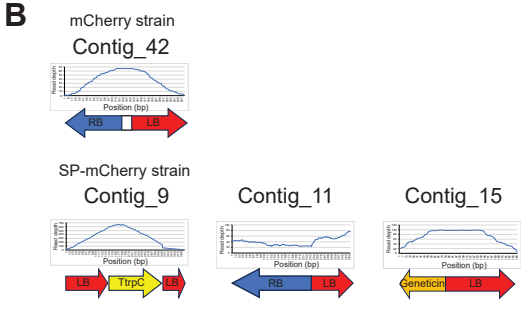
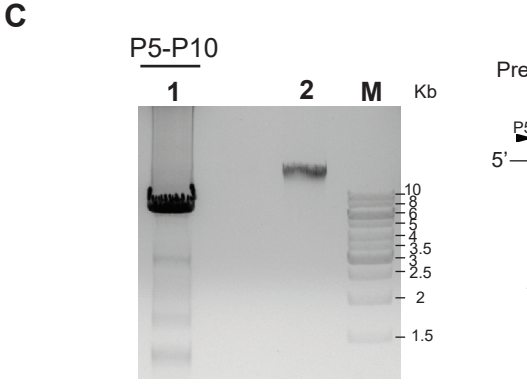
A
PH-1 genome Chromosome 1
PH-1
Read depth
Aligned reads
Gene Annotations
FGRAMPH1_01T04869
FGRAMPH1_01T07915
PH-1 genome Chromosome 2
PH-1 genome Chromosome 3
PH-1 genome Chromosome 4


B
mCherry strain
Contig_42
RB
LB
SP-mCherry strain
Contig_9
Contig_11
Contig_15
TtrpC
Geneticin


C
P5-P10
1
2
M
Kb
10
8
6
5
4
3.5
3
2.5
2
1.5
Predicted tandem insertion in the mCherry strain
P5
10768 bp
P10
5'
LB
mCherry
RB
LB
mCherry
RB
3'
Contig_42
1 DNA template with primers
2 DNA template without primers
M Marker