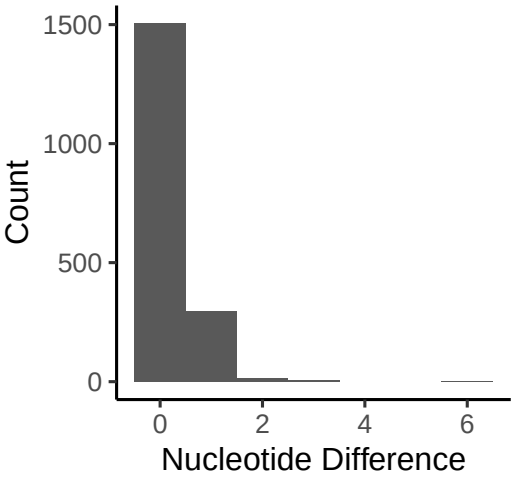
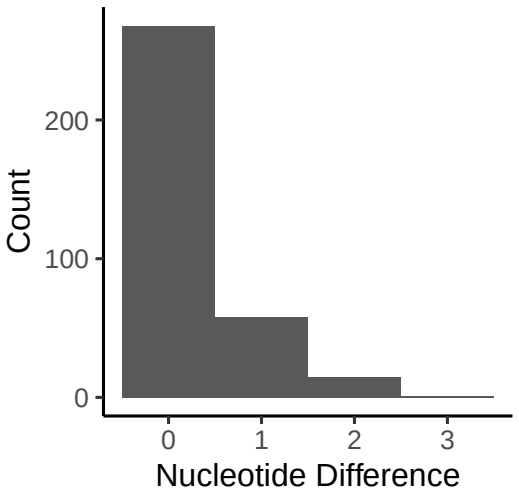
TRBV20−1*bp01

1824 sequences assigned
1505 (82.5%) exact matches, in which:
951 unique CDR3
14 unique J



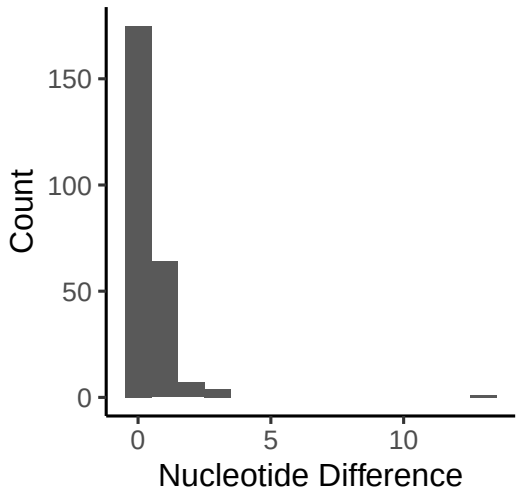
TRBV10−3*bp01

342 sequences assigned
268 (78.4%) exact matches, in which:
227 unique CDR3
14 unique J



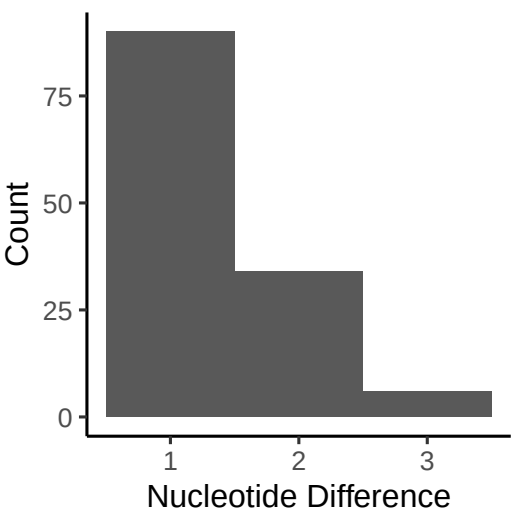
TRBV15*bp02

251 sequences assigned
175 (69.7%) exact matches, in which:
138 unique CDR3
14 unique J



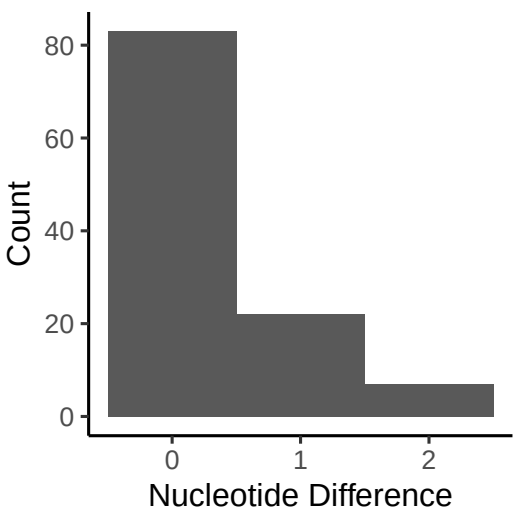
TRBV10−1*bp02

130 sequences assigned
No exact matches.



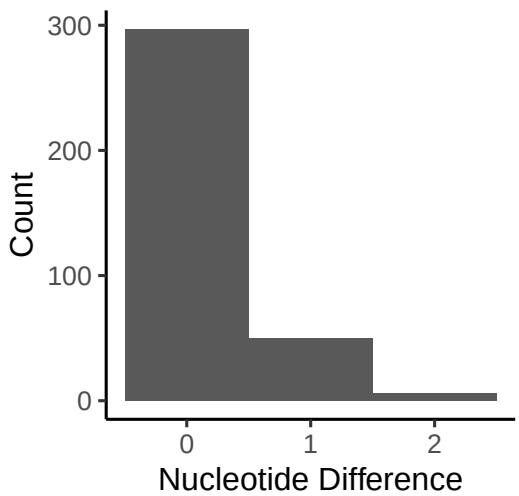
TRBV13*bp01

112 sequences assigned
83 (74.1%) exact matches, in which:
77 unique CDR3
13 unique J



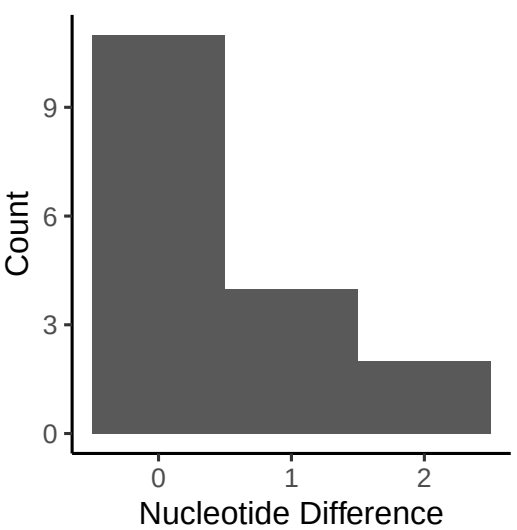
TRBV18*bp01

353 sequences assigned
297 (84.1%) exact matches, in which:
238 unique CDR3
14 unique J



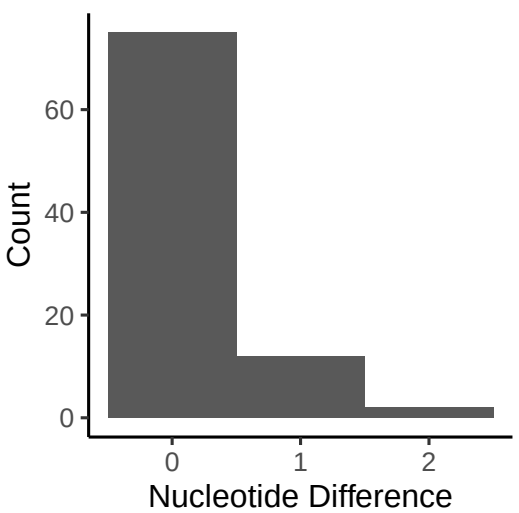
TRBV10−2*bp01

17 sequences assigned
11 (64.7%) exact matches, in which:
9 unique CDR3
8 unique J



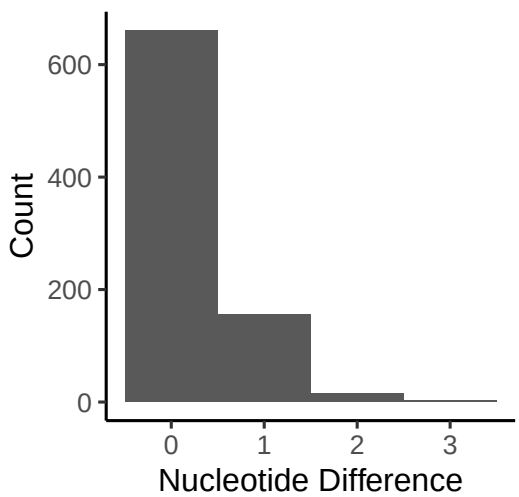
TRBV14*bp01

89 sequences assigned
75 (84.3%) exact matches, in which:
68 unique CDR3
13 unique J



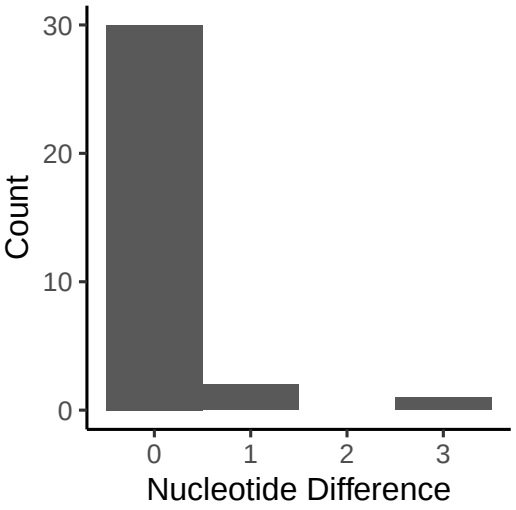
TRBV19*bp01

834 sequences assigned
661 (79.3%) exact matches, in which:
488 unique CDR3
14 unique J



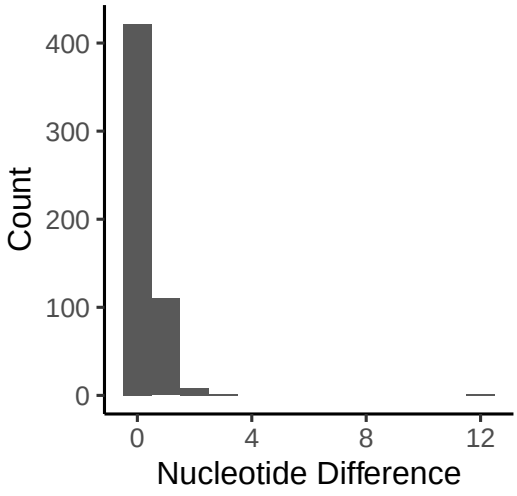
TRBV2*bp01

33 sequences assigned
30 (90.9%) exact matches, in which:
30 unique CDR3
10 unique J



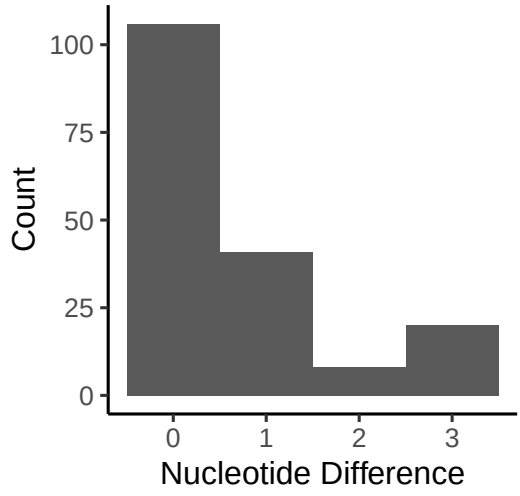
TRBV30*bp01

544 sequences assigned
422 (77.6%) exact matches, in which:
246 unique CDR3
14 unique J



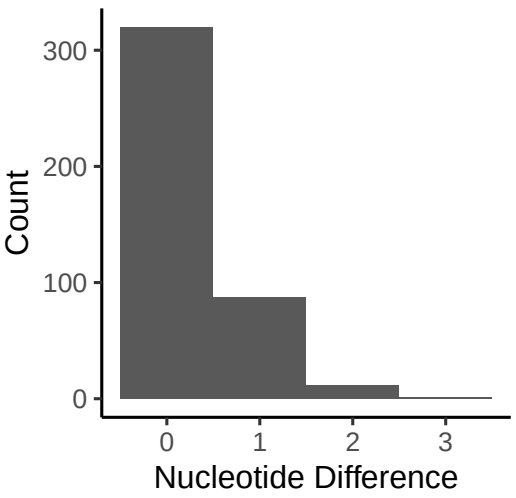
TRBV11−1*bp01

175 sequences assigned
106 (60.6%) exact matches, in which:
82 unique CDR3
14 unique J



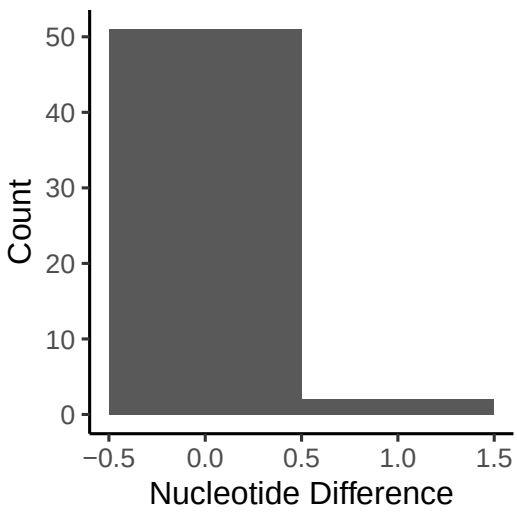
TRBV27*bp01

420 sequences assigned
320 (76.2%) exact matches, in which:
282 unique CDR3
14 unique J



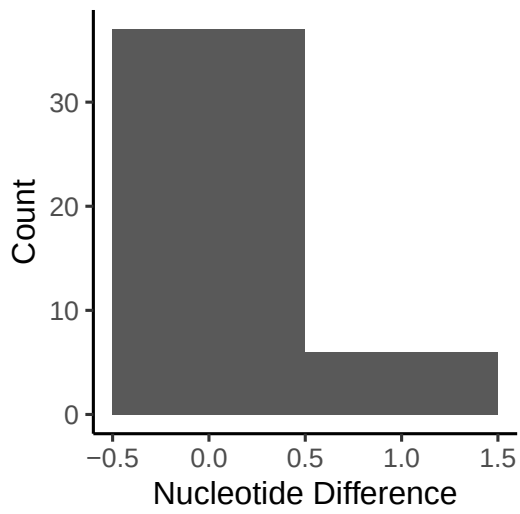
TRBV9*bp01

53 sequences assigned
51 (96.2%) exact matches, in which:
47 unique CDR3
11 unique J



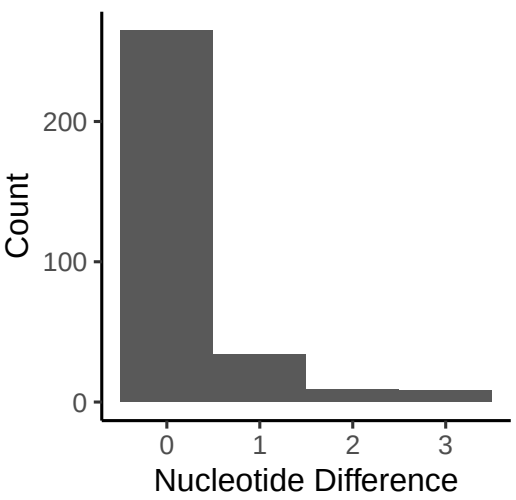
TRBV21−1*bp02

43 sequences assigned
37 (86%) exact matches, in which:
35 unique CDR3
10 unique J



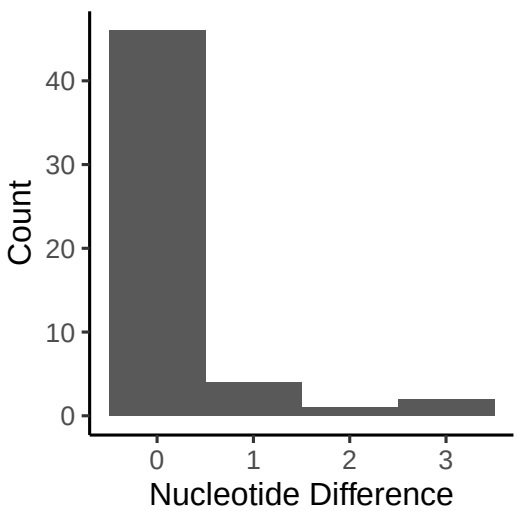
TRBV28*bp01

316 sequences assigned
265 (83.9%) exact matches, in which:
239 unique CDR3
14 unique J



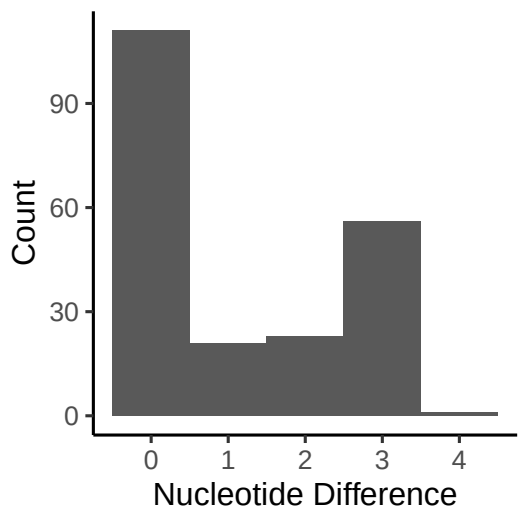
TRBV21−1*bp01

53 sequences assigned
46 (86.8%) exact matches, in which:
45 unique CDR3
13 unique J



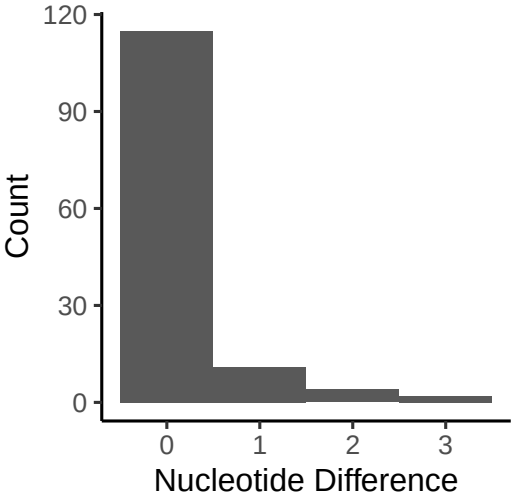
TRBV11−2*bp01

212 sequences assigned
111 (52.4%) exact matches, in which:
99 unique CDR3
13 unique J



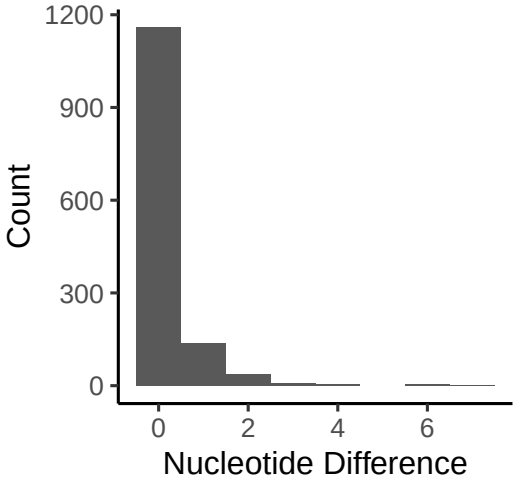
TRBV11−2*bp03

132 sequences assigned
115 (87.1%) exact matches, in which:
108 unique CDR3
13 unique J



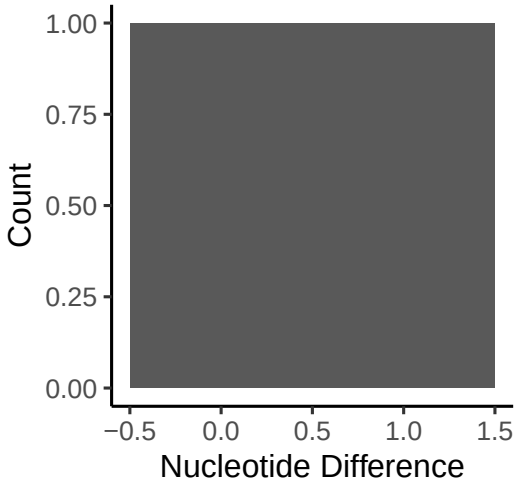
TRBV12−34*bp01

1351 sequences assigned
1159 (85.8%) exact matches, in which:
800 unique CDR3
14 unique J



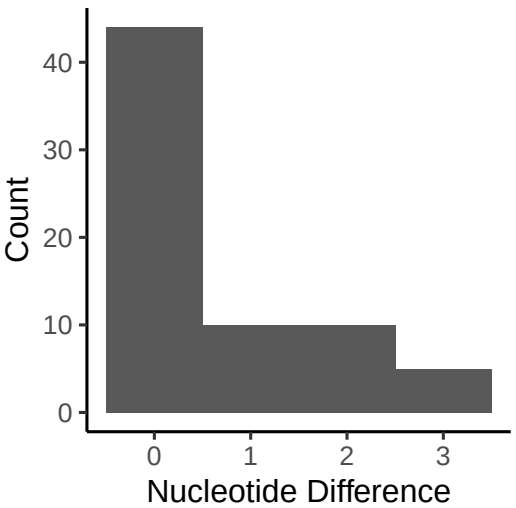
TRBV3−2*bp02

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



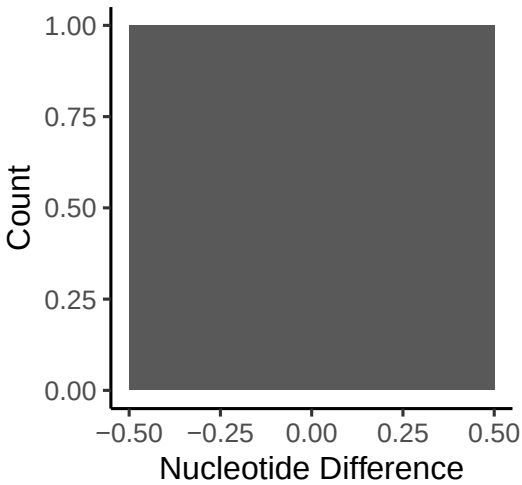
TRBV11−3*bp01

69 sequences assigned
44 (63.8%) exact matches, in which:
43 unique CDR3
11 unique J



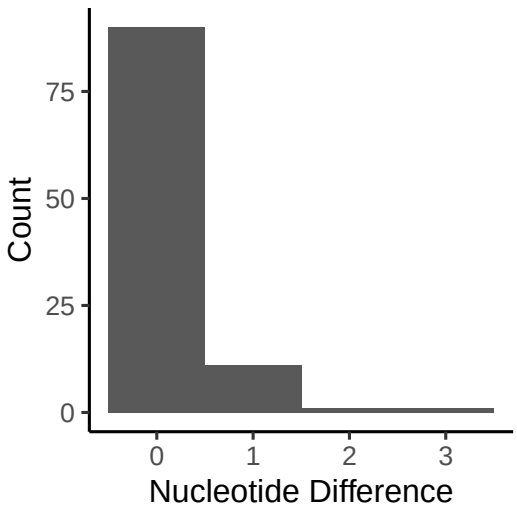
TRBV3−1*bp01

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



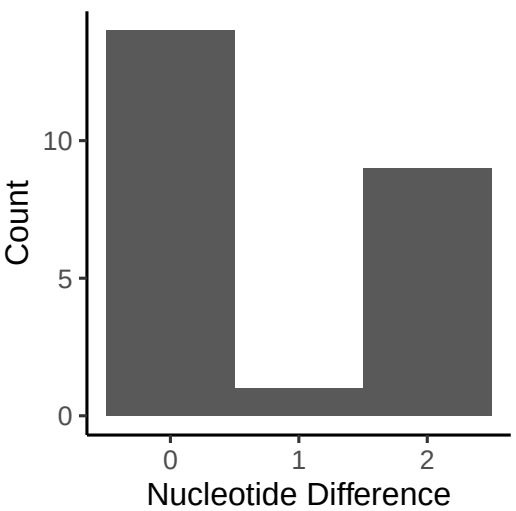
TRBV24−1*bp01

103 sequences assigned
90 (87.4%) exact matches, in which:
82 unique CDR3
14 unique J



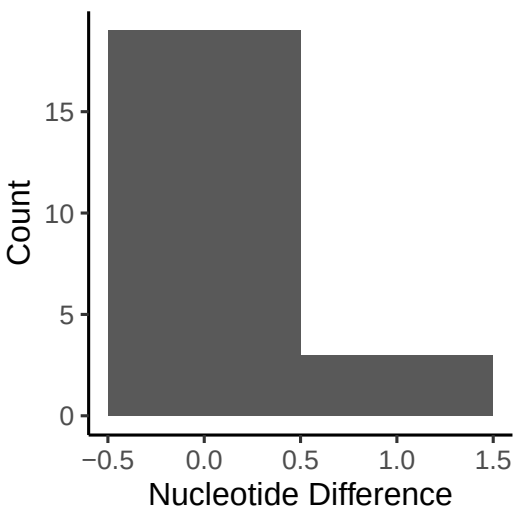
TRBV12−5*bp01

24 sequences assigned
14 (58.3%) exact matches, in which:
14 unique CDR3
9 unique J



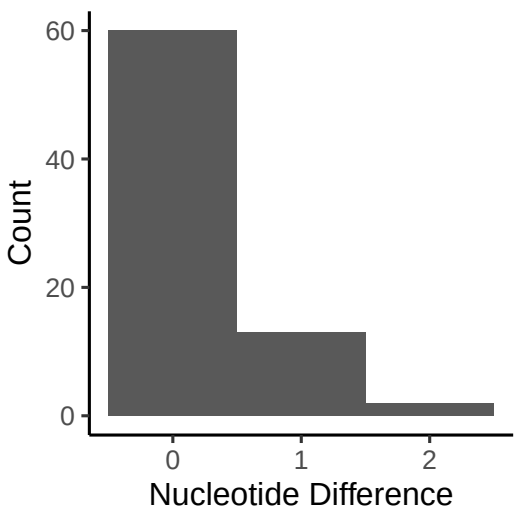
TRBV23−1*bp01

22 sequences assigned
19 (86.4%) exact matches, in which:
18 unique CDR3
9 unique J



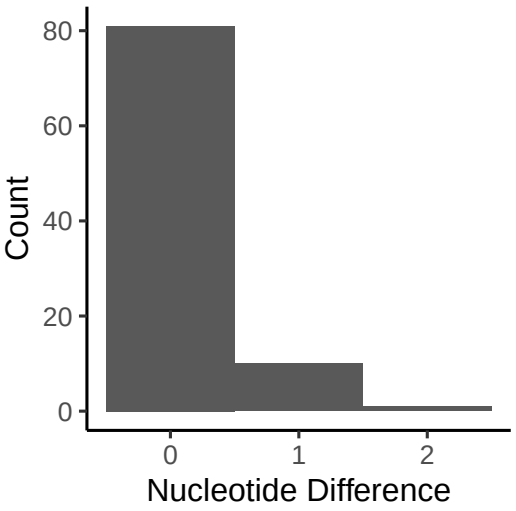
TRBV4−1*bp01

75 sequences assigned
60 (80%) exact matches, in which:
55 unique CDR3
12 unique J



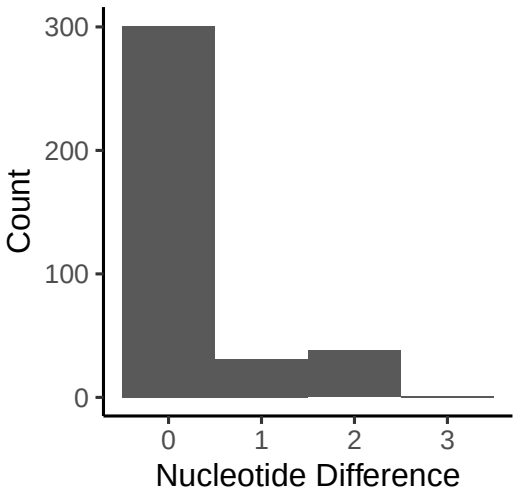
TRBV24−1*bp02

92 sequences assigned
81 (88%) exact matches, in which:
72 unique CDR3
14 unique J



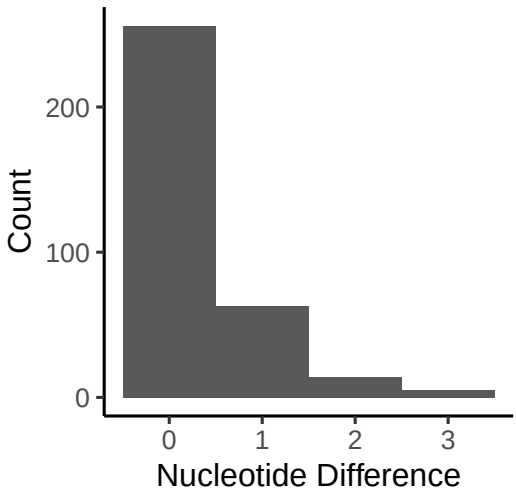
TRBV5−1*bp01

371 sequences assigned
301 (81.1%) exact matches, in which:
266 unique CDR3
14 unique J



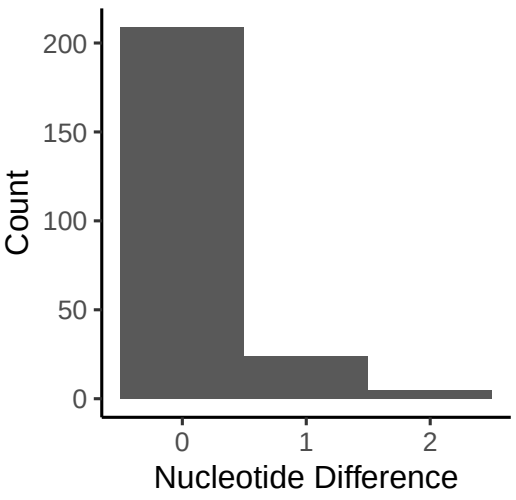
TRBV5−4*bp01

338 sequences assigned
256 (75.7%) exact matches, in which:
210 unique CDR3
13 unique J



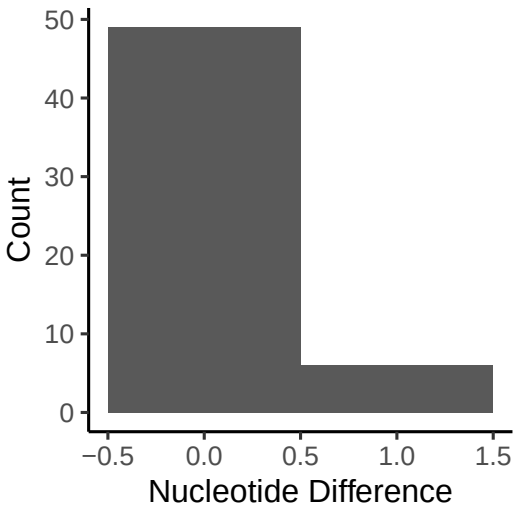
TRBV4−2*bp01

238 sequences assigned
209 (87.8%) exact matches, in which:
190 unique CDR3
14 unique J



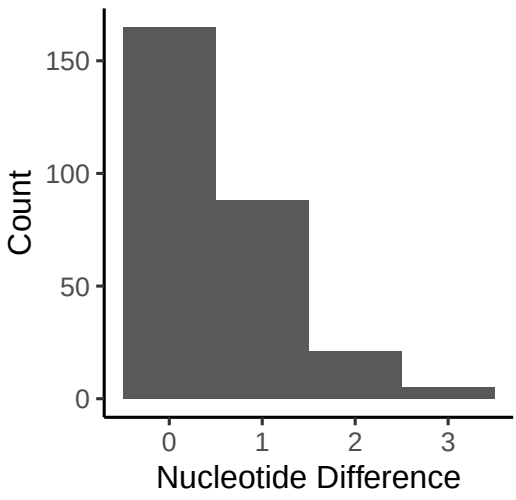
TRBV25−1*bp01

55 sequences assigned
49 (89.1%) exact matches, in which:
45 unique CDR3
14 unique J



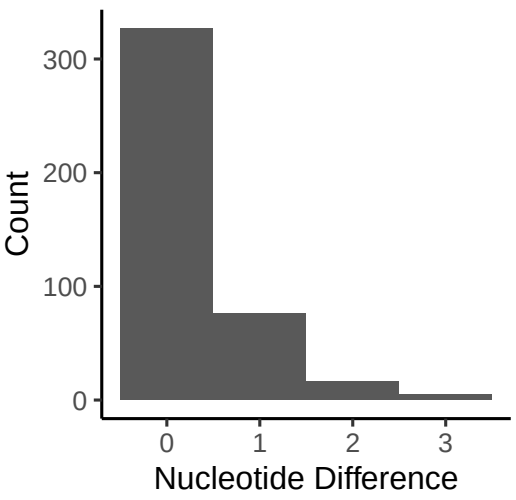
TRBV5−5*bp01

279 sequences assigned
165 (59.1%) exact matches, in which:
142 unique CDR3
13 unique J



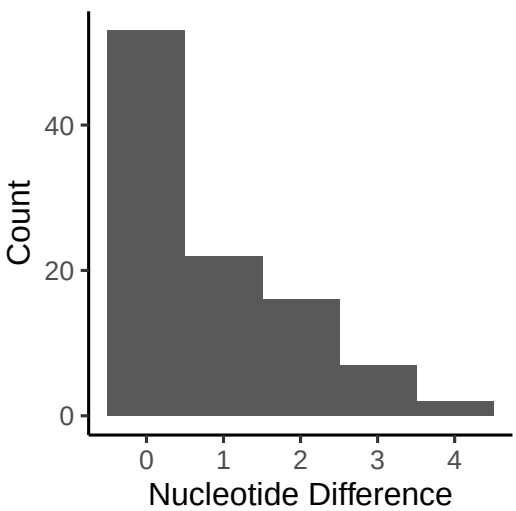
TRBV4−3*bp01

424 sequences assigned
327 (77.1%) exact matches, in which:
292 unique CDR3
14 unique J



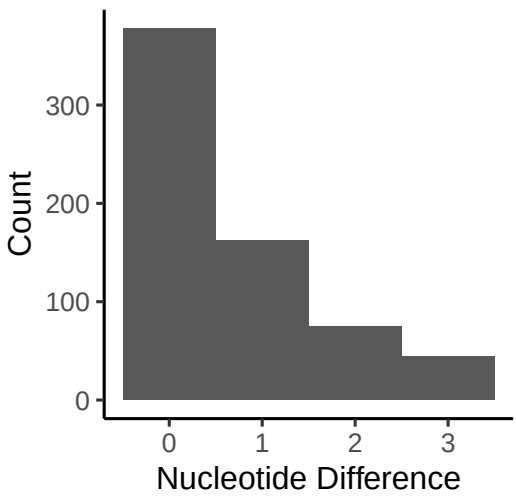
TRBV5−3*bp01

100 sequences assigned
53 (53%) exact matches, in which:
43 unique CDR3
13 unique J



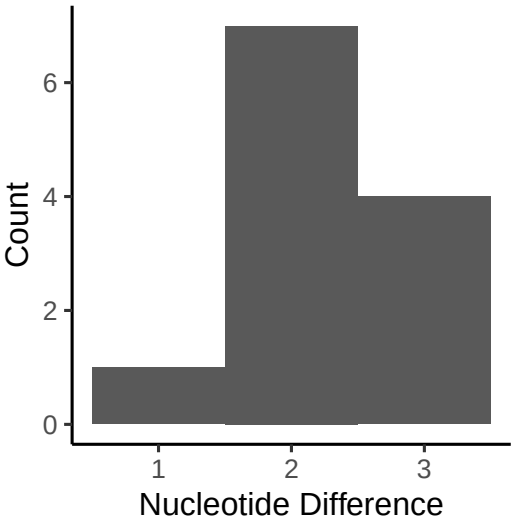
TRBV5−6*bp01

659 sequences assigned
378 (57.4%) exact matches, in which:
290 unique CDR3
13 unique J



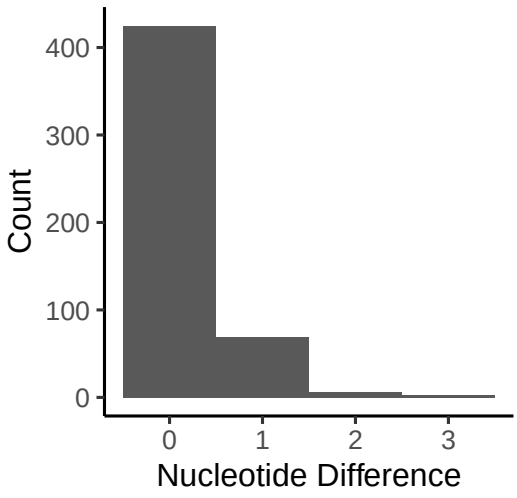
TRBV5−7*bp01

12 sequences assigned
No exact matches.



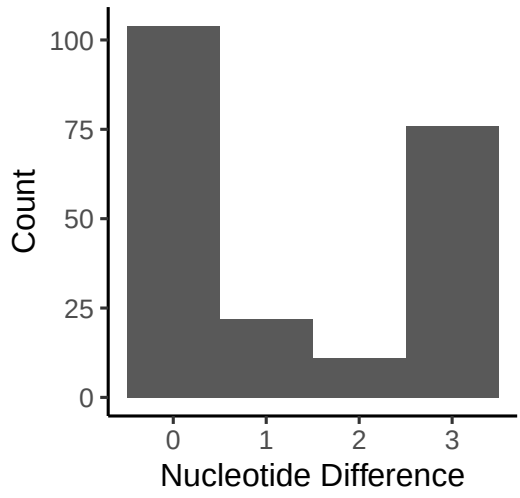
TRBV6−4*bp01

503 sequences assigned
425 (84.5%) exact matches, in which:
350 unique CDR3
14 unique J



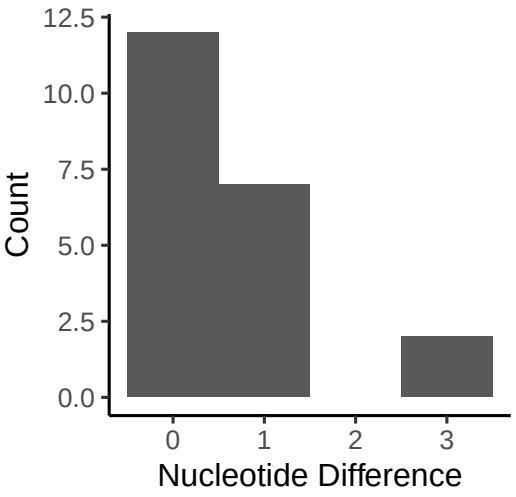
TRBV6−6*bp02

214 sequences assigned
104 (48.6%) exact matches, in which:
100 unique CDR3
14 unique J



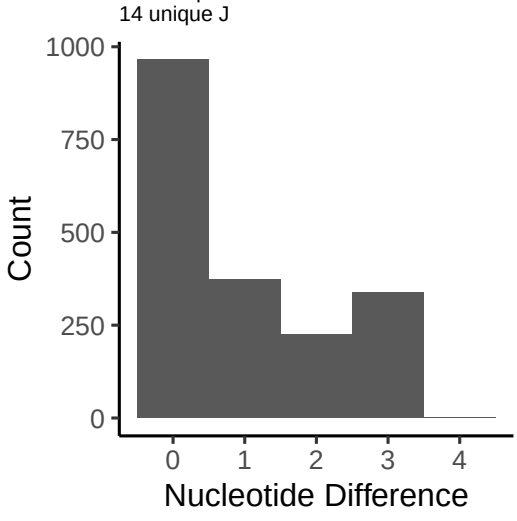
TRBV5−8*bp01

21 sequences assigned
12 (57.1%) exact matches, in which:
12 unique CDR3
8 unique J



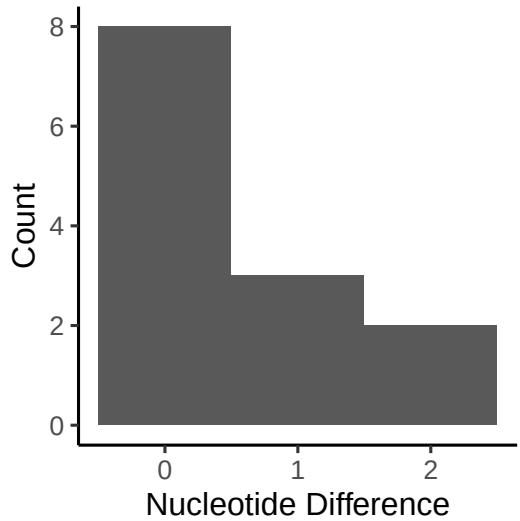
TRBV6−5*bp01

1901 sequences assigned
965 (50.8%) exact matches, in which:
833 unique CDR3
14 unique J



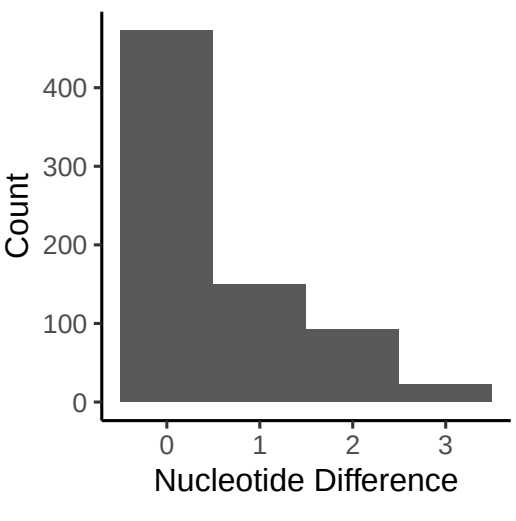
TRBV6−7*bp01

13 sequences assigned
8 (61.5%) exact matches, in which:
7 unique CDR3
6 unique J



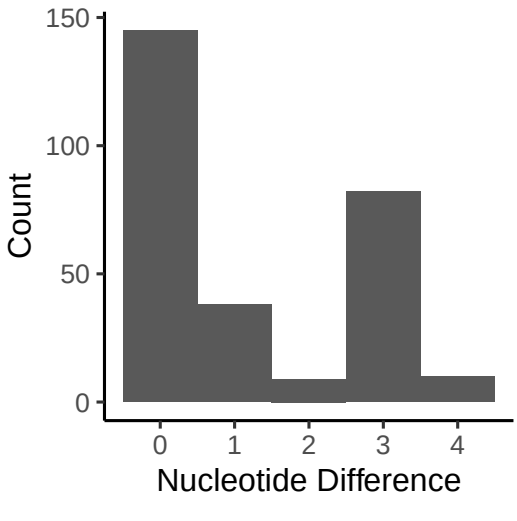
TRBV6−1*bp01

736 sequences assigned
473 (64.3%) exact matches, in which:
416 unique CDR3
14 unique J



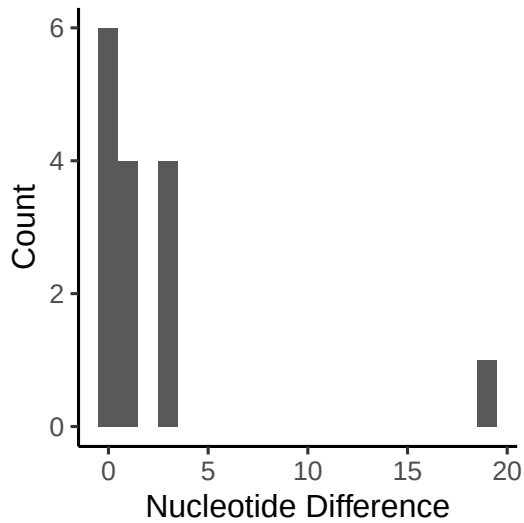
TRBV6−6*bp01

284 sequences assigned
145 (51.1%) exact matches, in which:
134 unique CDR3
14 unique J



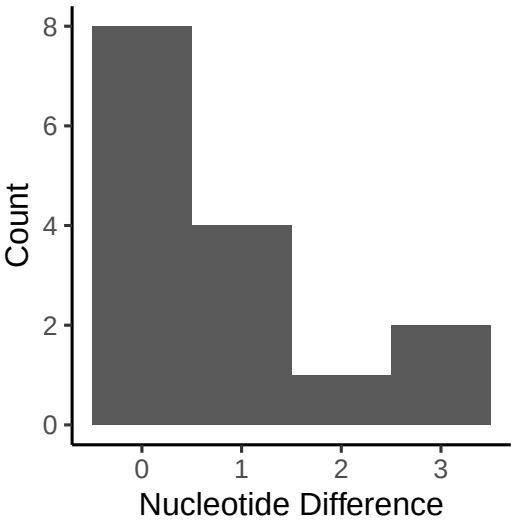
TRBV6−8*bp01

15 sequences assigned
6 (40%) exact matches, in which:
6 unique CDR3
5 unique J



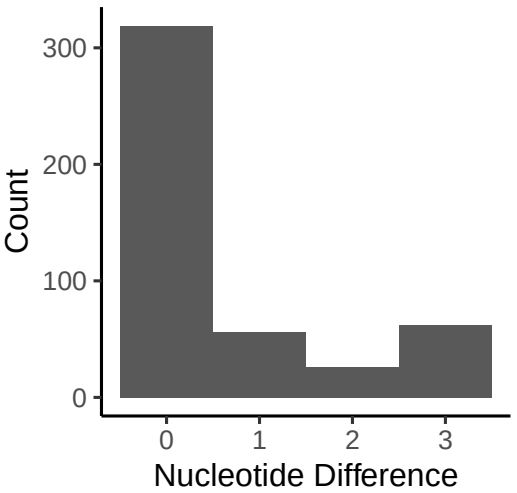
TRBV6−9*bp01

15 sequences assigned
8 (53.3%) exact matches, in which:
5 unique CDR3
5 unique J



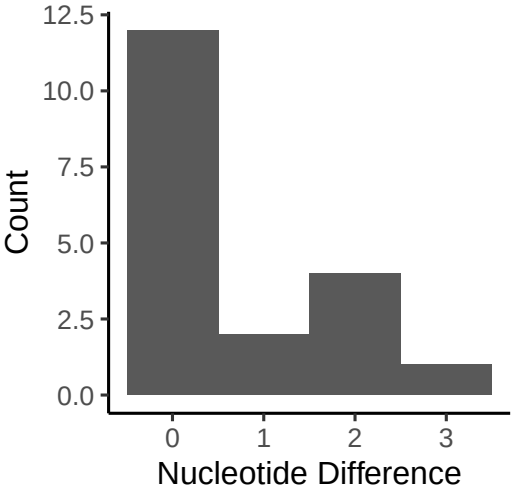
TRBV7−3*bp01

463 sequences assigned
319 (68.9%) exact matches, in which:
264 unique CDR3
14 unique J



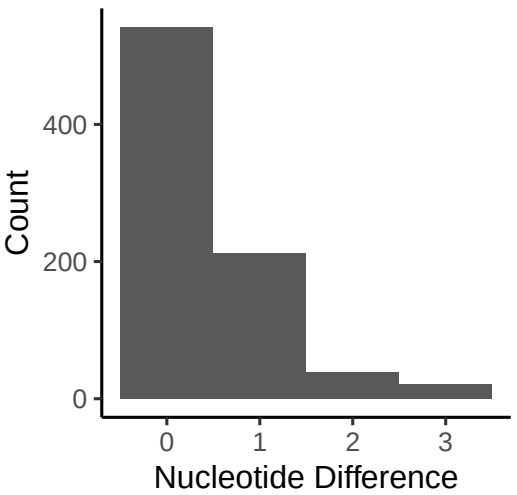
TRBV7−7*bp01

19 sequences assigned
12 (63.2%) exact matches, in which:
9 unique CDR3
6 unique J



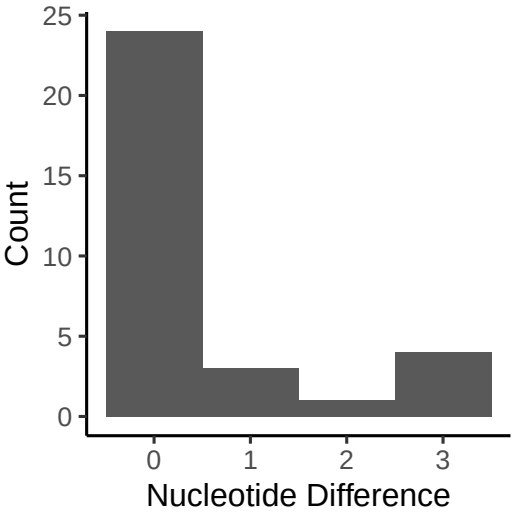
TRBV6−23*bp01

814 sequences assigned
542 (66.6%) exact matches, in which:
486 unique CDR3
14 unique J



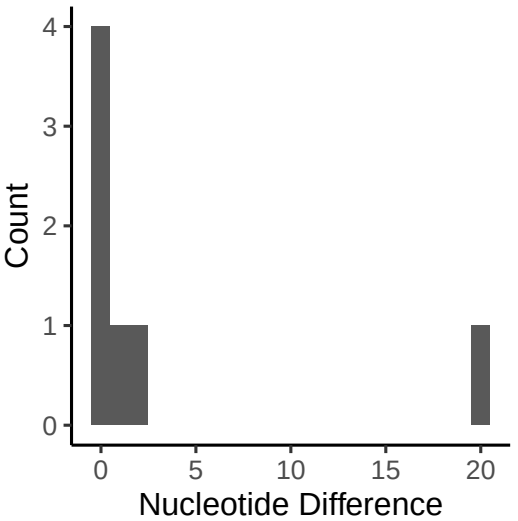
TRBV7−4*bp01

32 sequences assigned
24 (75%) exact matches, in which:
20 unique CDR3
7 unique J



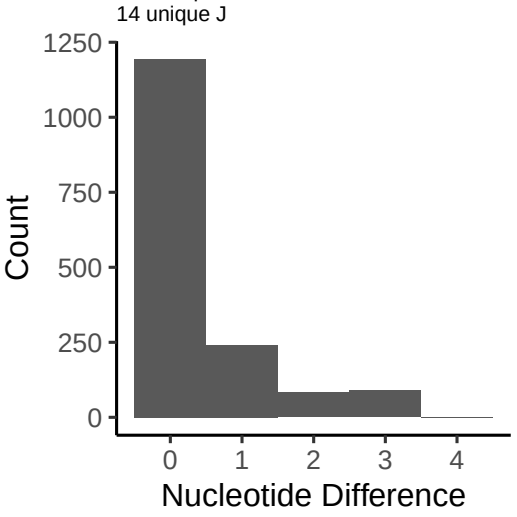
TRBV7−8*bp01

7 sequences assigned
4 (57.1%) exact matches, in which:
4 unique CDR3
3 unique J



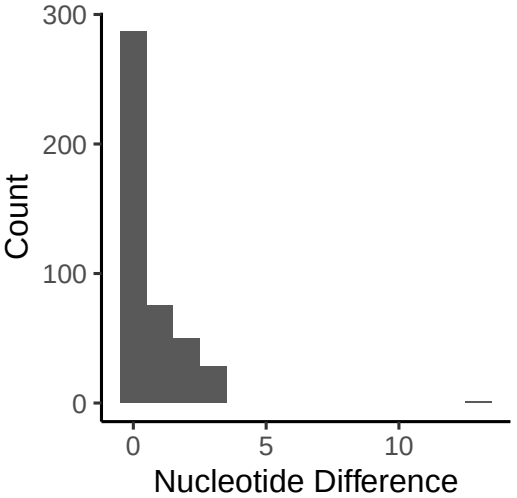
TRBV7−2*bp01

1609 sequences assigned
1194 (74.2%) exact matches, in which:
850 unique CDR3
14 unique J



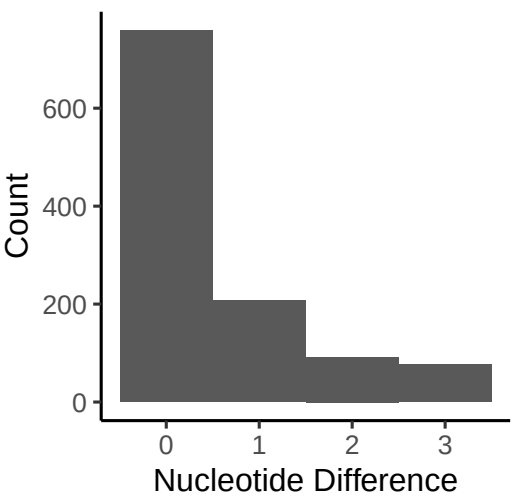
TRBV7−6*bp01

441 sequences assigned
287 (65.1%) exact matches, in which:
201 unique CDR3
14 unique J



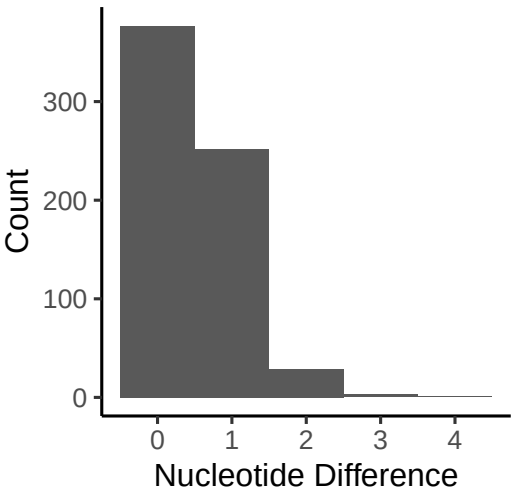
TRBV7−9*bp01

1135 sequences assigned
759 (66.9%) exact matches, in which:
551 unique CDR3
14 unique J



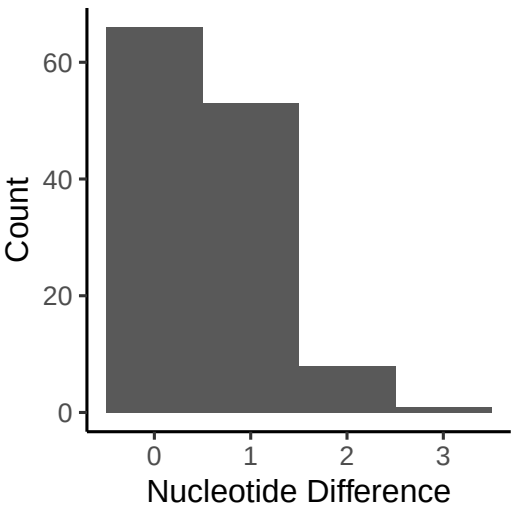
TRBV29−1*bp01

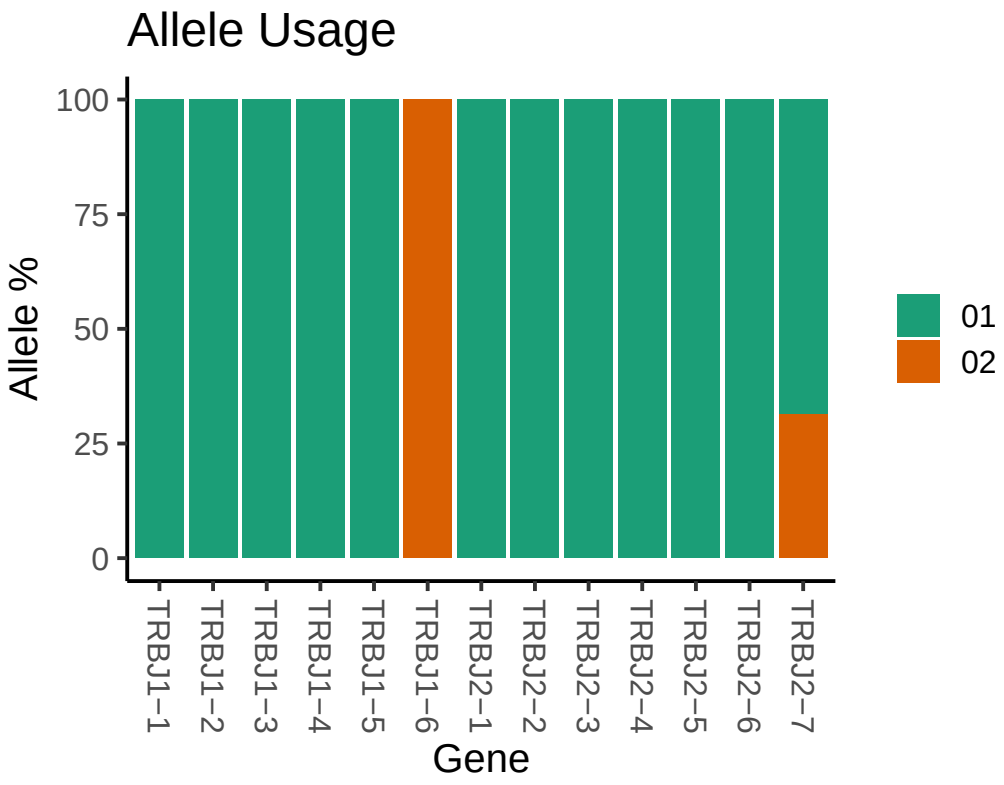
662 sequences assigned
377 (56.9%) exact matches, in which:
309 unique CDR3
14 unique J



TRBV29−1*bp03

128 sequences assigned
66 (51.6%) exact matches, in which:
60 unique CDR3
10 unique J




Allele Usage
Allele %
100
75
50
25
0
TRBJ1−1
TRBJ1−2
TRBJ1−3
TRBJ1−4
TRBJ1−5
TRBJ1−6
TRBJ2−1
TRBJ2−2
TRBJ2−3
TRBJ2−4
TRBJ2−5
TRBJ2−6
TRBJ2−7
Gene
01
02

Sequence Count by TRBJ2−7 allele usage
Count
300
200
100
0
−100
Allele
01
02
TRBV20−1*pp01
TRBV10−1*pp02
TRBV10−3*pp01
TRBV13*pp01
TRBV14*pp01
TRBV15*pp02
TRBV18*pp01
TRBV19*pp01
TRBV2*pp01
TRBV27*pp01
TRBV28*pp01
TRBV30*pp01
TRBV9*pp01
TRBV21−1*pp01
TRBV11−1*pp01
TRBV21−1*pp02
TRBV11−2*pp01
TRBV11−3*pp03
TRBV11−3*pp01
TRBV12−5*pp01
TRBV12−3/4*pp01
TRBV3−1*pp01
TRBV23−1*pp01
TRBV3−2*pp02
TRBV24−1*pp01
TRBV4−1*pp01
TRBV24−1*pp02
TRBV4−2*pp01
TRBV4−3*pp01
TRBV5−1*pp01
TRBV25−1*pp01
TRBV5−3*pp01
TRBV5−4*pp01
TRBV5−5*pp01
TRBV5−6*pp01
TRBV5−7*pp01
TRBV5−8*pp01
TRBV6−1*pp01
TRBV6−4*pp01
TRBV6−5*pp01
TRBV6−6*pp01
TRBV6−6*pp02
TRBV6−7*pp01
TRBV6−8*pp01
TRBV6−9*pp01
TRBV6−23*pp01
TRBV7−2*pp01
TRBV7−3*pp01
TRBV7−4*pp01
TRBV7−6*pp01
TRBV7−7*pp01
TRBV7−8*pp01
TRBV7−9*pp01
TRBV29−1*pp01
TRBV29−1*pp03

Warning: sequence(s) for allele(s) TRAV8−1*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV23/DV6*02 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV10*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV14/DV4*02 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV8−3*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV9−1*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV39*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV2*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV25*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV36/DV7*04 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV30*01 can't be found in the reference set or the novel alleles file.

Warning: sequence(s) for allele(s) TRAV40*01 can't be found in the reference set or the novel alleles file.

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found