

## Data figure 5

FRET :

FRET\_EQ\_k.dat = average FRET for equilibrium [ATP]/[ADP] ratio in realization k (inset, blue)

FRET\_NE\_k.dat = average FRET for non equilibrium [ATP]/[ADP] ratio in realization k (inset, red)

Average\_FRET\_Efficiency.dat = experimental values (inset, black)

Rg :

Rg\_histogram\_equilibrium.dat = data for the histogram of Rg in equilibrium (main, blue)

Rg\_histogram\_non\_equilibrium.dat = data for the histogram of Rg in non equilibrium (main, red)