



## Corrigendum

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## Corrigendum

**Article title:** GLS2 is transcriptionally regulated by p73 and contributes to neuronal differentiation

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The **Figure 1E** appeared incorrectly in print and online. The correct **Figure 1** is provided on the next page.

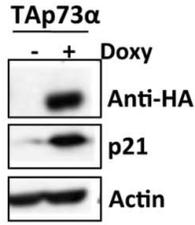
The authors apologize for any inconvenience caused.

**Figure 1.** TAp73 drives the expression of GLS2. **(A)** SAOS-2-TAp73 $\alpha$  inducible cell lines were treated with Doxycyclin (Doxy) for 24 h in order to overexpress the human TAp73 $\alpha$  protein, and endogenous levels of GLS2 were assessed by real-time PCR **(B)**. Induction of TAp73 $\alpha$  led to a significant ( $P < 0.05$ ) increase of GLS2 expression, as evaluated by real-time PCR. **(C)** H1299 cells were transfected with the indicated plasmids and expression of GLS2 was evaluated by real-time PCR as in **(D)**. **(E)** TAp73 binds to the promoter of GLS2 as shown by ChIP. **(F)** TAp73 activates the GLS2 promoter as evaluated by luciferase activity. Co-transfection of a *Renilla* luciferase control plasmid was used to normalize the transfection efficiency. **(G)** Exogenous GLS2 localize in the mitochondria. SH-SY5Y were transfected with FLAG-GLS2 expressing vector and after 24 h stained with MitoTracker<sup>®</sup> Red CMXRos and antibody against FLAG epitope as described in “Materials and Methods”. A representative micrograph is shown. Magnification 40 $\times$ . **(H)** TAp73 regulates GLS2 expression during neuronal terminal differentiation of neuroblastoma cells. SH-SY5Y cells were treated with 10  $\mu$ M retinoic acid in order to induce differentiation. Retinoic acid (RA) treatment induces the expression of GLS2. Inhibition of TAp73 expression induced by retinoic acid prevents the upregulation of GLS2. Real-time PCR data are normalized to the housekeeping gene GAPDH and relative to control (Ctrl) Data represent mean  $\pm$  s.d. of 3 different experiments. \* $P < 0.05$ .

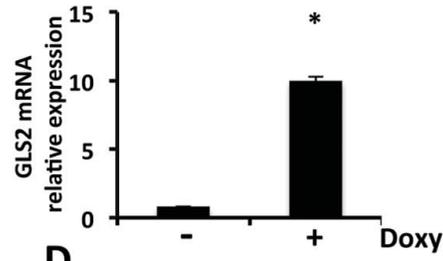
<http://dx.doi.org/10.1080/15384101.2015.1035968>

SAOS-TAp73 $\alpha$ -inducible

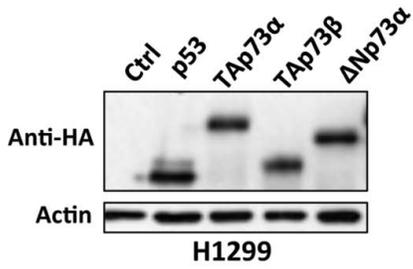
**A**



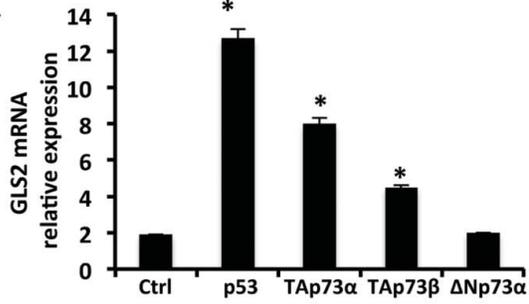
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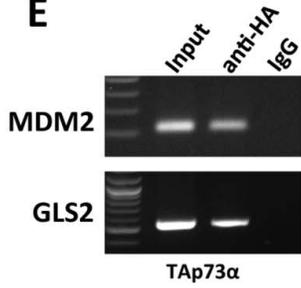
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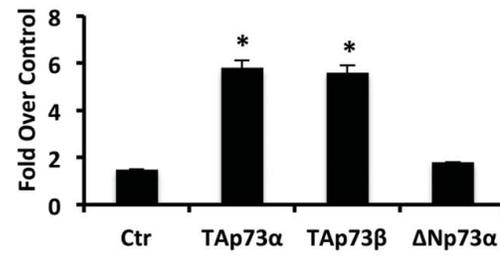
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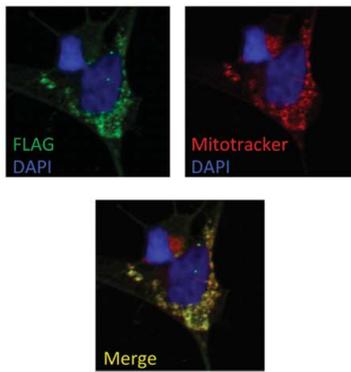
**E**



**F**



**G**



**H**

