

# Erratum to HTR7 promotes laryngeal cancer growth through PI3K/AKT pathway activation

## Editorial Office

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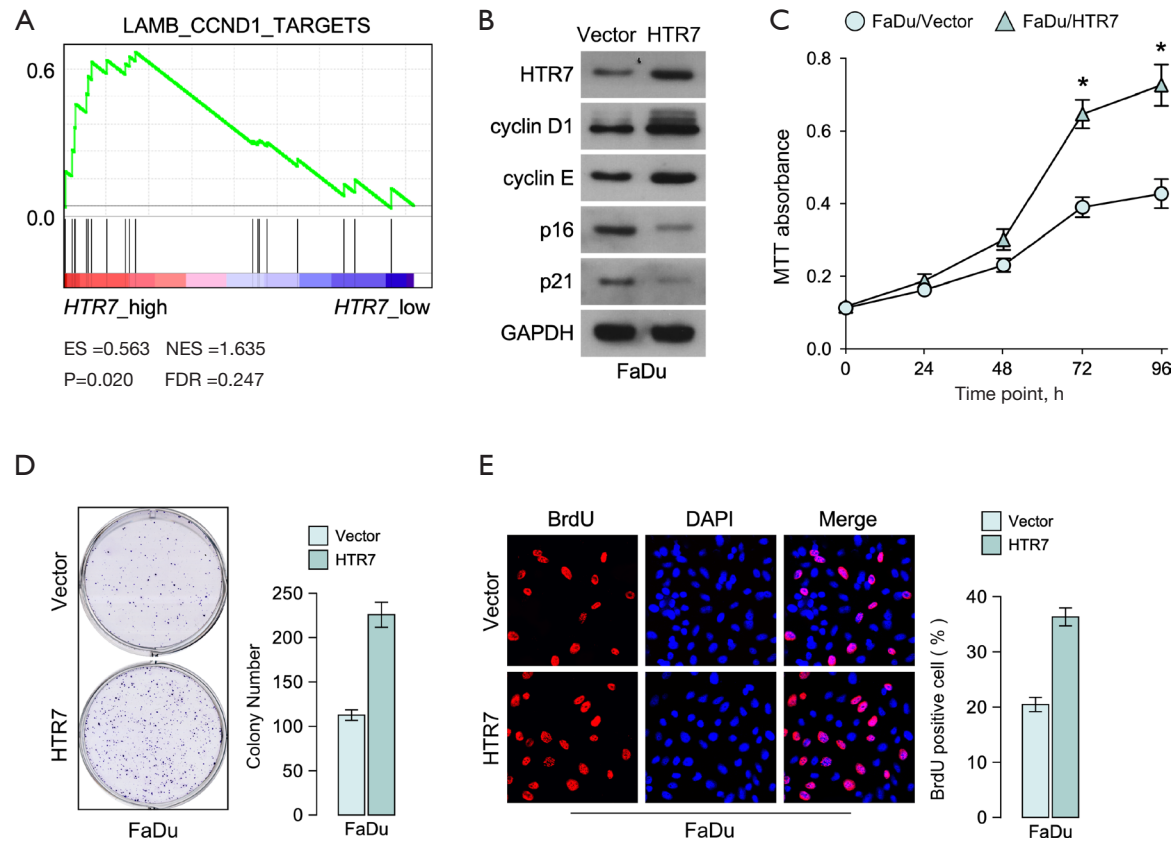
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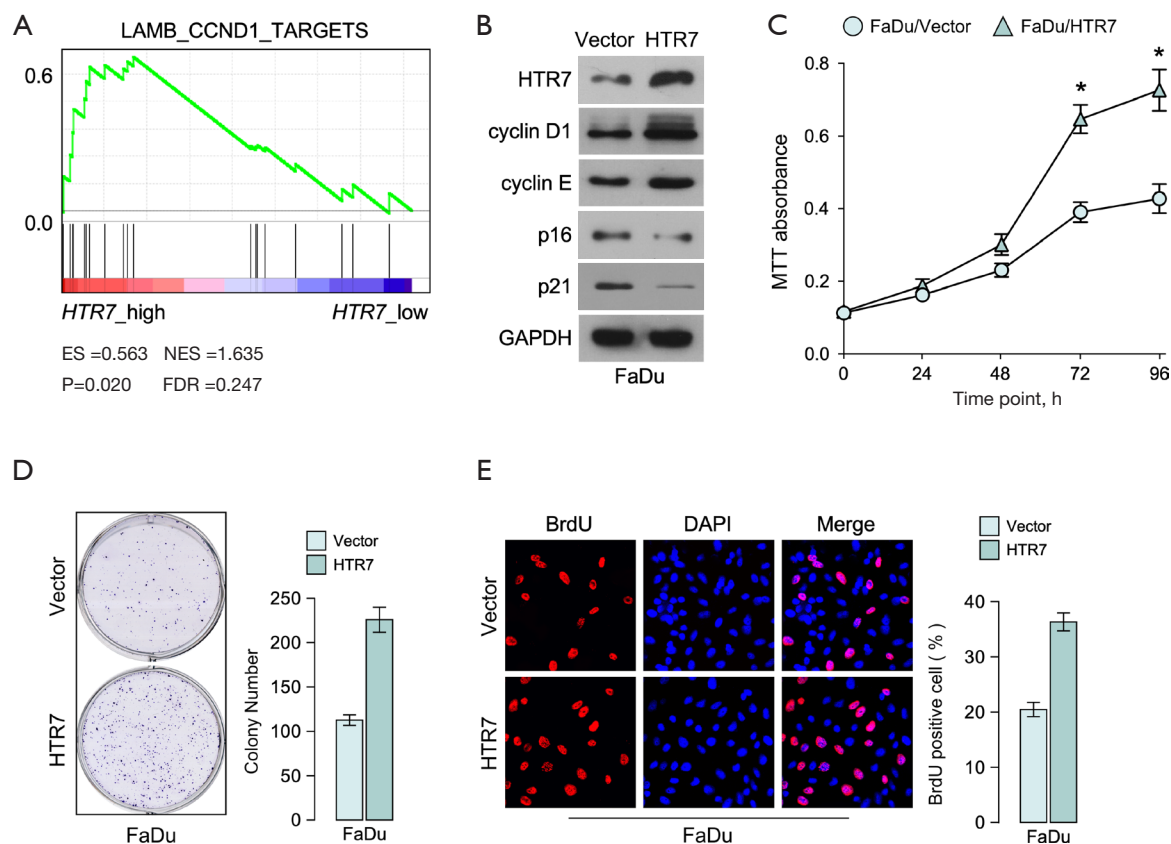
Erratum to: Ann Transl Med 2021;9:840.

This article (1) titled “HTR7 promotes laryngeal cancer growth through PI3K/AKT pathway activation” (doi: 10.21037/atm-21-1069), unfortunately contains an error in *Figure 5*, in which the wrong soft agar image was mistakenly used in the TU212/Scramble control for *Figure 5A* during figure assembly. The article has published an erratum (2) to correct the error but the images in the erratum article were still incorrect. In the meantime, it has come to our attention that the western blotting images of the HTR7, p16, p21 of *Figure 3B* were mistakenly used during figure assembly.

Figure 3 of the original article:

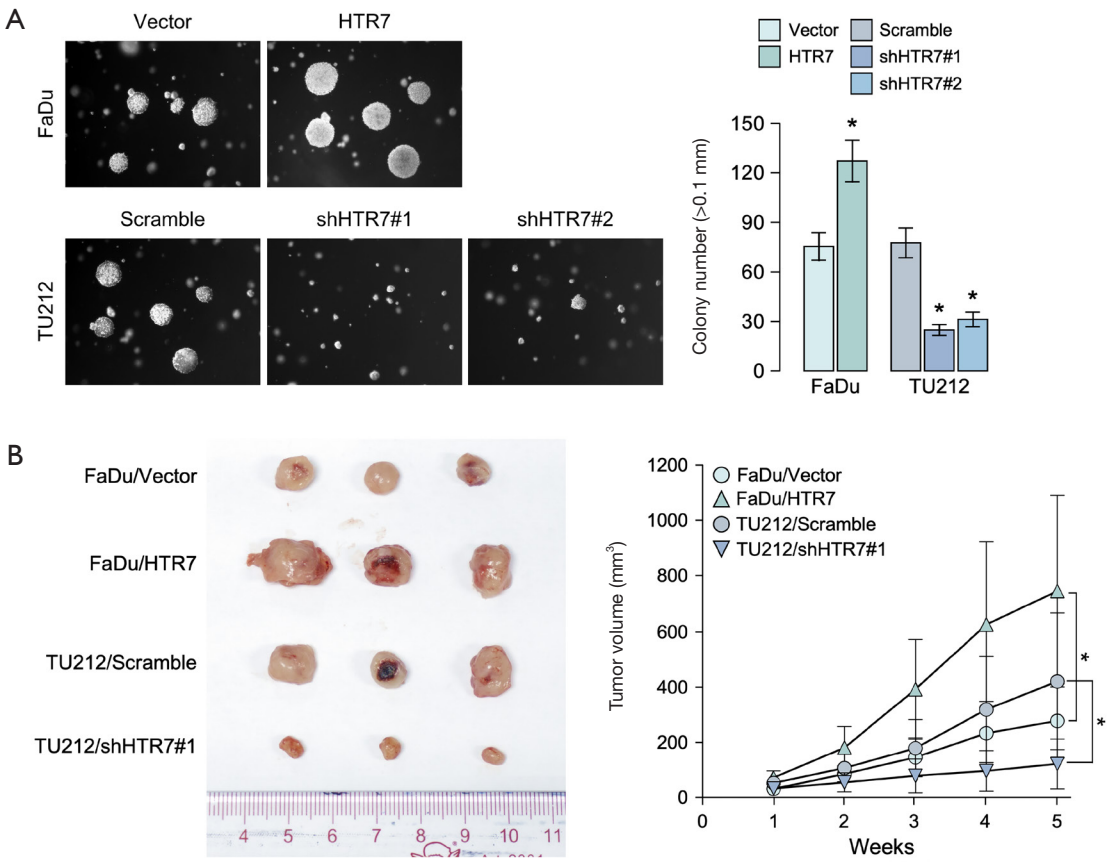


The correct version of *Figure 3*:

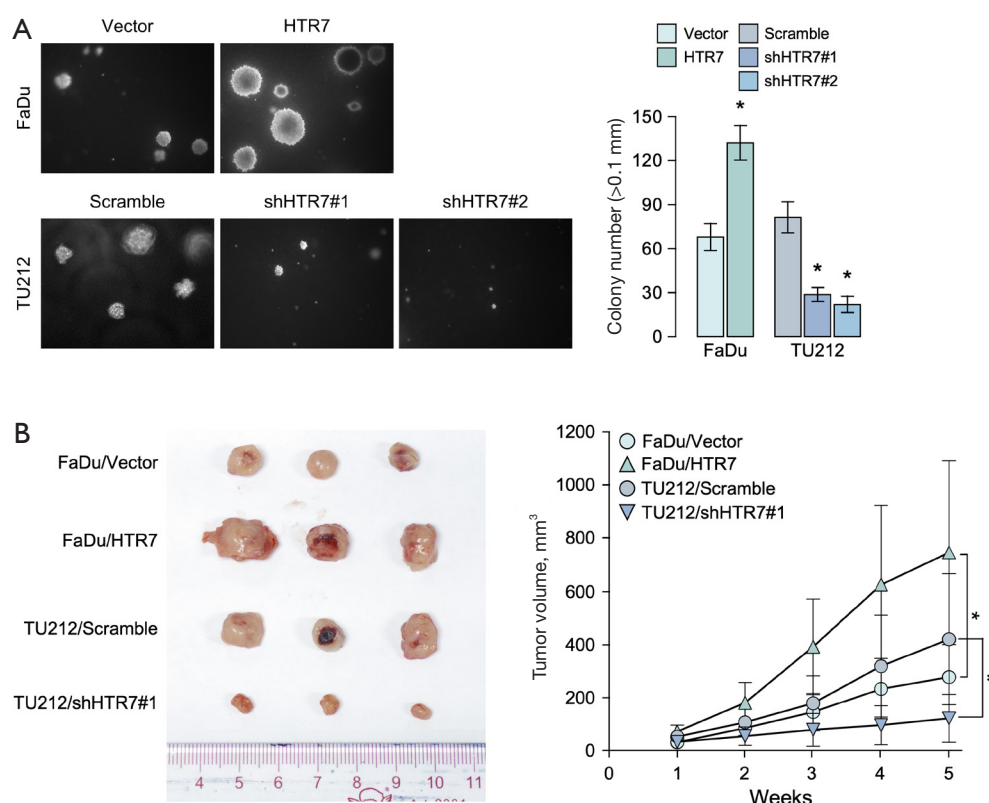


**Figure 3** 5-hydroxytryptamine receptor 7 (HTR7) overexpression promotes laryngeal cancer proliferation. (A) Gene Set Enrichment Analysis of the relationship between HTR7 expression and CCND1 expression. (B) Western blot analysis of cyclin D1, cyclin E, p16, and p21 levels when HTR7 was overexpressed in FaDu cells. GAPDH was used as the loading control. (C) 3-(4,5-Dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide assay of the effect of HTR7 overexpression on laryngeal cancer proliferation. (D) Colony formation assay of the effect of HTR7 overexpression on laryngeal cancer proliferation using crystal violet staining. Microscope magnification 200 $\times$ . (E) BrdU incorporation assay of the effect of HTR7 overexpression on laryngeal cancer proliferation. Error bars represent the mean  $\pm$  STDEV. \*,  $P < 0.05$ .

Figure 5 of the original article:



The correct version of *Figure 5*:



**Figure 5** 5-hydroxytryptamine receptor 7 (HTR7) promotes laryngeal cancer growth. (A) Soft agar growth analysis of the effect of HTR7 overexpression or knockdown on cell growth. The colony size was determined using an ocular micrometer and colonies >0.1 mm in diameter were counted through a bright-field microscope under  $\times 400$  magnification. Representational soft agar growth assay are shown on the left; statistical analysis is shown on the right. (B) Animal model analysis of the effect of HTR7 overexpression or knockdown on cell growth. Representational soft agar growth assay are shown on the left; tumor volume analysis is shown on the right. Error bars represent the mean  $\pm$  STDEV. \*,  $P < 0.05$ .

The authors apologize for the oversight.

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## References

1. Sheng X, Liu W, Lu Z, et al. HTR7 promotes laryngeal cancer growth through PI3K/AKT pathway activation. *Ann Transl Med* 2021;9:840.
2. Editorial Office. Erratum to HTR7 promotes laryngeal cancer growth through PI3K/AKT pathway activation. *Ann Transl Med* 2022;10:918.

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