

Author Correction: Characterization of two pterocarpan glycosyltransferases in *Astragalus membranaceus* and their application in whole-cell biocatalysis

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Since the publication of this article, the authors have noticed the following errors:

1. **Figure 1** was published with incorrect names and ambiguous stereochemistry for compounds **1** and **1a**. The correct names of compound **1** and compound **1a** have been revised to (–)-Astrapterocarpan and (–)-Astrapterocarpan-3-O-glucoside, respectively. The correct stereochemical configurations have been added to compounds **1** and **1a**.

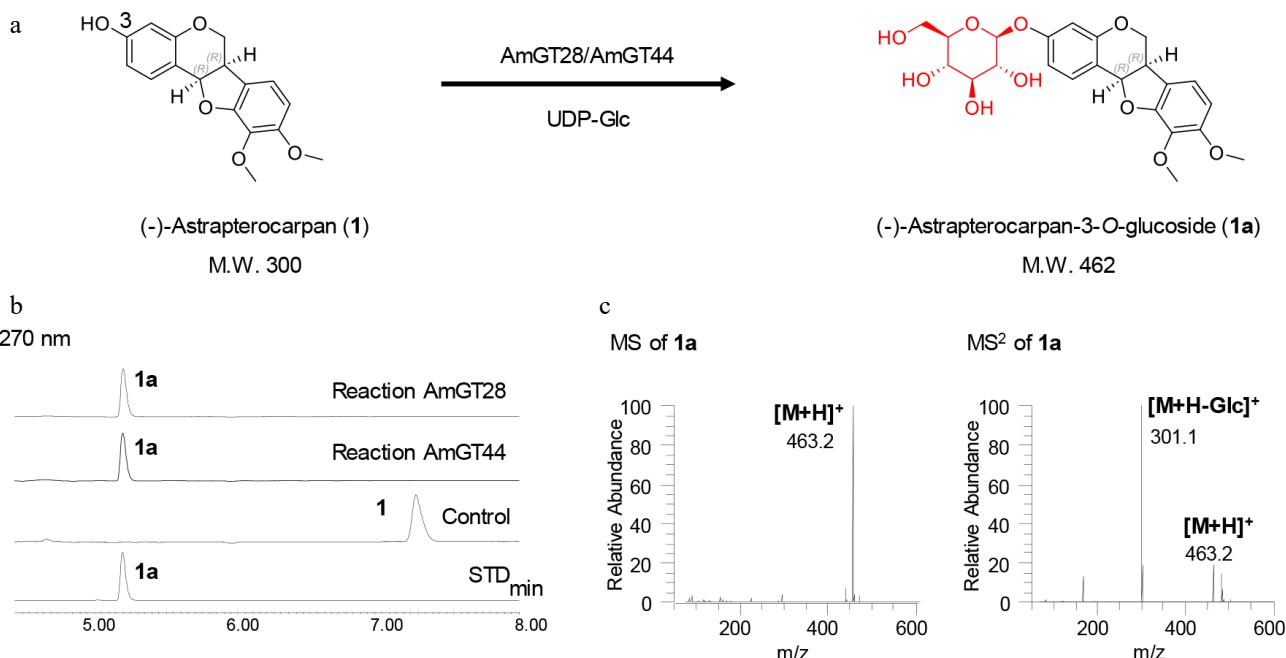


Fig. 1 Functional characterization of AmGT28 and AmGT44. (a) Glycosylation of **1** by recombinant AmGT28/AmGT44 to produce **1a** using UDP-Glc as the sugar donor. (b) UHPLC/UV chromatograms of the enzymatic reaction mixture. Control, reactions conducted using boiled protein; STD, reference standard. (c) MS and MS/MS spectra of **1a** in the positive ion mode from the reaction catalyzed by AmGT28.

2. The following text also mentions the name of **1** or **1a** and should be corrected accordingly:

Page no. on original PDF proof	Line	Original text	Corrected text
1 (Abstract)	3	medicarpin (1)	(–)-astrapterocarpan (1)
1 (Abstract)	3	medicarpin 3-O-glucoside (1a)	(–)-astrapterocarpan 3-O-glucoside (1a)
3	Left, 21	medicarpin (1)	(–)-astrapterocarpan (1)
3	Left, 24	medicarpin (1)	(–)-astrapterocarpan (1)
3	Left, 27	medicarpin 3-O-glucoside (1a)	(–)-astrapterocarpan 3-O-glucoside (1a)

3. **Figure 2** was published with incorrect structures of the compound **3** and ambiguous stereochemistry for compounds **1–3**. Corrections have been applied to the structure of compound **3**. The correct stereochemical configurations have been added to compounds **1–3**.

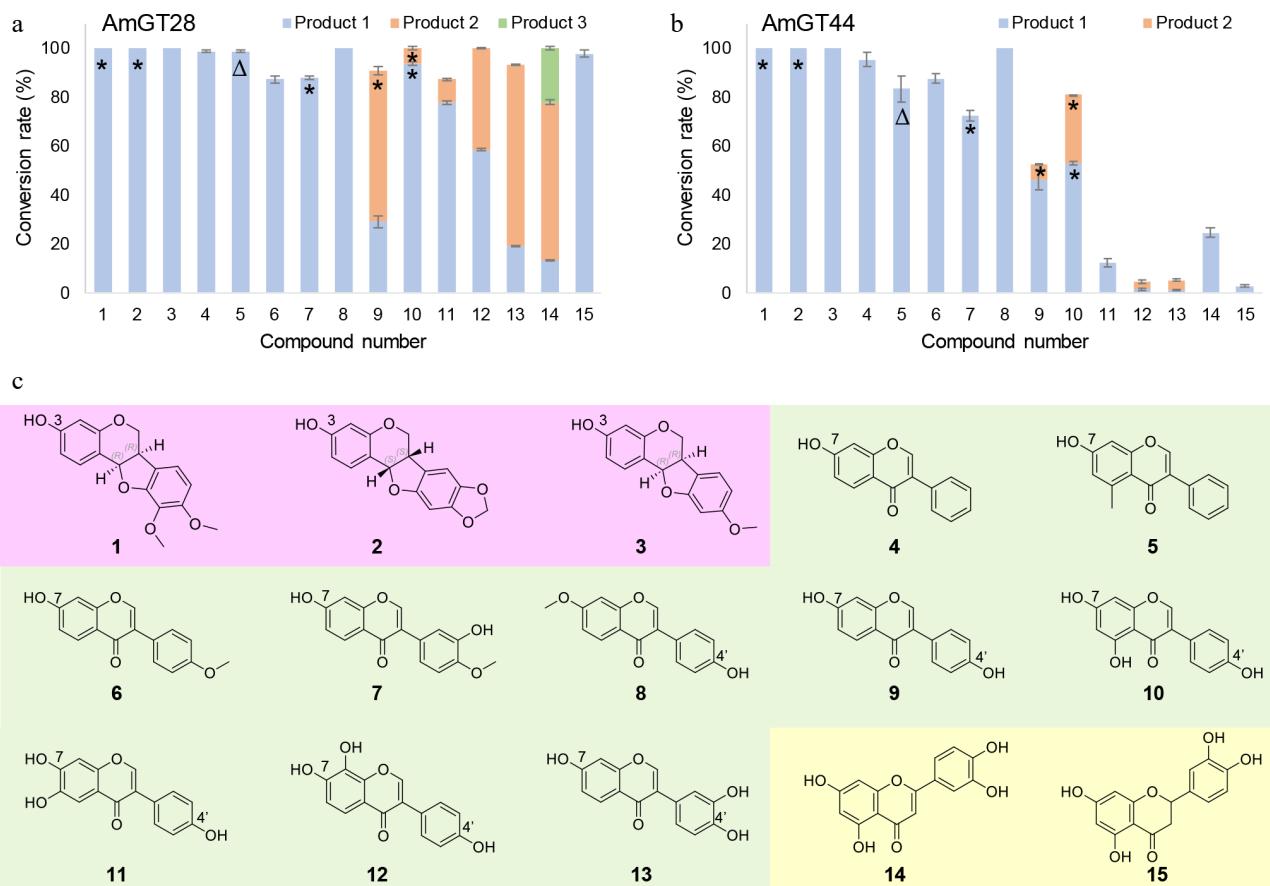


Fig. 2 Substrate specificity of AmGT28 and AmGT44. (a), (b) Conversion rates (%) of glycosylated products for substrates **1–15**, using UDP-Glc as the sugar donor ($n = 3$). *, Products identified by comparing with reference standards; Δ , product purified from scaled-up reactions and characterized by NMR. (c) Structures of substrates **1–15**.

4. **Supplementary Fig. S3** and **S13** were published with incorrect structures. The structures of compounds **3**, **3a**, **13**, and **13a** have now been corrected and available online.

5. **Supplementary Table S4** was published with incorrect data due to the wrong input of the structures. The partition coefficient of compound **8** has now been corrected and available online.

The authors would like to apologize for these errors.

The original article has been corrected in the HTML and PDF versions.

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