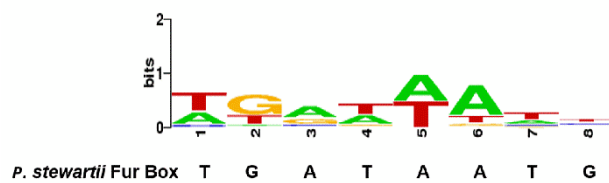
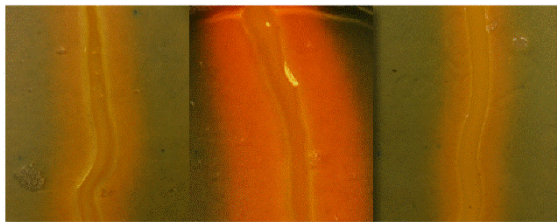


Supplemental Figure S1. Fur box sequence upstream of *iucA*. Virtual footprint analysis of the *P. stewartii* Fur binding sequence. Letters represent position weight matrix based on *E. coli* K-12 consensus sequence for Fur binding. The Y-axis represents relative nucleotide probability and the X-axis represents nucleotide position. *P. stewartii* Fur box sequence is located at -80bp of *iucA* and has a probability score of 2.21 (max score = 2.45).



Supplemental Figure S2. *Δfur* overproduces siderophores on CAS medium. Production of siderophores was detected using colorimetric CAS agar plates (1). For each strain, inoculum was taken from a single colony grown on nutrient agar and streaked down the middle of the CAS plates and incubated for ten days at 28°C. The zone of color change was photographed for representative plates.



DC283

Δfur

Δfur/fur+

LITERATURE CITED

1. **Louden BC, Haarmann D, Lynne A.** 2011. Use of blue agar CAS assay for siderophore detection. *J. Microbiol. Biol. Educ.* **12:51-53.**