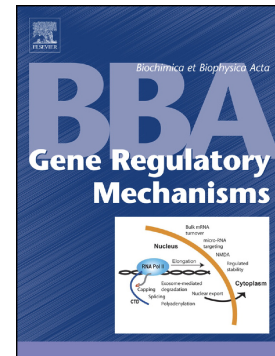


## Accepted Manuscript

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PII: S1874-9399(17)30353-X  
DOI: <https://doi.org/10.1016/j.bbagr.2018.01.021>  
Reference: BBAGRM 1227

To appear in:

Received date: 12 October 2017  
Revised date: 23 January 2018  
Accepted date: 29 January 2018

Please cite this article as: Wei-Wei Gao, Hei-Man Vincent Tang, Yun Cheng, Ching-Ping Chan, Chi-Ping Chan, Dong-Yan Jin, Suppression of gluconeogenic gene transcription by SIK1-induced ubiquitination and degradation of CRTC1. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Bbagrm(2018), <https://doi.org/10.1016/j.bbagr.2018.01.021>

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# Suppression of gluconeogenic gene transcription by SIK1-induced ubiquitination and degradation of CRTC1

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**ABBREVIATIONS:** AMPK, AMP-activated protein kinase; cAMP, cyclic adenosine monophosphate; CRE, cAMP response element; CREB, CRE-binding protein; CRTC, CREB-regulated transcription coactivator; G6Pase, glucose 6-phosphatase; GAPDH, glyceraldehyde-3-phosphate dehydrogenase; LTR, long terminal repeat; PEPCK phosphoenolpyruvate carboxykinase; PGC-1 $\alpha$ , peroxisome proliferator-activated receptor  $\gamma$  coactivator 1- $\alpha$ ; PKA, protein kinase A; SIK, salt-inducible kinase; TORC, transducer of regulated CREB activity

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