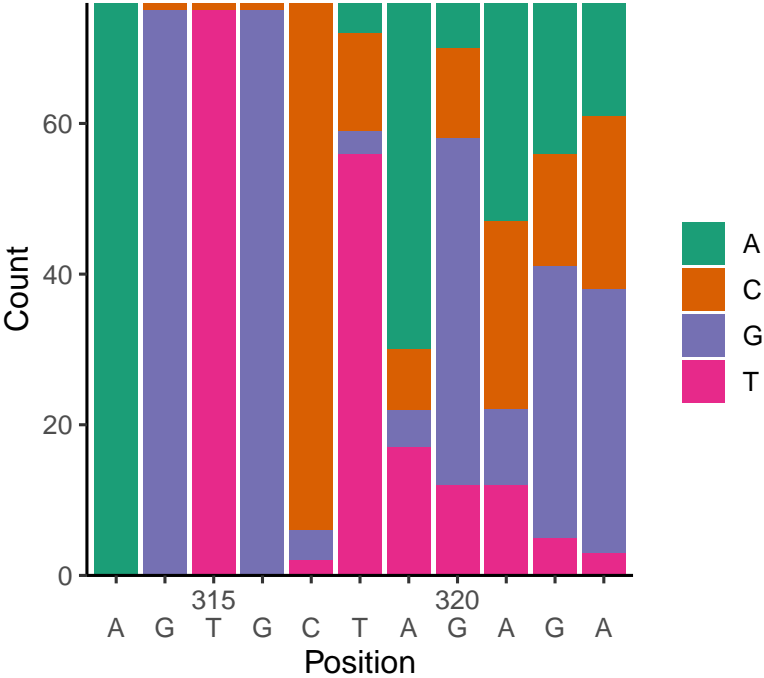


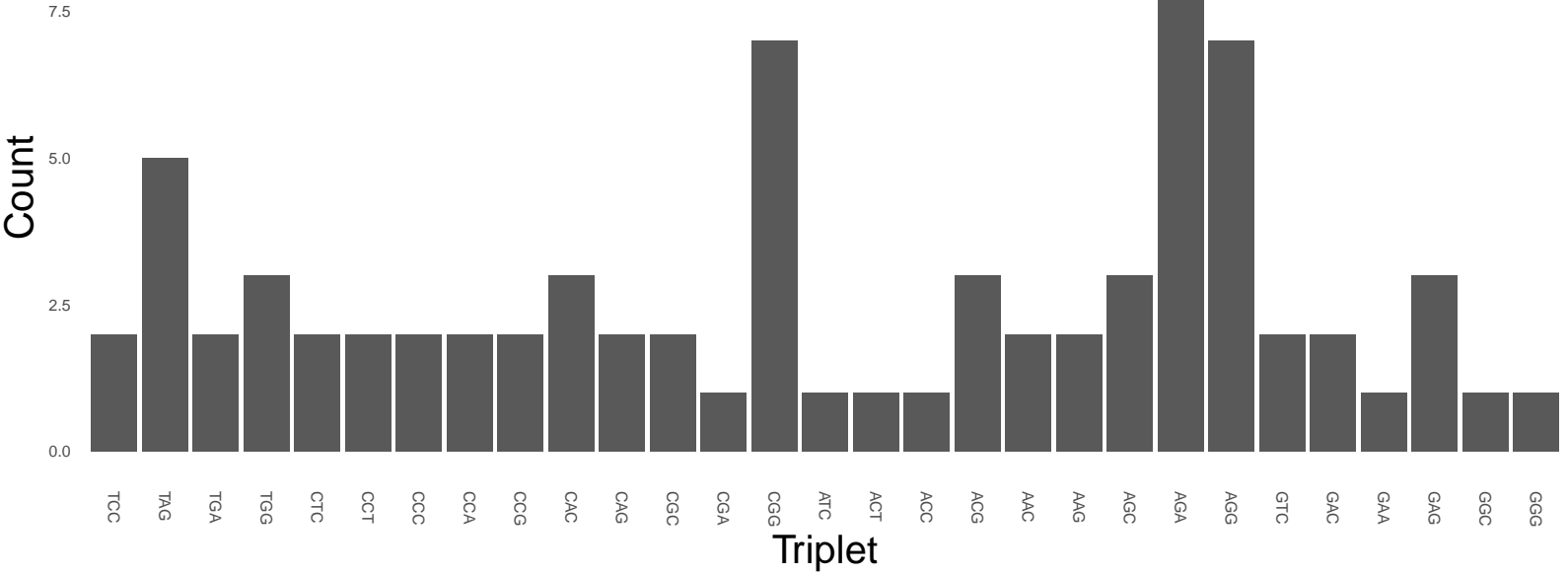
Gene TRBV20-1*bp04_322GA323



Gene TRBV20-1*bp04_322GA323

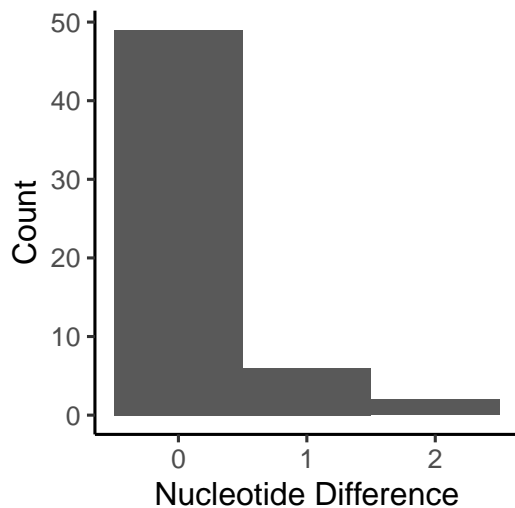


TRBV20-1*bp04_322GA323- Final 3 nucleotides as a triplet



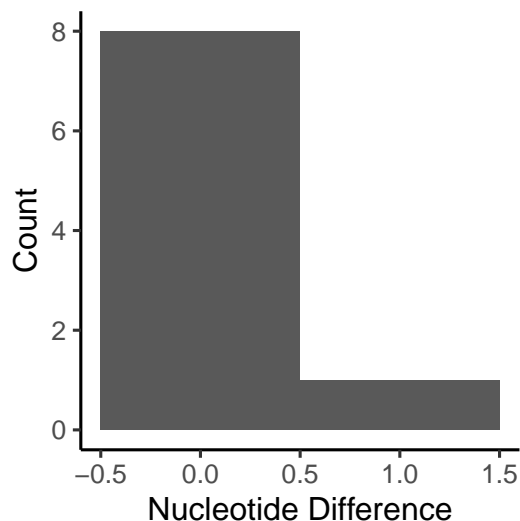
TRBV20–1*bp01

57 sequences assigned
49 (86%) exact matches, in which:
37 unique CDR3
8 unique J



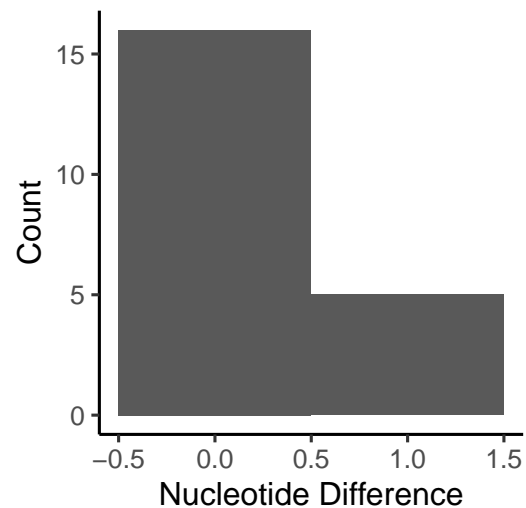
TRBV10–2*bp01

9 sequences assigned
8 (88.9%) exact matches, in which:
6 unique CDR3
4 unique J



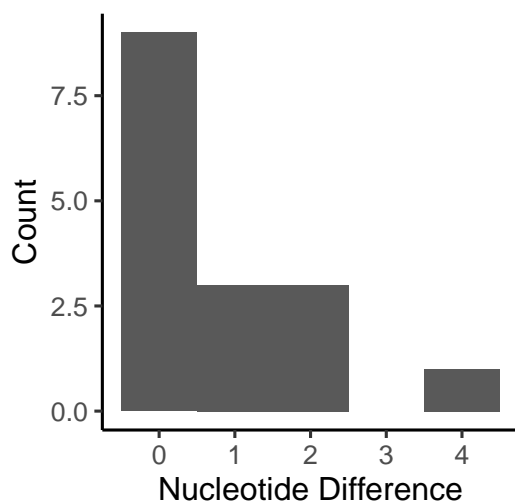
TRBV14*bp01

21 sequences assigned
16 (76.2%) exact matches, in which:
12 unique CDR3
8 unique J



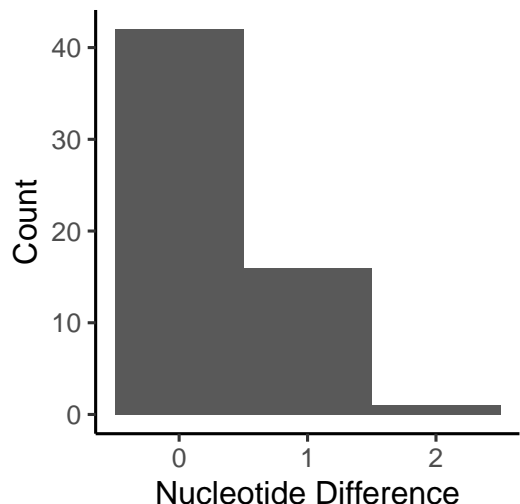
TRBV10–1*bp01

16 sequences assigned
9 (56.2%) exact matches, in which:
7 unique CDR3
3 unique J



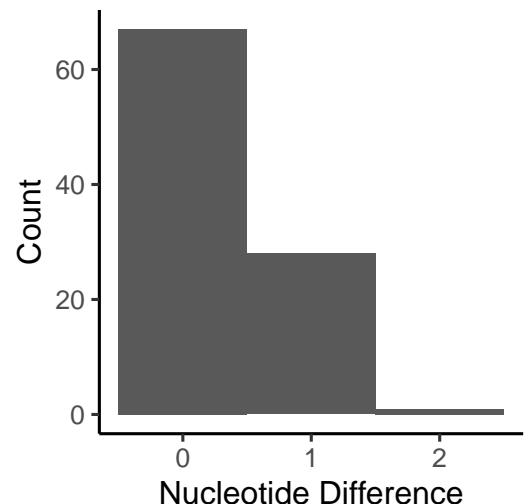
TRBV10–3*bp01

59 sequences assigned
42 (71.2%) exact matches, in which:
34 unique CDR3
10 unique J



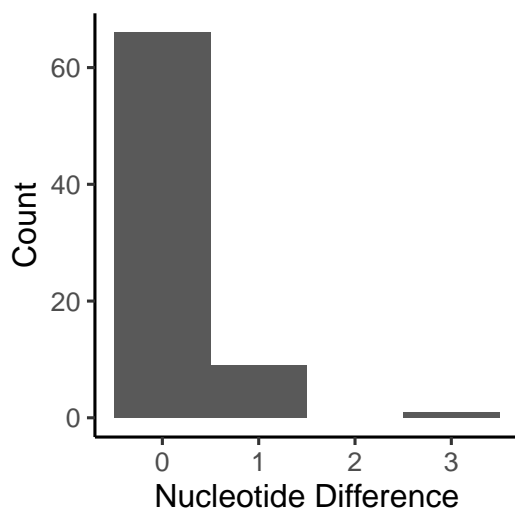
TRBV15*bp02

96 sequences assigned
67 (69.8%) exact matches, in which:
39 unique CDR3
11 unique J



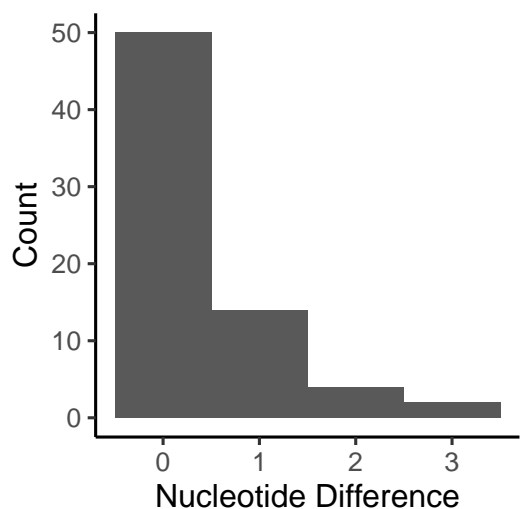
TRBV20–1*bp04_322GA3

76 sequences assigned
66 (86.8%) exact matches, in which:
51 unique CDR3
9 unique J



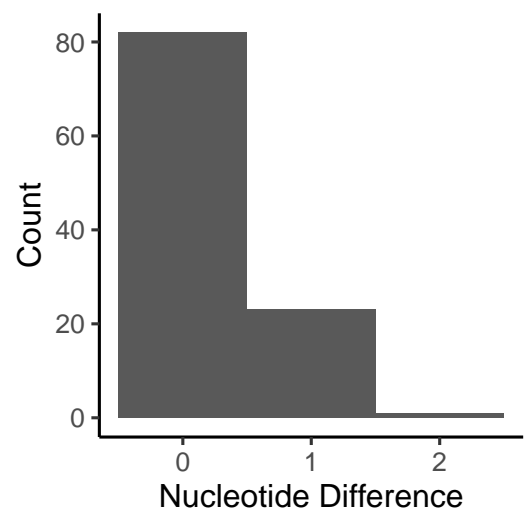
TRBV13*bp01

70 sequences assigned
50 (71.4%) exact matches, in which:
32 unique CDR3
7 unique J



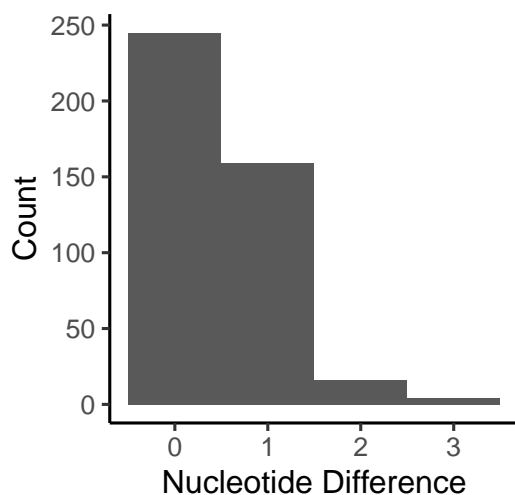
TRBV18*bp01

106 sequences assigned
82 (77.4%) exact matches, in which:
36 unique CDR3
10 unique J



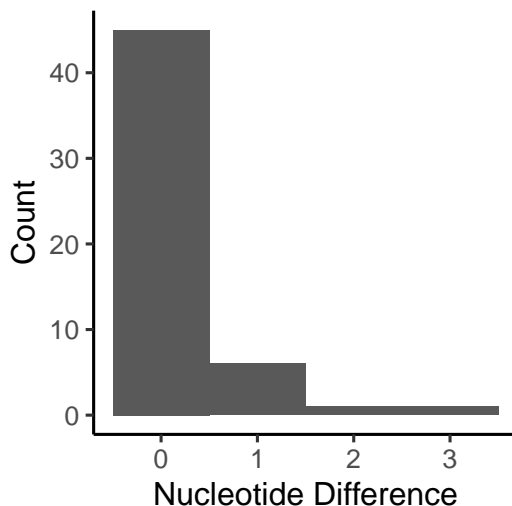
TRBV19*bp01

424 sequences assigned
245 (57.8%) exact matches, in which:
132 unique CDR3
14 unique J



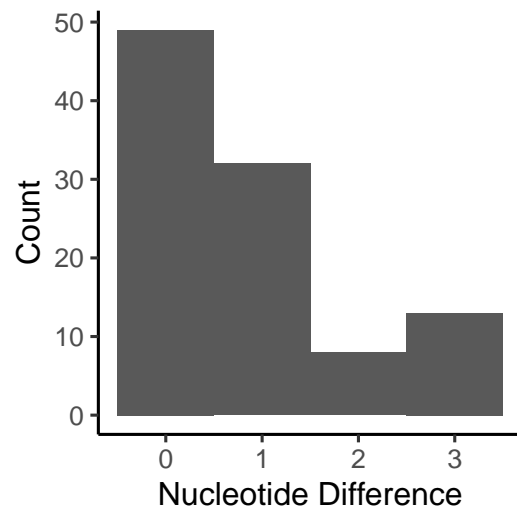
TRBV28*bp01

53 sequences assigned
45 (84.9%) exact matches, in which:
39 unique CDR3
13 unique J



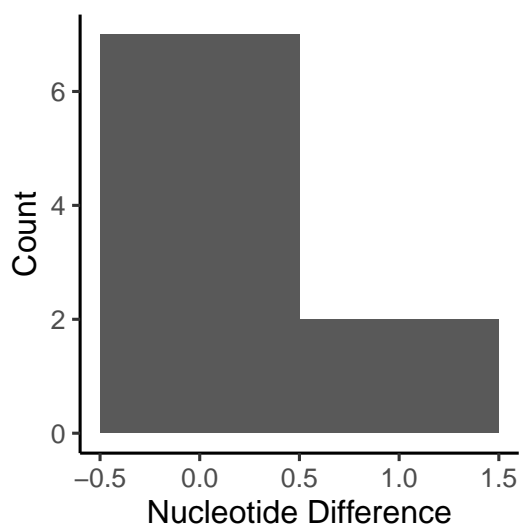
TRBV11-1*bp01

102 sequences assigned
49 (48%) exact matches, in which:
33 unique CDR3
10 unique J



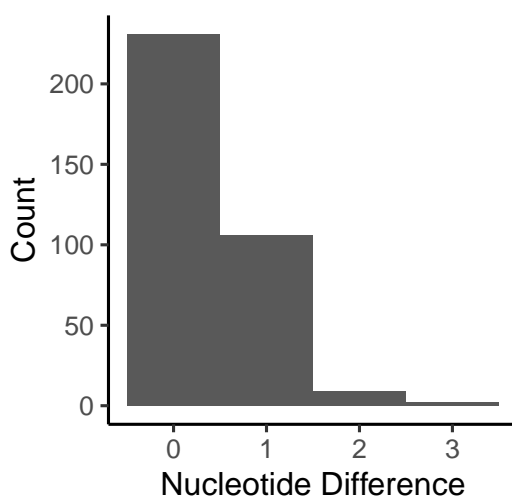
TRBV2*bp01

9 sequences assigned
7 (77.8%) exact matches, in which:
7 unique CDR3
4 unique J



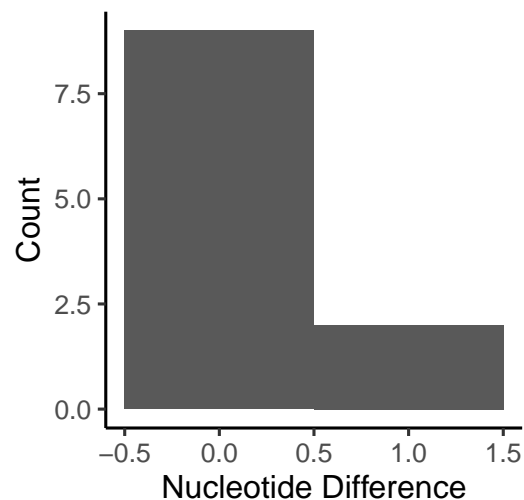
TRBV30*bp01

348 sequences assigned
231 (66.4%) exact matches, in which:
95 unique CDR3
13 unique J



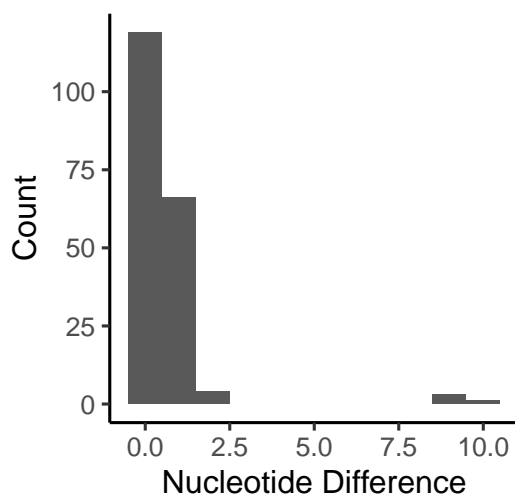
TRBV21-1*bp01

11 sequences assigned
9 (81.8%) exact matches, in which:
8 unique CDR3
6 unique J



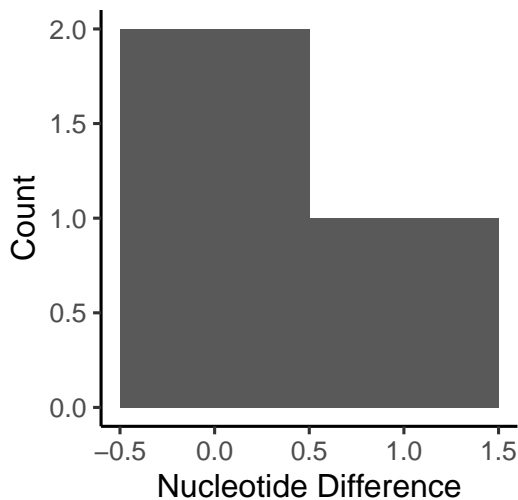
TRBV27*bp01

193 sequences assigned
119 (61.7%) exact matches, in which:
89 unique CDR3
10 unique J



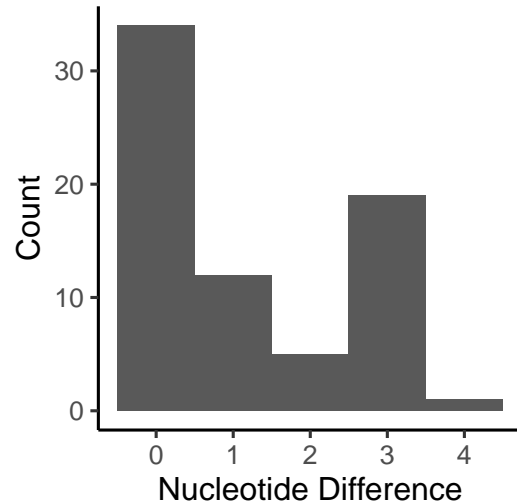
TRBV9*bp01

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



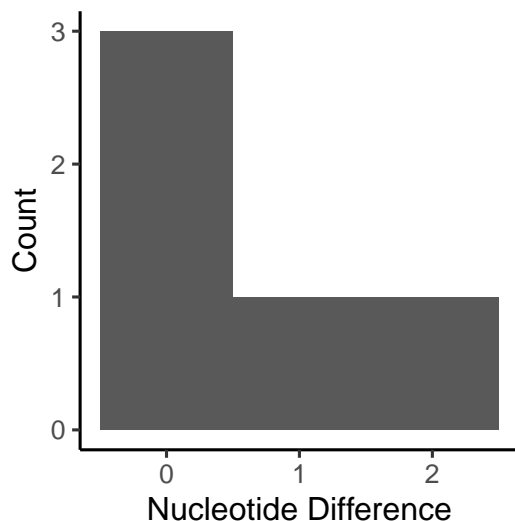
TRBV11-2*bp01

71 sequences assigned
34 (47.9%) exact matches, in which:
25 unique CDR3
9 unique J



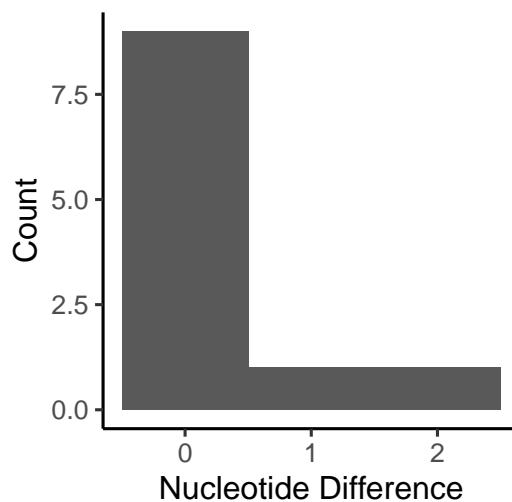
TRBV11–3*bp01

5 sequences assigned
3 (60%) exact matches, in which:
3 unique CDR3
2 unique J



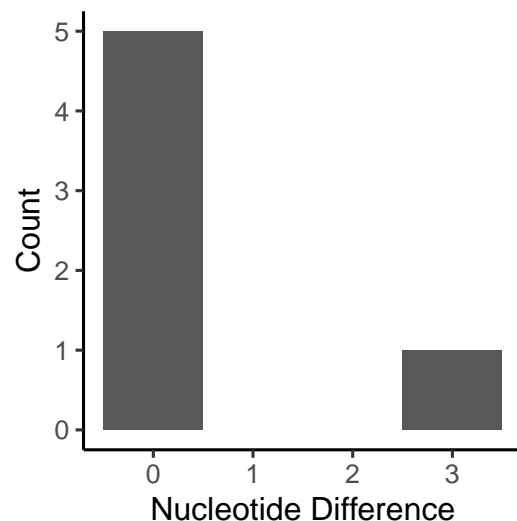
TRBV4–1*bp01

11 sequences assigned
9 (81.8%) exact matches, in which:
8 unique CDR3
4 unique J



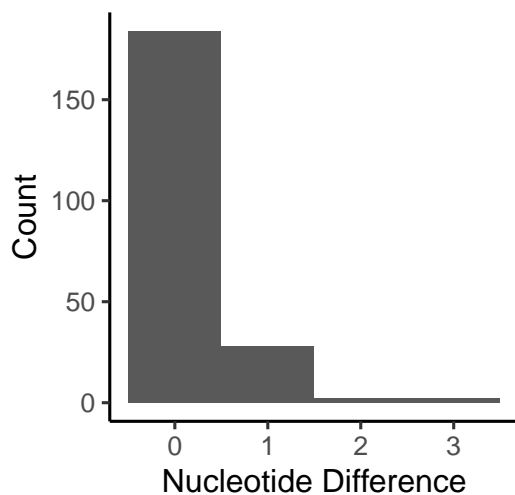
TRBV25–1*bp01

6 sequences assigned
5 (83.3%) exact matches, in which:
4 unique CDR3
3 unique J



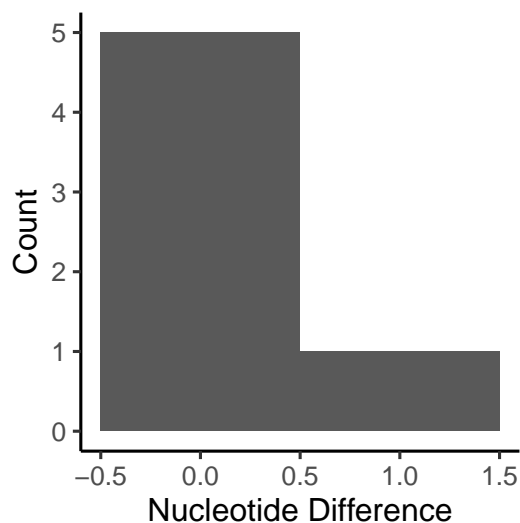
TRBV12–34*bp01

216 sequences assigned
184 (85.2%) exact matches, in which:
89 unique CDR3
14 unique J



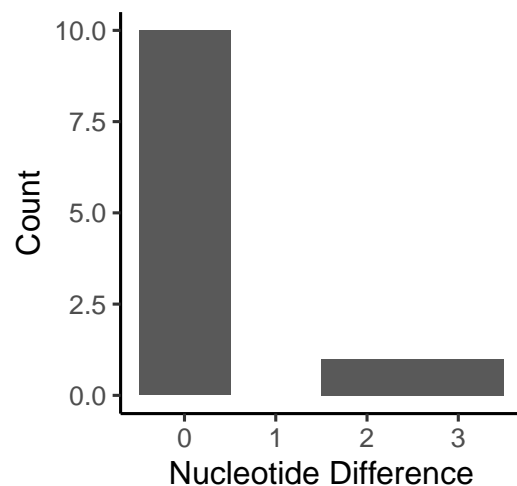
TRBV4–2*bp01

6 sequences assigned
5 (83.3%) exact matches, in which:
5 unique CDR3
3 unique J



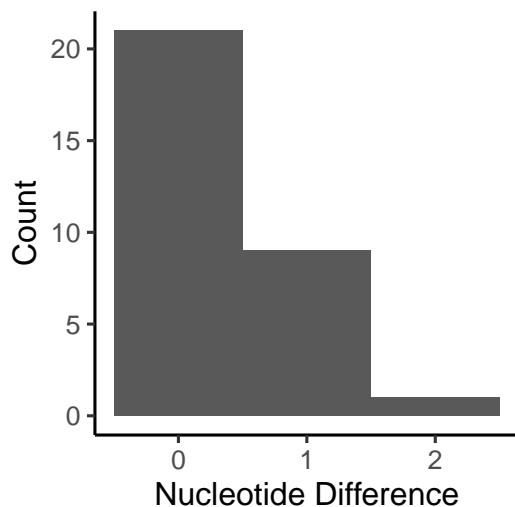
TRBV5–3*bp01

12 sequences assigned
10 (83.3%) exact matches, in which:
8 unique CDR3
6 unique J



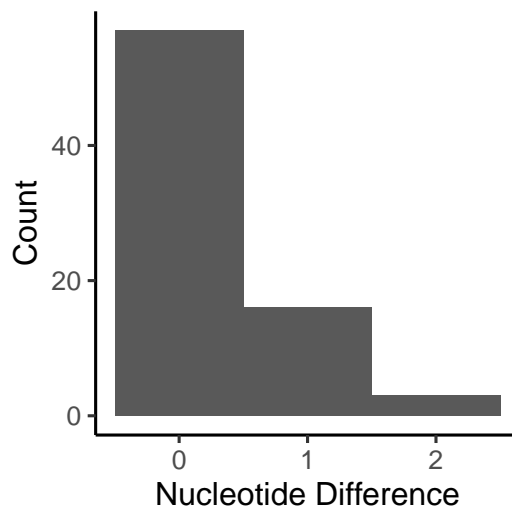
TRBV24–1*bp01

31 sequences assigned
21 (67.7%) exact matches, in which:
14 unique CDR3
7 unique J



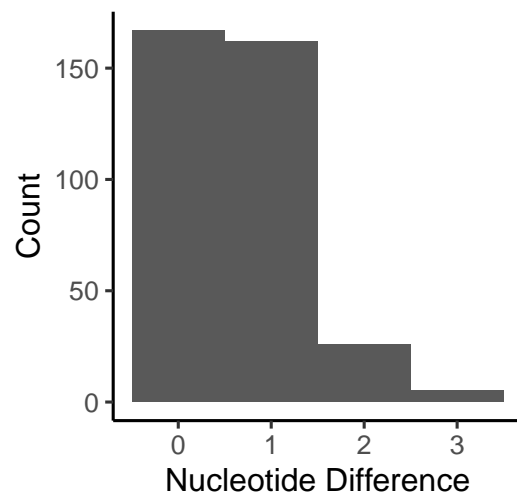
TRBV5–1*bp01

76 sequences assigned
57 (75%) exact matches, in which:
36 unique CDR3
9 unique J



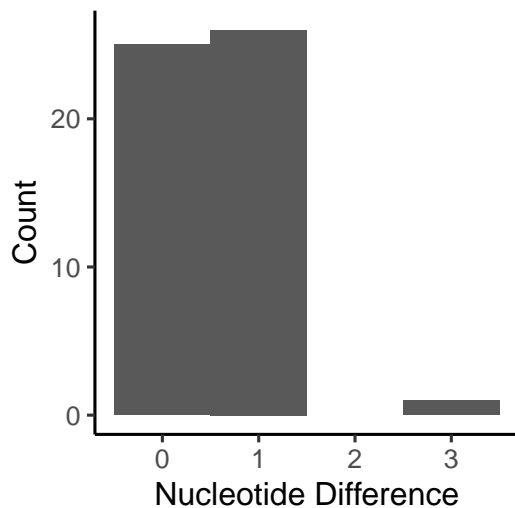
TRBV5–4*bp01

360 sequences assigned
167 (46.4%) exact matches, in which:
87 unique CDR3
11 unique J



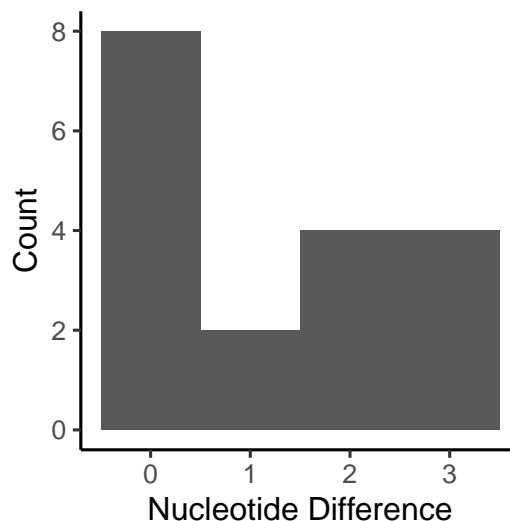
TRBV5-5*bp01

52 sequences assigned
25 (48.1%) exact matches, in which:
14 unique CDR3
6 unique J



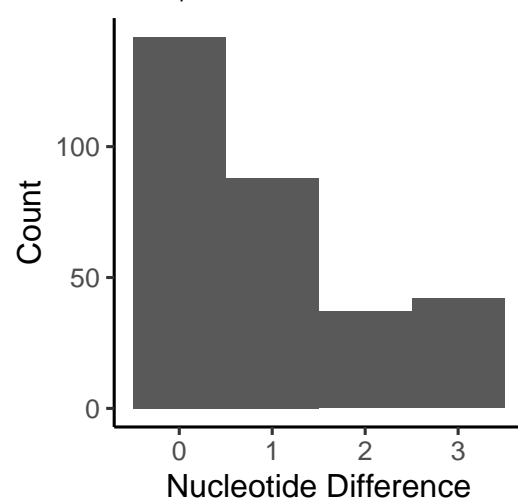
TRBV5-8*bp01

18 sequences assigned
8 (44.4%) exact matches, in which:
5 unique CDR3
4 unique J



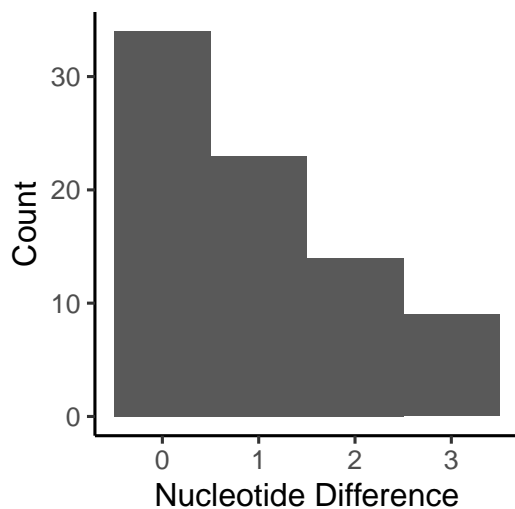
TRBV6-5*bp01

309 sequences assigned
142 (46%) exact matches, in which:
105 unique CDR3
11 unique J



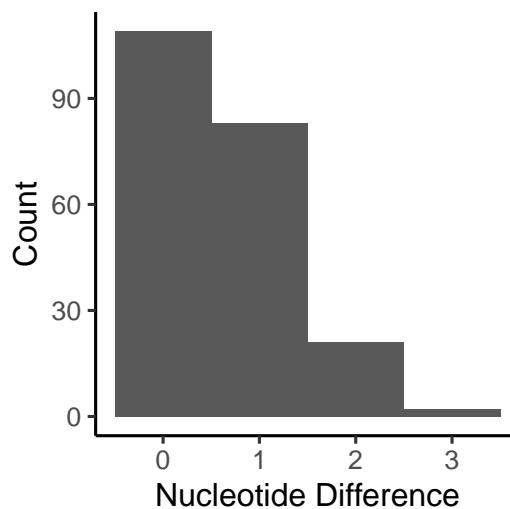
TRBV5-6*bp01

80 sequences assigned
34 (42.5%) exact matches, in which:
18 unique CDR3
7 unique J



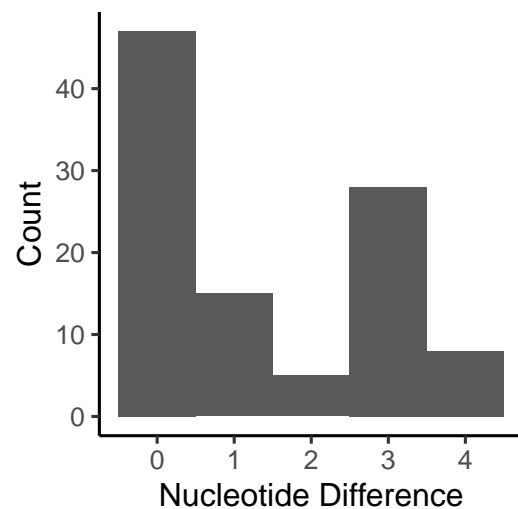
TRBV6-1*bp01

215 sequences assigned
109 (50.7%) exact matches, in which:
80 unique CDR3
13 unique J



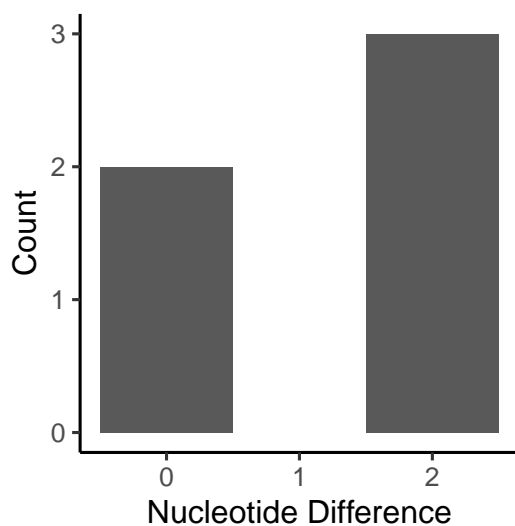
TRBV6-6*bp01

103 sequences assigned
47 (45.6%) exact matches, in which:
37 unique CDR3
9 unique J



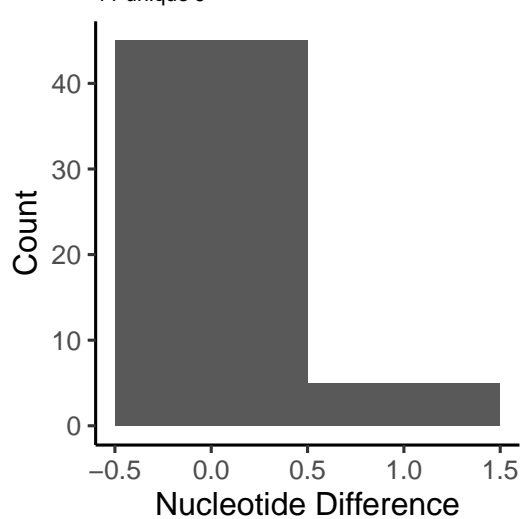
TRBV5-7*bp01

5 sequences assigned
2 (40%) exact matches, in which:
2 unique CDR3
1 unique J



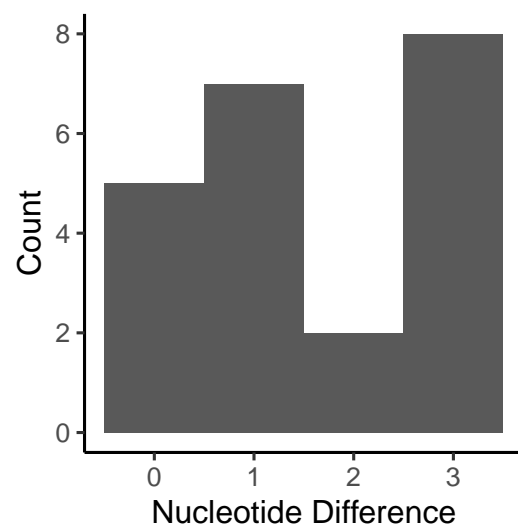
TRBV6-4*bp01

50 sequences assigned
45 (90%) exact matches, in which:
28 unique CDR3
11 unique J



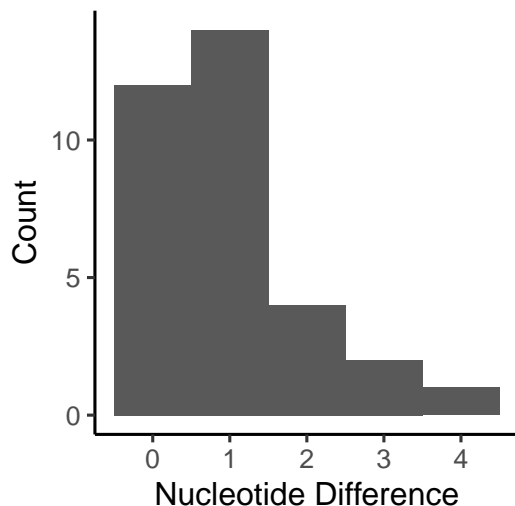
TRBV6-8*bp01

22 sequences assigned
5 (22.7%) exact matches, in which:
4 unique CDR3
3 unique J



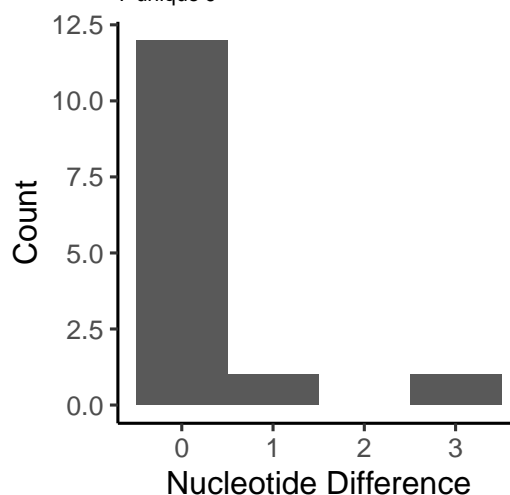
TRBV6–9*bp01

33 sequences assigned
12 (36.4%) exact matches, in which:
10 unique CDR3
6 unique J



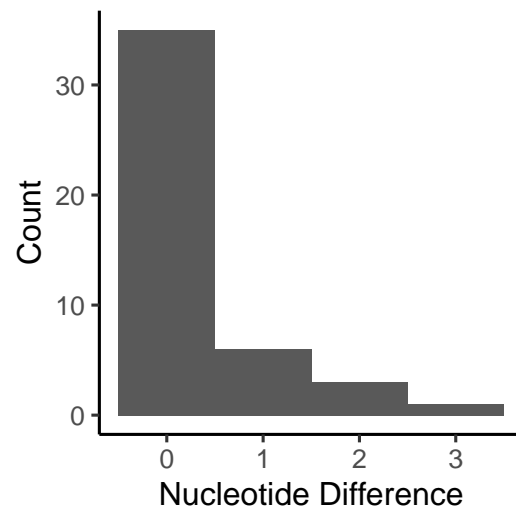
TRBV7–3*bp01

14 sequences assigned
12 (85.7%) exact matches, in which:
10 unique CDR3
7 unique J



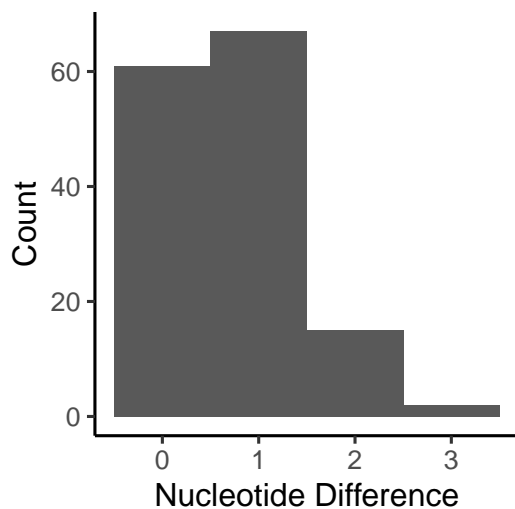
TRBV7–9*bp01

45 sequences assigned
35 (77.8%) exact matches, in which:
24 unique CDR3
11 unique J



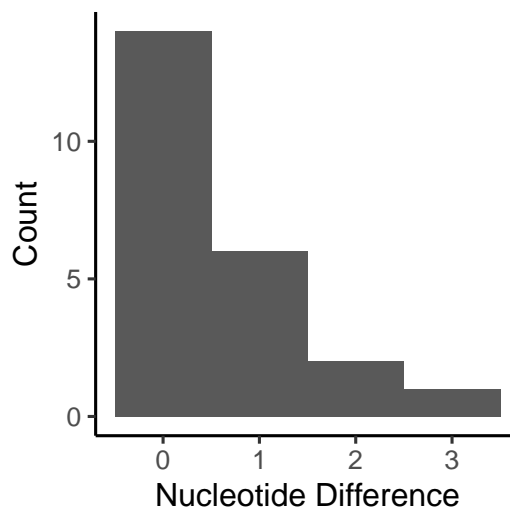
TRBV6–23*bp01

145 sequences assigned
61 (42.1%) exact matches, in which:
47 unique CDR3
10 unique J



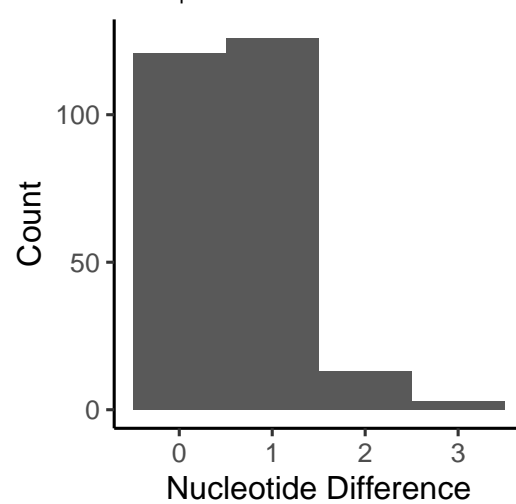
TRBV7–4*bp01

23 sequences assigned
14 (60.9%) exact matches, in which:
10 unique CDR3
4 unique J



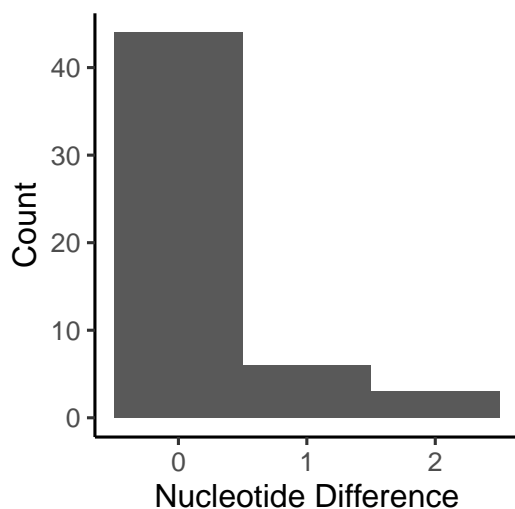
TRBV29–1*bp01

263 sequences assigned
121 (46%) exact matches, in which:
76 unique CDR3
11 unique J



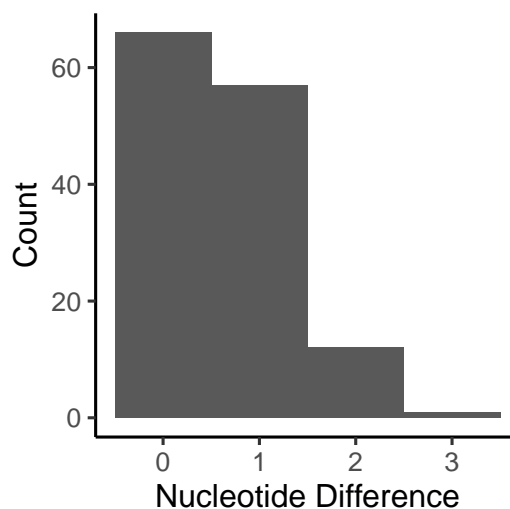
TRBV7–2*bp02

53 sequences assigned
44 (83%) exact matches, in which:
25 unique CDR3
8 unique J



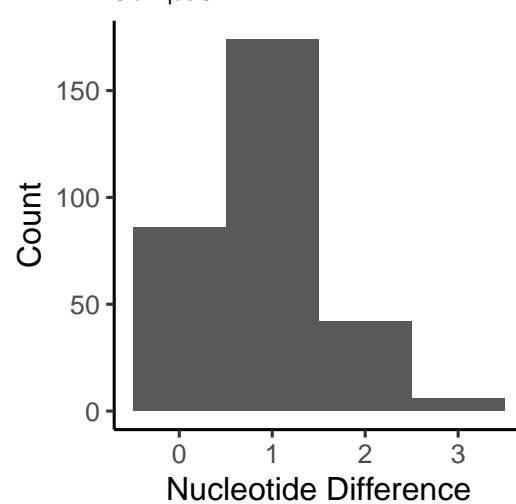
TRBV7–6*bp01

136 sequences assigned
66 (48.5%) exact matches, in which:
32 unique CDR3
7 unique J

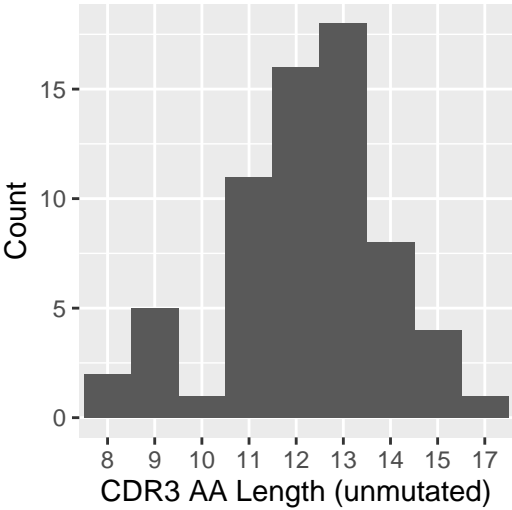


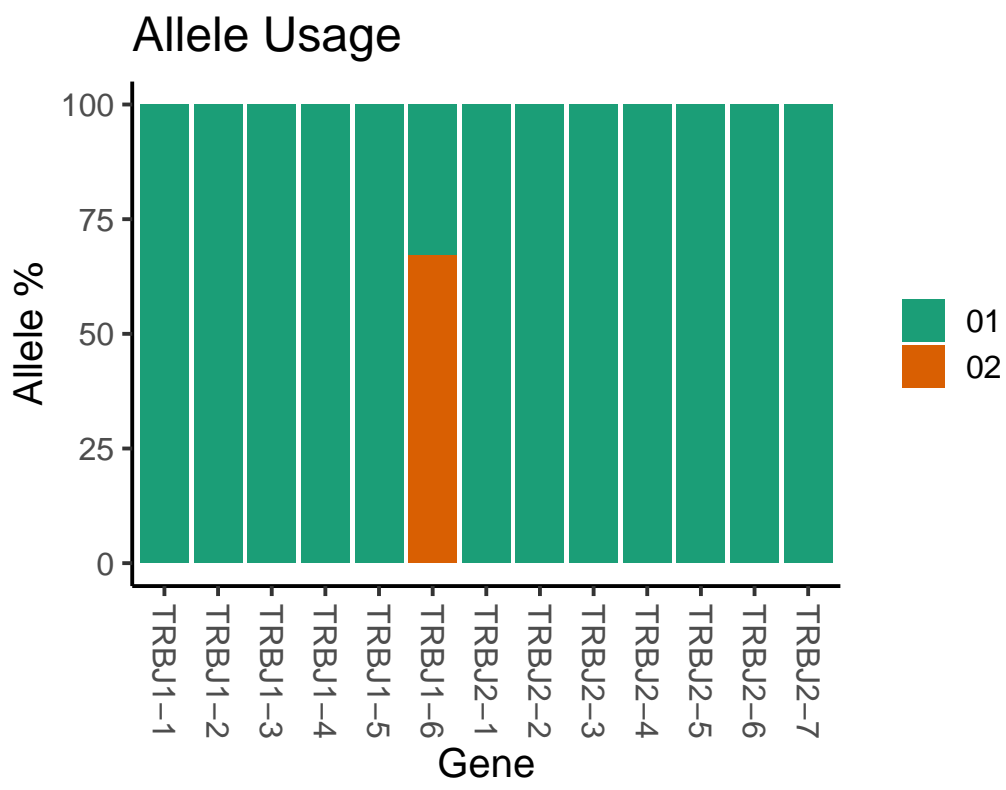
TRBV29–1*bp03

308 sequences assigned
86 (27.9%) exact matches, in which:
55 unique CDR3
6 unique J



TRBV20-1*bp04_322GA323





Sequence Count by TRBJ1–6 allele usage

