



Supplementary Figure 1. The mRNAs extracted under different culture conditions

a: The mRNAs were extracted from the fermentation media (G+) after 72 hrs' cultivation. The fermentation media (G+) contained 80 g glucose l-1, 3 g yeast extract l-1, 1 g KH₂PO₄ l-1, 1 g Na₂HPO₄ • 12 H₂O l-1, 0.5 g MgSO₄ • 7H₂O l-1, 30 mL alkanes l-1. Alkanes included n-octane (C8), n-decane (C10), n-dodecane (C12), n-tetradecane (C14) and n-hexadecane (C16).

b: The mRNAs were extracted from the fermentation media which did not contain glucose (G-) after 72 hrs' cultivation. The fermentation media without glucose (G-) contained 3 g yeast extract l-1, 1 g KH₂PO₄ l-1, 1 g Na₂HPO₄ • 12 H₂O l-1, 0.5 g MgSO₄ • 7H₂O l-1, 30 mL alkanes l-1.

c: The mRNAs were extracted from the culture after 48 hrs' cultivation in fermentation media following 4 hrs' glucose starvation (G-) cultivation and following