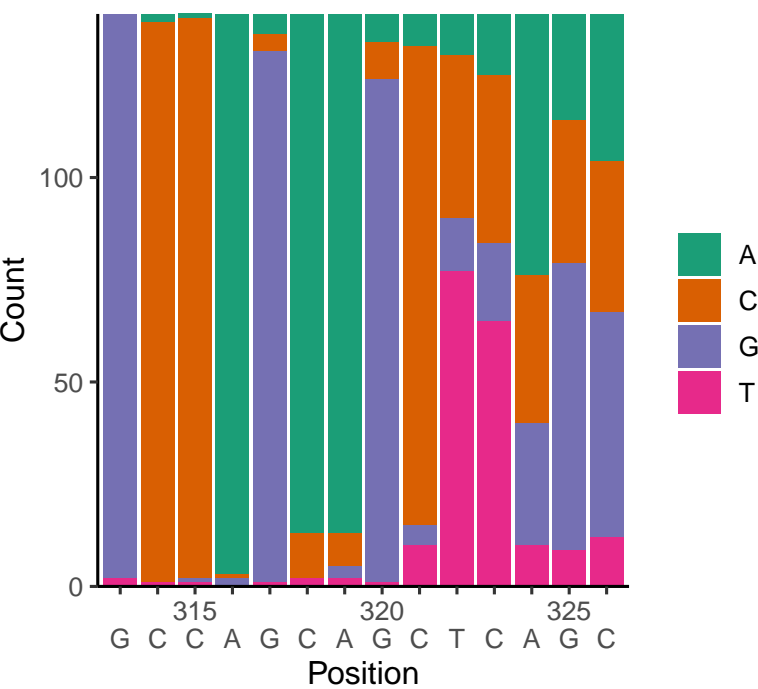
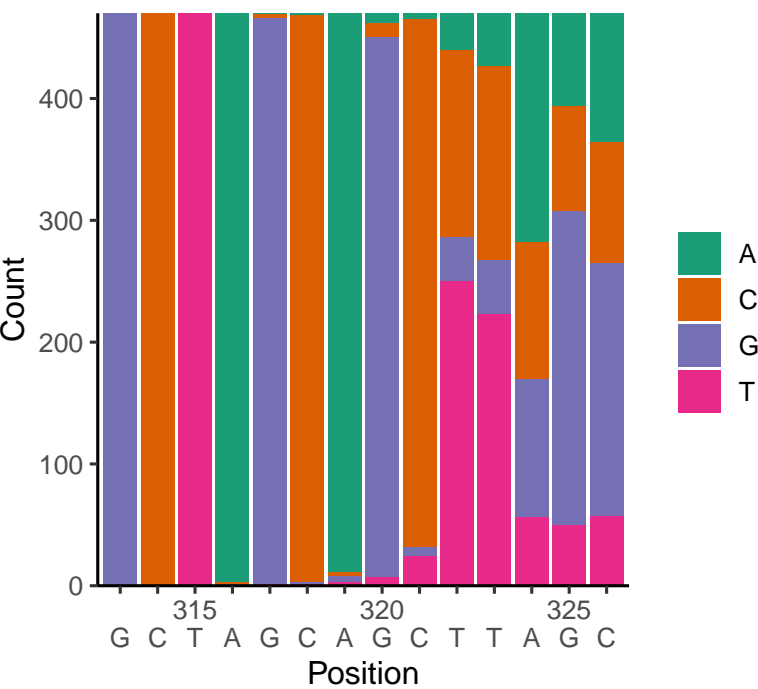


Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



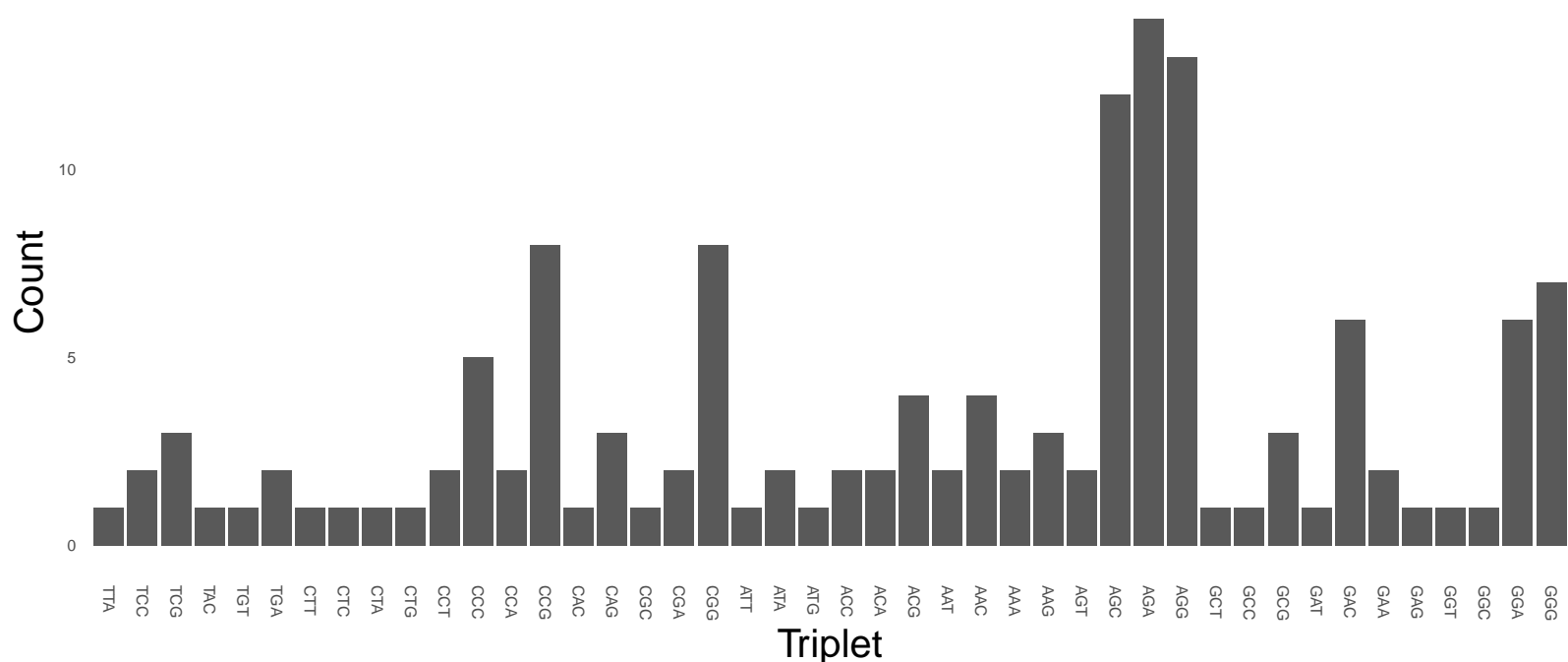
Gene TRBV7-1*ap01_G291C_T296C



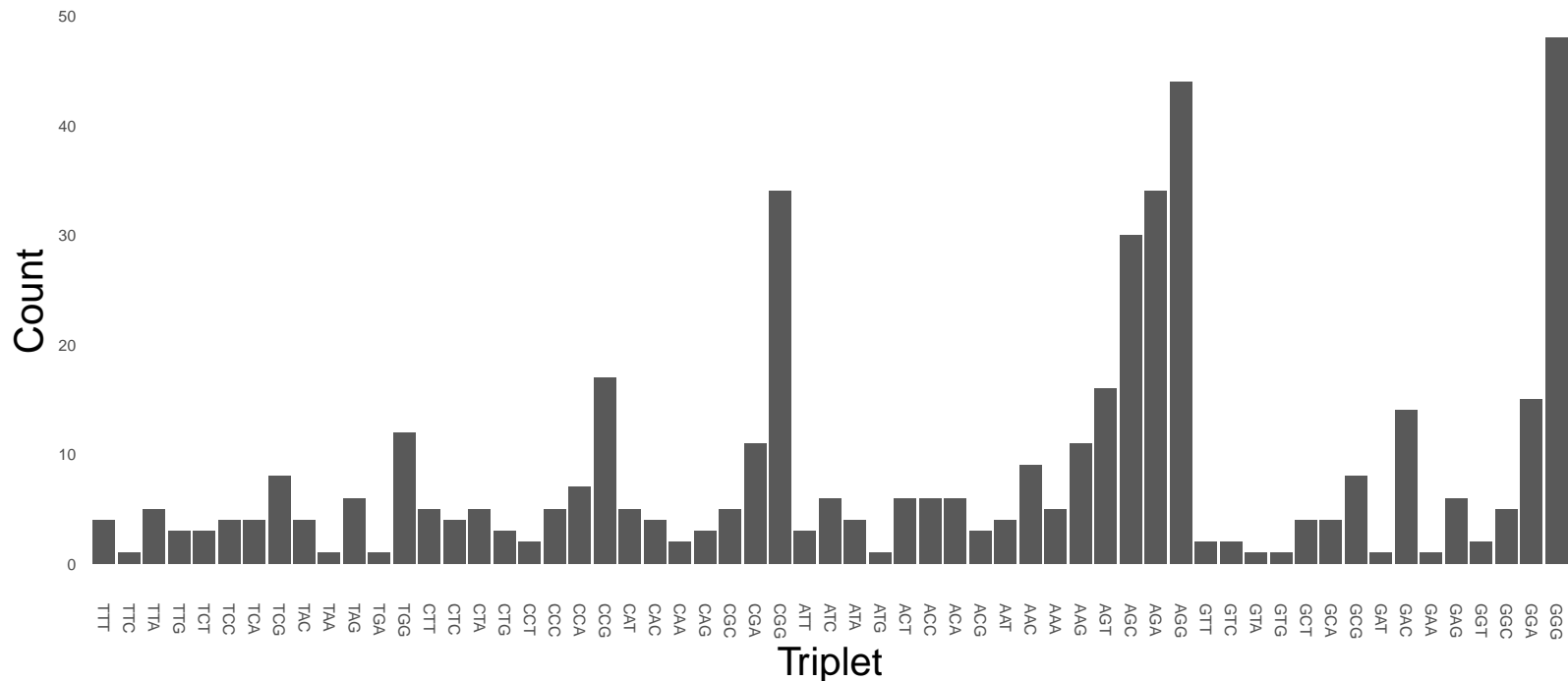
Gene TRBV7-7*ap01_C315T



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

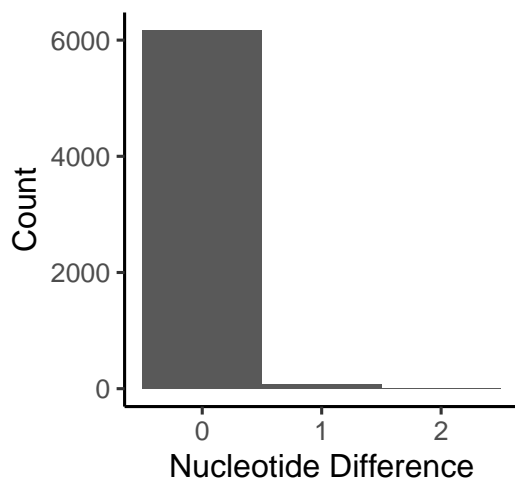


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



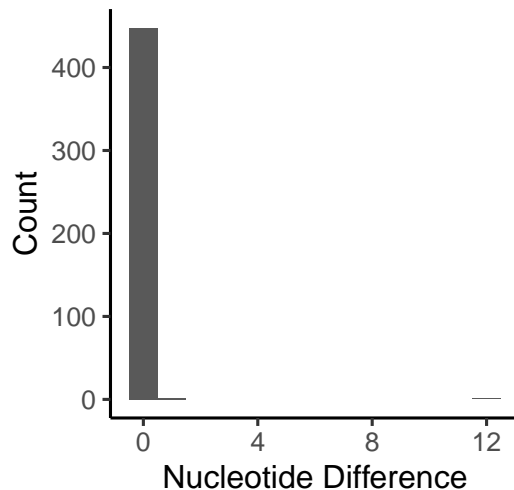
TRBV20-1*ap01

6244 sequences assigned
6167 (98.8%) exact matches, in which:
6026 unique CDR3
13 unique J



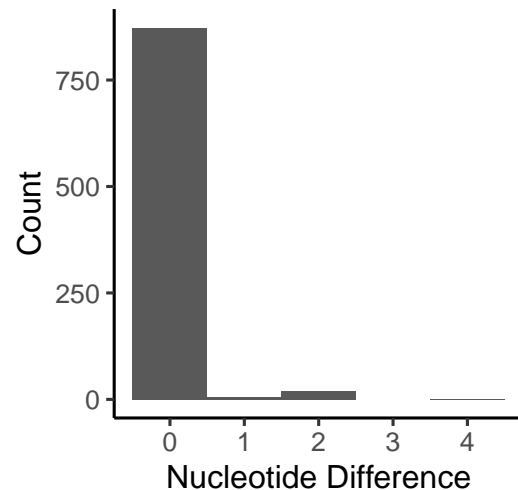
TRBV10-2*ap01

451 sequences assigned
448 (99.3%) exact matches, in which:
437 unique CDR3
13 unique J



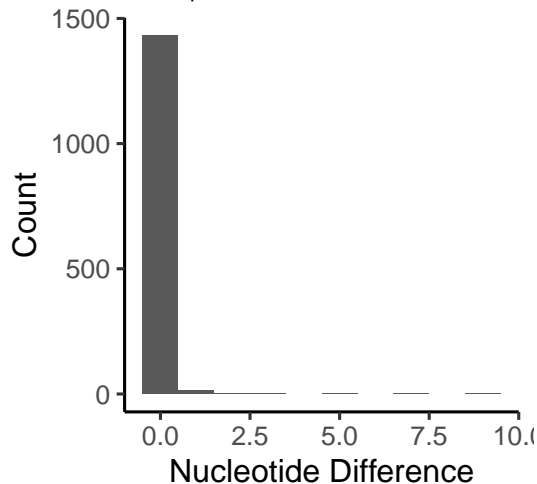
TRBV13*ap01

899 sequences assigned
873 (97.1%) exact matches, in which:
841 unique CDR3
13 unique J



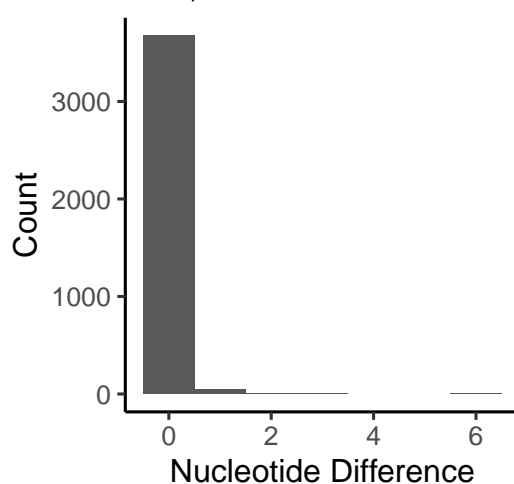
TRBV10-1*ap01

1453 sequences assigned
1431 (98.5%) exact matches, in which:
1391 unique CDR3
13 unique J



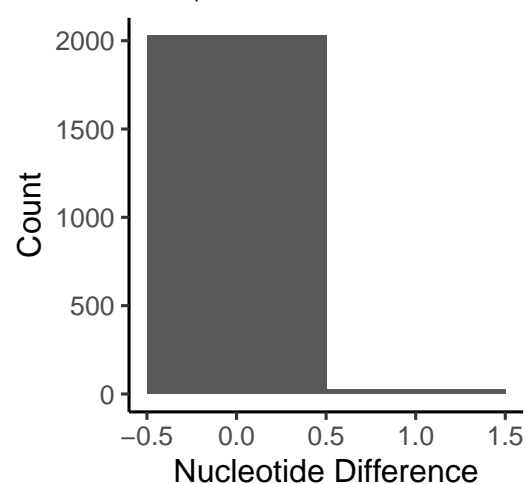
TRBV10-3*ap01

3726 sequences assigned
3674 (98.6%) exact matches, in which:
3593 unique CDR3
13 unique J



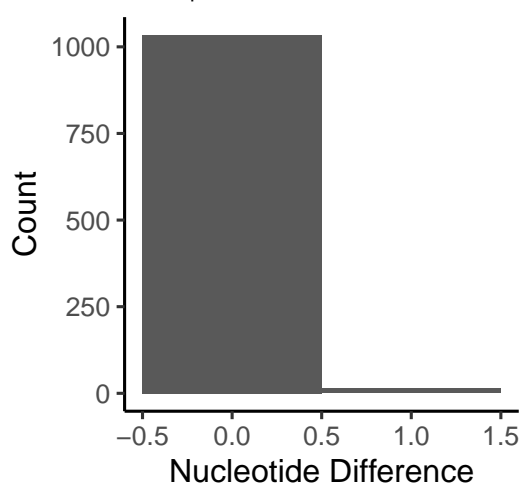
TRBV14*ap01

2054 sequences assigned
2028 (98.7%) exact matches, in which:
1971 unique CDR3
13 unique J



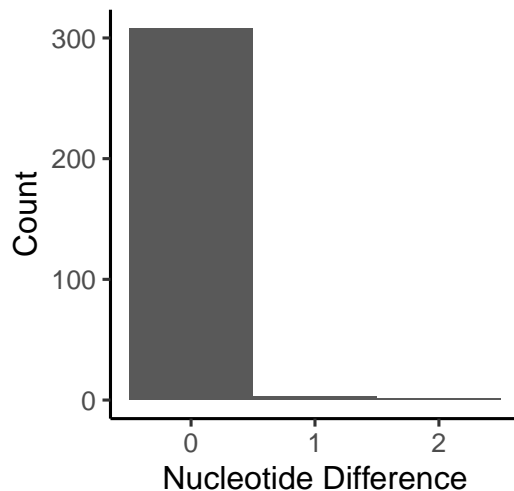
TRBV20-1*ap02

1048 sequences assigned
1034 (98.7%) exact matches, in which:
1005 unique CDR3
13 unique J



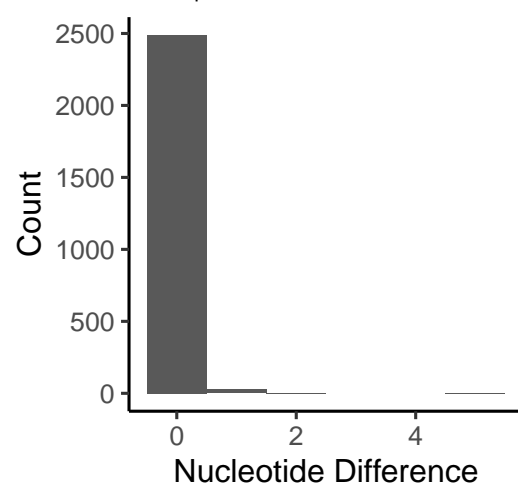
TRBV1*ap01

312 sequences assigned
308 (98.7%) exact matches, in which:
303 unique CDR3
13 unique J



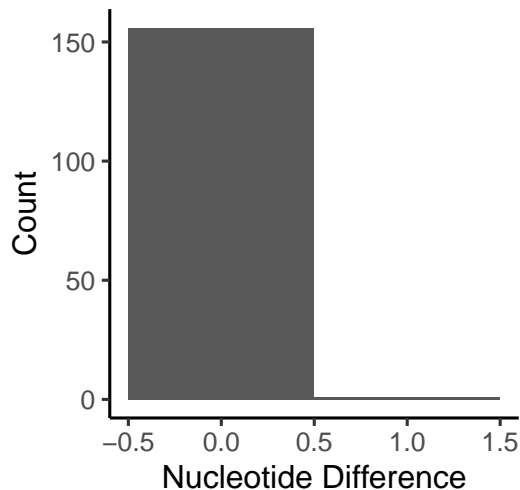
TRBV15*ap02

2517 sequences assigned
2489 (98.9%) exact matches, in which:
2427 unique CDR3
13 unique J



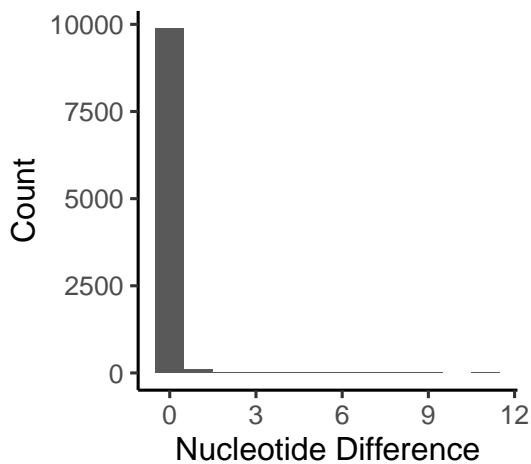
TRBV16*ap01

157 sequences assigned
156 (99.4%) exact matches, in which:
155 unique CDR3
13 unique J



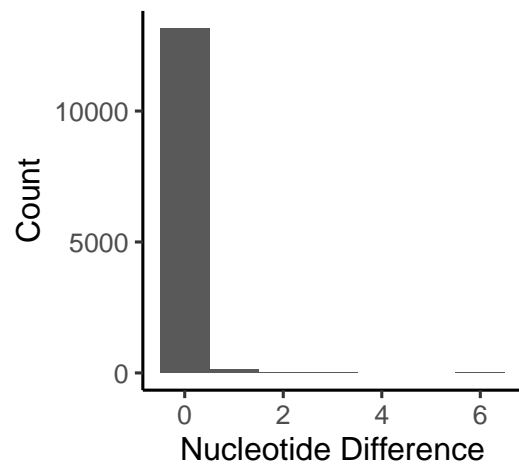
TRBV19*ap01

10022 sequences assigned
9891 (98.7%) exact matches, in which:
9721 unique CDR3
13 unique J



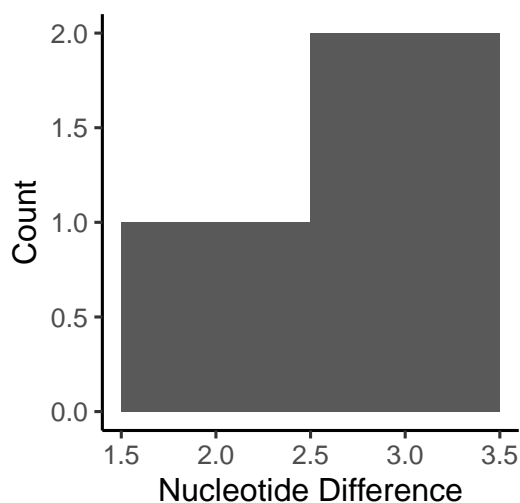
TRBV28*ap01

13316 sequences assigned
13165 (98.9%) exact matches, in which:
12853 unique CDR3
13 unique J



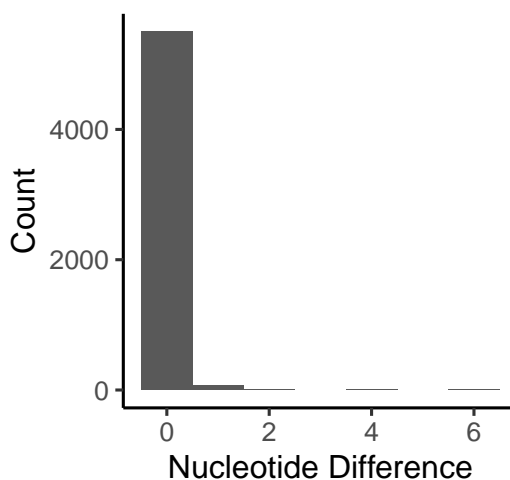
TRBV17*ap01

3 sequences assigned
No exact matches.



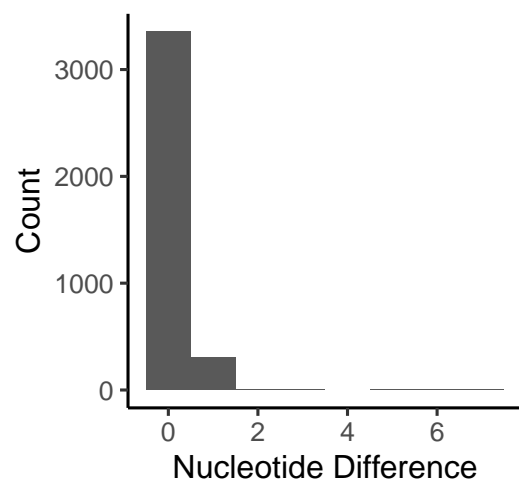
TRBV2*ap01

5581 sequences assigned
5500 (98.5%) exact matches, in which:
5381 unique CDR3
13 unique J



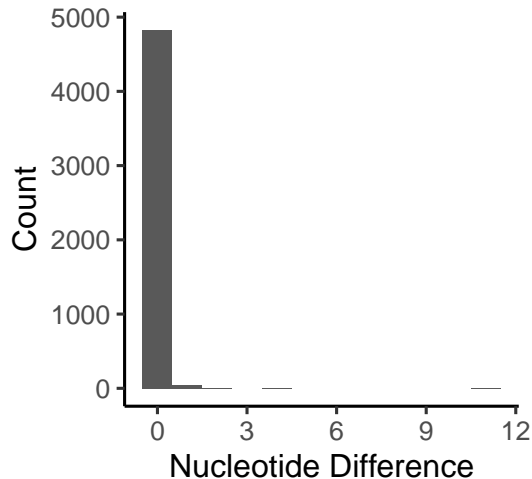
TRBV30*ap01

3671 sequences assigned
3354 (91.4%) exact matches, in which:
3312 unique CDR3
13 unique J



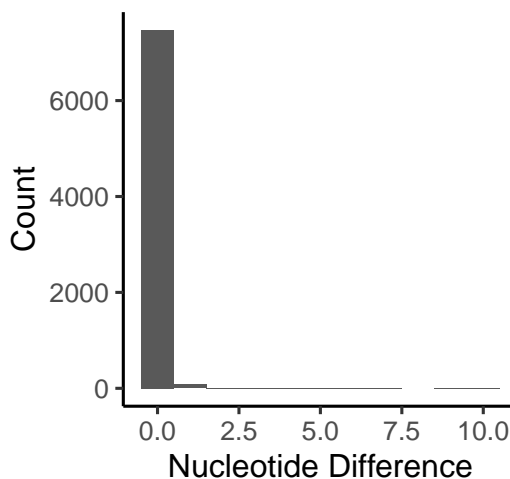
TRBV18*ap01

4872 sequences assigned
4826 (99.1%) exact matches, in which:
4726 unique CDR3
13 unique J



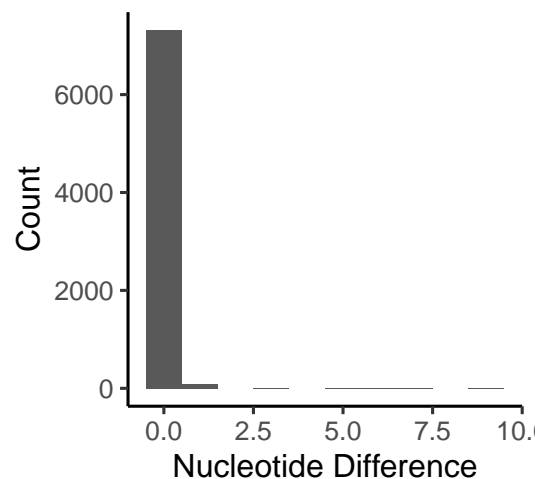
TRBV27*ap01

7570 sequences assigned
7471 (98.7%) exact matches, in which:
7263 unique CDR3
14 unique J



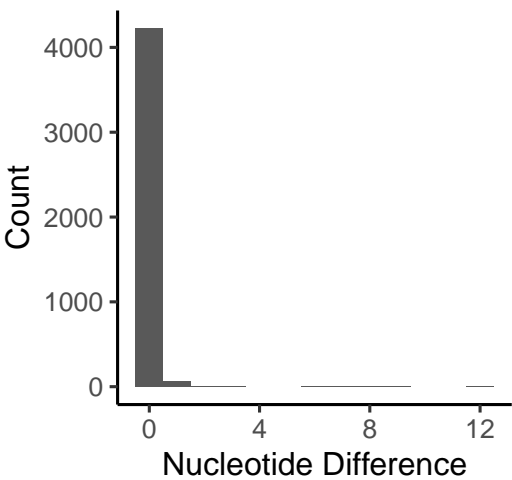
TRBV9*ap01

7410 sequences assigned
7319 (98.8%) exact matches, in which:
7161 unique CDR3
13 unique J



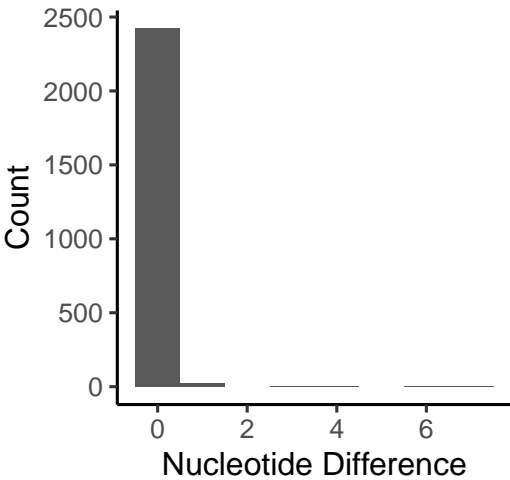
TRBV21-1*ap01

4305 sequences assigned
4224 (98.1%) exact matches, in which:
4123 unique CDR3
13 unique J



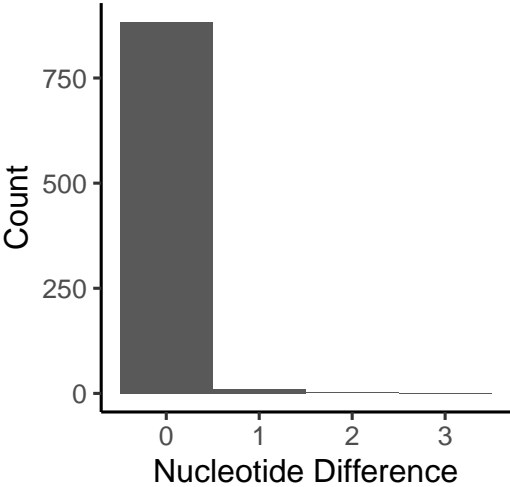
TRBV11-3*ap01

2450 sequences assigned
2423 (98.9%) exact matches, in which:
2368 unique CDR3
13 unique J



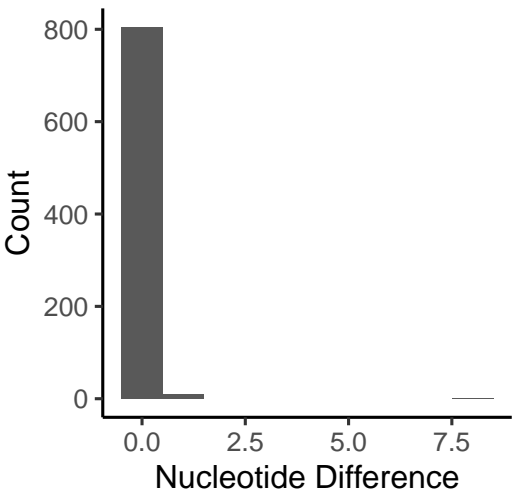
TRBV12-5*ap01

897 sequences assigned
884 (98.6%) exact matches, in which:
857 unique CDR3
13 unique J



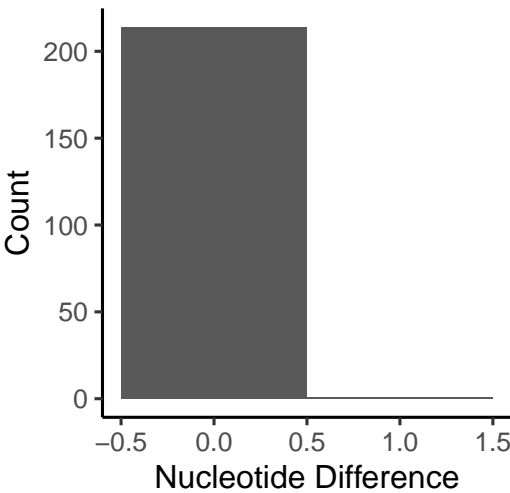
TRBV11-1*ap01

816 sequences assigned
805 (98.7%) exact matches, in which:
791 unique CDR3
13 unique J



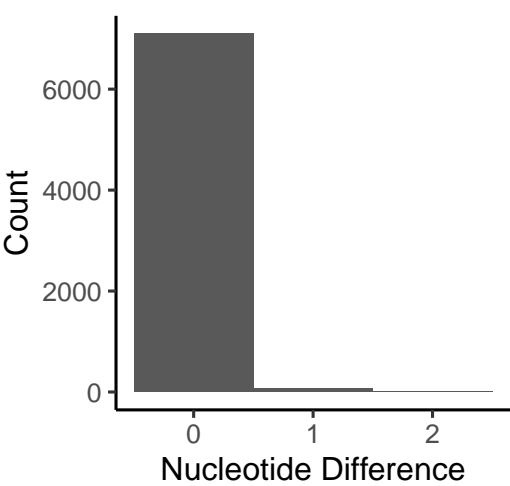
TRBV12-1*ap01

215 sequences assigned
214 (99.5%) exact matches, in which:
207 unique CDR3
13 unique J



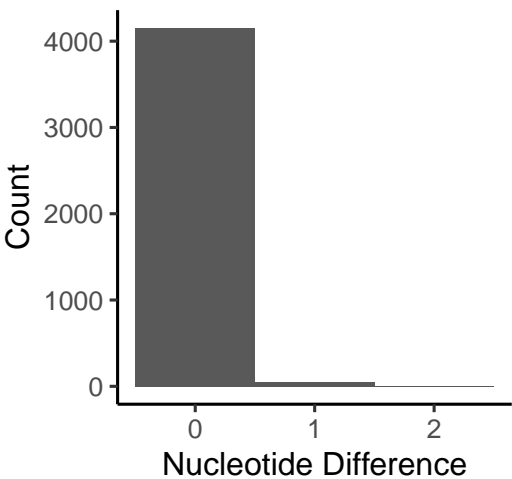
TRBV12-34*ap01

7186 sequences assigned
7098 (98.8%) exact matches, in which:
6922 unique CDR3
13 unique J



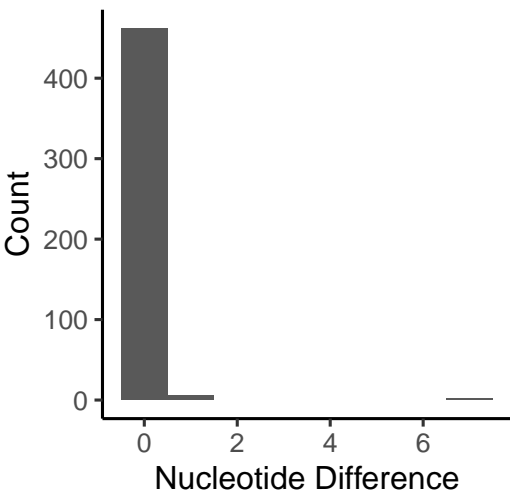
TRBV11-2*ap01

4206 sequences assigned
4152 (98.7%) exact matches, in which:
4049 unique CDR3
13 unique J



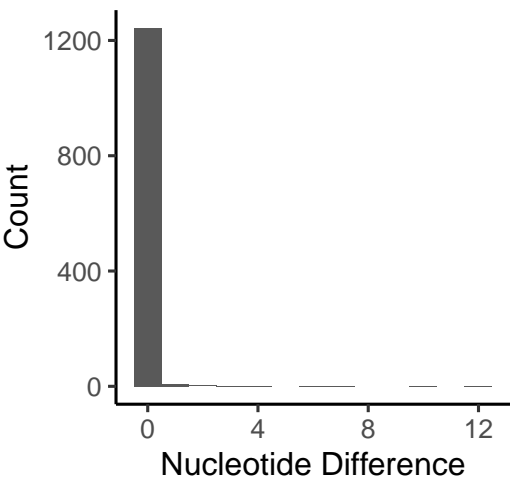
TRBV12-2*ap01

470 sequences assigned
462 (98.3%) exact matches, in which:
453 unique CDR3
13 unique J



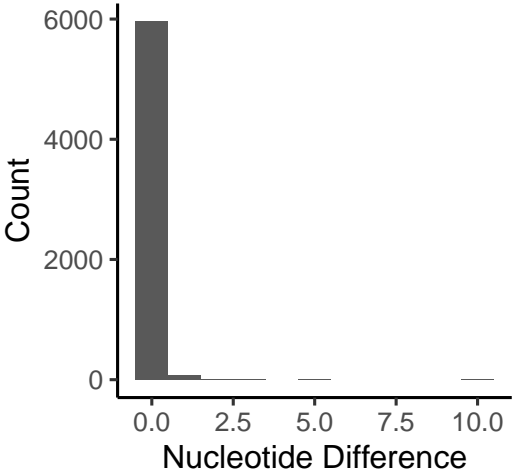
TRBV23-1*ap01

1263 sequences assigned
1243 (98.4%) exact matches, in which:
1204 unique CDR3
13 unique J



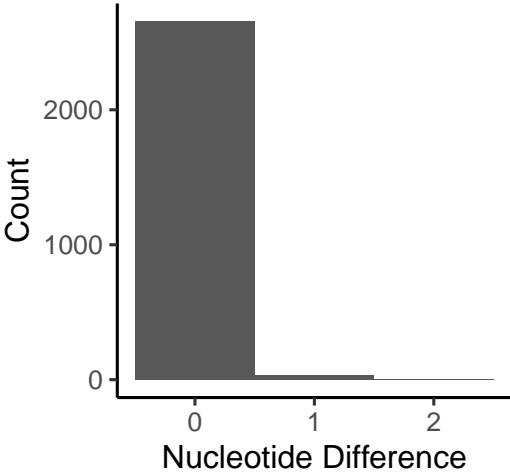
TRBV3-12*ap01

6040 sequences assigned
5961 (98.7%) exact matches, in which:
5809 unique CDR3
13 unique J



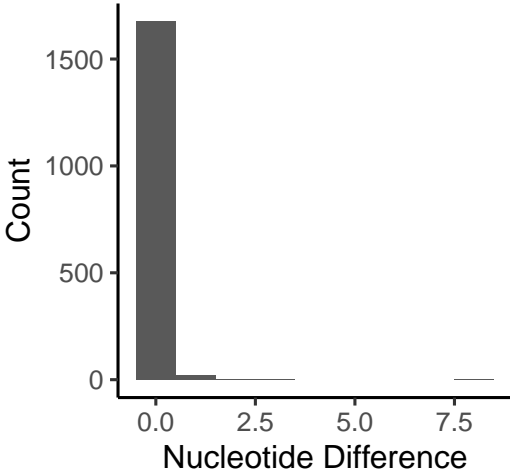
TRBV4-2*ap01

2694 sequences assigned
2655 (98.6%) exact matches, in which:
2605 unique CDR3
13 unique J



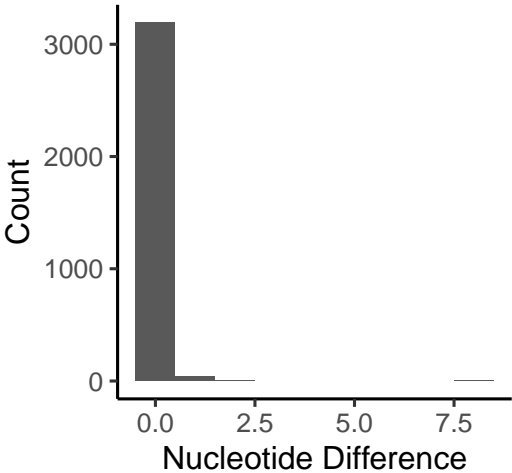
TRBV25-1*ap01

1703 sequences assigned
1676 (98.4%) exact matches, in which:
1646 unique CDR3
13 unique J



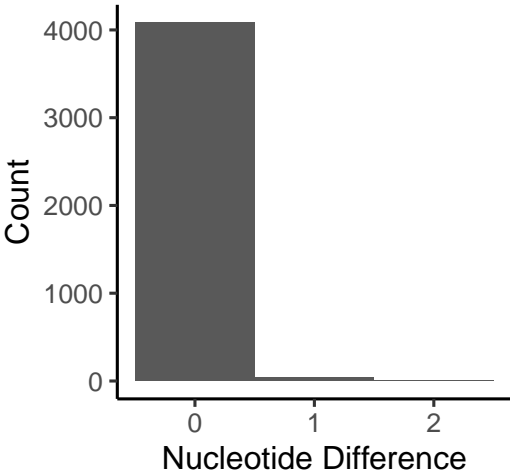
TRBV4-1*ap01

3238 sequences assigned
3192 (98.6%) exact matches, in which:
3117 unique CDR3
13 unique J



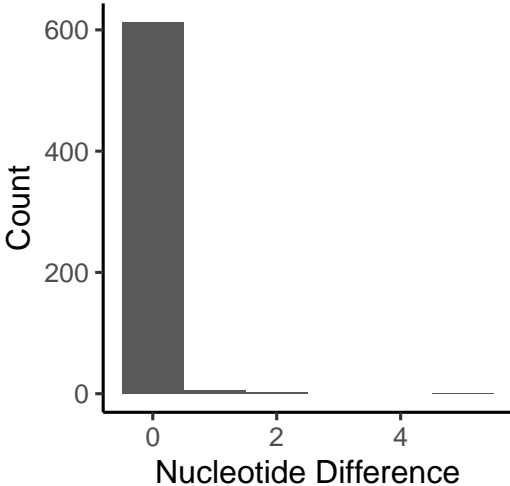
TRBV4-3*ap01

4136 sequences assigned
4082 (98.7%) exact matches, in which:
3986 unique CDR3
13 unique J



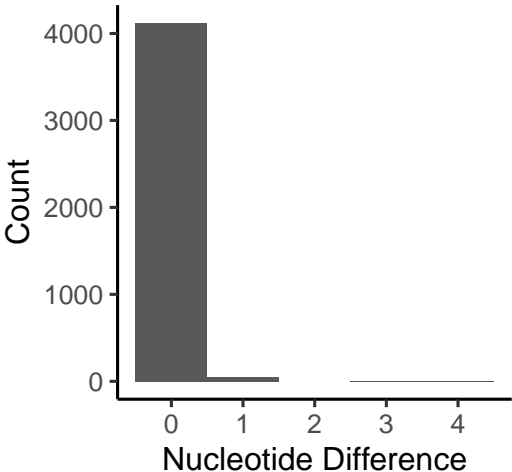
TRBV5-3*ap01

621 sequences assigned
613 (98.7%) exact matches, in which:
600 unique CDR3
13 unique J



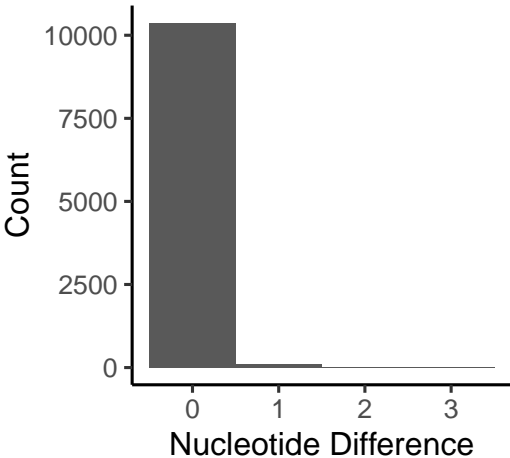
TRBV24-1*ap01

4172 sequences assigned
4120 (98.8%) exact matches, in which:
4031 unique CDR3
14 unique J



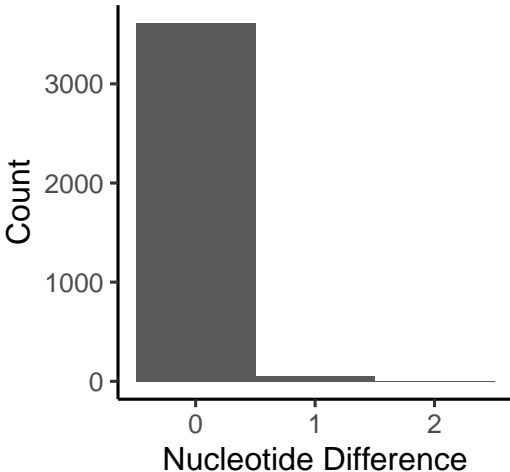
TRBV5-1*ap01

10502 sequences assigned
10375 (98.8%) exact matches, in which:
10100 unique CDR3
13 unique J



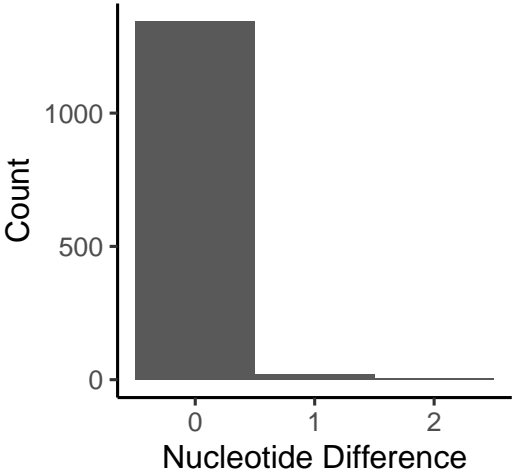
TRBV5-4*ap01

3670 sequences assigned
3613 (98.4%) exact matches, in which:
3526 unique CDR3
13 unique J



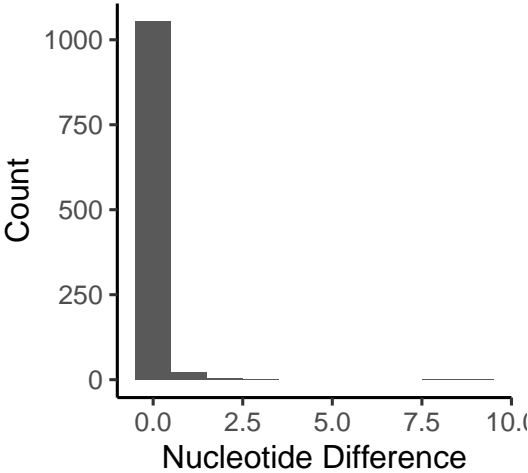
TRBV5-5*ap01

1369 sequences assigned
1344 (98.2%) exact matches, in which:
1315 unique CDR3
13 unique J



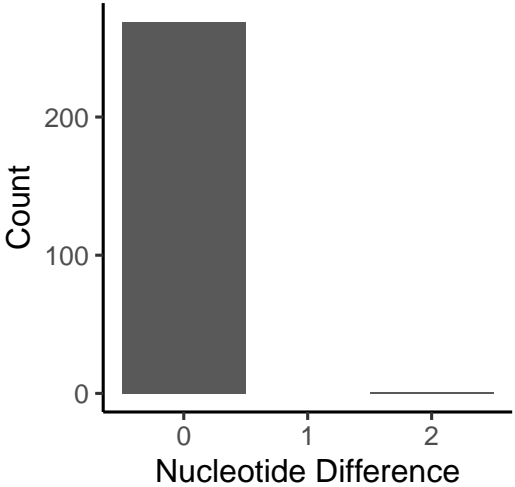
TRBV5-8*ap01

1083 sequences assigned
1054 (97.3%) exact matches, in which:
1035 unique CDR3
13 unique J



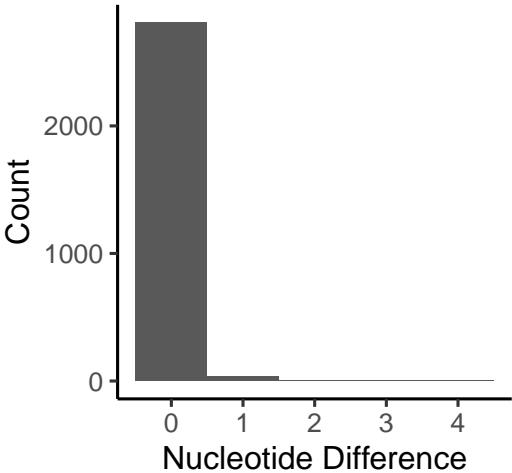
TRBV6-7*ap01

270 sequences assigned
269 (99.6%) exact matches, in which:
265 unique CDR3
13 unique J



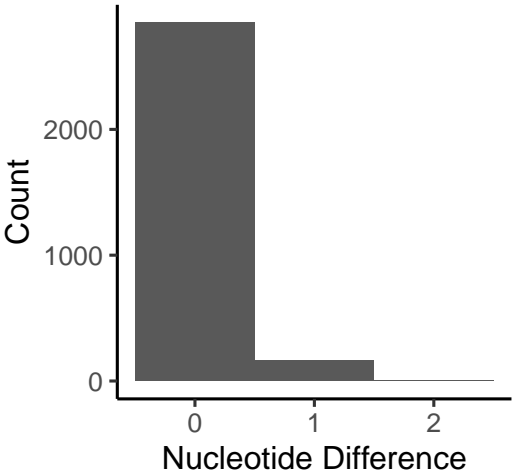
TRBV5-6*ap01

2847 sequences assigned
2809 (98.7%) exact matches, in which:
2725 unique CDR3
13 unique J



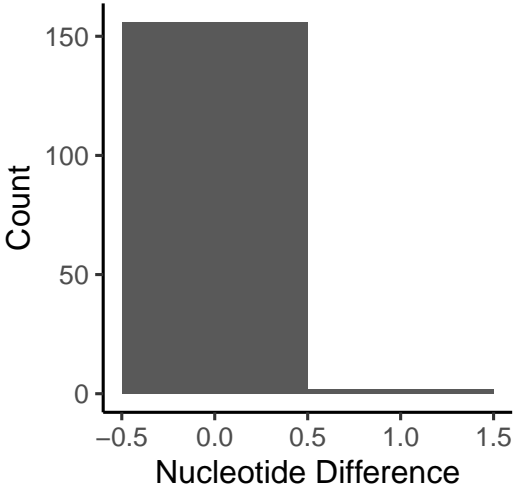
TRBV6-1*ap01

3015 sequences assigned
2848 (94.5%) exact matches, in which:
2777 unique CDR3
13 unique J



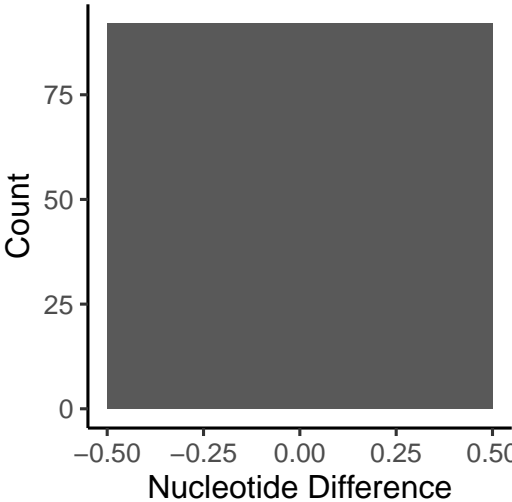
TRBV6-8*ap01

158 sequences assigned
156 (98.7%) exact matches, in which:
151 unique CDR3
13 unique J



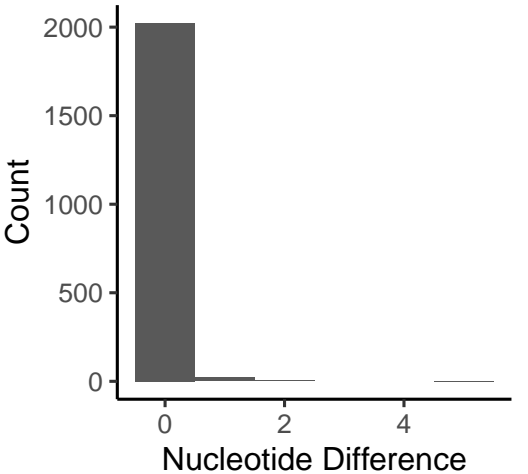
TRBV5-7*ap01

92 sequences assigned
92 (100%) exact matches, in which:
88 unique CDR3
13 unique J



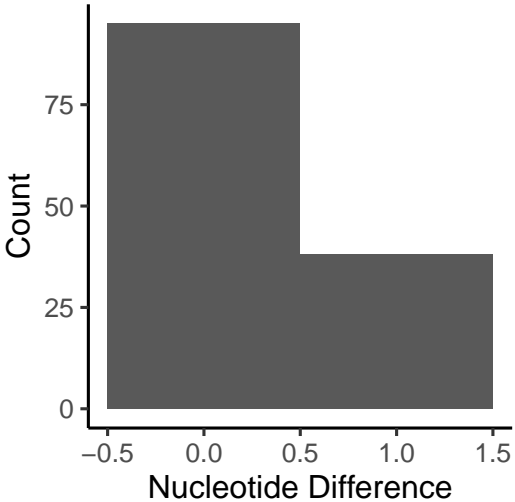
TRBV6-4*ap01

2050 sequences assigned
2023 (98.7%) exact matches, in which:
1986 unique CDR3
13 unique J



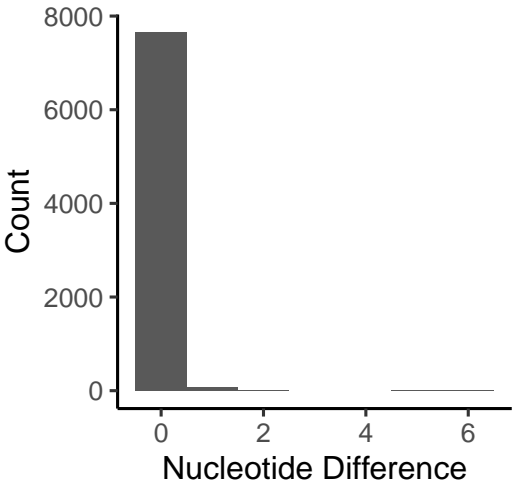
TRBV6-9*ap01

133 sequences assigned
95 (71.4%) exact matches, in which:
93 unique CDR3
11 unique J



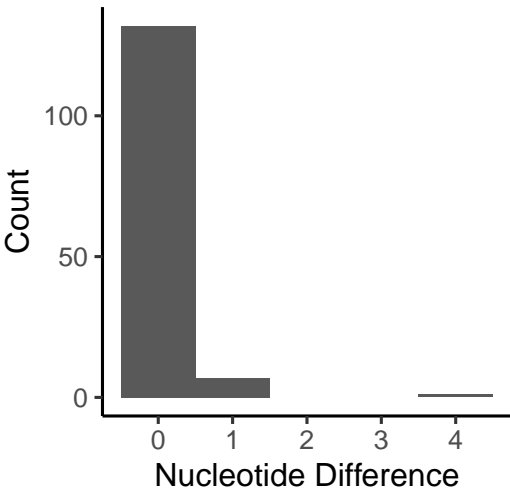
TRBV6-23*ap01

7743 sequences assigned
7651 (98.8%) exact matches, in which:
7487 unique CDR3
13 unique J



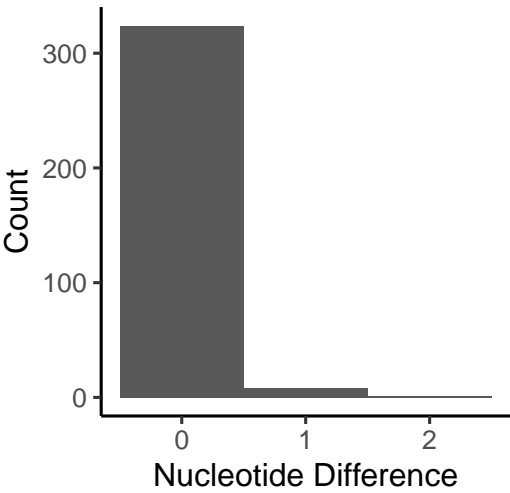
TRBV7-1*ap01_G291C_

140 sequences assigned
132 (94.3%) exact matches, in which:
130 unique CDR3
13 unique J



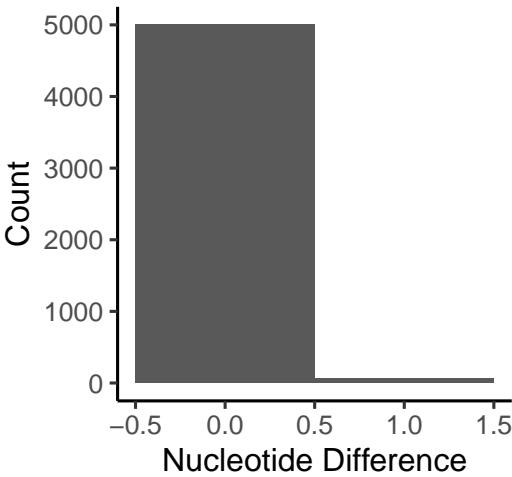
TRBV7-4*ap01

333 sequences assigned
324 (97.3%) exact matches, in which:
311 unique CDR3
13 unique J



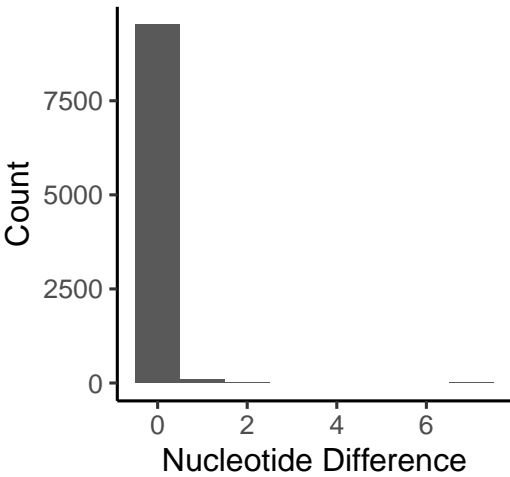
TRBV6-56*ap01

5059 sequences assigned
5002 (98.9%) exact matches, in which:
4887 unique CDR3
13 unique J



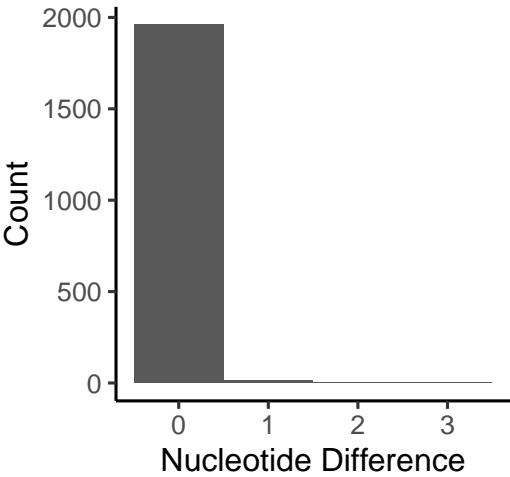
TRBV7-2*ap01

9618 sequences assigned
9520 (99%) exact matches, in which:
9306 unique CDR3
13 unique J



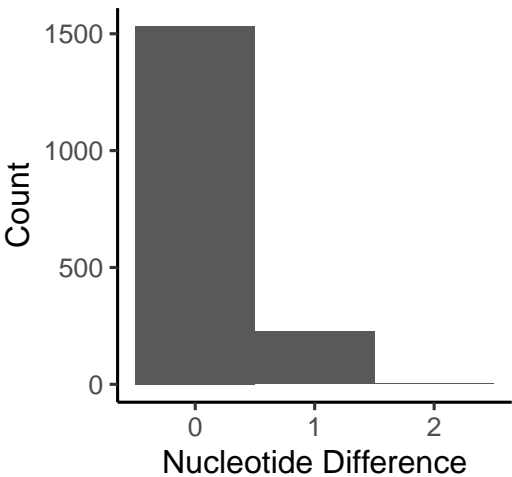
TRBV7-6*ap01

1976 sequences assigned
1960 (99.2%) exact matches, in which:
1905 unique CDR3
13 unique J



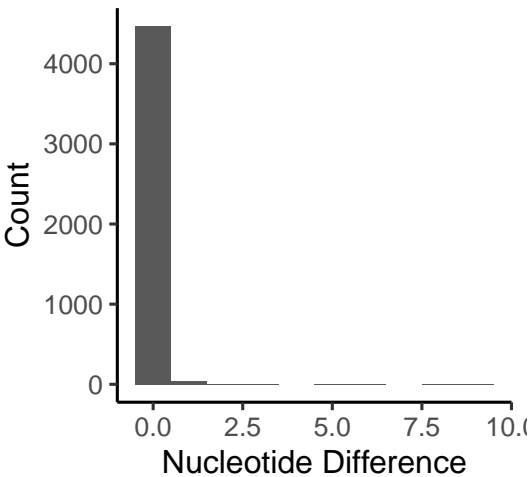
TRBV6-56*ap02

1762 sequences assigned
1533 (87%) exact matches, in which:
1496 unique CDR3
13 unique J



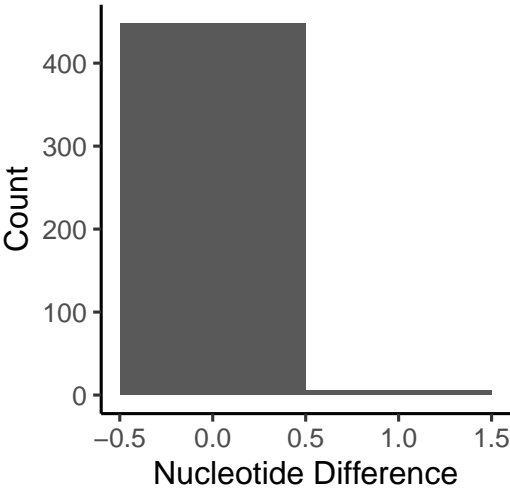
TRBV7-3*ap01

4518 sequences assigned
4470 (98.9%) exact matches, in which:
4385 unique CDR3
13 unique J



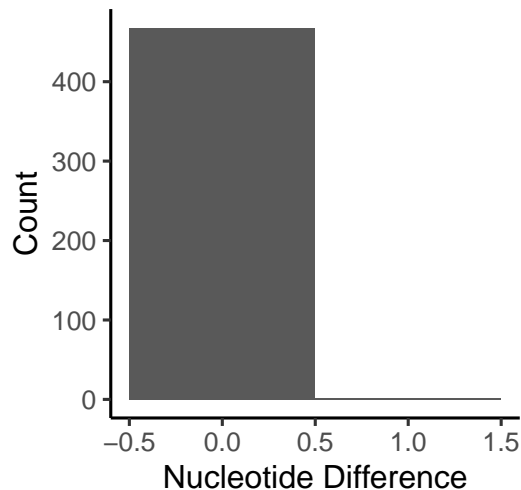
TRBV7-7*ap01

453 sequences assigned
448 (98.9%) exact matches, in which:
439 unique CDR3
13 unique J



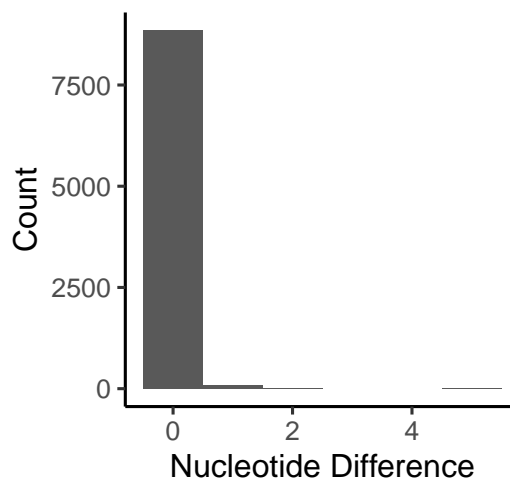
TRBV7-7*ap01_C315T

470 sequences assigned
468 (99.6%) exact matches, in which:
457 unique CDR3
13 unique J



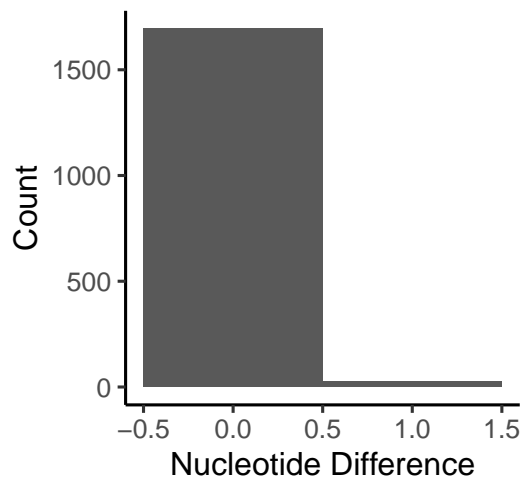
TRBV7-9*ap01

8935 sequences assigned
8848 (99%) exact matches, in which:
8663 unique CDR3
13 unique J



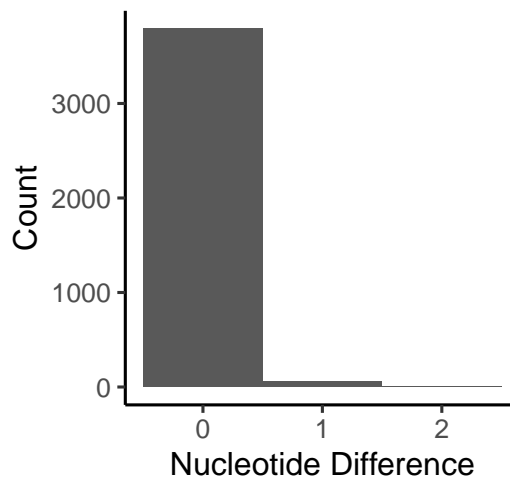
TRBV7-8*ap01

1719 sequences assigned
1694 (98.5%) exact matches, in which:
1654 unique CDR3
13 unique J



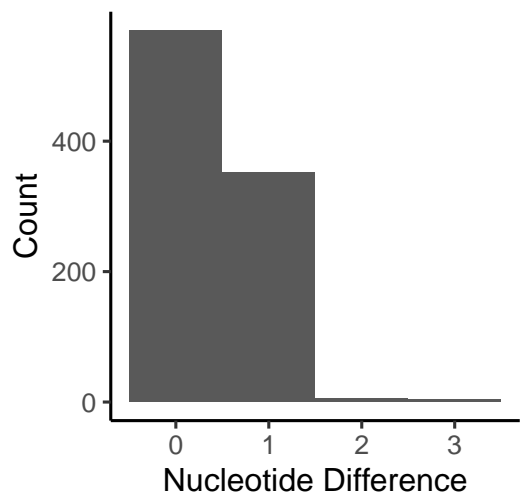
TRBV29-1*ap01

3849 sequences assigned
3791 (98.5%) exact matches, in which:
3714 unique CDR3
13 unique J



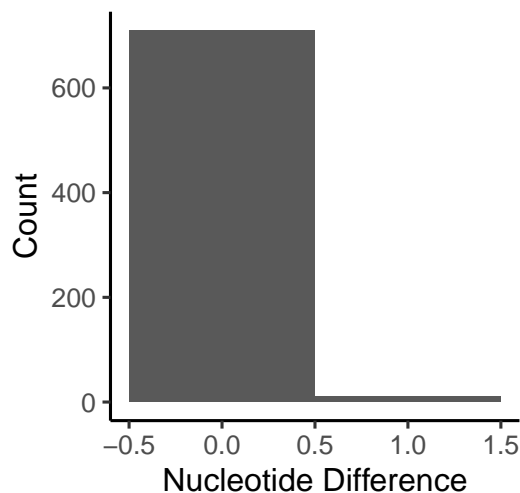
TRBV7-8*ap03

932 sequences assigned
570 (61.2%) exact matches, in which:
555 unique CDR3
13 unique J

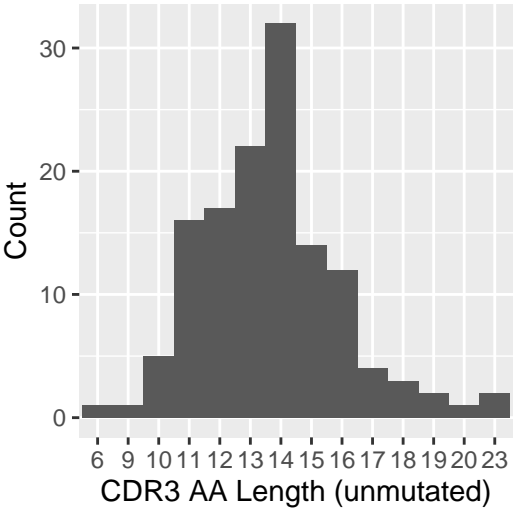


TRBV29-1*ap02

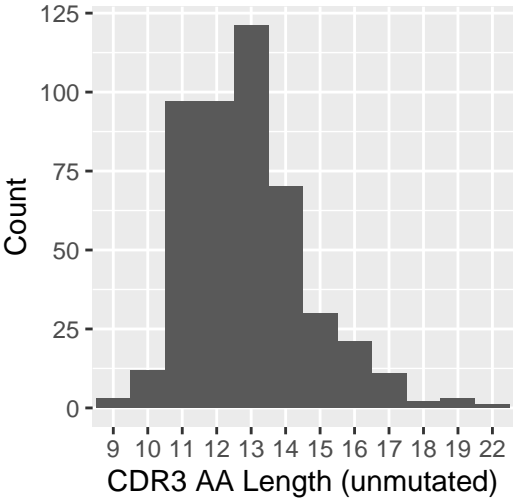
720 sequences assigned
710 (98.6%) exact matches, in which:
699 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.