

PTRC-EYFP CONSTRUCT

[Pakrasi, Himadri](#)

[Gill, John](#)

T-018769

This self-replicating plasmid is a derivative of pPMQAK1-BBa_P1010 and contains an expression-enhanced YFP gene under the control of an inducible Trc promoter. This plasmid was used to demonstrate that transgenic DNA could be introduced to *Synechococcus* UTEX 2973 cyanobacteria cells using conjugation through tri-parental mating.

Publication: [*Synechococcus elongatus* UTEX 2973, a fast growing cyanobacterial chassis for biosynthesis using light and CO₂](#)