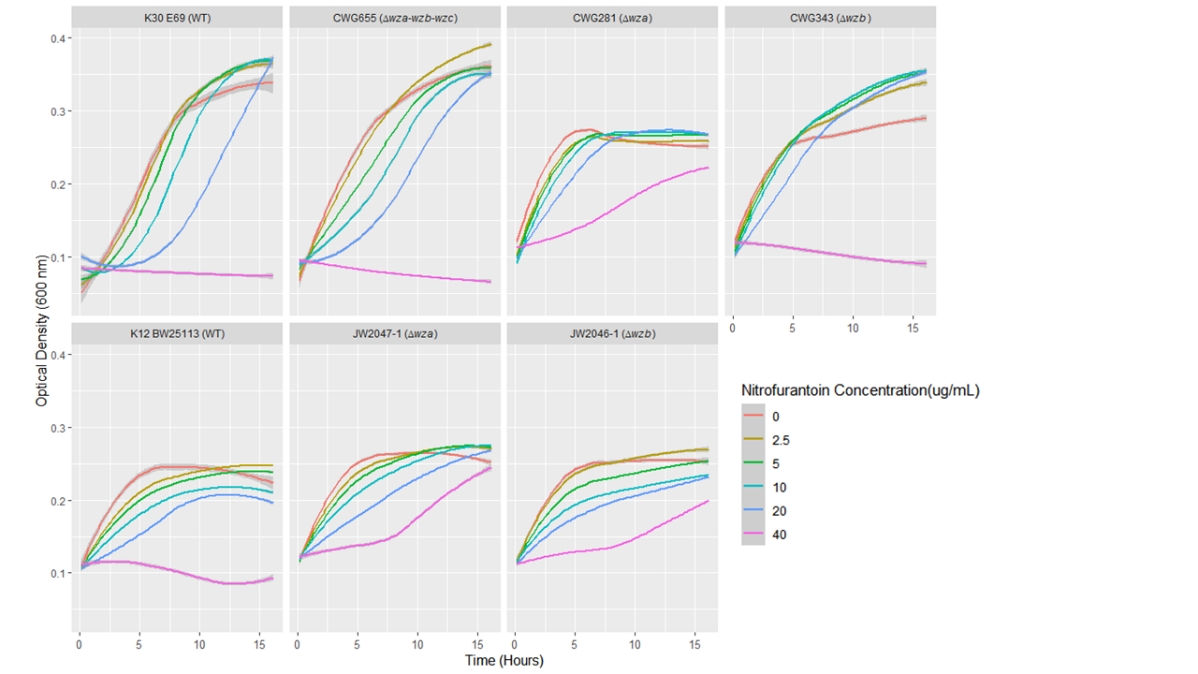


**Supplemental Figure 1. Confirmation of genotype via PCR and Gel Electrophoresis**

**A)** Photograph of 1st PCR run**.** M:MassRuler Express Forward DNA Ladder. WT: K30 E69 (WT) or K-12 BW25113. Δ*wzy:* K30 CWG655. Δ*wza:* K30 CWG281 or K-12 JW2047-1. Δ*wzb:* K30 CWG343 (Δ*wzb*) or K-12 JW2046-1 (Δ*wzb).* PC: pUC-19 as a positive PCR control. NC K30: K30 primers with no template as a negative control. NC K-12: K-12 primers with no template as a negative control. **B)** Photograph of second PCR run showing bands not seen in the first PCR.



**Supplemental Figure 2. Results of growth curve assay run 1**