


Light-Controlled Fermentations for Microbial Chemical and Protein Production

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Figure 1A: Adapted from Zhao, E.M. et al. Optogenetic regulation of engineered cellular metabolism for microbial chemical production. *Nature*. 555 (7698), 683–687, doi: 10.1038/nature26141 (2018).



Optogenetic regulation of engineered cellular metabolism for microbial chemical production
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Design and Characterization of Rapid Optogenetic Circuits for Dynamic Control in Yeast Metabolic Engineering
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Figures 3 and 7: Lalwani, M.A. et al. Optogenetic control of the lac operon for bacterial chemical and protein production. *Nature Chemical Biology*. 17 (1), 71–79, doi: 10.1038/s41589-020-0639-1 (2021).



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