

Correction

CELL BIOLOGY

Correction for “Itch E3 ubiquitin ligase regulates large tumor suppressor 1 stability,” by King Ching Ho, Zhonghua Zhou, Yi-Min She, Alex Chun, Terry D. Cyr, and Xiaolong Yang, which appeared in issue 12, March 22, 2011, of *Proc Natl Acad Sci USA* (108:4870–4875; first published March 7, 2011; 10.1073/pnas.1101273108).

The authors wish to note: “There is an error on the fourth panel of Fig. 2, the Ponceau S staining figure. We have now replaced it with a correct figure.” As a result, Fig. 2 has been corrected. The corrected figure and its legend appear below.

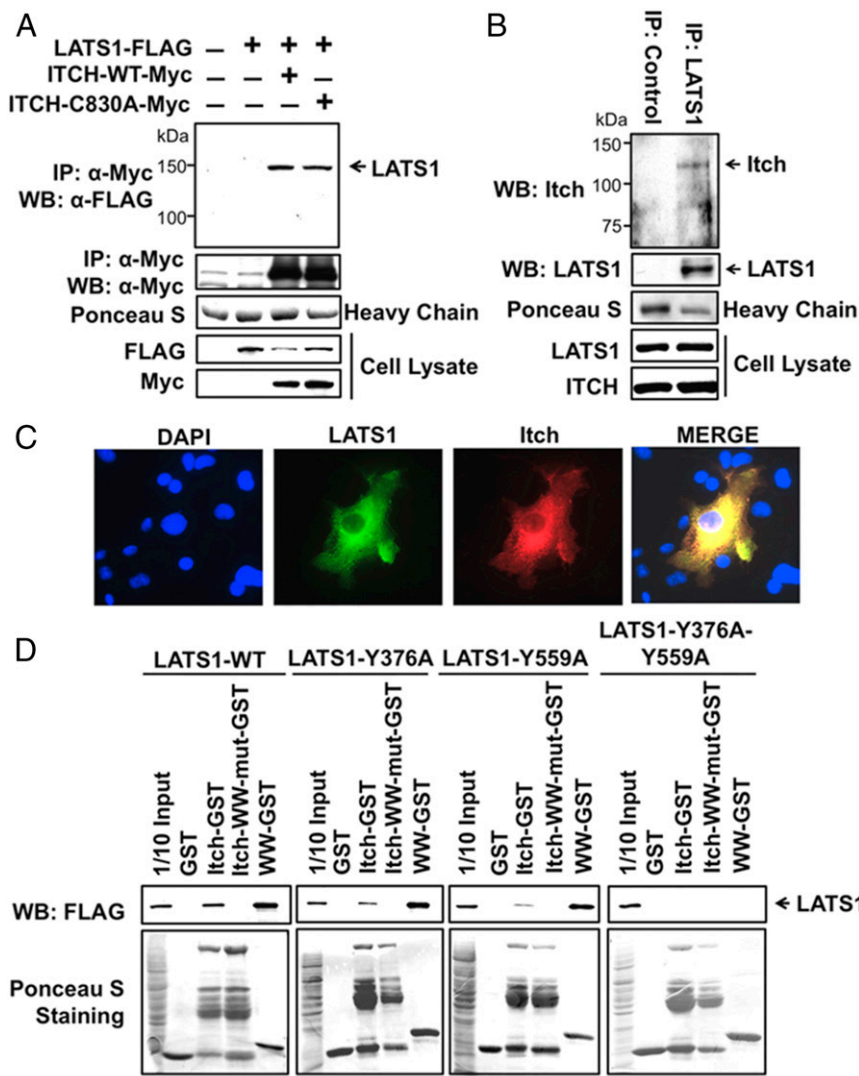


Fig. 2. Interaction of LATS1 and Itch in vivo and in vitro. (A) Interaction of ectopically expressed LATS1 and Itch. COS7 lysates expressing either LATS1-FLAG alone or together with Itch-Myc or Itch-C830A-Myc were immunoprecipitated with anti-Myc antibody, followed by Western blotting with anti-FLAG antibody. Ponceau S staining of antibody heavy chain indicates equal amounts of anti-Myc antibody were used. (B) Interaction of endogenous LATS1 and Itch. Protein lysates from MDA-MB-231 cells were immunoprecipitated with either control anti-FLAG antibody or anti-LATS1 antibody, followed by Western blotting with anti-Itch antibody. (C) Immunostaining analysis of LATS1 and Itch. LATS1-FLAG and Itch-Myc were cotransfected into COS7 cells, followed by immunostaining with anti-FLAG and anti-Myc primary antibodies and AF488 anti-mouse IgG and AF555 anti-rabbit IgG secondary antibodies. (D) GST-pulldown analysis of interaction of LATS1 and Itch in vitro. COS7 lysates expressing wild-type (LATS1-WT-FLAG), single-PPXY mutants (LATS1-Y376F-FLAG or LATS1-Y559F-FLAG), or double PPXY mutant (LATS1-Y376F-Y559F-FLAG) of LATS1 were pulled down with GST, GST-Itch, GST-Itch-WW-mutant, or GST-WW, followed by Western blotting for LATS1-FLAG using anti-FLAG antibody. 1/10 input (10 μg) represents 1/10 of protein lysate (100 μg) used for GST pull-down.