

TET-inducible System and Organelles (*Toxoplasma* microneme)

Salama and Tijani

The Tet system for ASP3 gene knock down

TgUNC genomic locus
 Δ KU80 strain



iKD promoter
PCR product



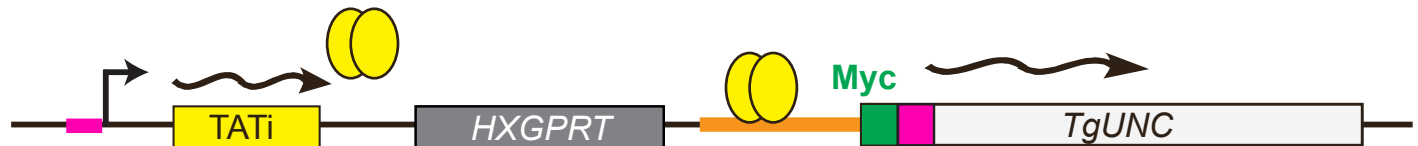
Cas9-YFP



+ CRISPR-Cas9-YFP
UNC-gRNA

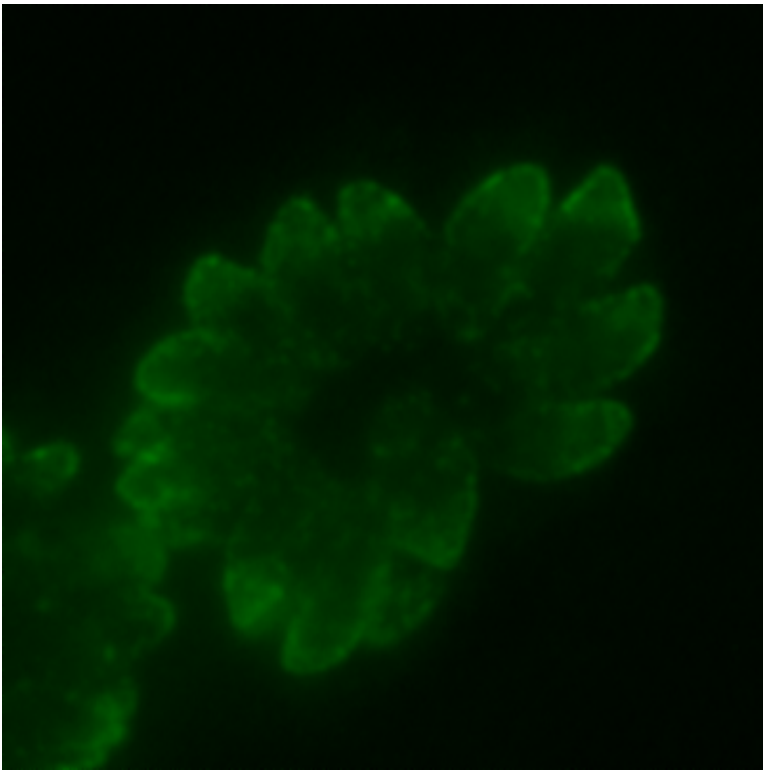


MycUNC-iKD
recombinant locus

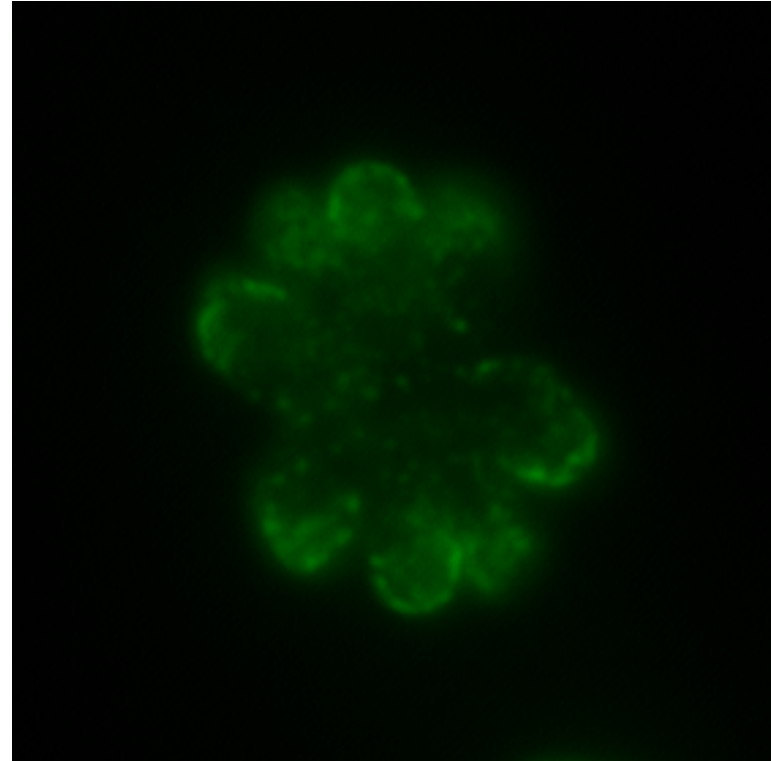


Micronemes development not affected by ASP3 knock down

-ATc



+ATc



THANK YOU