

CORRECTION

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Correction: MiR-29b/Sp1/FUT4 axis modulates the malignancy of leukemia stem cells by regulating fucosylation via Wnt/ β -catenin pathway in acute myeloid leukemia

Bing Liu^{1†}, Hongye Ma^{2†}, Qianqian Liu¹, Yang Xiao¹, Shimeng Pan¹, Huimin Zhou³ and Li Jia^{1*} 

Correction: *J Exp Clin Cancer Res* 38, 200 (2019)
<https://doi.org/10.1186/s13046-019-1179-y>

Following publication of the original article [1], wrong image was used in Fig. 5, specifically:

- Fig. 5d—CyclinD1 gel blot

The correct Fig. 5 is given as below:

The correction does not affect the overall result or conclusion of the article.

Reference

1. Liu B, Ma H, Liu Q, et al. MiR-29b/Sp1/FUT4 axis modulates the malignancy of leukemia stem cells by regulating fucosylation via Wnt/ β -catenin pathway in acute myeloid leukemia. *J Exp Clin Cancer Res*. 2019;38:200. <https://doi.org/10.1186/s13046-019-1179-y>.

Published online: 17 August 2023

[†]Bing Liu and Hongye Ma contributed equally to this work.

The original article can be found online at <https://doi.org/10.1186/s13046-019-1179-y>.

*Correspondence:

Li Jia
jjiali0386@sina.com

¹ College of Laboratory Medicine, Dalian Medical University, 9 Lushunnan Road Xiduan, Dalian 116044, Liaoning Province, China

² Department of Clinical Laboratory, Beijing Hospital of Traditional Chinese Medicine Affiliated to Capital University of Medicine Sciences, Beijing 100010, China

³ Department of Microbiology, Dalian Medical University, Dalian 116044, Liaoning Province, China



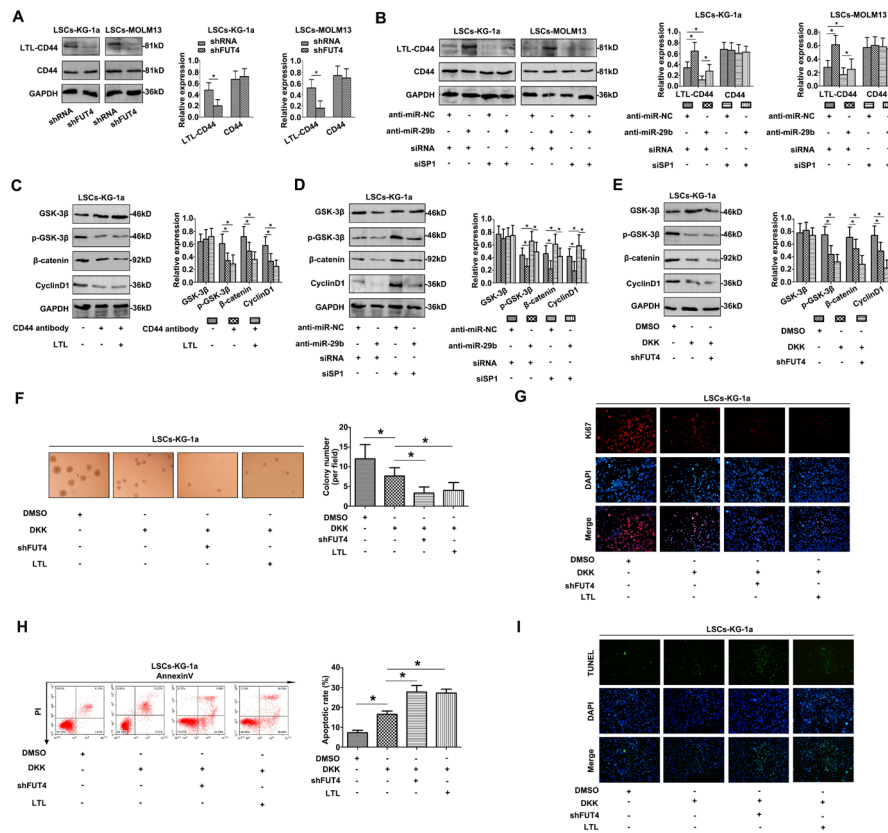


Fig. 5 MiR-29b/Sp1/FUT4 crosstalk regulates CD44 fucosylation and activates Wnt/ β -catenin pathway in CD34+CD38- AML cell lines. **a** LTL-CD44 level was altered with mediation of FUT4, while total CD44 showed no changes. **b** Modulation of miR-29b and Sp1 caused the altered level of LTL-CD44, and showed no impacts on CD44 level. **c** With CD44 antibody and LTL treatment, the activity of Wnt/ β -catenin pathway was inhibited in LSCs-KG-1a cells by western blot. **d** Co-transfection of anti-miR-29b and siSP1 also impacted the activation of the cascade by western blot. **e** Co-treatment of DKK and shFUT4 suppressed the pathway activity. **f** DKK and shFUT4 impacted the sphere formation ability of LSCs-KG-1a. LTL blocking assays also suppressed the proliferation. **g** Ki67 staining also indicated the attenuated proliferation of LSCs-KG-1a cells with the treatment DKK, shFUT4 or LTL blocking. **h** Apoptotic rates of LSCs-KG-1a were increased after DKK, shFUT4 treatment or LTL blocking by flow cytometry. **i** TUNEL staining confirmed the apoptotic occurrence. Data are the means \pm SD of triplicate determinants (* $P < 0.05$)