

Batch

- $\Delta\text{time}_{\text{adapt}}$
- $q_{s \text{ adapt}}$
- $q_{s \text{ max}}$
- q_p

Fed batch

q_s profile based on
 $\Delta\text{time}_{\text{adapt}}$ & $q_{s \text{ max}}$

quantification of
 $Y_{X/S}$; $Y_{CO2/S}$; q_p

set up feed profiles

strain characterization

