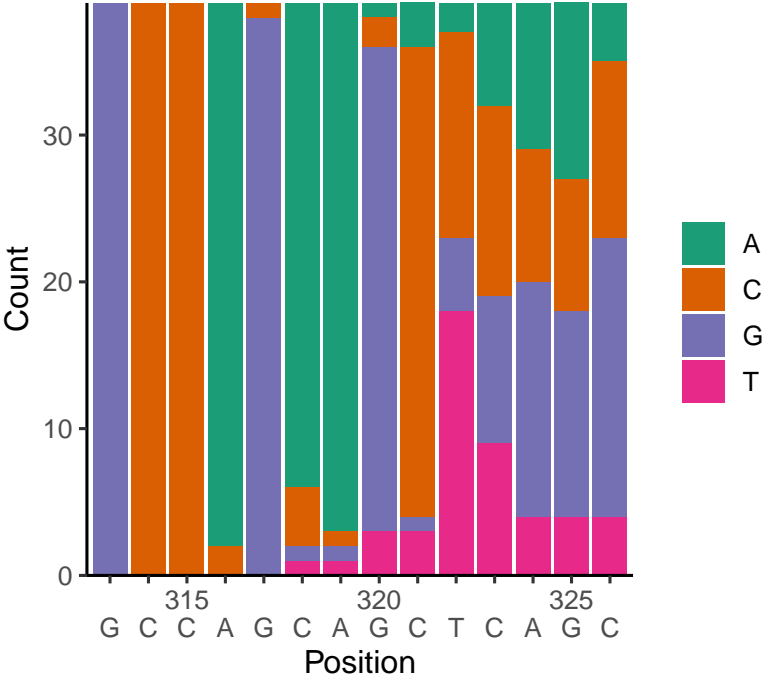
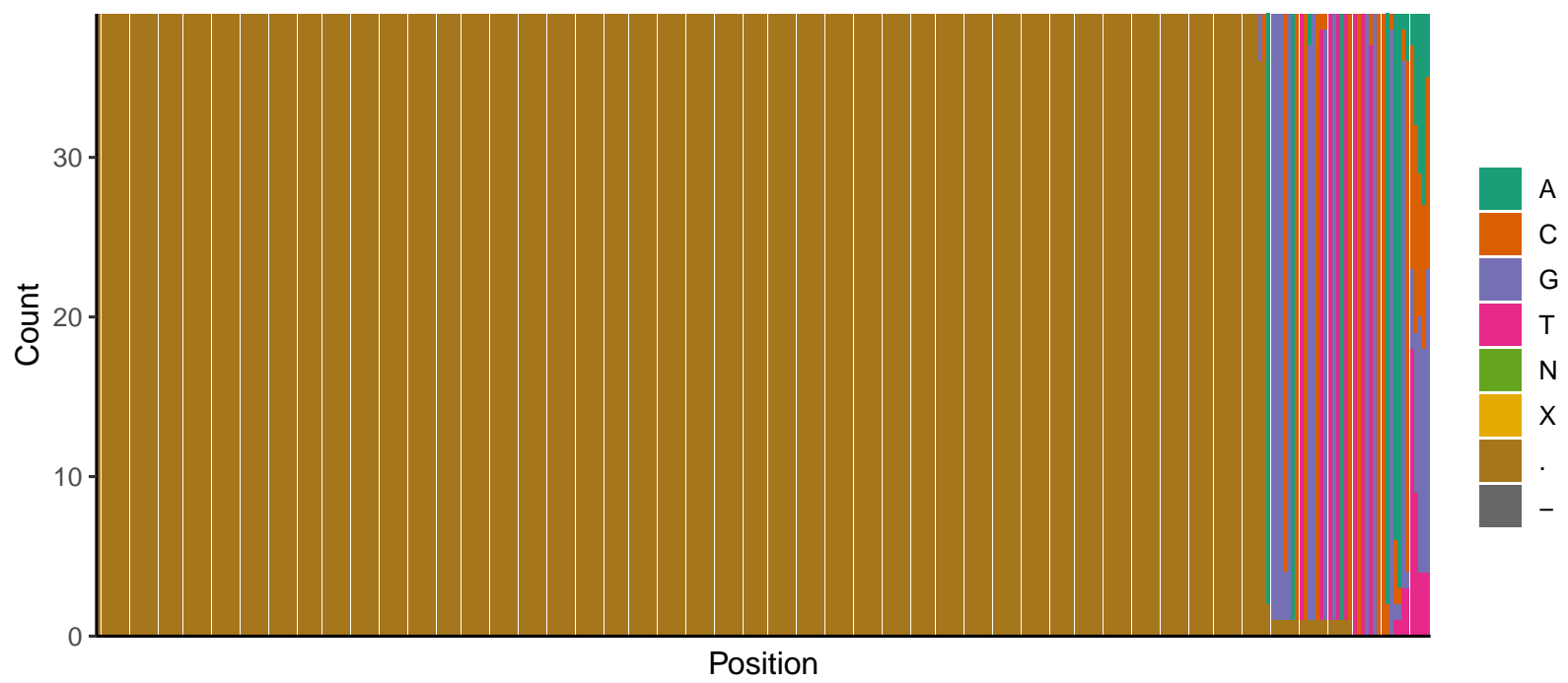


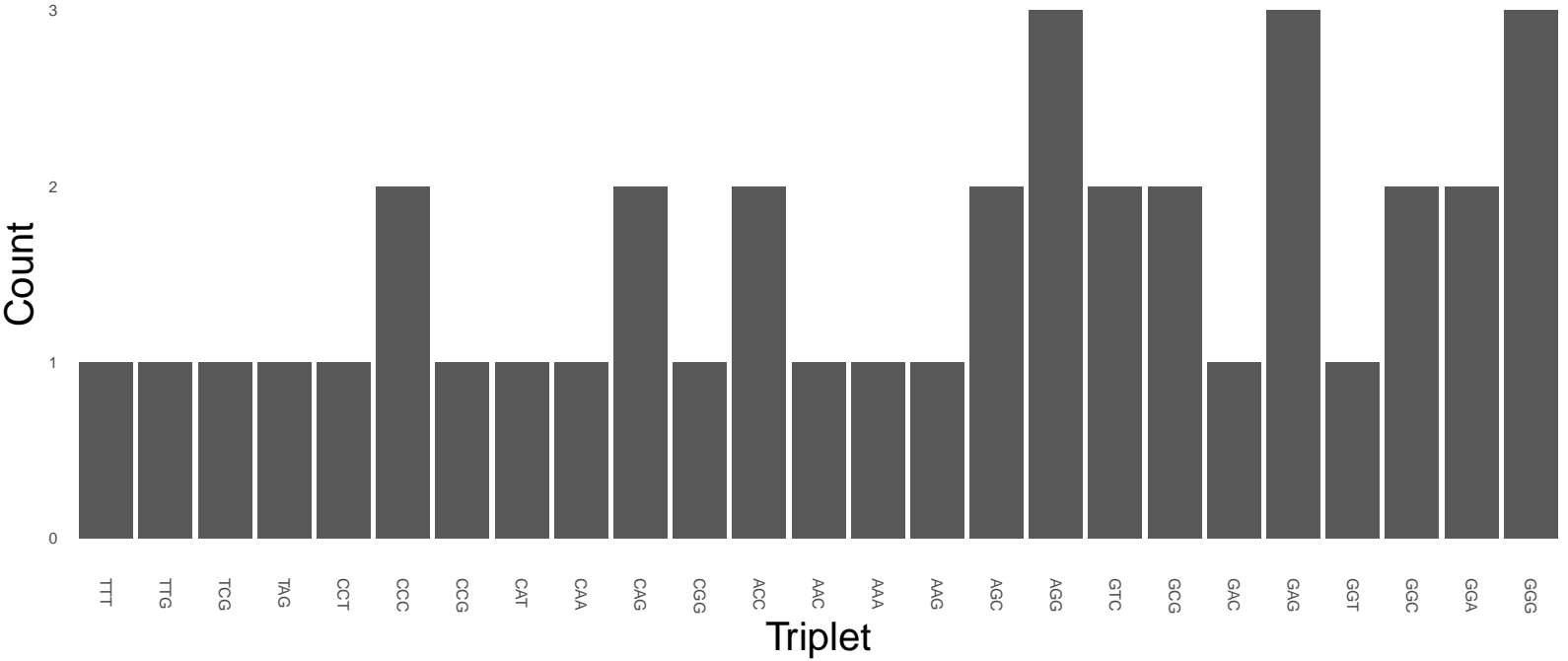
Gene TRBV7-1*ap01_T296C



Gene TRBV7-1*ap01_T296C

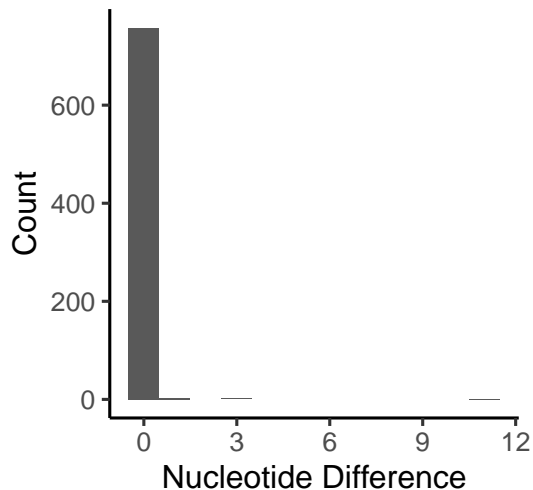


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



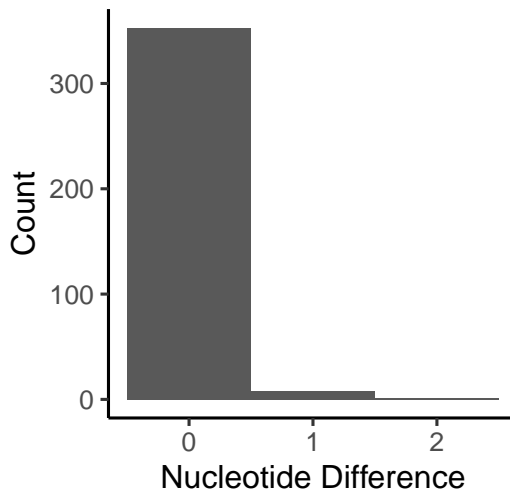
TRBV10–1*ap01

764 sequences assigned
758 (99.2%) exact matches, in which:
739 unique CDR3
13 unique J



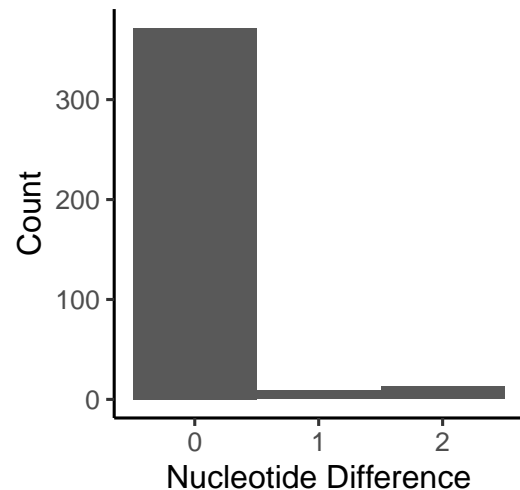
TRBV10–2*ap01

362 sequences assigned
353 (97.5%) exact matches, in which:
344 unique CDR3
13 unique J



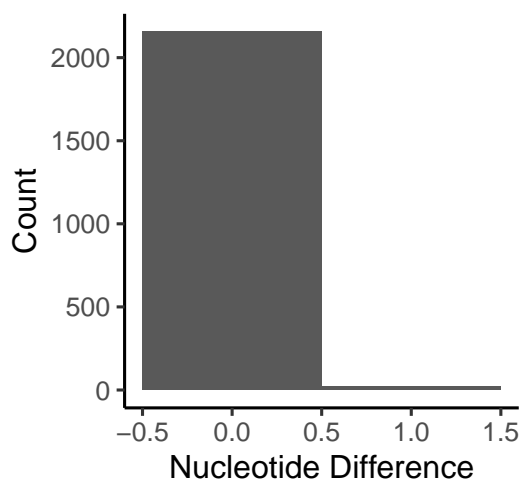
TRBV13*ap01

394 sequences assigned
372 (94.4%) exact matches, in which:
361 unique CDR3
13 unique J



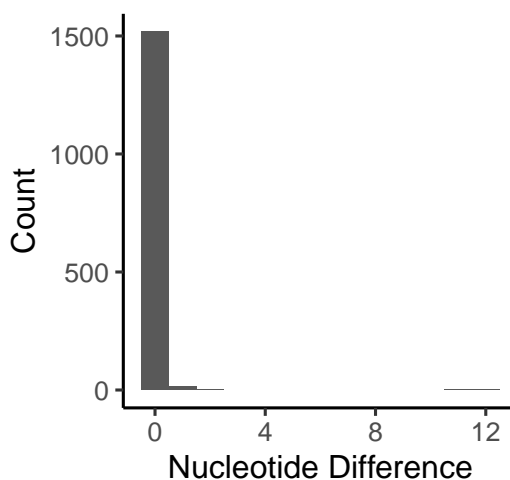
TRBV20–1*ap01

2176 sequences assigned
2156 (99.1%) exact matches, in which:
2127 unique CDR3
13 unique J



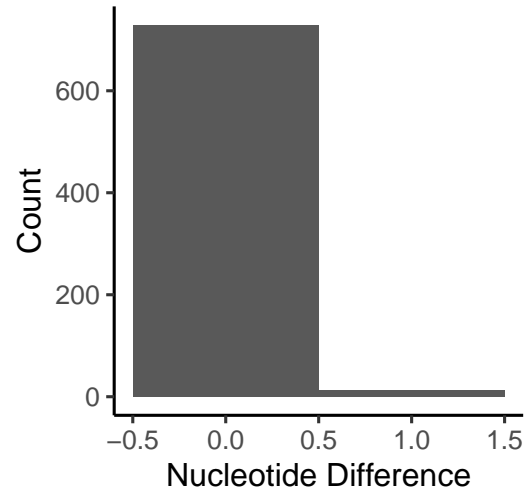
TRBV10–3*ap01

1537 sequences assigned
1518 (98.8%) exact matches, in which:
1486 unique CDR3
13 unique J



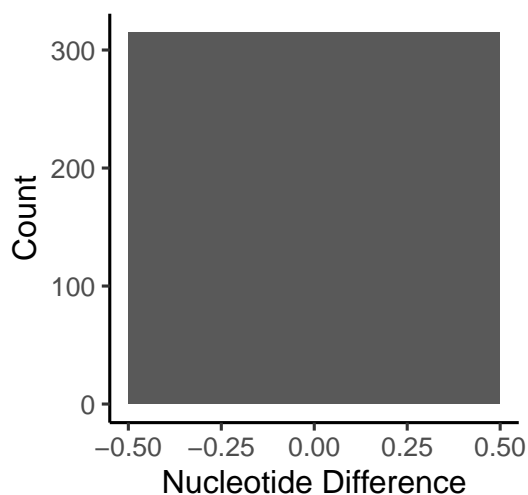
TRBV14*ap01

742 sequences assigned
729 (98.2%) exact matches, in which:
717 unique CDR3
13 unique J



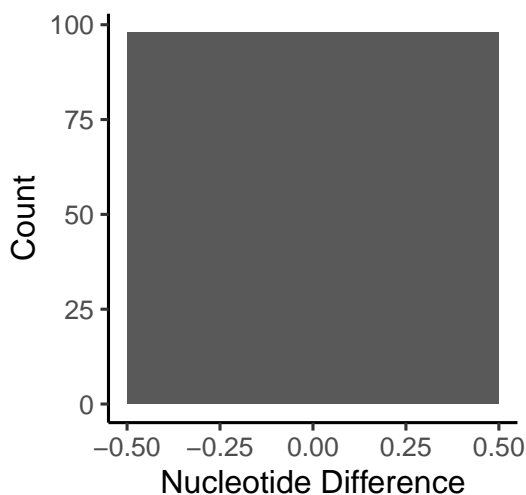
TRBV20–1*ap02

315 sequences assigned
315 (100%) exact matches, in which:
310 unique CDR3
13 unique J



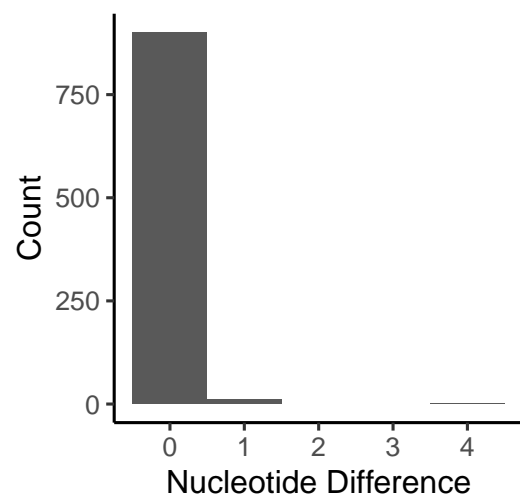
TRBV1*ap01

98 sequences assigned
98 (100%) exact matches, in which:
97 unique CDR3
13 unique J



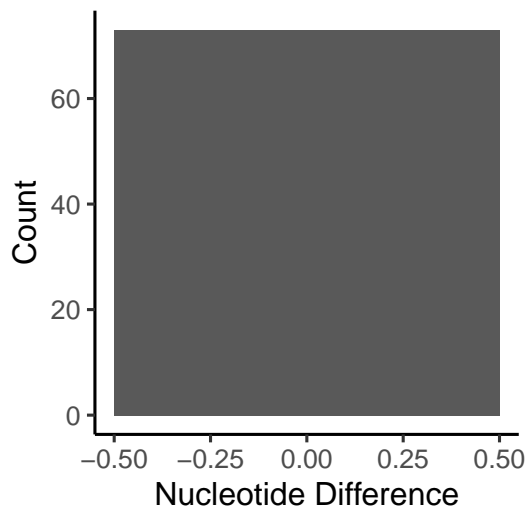
TRBV15*ap02

914 sequences assigned
901 (98.6%) exact matches, in which:
885 unique CDR3
13 unique J



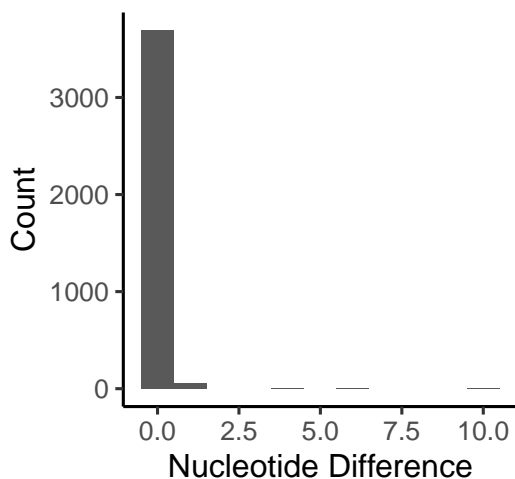
TRBV16*ap01

73 sequences assigned
73 (100%) exact matches, in which:
72 unique CDR3
12 unique J



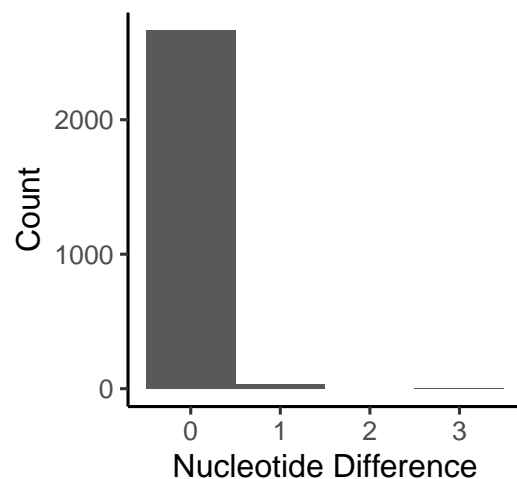
TRBV19*ap01

3751 sequences assigned
3691 (98.4%) exact matches, in which:
3632 unique CDR3
13 unique J



TRBV28*ap01

2699 sequences assigned
2664 (98.7%) exact matches, in which:
2608 unique CDR3
13 unique J



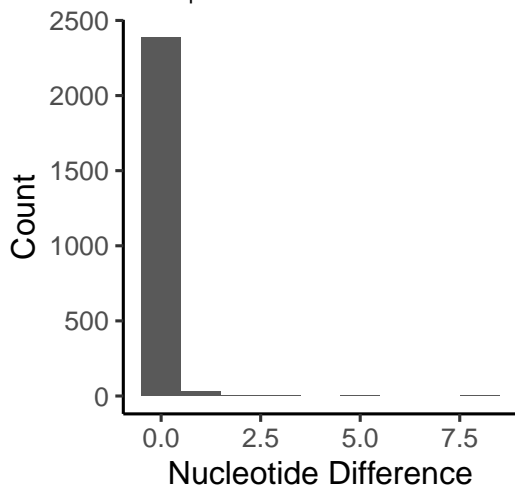
TRBV17*ap01

1 sequences assigned
No exact matches.



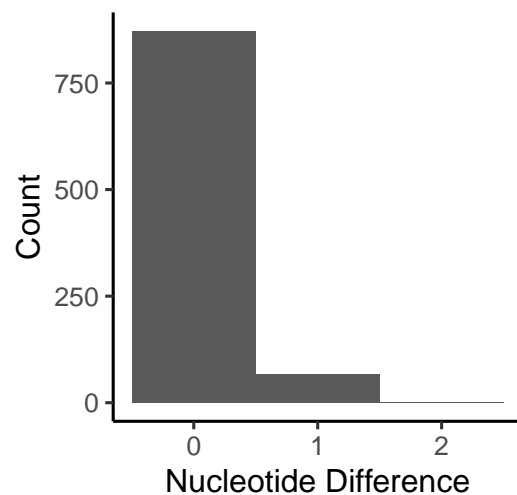
TRBV2*ap01

2424 sequences assigned
2385 (98.4%) exact matches, in which:
2346 unique CDR3
13 unique J



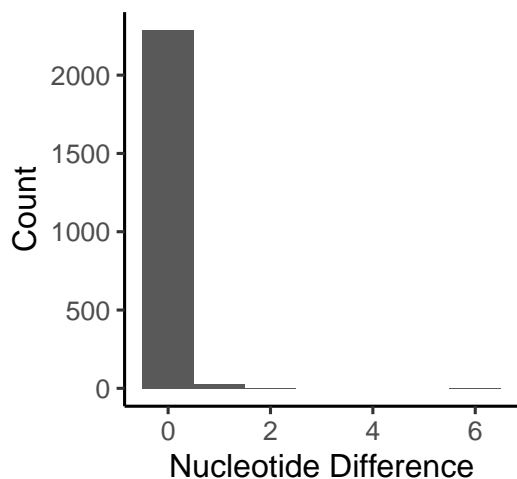
TRBV30*ap01

939 sequences assigned
872 (92.9%) exact matches, in which:
863 unique CDR3
13 unique J



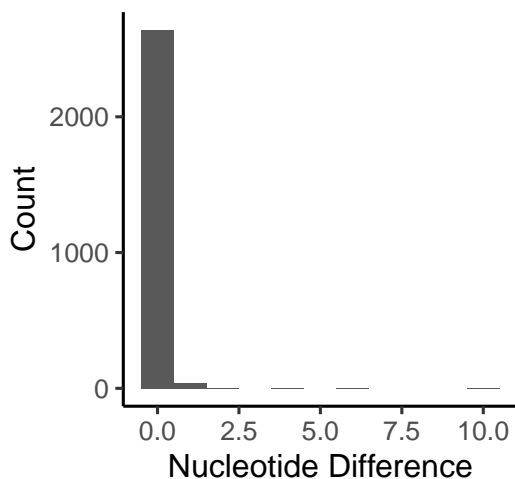
TRBV18*ap01

2318 sequences assigned
2288 (98.7%) exact matches, in which:
2238 unique CDR3
13 unique J



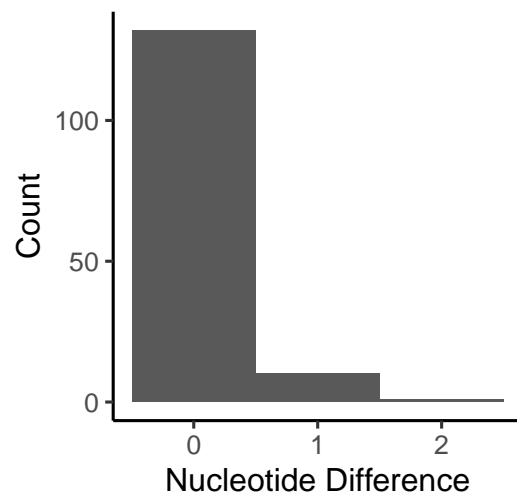
TRBV27*ap01

2686 sequences assigned
2639 (98.3%) exact matches, in which:
2576 unique CDR3
13 unique J



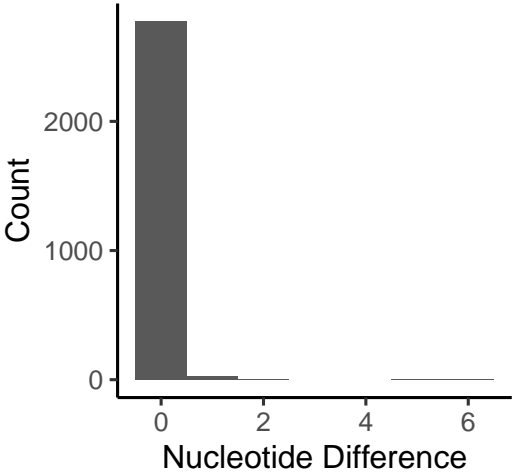
TRBV30*ap03

143 sequences assigned
132 (92.3%) exact matches, in which:
131 unique CDR3
12 unique J



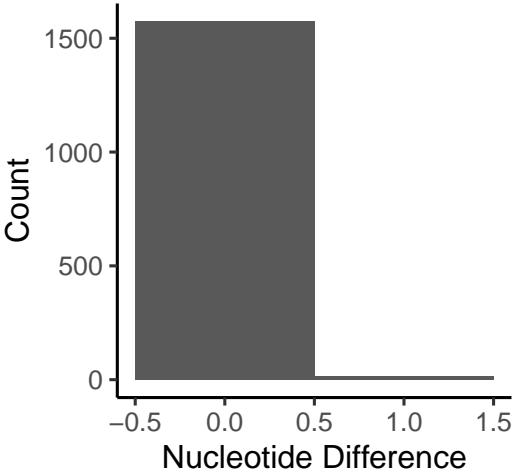
TRBV9*ap01

2804 sequences assigned
2774 (98.9%) exact matches, in which:
2720 unique CDR3
13 unique J



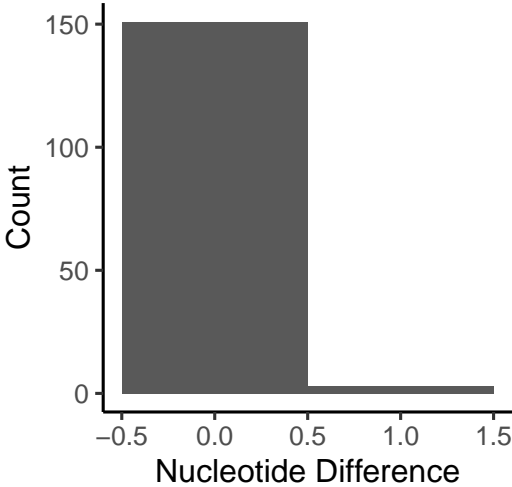
TRBV11-2*ap01

1589 sequences assigned
1574 (99.1%) exact matches, in which:
1549 unique CDR3
13 unique J



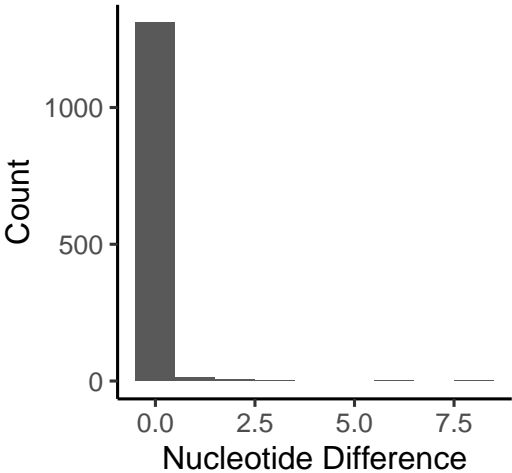
TRBV12-2*ap01

154 sequences assigned
151 (98.1%) exact matches, in which:
148 unique CDR3
12 unique J



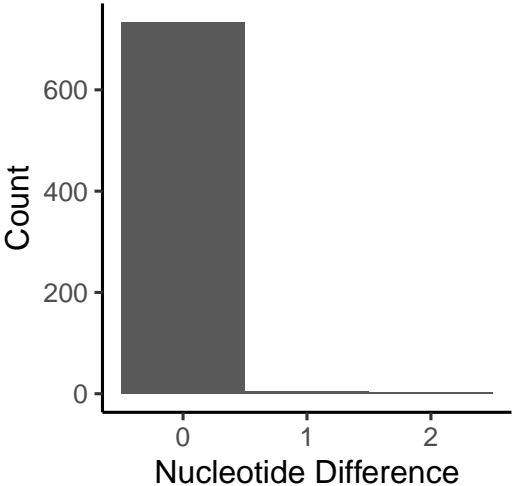
TRBV21-1*ap01

1332 sequences assigned
1310 (98.3%) exact matches, in which:
1279 unique CDR3
13 unique J



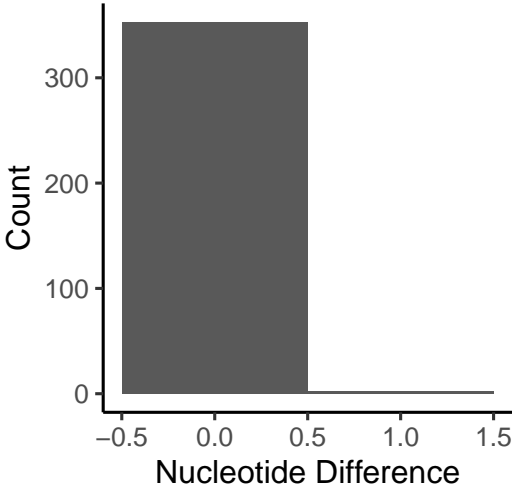
TRBV11-3*ap01

741 sequences assigned
734 (99.1%) exact matches, in which:
720 unique CDR3
13 unique J



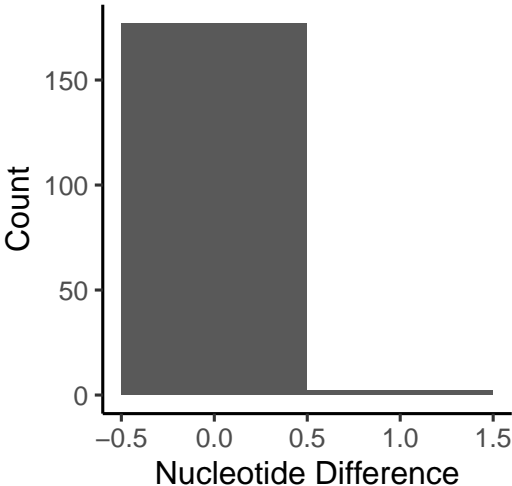
TRBV12-5*ap01

355 sequences assigned
353 (99.4%) exact matches, in which:
348 unique CDR3
13 unique J



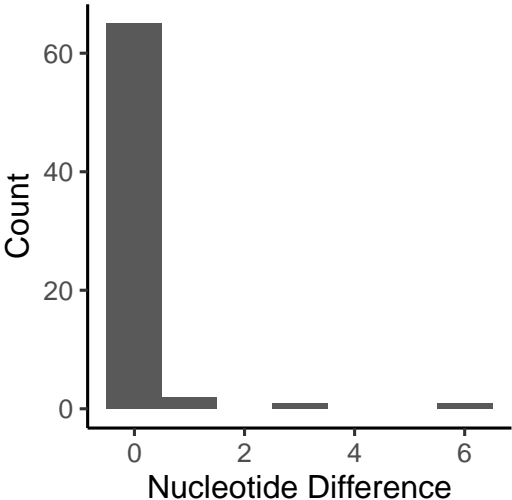
TRBV11-1*ap01

179 sequences assigned
177 (98.9%) exact matches, in which:
169 unique CDR3
13 unique J



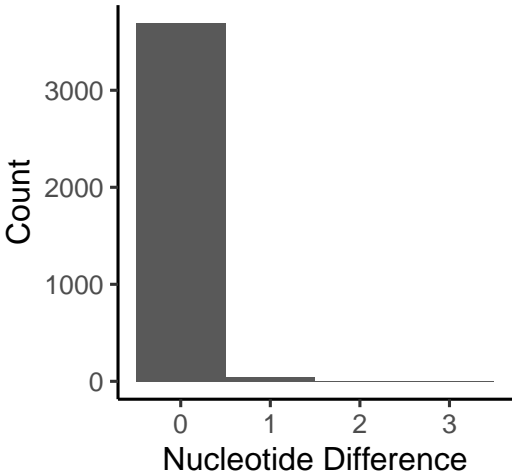
TRBV12-1*ap01

69 sequences assigned
65 (94.2%) exact matches, in which:
65 unique CDR3
13 unique J



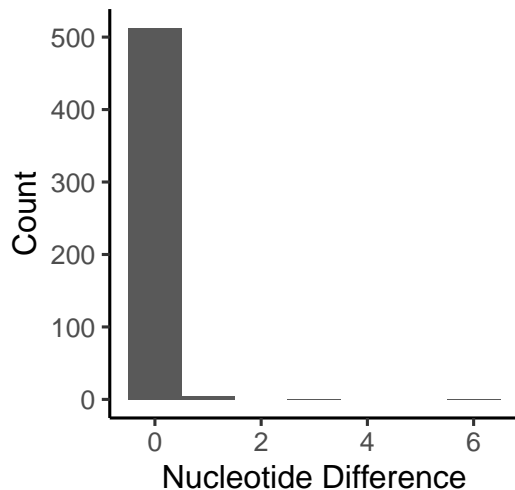
TRBV12-34*ap01

3744 sequences assigned
3693 (98.6%) exact matches, in which:
3627 unique CDR3
13 unique J



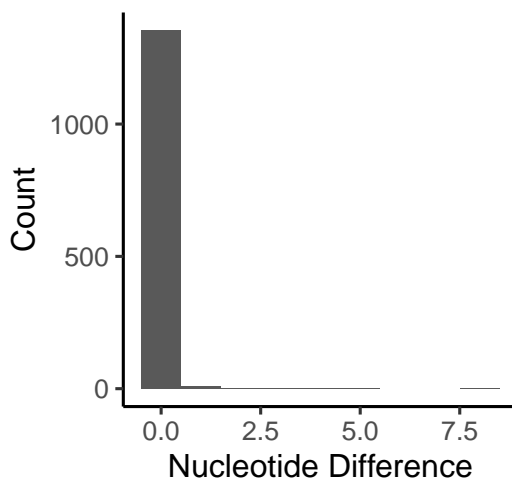
TRBV23-1*ap01

520 sequences assigned
513 (98.7%) exact matches, in which:
500 unique CDR3
13 unique J



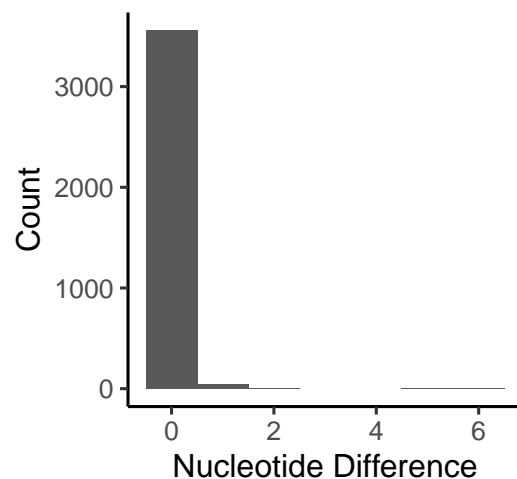
TRBV24-1*ap01

1373 sequences assigned
1354 (98.6%) exact matches, in which:
1335 unique CDR3
13 unique J



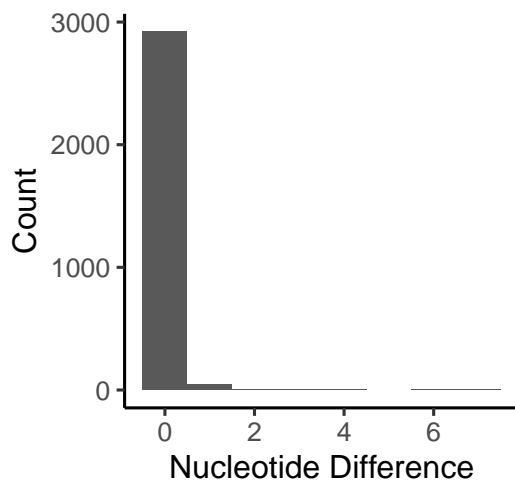
TRBV5-1*ap01

3606 sequences assigned
3558 (98.7%) exact matches, in which:
3477 unique CDR3
13 unique J



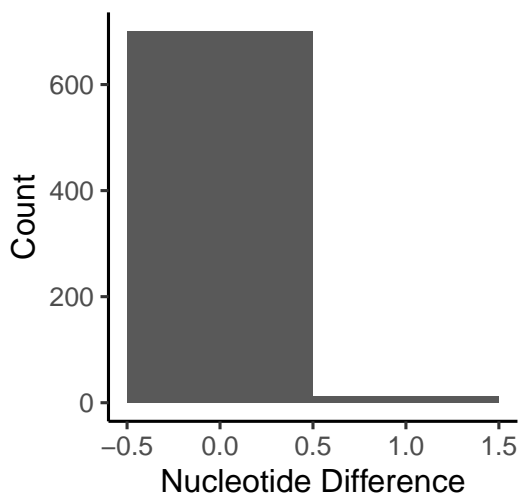
TRBV3-12*ap01

2976 sequences assigned
2921 (98.2%) exact matches, in which:
2867 unique CDR3
13 unique J



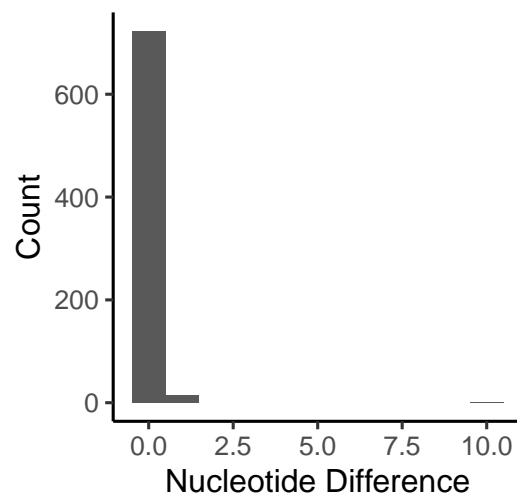
TRBV4-2*ap01

713 sequences assigned
701 (98.3%) exact matches, in which:
695 unique CDR3
13 unique J



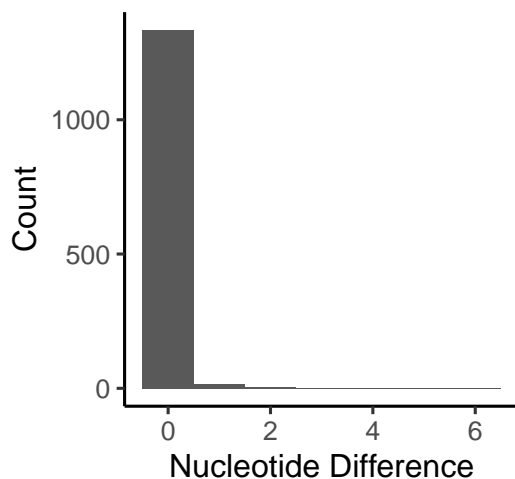
TRBV25-1*ap01

739 sequences assigned
723 (97.8%) exact matches, in which:
720 unique CDR3
13 unique J



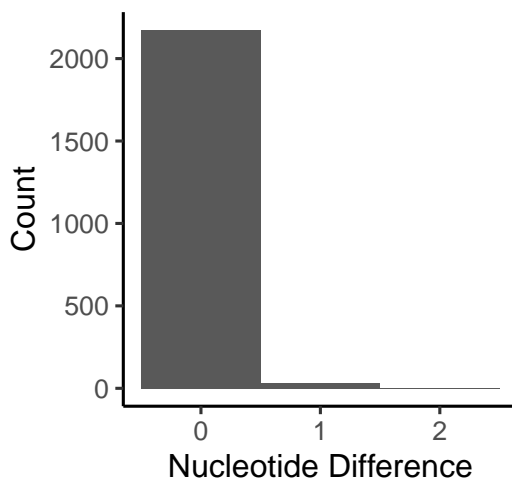
TRBV4-1*ap01

1361 sequences assigned
1334 (98%) exact matches, in which:
1314 unique CDR3
13 unique J



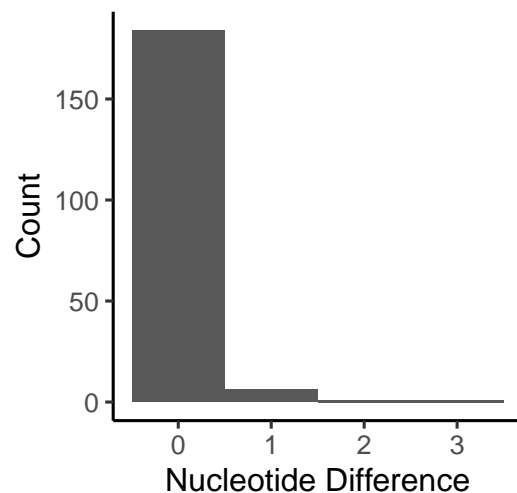
TRBV4-3*ap01

2206 sequences assigned
2173 (98.5%) exact matches, in which:
2139 unique CDR3
13 unique J



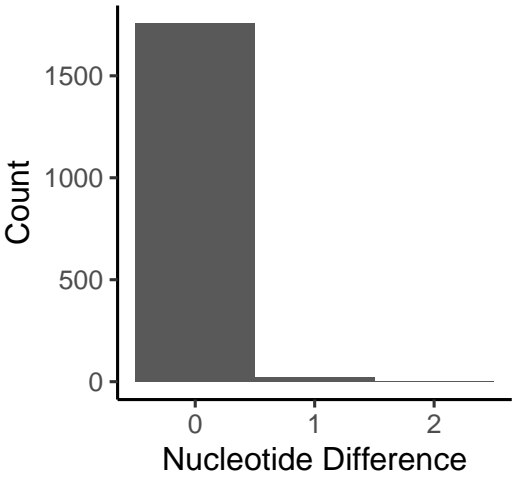
TRBV5-3*ap01

192 sequences assigned
184 (95.8%) exact matches, in which:
182 unique CDR3
13 unique J



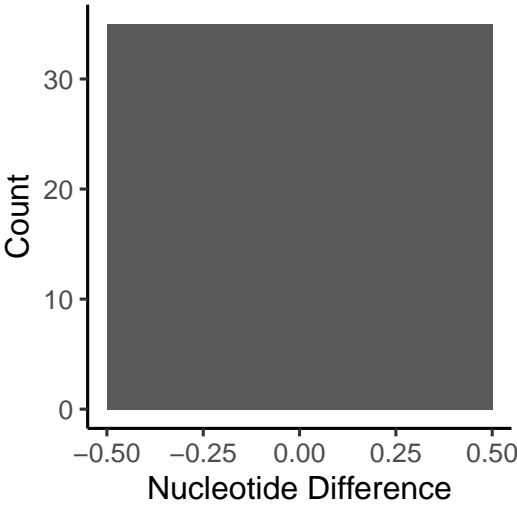
TRBV5-4*ap01

1782 sequences assigned
1757 (98.6%) exact matches, in which:
1721 unique CDR3
13 unique J



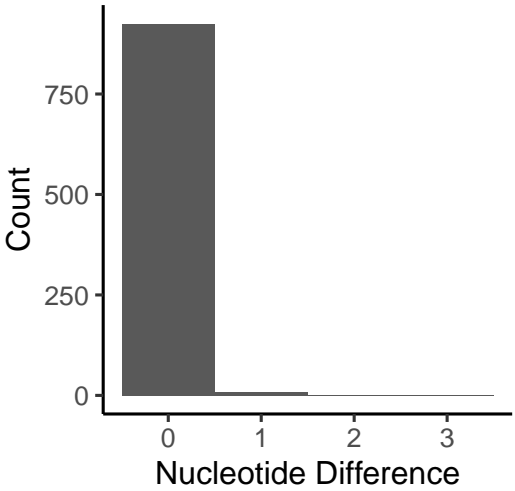
TRBV5-7*ap01

35 sequences assigned
35 (100%) exact matches, in which:
34 unique CDR3
11 unique J



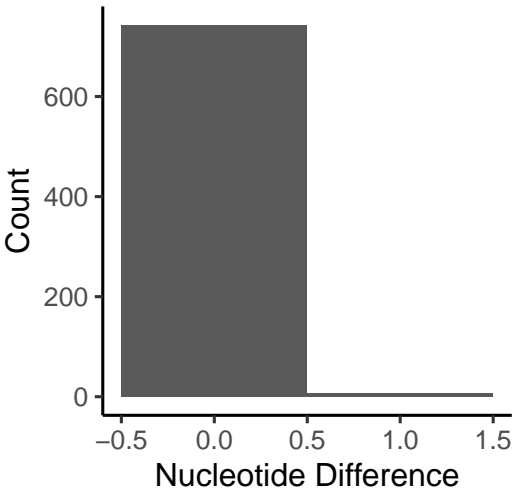
TRBV6-4*ap01

936 sequences assigned
925 (98.8%) exact matches, in which:
912 unique CDR3
13 unique J



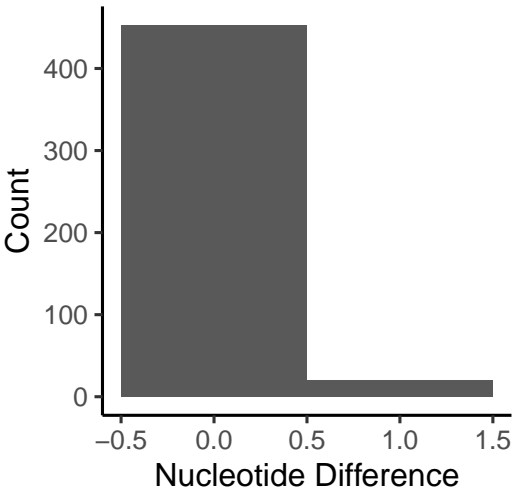
TRBV5-5*ap01

751 sequences assigned
743 (98.9%) exact matches, in which:
720 unique CDR3
13 unique J



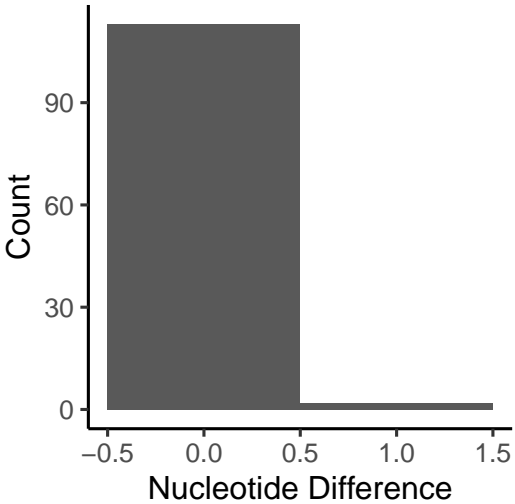
TRBV5-8*ap01

473 sequences assigned
453 (95.8%) exact matches, in which:
441 unique CDR3
13 unique J



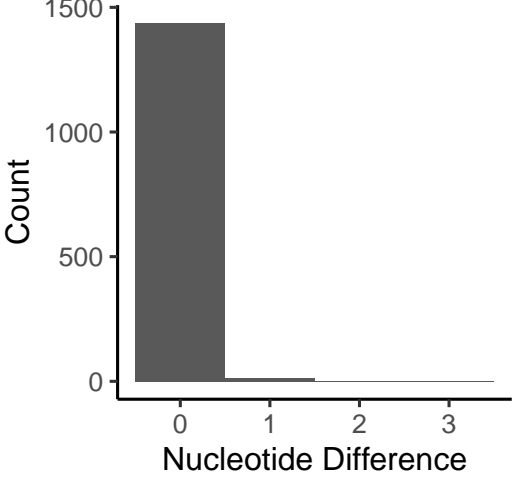
TRBV6-7*ap01

115 sequences assigned
113 (98.3%) exact matches, in which:
110 unique CDR3
13 unique J



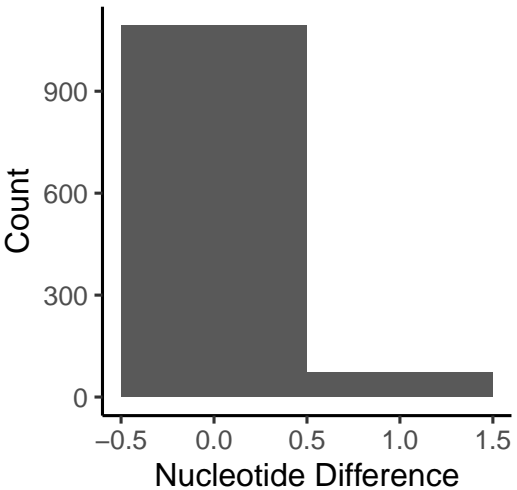
TRBV5-6*ap01

1453 sequences assigned
1437 (98.9%) exact matches, in which:
1415 unique CDR3
13 unique J



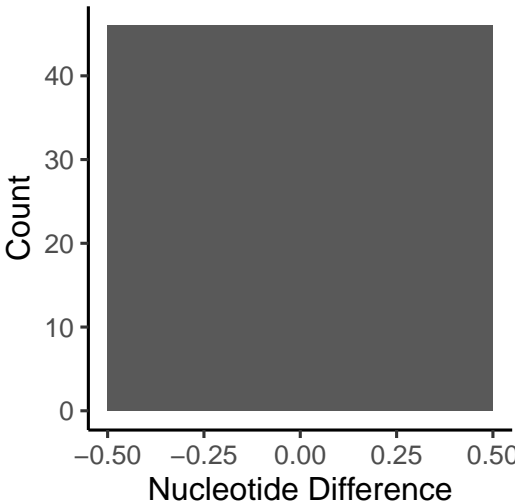
TRBV6-1*ap01

1166 sequences assigned
1094 (93.8%) exact matches, in which:
1075 unique CDR3
13 unique J



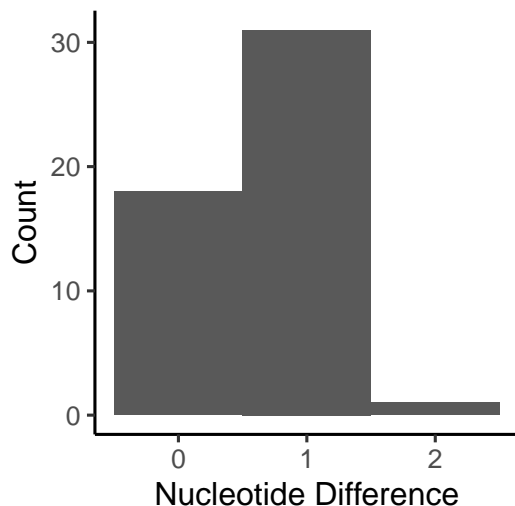
TRBV6-8*ap01

46 sequences assigned
46 (100%) exact matches, in which:
46 unique CDR3
13 unique J



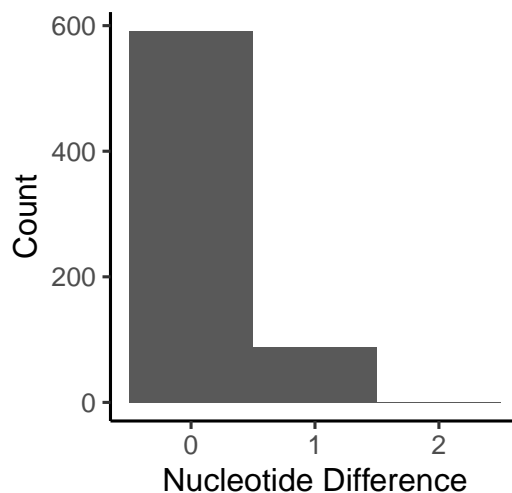
TRBV6-9*ap01

50 sequences assigned
18 (36%) exact matches, in which:
18 unique CDR3
11 unique J



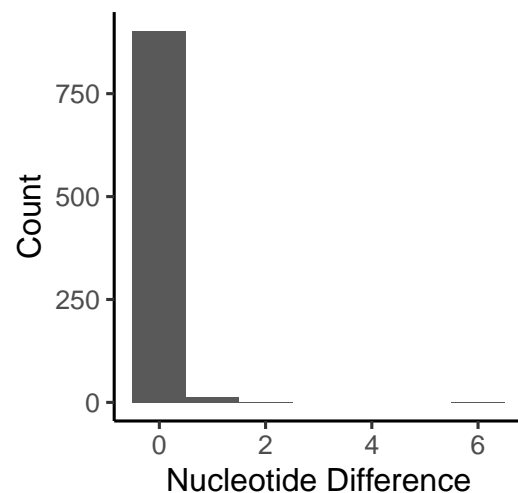
TRBV6-56*ap02

681 sequences assigned
592 (86.9%) exact matches, in which:
578 unique CDR3
13 unique J



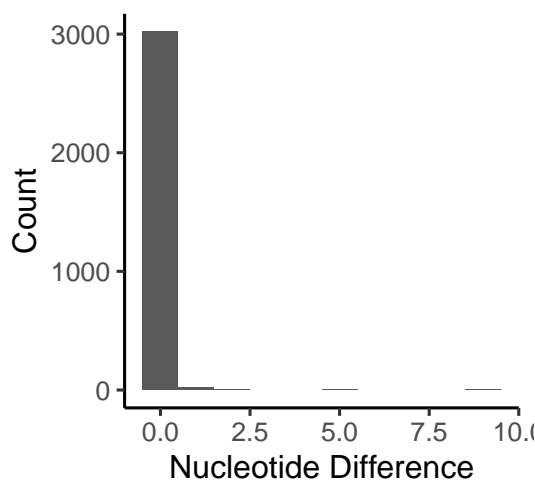
TRBV7-3*ap01

918 sequences assigned
903 (98.4%) exact matches, in which:
890 unique CDR3
13 unique J



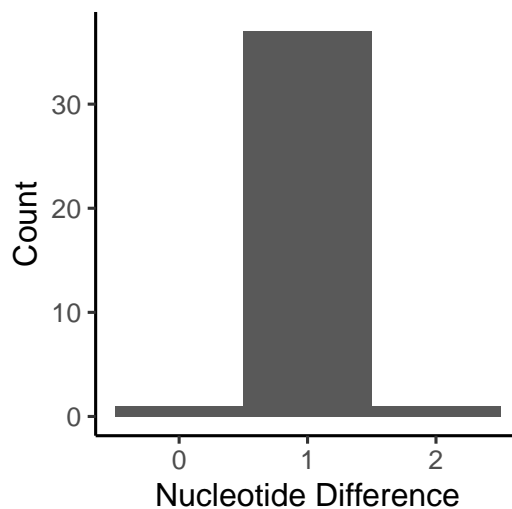
TRBV6-23*ap01

3046 sequences assigned
3020 (99.1%) exact matches, in which:
2989 unique CDR3
13 unique J



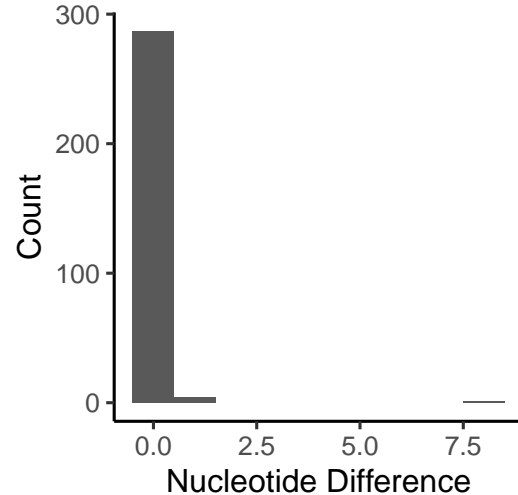
TRBV7-1*ap01_T296C

39 sequences assigned
1 (2.6%) exact matches, in which:
1 unique CDR3
1 unique J



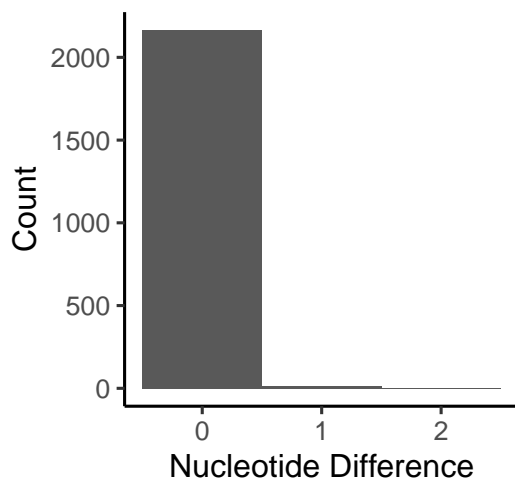
TRBV7-3*ap02

292 sequences assigned
287 (98.3%) exact matches, in which:
281 unique CDR3
13 unique J



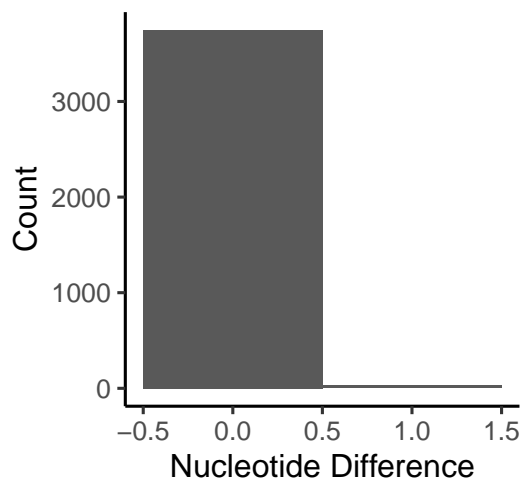
TRBV6-56*ap01

2181 sequences assigned
2165 (99.3%) exact matches, in which:
2128 unique CDR3
13 unique J



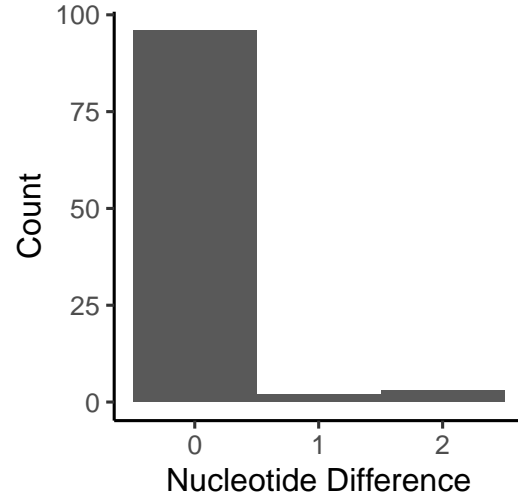
TRBV7-2*ap01

3777 sequences assigned
3747 (99.2%) exact matches, in which:
3672 unique CDR3
13 unique J



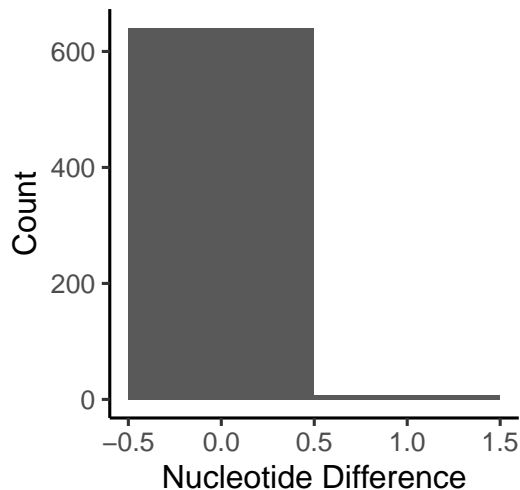
TRBV7-4*ap01

101 sequences assigned
96 (95%) exact matches, in which:
93 unique CDR3
11 unique J



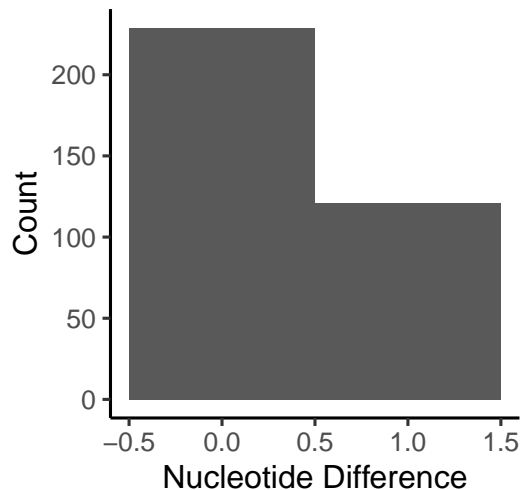
TRBV7-6*ap01

649 sequences assigned
641 (98.8%) exact matches, in which:
636 unique CDR3
13 unique J



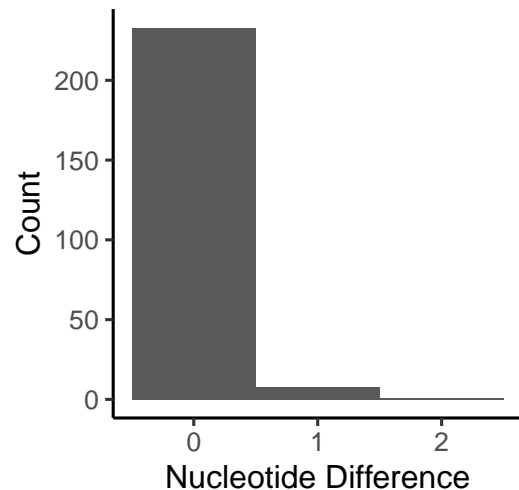
TRBV7-8*ap03

350 sequences assigned
229 (65.4%) exact matches, in which:
226 unique CDR3
12 unique J



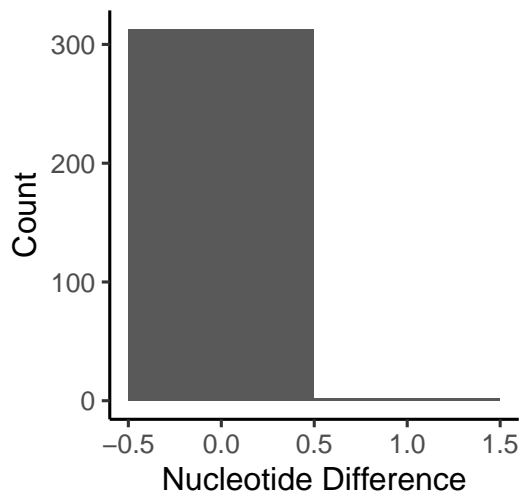
TRBV29-1*ap02

242 sequences assigned
233 (96.3%) exact matches, in which:
230 unique CDR3
13 unique J



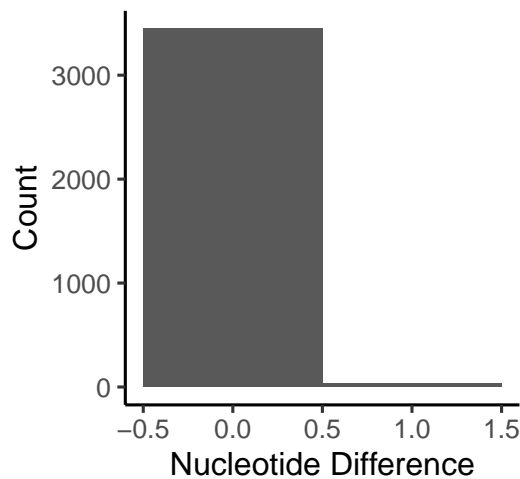
TRBV7-7*ap01

315 sequences assigned
313 (99.4%) exact matches, in which:
307 unique CDR3
13 unique J



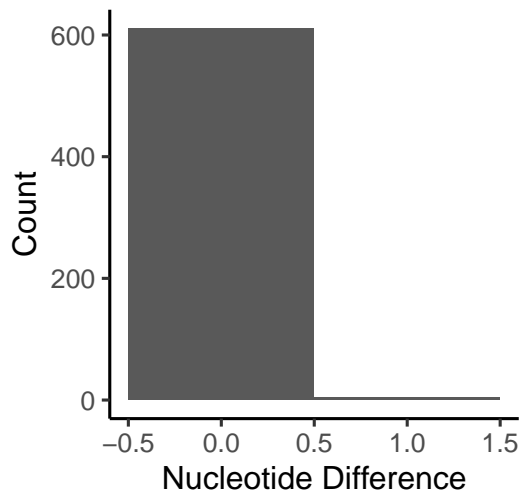
TRBV7-9*ap01

3479 sequences assigned
3447 (99.1%) exact matches, in which:
3397 unique CDR3
13 unique J



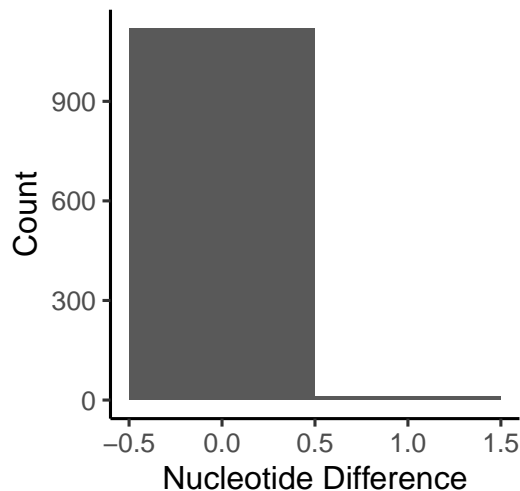
TRBV7-8*ap01

615 sequences assigned
611 (99.3%) exact matches, in which:
602 unique CDR3
13 unique J



TRBV29-1*ap01

1132 sequences assigned
1120 (98.9%) exact matches, in which:
1101 unique CDR3
13 unique J



TRBV7-1*ap01_T296C

