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### Title

Correction to: Production efficiency of the bacterial non-ribosomal peptide indigoidine relies on the respiratory metabolic state in *S. cerevisiae*

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CORRECTION

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# Correction to: Production efficiency of the bacterial non-ribosomal peptide indigoidine relies on the respiratory metabolic state in *S. cerevisiae*

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## Correction to: *Microb Cell Fact* (2018) 17:193

<https://doi.org/10.1186/s12934-018-1045-1>

Following publication of the original article [1], the authors have noted that the standard curve in Additional file 1: Figure S7 is incorrect.

The authors have since corrected the standard curve for Additional file 1: Figure S7 and recalculated the Titers (as  $\text{g L}^{-1}$ ) of the final product Indigoidine.

Please note that by using the corrected standard curve, the titer values in the following figures are altered: Figs. 3, 4, and 5.

However, none of the raw measurements have changed, the Figure captions are not affected and the conclusions remain unchanged.

The corrections are provided by this article (please find detailed below).

Statements in the manuscript that refer to the numerical titer values are corrected as follows:

*In the abstract*, the corrected manuscript should state:

...reaching a maximum titer of 209.9 mg/L...

*In results on page 6*, the corrected manuscript should state:

...reaching 209.9 mg/L...

*In conclusions on page 7*, the corrected manuscript should state:

...achieving 209.9 mg/L...

The original article can be found online at <https://doi.org/10.1186/s12934-018-1045-1>.

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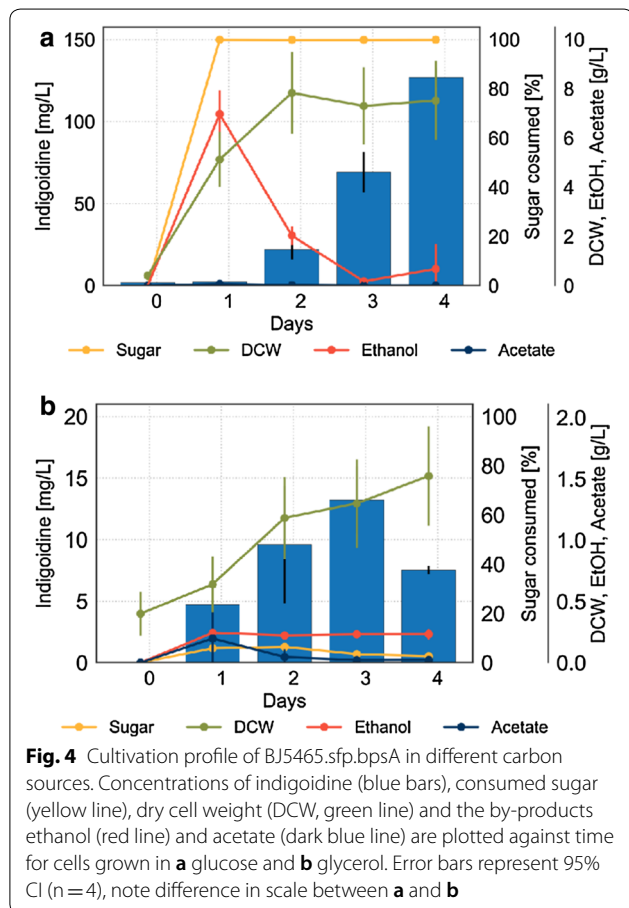
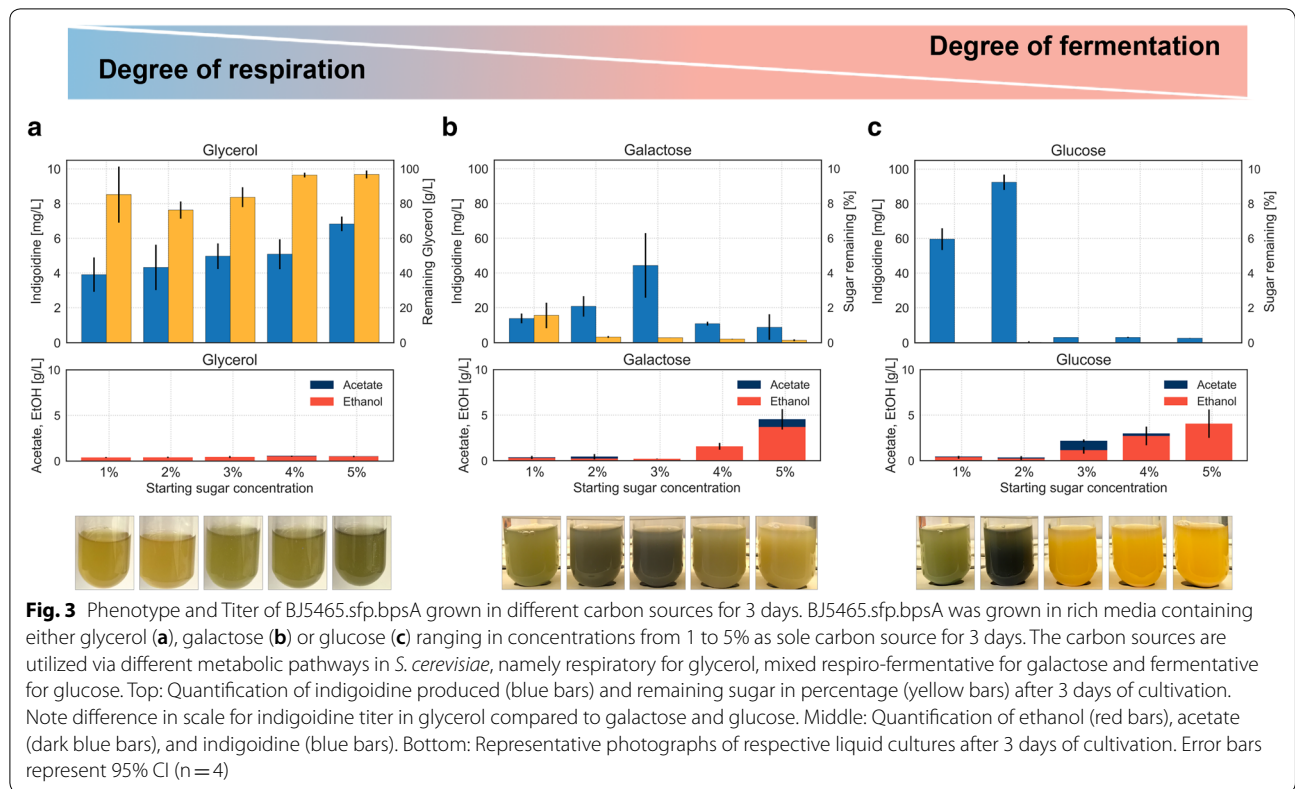
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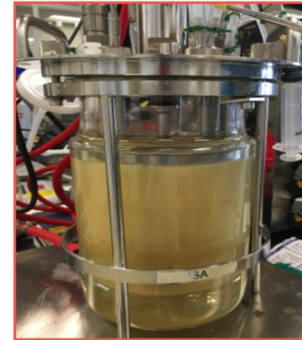
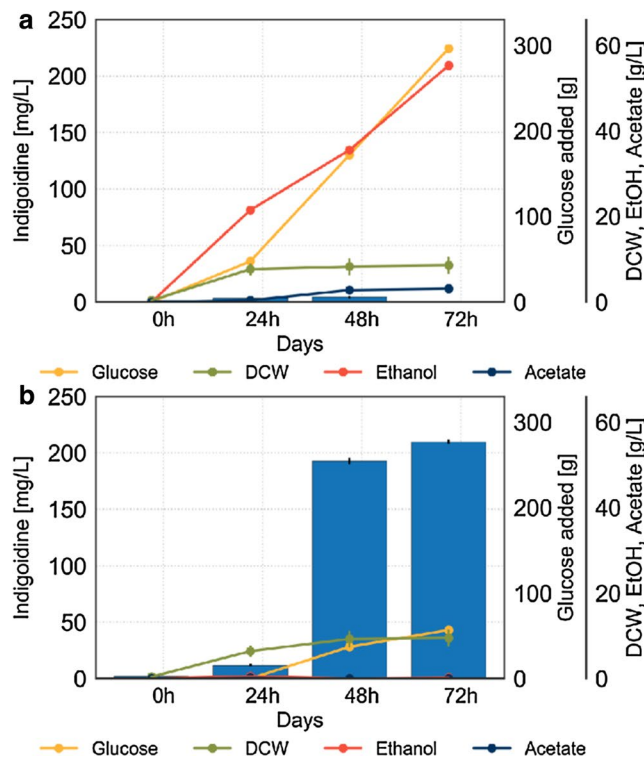
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**Fig. 5** Regulated environment in 2 L bioreactor enables control over metabolic state. Fed-batch fermentation of BJ5465.sfp.bpsA with **a** excess glucose feed or **b** signal-based pulse feeding strategy resulting in glucose starvation conditions. Lines represent concentrations of total glucose fed and ethanol and acetate produced; bars represent indigoidine concentration.  $N=3$  technical replicates for indigoidine extraction and DCW measurements. Additional process parameters and gas analysis can be found in Additional file 1: Figures S4 and S5

## Supplementary information

**Supplementary information** accompanies this paper at <https://doi.org/10.1186/s12934-019-1262-2>.

**Additional file 1: Figure S7.** Standard curve of Indigoidine absorbance at 612 nm in DMSO. Absorbance values were obtained for serial dilutions of purified Indigoidine in DMSO. The equation for the trendline is:  $y = 0.152x - 0.111$   $R^2 = 0.9986$ . Indigoidine was purified from microbial cultures per Yu et al. (<https://doi.org/10.1007/s10295-012-1207-9>). Figure shows one representative plot (of three), each with measurements in triplicate.

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## Reference

1. Wehrs M, Pahl J-P, Moon J, Li Y, Tanjore D, Keasling JD, Pray T, Mukhopadhyay A. Production efficiency of the bacterial non-ribosomal peptide indigoidine relies on the respiratory metabolic state in *S. cerevisiae*. *Microb Cell Fact*. 2018;17:193. <https://doi.org/10.1186/s12934-018-1045-1>.

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