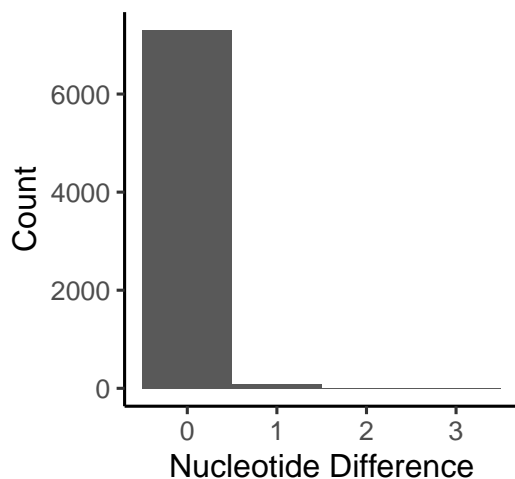
TRBV6-7*ap01

545 sequences assigned
537 (98.5%) exact matches, in which:
525 unique CDR3
13 unique J



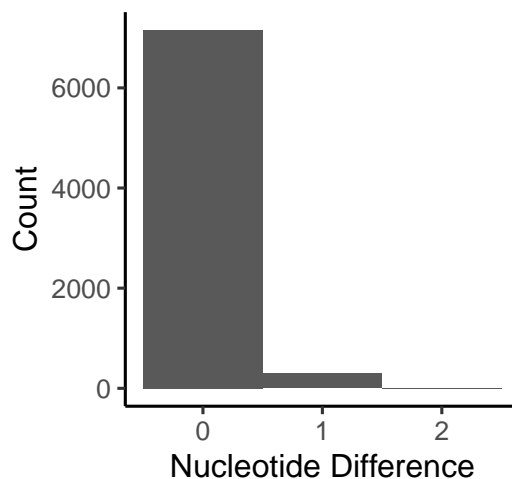
TRBV5-6*ap01

7394 sequences assigned
7305 (98.8%) exact matches, in which:
7107 unique CDR3
13 unique J



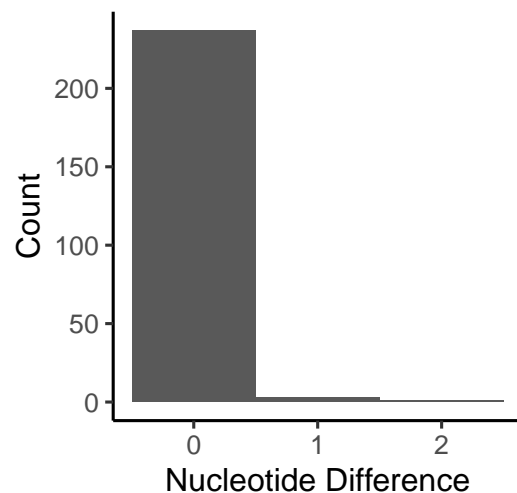
TRBV6-1*ap01

7452 sequences assigned
7155 (96%) exact matches, in which:
7031 unique CDR3
13 unique J



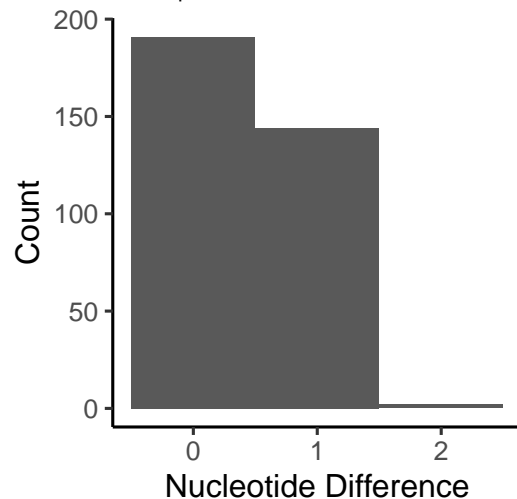
TRBV6-8*ap01

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



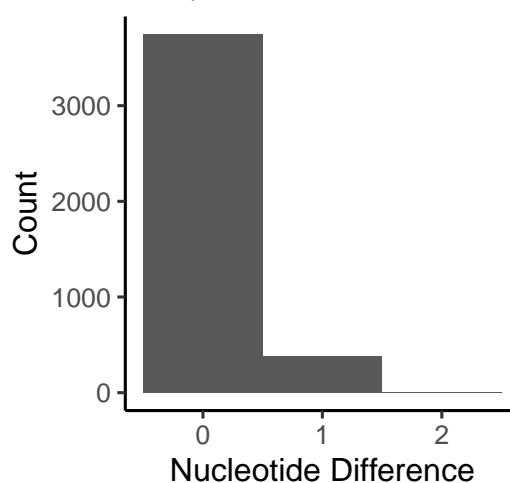
TRBV6–9*ap01

337 sequences assigned
191 (56.7%) exact matches, in which:
183 unique CDR3
13 unique J



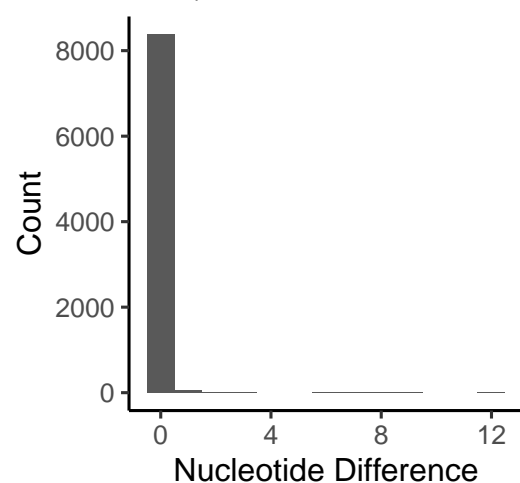
TRBV6–56*ap02

4133 sequences assigned
3745 (90.6%) exact matches, in which:
3680 unique CDR3
13 unique J



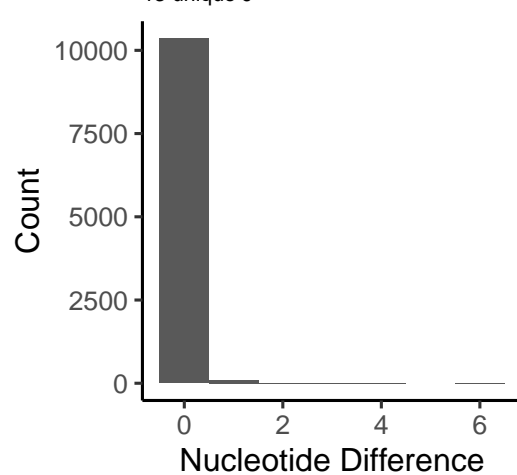
TRBV7–3*ap01

8448 sequences assigned
8380 (99.2%) exact matches, in which:
8308 unique CDR3
13 unique J



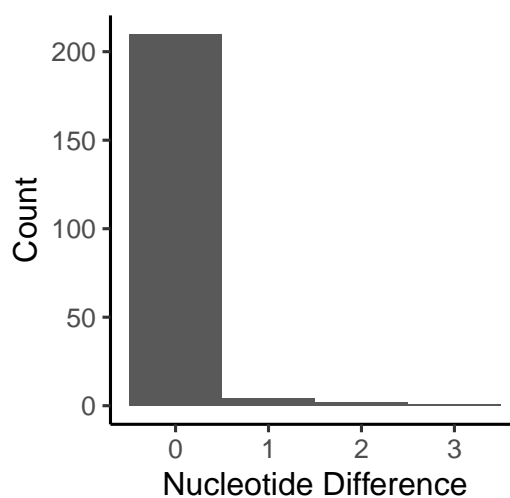
TRBV6–23*ap01

10457 sequences assigned
10357 (99%) exact matches, in which:
10116 unique CDR3
13 unique J



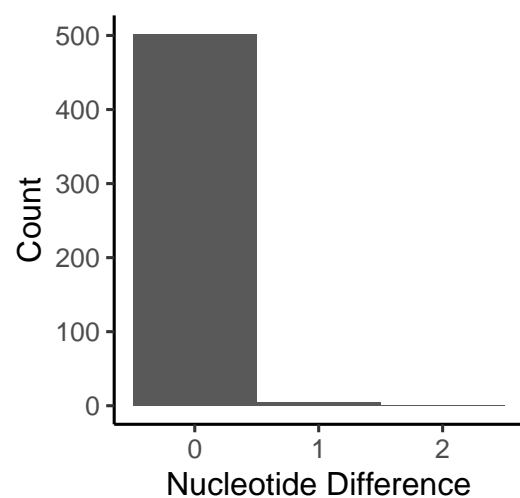
TRBV7–1*ap01_G291C_

217 sequences assigned
210 (96.8%) exact matches, in which:
209 unique CDR3
13 unique J



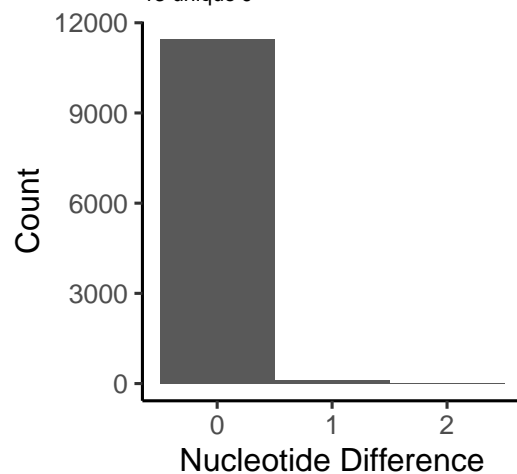
TRBV7–4*ap01

508 sequences assigned
502 (98.8%) exact matches, in which:
494 unique CDR3
13 unique J



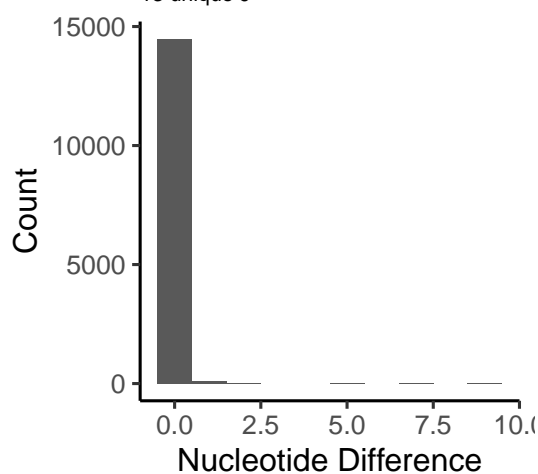
TRBV6–56*ap01

11591 sequences assigned
11467 (98.9%) exact matches, in which:
11260 unique CDR3
13 unique J



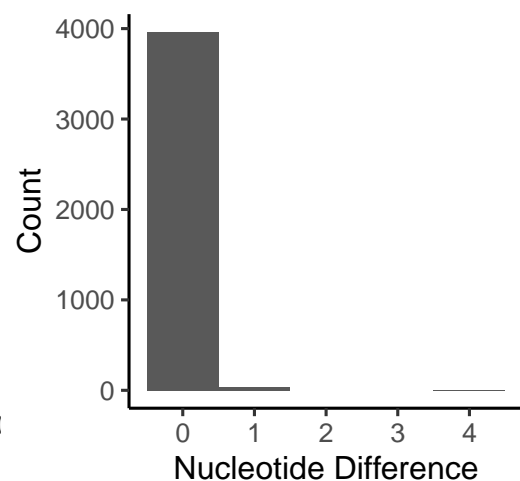
TRBV7–2*ap01

14586 sequences assigned
14485 (99.3%) exact matches, in which:
14304 unique CDR3
13 unique J



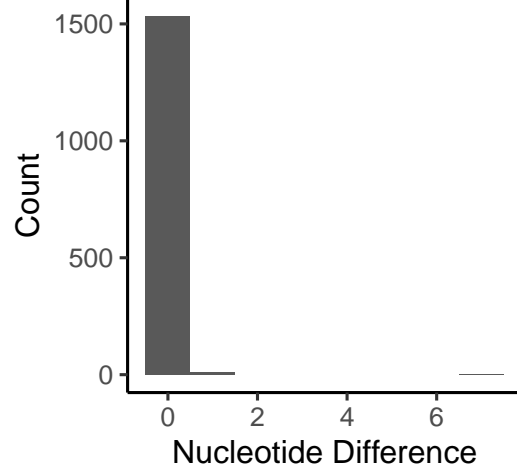
TRBV7–6*ap01

3997 sequences assigned
3962 (99.1%) exact matches, in which:
3887 unique CDR3
13 unique J



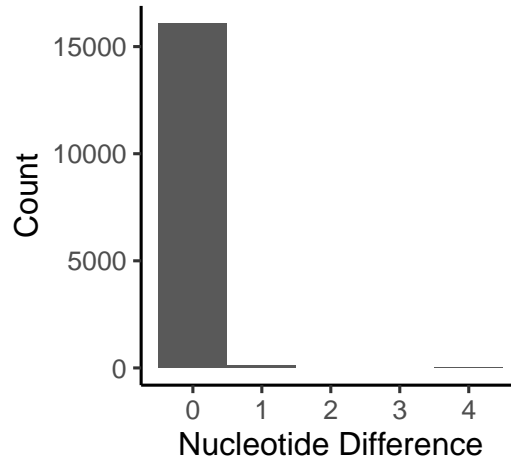
TRBV7-7*ap01

1543 sequences assigned
1532 (99.3%) exact matches, in which:
1503 unique CDR3
13 unique J



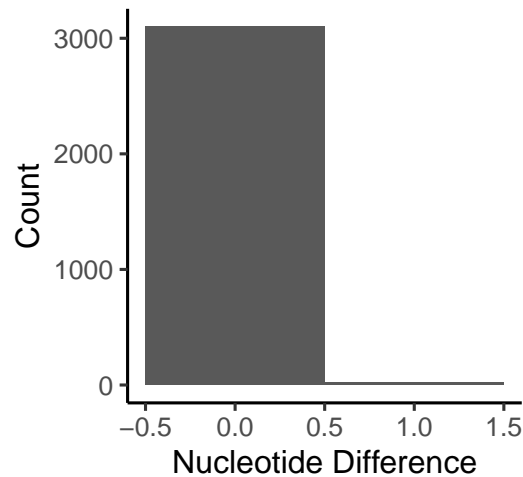
TRBV7-9*ap01

16225 sequences assigned
16095 (99.2%) exact matches, in which:
15877 unique CDR3
13 unique J



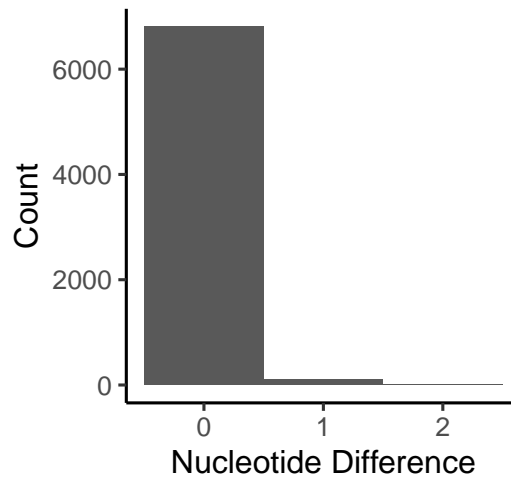
TRBV7-8*ap01

3120 sequences assigned
3100 (99.4%) exact matches, in which:
3046 unique CDR3
13 unique J



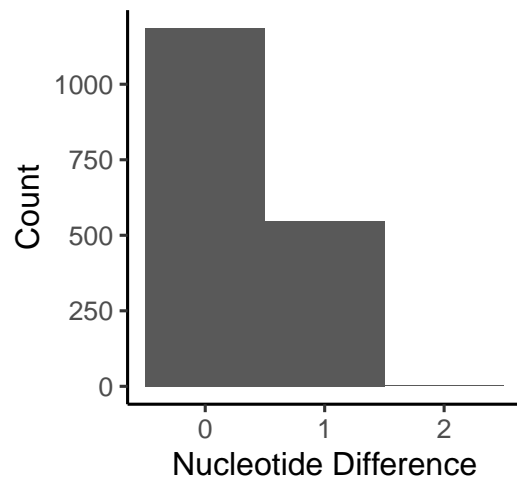
TRBV29-1*ap01

6902 sequences assigned
6806 (98.6%) exact matches, in which:
6653 unique CDR3
13 unique J



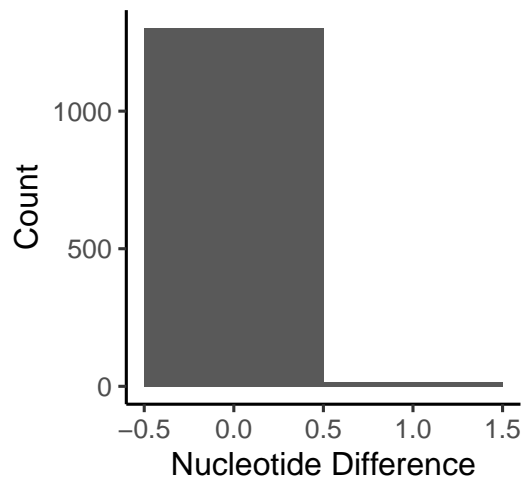
TRBV7-8*ap03

1736 sequences assigned
1186 (68.3%) exact matches, in which:
1165 unique CDR3
13 unique J

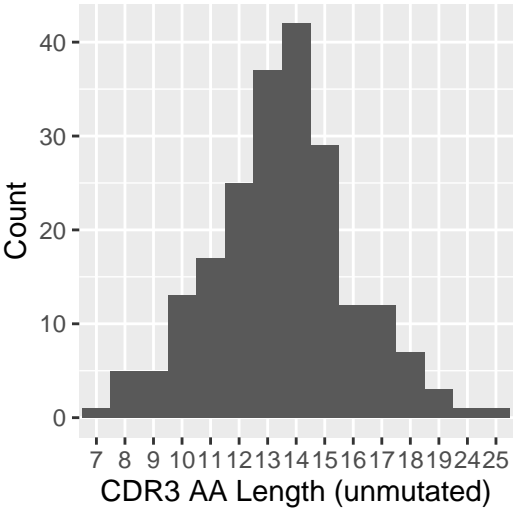


TRBV29-1*ap02

1317 sequences assigned
1302 (98.9%) exact matches, in which:
1273 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C





[illegible]