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Author Correction: Comparative transcriptome analysis reveals differentially expressed genes related to the tissue-specific accumulation of anthocyanins in pericarp and aleurone layer for maize

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-018-37697-y>, published online 21 February 2019

This Article contains errors.

The Article states throughout that the gene GRMZM2G089528 is annotated as flavonoid 3', 5'-hydroxylase or one of members of CYP706A protein. It should state that the gene GRMZM2G089528 is annotated as predicted flavonoid 3', 5'-hydroxylase or one of members of CYP706A protein.

Two references were omitted and should be cited in the Introduction as Ref 36 and 37 as below:

“Corn (*Zea mays*) is one kind anthocyanins-rich source in cereals^{2,11}.”

should read:

“Corn (*Zea mays*) is one kind anthocyanins-rich source in cereals^{2,11, 36, 37}.”

These references are cited below as Reference 36 and 37, respectively.

Additionally, the Data Availability section in the original version of this Article was omitted.

It now appears as below:

Data availability

Raw RNA-sequencing data generated for this study is deposited in the NCBI Short Read Archive with the accession code PRJNA548440.

Finally, the lists of DEGs and transcription factors generated in this study are included in the Supplementary Information files included with this notice (Supplementary Tables 1 and 2, and Supplementary Table 3 and 4, respectively), as are FASTA files with DEG sequences.

Published online: 11 April 2022

References

36. Styles, E. D., Ceska, O. & Seah, K. T. Developmental differences in action of R and B alleles in Maize. *Can. J. Genet. Cytol.* **15**, 59–72 (1973).
37. Cone, K. C., Cocciolone, S. M., Burr, F. A. & Burr, B. Maize anthocyanin regulatory gene *pl* is a duplicate of *c1* that functions in the plant. *Plant Cell* **5**, 1795–1805 (1993).

Additional information

Supplementary Information The online version contains supplementary material available at <https://doi.org/10.1038/s41598-022-09965-5>.



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