



Corrigendum: Genetic Regulation of Alginate Production in *Azotobacter vinelandii* a Bacterium of Biotechnological Interest: A Mini-Review

Cinthia Núñez^{1†}, Liliana López-Pliego², Carlos Leonel Ahumada-Manuel¹ and Miguel Castañeda^{2*†}

¹ Departamento de Microbiología Molecular, Instituto de Biotecnología, Universidad Nacional Autónoma de México, Cuernavaca, Mexico, ² Centro de Investigaciones en Ciencias Microbiológicas, Instituto de Ciencias, Benemérita Universidad Autónoma de Puebla, Puebla, Mexico

OPEN ACCESS

Approved by:

Frontiers Editorial Office,
Frontiers Media SA, Switzerland

*Correspondence:

Miguel Castañeda
miguel.castaneda@correo.buap.mx

[†] These authors share
senior authorship

Specialty section:

This article was submitted to
Microbiotechnology,
a section of the journal
Frontiers in Microbiology

Received: 10 May 2022

Accepted: 11 May 2022

Published: 09 June 2022

Citation:

Núñez C, López-Pliego L,
Ahumada-Manuel CL and
Castañeda M (2022) Corrigendum:
Genetic Regulation of Alginate
Production in *Azotobacter vinelandii* a
Bacterium of Biotechnological
Interest: A Mini-Review.
Front. Microbiol. 13:940908.
doi: 10.3389/fmicb.2022.940908

Keywords: alginate, *Azotobacter vinelandii*, genetic regulation, GacS/A-Rsm, c-di-GMP

A Corrigendum on

Genetic Regulation of Alginate Production in *Azotobacter vinelandii* a Bacterium of Biotechnological Interest: A Mini-Review
by Núñez, C., López-Pliego, L., Ahumada-Manuel, C. L., and Castañeda, M. (2022). *Front. Microbiol.* 13:845473. doi: 10.3389/fmicb.2022.845473

In the original article, there was a mistake in **Figure 1A** as published. The names of the third and fourth enzymes of the alginate synthesis pathway are wrong. The correct name for the third enzyme is GDP-mannose pyrophosphorylase (AlgA), and the correct name for the fourth enzyme is GDP-mannose dehydrogenase (AlgD). The corrected figure appears below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

Publisher's Note: All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.

Copyright © 2022 Núñez, López-Pliego, Ahumada-Manuel and Castañeda. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

