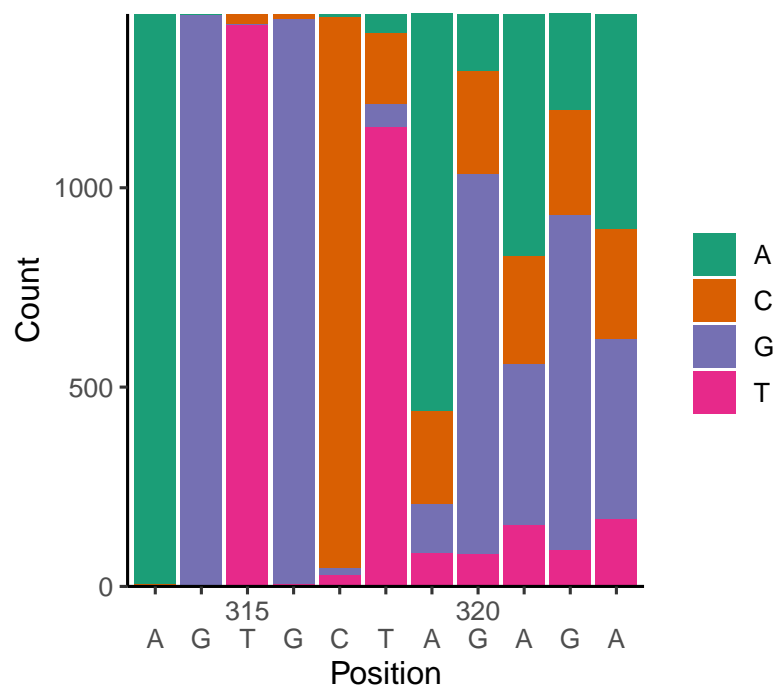


Gene TRBV20-1*bp04_322GA323



Gene TRBV20-1*bp04_322GA323



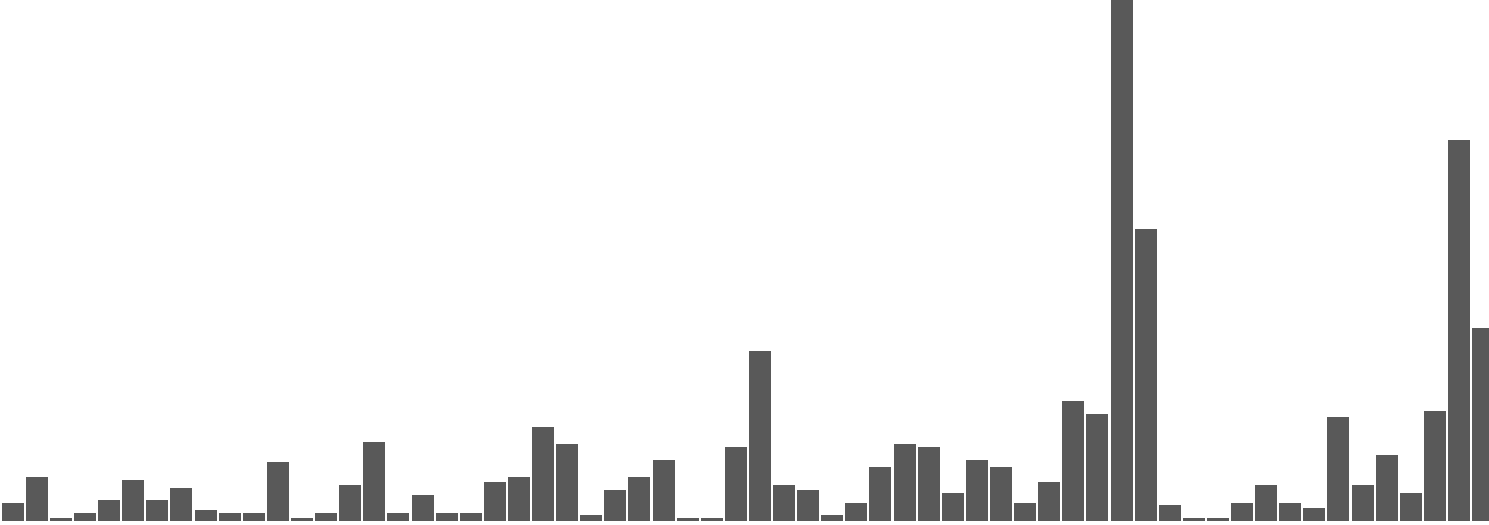
TRBV20-1*bp04_322GA323- Final 3 nucleotides as a triplet

Count

200
150
100
50
0

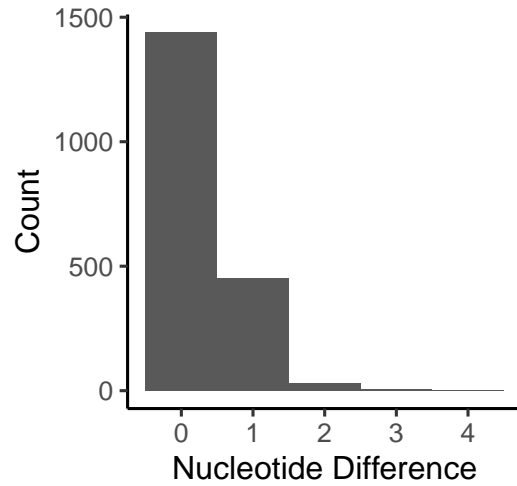
Triplet

TTT
TTC
TTA
TTG
TCT
TCC
TCA
TCG
TAT
TAC
TAA
TAG
TGT
TGC
TGA
TGG
CTT
CTC
CTA
CTG
CCT
CCC
CCA
CCG
CAT
CAC
CAA
CAG
CGT
CGC
CGA
CGG
ATT
ATC
ATA
ATG
ACT
ACC
ACA
ACG
AAT
AAC
AAA
AAG
AGT
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AGA
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GTT
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GTA
GCC
GCA
GCG
GAT
GAC
GAA
GAG
GGT
GGC
GGA
GGG



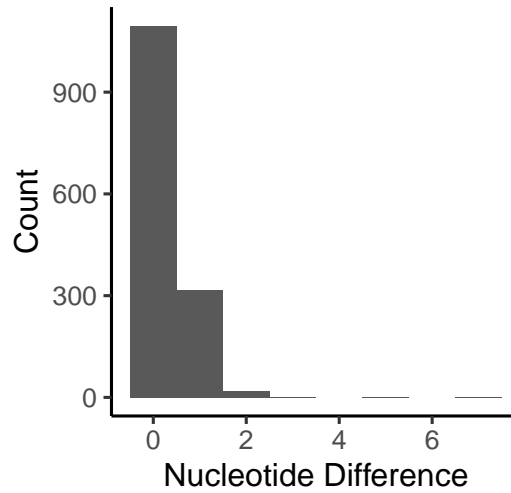
TRBV20-1*bp01

1927 sequences assigned
1439 (74.7%) exact matches, in which:
757 unique CDR3
15 unique J



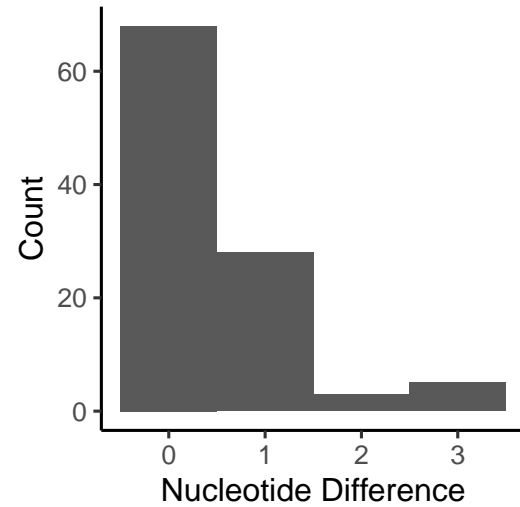
TRBV20-1*bp04_322GA:

1436 sequences assigned
1096 (76.3%) exact matches, in which:
619 unique CDR3
15 unique J



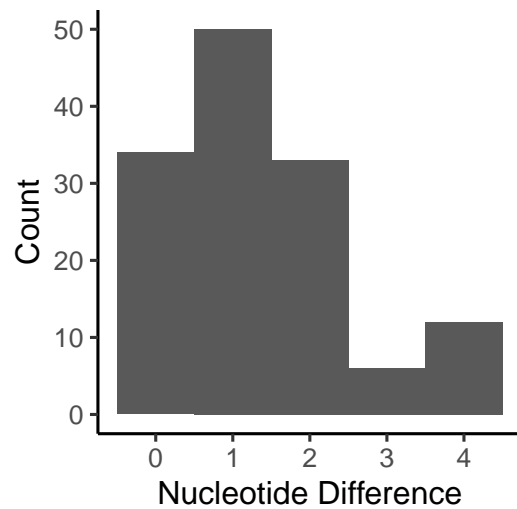
TRBV13*bp01

104 sequences assigned
68 (65.4%) exact matches, in which:
61 unique CDR3
13 unique J



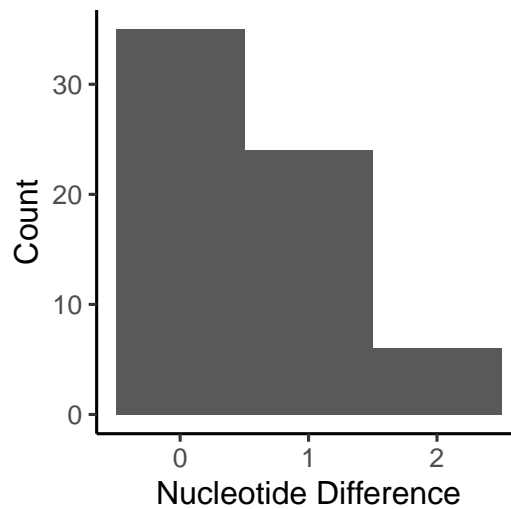
TRBV10-1*bp01

135 sequences assigned
34 (25.2%) exact matches, in which:
29 unique CDR3
10 unique J



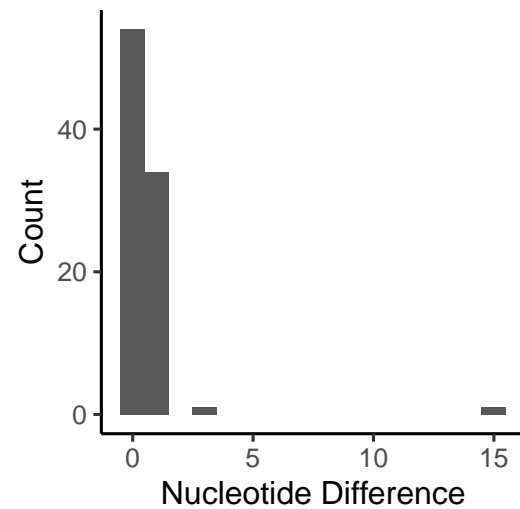
TRBV10-2*bp01

65 sequences assigned
35 (53.8%) exact matches, in which:
30 unique CDR3
12 unique J



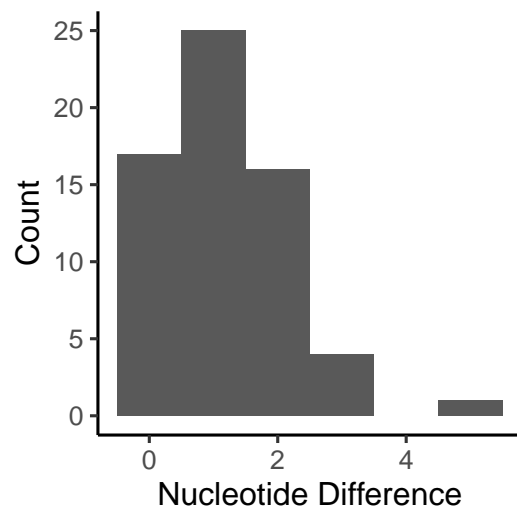
TRBV14*bp01

90 sequences assigned
54 (60%) exact matches, in which:
42 unique CDR3
10 unique J



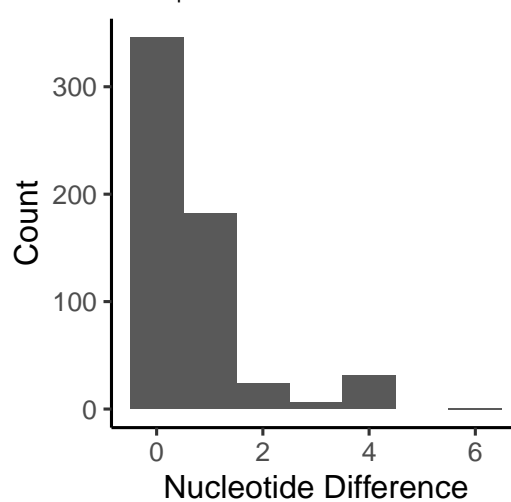
TRBV10-1*bp02

63 sequences assigned
17 (27%) exact matches, in which:
16 unique CDR3
8 unique J



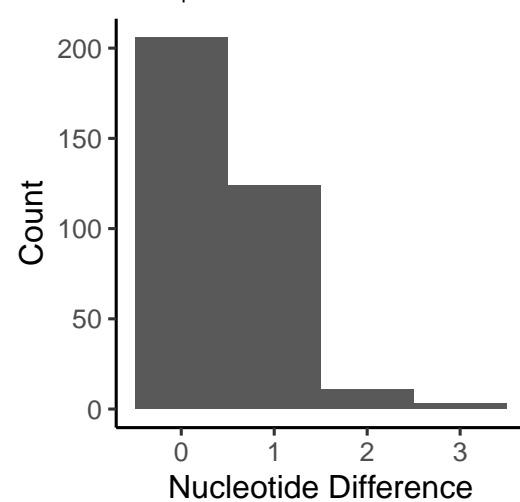
TRBV10-3*bp01

590 sequences assigned
346 (58.6%) exact matches, in which:
279 unique CDR3
15 unique J



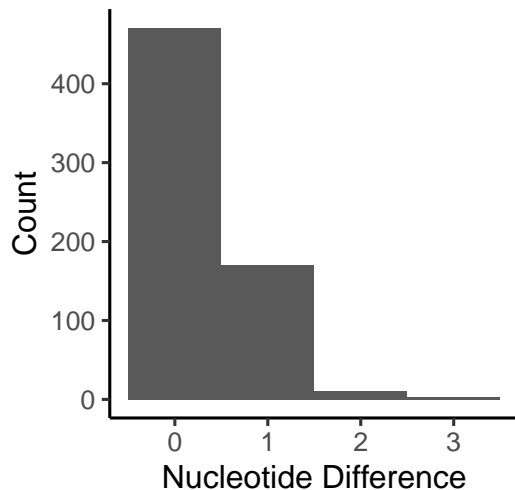
TRBV15*bp02

344 sequences assigned
206 (59.9%) exact matches, in which:
125 unique CDR3
14 unique J



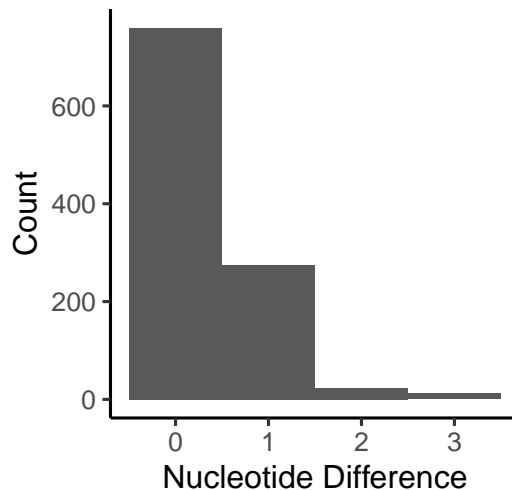
TRBV18*bp01

655 sequences assigned
471 (71.9%) exact matches, in which:
261 unique CDR3
14 unique J



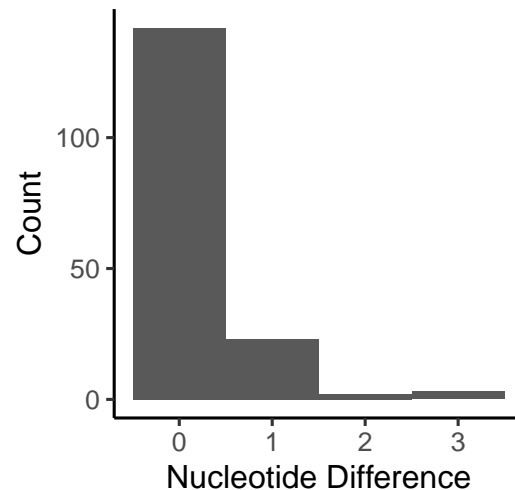
TRBV27*bp01

1069 sequences assigned
760 (71.1%) exact matches, in which:
631 unique CDR3
15 unique J



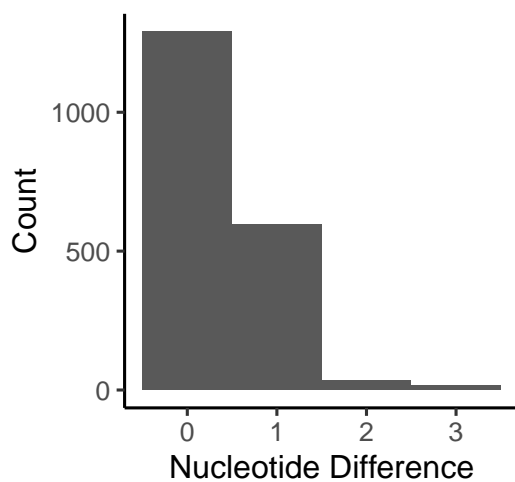
TRBV9*bp01

170 sequences assigned
142 (83.5%) exact matches, in which:
113 unique CDR3
15 unique J



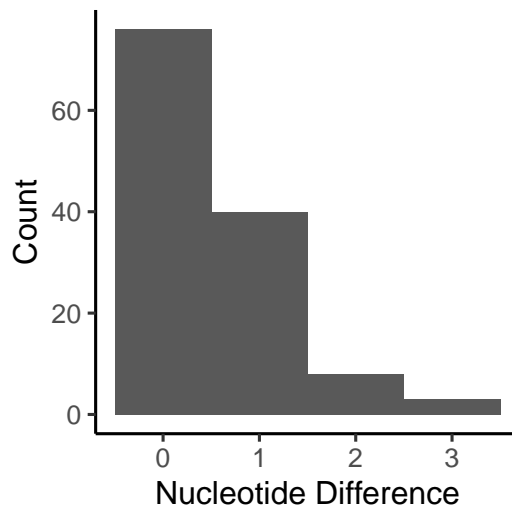
TRBV19*bp01

1936 sequences assigned
1290 (66.6%) exact matches, in which:
842 unique CDR3
15 unique J



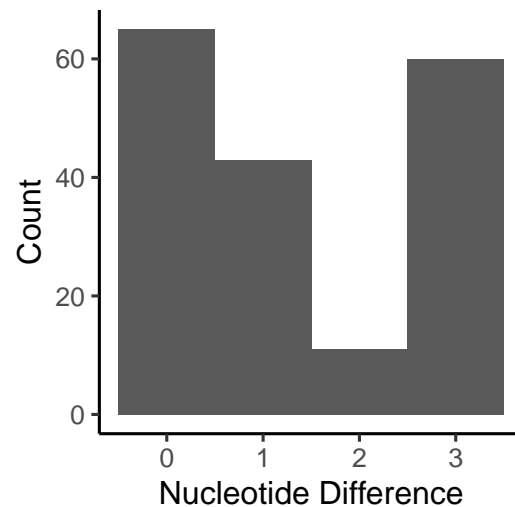
TRBV28*bp01

127 sequences assigned
76 (59.8%) exact matches, in which:
65 unique CDR3
13 unique J



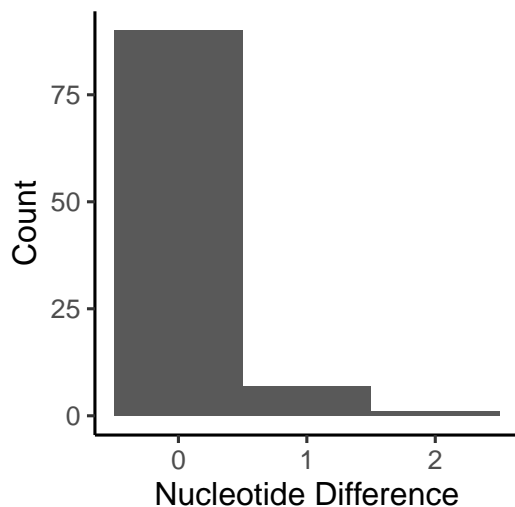
TRBV11-1*bp01

179 sequences assigned
65 (36.3%) exact matches, in which:
55 unique CDR3
11 unique J



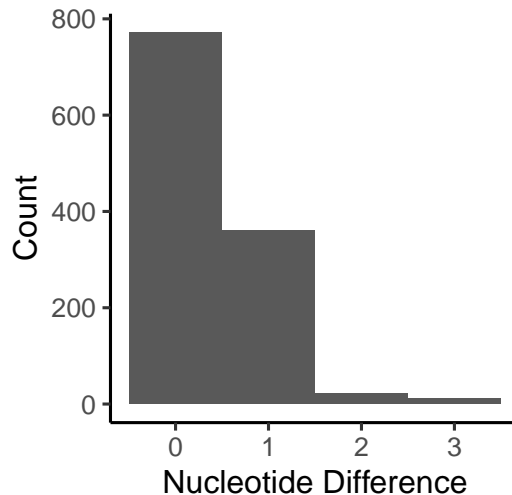
TRBV2*bp01

98 sequences assigned
90 (91.8%) exact matches, in which:
83 unique CDR3
13 unique J



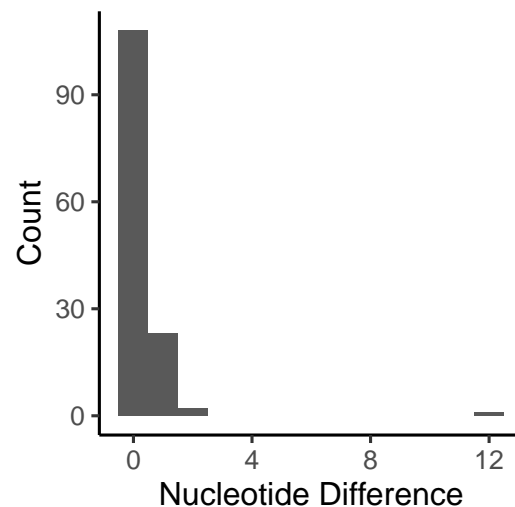
TRBV30*bp02

1165 sequences assigned
772 (66.3%) exact matches, in which:
366 unique CDR3
15 unique J



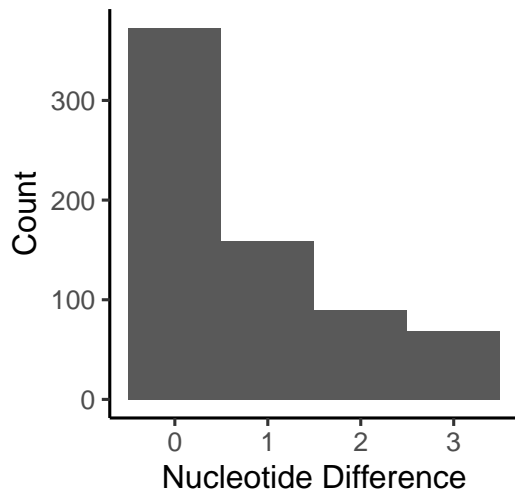
TRBV21-1*bp01

134 sequences assigned
108 (80.6%) exact matches, in which:
89 unique CDR3
12 unique J



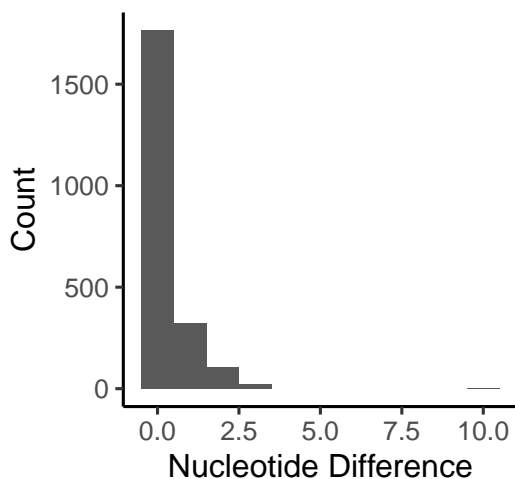
TRBV11–2*bp01

691 sequences assigned
373 (54%) exact matches, in which:
289 unique CDR3
15 unique J



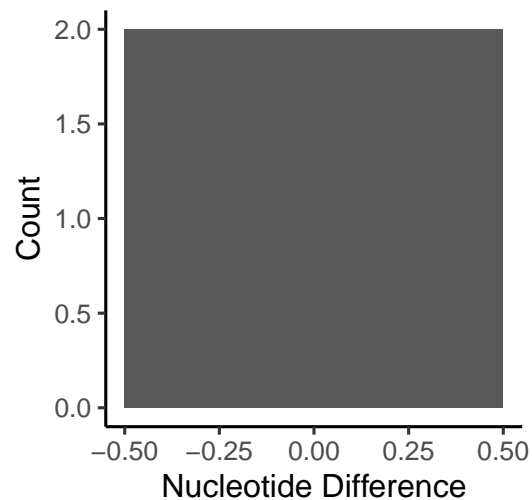
TRBV12–34*bp01

2217 sequences assigned
1765 (79.6%) exact matches, in which:
1053 unique CDR3
15 unique J



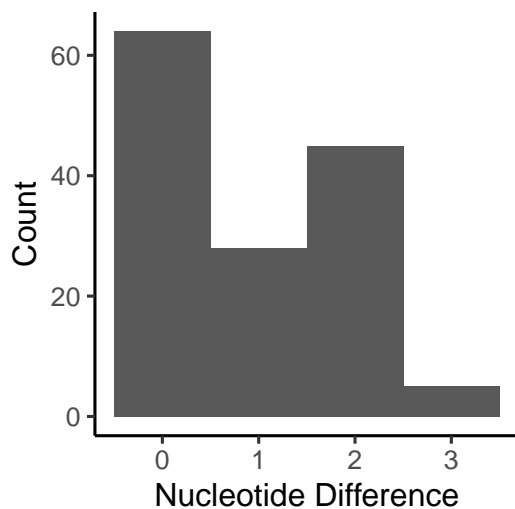
TRBV3–2*bp02

2 sequences assigned
2 (100%) exact matches, in which:
2 unique CDR3
1 unique J



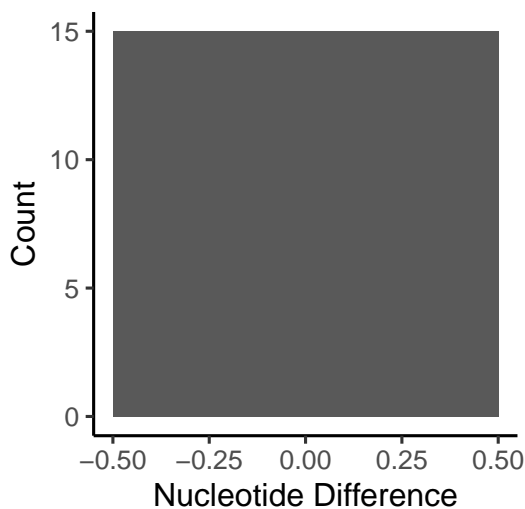
TRBV11–3*bp01

142 sequences assigned
64 (45.1%) exact matches, in which:
53 unique CDR3
10 unique J



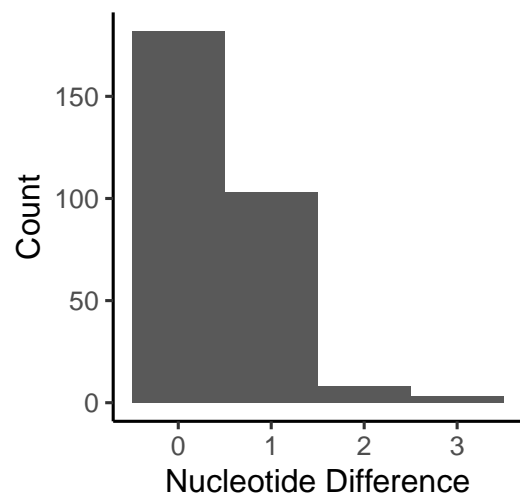
TRBV3–1*bp01

15 sequences assigned
15 (100%) exact matches, in which:
15 unique CDR3
7 unique J



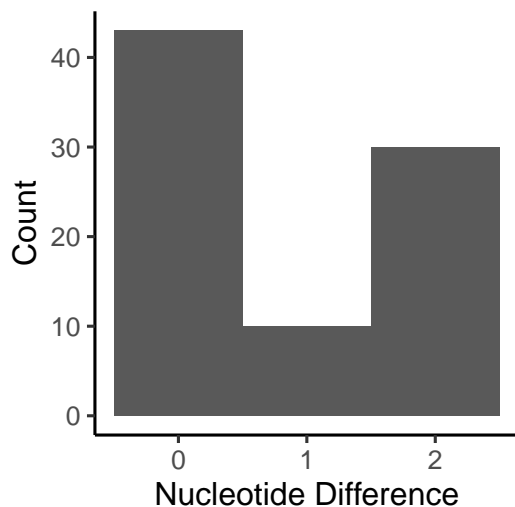
TRBV24–1*bp01

296 sequences assigned
182 (61.5%) exact matches, in which:
153 unique CDR3
14 unique J



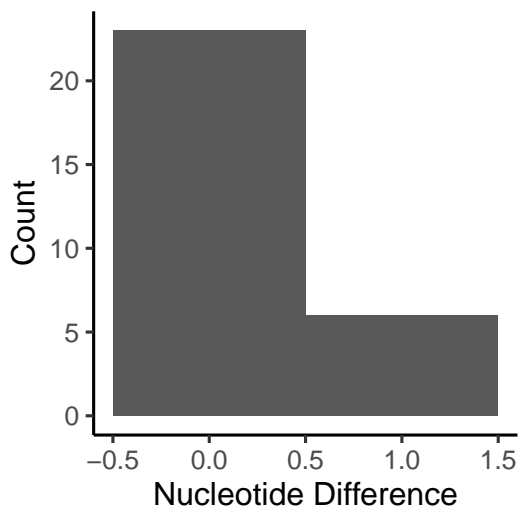
TRBV12–5*bp01

83 sequences assigned
43 (51.8%) exact matches, in which:
31 unique CDR3
14 unique J



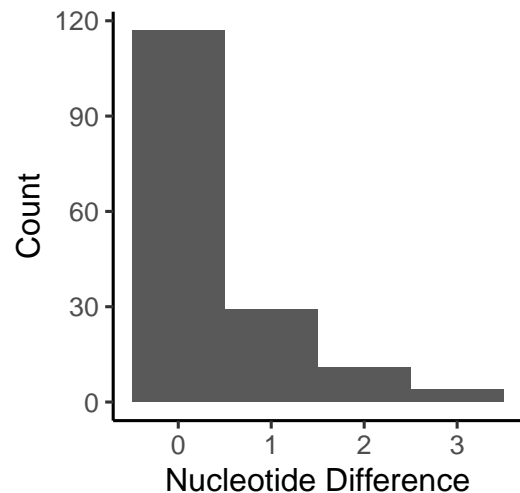
TRBV23–1*bp01

29 sequences assigned
23 (79.3%) exact matches, in which:
19 unique CDR3
9 unique J



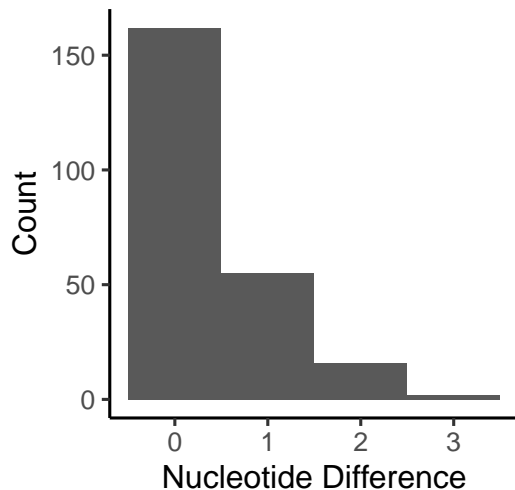
TRBV4–1*bp01

161 sequences assigned
117 (72.7%) exact matches, in which:
91 unique CDR3
13 unique J



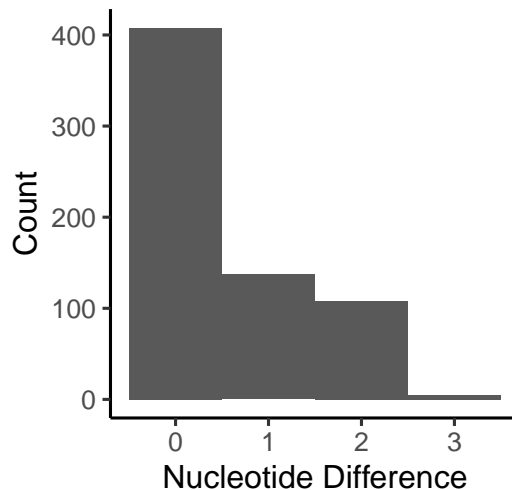
TRBV4-2*bp01

235 sequences assigned
162 (68.9%) exact matches, in which:
126 unique CDR3
15 unique J



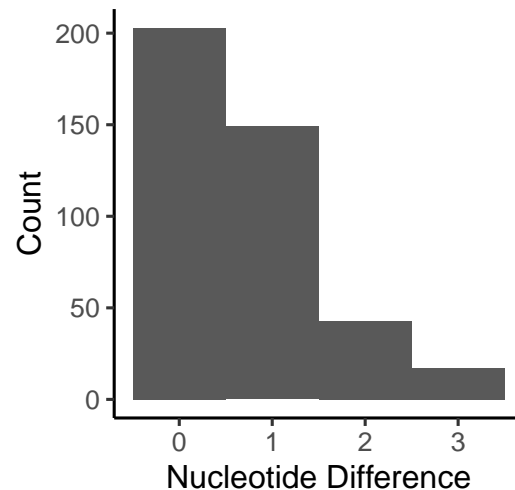
TRBV5-1*bp01

658 sequences assigned
408 (62%) exact matches, in which:
297 unique CDR3
15 unique J



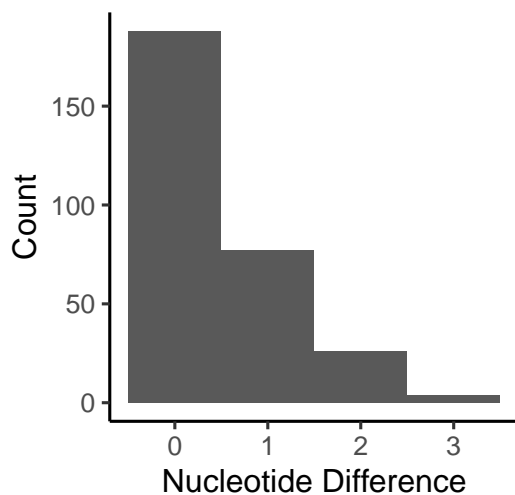
TRBV5-5*bp01

412 sequences assigned
203 (49.3%) exact matches, in which:
137 unique CDR3
14 unique J



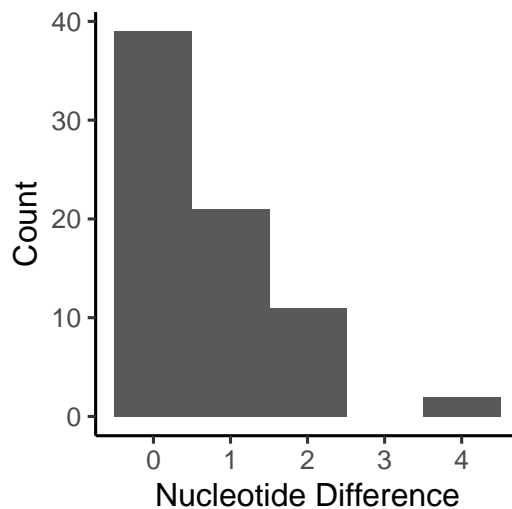
TRBV4-3*bp01

295 sequences assigned
188 (63.7%) exact matches, in which:
142 unique CDR3
15 unique J



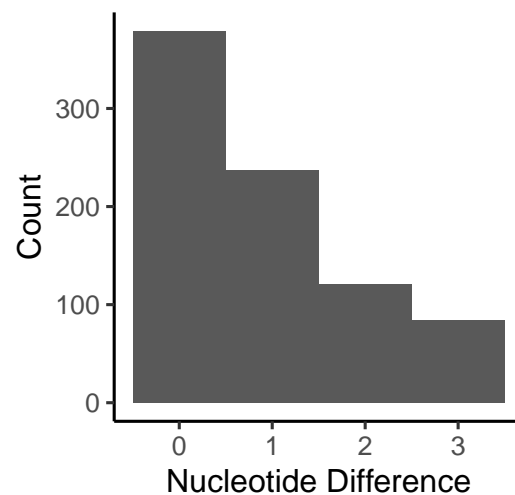
TRBV5-3*bp01

73 sequences assigned
39 (53.4%) exact matches, in which:
28 unique CDR3
11 unique J



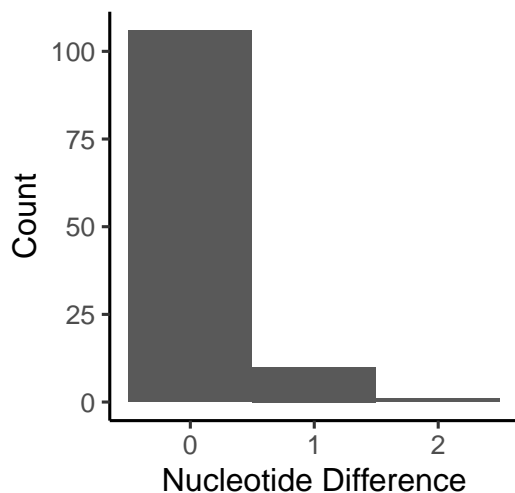
TRBV5-6*bp01

821 sequences assigned
379 (46.2%) exact matches, in which:
272 unique CDR3
15 unique J



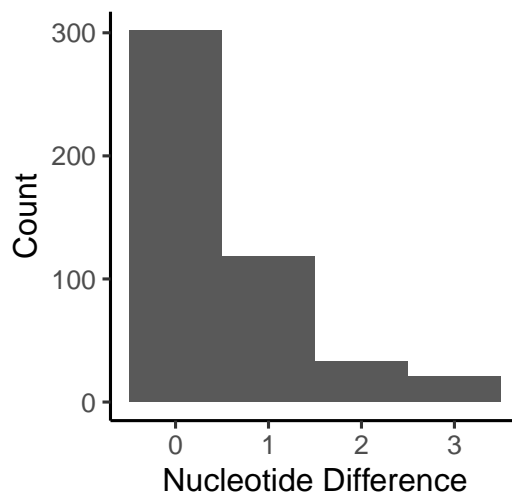
TRBV25-1*bp01

118 sequences assigned
106 (89.8%) exact matches, in which:
59 unique CDR3
14 unique J



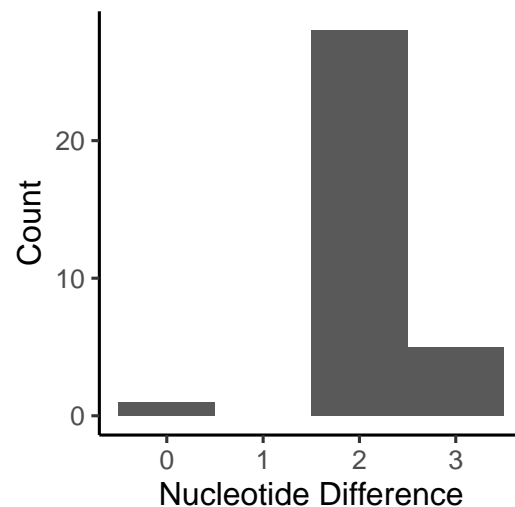
TRBV5-4*bp01

474 sequences assigned
302 (63.7%) exact matches, in which:
218 unique CDR3
15 unique J



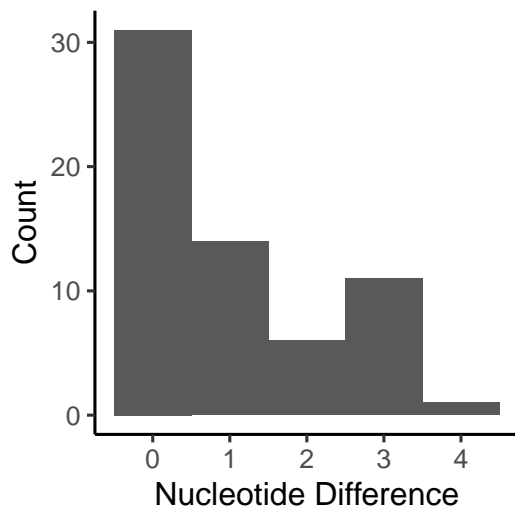
TRBV5-7*bp01

34 sequences assigned
1 (2.9%) exact matches, in which:
1 unique CDR3
1 unique J



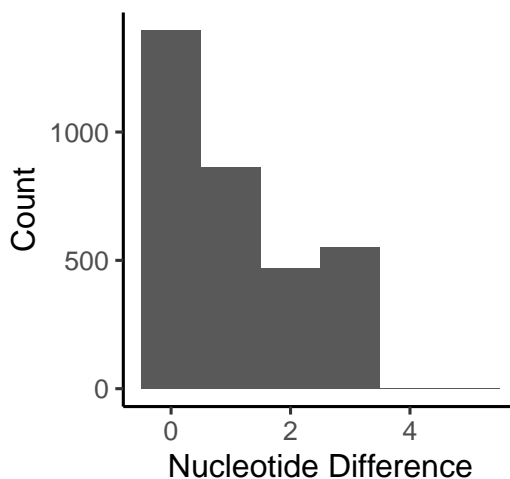
TRBV5-8*bp01

63 sequences assigned
31 (49.2%) exact matches, in which:
24 unique CDR3
11 unique J



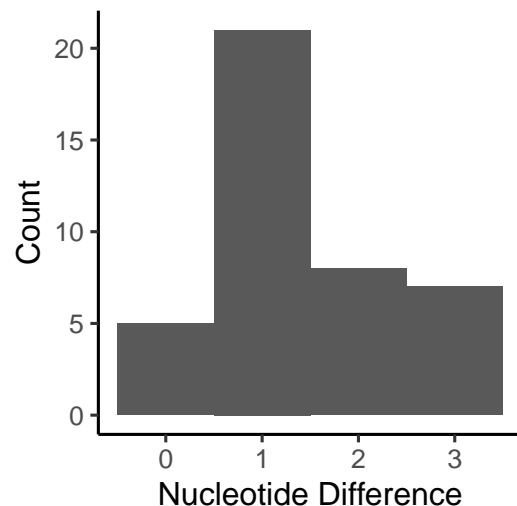
TRBV6-5*bp01

3287 sequences assigned
1396 (42.5%) exact matches, in which:
1098 unique CDR3
15 unique J



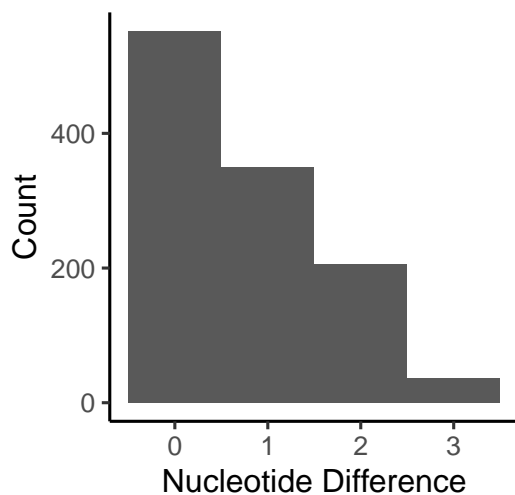
TRBV6-8*bp01

41 sequences assigned
5 (12.2%) exact matches, in which:
5 unique CDR3
4 unique J



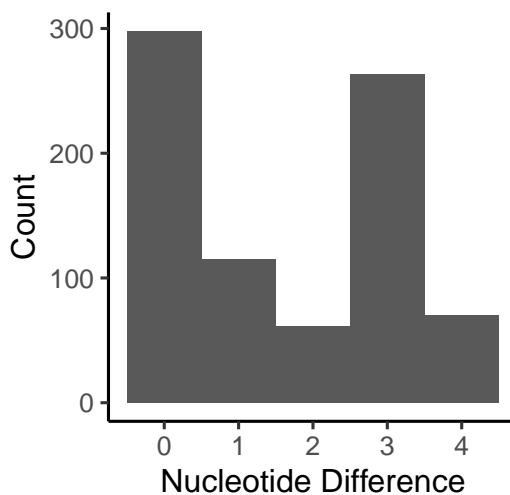
TRBV6-1*bp01

1142 sequences assigned
552 (48.3%) exact matches, in which:
471 unique CDR3
15 unique J



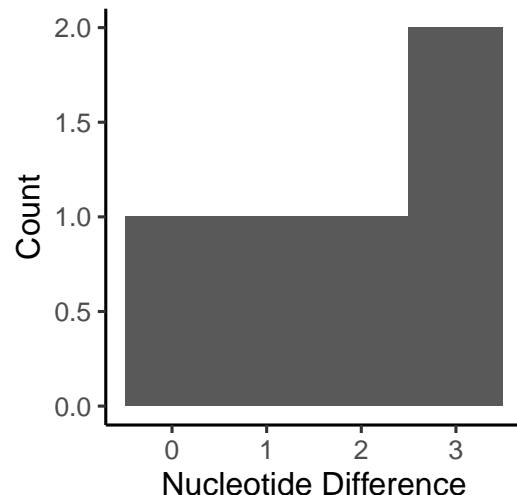
TRBV6-6*bp01

807 sequences assigned
298 (36.9%) exact matches, in which:
265 unique CDR3
15 unique J



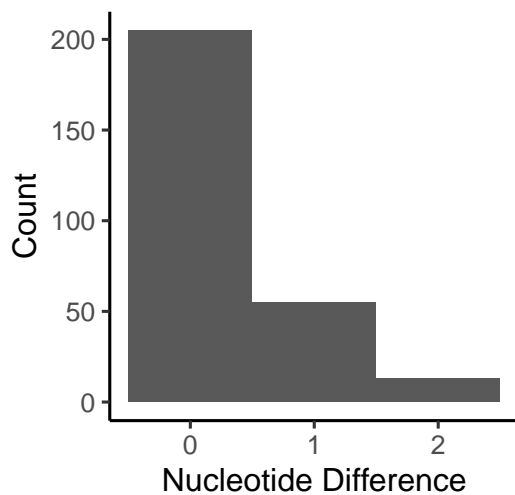
TRBV6-9*bp01

5 sequences assigned
1 (20%) exact matches, in which:
1 unique CDR3
1 unique J



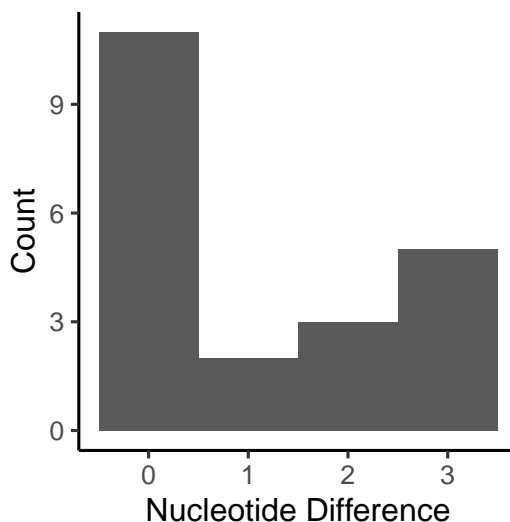
TRBV6-4*bp01

273 sequences assigned
205 (75.1%) exact matches, in which:
158 unique CDR3
15 unique J



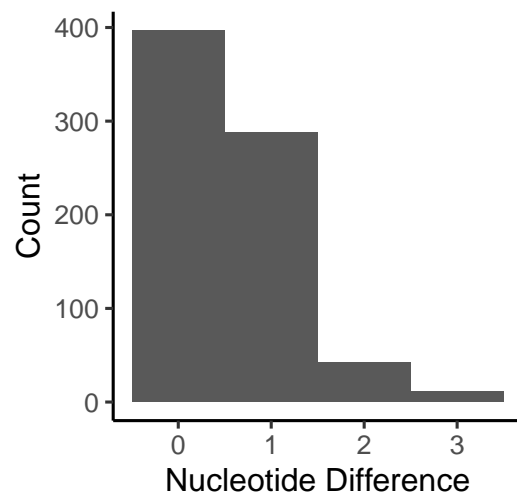
TRBV6-7*bp01

21 sequences assigned
11 (52.4%) exact matches, in which:
9 unique CDR3
8 unique J



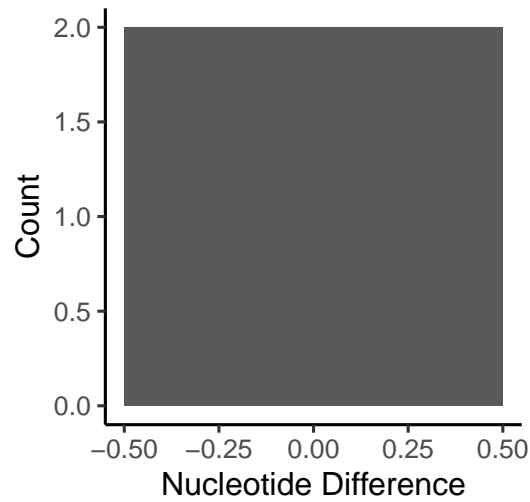
TRBV6-23*bp01

738 sequences assigned
397 (53.8%) exact matches, in which:
340 unique CDR3
15 unique J



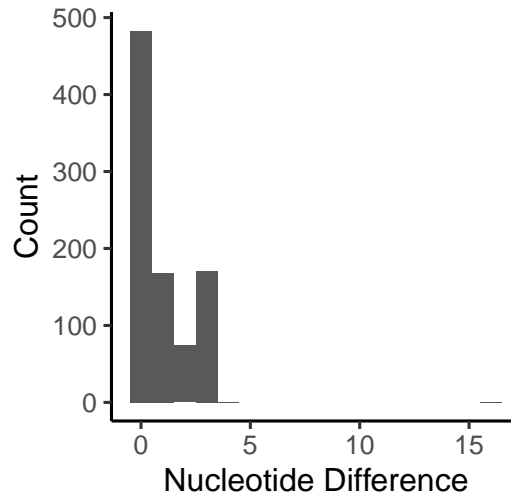
TRBV7-1*bp01

2 sequences assigned
2 (100%) exact matches, in which:
2 unique CDR3
1 unique J



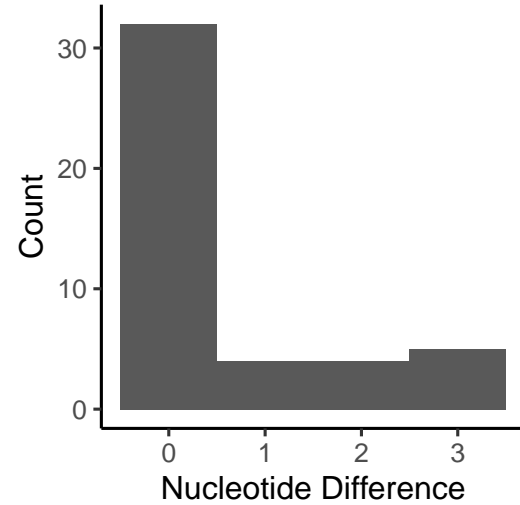
TRBV7-3*bp01

898 sequences assigned
483 (53.8%) exact matches, in which:
334 unique CDR3
15 unique J



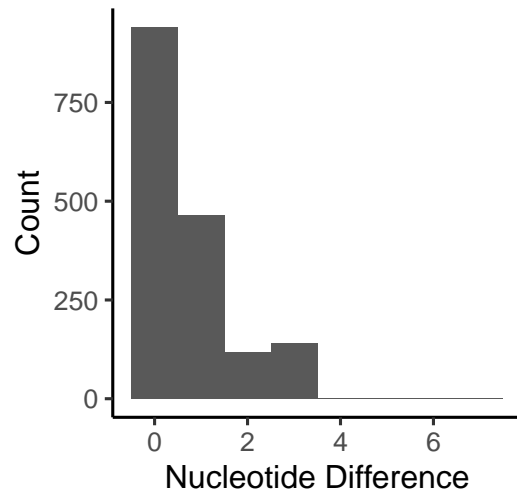
TRBV7-7*bp01

45 sequences assigned
32 (71.1%) exact matches, in which:
22 unique CDR3
11 unique J



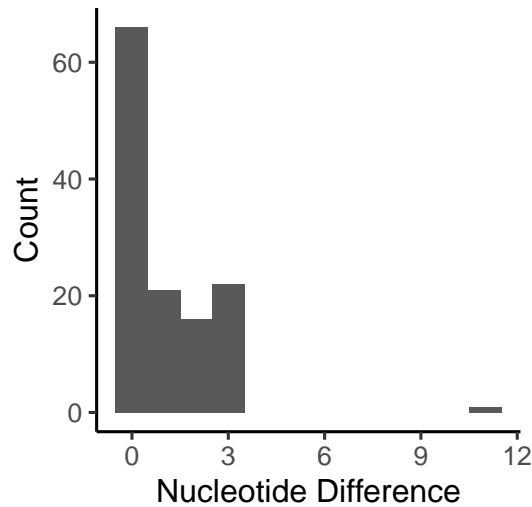
TRBV7-2*bp01

1669 sequences assigned
941 (56.4%) exact matches, in which:
541 unique CDR3
15 unique J



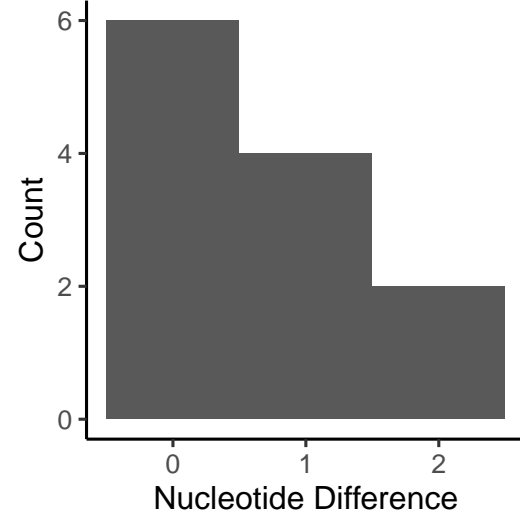
TRBV7-4*bp01

126 sequences assigned
66 (52.4%) exact matches, in which:
45 unique CDR3
10 unique J



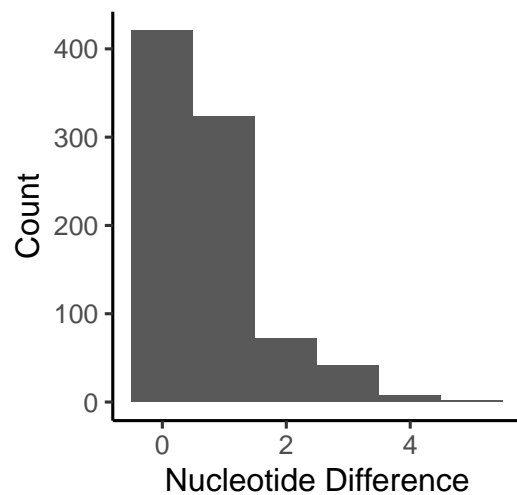
TRBV7-8*bp01

12 sequences assigned
6 (50%) exact matches, in which:
5 unique CDR3
3 unique J



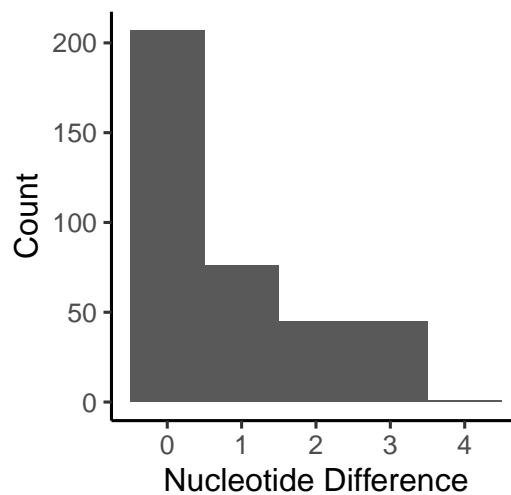
TRBV7-2*bp02

866 sequences assigned
421 (48.6%) exact matches, in which:
266 unique CDR3
15 unique J



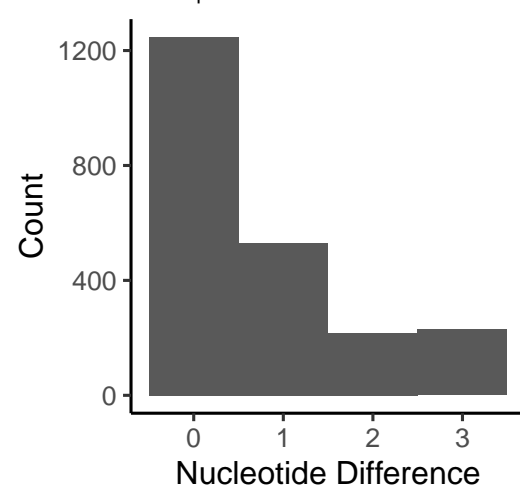
TRBV7-6*bp01

374 sequences assigned
207 (55.3%) exact matches, in which:
118 unique CDR3
13 unique J



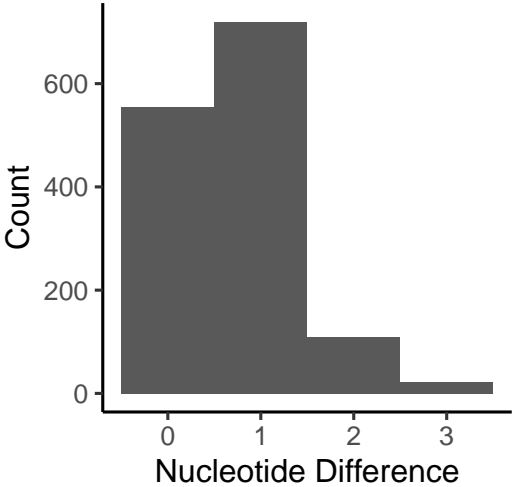
TRBV7-9*bp01

2223 sequences assigned
1247 (56.1%) exact matches, in which:
732 unique CDR3
15 unique J



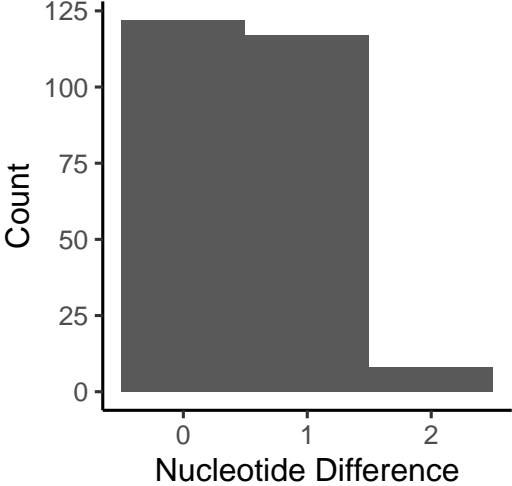
TRBV29-1*bp01

1405 sequences assigned
554 (39.4%) exact matches, in which:
338 unique CDR3
14 unique J

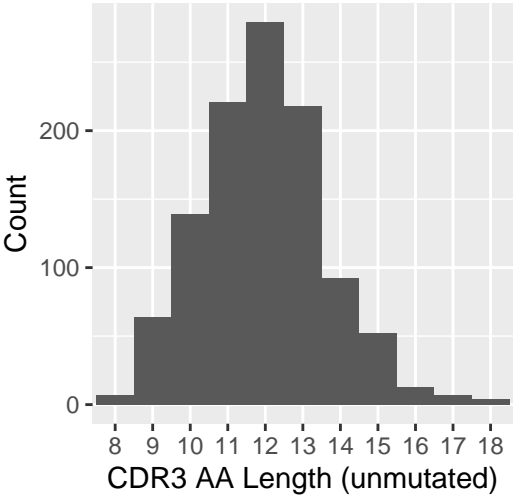


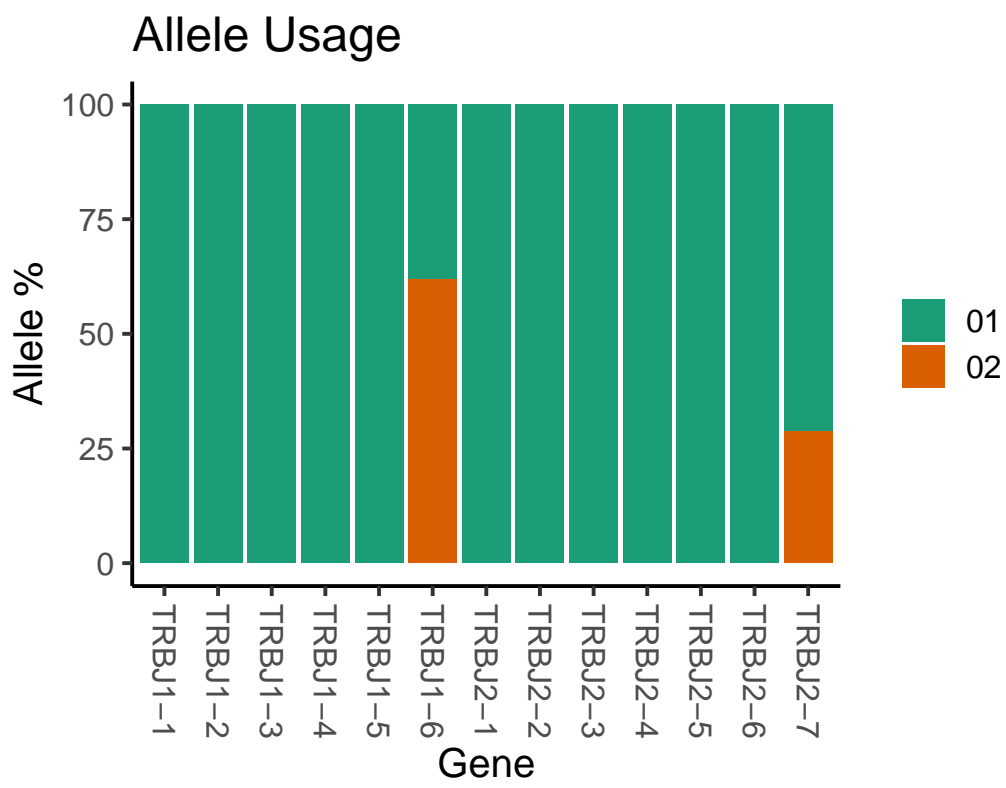
TRBV29-1*bp03

247 sequences assigned
122 (49.4%) exact matches, in which:
88 unique CDR3
10 unique J



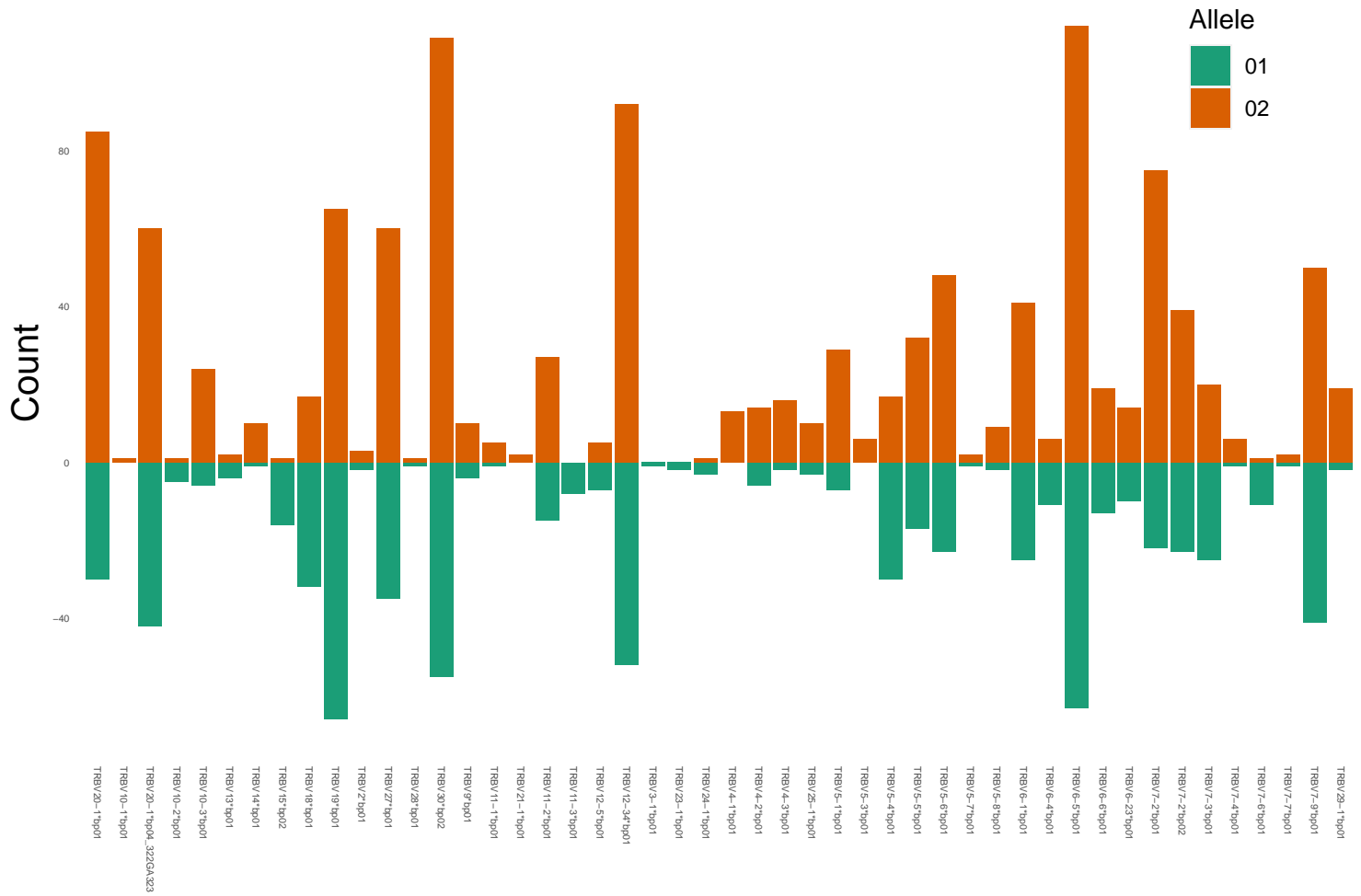
TRBV20-1*bp04_322GA323



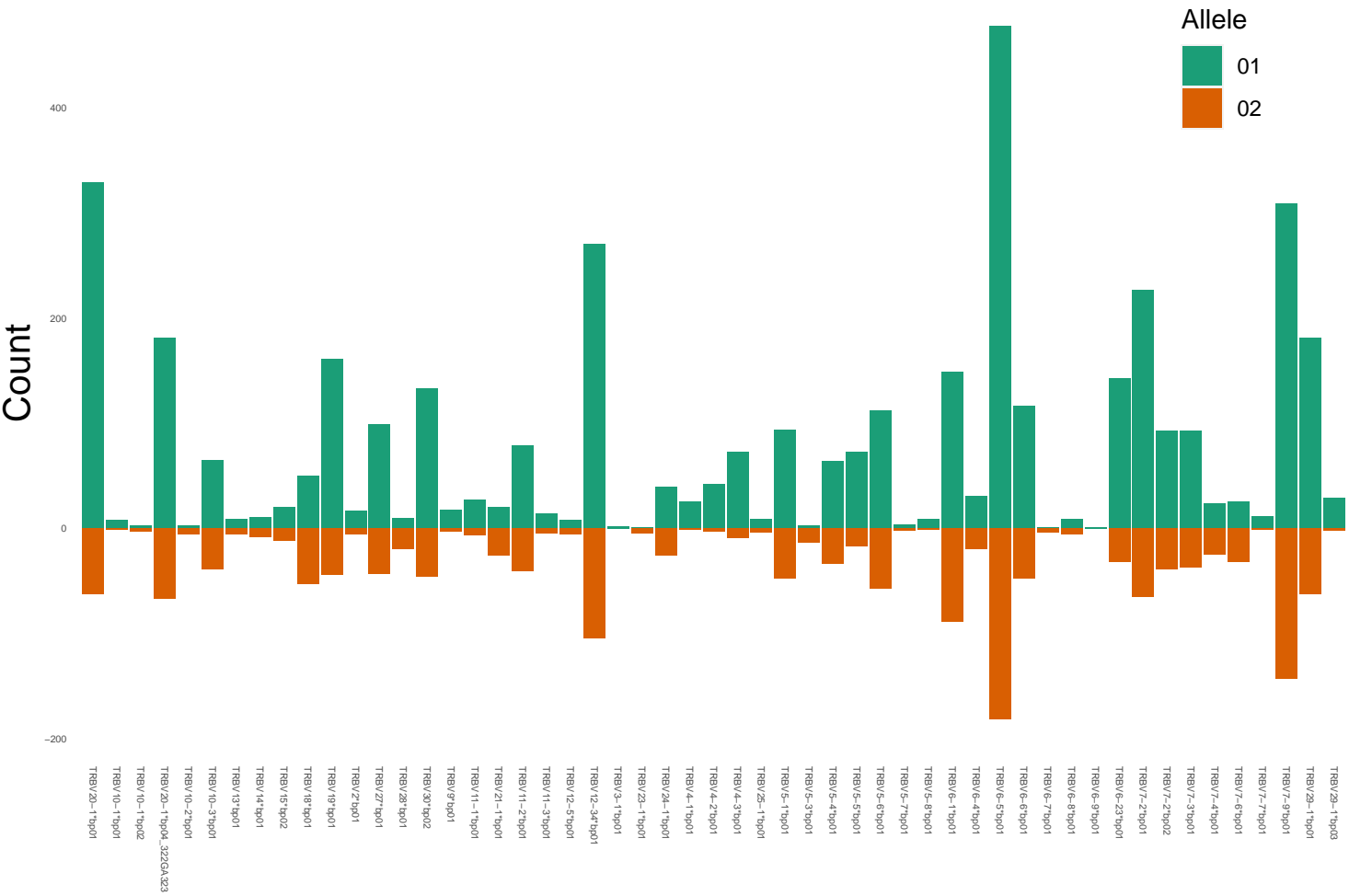


Sequence Count by TRBJ1–6 allele usage

120



Sequence Count by TRBJ2-7 allele usage



Warning – no inferred sequences found.

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