Supplemental Fig S4



230 bp PosmY RBS ATG MCherry dD RBS ATG mCherry Py 8×10⁶ 286 b 1×10⁶ 6×10⁶ OD600 OD600 RFU 고 4×10⁶ 0.1 5×10⁵ 2×10⁶ 0 $\Delta crl \Delta iraP$ 0 0.01 0.01 500 1000 WТ 0 500 1000 time (min) time (min) ∆rpoS 26 bp PosmE RBS ATG MCherry ∆crl 14 b Pga dB RBS ATG mCherry ∆iraP 2.0×10⁸ 148 201 bp 6×10 OD600 ۸ 1.5×10⁸ 4×10⁷ OD600 **OD600** RFU 고 높 1.0×10⁸ 0.1 0.1 2×10⁷ 5.0×10⁷ 0.01 0.0 0.01 0 500 1000 Ó 500 1000 0 Time (min) time (min) RpoS-dependent P*gadB*, P*yodD*, P*osmY*, Po*smE* D PrssB PosmE PgadB PosmY PyodD С 70 ∆iraP ∆crl 5'UTR RBS ATG mCherry 0 PrssB PosmE PgadB PosmY 100 73 ∆iraP 770 RFU fold / WT ₽<u></u> PyodD PrssB 50 osmE ∆crl PgadB ⊃osmY PvodD PrssB PosmE PgadB PosmY PyodD 0 1 ∆rpoS •19 Dri 0 ŝ 0,0 ,6⁰ % RFU / WT E 1×10⁶ F P*rssAB* = P1 **OD600** ĺ[RFU mCherry rssA *rssB* WT/pPgadB 3×10⁵ 1 WT PgadB-mCherry 5×10⁵ OD600 **OD600** RFU WΤ 2×10⁵ ∆*rpoS*/pPgadB Δ ∆crl 0.1 ∆rpoS PgadB-mCherry 0 0.01 Т 1×10⁴ $\Delta rpoS$ 0 500 1000 Time (min)

0

0

T

500 Time (min) 0.01

1000