

## Accepted Manuscript

The MiiA motif is a common marker present in polytopic surface proteins of oral and urinary tract invasive bacteria

Antonio J. Martín-Galiano

PII: S1567-1348(17)30044-8

DOI: doi: [10.1016/j.meegid.2017.02.002](https://doi.org/10.1016/j.meegid.2017.02.002)

Reference: MEEGID 3064

To appear in: *Infection, Genetics and Evolution*

Received date: 1 September 2016

Revised date: 24 December 2016

Accepted date: 2 February 2017

Please cite this article as: Antonio J. Martín-Galiano , The MiiA motif is a common marker present in polytopic surface proteins of oral and urinary tract invasive bacteria. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Meegid(2017), doi: [10.1016/j.meegid.2017.02.002](https://doi.org/10.1016/j.meegid.2017.02.002)

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.



**The MiiA motif is a common marker present in polytopic surface proteins of oral and urinary tract invasive bacteria**

Antonio J. Martín-Galiano<sup>ab</sup>

<sup>a</sup>Instituto de Salud Carlos III, Centro Nacional de Microbiología, Carretera a Pozuelo, km 2.2, Majadahonda, 28220 Madrid, Spain

<sup>b</sup>Corresponding author: mgaliano@isci.iii.es

**Keywords:** Hidden Markov Model; Invasive Disease; Lectin; Modular Domain; Viridans Streptococci; Virulence Factor

**Running title:** MiiA-containing surface proteins

**Highlights:**

- MiiA is a 27mer motif found in surface proteins of Gram-positive bacteria
- MiiA repeats are part of disparate protein architectures
- MiiA-carrying species are associated to opportunistic endocarditis and sepsis
- The MiiA motif also occurs in commensals from which gene transfer may occur
- MiiA repeats may be involved in recognition of sugars in host receptors

Download English Version:

<https://daneshyari.com/en/article/5590632>

Download Persian Version:

<https://daneshyari.com/article/5590632>

[Daneshyari.com](https://daneshyari.com)