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# Correction to: Two MYB transcription factors (CsMYB2 and CsMYB26) are involved in flavonoid biosynthesis in tea plant [Camellia sinensis (L.) O. Kuntze]

Wen-Li Wang<sup>†</sup>, Yong-Xin Wang<sup>†</sup>, Hui Li, Zhi-Wei Liu, Xin Cui and Jing Zhuang<sup>\*</sup>

# Correction to: Wang et al. BMC Plant Biology https://doi.org/10.1186/s12870-018-1502-3

Following publication of the original article [1], the author reported that there was a mismatch between figures and their legends. The correct figures and legends are as follows:

# Correction 1: Page 3 (Fig. 1).

Please change the legend to 'Fig. 1 Gene sequences of *CsMYB2* and *CsMYB26* with the deduced amino acid sequences. (A) *CsMYB2* gene. (B) *CsMYB26* gene.'.

#### Correction 2: Page 4 (Fig. 2).

Please change the legend to 'Fig. 2 Unrooted phylogenetic tree of CsMYB2 and CsMYB26 with R2R3-MYB-type *A. thaliana* TFs. A phylogenetic tree was built using the neighbor-joining method with MEGA 5 software. The putative functions of all R2R3-MYBs are listed on the right.'.

## Correction 3: Page 5 (Fig. 3).

Please change the legend to 'Fig. 3 Phylogenetic relationships among CsMYB2, CsMYB26 and flavonoid-related R2R3-MYBs from other plant species.

A phylogenetic tree was built using the neighbor-joining method with MEGA 5 software. The putative functions of all R2R3-MYBs are listed on the right.'.

# Correction 4: Page 6 (Fig. 4).

Please change the legend to 'Fig. 4 Alignment of the deduced amino acid sequences of CsMYB2 and CsMYB26 with those of R2R3-MYB proteins from other plant species.'

Correction 5: Page 6 (Fig. 5).

Please change the legend to 'Fig. 5 Subcellular localization of CsMYB2.

BF: Bright-field microscopy image. GFP: Green fluorescence image. Merge: Merged bright-field and green fluorescence images.'

#### Correction 6: Page 7 (Fig. 6).

Please change the legend to 'Fig. 6 Interaction network of CsMYB2, CsMYB26 and the structural genes involved in flavonoid biosynthesis.'.

#### Correction 7: Page 8 (Fig. 7).

Please change the legend to 'Fig. 7 Expression profiles of *CsMYB2*, *CsMYB26* and structural genes under ABA and shading treatments. (A) ABA treatment. (B) shading treatment.'.

#### Correction 8: Page 8 (Fig. 8).

Please change the legend to 'Fig. 8 Relative expression analyses of *CsMYB2* and *CsMYB26* in the leaves from different sites in tea plant.'.

## Correction 9: Page 9 (Fig. 9).

Please change the legend to 'Fig. 9 Relative expression analyses of genes involved in the flavonoid biosynthesis pathway in the leaves from different sites in tea plant.'.

#### Correction 10: Page 9 (Fig. 10).

Please change the legend to 'Fig. 10 HPLC chromatogram of catechins in leaves from different sites in the 'Longjing 43' and 'Baiye 1 hao' cultivars.'.

# Correction 11: Page 10 (Fig. 11).

Please change the legend to 'Fig. 11 Various catechin monomer content analyses were performed.'.

#### Correction 12: Page 10 (Fig. 12).

Please change the legend to 'Fig. 12 Content analysis of anthocyanins and soluble proanthocyanidins. (A) Anthocyanin content. (B) Soluble proanthocyanidin content.'.

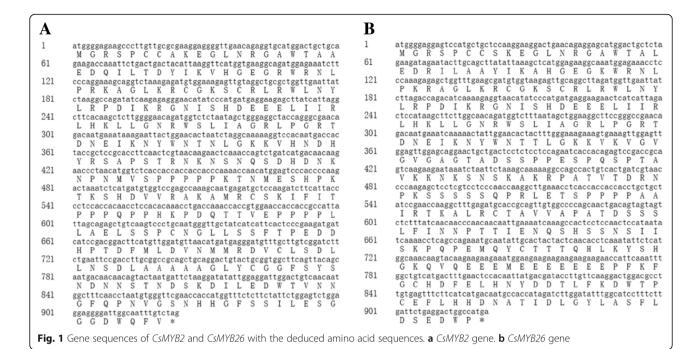
Correction 13: Page 12 (Fig. 13).



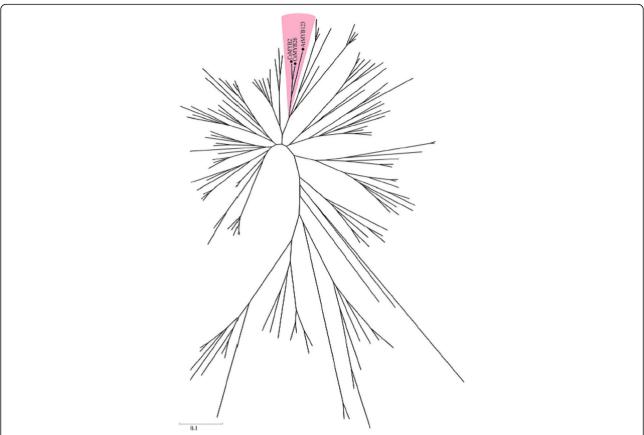
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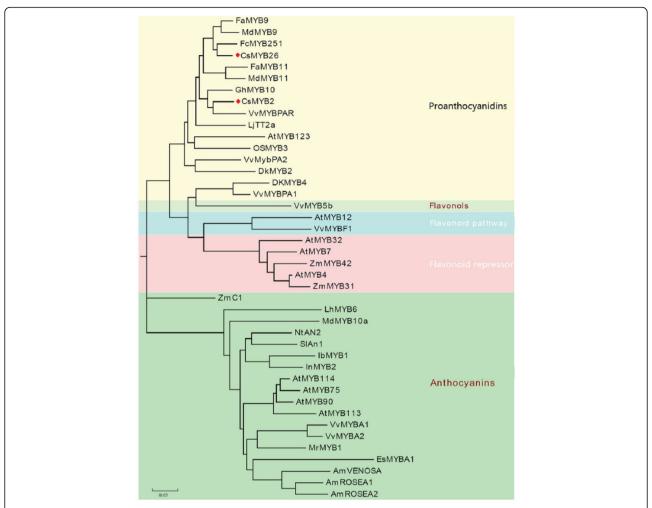


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**Fig. 2** Unrooted phylogenetic tree of CsMYB2 and CsMYB26 with R2R3-MYB-type *A. thaliana* TFs. A phylogenetic tree was built using the neighbor-joining method with MEGA 5 software. The putative functions of all R2R3-MYBs are listed on the right

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**Fig. 3** Phylogenetic relationships among CsMYB2, CsMYB26 and flavonoid-related R2R3-MYBs from other plant species. A phylogenetic tree was built using the neighbor-joining method with MEGA 5 software. The putative functions of all R2R3-MYBs are listed on the right

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Fig. 4 Alignment of the deduced amino acid sequences of CsMYB2 and CsMYB26 with those of R2R3-MYB proteins from other plant species

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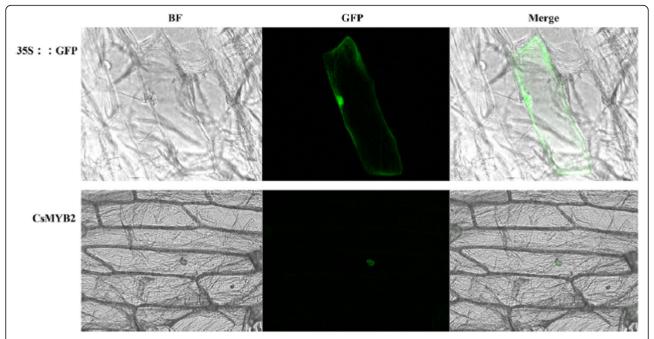
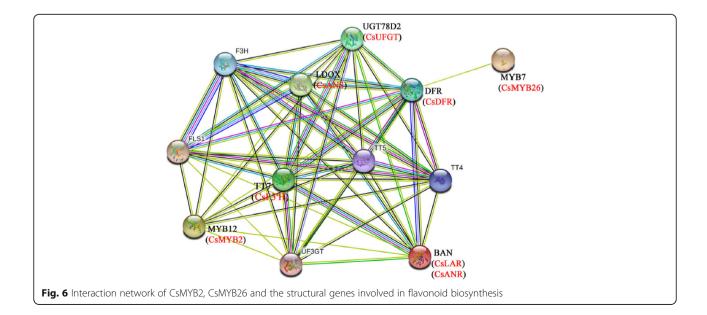
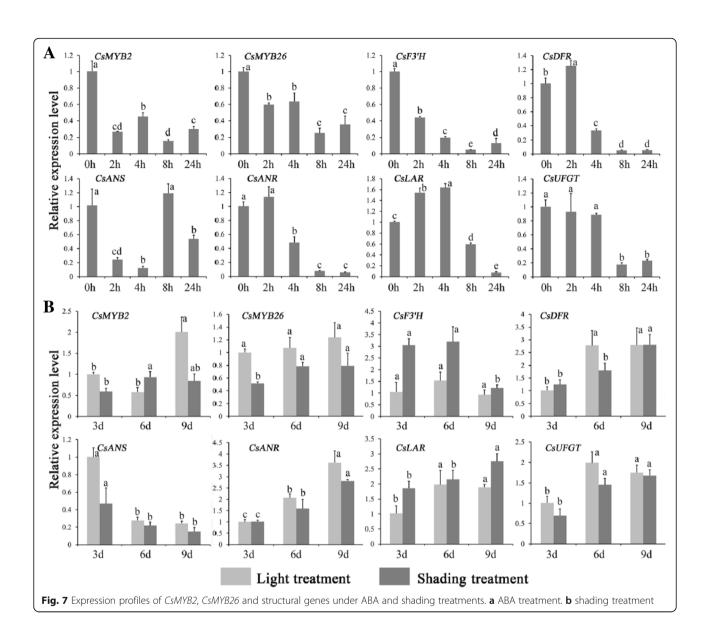


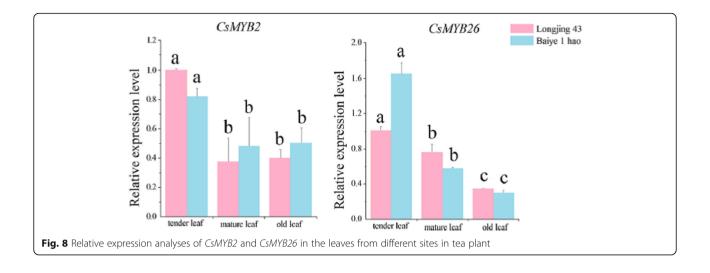
Fig. 5 Subcellular localization of CsMYB2. BF: Bright-field microscopy image. GFP: Green fluorescence image. Merge: Merged bright-field and green fluorescence images

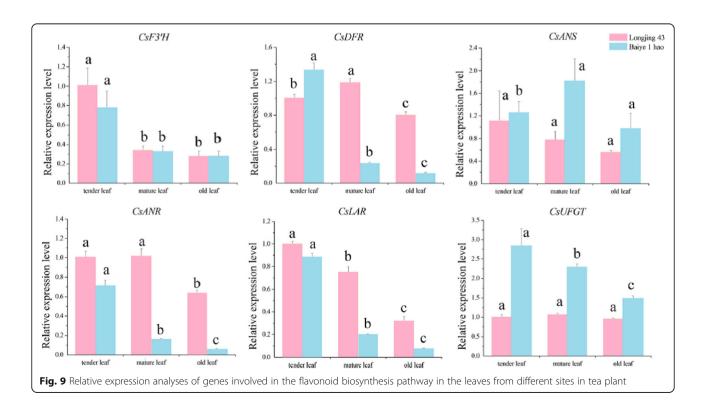


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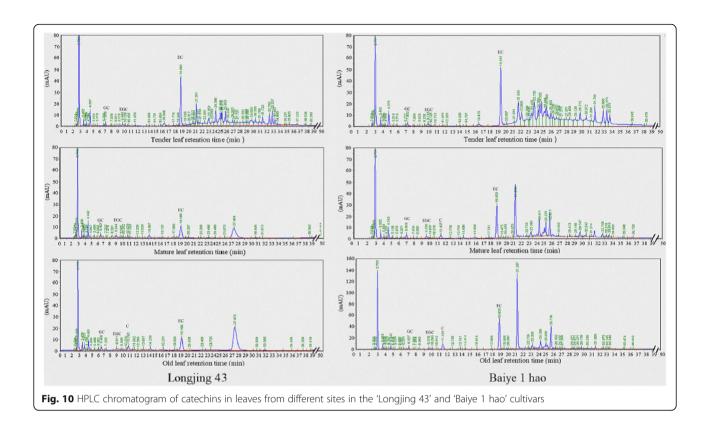


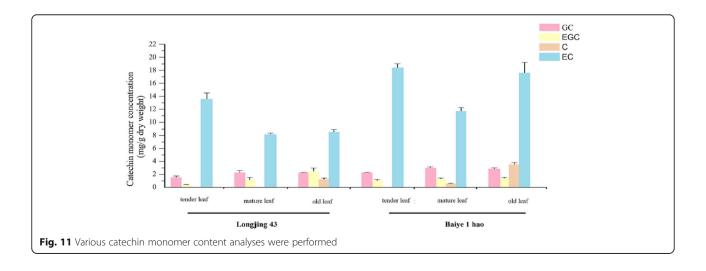
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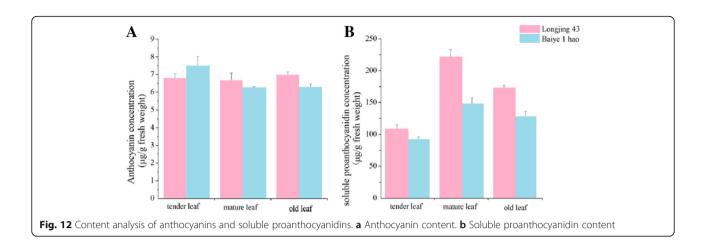


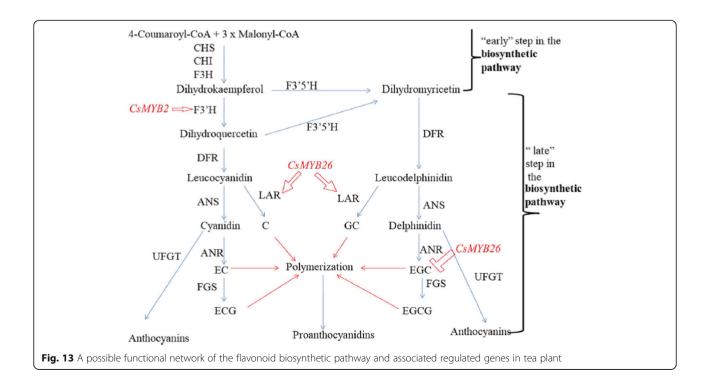
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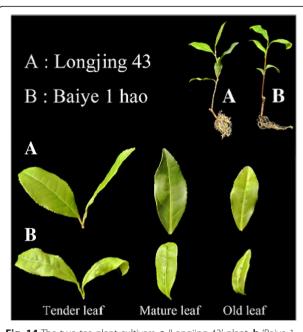


Fig. 14 The two tea plant cultivars,  ${\bf a}$  'Longjing 43' plant,  ${\bf b}$  'Baiye 1 hao' plant

Please change the legend to 'Fig. 13 A possible functional network of the flavonoid biosynthetic pathway and associated regulated genes in tea plant.'.

# Correction 14: Page 12 (Fig. 14).

Please change the legend to 'Fig. 14 The two tea plant cultivars. (A) 'Longjing 43' plant. (B) 'Baiye 1 hao' plant..'

The original article has been corrected.

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#### Reference

 Wang, et al. Two MYB transcription factors (CsMYB2 and CsMYB26) are involved in flavonoid biosynthesis in tea plant [Camellia sinensis (L.) O. Kuntze]. BMC Plant Biol. 2018;18:288. https://doi.org/10.1186/s12870-018-1502-3.