

Cytological Assessments and Transcriptome Profiling Demonstrate that Evodiamine Inhibits Growth and Induces Apoptosis in a Renal Carcinoma Cell Line

Xiao-Long Yuan¹, Peng Zhang¹, Xin-Min Liu¹, Yong-Mei Du¹, Xiao-Dong Hou¹, Sen Cheng² & Zhong-Feng Zhang^{1,*}

¹ Tobacco Research Institute of Chinese Academy of Agricultural Sciences, Qingdao, China. ² Shanghai Tobacco Group Company Limited, Shanghai, China.

*Correspondence and requests for materials should be addressed to Z.-F. Z. (email: zhangzhongfeng@caas.cn)

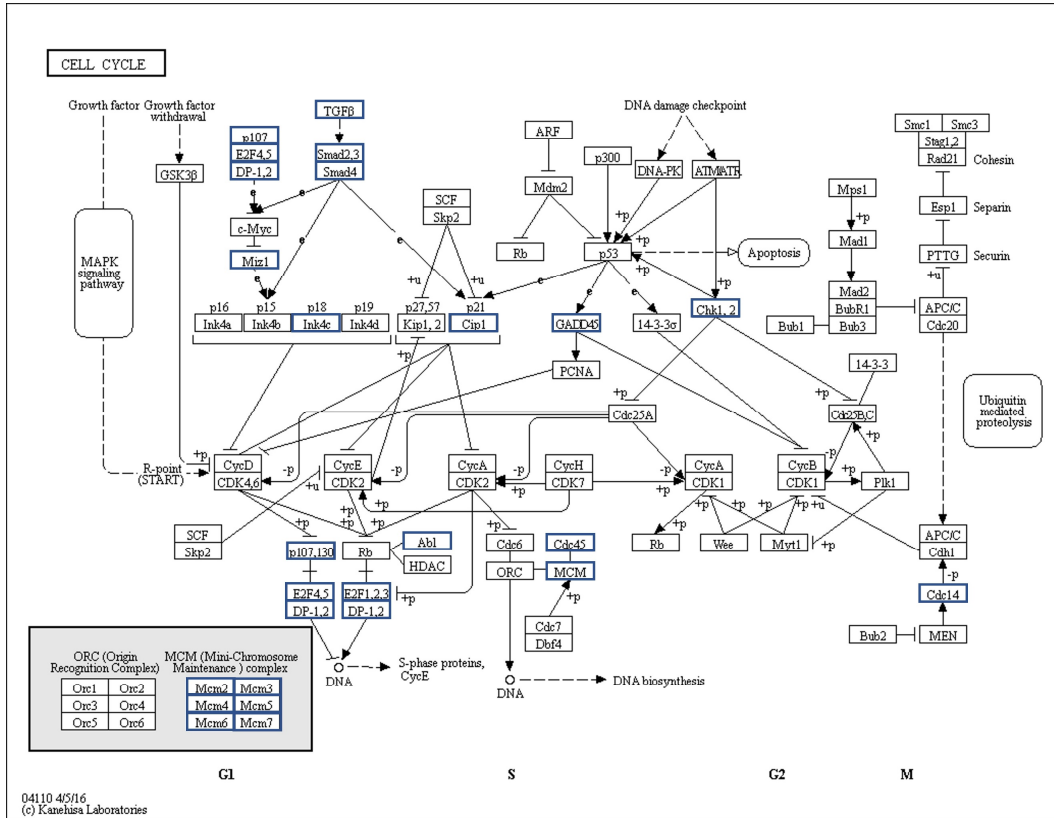


Figure S2 Schematic diagram of differentially expressed genes involved in the cell cycle by KEGG¹⁻³. (http://www.kegg.jp/kegg-bin/show_pathway?map04110)

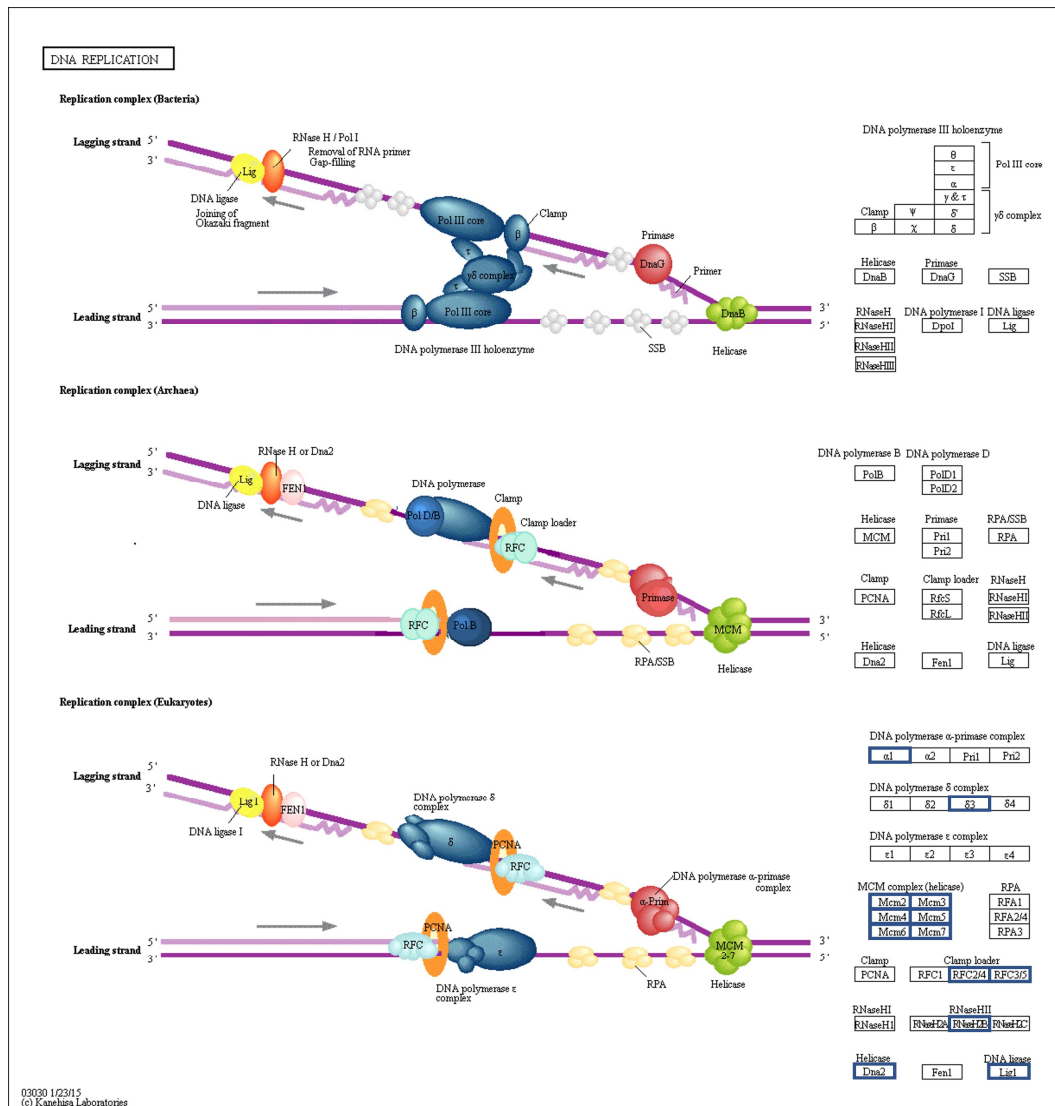


Figure S3 Schematic diagram of differentially expressed genes involved in the DNA replication by KEGG¹⁻³. (http://www.kegg.jp/kegg-bin/show_pathway?map03030)

References

- 1 Kanehisa, M. *et al.* KEGG: new perspectives on genomes, pathways, diseases and drugs. *Nucleic Acids Research* **45**, D353-D361 (2017)
- 2 Kanehisa, M. *et al.* KEGG as a reference resource for gene and protein annotation. *Nucleic Acids Research* **44**, D457-D462 (2016).
- 3 Kanehisa, M. & Goto, S. KEGG: Kyoto Encyclopedia of Genes and Genomes. *Nucleic Acids Research* **28**, 27-30 (2000).