

# Slower Growth and Increased Biofilm Formation of *Escherichia coli* K-12 stringent response mutant, $\Delta relA/spoT$ , under Isoleucine Starvation

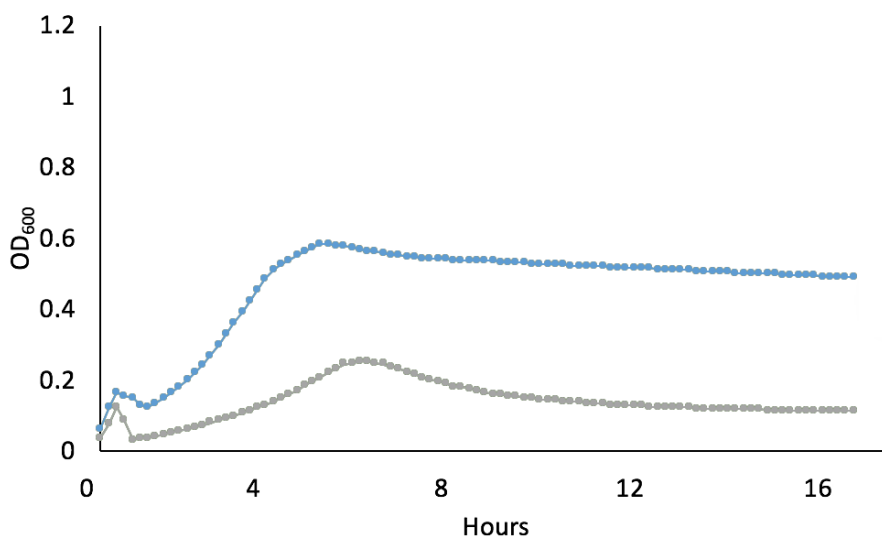
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## SUPPLEMENTAL MATERIAL

- A**  
JKLL12W-1 ( $\Delta relA$ )     **AGT**GACATATCAATAAGGCTGGTGAATTTGATCCGGAAAAATGGATCGC  
AAGTCTGGGTATTACCA
- B**  
JKLL12W-2 ( $\Delta relA$ )     TAGGGACCAGACCTGCCGAAATCGGCAAATCGCAA**CTA**TTTAAACGCGCGA  
GAAAAGTACCATCGATTCCAGANGTCCCGTGTGTGGGAACAT
- C**  
JKLL12W-2 ( $\Delta spoT$ )     TAAGGAGGATATTCATATGGACCATGGCTAATTTCCCATGTCACCCGAAAC  
CGAAATTAATGTTTT**ATGA**AACCCAACACGTTATGCACGCATCTGCGAAAT
- D**  
JW4279-1 ( $\Delta fimC$  ; kan<sup>S</sup>)     GATGGCGCAGGGGATCAAGATCTGATCAAGAGACAGG**ATC**AGGATCGTTT  
CGCATGATTGAACAAGATGGATTGCACGCAGGTTCTCGTTCTC

F  
i  
r  
t  
h  
b  
s



**FIG. S2 Growth profile of BW25113 (blue) and JKLLW1-2 (grey) in 400  $\mu$ M L-Ile.**