Protein Cell 2022, 13(6):470–471
https://doi.org/10.1007/s13238-021-00853-8

Protein & Cell

CORRECTION

Correction to: Nuclear m6A reader YTHDC1 regulates the scaffold function of LINE1 RNA in mouse ESCs and early embryos

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CORRECTION TO: PROTEIN CELL (2021)
HTTPS://DOI.ORG/10.1007/S13238-021-00837-8

In the original publication of the article figure 1 is incorrectly published. The correct Figure 1 is provided in this correction.

The original article can be found online at https://doi.org/10.1007/s13238-021-00837-8.

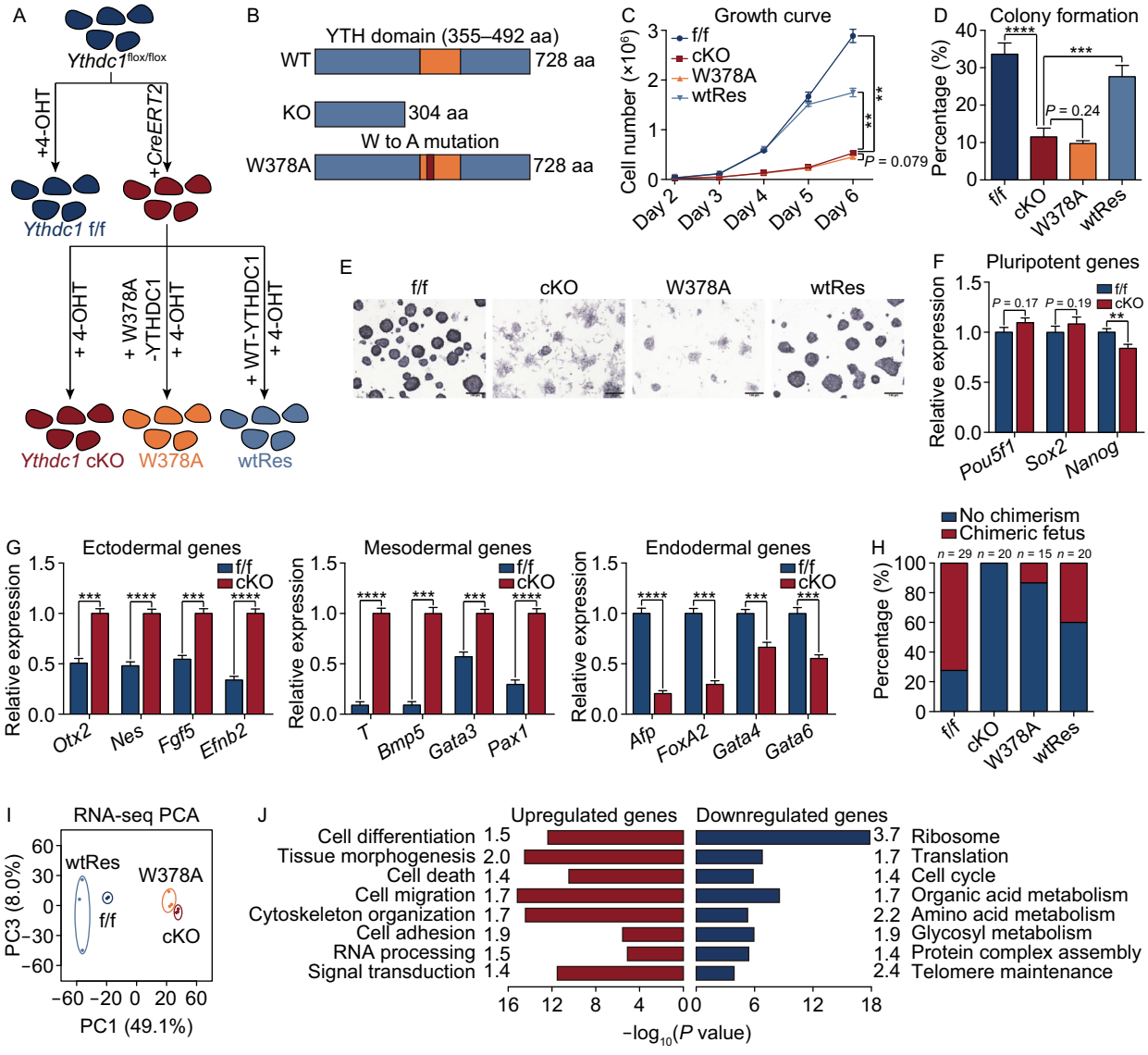

Figure 1. YTHDC1 is essential for mouse ESCs. (A) Strategy for functional studies of *Ythdc1* in ESCs. All cell lines were treated with 4-OHT for 3 days before harvest to ensure the depletion of endogenous *Ythdc1*. (B) Schematic of mouse wild-type (WT) YTHDC1, truncated YTHDC1 after the recombination (KO YTHDC1) and mutant YTHDC1 (W378A YTHDC1). aa, amino acid. (C) Growth curve showing that *Ythdc1* cKO and W378A ESCs exhibited a poor proliferation rate. Cell numbers on the last day were used to assess the significance. (D and E) Colony formation abilities of *Ythdc1* cKO and W378A ESCs were impaired revealed by AP staining. (F) RT-qPCR analysis showing the relative RNA level of key pluripotent markers in *Ythdc1* f/f and cKO ESCs. (G) RT-qPCR analysis showing that EBs derived from *Ythdc1* cKO ESCs exhibited the abnormal expression level of differentiation markers 7 days after *in vitro* differentiation. (H) *Ythdc1* cKO and W378A ESCs exhibited a weak ability to generate chimeric mice. (I) Principal component analysis (PCA) showing the transcriptome differences between each ESC line. (J) GO analysis of genes dysregulated in both *Ythdc1* cKO and W378A ESCs defined in Fig. S2E. Fold enrichment of each term is labeled in the plot. Data are presented as means with SDs ($n = 3$ in (C, F and G) and $n = 4$ in (D). Significance was calculated with unpaired two-tailed Student's t test (**$P < 0.01$, ***$P < 0.001$, ****$P < 0.0001$). See also Figs. S1 and S2.