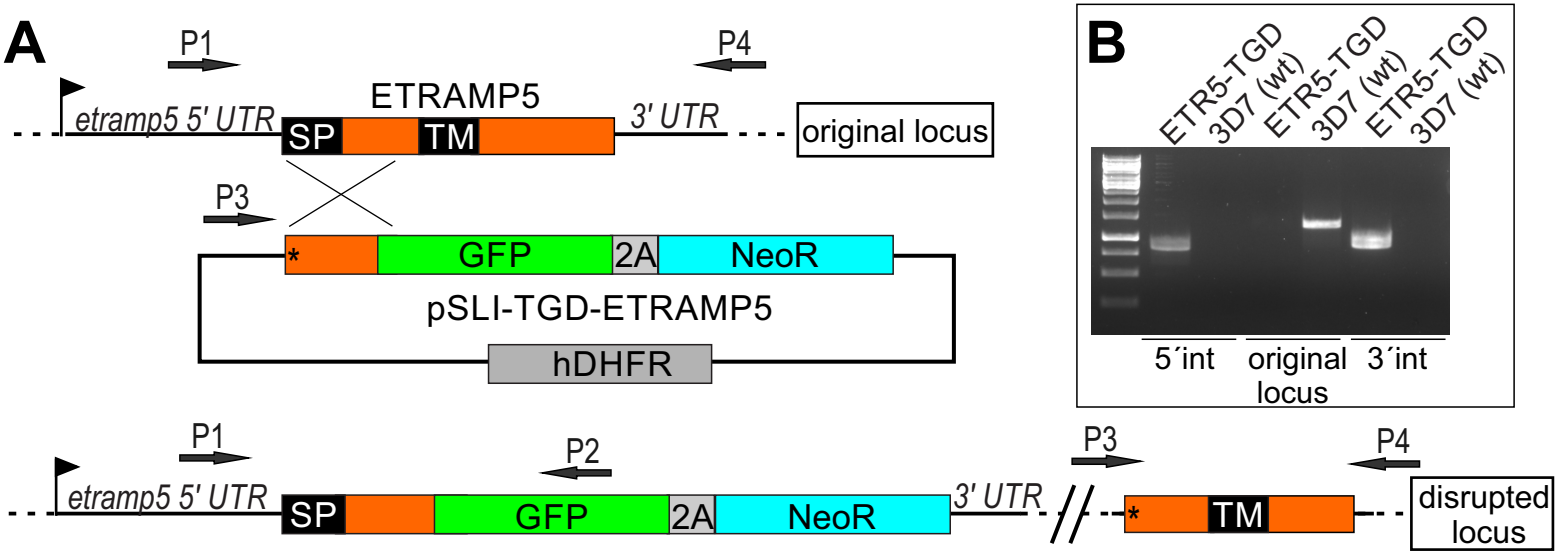
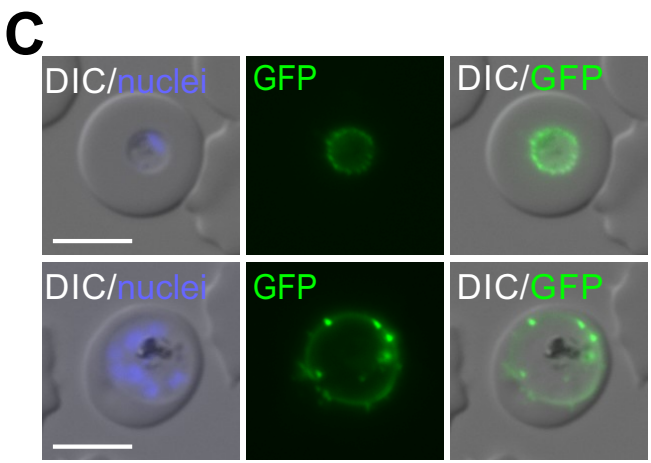
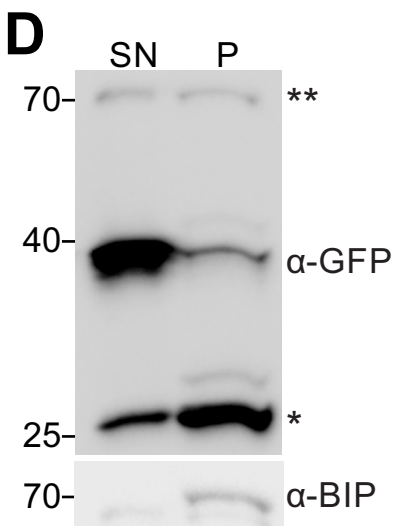
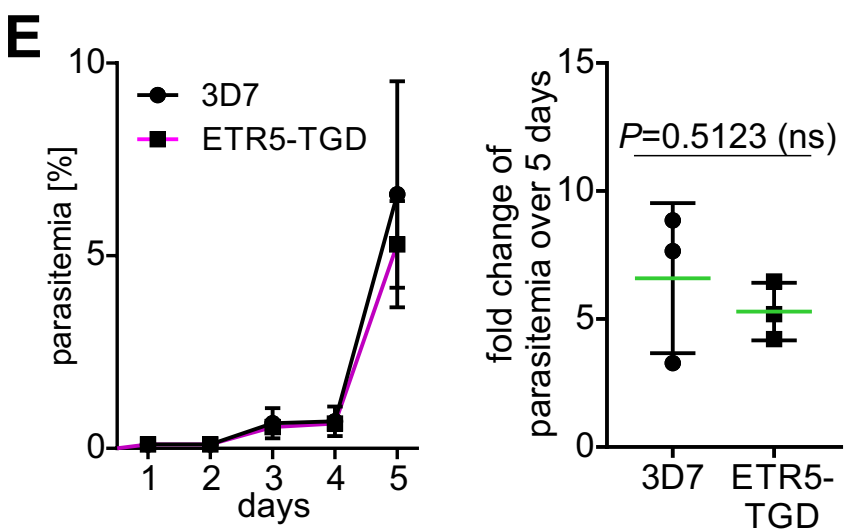

A
P1
P4
ETRAMP5
etramp5 5' UTR
SP
TM
3' UTR
original locus
P3
*
GFP
2A
NeoR
pSLI-TGD-ETRAMP5
hDHFR
B
ETR5-TGD
3D7 (wt)
ETR5-TGD
3D7 (wt)
ETR5-TGD
3D7 (wt)
5´int
original locus
3´int
P1
P2
P3
P4
etramp5 5' UTR
SP
GFP
2A
NeoR
3' UTR
*
TM
disrupted locus


C
DIC/nuclei
GFP
DIC/GFP
DIC/nuclei
GFP
DIC/GFP


D
SN
P
70
40
25
70
**
α-GFP
*
α-BIP


E
10
5
0
parasitemia [%]
3D7
ETR5-TGD
1
2
3
4
5
days
15
10
5
0
fold change of parasitemia over 5 days
P=0.5123 (ns)
3D7
ETR5-TGD