

Supplementary Information

In vitro synthesis of a Major Facilitator Transporter for specific active transport across Droplet Interface Bilayers

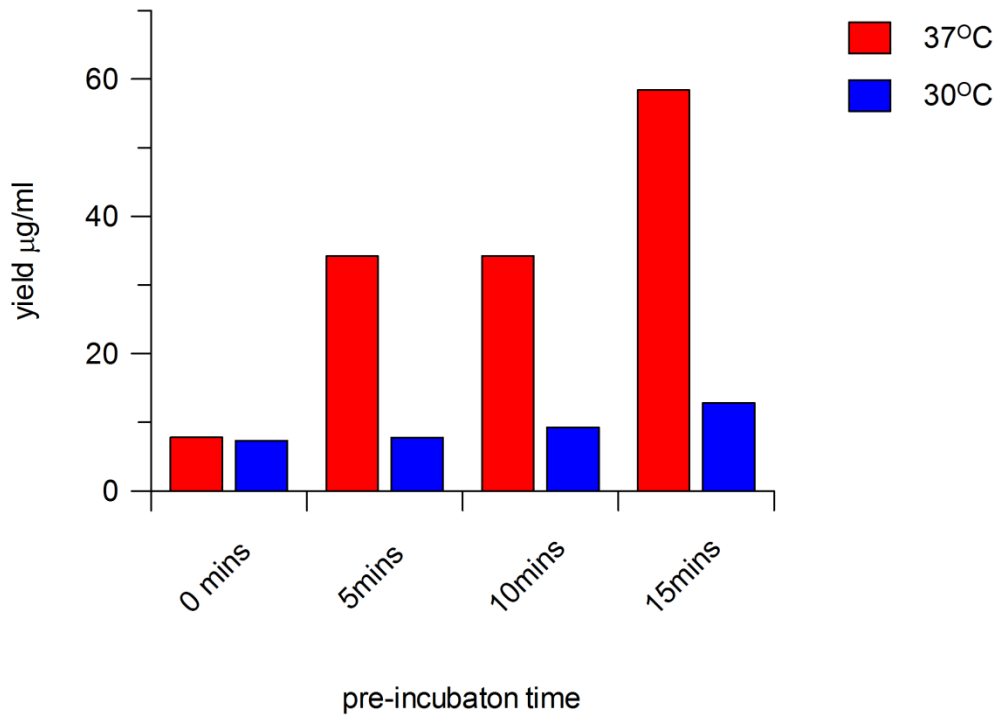
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Supplementary Figure 1: Cell-free expression of LacY in PURExpress. Cell-free reactions were assembled as described for *in vitro* synthesis in DIBs, but including ^{35}S -Met and incubated for a total of 2 hours. Reactions were given a pre-incubation step of 0, 5, 10 or 15mins at either 37°C or 30°C before transferring to 25°C for the remaining time. The total yield of protein was measured by the incorporation of the radioactive methionine, quantified using a scintillation counter. A 30°C incubation made little difference to the amount of protein produced, but even a short 5 min incubation at 37°C resulted in a 7 fold increase in yield.