

AUTHOR CORRECTION

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# Author Correction: Spatiotemporal transcriptomics reveals key gene regulation for grain yield and quality in wheat

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The original article can be found online at <https://doi.org/10.1186/s13059-025-03569-8>.

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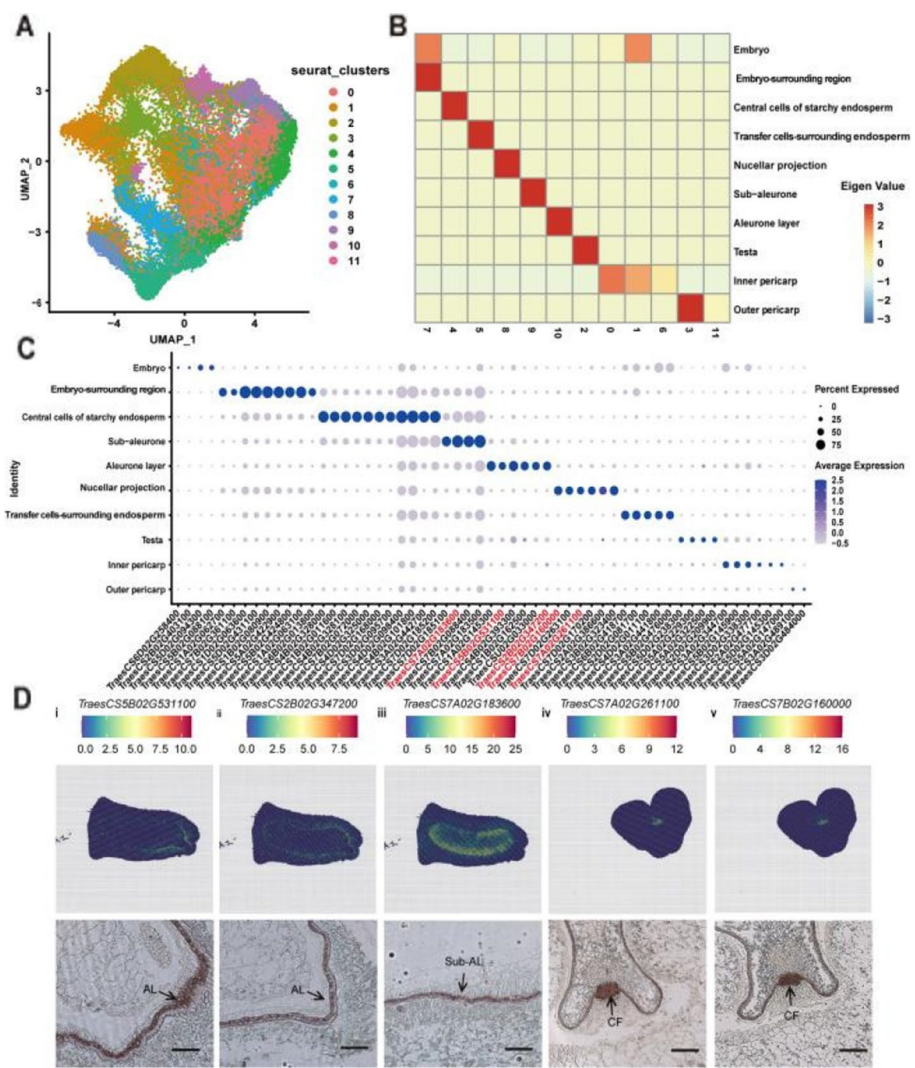
<https://doi.org/10.1186/s13059-025-03569-8>

Following publication of the original article [1], the authors identified errors in Figure 2, Figure 4 and Table S6. In Figure 2C, a misalignment occurred between cell types and gene identifiers. This has been corrected to ensure each label accurately corresponds to its respective data series.

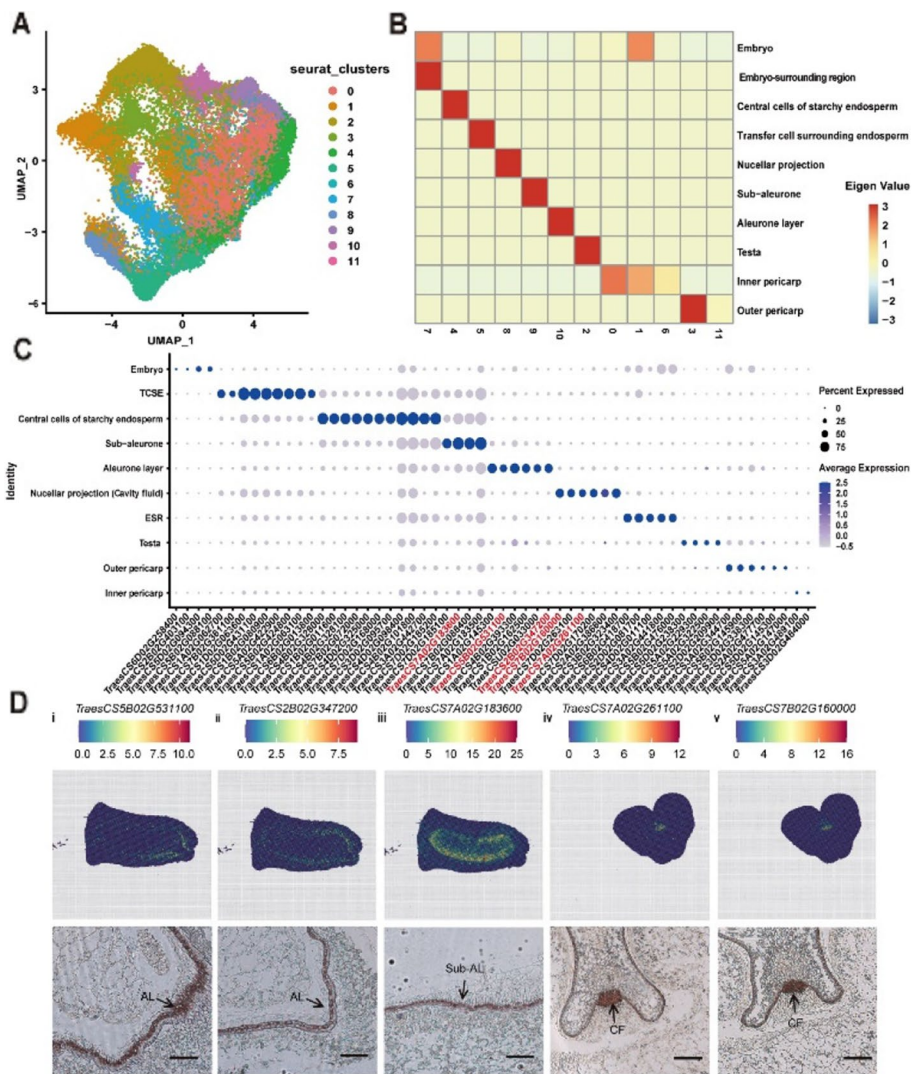


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The incorrect Fig. 2 is given below

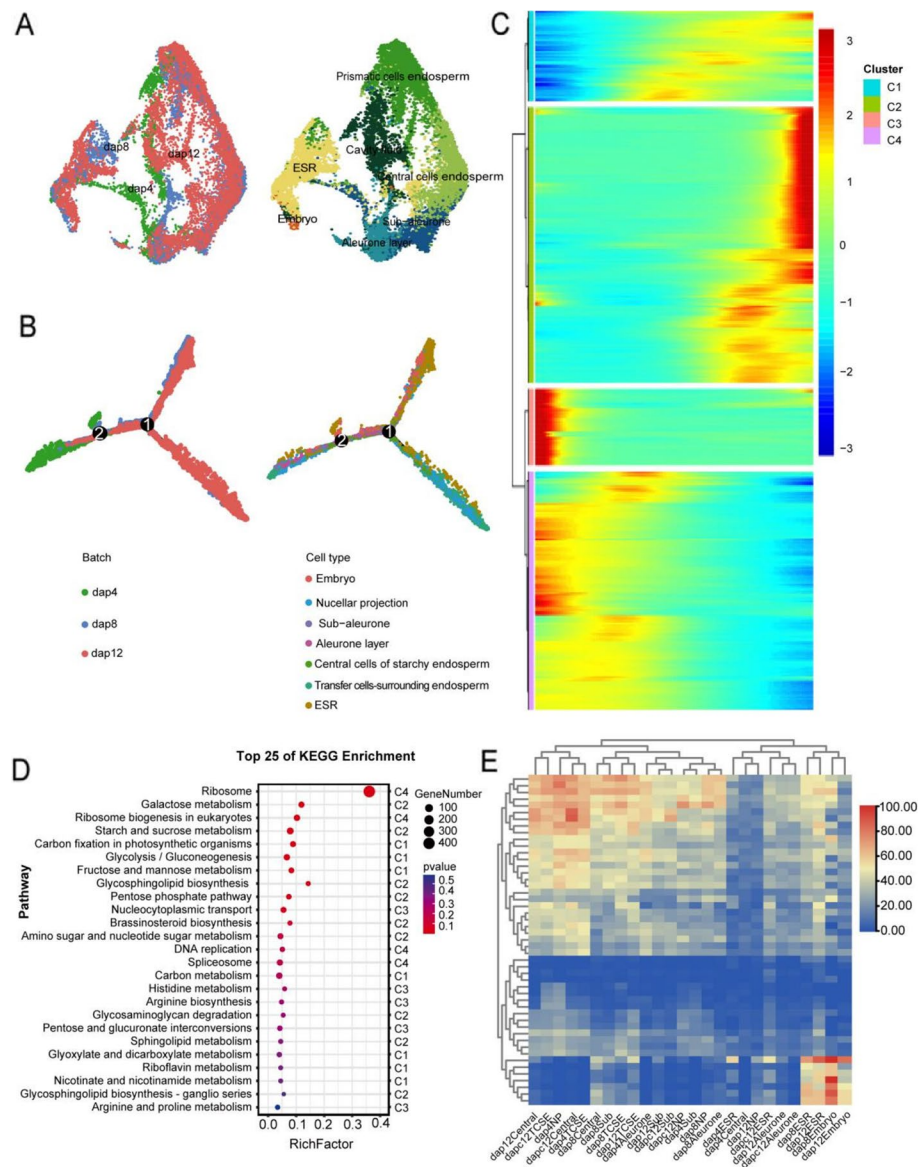


The correct Fig. 2 is given below

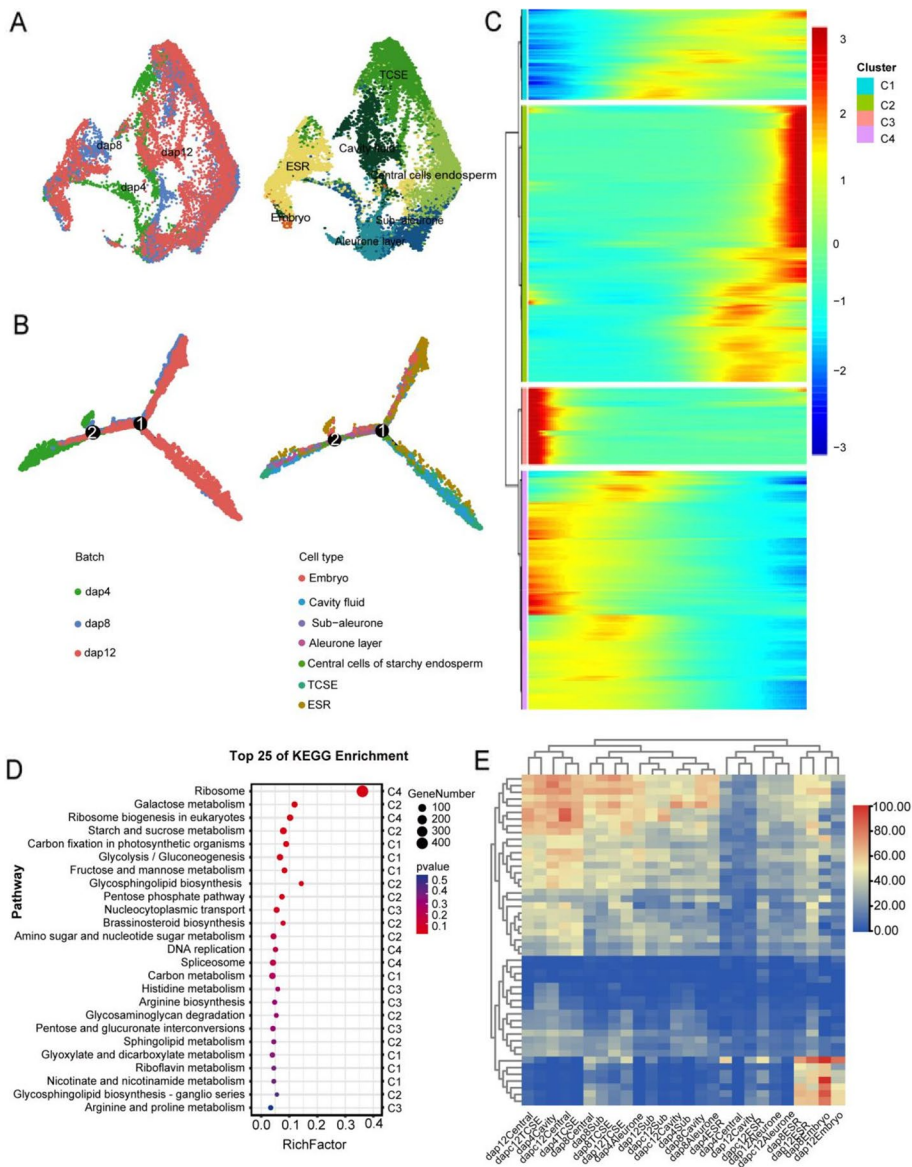


In Figure 4A and Table S6, a cell type was incorrectly labeled. Specifically, “Prismatic cells of starchy endosperm” was a mislabeling and has been corrected to “TCSE” throughout the table. All associated data in the table remains valid; only the identifying label required correction.

The incorrect Fig. 4 is given below



The correct Fig. 4 is given below



The modified additional file 7 (Table S6.) is published in this correction.

The changes in this correction article do not affect the scientific content or the results of this paper. The original article [1] is corrected.

**Supplementary Information**

The online version contains supplementary material available at <https://doi.org/10.1186/s13059-026-04065-3>.

Additional file 7: Table S6. Molecular marker genes in different cell types.

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1. Li X, Wan Y, Wang D, et al. Spatiotemporal transcriptomics reveals key gene regulation for grain yield and quality in wheat. *Genome Biol.* 2025;26:93. <https://doi.org/10.1186/s13059-025-03569-8>.