Accepted Manuscript

Title: Prospects and progress in the production of valuable carotenoids: insights from metabolic engineering, synthetic biology, and computational approaches

Authors: Sankari Mohan, Priya Rajendra Rao, Hridya Hemachandran, Phani Kumar Pullela, George Priya Doss C, Iftikhar Aslam Tayubi, Babu Subramanian, Gothandam KM, Pooja Singh, Siva Ramamoorthy



PII: S0168-1656(17)31767-4

DOI: https://doi.org/10.1016/j.jbiotec.2017.12.010

Reference: BIOTEC 8072

To appear in: Journal of Biotechnology

Received date: 4-7-2017 Revised date: 9-11-2017 Accepted date: 10-12-2017

Please cite this article as: Sankari, Mohan, Rao, Priya Rajendra, Hemachandran, Hridya, Pullela, Phani Kumar, Doss C, George Priya, Tayubi, Iftikhar Aslam, Subramanian, Babu, Gothandam, KM, Singh, Pooja, Ramamoorthy, Siva, Prospects and progress in the production of valuable carotenoids: insights from metabolic engineering, synthetic biology, and computational approaches. Journal of Biotechnology https://doi.org/10.1016/j.jbiotec.2017.12.010

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Prospects and progress in the production of valuable carotenoids: insights from metabolic engineering, synthetic biology, and computational approaches

Sankari Mohan¹, Priya Rajendra Rao¹, Hridya Hemachandran¹, Phani Kumar Pullela²,

George Priya Doss C¹, Iftikhar Aslam Tayubi³, Babu Subramanian¹, Gothandam KM¹, Pooja

Singh⁴, Siva Ramamoorthy*¹

¹School of BioSciences and Technology, VIT University, Vellore – 632014,

Tamil Nadu, India

²Department of Chemistry, CMRIT, Bengaluru, India

³Faculty of Computing and Information Technology Rabigh, King Abdulaziz University, Jeddah 21911, Saudi Arabia

⁴Centre for Biotechnology in Agriculture Research,

University of Malaya, Kuala Lumpur, Malaysia.

School of Bio Sciences and Technology, VIT University, Vellore – 632014,

Tamil Nadu, India

*Corresponding author:

Tel: (+91)9443448905

Fax: (+91) 416 2243092

Email: siva.ramamoorthy@gmail.com

Download English Version:

https://daneshyari.com/en/article/6490392

Download Persian Version:

https://daneshyari.com/article/6490392

<u>Daneshyari.com</u>