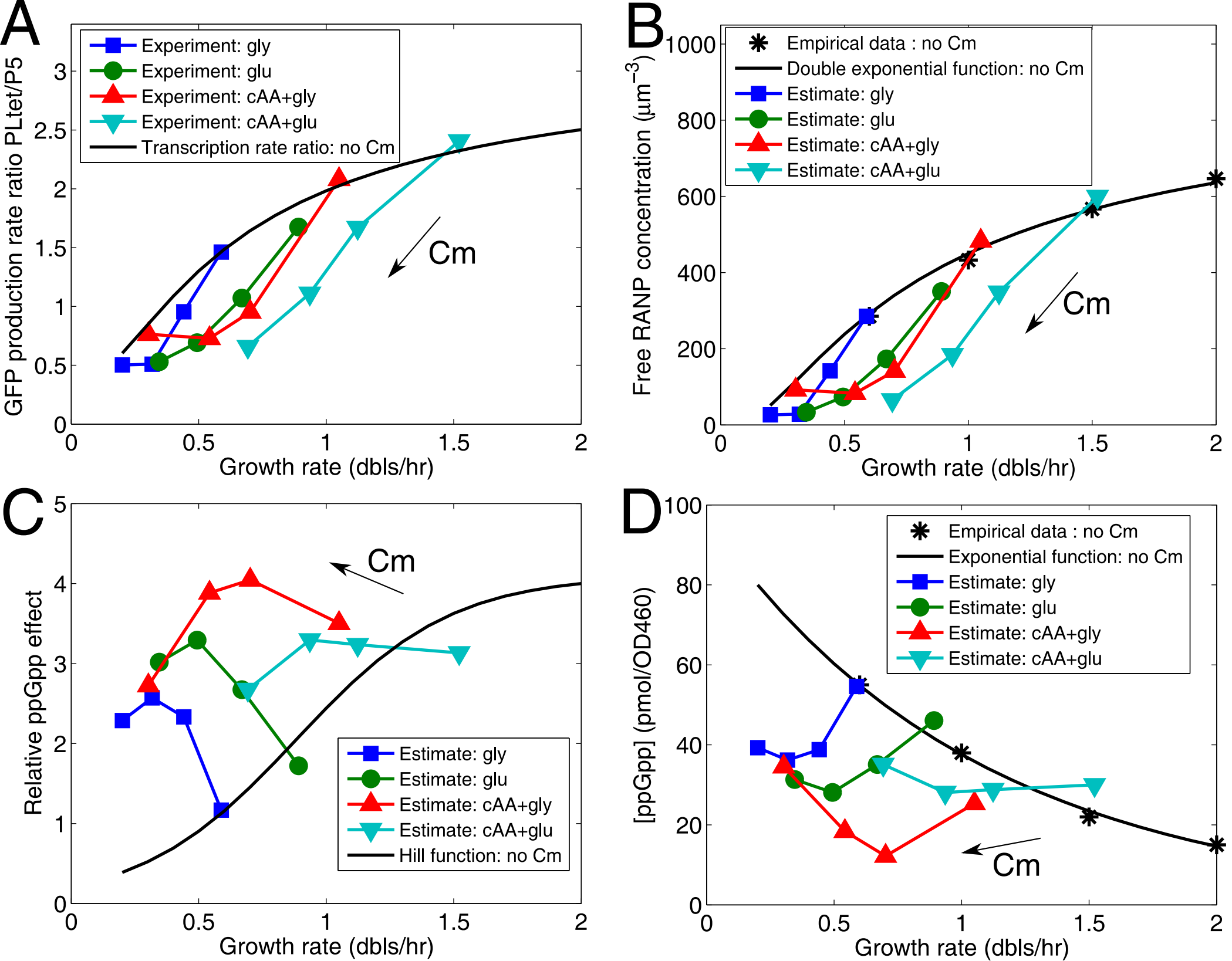
A
Experiment: gly
Experiment: glu
Experiment: cAA+gly
Experiment: cAA+glu
Transcription rate ratio: no Cm
Cm
GFP production rate ratio PLtet/P5
Growth rate (dbls/hr)
B
Empirical data : no Cm
Double exponential function: no Cm
Estimate: gly
Estimate: glu
Estimate: cAA+gly
Estimate: cAA+glu
Cm
Free RANP concentration (μm^{-3})
Growth rate (dbls/hr)
C
Cm
Estimate: gly
Estimate: glu
Estimate: cAA+gly
Estimate: cAA+glu
Hill function: no Cm
Relative ppGpp effect
Growth rate (dbls/hr)
D
Empirical data : no Cm
Exponential function: no Cm
Estimate: gly
Estimate: glu
Estimate: cAA+gly
Estimate: cAA+glu
Cm
[ppGpp] (pmol/OD460)
Growth rate (dbls/hr)