



## OPEN ACCESS

EDITED AND REVIEWED BY  
Manuel Espinosa,  
Margarita Salas Center for Biological  
Research (CSIC), Spain

\*CORRESPONDENCE  
María Cecilia Mansilla,  
mansilla@ibr-conicet.gov.ar

SPECIALTY SECTION  
This article was submitted to Molecular  
Recognition,  
a section of the journal  
Frontiers in Molecular Biosciences

RECEIVED 29 July 2022  
ACCEPTED 08 August 2022  
PUBLISHED 31 August 2022

CITATION  
Fernández P, Díaz AR, Ré MF, Porrini L,  
de Mendoza D, Albanesi D and  
Mansilla MC (2022), Corrigendum:  
Identification of novel thermosensors in  
gram-positive pathogens.  
*Front. Mol. Biosci.* 9:1007054.  
doi: 10.3389/fmolb.2022.1007054

COPYRIGHT  
© 2022 Fernández, Díaz, Ré, Porrini, de  
Mendoza, Albanesi and Mansilla. 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.

# Corrigendum: Identification of novel thermosensors in gram-positive pathogens

Pilar Fernández<sup>1</sup>, Alejandra Raquel Díaz<sup>2</sup>, María Florencia Ré<sup>1</sup>,  
Lucía Porrini<sup>3</sup>, Diego de Mendoza<sup>1,3</sup>, Daniela Albanesi<sup>1,3</sup> and  
María Cecilia Mansilla<sup>1,3\*</sup>

<sup>1</sup>Instituto de Biología Molecular y Celular de Rosario (IBR-CONICET), Rosario, Argentina,  
<sup>2</sup>Departamento de Biología, Bioquímica y Farmacia, Universidad Nacional del Sur and Centro de  
Recursos Naturales Renovables de la Zona Semi-árida (CERZOS-CONICET), Bahía Blanca, Argentina,  
<sup>3</sup>Departamento de Microbiología Facultad de Ciencias Bioquímicas y Farmacéuticas, Universidad  
Nacional de Rosario, Rosario, Argentina

## KEYWORDS

thermosensor, gram positive pathogen, ABC transporter, two component system, signalling

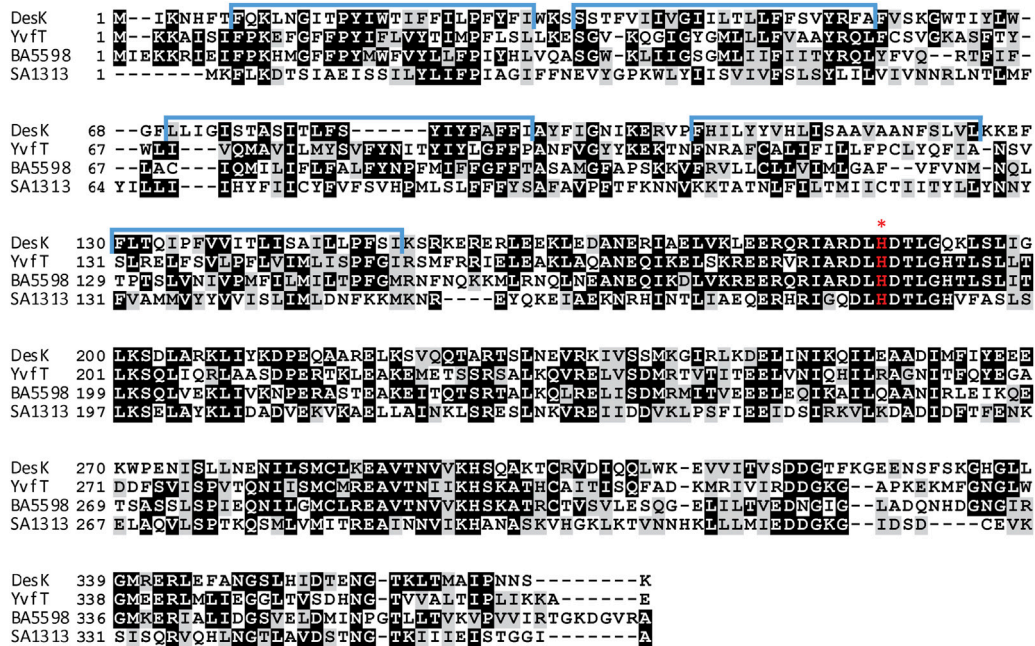
## A Corrigendum on Identification of novel thermosensors in gram-positive pathogens

by Fernández P, Díaz AR, Ré MF, Porrini L, de Mendoza D, Albanesi D and Mansilla MC (2020).  
*Front. Mol. Biosci.* 7:592747. doi: 10.3389/fmolb.2020.592747

In the published article, there was an error in [Figure 1](#) as published. The blue line delimiting DesK's first transmembrane segment should end at the aminoacid residue I30 instead of I24. The corrected [Figure 1](#) and its caption:

“Amino acid sequence alignment of HKs, DesK, YvfT, BA5598 and SA1313. Identical amino acids are shown highlighted in black and similar ones are highlighted in gray. TMS are marked above the DesK sequence in blue (Cybulski et al., 2010). The red asterisk indicates the phosphorylatable His” appear 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.



**FIGURE 1**  
Amino acid sequence alignment of HKs, DesK, Yvft, BA5598 and SA1313. Identical amino acids are shown highlighted in black and similar ones are highlighted in gray. TMS are marked above the DesK sequence in blue (Cybulski et al., 2010). The red asterisk indicates the phosphorylatable His.

## 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.