

CORRECTION

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# Correction to: The m<sup>6</sup>A eraser FTO facilitates proliferation and migration of human cervical cancer cells

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**Correction to: *Cancer Cell Int* (2019) 19:321**

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Following publication of the original article [1] the authors have notified us of a few errors in Figures 2, 3 and 6. The corrected Figs. 2, 3, and 6 are presented below.

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The original article can be found online at <https://doi.org/10.1186/s12935-019-1045-1>.

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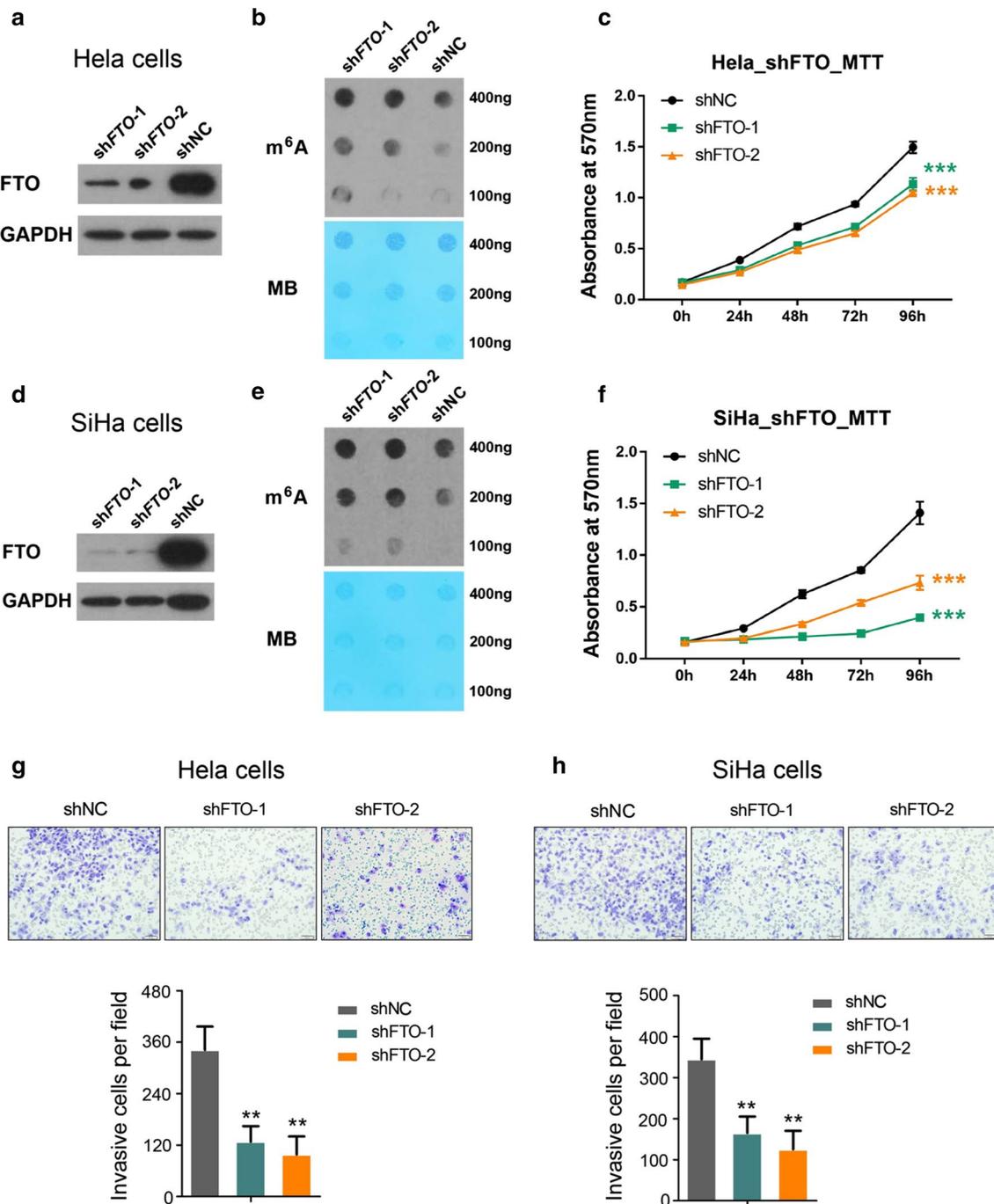
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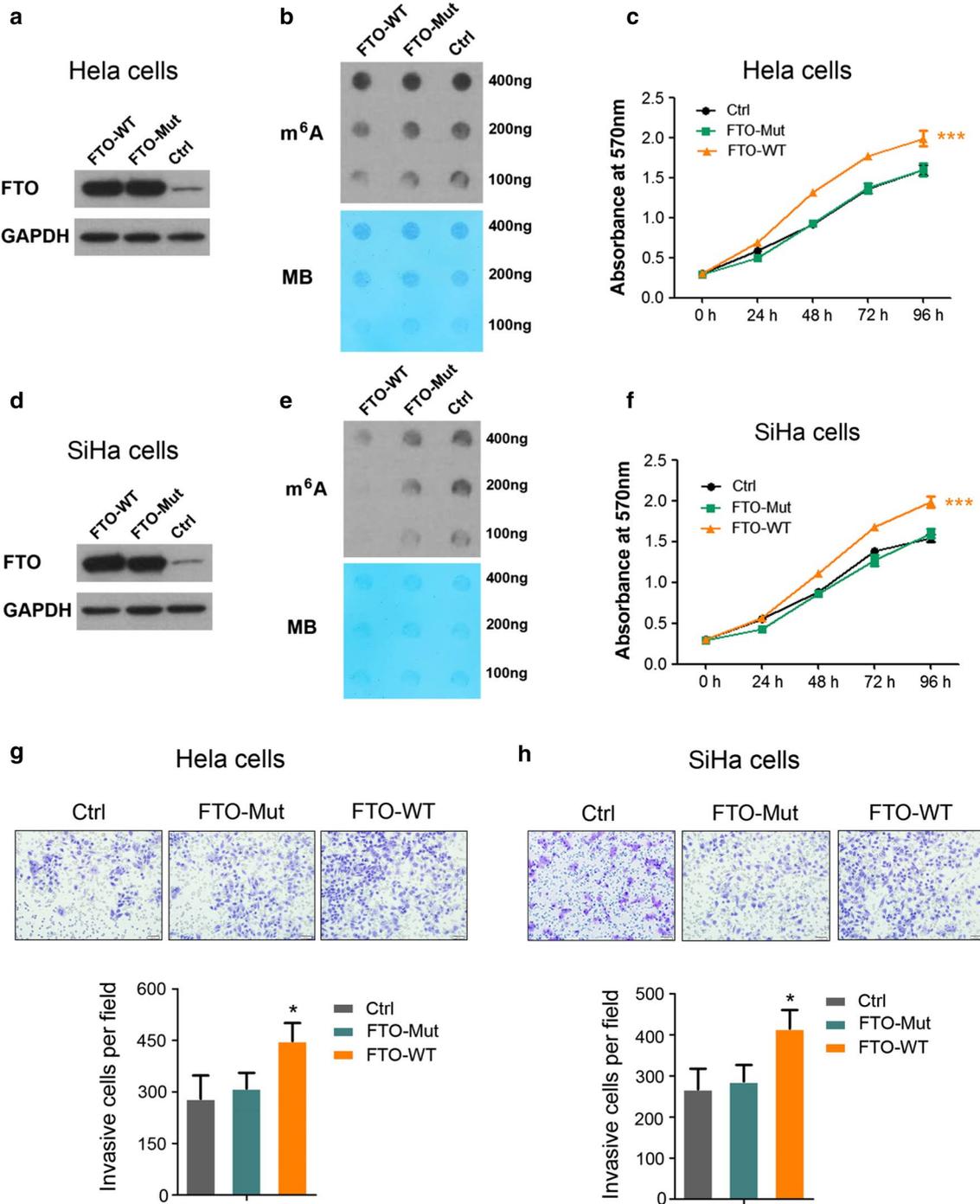
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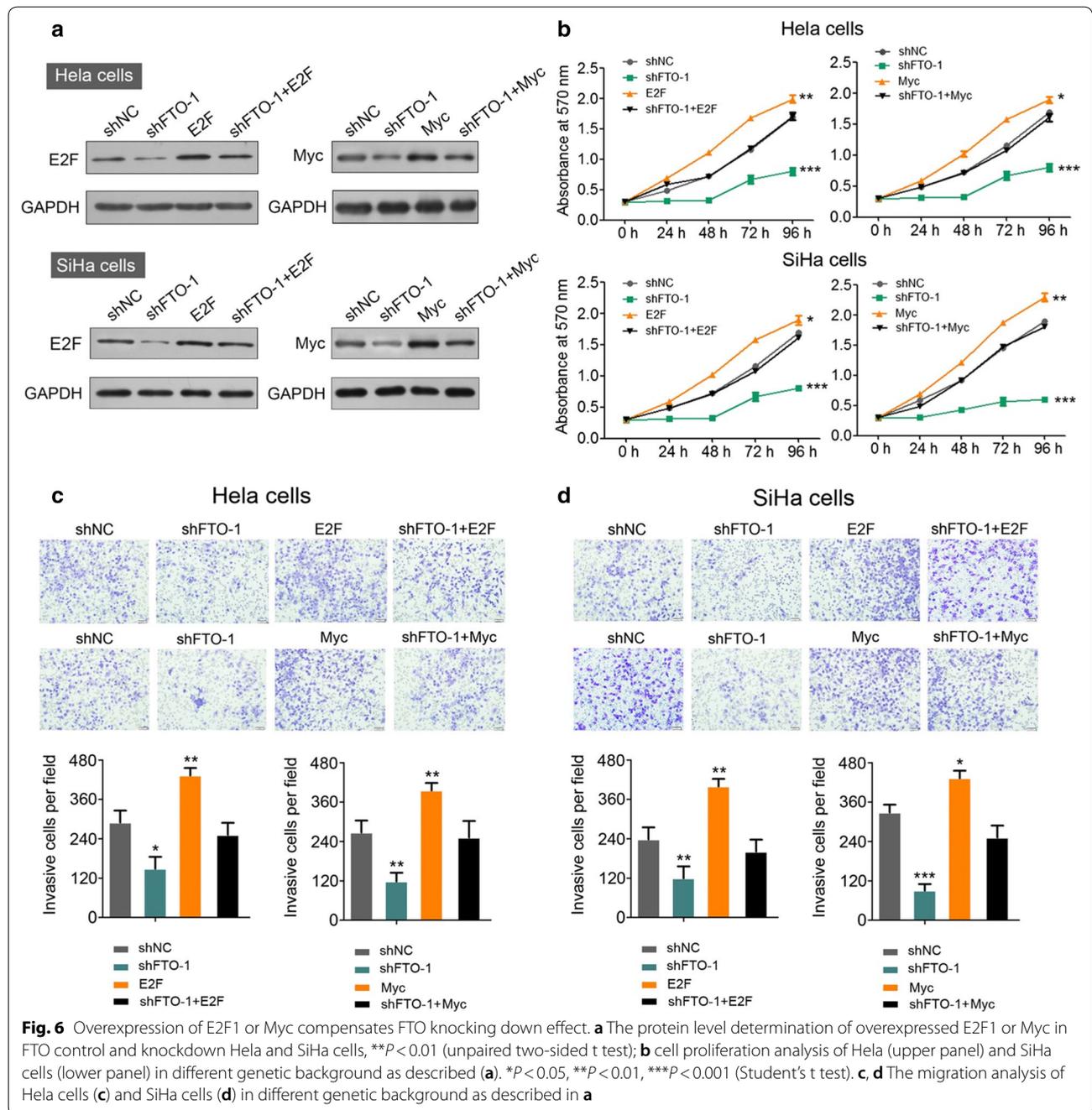
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**Fig. 2** FTO regulates cervical cancer cells' proliferation and migration. **a** Immunoblot analysis of FTO expression in control and knocking down HeLa cells using two different shRNAs; **b** m<sup>6</sup>A dot blot assays of HeLa cells with or without knocking down of FTO. MB, methylene blue staining (as loading control); **c** effects of knocking down FTO on HeLa cells growth/proliferation. \*\*\*P < 0.001. (Student's t test); **d** Western blot analysis of FTO expression in control and knocking down SiHa cells using same shRNAs as described in **a**; **e** m<sup>6</sup>A dot blot assays of SiHa cells with or without knocking down of FTO. MB, methylene blue staining (as loading control); **f** effects of knocking down FTO on SiHa cells growth/proliferation. \*\*\*P < 0.001. (Student's t test); **g, h** analysis of cell migration capacity using competent or deficient HeLa and SiHa cells



**Fig. 3** The m<sup>6</sup>A demethylase activity is required for FTO to play its oncogenic function. **a** Enforced FTO or FTO-mut expression in HeLa cells. FTO-mut carries two point- mutations, H231A and D233A, which disrupt the enzymatic activity of FTO. GAPDH was used as a loading control; **b** m<sup>6</sup>A dot blot assays of HeLa cells with enforced FTO or FTO-mut expression. MB, methylene blue staining (as loading control); **c** effects of FTO or mutant FTO overexpression on HeLa cells' growth/proliferation, \*\*\**P* < 0.001. (Student's *t* test); **d** enforced FTO or FTO-mut expression in SiHa cells. GAPDH was used as a loading control; **e** m<sup>6</sup>A dot blot assays of SiHa cells with enforced FTO or FTO-mut expression. MB, methylene blue staining (as loading control); **f** effects of FTO or mutant FTO overexpression on SiHa cells' growth/proliferation, \*\*\**P* < 0.001. (Student's *t* test); **g, h** analysis of cell migration capacity in FTO or mutant FTO overexpressed HeLa and SiHa cells



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**Reference**

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