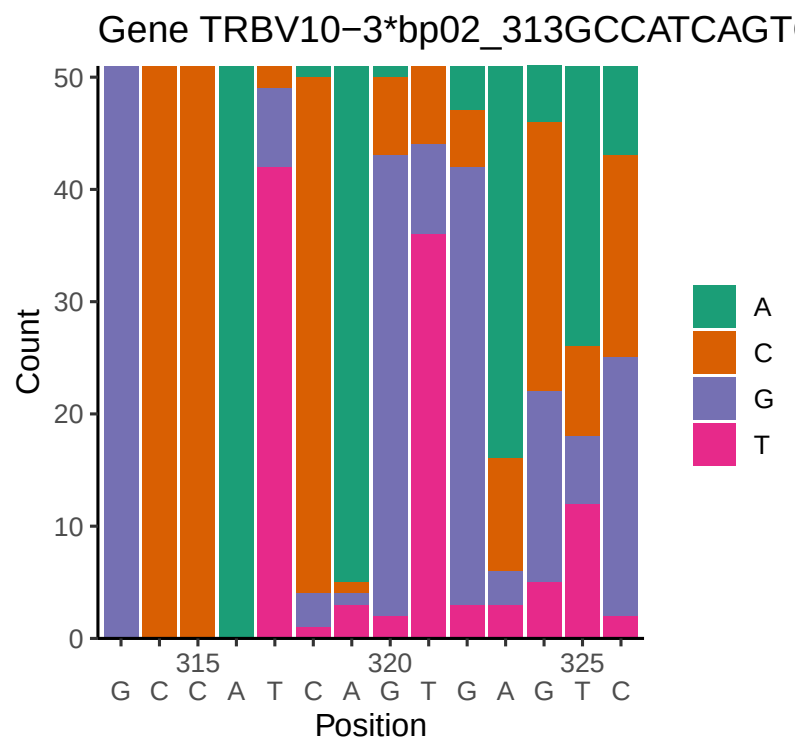
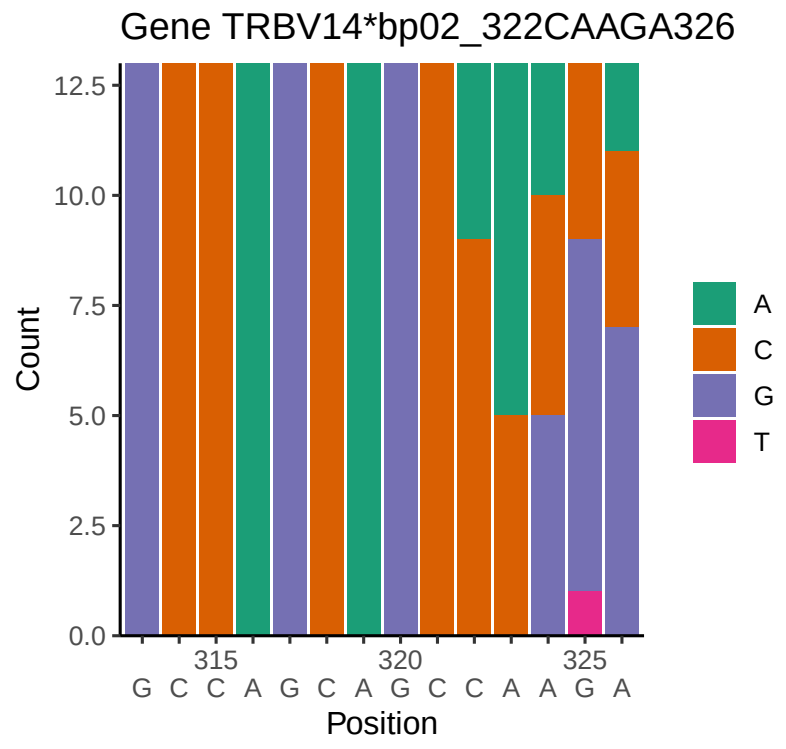
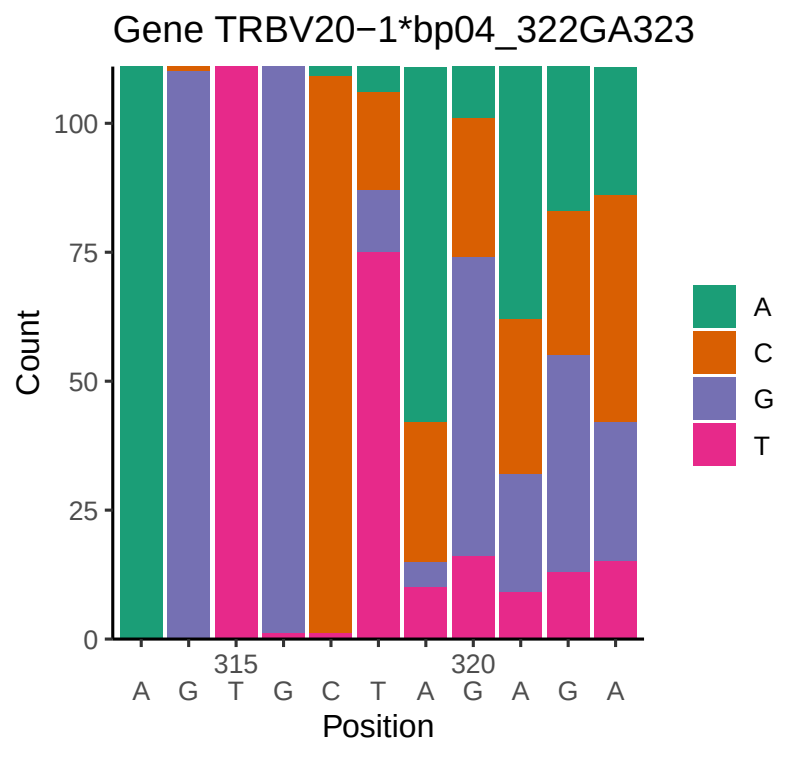
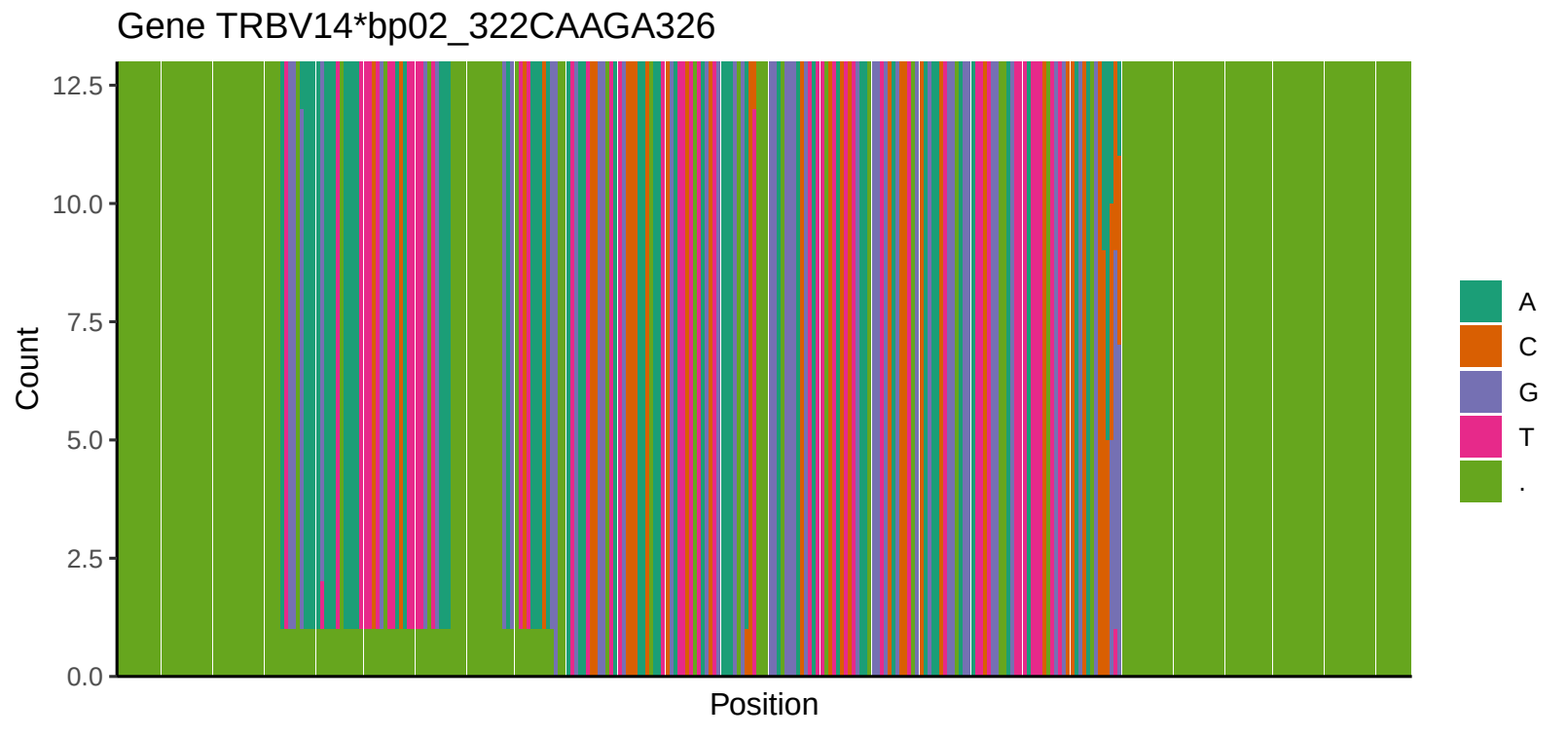

Gene TRBV10−3*bp02_313GCCATCAGTGAGTC326
Count
50
40
30
20
10
0
315
320
325
G C C A T C A G T G A G T C
Position
A
C
G
T


Gene TRBV14*bp02_322CAAGA326
Count
12.5
10.0
7.5
5.0
2.5
0.0
315
320
325
G C C A G C A G C C A A G A
Position
A
C
G
T

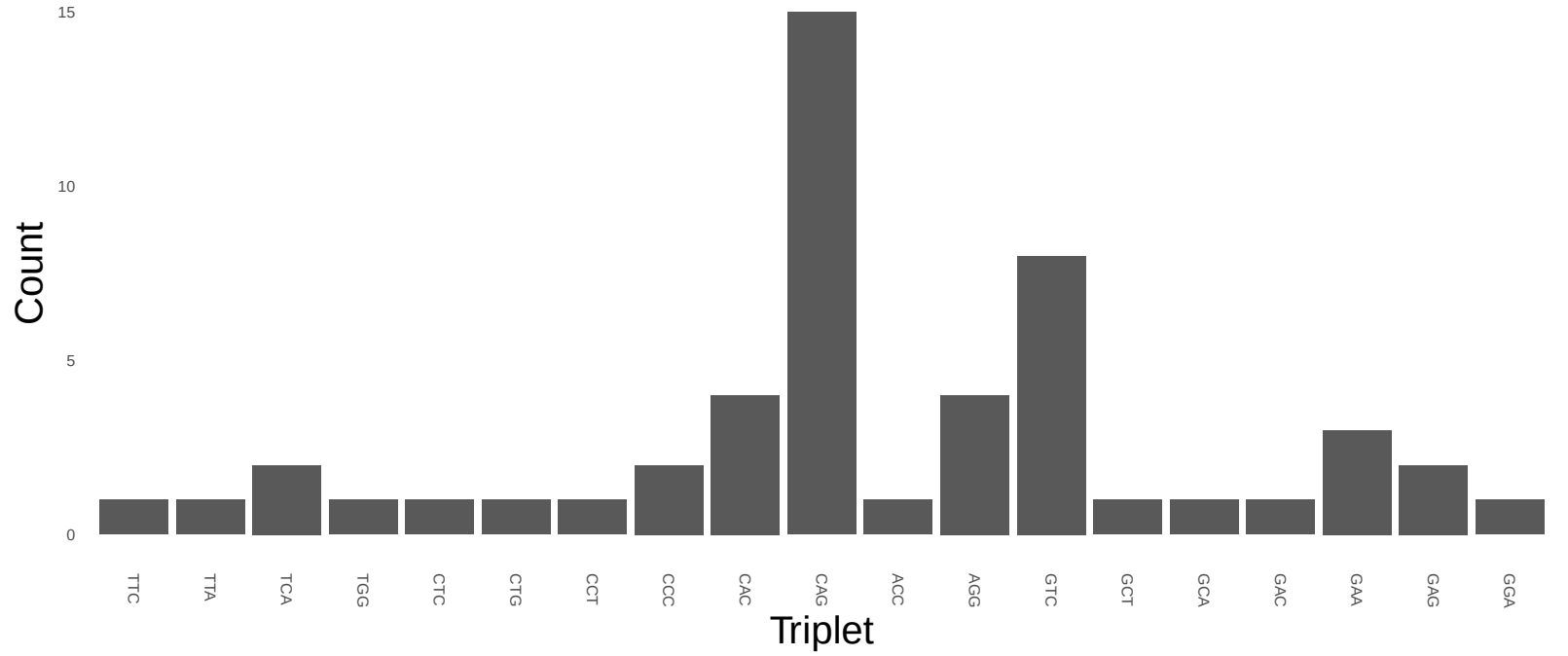

Gene TRBV20−1*bp04_322GA323
Count
100
75
50
25
0
315
320
A G T G C T A G A G A
Position
A
C
G
T

Gene TRBV10−3*bp02_313GCCATCAGTGAGTC326
Count
Position
A
C
G
T
.

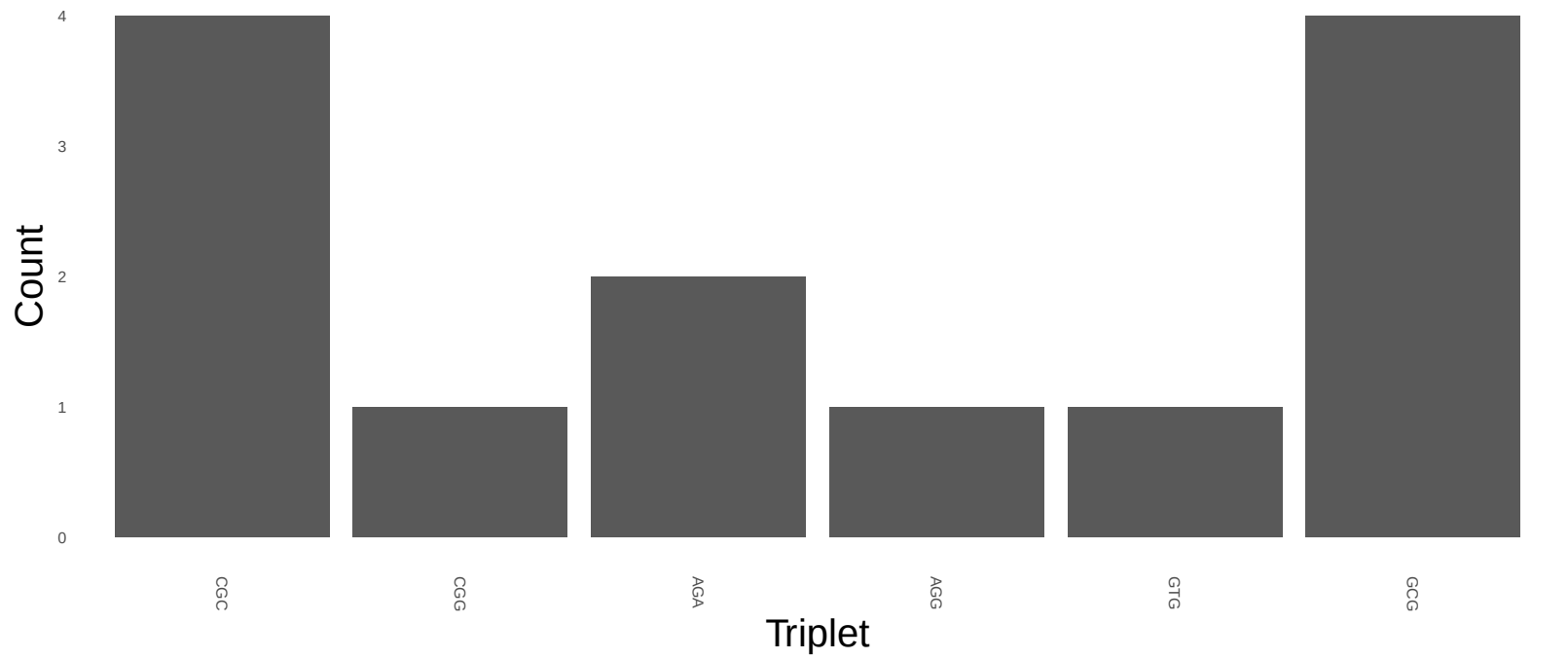

Gene TRBV14*bp02_322CAAGA326
Count
Position
A
C
G
T
.

Gene TRBV20−1*bp04_322GA323
Count
Position
A
C
G
T
.
–

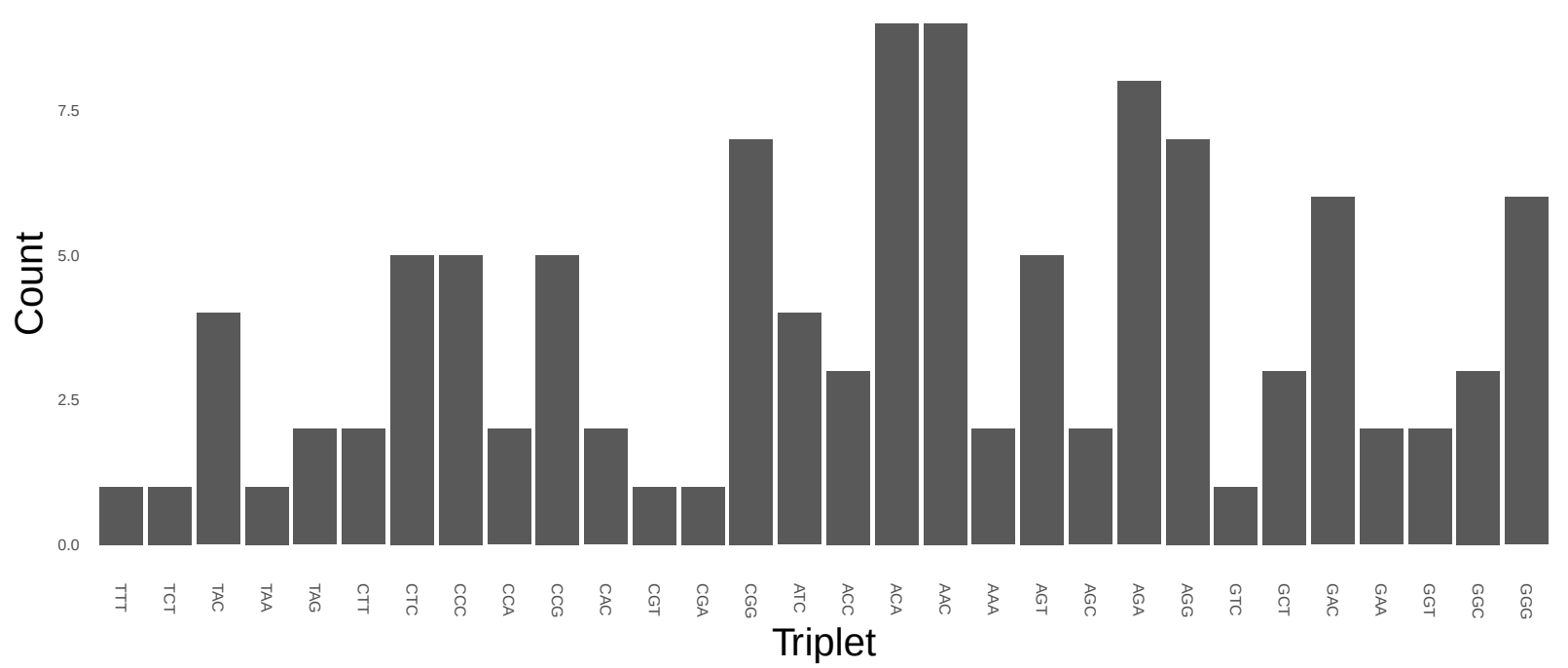
TRBV10−3*bp02_313GCCATCAGTGAGTC326− Final 3 nucleotides as a triplet




TRBV14*bp02_322CAAGA326− Final 3 nucleotides as a triplet

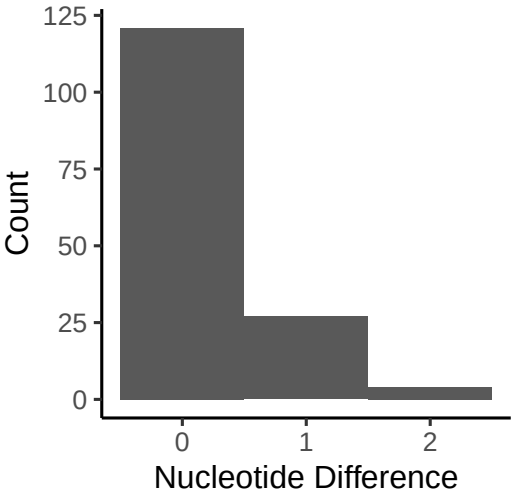



TRBV20−1*bp04_322GA323− Final 3 nucleotides as a triplet



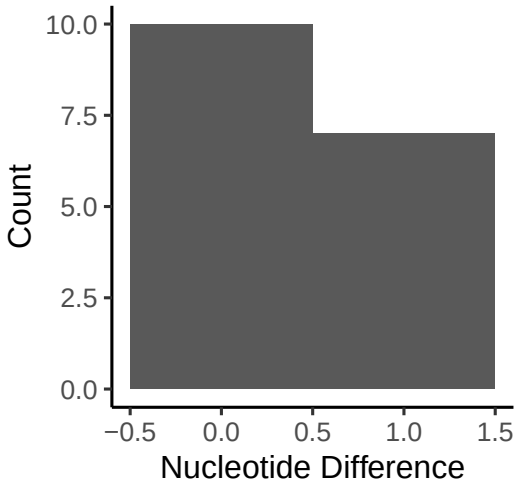
## TRBV20−1*bp01

152 sequences assigned
121 (79.6%) exact matches, in which:
73 unique CDR3
14 unique J



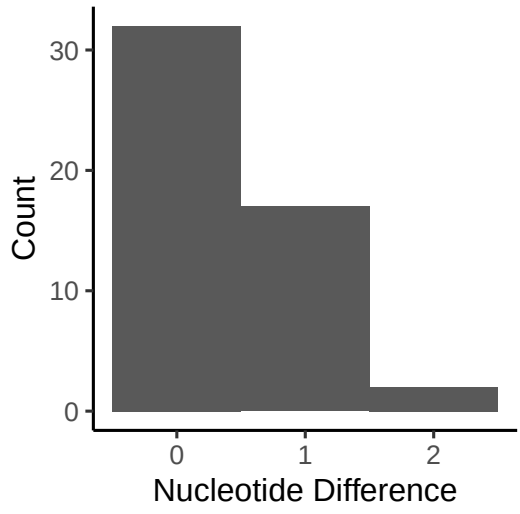

## TRBV10−2*bp01

17 sequences assigned
10 (58.8%) exact matches, in which:
9 unique CDR3
6 unique J



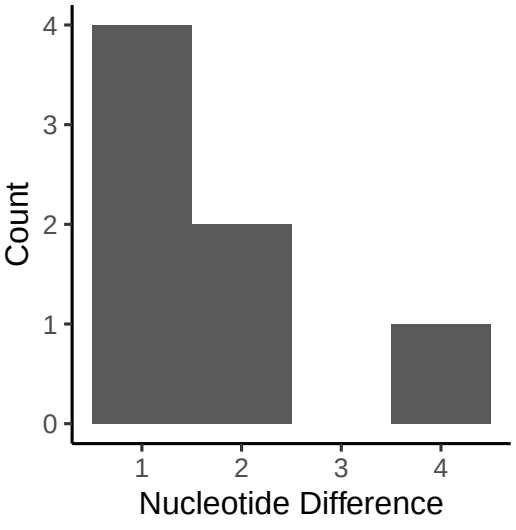

## TRBV10−3*bp02_313GCC

51 sequences assigned
32 (62.7%) exact matches, in which:
27 unique CDR3
10 unique J



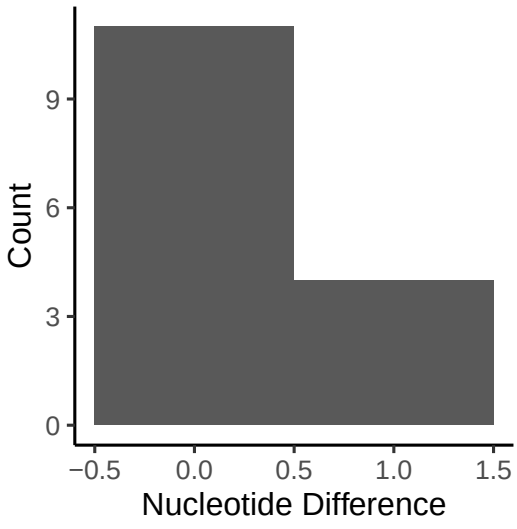

## TRBV10−1*bp02

7 sequences assigned
No exact matches.



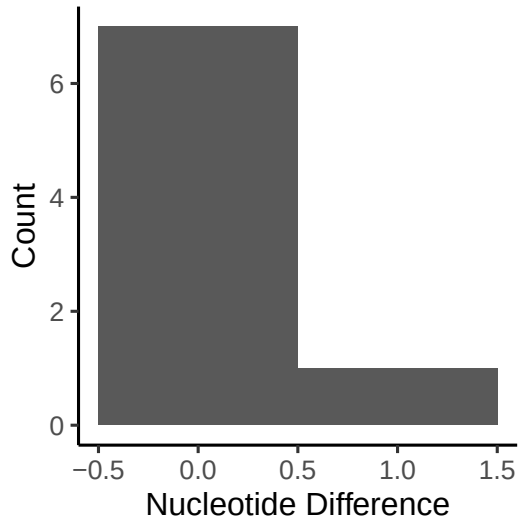

## TRBV10−2*bp02

15 sequences assigned
11 (73.3%) exact matches, in which:
10 unique CDR3
5 unique J



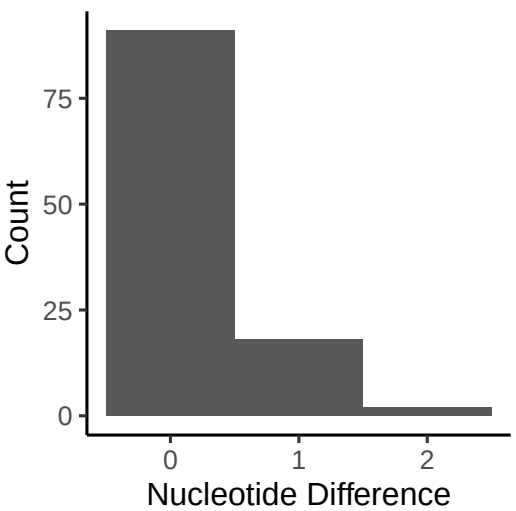

## TRBV13*bp01

8 sequences assigned
7 (87.5%) exact matches, in which:
7 unique CDR3
4 unique J



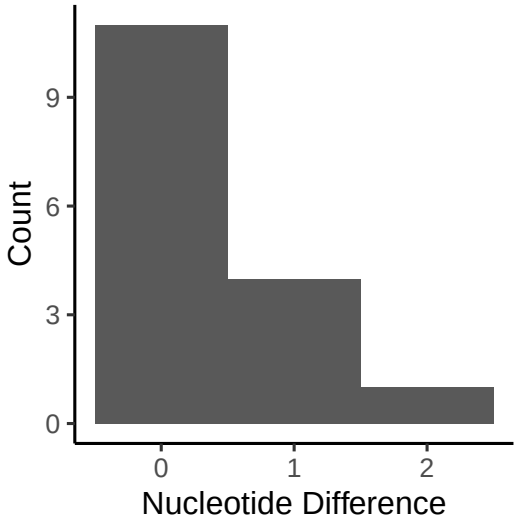

## TRBV20−1*bp04_322GA3

111 sequences assigned
91 (82%) exact matches, in which:
61 unique CDR3
12 unique J



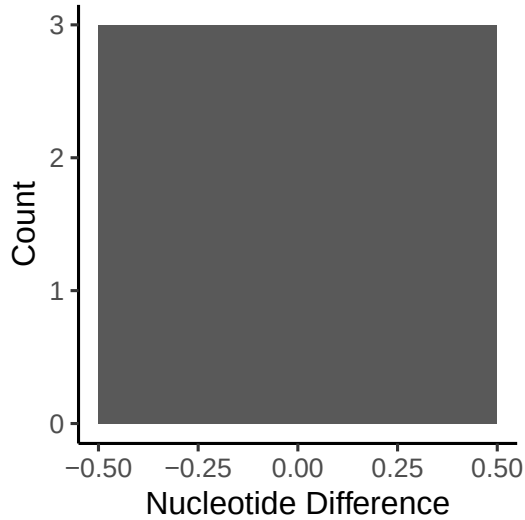

## TRBV10−3*bp01

16 sequences assigned
11 (68.8%) exact matches, in which:
9 unique CDR3
5 unique J



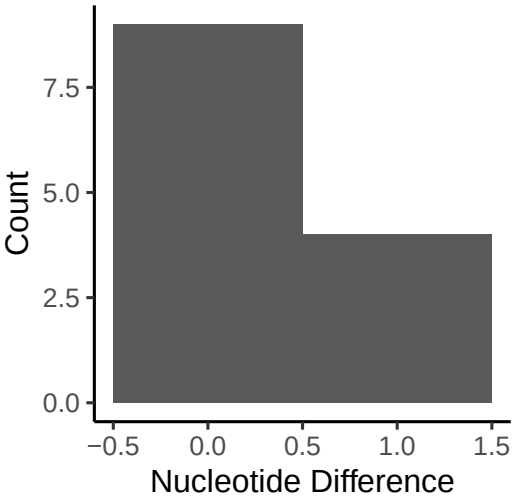

## TRBV14*bp01

3 sequences assigned
3 (100%) exact matches, in which:
2 unique CDR3
2 unique J



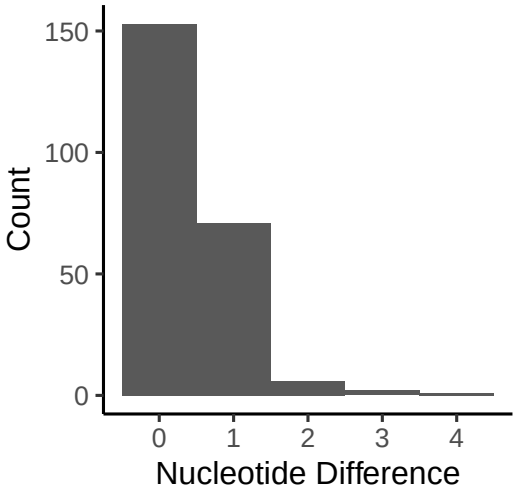
## TRBV14*bp02_322CAAG

13 sequences assigned
9 (69.2%) exact matches, in which:
7 unique CDR3
5 unique J



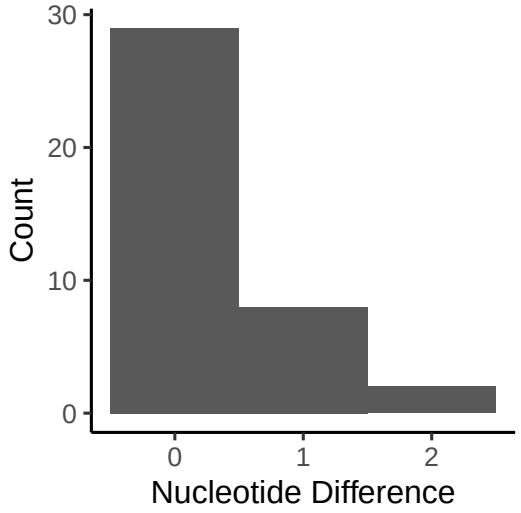

## TRBV19*bp01

234 sequences assigned
153 (65.4%) exact matches, in which:
99 unique CDR3
13 unique J



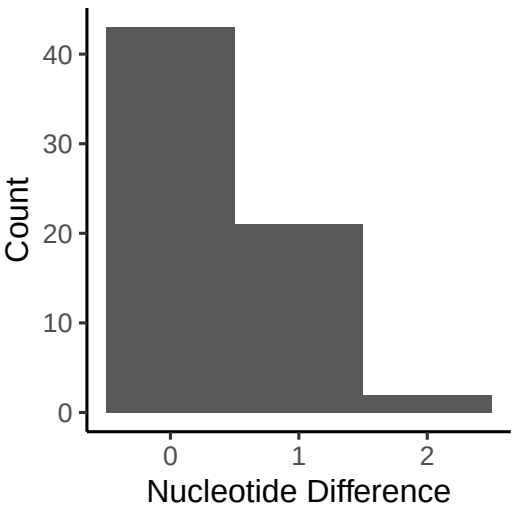

## TRBV28*bp01

39 sequences assigned
29 (74.4%) exact matches, in which:
24 unique CDR3
11 unique J



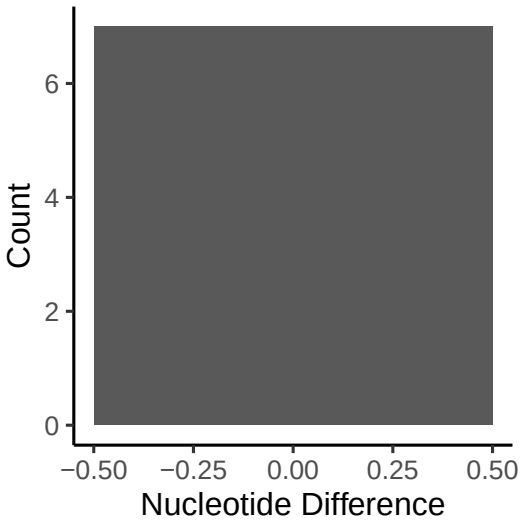

## TRBV15*bp02

66 sequences assigned
43 (65.2%) exact matches, in which:
23 unique CDR3
8 unique J



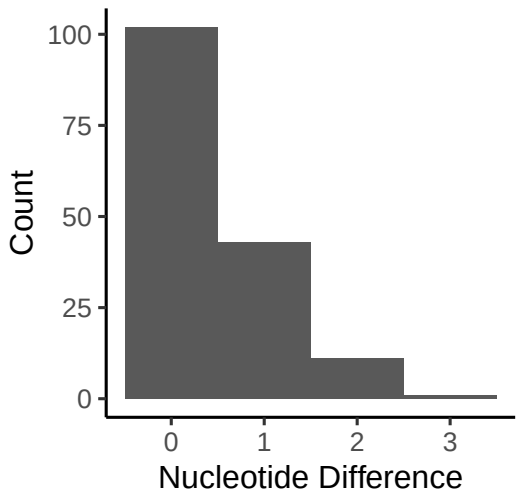

## TRBV2*bp01

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



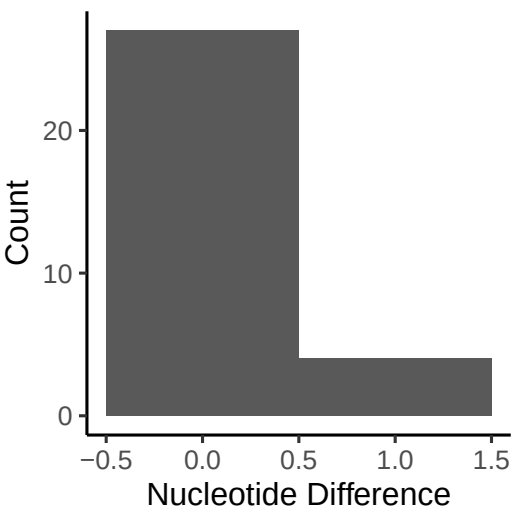

## TRBV30*bp01

157 sequences assigned
102 (65%) exact matches, in which:
56 unique CDR3
13 unique J



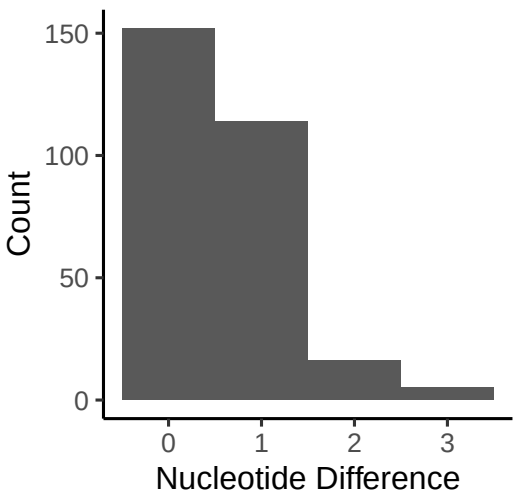

## TRBV18*bp01

31 sequences assigned
27 (87.1%) exact matches, in which:
16 unique CDR3
7 unique J



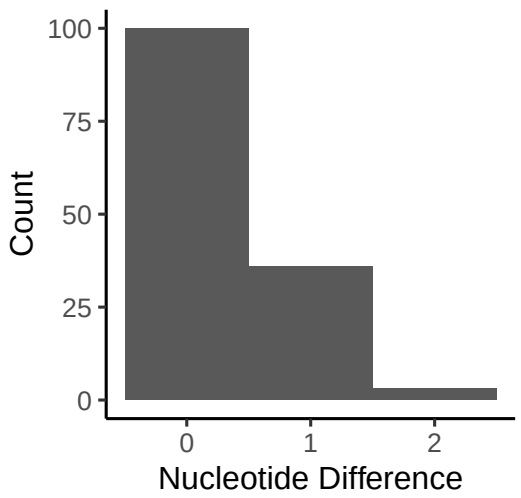

## TRBV27*bp01

287 sequences assigned
152 (53%) exact matches, in which:
121 unique CDR3
14 unique J



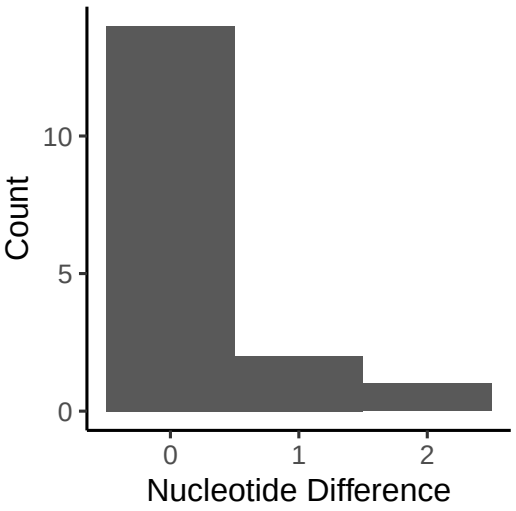

## TRBV30*bp02

139 sequences assigned
100 (71.9%) exact matches, in which:
63 unique CDR3
11 unique J



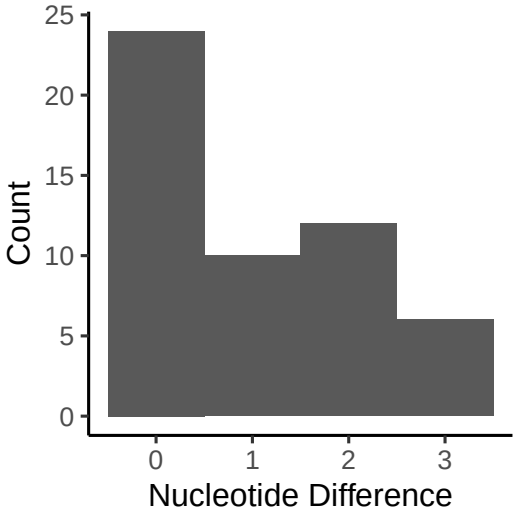
## TRBV9*bp01

17 sequences assigned
14 (82.4%) exact matches, in which:
13 unique CDR3
6 unique J



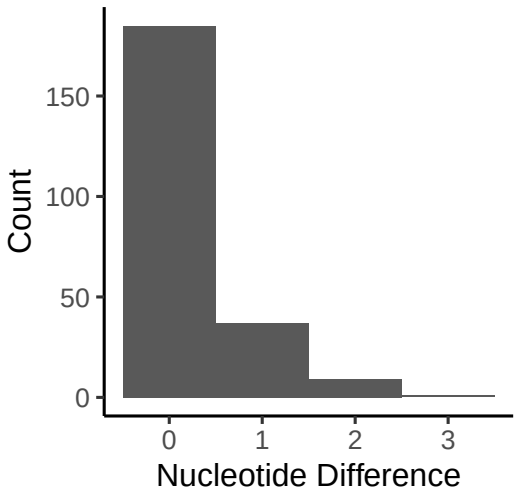

## TRBV11−2*bp01

52 sequences assigned
24 (46.2%) exact matches, in which:
20 unique CDR3
9 unique J



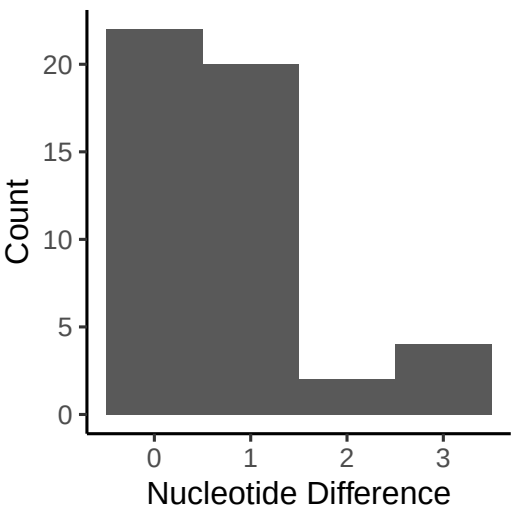

## TRBV12−34*bp01

232 sequences assigned
185 (79.7%) exact matches, in which:
99 unique CDR3
12 unique J



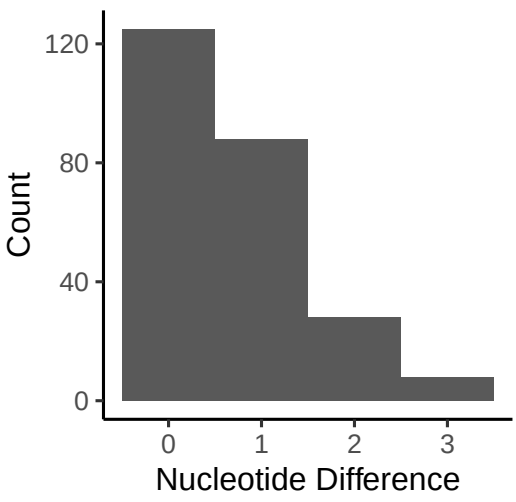

## TRBV11−1*bp01

48 sequences assigned
22 (45.8%) exact matches, in which:
15 unique CDR3
9 unique J



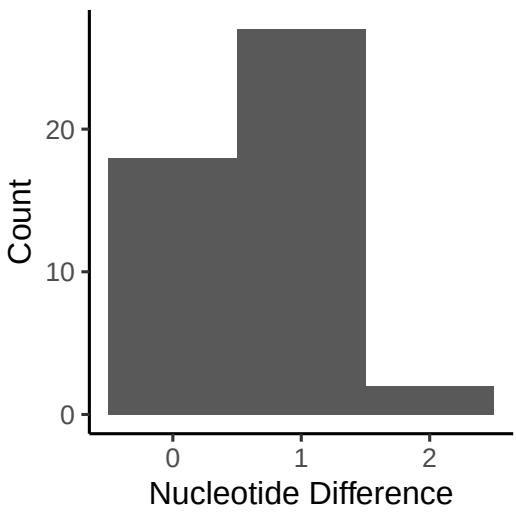

## TRBV11−3*bp01

249 sequences assigned
125 (50.2%) exact matches, in which:
84 unique CDR3
14 unique J



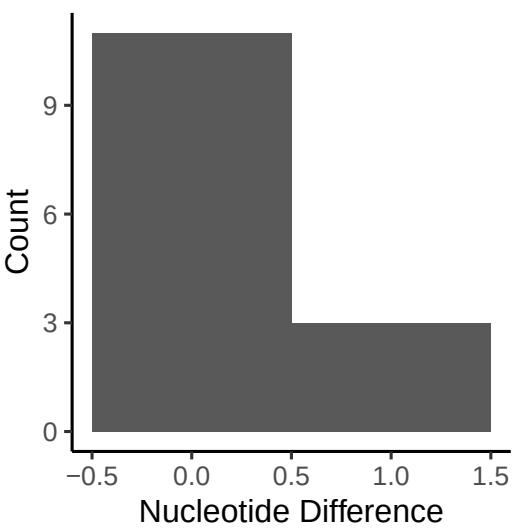

## TRBV23−1*bp01

48 sequences assigned
18 (37.5%) exact matches, in which:
14 unique CDR3
4 unique J



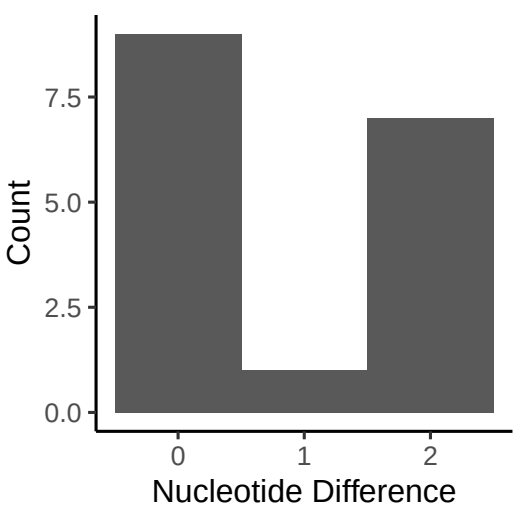

## TRBV21−1*bp01

14 sequences assigned
11 (78.6%) exact matches, in which:
11 unique CDR3
7 unique J



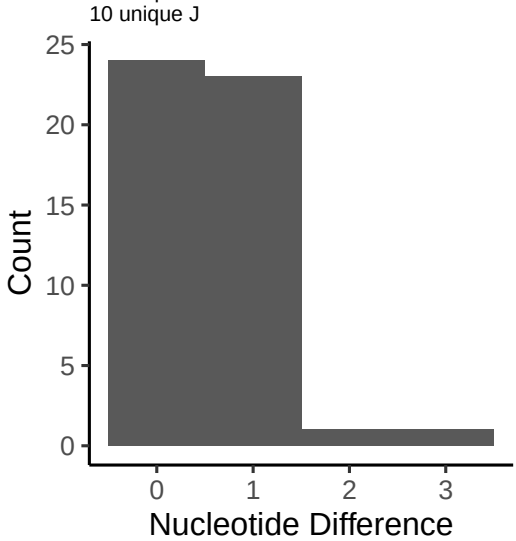

## TRBV12−5*bp01

17 sequences assigned
9 (52.9%) exact matches, in which:
9 unique CDR3
7 unique J



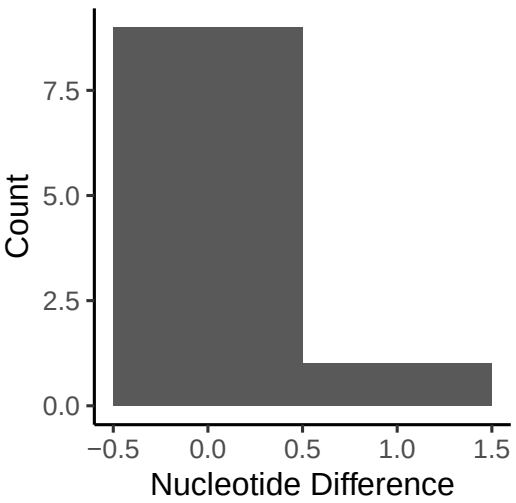

## TRBV24−1*bp01

49 sequences assigned
24 (49%) exact matches, in which:
17 unique CDR3
10 unique J



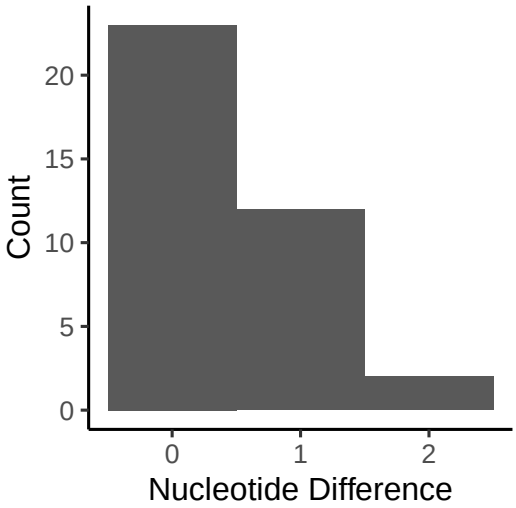
## TRBV4−1*bp01

10 sequences assigned
9 (90%) exact matches, in which:
9 unique CDR3
6 unique J



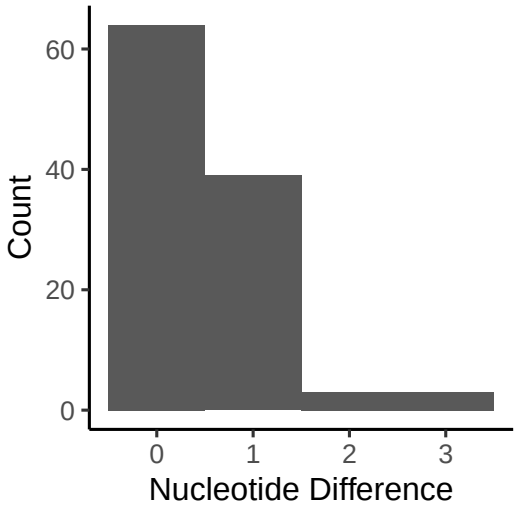

## TRBV25−1*bp01

37 sequences assigned
23 (62.2%) exact matches, in which:
10 unique CDR3
6 unique J



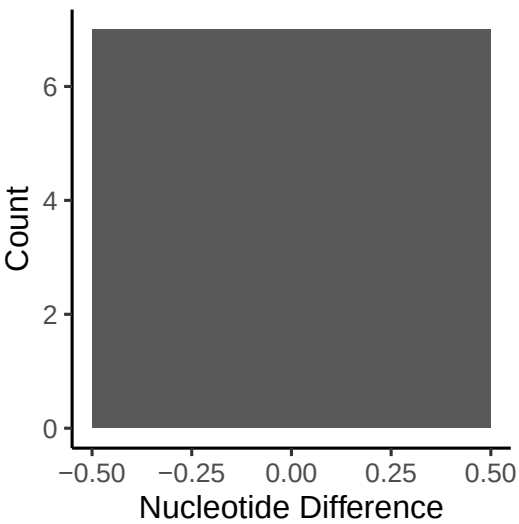

## TRBV5−4*bp01

109 sequences assigned
64 (58.7%) exact matches, in which:
45 unique CDR3
10 unique J



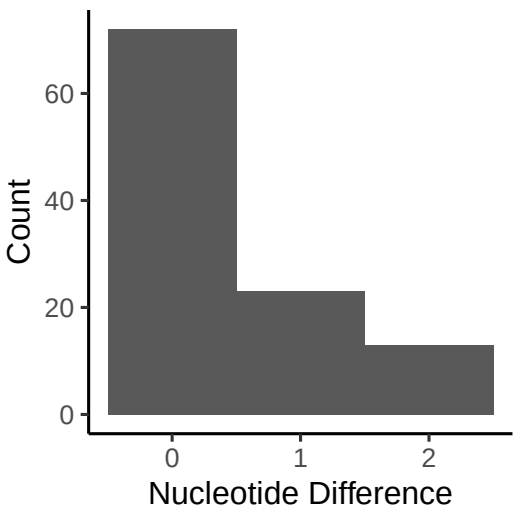

## TRBV4−2*bp01

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



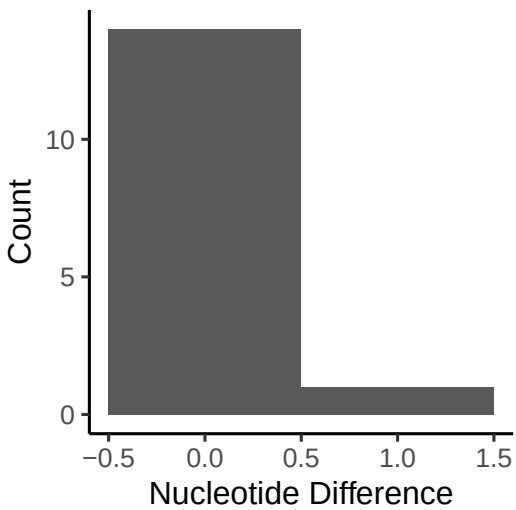

## TRBV5−1*bp01

108 sequences assigned
72 (66.7%) exact matches, in which:
50 unique CDR3
10 unique J



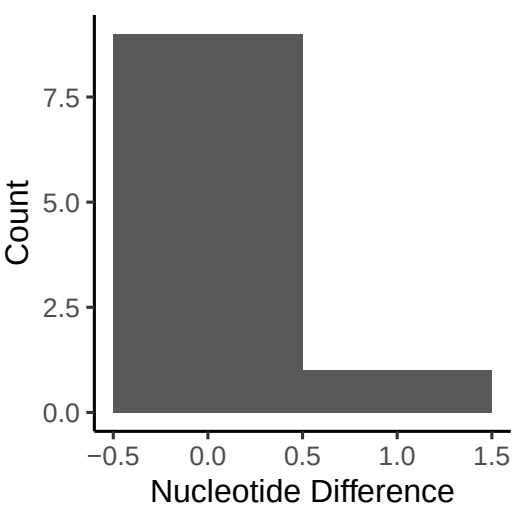

## TRBV5−5*bp01

15 sequences assigned
14 (93.3%) exact matches, in which:
9 unique CDR3
7 unique J



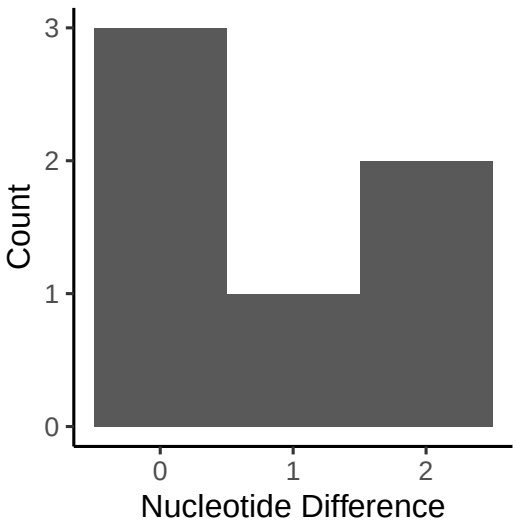

## TRBV4−3*bp01

10 sequences assigned
9 (90%) exact matches, in which:
8 unique CDR3
4 unique J



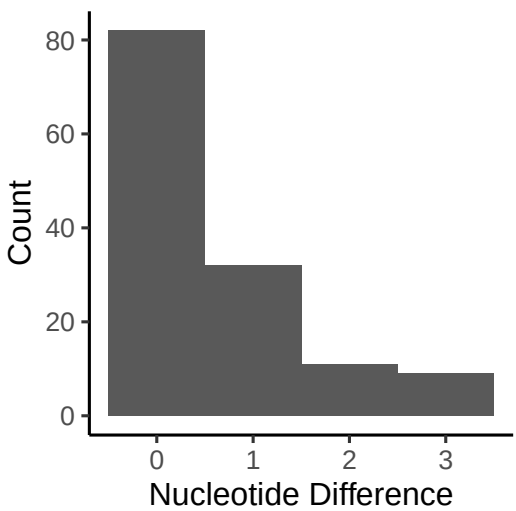

## TRBV5−3*bp01

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



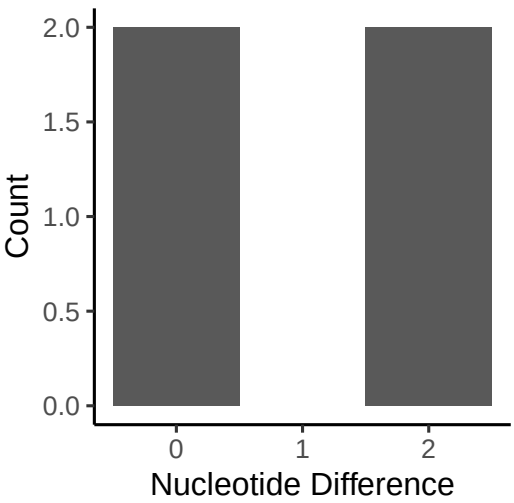

## TRBV5−6*bp01

134 sequences assigned
82 (61.2%) exact matches, in which:
60 unique CDR3
12 unique J



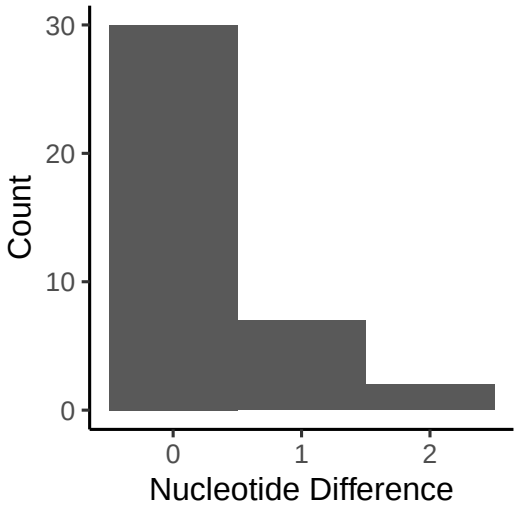
## TRBV5−7*bp01

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



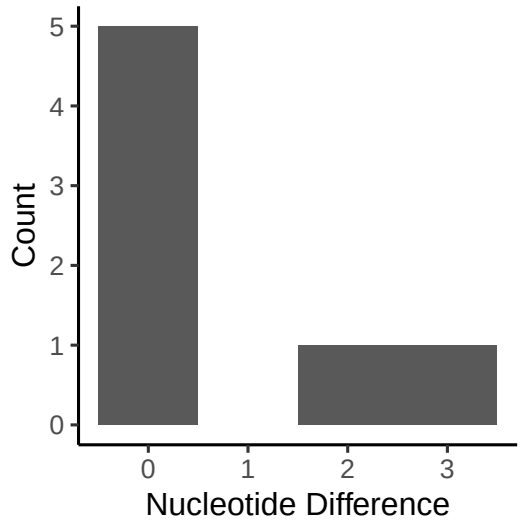

## TRBV6−4*bp01

39 sequences assigned
30 (76.9%) exact matches, in which:
22 unique CDR3
9 unique J



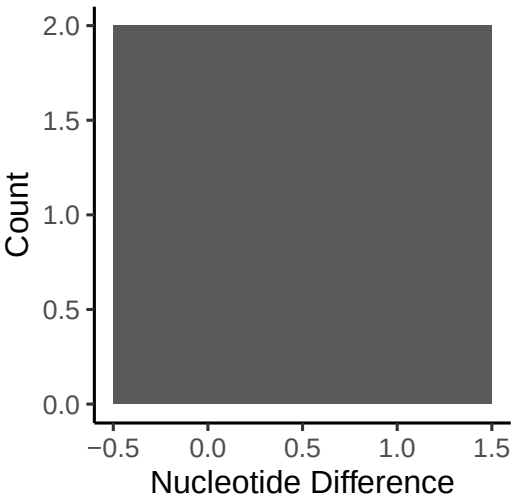

## TRBV6−7*bp01

7 sequences assigned
5 (71.4%) exact matches, in which:
4 unique CDR3
2 unique J



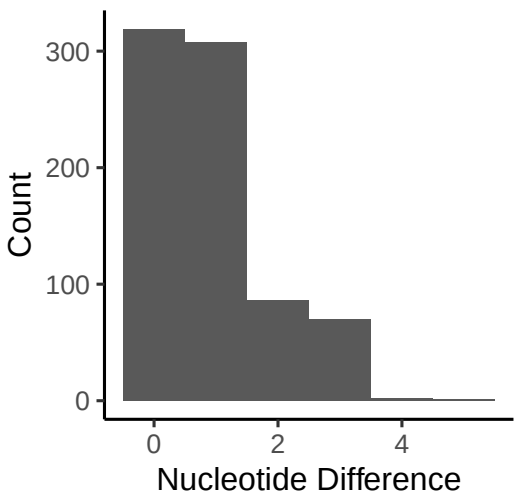

## TRBV5−8*bp01

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



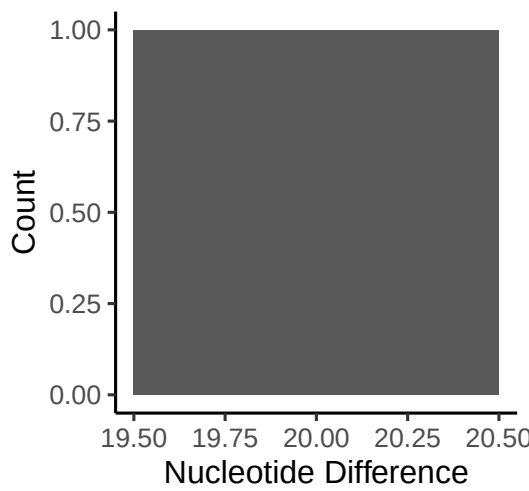

## TRBV6−5*bp01

786 sequences assigned
319 (40.6%) exact matches, in which:
220 unique CDR3
13 unique J



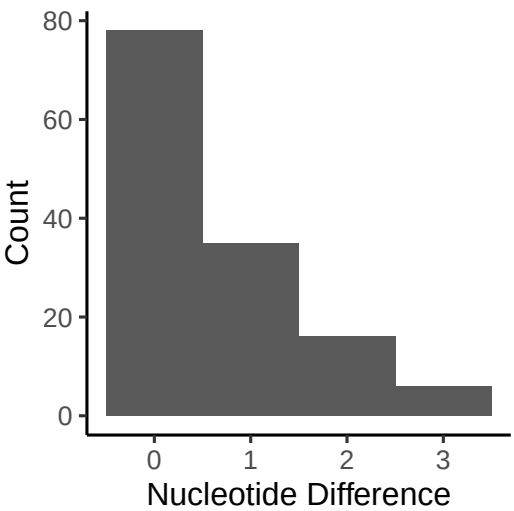

## TRBV6−8*bp01

1 sequences assigned
No exact matches.



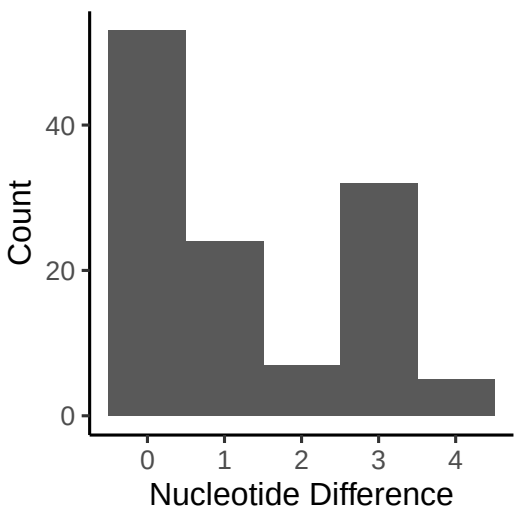

## TRBV6−1*bp01

135 sequences assigned
78 (57.8%) exact matches, in which:
69 unique CDR3
14 unique J



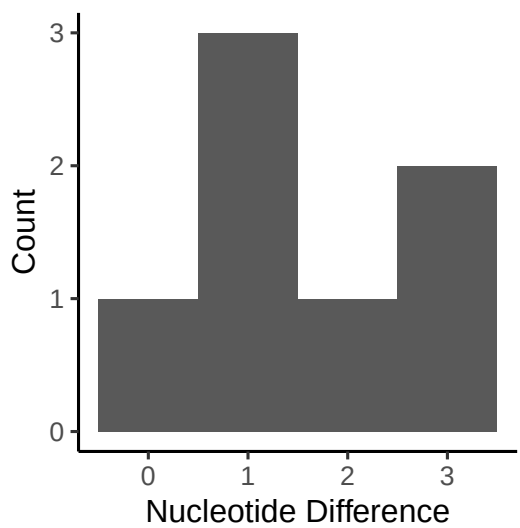

## TRBV6−6*bp01

121 sequences assigned
53 (43.8%) exact matches, in which:
45 unique CDR3
12 unique J



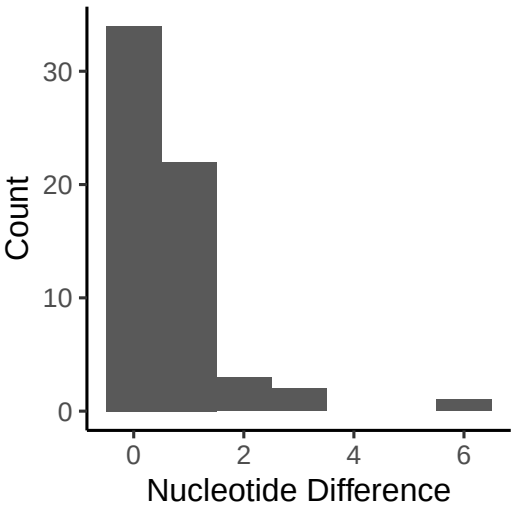

## TRBV6−9*bp01

7 sequences assigned
1 (14.3%) exact matches, in which:
1 unique CDR3
1 unique J



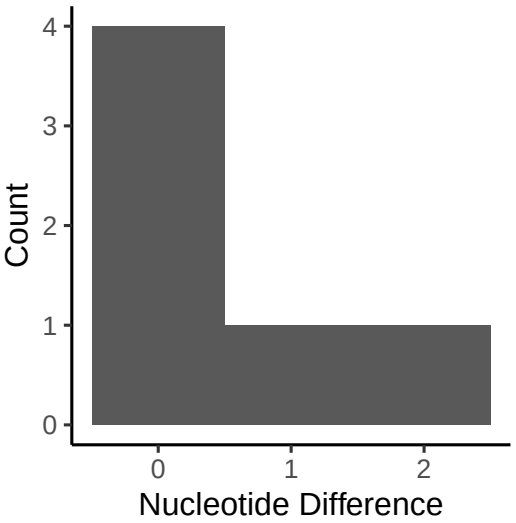
## TRBV6−23*bp01

62 sequences assigned
34 (54.8%) exact matches, in which:
28 unique CDR3
10 unique J



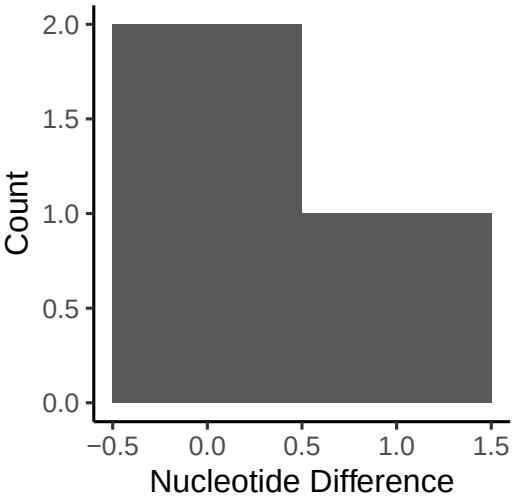

## TRBV7−4*bp01

6 sequences assigned
4 (66.7%) exact matches, in which:
3 unique CDR3
3 unique J



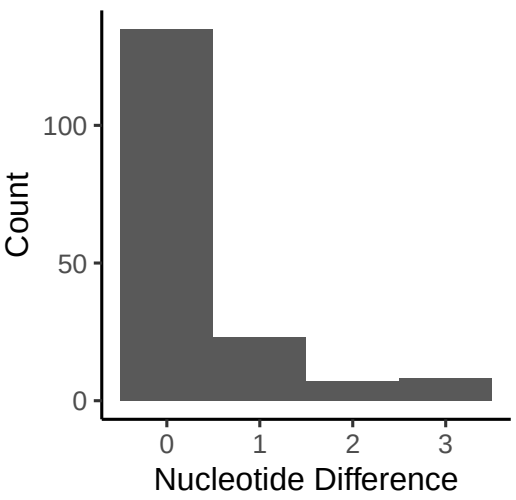

## TRBV7−8*bp01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
1 unique J



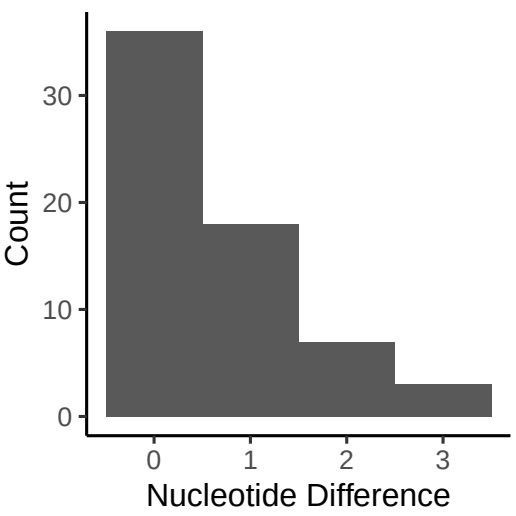

## TRBV7−2*bp01

173 sequences assigned
135 (78%) exact matches, in which:
71 unique CDR3
14 unique J



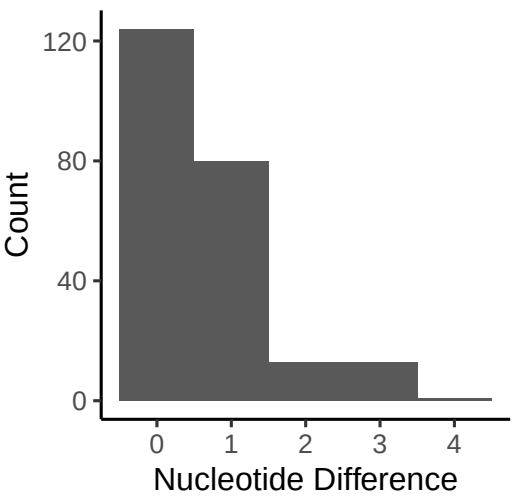

## TRBV7−6*bp01

64 sequences assigned
36 (56.2%) exact matches, in which:
23 unique CDR3
8 unique J



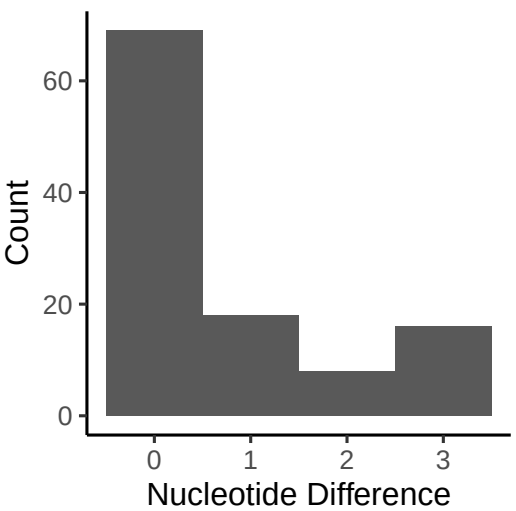

## TRBV7−9*bp01

231 sequences assigned
124 (53.7%) exact matches, in which:
67 unique CDR3
13 unique J



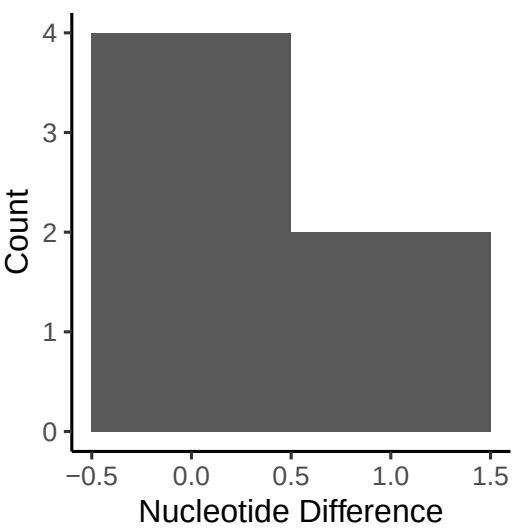

## TRBV7−3*bp01

111 sequences assigned
69 (62.2%) exact matches, in which:
42 unique CDR3
12 unique J



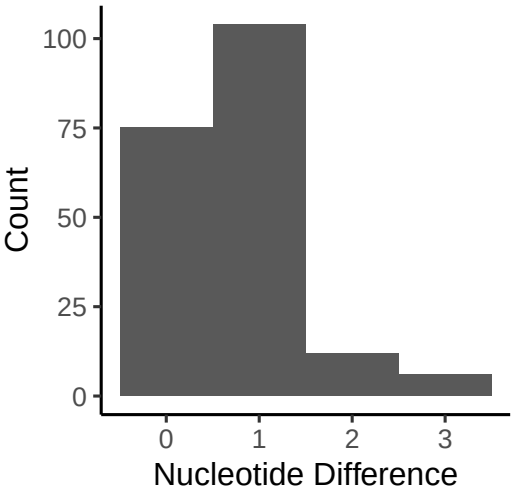

## TRBV7−7*bp01

6 sequences assigned
4 (66.7%) exact matches, in which:
4 unique CDR3
3 unique J



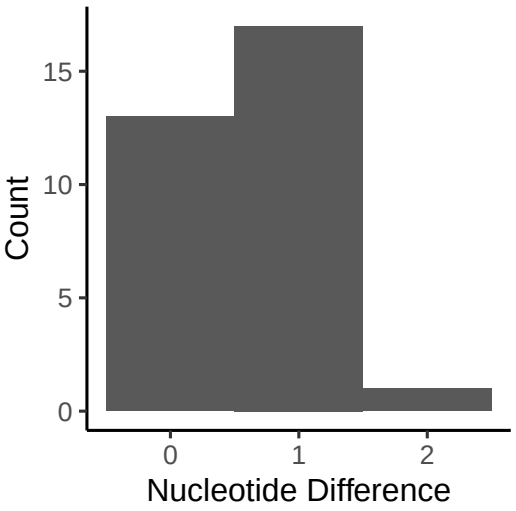

## TRBV29−1*bp01

197 sequences assigned
75 (38.1%) exact matches, in which:
48 unique CDR3
11 unique J

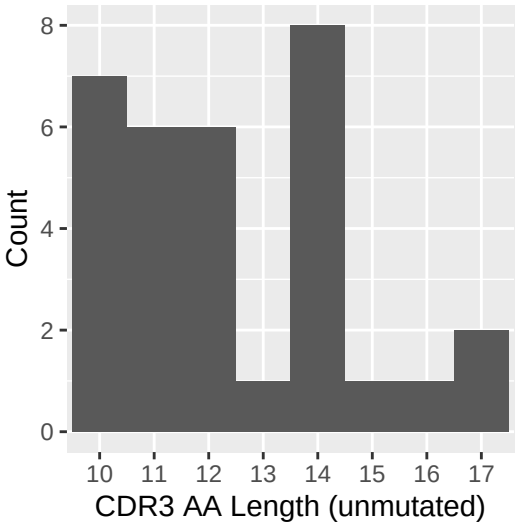


# TRBV29−1*bp03

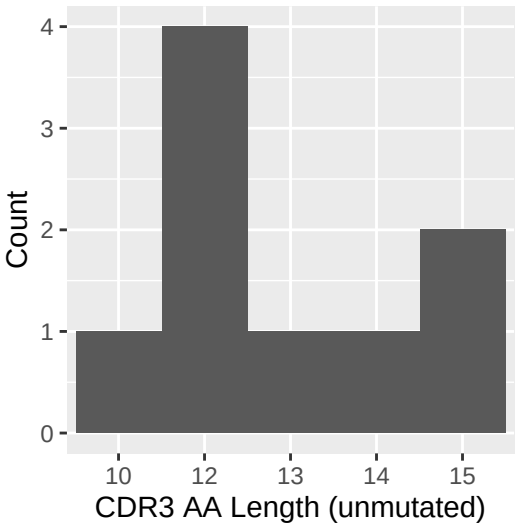
31 sequences assigned
13 (41.9%) exact matches, in which:
10 unique CDR3
3 unique J



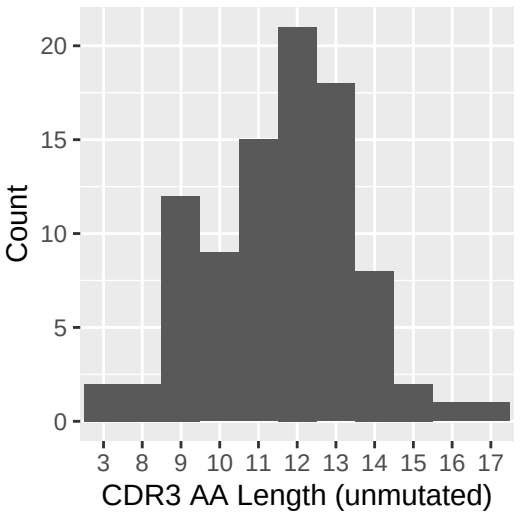
TRBV10−3*bp02_313GCCATCAGTGAGTC326

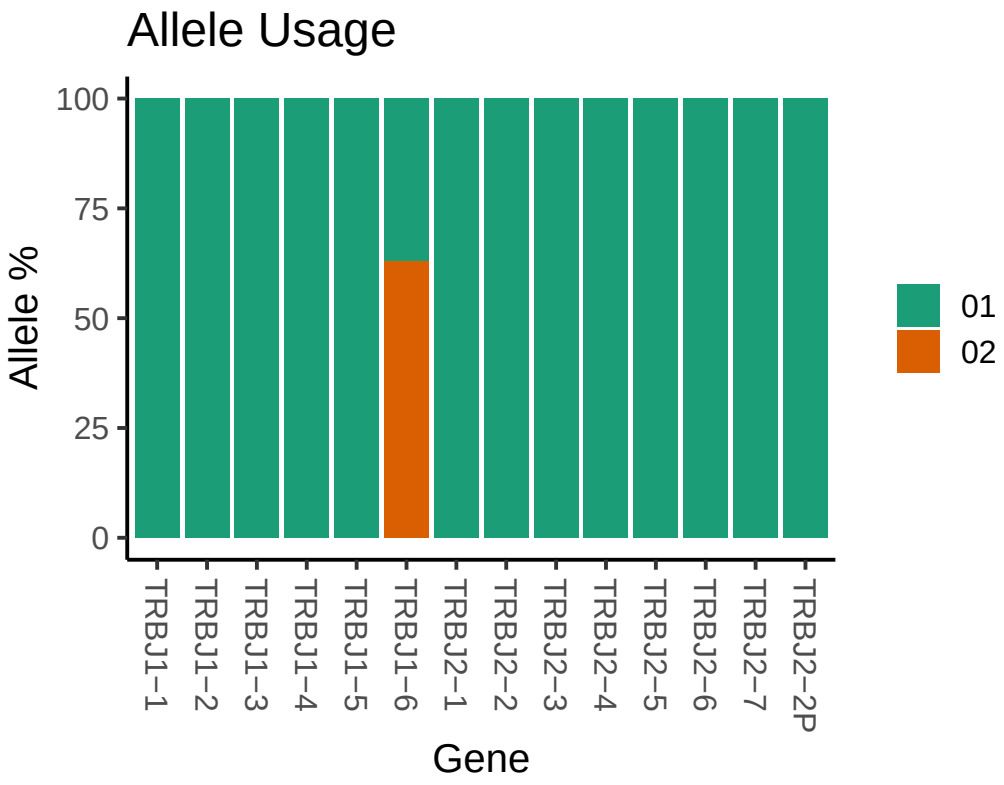


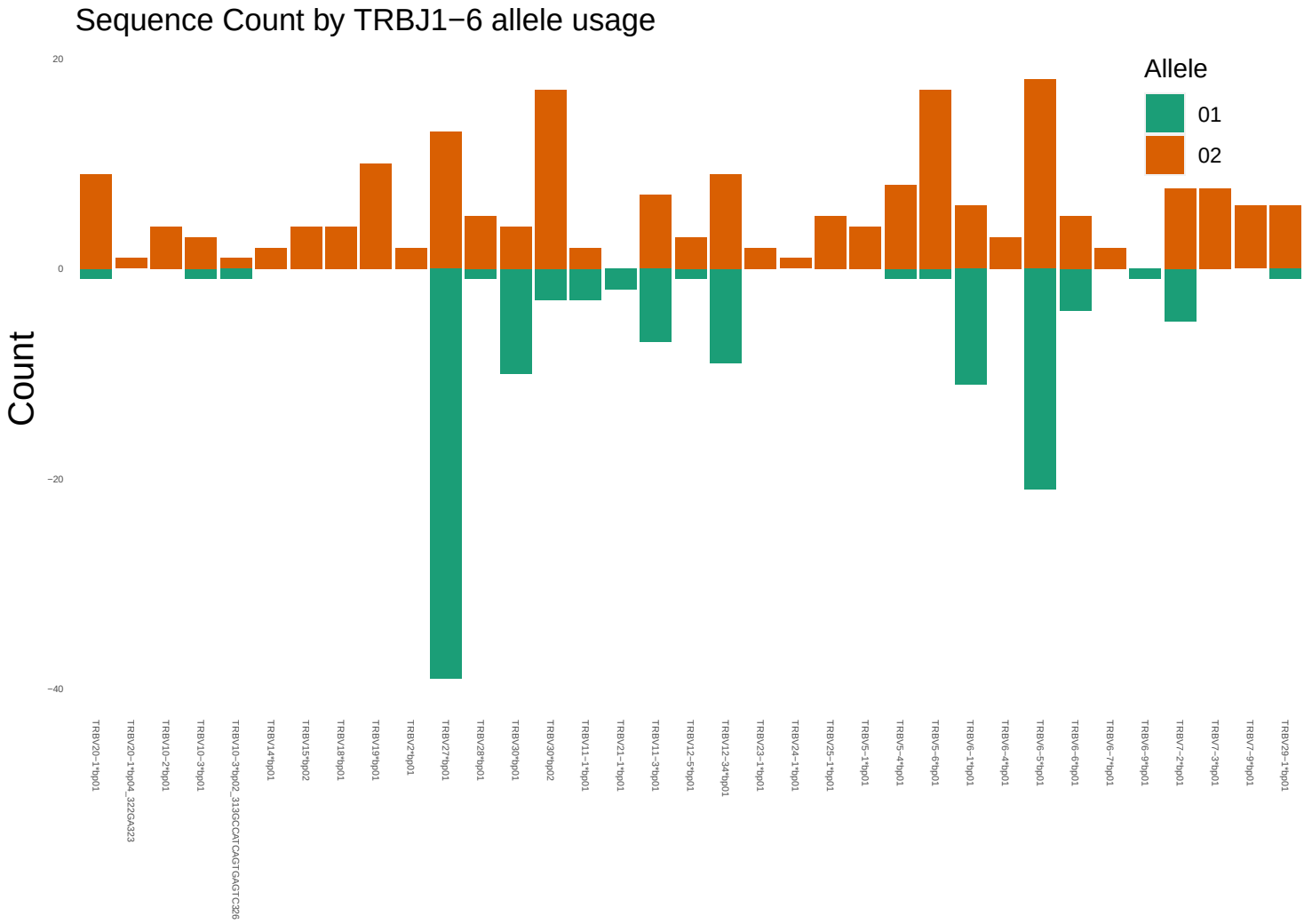

TRBV14*bp02_322CAAGA326




TRBV20−1*bp04_322GA323




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
TRBJ2−2P
Gene
01
02


Sequence Count by TRBJ1−6 allele usage
Count
20
0
−20
−40
Allele
01
02
TRBV20−1*tp01
TRBV20−1*tp04_322GA323
TRBV10−2*tp01
TRBV10−3*tp01
TRBV10−3*tp02_313GCCATCAGTGAGTC326
TRBV14*tp01
TRBV15*tp02
TRBV18*tp01
TRBV19*tp01
TRBV27*tp01
TRBV28*tp01
TRBV30*tp01
TRBV30*tp02
TRBV11−1*tp01
TRBV21−1*tp01
TRBV11−3*tp01
TRBV12−5*tp01
TRBV12−3/4*tp01
TRBV23−1*tp01
TRBV24−1*tp01
TRBV25−1*tp01
TRBV5−1*tp01
TRBV5−4*tp01
TRBV5−6*tp01
TRBV6−1*tp01
TRBV6−4*tp01
TRBV6−5*tp01
TRBV6−6*tp01
TRBV6−7*tp01
TRBV6−9*tp01
TRBV7−2*tp01
TRBV7−3*tp01
TRBV7−9*tp01
TRBV29−1*tp01

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.