

***Pseudomonas fluorescens*: identification of Fur-regulated proteins and evaluation of their contribution to pathogenesis**

Li Liu, Heng Chi, Li Sun*

*Corresponding author: lsun@qdio.ac.cn

Diseases of Aquatic Organisms 115: 67–80 (2015)

Supplement.

Table S1. Primers used for qRT-PCR.

Primer	Sequences (5'→3')	Gene name
AcaRT-F	ACCAGAGCGAAGCGATTGC	Acetyl-CoA carboxylase subunit alpha
AcaRT-R	CCAGAACCACCTTCACCGATC	
AdRT-F	CACAACCTGCTCACCGACATC	Arginine deiminase
AdRT-R	CAGCCACGAACCGACTTCATC	
AtRT-F	TGGTGGCGGGCGATGAC	ABC transporter
AtRT-R	GATGGTGTGGAGGAGCAGAAG	
ClpPRT-F	CAAGGAGCGAGTGATCTTTCTGG	ATP-dependent Clp protease proteolytic subunit
ClpPRT-R	GGCGAGTTGATGTAGAGATGGATG	
DipRT-F	CGGTGACGACTATGCCAAGC	Dipeptidase
DipRT-R	CGGAGGAGTGAGCGGATAACG	
FlaRT-F	CGCCAACGCCAACGAGAC	Flagellin
FlaRT-R	GTAGCAGCCAAGCCTGTCATC	
GbgRT-F	AGCCGTCCAAGGTCCTCAAC	Glucan biosynthesis protein G
GbgRT-R	CCAGATCCACTCGCCATTGC	
GsRT-F	CTGGTGAAGAAGGCTGACGAAG	Glutamine synthetase
GsRT-R	GCGGCTTAGGCATGAAGGTAG	
HpRT-F	CCTGCTACTCAACTGCGACATC	Hypothetical protein
HpRT-R	GCAATCAATGAACGGCATGACTTC	
IcdRT-F	CAAGCACCCGCACAAGATGG	Isocitrate dehydrogenase
IcdRT-R	CCGTAGAAGTCGCCGTTGTTC	
IclRT-F	AAGTGGCAGCGGACAACAAC	Isocitratelase
IclRT-R	GGCAGACGGAACGAGTTG	
KarRT-F	CGTTCTGTGCGGCGGTAC	Ketol-acid reductoisomerase
KarRT-R	TCAGTTCGTGCAGGCATTCC	
L25RT-F	CGTCACCCCTCCAAGCAGTTC	50S ribosomal protein L25
L25RT-R	AGGCACGATGGCGGTCAG	
NupRT-F	AAGTGGACAACCTGCTCAAGTATG	Purine nucleoside permease, NUP family/hypothetical protein
NupRT-R	ACGCCGACCAGTTCTTAACAATC	
OprERT-F	TACCTGTACGGCGGCTACC	Outer membrane porin OprE3
OprERT-R	GAAGTCGACCAGTAGGAGTTG	
SodRT-F	GCCTTGCCCTACGCCTACG	Superoxide dismutase
SodRT-R	CTGGTGGTGCTTGGTGTAGTG	
StpRT-F	AAGGCAGCAGCAACCAGTTG	Sugar ABC transporter substrate-binding protein/putative iron-binding periplasmic protein
StpRT-R	GGCGGTGATTCTTCGGTGTAG	
TssPRT-F	GCGCCGCGGAAGTGATC	EvpB family type VI secretion protein
TssPRT-R	CGATACCAAACGCAACGACAC	
UhRT-F	CGCCTGCTCGCTGAATATCG	Urocanatehydratase
UhRT-R	GCCTTGCCCTTCCTTGGTGTAC	
XthRT-F	TGGATGGCACGCTTGAAGAAC	Exodeoxyribonuclease III
XthRT-R	CCACGGCTGCGGTAATCG	

Figure S1. Growth profiles of *Pseudomonas fluorescens* TSS Δ oprF, TSS Δ oprFC, and TSS. *P. fluorescens* TSS Δ oprF, TSS Δ oprFC, and TSS were cultured in LB medium, and cell density was determined at various time points by measuring absorbance at OD₆₀₀. Data are the means of three independent assays and presented as means \pm SEM.

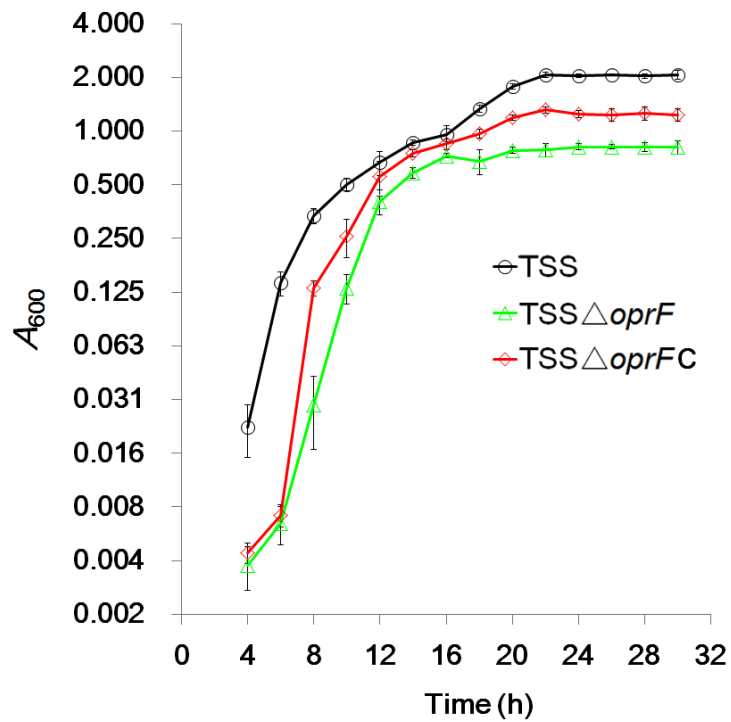


Figure S2. SDS-PAGE analysis of purified recombinant protein. Purified rOprF (lane 2) was analyzed by SDS-PAGE and viewed after staining with Coomassie brilliant blue R-250. Lane 1, protein markers.

