



Corrigendum: TFEB Promotes Prostate Cancer Progression via Regulating ABCA2-Dependent Lysosomal Biogenesis

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Specialty section:

This article was submitted to
Molecular and Cellular Oncology,
a section of the journal
Frontiers in Oncology

Received: 30 July 2021

Accepted: 03 August 2021

Published: 30 August 2021

Citation:

Zhu X, Zhuo Y, Wu S, Chen Y, Ye J,
Deng Y, Feng Y, Liu R, Cai S, Zou Z,
Wang B, Wu C-L, Zeng G and
Zhong W (2021) Corrigendum: TFEB
Promotes Prostate Cancer
Progression via Regulating ABCA2-
Dependent Lysosomal Biogenesis.
Front. Oncol. 11:750277.
doi: 10.3389/fonc.2021.750277

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Keywords: TFEB, ABCA2, prostate cancer, tumor microenvironment, lysosomal biogenesis, biochemical recurrence, metastasis

A Corrigendum on

TFEB Promotes Prostate Cancer Progression via Regulating ABCA2-Dependent Lysosomal Biogenesis

By Zhu X, Zhuo Y, Wu S, Chen Y, Ye J, Deng Y, Feng Y, Liu R, Cai S, Zou Z, Wang B, Wu C-L, Zeng G and Zhong W (2021). *Front. Oncol.* 11:632524. doi: 10.3389/fonc.2021.632524

In the original article, there was a mistake in **Figure 6** as published. **Figure 6** was misplaced and needs to be corrected. The corrected **Figure 6** appears below.

In the published article, there was an error in affiliation **1, 2**. Instead of “

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it should be “

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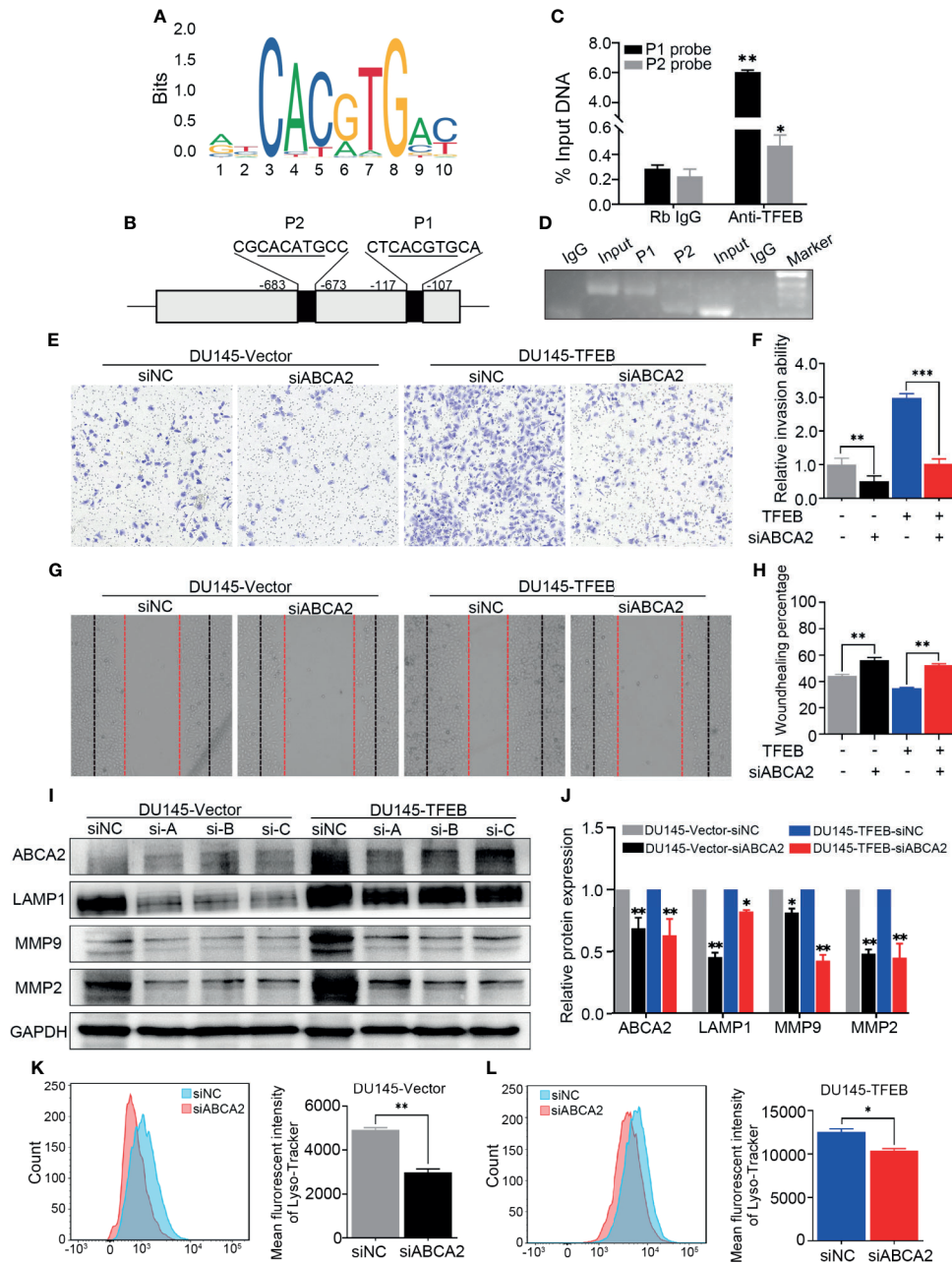


FIGURE 6 | TFEB binding ABCA2 promoter to regulate its expression to involve PCa cell invasion and migration. **(A)** The binding motif of TFEB were provide from website. **(B)** The potential binding site of ABCA2 promoter. Mismatch rate is less than 1%. **(C)** Validation of the DNA fragment pulled down with TFEB chip-level antibody by qRT-PCR. DNA fragment were obtained from CUT&RUN assay and purified by DNA extraction kit. Rb IgG as a negative control. Anti-TFEB as an experimental group. **(D)** The DNA fragment product from qRT-PCR was validated by nucleic acid electrophoresis. The length of input, P1 and P2 mainly between 60 to 120 bp. **(E, F)** Transwell assay showed silenced ABCA2 expression inhibited PCa cell invasion. Cancer cells were stained after 24h. **(G, H)** Woundhealing assay showed silenced ABCA2 expression inhibited PCa cell migration after 48h culture. **(I, J)** Validation of ABCA2 LAMP1, MMP9, and MMP2 protein expression by western-blot after ABCA2 gene silenced. Quantitative analysis of the western-blot from **(I)**. **(K, L)** DU145-vector and DU145-TFEB cell line were silenced ABCA2 for 72h and then treated with LysoTracker Red DND-99 (50 nM) for 45 min. Note: Statistical analysis was from three independent experiments and is presented as mean ± SD. *p < 0.05, **p < 0.01, ***p < 0.001 compared with control group.

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In the published article, there was an error regarding the affiliations for Weide Zhong. As well as having affiliation(s) **1, 3**, they should also have, **2**.

The authors apologize for these errors and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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