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Title: Modulation of the Glycerol Phosphate availability led to concomitant reduction in the citric acid excretion and increase in lipid content and yield in *Yarrowia lipolytica*

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Modulation of the Glycerol Phosphate availability led to concomitant reduction in the citric acid excretion and increase in lipid content and yield in *Yarrowia lipolytica*

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Highlights

- Overexpression of yIDGA2 and yIGPD1 led to 3-fold increase in TAG content
- Overexpression of yIDGA2 and yIGPD1 led to 4-fold increase in lipid yield
- DGA2-GPD1 overexpressing strain was more robust towards N/C fluctuations

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