Figure S2: Calculated cell cycle parameters for wild type and cells with a two fold increase in the DnaA concentration

A  Acetate medium at 30°C

Wild type

B 122 min   C 80 min   D 75 min

\[ \tau = 277 \text{ min} \]

2X DnaA

B 132 min   C 76 min   D 73 min

\[ \tau = 281 \text{ min} \]

B  Glucose medium at 30°C

Wild type

a  35 min   C 54 min

D 49 min

[ \tau = 71 \text{ min} ]

2X DnaA

a  41 min   C 61 min

D 41 min

[ \tau = 71 \text{ min} ]

C  GluCAA medium at 37°C

Wild type

a  5 min   C 50 min

D 29 min

[ \tau = 28 \text{ min} ]

2X DnaA

a  5 min   C 52 min

D 30 min

[ \tau = 29 \text{ min} ]