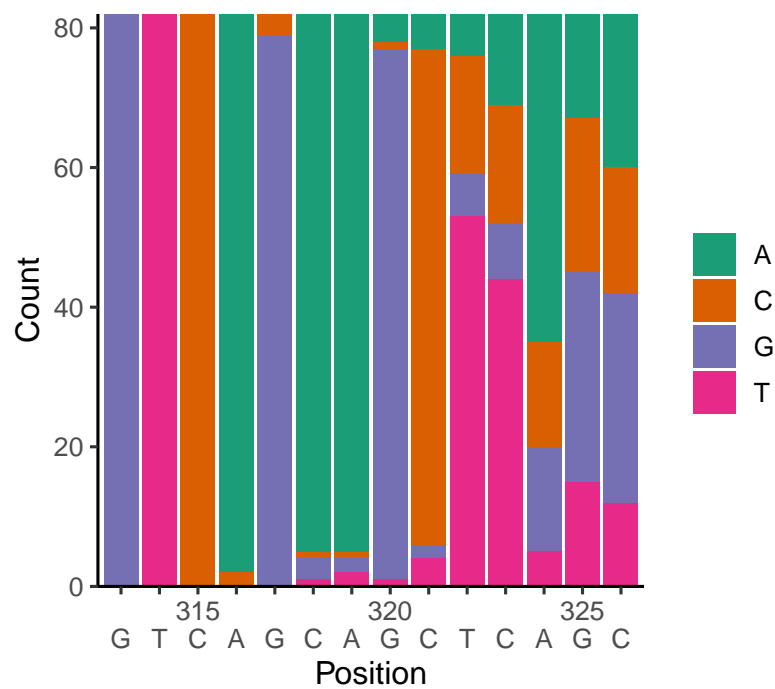
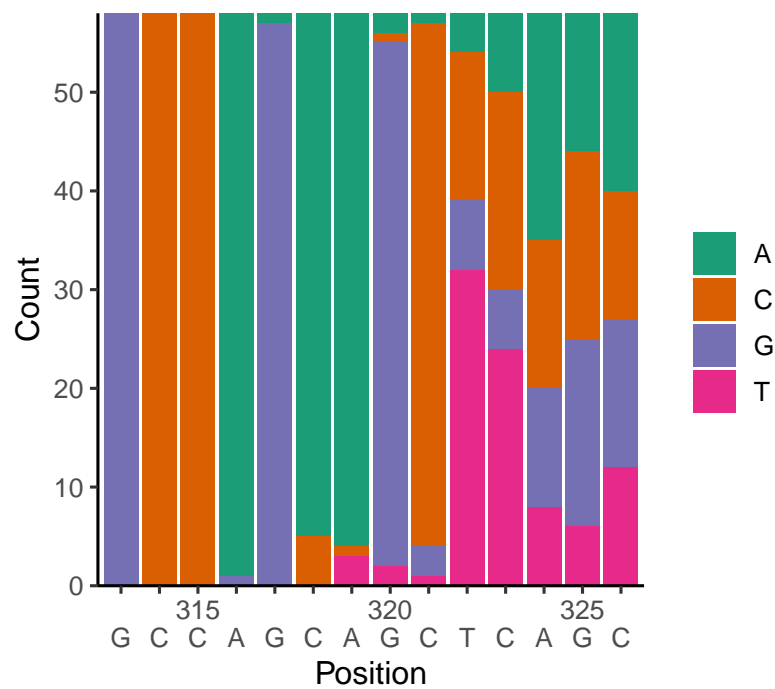


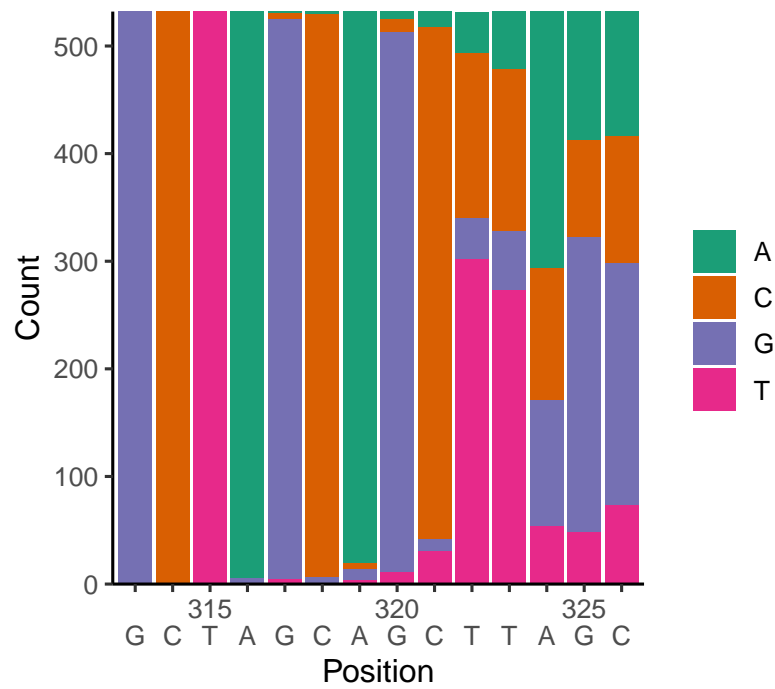
Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C_C314T



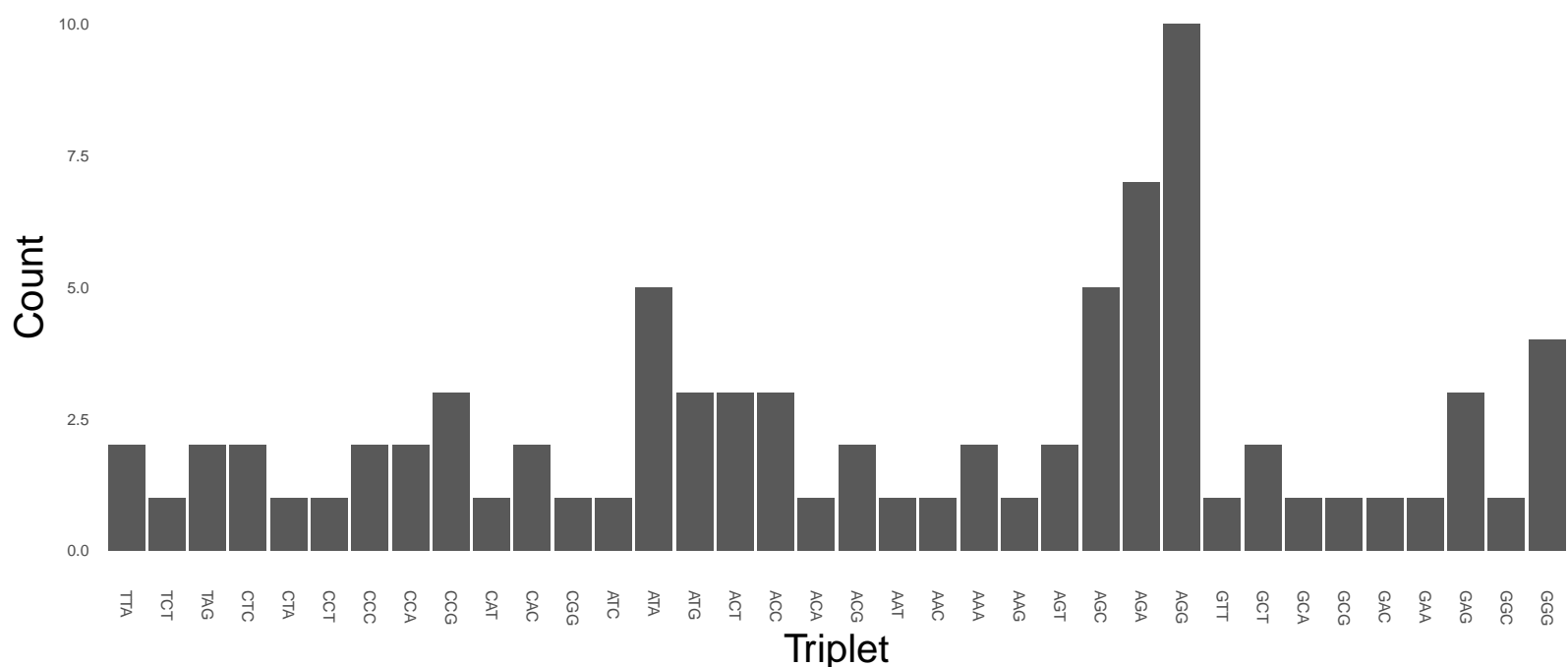
Gene TRBV7-1*ap01_G291C_T296C



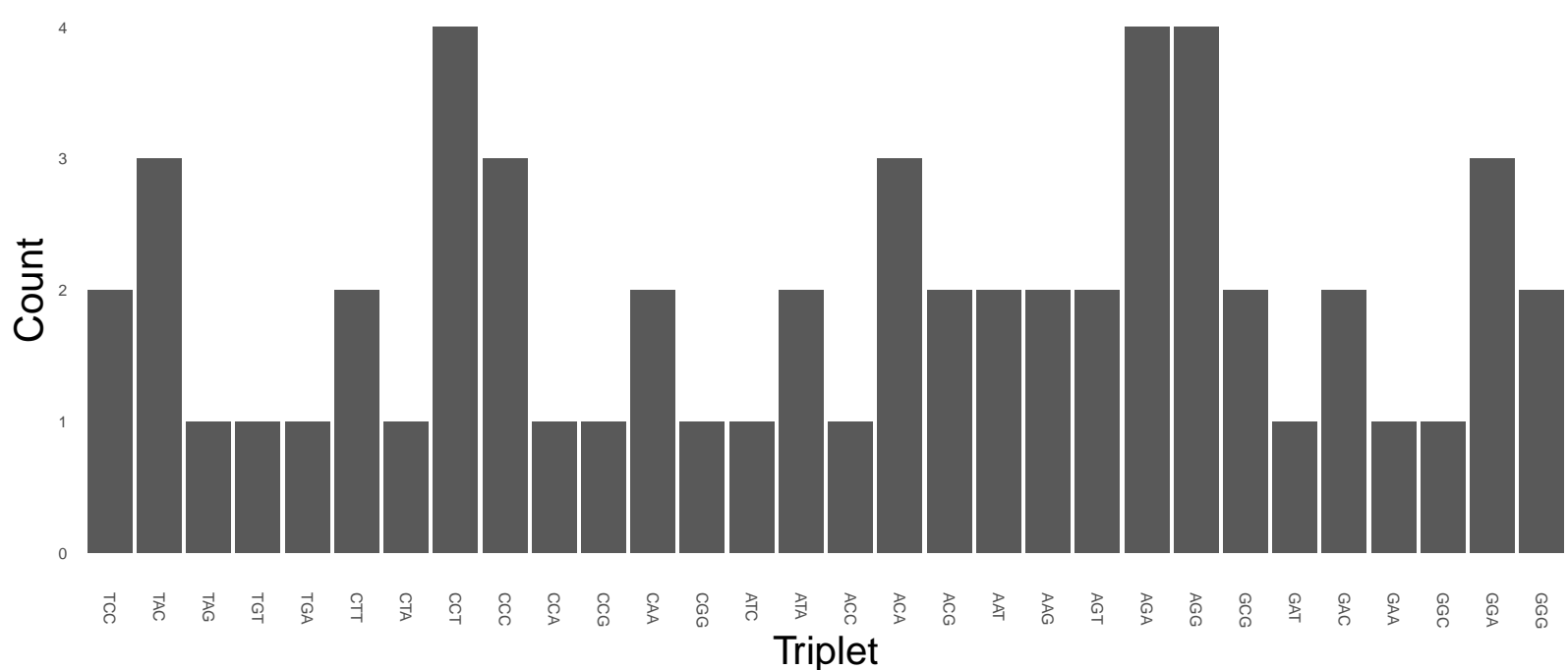
Gene TRBV7-7*ap01_C315T



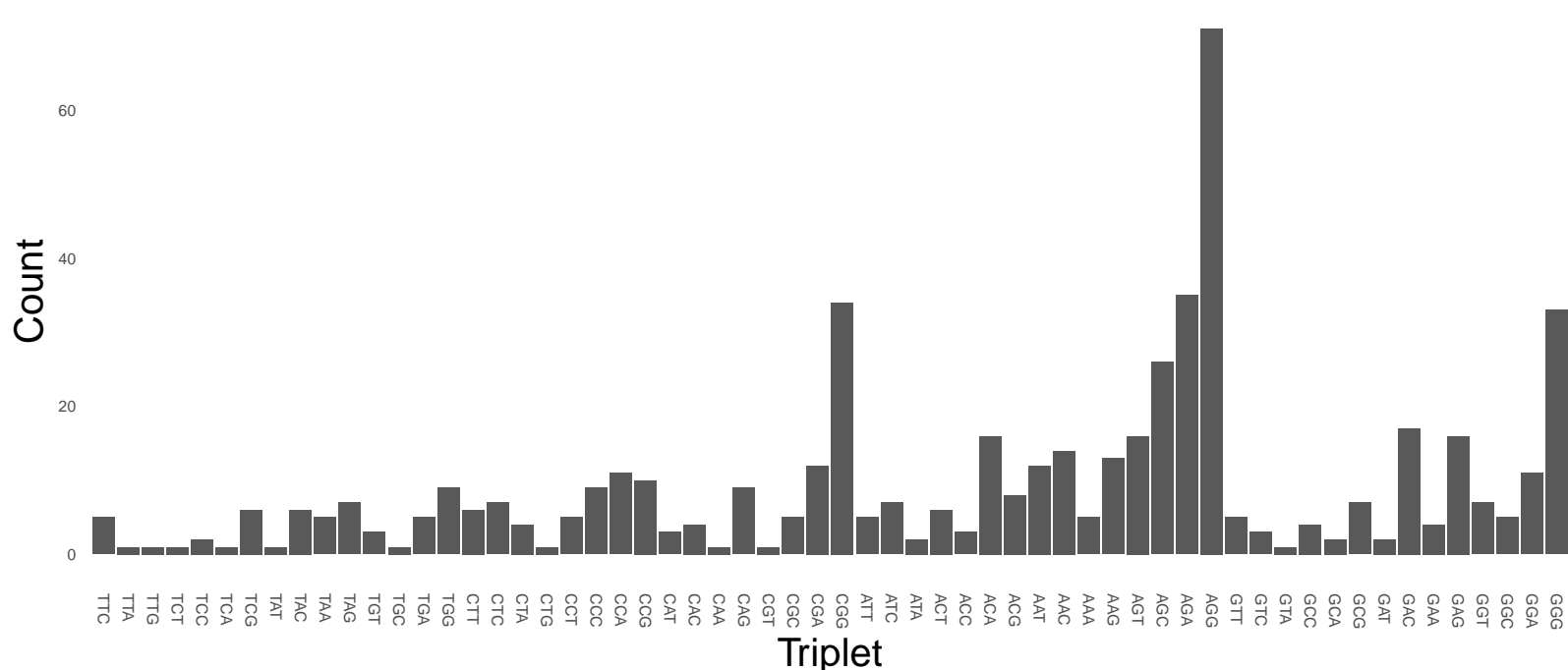
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

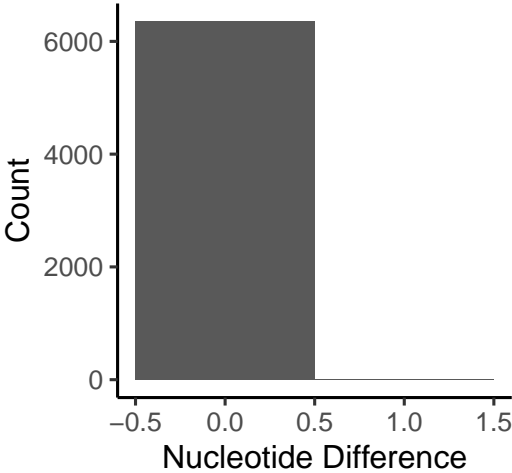


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



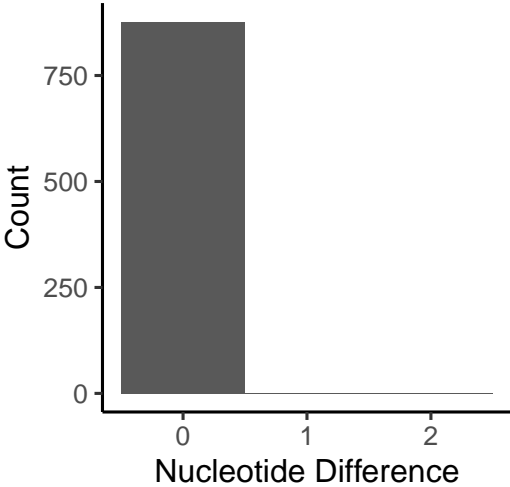
TRBV20–1*ap01

6369 sequences assigned
6354 (99.8%) exact matches, in which:
6351 unique CDR3
13 unique J



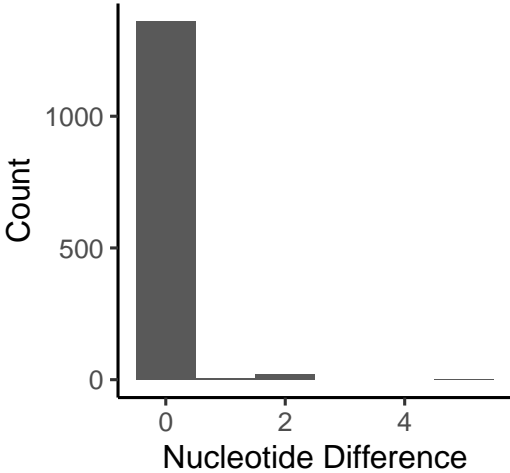
TRBV10–2*ap01

879 sequences assigned
877 (99.8%) exact matches, in which:
877 unique CDR3
13 unique J



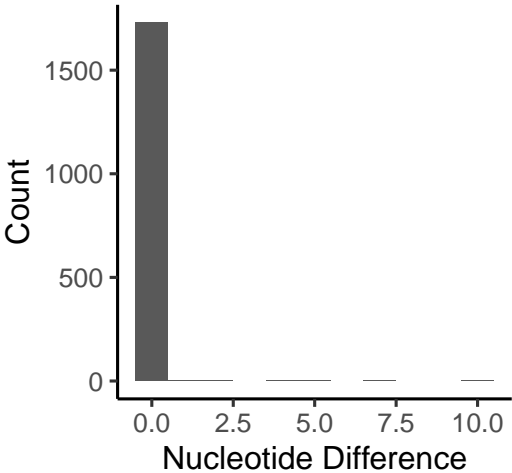
TRBV13*ap01

1387 sequences assigned
1360 (98.1%) exact matches, in which:
1358 unique CDR3
13 unique J



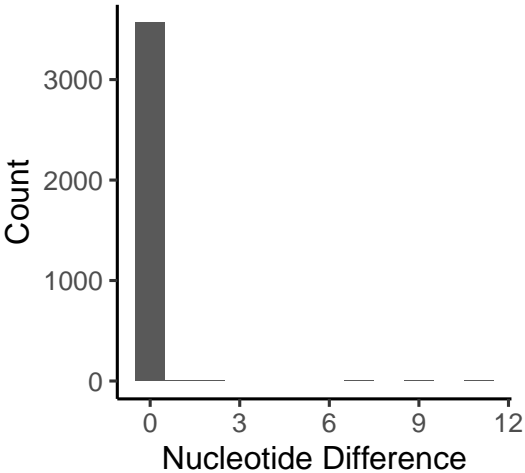
TRBV10–1*ap01

1738 sequences assigned
1729 (99.5%) exact matches, in which:
1729 unique CDR3
13 unique J



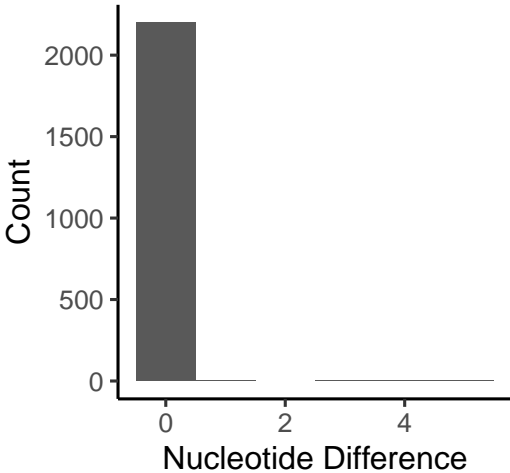
TRBV10–3*ap01

3582 sequences assigned
3566 (99.6%) exact matches, in which:
3564 unique CDR3
13 unique J



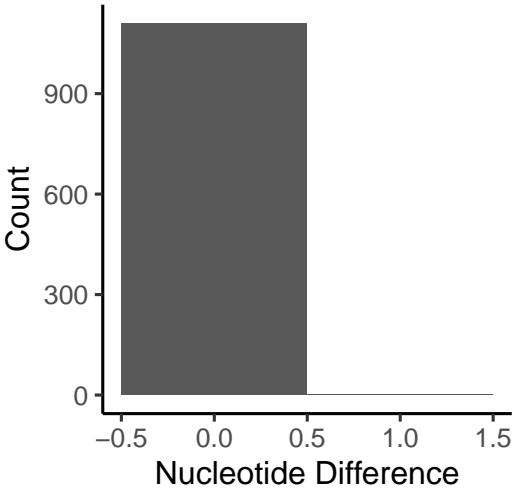
TRBV14*ap01

2207 sequences assigned
2199 (99.6%) exact matches, in which:
2199 unique CDR3
13 unique J



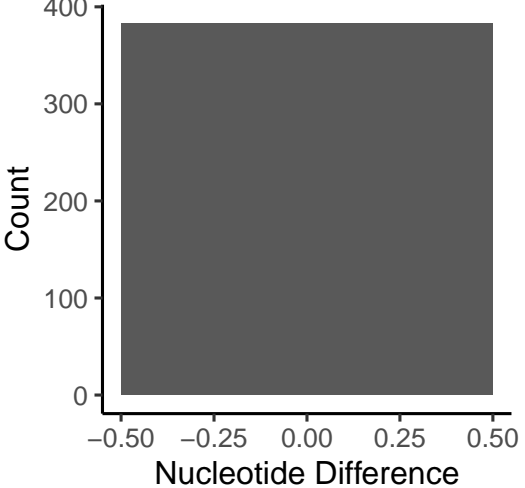
TRBV20–1*ap02

1111 sequences assigned
1110 (99.9%) exact matches, in which:
1109 unique CDR3
13 unique J



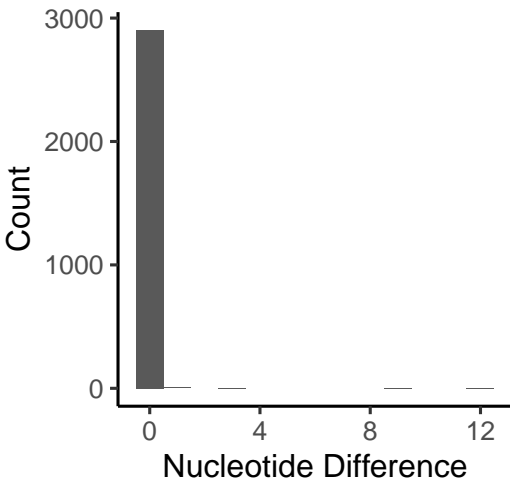
TRBV1*ap01

383 sequences assigned
383 (100%) exact matches, in which:
383 unique CDR3
13 unique J



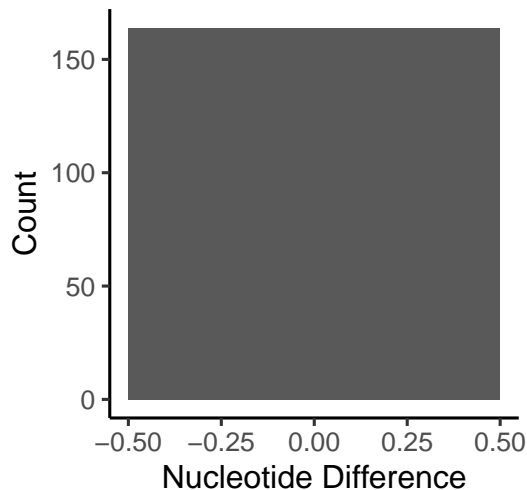
TRBV15*ap02

2914 sequences assigned
2903 (99.6%) exact matches, in which:
2900 unique CDR3
13 unique J



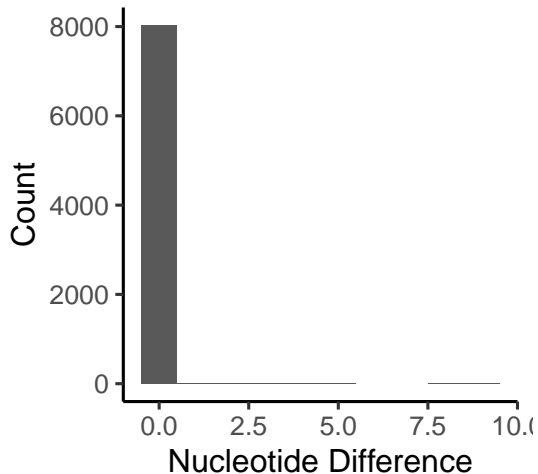
TRBV16*ap01

164 sequences assigned
164 (100%) exact matches, in which:
164 unique CDR3
13 unique J



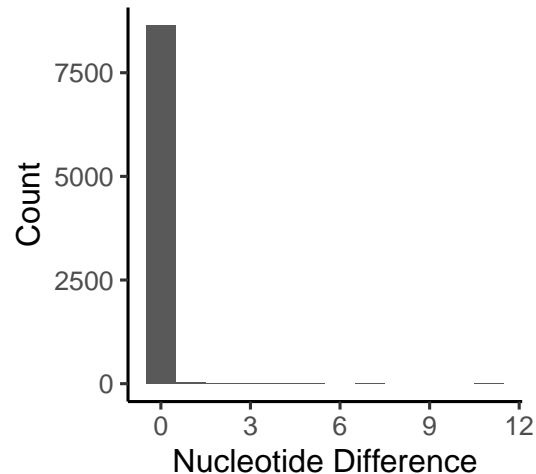
TRBV19*ap01

8058 sequences assigned
8026 (99.6%) exact matches, in which:
8024 unique CDR3
14 unique J



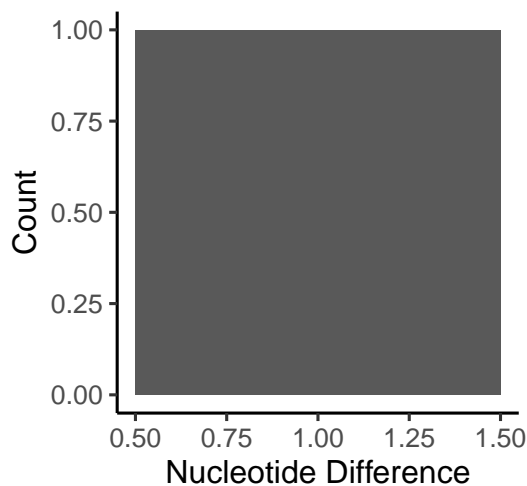
TRBV27*ap01

8677 sequences assigned
8641 (99.6%) exact matches, in which:
8608 unique CDR3
13 unique J



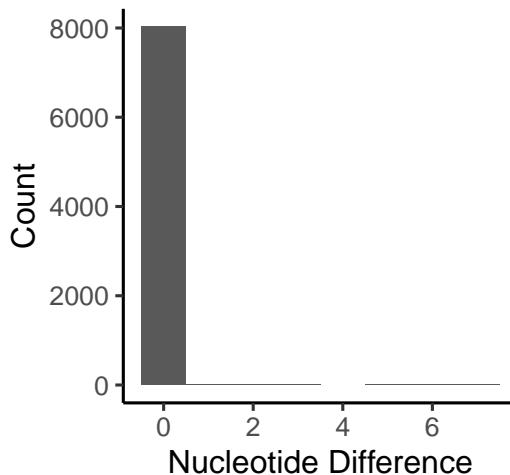
TRBV17*ap01

1 sequences assigned
No exact matches.



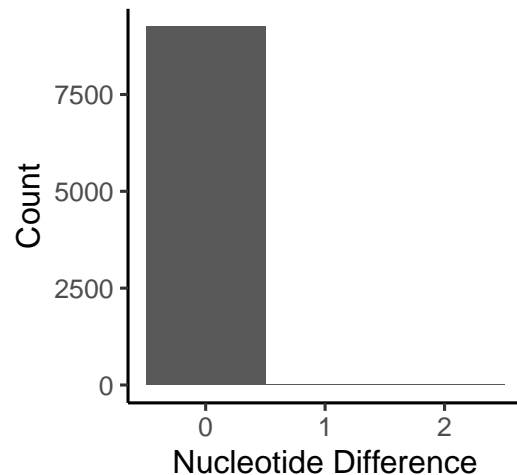
TRBV2*ap01

8054 sequences assigned
8028 (99.7%) exact matches, in which:
7999 unique CDR3
13 unique J



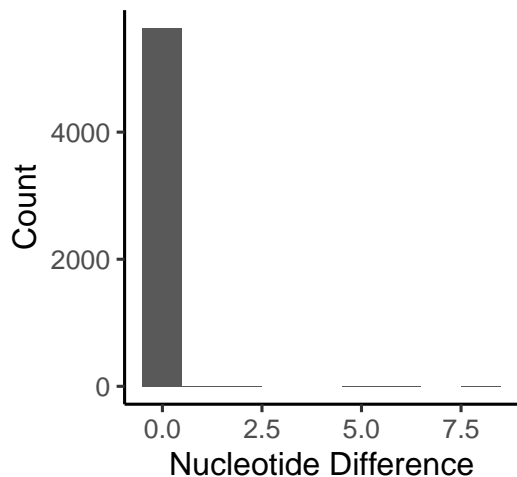
TRBV28*ap01

9274 sequences assigned
9249 (99.7%) exact matches, in which:
9245 unique CDR3
13 unique J



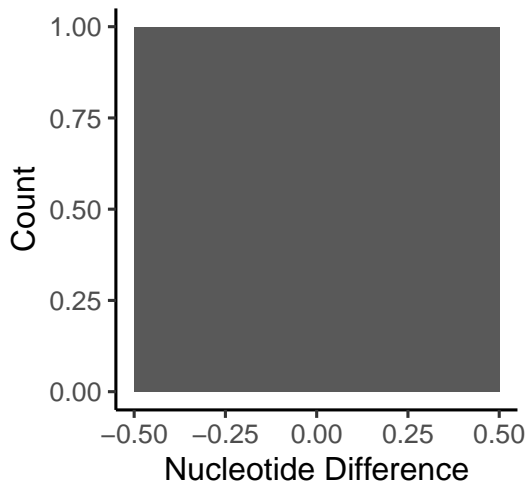
TRBV18*ap01

5646 sequences assigned
5638 (99.9%) exact matches, in which:
5636 unique CDR3
13 unique J



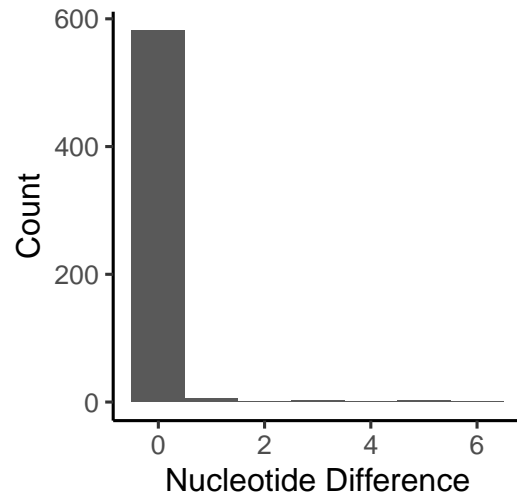
TRBV26*ap01

1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J



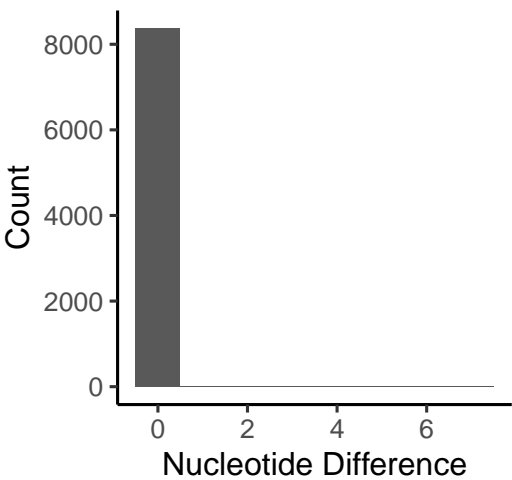
TRBV30*ap02

595 sequences assigned
582 (97.8%) exact matches, in which:
581 unique CDR3
13 unique J



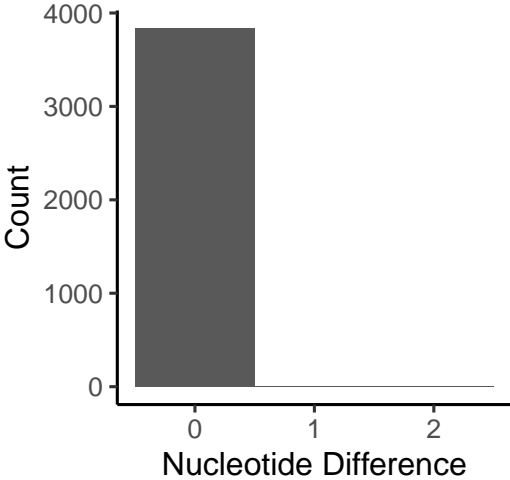
TRBV9*ap01

8385 sequences assigned
8371 (99.8%) exact matches, in which:
8365 unique CDR3
13 unique J



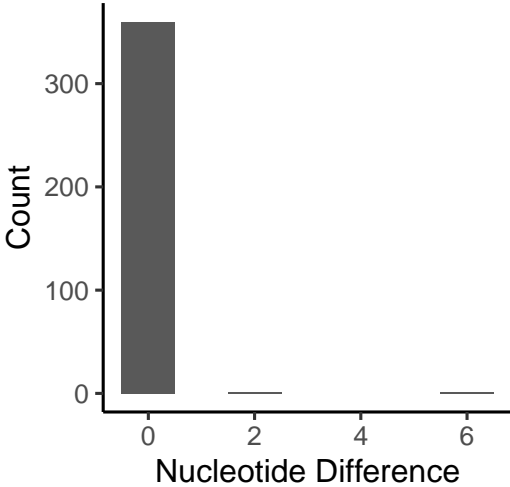
TRBV11-2*ap01

3839 sequences assigned
3835 (99.9%) exact matches, in which:
3834 unique CDR3
13 unique J



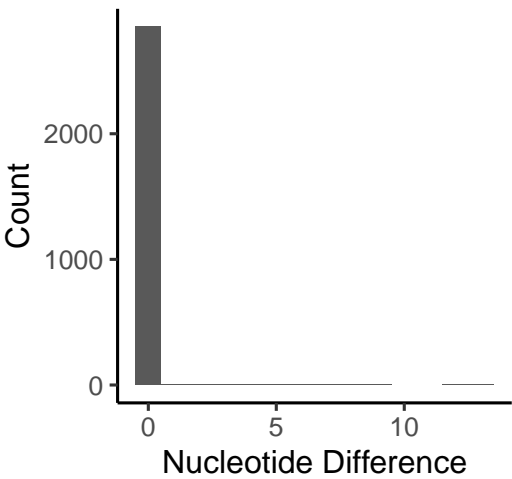
TRBV12-2*ap01

362 sequences assigned
360 (99.4%) exact matches, in which:
360 unique CDR3
13 unique J



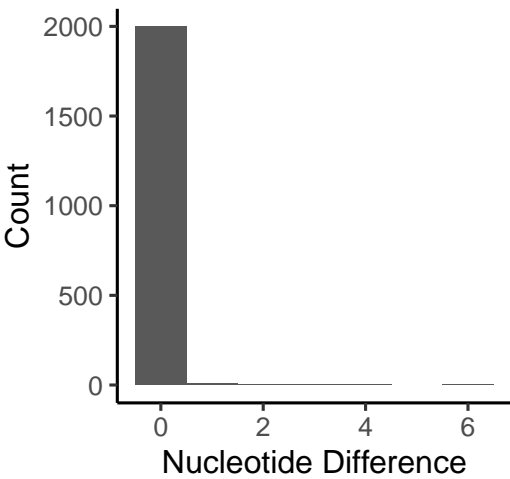
TRBV21-1*ap01

2883 sequences assigned
2852 (98.9%) exact matches, in which:
2851 unique CDR3
13 unique J



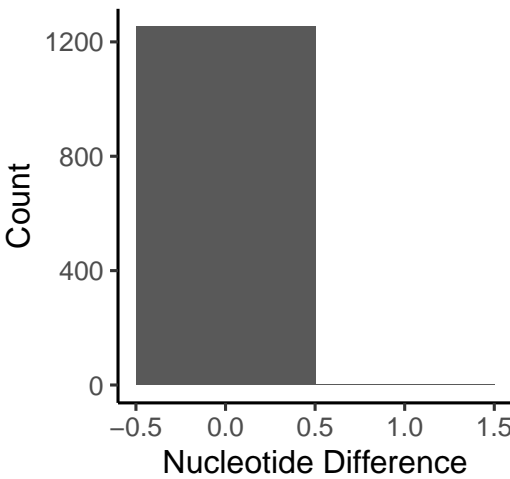
TRBV11-3*ap01

2009 sequences assigned
1998 (99.5%) exact matches, in which:
1997 unique CDR3
13 unique J



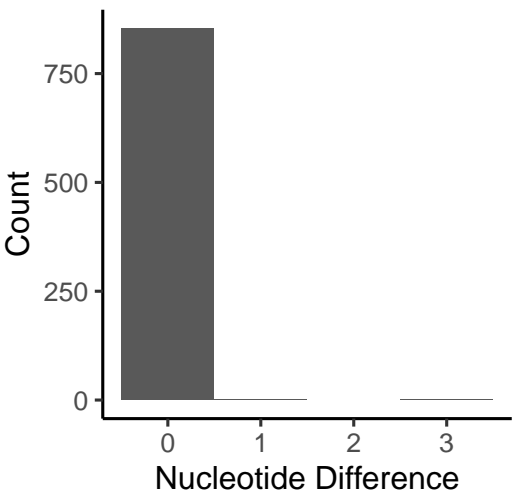
TRBV12-5*ap01

1255 sequences assigned
1253 (99.8%) exact matches, in which:
1251 unique CDR3
13 unique J



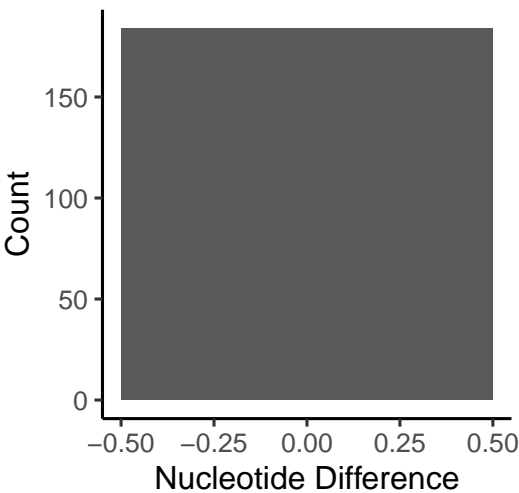
TRBV11-1*ap01

857 sequences assigned
854 (99.6%) exact matches, in which:
854 unique CDR3
13 unique J



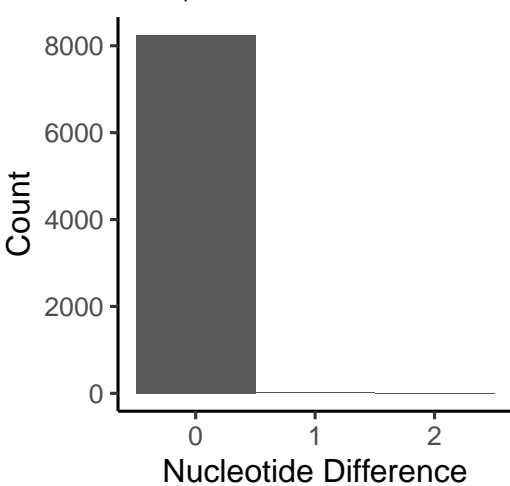
TRBV12-1*ap01

184 sequences assigned
184 (100%) exact matches, in which:
184 unique CDR3
13 unique J



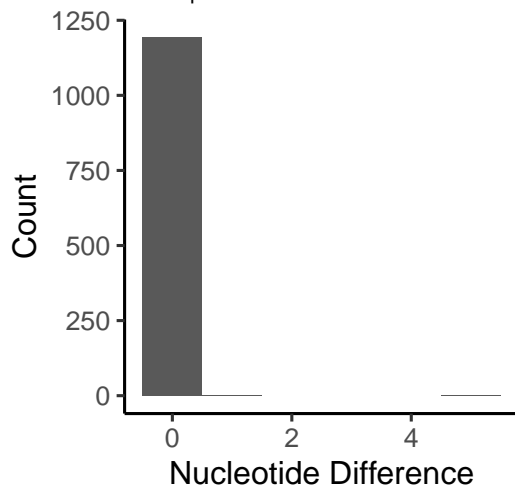
TRBV12-34*ap01

8269 sequences assigned
8247 (99.7%) exact matches, in which:
8244 unique CDR3
13 unique J



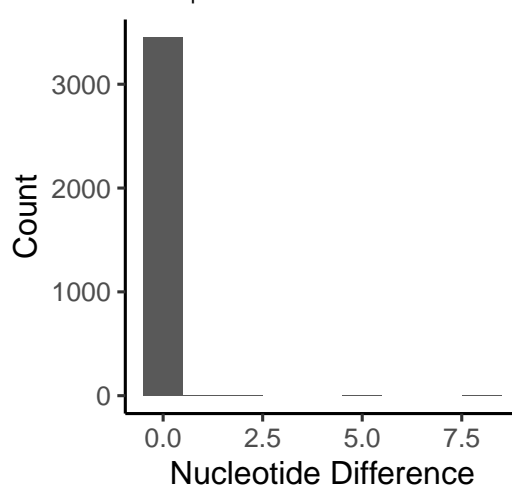
TRBV23-1*ap01

1195 sequences assigned
1193 (99.8%) exact matches, in which:
1193 unique CDR3
13 unique J



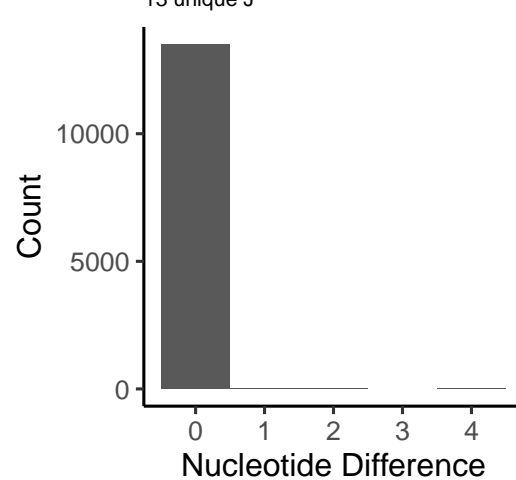
TRBV4-1*ap01

3460 sequences assigned
3451 (99.7%) exact matches, in which:
3449 unique CDR3
13 unique J



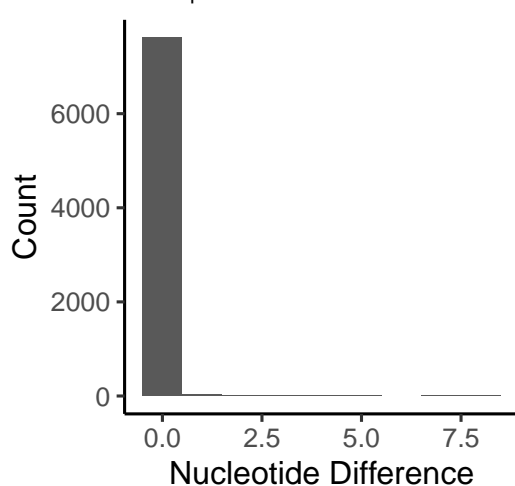
TRBV5-1*ap01

13543 sequences assigned
13509 (99.7%) exact matches, in which:
13482 unique CDR3
13 unique J



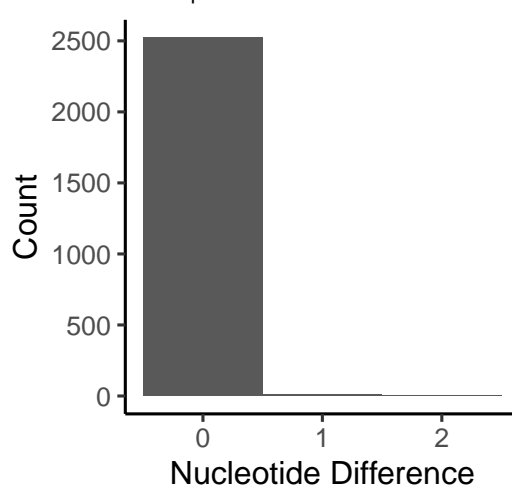
TRBV3-12*ap01

7646 sequences assigned
7614 (99.6%) exact matches, in which:
7587 unique CDR3
13 unique J



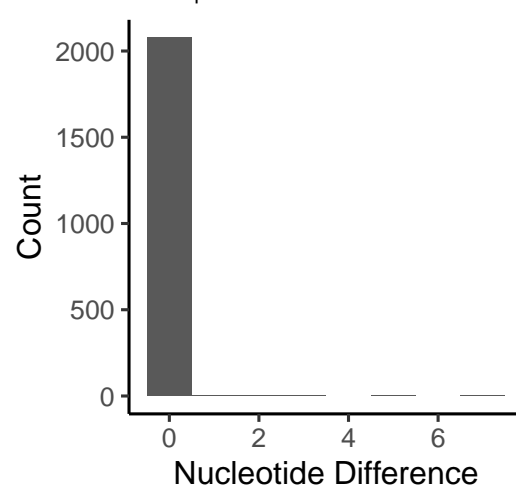
TRBV4-2*ap01

2536 sequences assigned
2522 (99.4%) exact matches, in which:
2520 unique CDR3
13 unique J



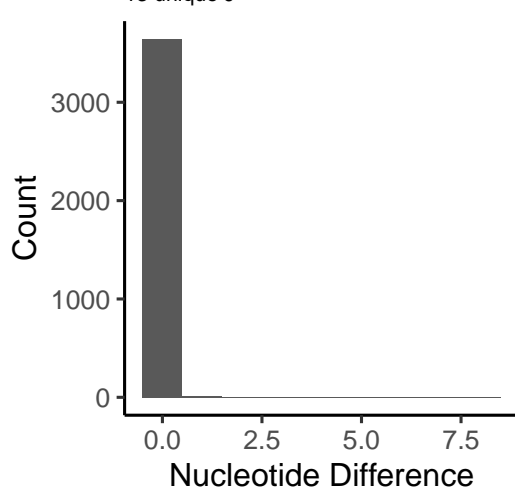
TRBV25-1*ap01

2086 sequences assigned
2077 (99.6%) exact matches, in which:
2076 unique CDR3
13 unique J



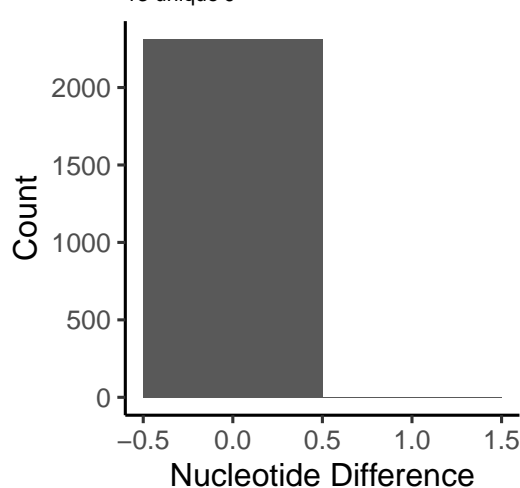
TRBV24-1*ap01

3671 sequences assigned
3643 (99.2%) exact matches, in which:
3631 unique CDR3
13 unique J



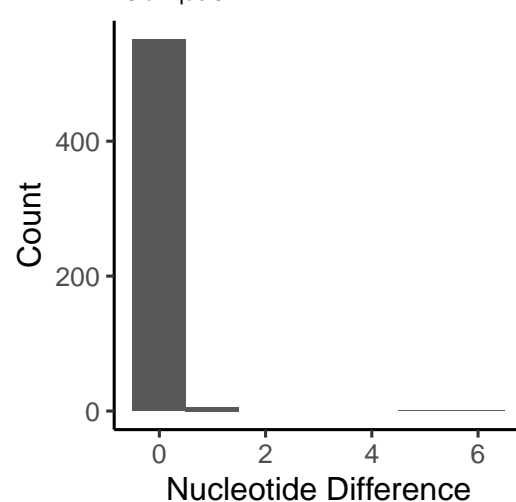
TRBV4-3*ap01

2315 sequences assigned
2313 (99.9%) exact matches, in which:
2311 unique CDR3
13 unique J



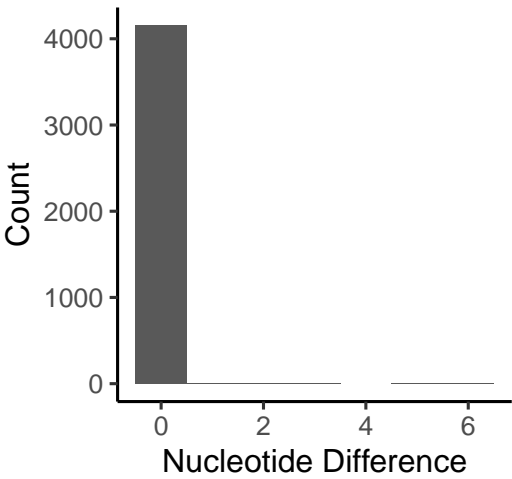
TRBV5-3*ap01

559 sequences assigned
551 (98.6%) exact matches, in which:
550 unique CDR3
13 unique J



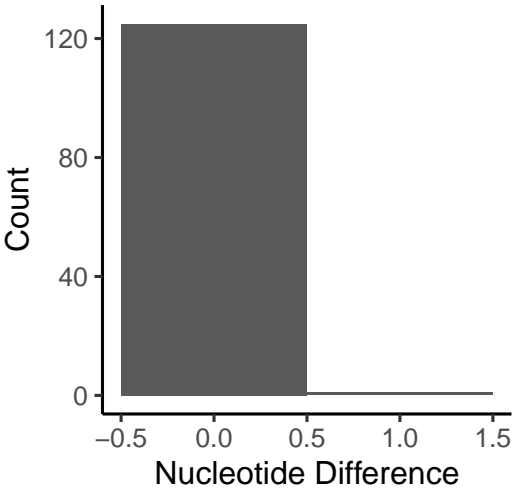
TRBV5-4*ap01

4169 sequences assigned
4155 (99.7%) exact matches, in which:
4155 unique CDR3
13 unique J



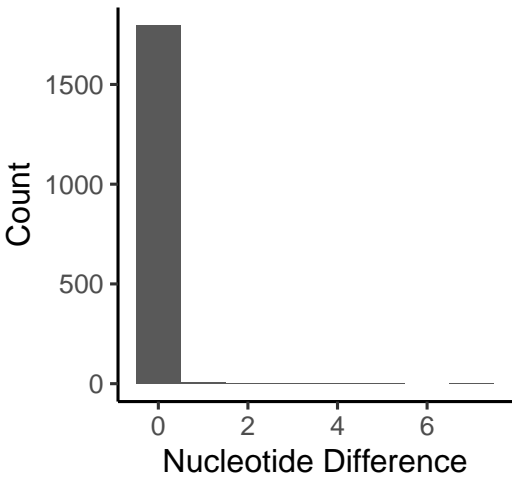
TRBV5-7*ap01

126 sequences assigned
125 (99.2%) exact matches, in which:
124 unique CDR3
13 unique J



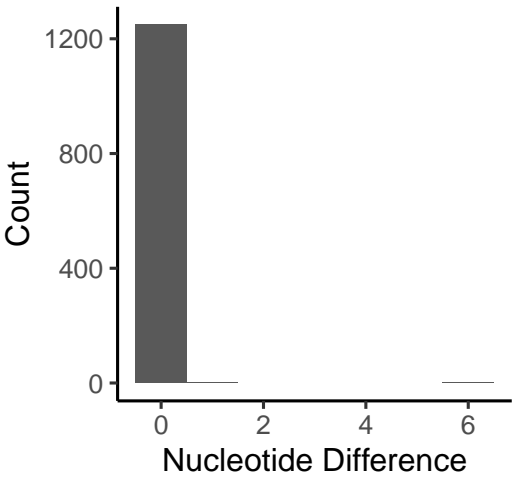
TRBV6-4*ap01

1815 sequences assigned
1796 (99%) exact matches, in which:
1796 unique CDR3
13 unique J



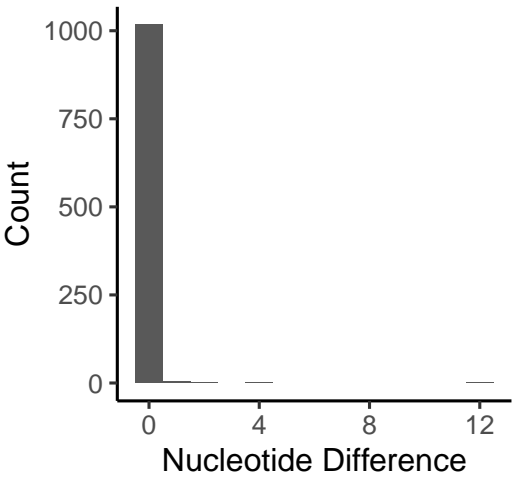
TRBV5-5*ap01

1252 sequences assigned
1249 (99.8%) exact matches, in which:
1247 unique CDR3
13 unique J



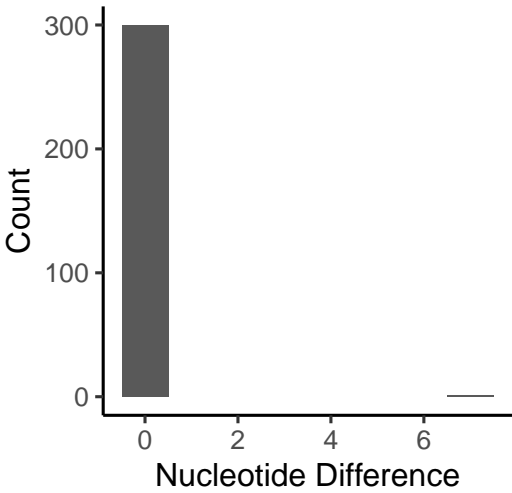
TRBV5-8*ap01

1023 sequences assigned
1017 (99.4%) exact matches, in which:
1017 unique CDR3
13 unique J



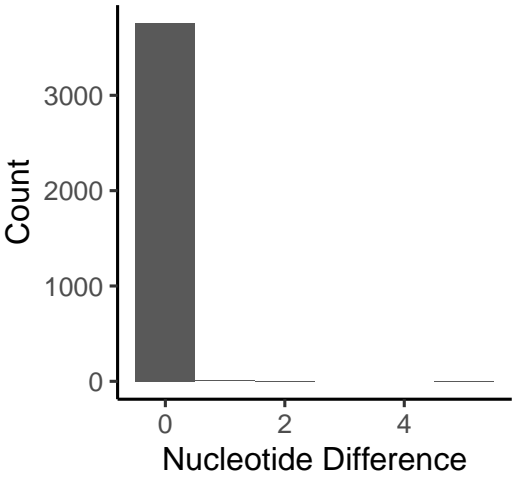
TRBV6-7*ap01

301 sequences assigned
300 (99.7%) exact matches, in which:
300 unique CDR3
13 unique J



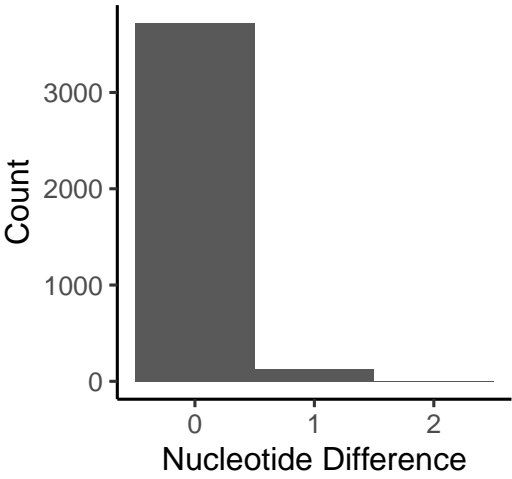
TRBV5-6*ap01

3770 sequences assigned
3758 (99.7%) exact matches, in which:
3746 unique CDR3
13 unique J



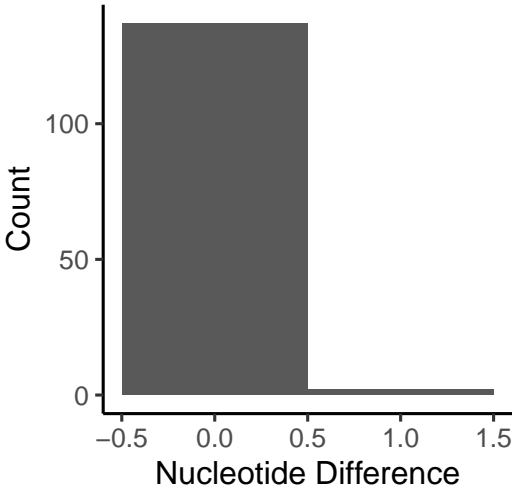
TRBV6-1*ap01

3853 sequences assigned
3721 (96.6%) exact matches, in which:
3717 unique CDR3
13 unique J



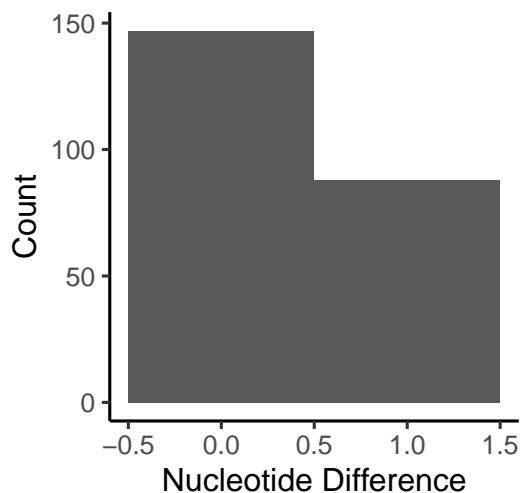
TRBV6-8*ap01

139 sequences assigned
137 (98.6%) exact matches, in which:
137 unique CDR3
13 unique J



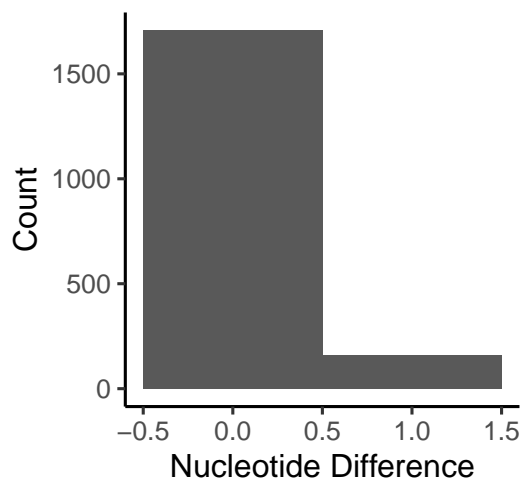
TRBV6-9*ap01

235 sequences assigned
147 (62.6%) exact matches, in which:
147 unique CDR3
12 unique J



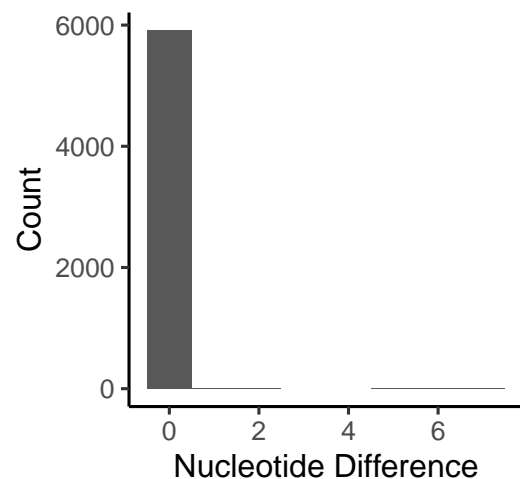
TRBV6-56*ap02

1865 sequences assigned
1707 (91.5%) exact matches, in which:
1705 unique CDR3
13 unique J



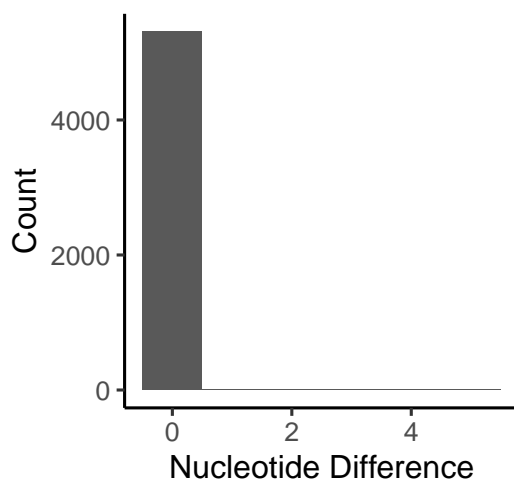
TRBV7-2*ap01

5923 sequences assigned
5912 (99.8%) exact matches, in which:
5912 unique CDR3
13 unique J



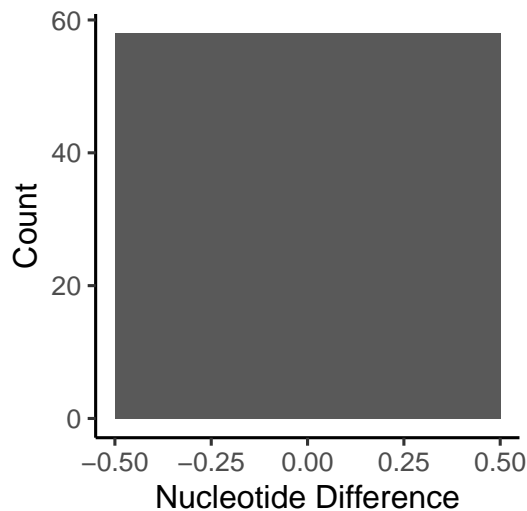
TRBV6-23*ap01

5323 sequences assigned
5307 (99.7%) exact matches, in which:
5296 unique CDR3
13 unique J



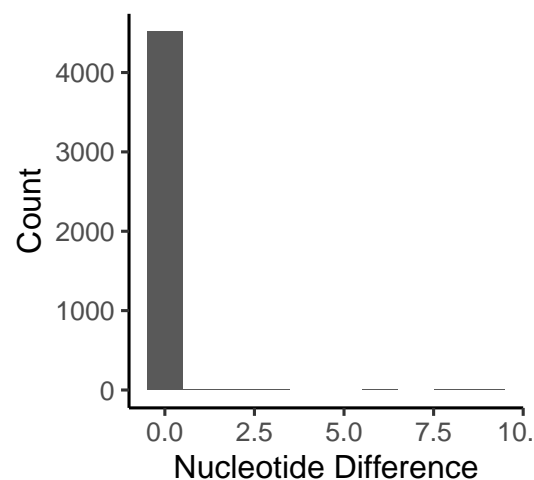
TRBV7-1*ap01_G291C_T

58 sequences assigned
58 (100%) exact matches, in which:
58 unique CDR3
11 unique J



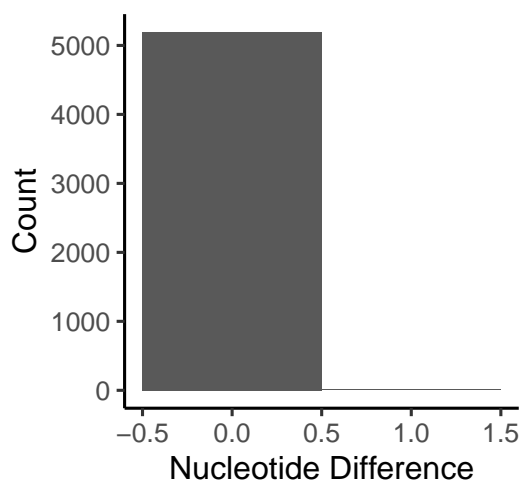
TRBV7-3*ap01

4531 sequences assigned
4514 (99.6%) exact matches, in which:
4510 unique CDR3
13 unique J



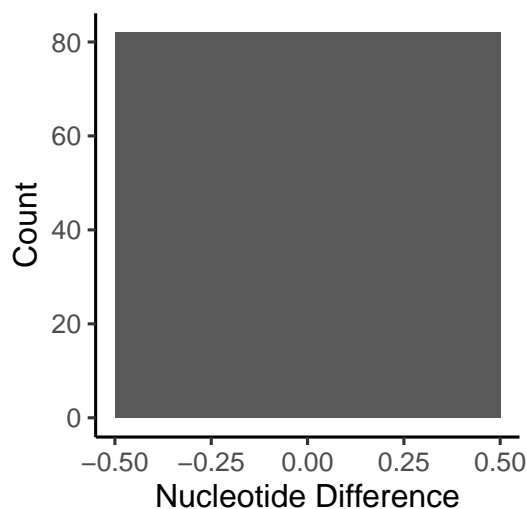
TRBV6-56*ap01

5208 sequences assigned
5194 (99.7%) exact matches, in which:
5182 unique CDR3
13 unique J



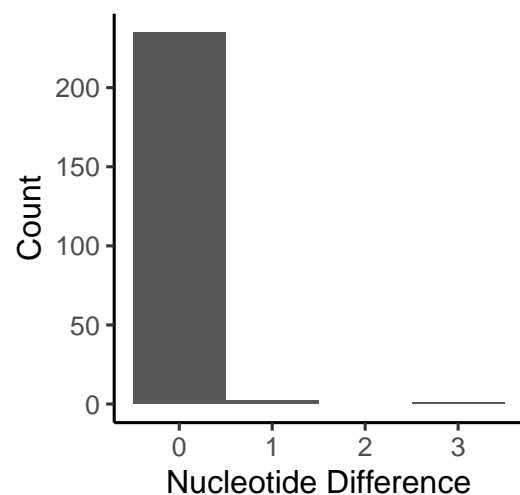
TRBV7-1*ap01_G291C_T

82 sequences assigned
82 (100%) exact matches, in which:
82 unique CDR3
12 unique J



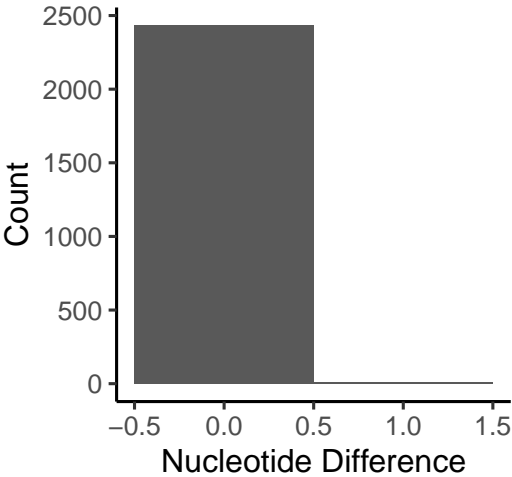
TRBV7-4*ap01

238 sequences assigned
235 (98.7%) exact matches, in which:
235 unique CDR3
13 unique J



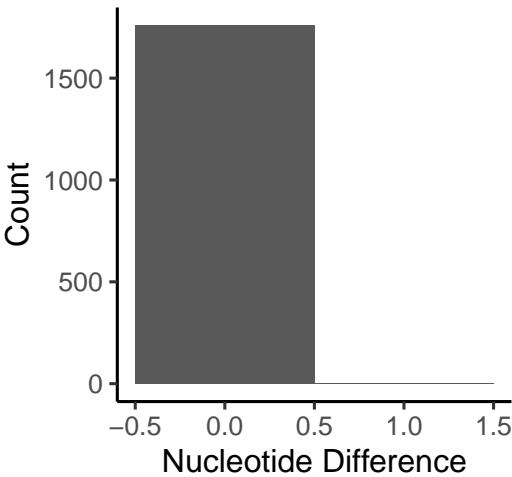
TRBV7-6*ap01

2441 sequences assigned
2433 (99.7%) exact matches, in which:
2431 unique CDR3
13 unique J



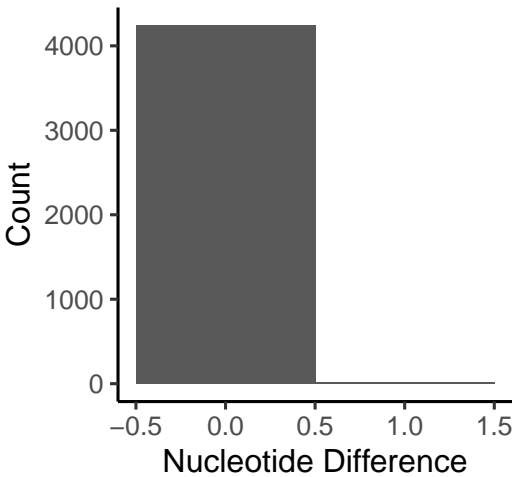
TRBV7-8*ap01

1761 sequences assigned
1759 (99.9%) exact matches, in which:
1759 unique CDR3
13 unique J



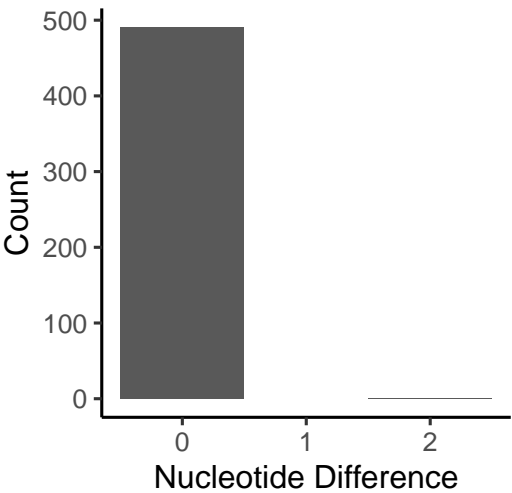
TRBV29-1*ap01

4265 sequences assigned
4242 (99.5%) exact matches, in which:
4228 unique CDR3
13 unique J



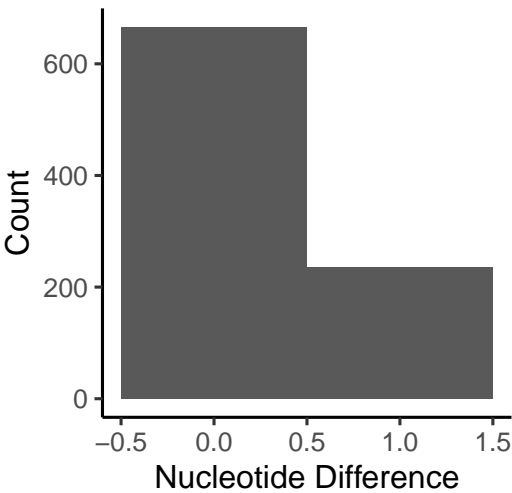
TRBV7-7*ap01

492 sequences assigned
491 (99.8%) exact matches, in which:
491 unique CDR3
13 unique J



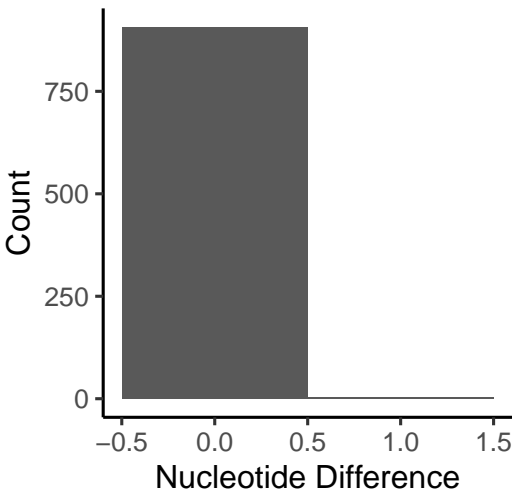
TRBV7-8*ap03

902 sequences assigned
666 (73.8%) exact matches, in which:
666 unique CDR3
13 unique J



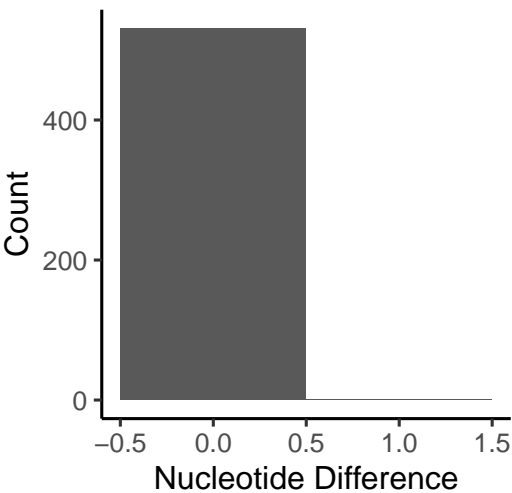
TRBV29-1*ap02

910 sequences assigned
907 (99.7%) exact matches, in which:
906 unique CDR3
13 unique J



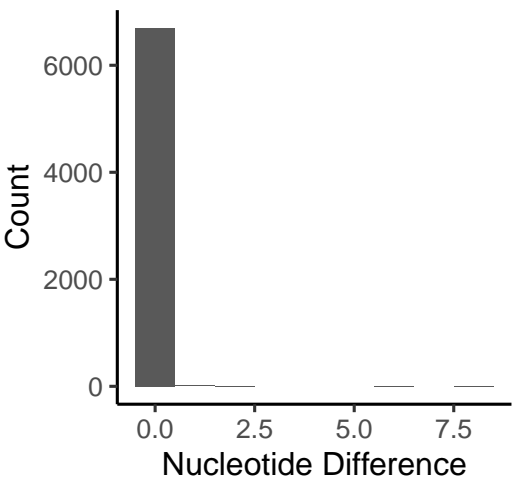
TRBV7-7*ap01_C315T

532 sequences assigned
531 (99.8%) exact matches, in which:
531 unique CDR3
12 unique J

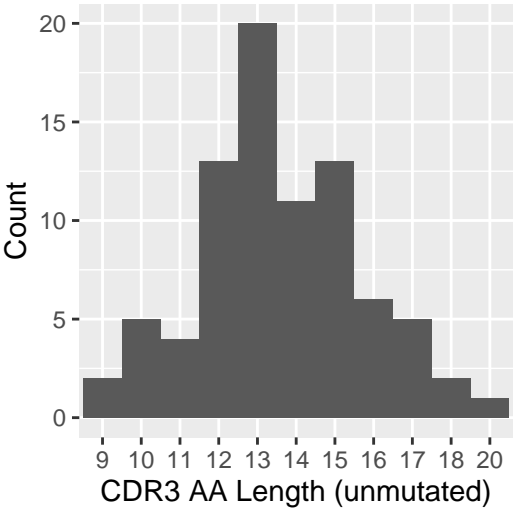


TRBV7-9*ap01

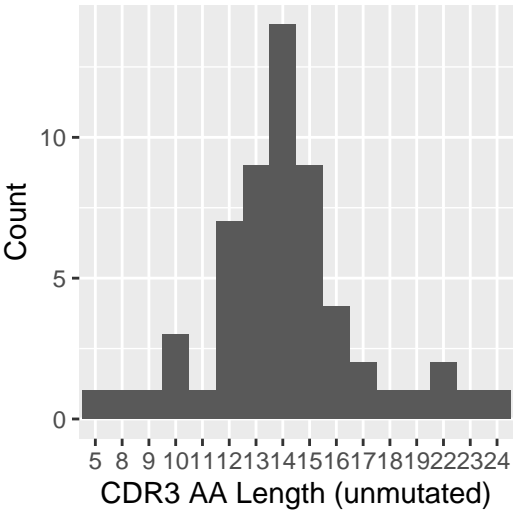
6714 sequences assigned
6696 (99.7%) exact matches, in which:
6694 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T

