Erratum

Polypyrimidine Tract-Binding Protein 1 promotes proliferation, migration and invasion in clear-cell renal cell carcinoma by regulating alternative splicing of PKM: Am J Cancer Res. 2017; 7(2): 245-259

Junyi Jiang1,3*, Xu Chen2,3*, Hao Liu2,3*, Jing Shao3,4, Ruihui Xie2,3, Peng Gu2,3, Chaohui Duan1,3

1Department of Laboratory Medicine, Sun Yat-sen Memorial Hospital, Sun Yat-sen University, Guangzhou, China; 2Department of Urology, Sun Yat-sen Memorial Hospital, Sun Yat-sen University, Guangzhou, China; 3Guangdong Provincial Key Laboratory of Malignant Tumor Epigenetics and Gene Regulation, Sun Yat-sen Memorial Hospital, Sun Yat-sen University, Guangzhou, China; 4Medical Research Center, Sun Yat-sen Memorial Hospital, Sun Yat-sen University, Guangzhou, China. *Equal contributors.

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We rechecked this paper and realized that some data in Figures 6F and 7C were unintentionally misplaced. We found the inadvertent errors occurred during figure layout. We have accordingly corrected and replaced the image in Figures 6F and 7C. This correction has not changed the description, interpretation, or the original conclusions of the manuscript. The authors apologize for any inconvenience that caused by this unintentional misplacement.

Address correspondence to: Chaohui Duan, Department of Laboratory Medicine, Sun Yat-sen Memorial Hospital, 107th Yanjiangxi Road, Guangzhou, China. Tel: +86-13710658198; Fax: +86-20-81338062; E-mail: 1725012289@qq.com; Xu Chen, Department of Urology, Sun Yat-sen Memorial Hospital, 107th Yanjiangxi Road, Guangzhou, China. Tel: +86-13430306339; Fax: +86-20-81332336; E-mail: Joshua_18chen@163.com
PTBP1 promotes proliferation and metastasis by upregulating PKM2 in ccRCC

A

Relative expression of PTBP1

769P | ACHN

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B

Relative expression of PKM2

769P | ACHN

** **

C

769P

PKM2

PTBP1

GAPDH

ACHN

PKM2

PTBP1

GAPDH

D

Absorption of OD 490

Days

769P | ACHN

** **

E

Number of colony

769P | ACHN

** **
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Figure 6. PKM2 silencing mainly abolished PTBP1-induced proliferation in ccRCC cells. A and B. Verification the efficiency of PTBP1 overexpression and PKM2 knockdown in 769P and ACHN cells by RT-qPCR. C. Verification of PKM2 knockdown efficiency by western blots. D. MTT assay evaluation of influence of PKM2 knockdown on 769P and ACHN cell viability. E. Colony formation assay evaluation the effect of PKM2 knockdown on 769P and ACHN cells. F. Flow cytometry analysis of 769P and ACHN cells transfected with control or PKM2 siRNA for 72 h. The percentages (%) of cell populations at different stages of the cell cycle are listed in the panels. All histograms show the percentage (%) (means ± SD) of cell populations from three independent experiments. *P < 0.05, **P < 0.01.
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Figure 7. Knockdown of PKM2 abrogated the promotion of migration and invasion induced by PTBP1 overexpression in ccRCC cells. A and C. Representative pictures showing migrated and invasive cells under microscope (200×). B and D. All histograms represent the number (mean ± SD) of migrated or invasive cells from three independent experiments. Statistical significance was calculated using the ANOVA. *P < 0.05, **P < 0.01.