

CORRECTION

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# Correction: Association between two-component systems gene mutation and *Mycobacterium tuberculosis* transmission revealed by whole genome sequencing

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**Correction to:** *BMC Genomics* (2023) 24:718  
<https://doi.org/10.1186/s12864-023-09788-2>

Following publication of the original article [1], it was reported that there was an error in affiliation 1 and that the Background section of the Abstract had to be revised.

**The incorrect version of affiliation 1 was:** Department of Chinese Medicine Integrated with Western Medicine, College of Traditional Chinese Medicine, Shandong Uni-

versity of Traditional Chinese Medicine, 16,369 Jingshi Road, Lixia District, Jinan, Shandong, 250355, People's Republic of China.

**The corrected version of affiliation 1 is:** Shandong University of Traditional Chinese Medicine, Jinan, Shandong, 250014, People's Republic of China.

**The incorrect background text was:** Two-component systems (TCSs) assume a pivotal function in *Mycobacterium tuberculosis* (*M.tuberculosis*) growth. However, the exact regulatory mechanism of this system needs to be elucidated, and only a few studies have investigated the effect of gene mutations within TCSs on *M.tuberculosis* transmission. This research explored the relationship between TCSs gene mutation and the global transmission of (*M.tuberculosis*).

**The corrected background text is:** Two-component systems (TCSs) play a crucial role in the growth of *Mycobacterium tuberculosis* (*M. tuberculosis*). However, the precise regulatory mechanism of their contribution remains to be elucidated, and only a limited number of studies have investigated the impact of gene mutations within TCSs on the transmission of *M. tuberculosis*. Therefore, this study aims to explore the relationship between TCSs gene mutation and the global transmission of *M. tuberculosis*.

The original article has been updated.

The online version of the original article can be found at <https://doi.org/10.1186/s12864-023-09788-2>.

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genome sequencing. *BMC Genomics*. 2023;24:718. <https://doi.org/10.1186/s12864-023-09788-2>.

#### References

1. Li Y, Kong X, Li Y, et al. Association between two-component systems gene mutation and *Mycobacterium tuberculosis* transmission revealed by whole

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