DDX5 promotes gastric cancer cell proliferation in vitro and in vivo through mTOR signaling pathway

Cheng Du^{1*}, Dan-qi Li^{2*}, Na Li^{3*}, Li Chen^{4*}, Shi-sen Li⁵, Yang Yang⁶, Ming-xiao Hou⁷, Man-jiang Xie⁴ and Zhen-dong Zheng¹

- 1 Department of Oncology, General Hospital of Shenyang Military Area Command, Shenyang 110840, P. R. China
- 2 Institute of Molecular Research, Shenyang University of Chemical Technology, Shenyang 110142, P. R. China
- 3 Department of Gynaecology and Obstetrics, First Affiliated Hospital, Jilin University, Jilin 130021, P. R. China
- 4 Department of Aerospace Medicine, Fourth Military Medical University, Xi'an 710032, P. R. China
- 5 Department of Digestive Surgery, Xijing Hospital of Digestive Diseases, The Fourth Military Medical University, Xi'an 710032, China.
- 6 Department of Oncology, Xijing Hospital, Fourth Military Medical University, Xi'an 710032, P. R. China
- 7 Rescue Center of Severe Wound and Trauma of PLA, General Hospital of Shenyang Military Area Command, Shenyang 110840, P. R. China.

*These authors have contributed equally to this work

Correspondence and requests for materials should be addressed to: Z.D.Z. (mylonzzdong@163.com), M.J.X. (manjiangxie@hotmail.com) and

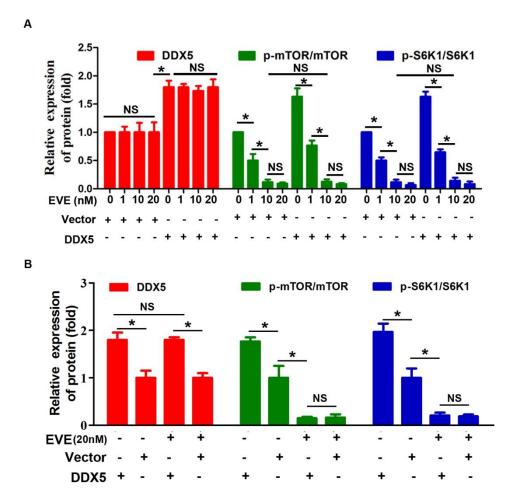


Figure S1. Relative quantification of the blots of DDX5, p-mTOR/mTOR and p-S6K1/S6K1 in (A) KATO III and (B) NCI-N87 cells treated as above indicated. (*p<0.05; NS, no significance).