Figure S1.

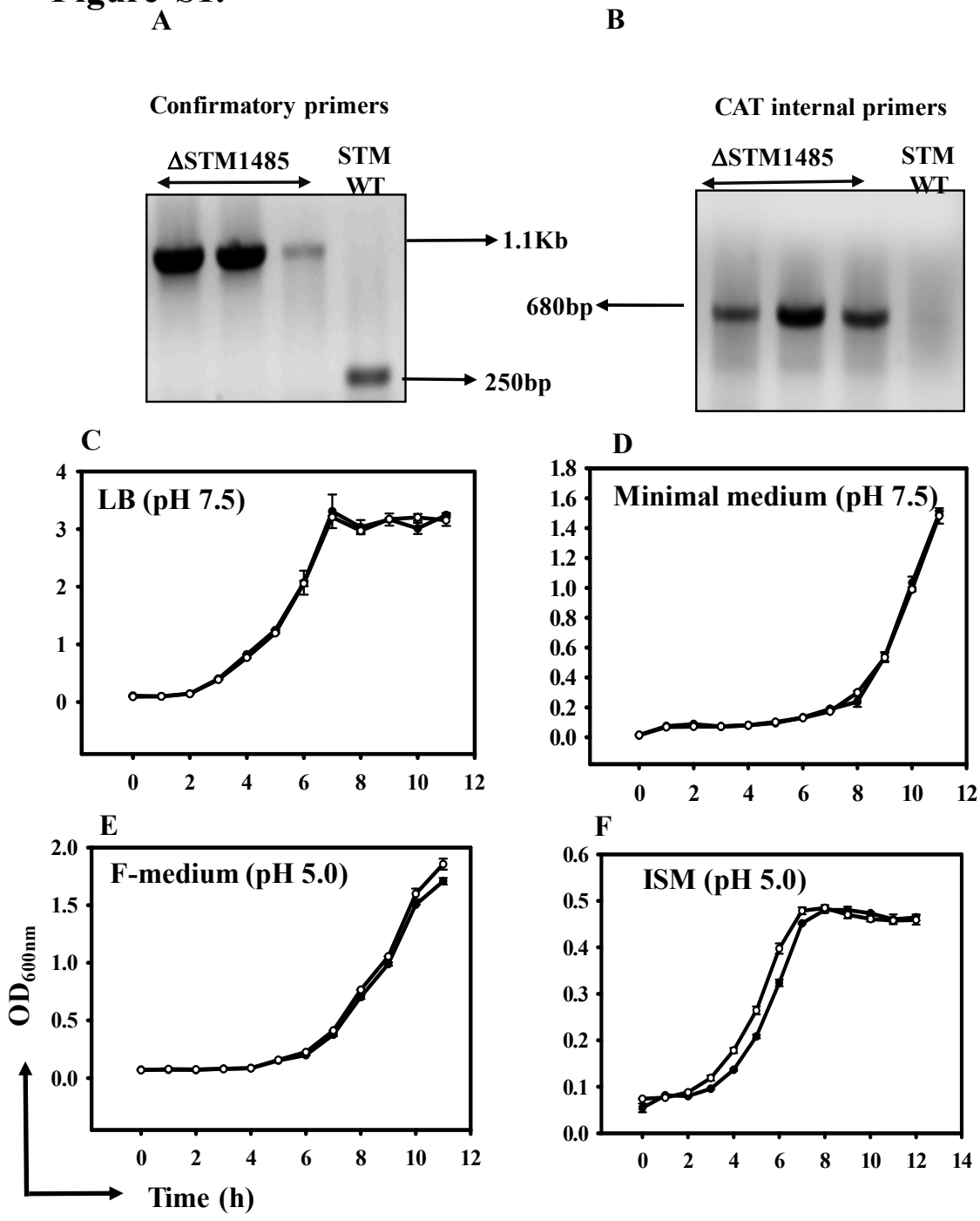
A
B
Confirmatory primers
CAT internal primers
ΔSTM1485
STM WT
ΔSTM1485
STM WT
1.1Kb
680bp
250bp
C
LB (pH 7.5)
D
Minimal medium (pH 7.5)
E
F-medium (pH 5.0)
F
ISM (pH 5.0)
OD600nm
Time (h)

Figure S1.

Generation of ΔSTM1485 strain and Growth kinetics in different media.

ΔSTM1485 strain was generated by one step deletion strategy, confirmed by confirmatory primers (A) and by CAT internal primers (B), Growth kinetics was done in LB at pH 7.5 (C), in minimal media at pH 7.5 (D), F-media at pH 5.0 (E) and ISM media at pH 5.0 (F). Growth was monitored as described in materials and methods. Data is representative of two independent experiments. Filled circles, WT; Open circles, ΔSTM1485. Bar indicates standard error.

Table S1. Primers used in this study

STM1485 deletion	For:5′atgaaaaaagtattagctctggttgttgccgctgcaatggtgtaggctggagctgcttcg3′ Rev:5′ttacgcagccggttgagtagttggttttgacgtggttttgcatatgaatatcctcctta3′
STM1485 deletion confirmation	For: 5′aaccaaatcgagggtatc 3′ Rev:5′gccgcagcatgttacgac 3′
STM1485 cloning	For: 5′atgtggatccgaaaaaaagtattagctctg 3′ Rev:5′tgacaagcttttacgcagccggttgagt3′
CAT gene (pKD3) internal primer	5′cagaccgttcagctggat3′ (used as reverse primer)
16S rRNA for RT-PCR	Forward: 5′gatcatggctcagattgaacgctggcgg3′ Reverse: 5′caccgctacacctggaattctacccccctc3′
STM1485:: 6xHis knock in	Forward:5'accaactactcaaccggctgcgcatcatcaccatcaccactaacatatgaatatcctccttag3' Reverse:5'atacagcaatggttttatgcatgtgtaggctggagctgcttc3'
spiC RT-PCR	Forward: 5′atgtctgaggagggattcat3′ Reverse: 5′taccccacccgaataaagt3′
sseJ cloning primers	Forward:5'agcgaattcgcactttagcaataatagtcg3' Reverse: 5'gcg ggatccttagtgatggtggtgatggtgttcagtggaataatgatgag3'
Kan gene (pKD4) internal primer	Forward:5'cggtgccctgaatgaactgc3'