## **EDITORIAL EXPRESSION OF CONCERN**

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## Editorial expression of concern: Yin Yang-1 suppresses invasion and metastasis of pancreatic ductal adenocarcinoma by downregulating MMP10 in a MUC4/ErbB2/ p38/MEF2C-dependent mechanism

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The Editor-in-Chief is issuing an editorial expression of concern to alert readers that after the publication of this article, it was brought to the attention of the publisher that there are a number of image integrity concerns. There appear to be high similarities between Fig. 1e GAPDH and Fig. 3b GAPDH, representing different conditions. Figure 3d Invasion-BXPC-YY1 appears to partially overlap with Fig. 3d Migration-BXPC-Scramble shRNA. Figure 5a Erk1/2-Vector and Fig. 5a p-Erk1/2-YY1 shRNA also appear to be highly similar. The authors were able to provide the original cell images for Fig. 3d,

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<sup>3</sup>The First School of Clinical Medicine, Nanjing Medical University, 140 Hanzhong Road, Nanjing 210029, People's Republic of China but were unable to provide the original images for any of the blots. Readers are urged to take caution when interpreting the content and conclusions of this article.

Authors Jing-Jing Zhang. Yun-Peng Peng, Yi Miao, Kun-Ling Xie, and Yi Zhu agree with this Editorial Expression of Concern. All other authors have not responded to correspondence from the publisher regarding this Editorial Expression of Concern.

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## References

 Zhang JJ, Zhu Y, Xie KL, et al. Yin Yang-1 suppresses invasion and metastasis of pancreatic ductal adenocarcinoma by downregulating MMP10 in a MUC4/ ErbB2/p38/MEF2C-dependent mechanism. Mol Cancer. 2014;13:130. https://doi.org/10.1186/1476-4598-13-130.

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