

More than just a metabolic regulator - elucidation and validation of new targets of PdhR in *Escherichia coli*.

Göhler AK, Kökpınar Ö, Schmidt-Heck W, Geffers R, Guthke R, Rinas U, Schuster S, Jahreis K, Kaleta C (2011) More than just a metabolic regulator - elucidation and validation of new targets of PdhR in *Escherichia coli*. *BMC Syst Biol* 5, 197.

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Abstract

The pyruvate dehydrogenase regulator protein (PdhR) of *Escherichia coli* acts as a transcriptional regulator in a pyruvate dependent manner to control central metabolic fluxes. However, the complete PdhR regulon has not yet been uncovered. To achieve an extended understanding of its gene regulatory network, we combined large-scale network inference and experimental verification of results obtained by a systems biology approach.

Involved units

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