

University of Groningen

Identification of potential vaccine targets in livestock-associated *Staphylococcus aureus*

Vera Murguia, Elias

DOI:
[10.33612/diss.603997933](https://doi.org/10.33612/diss.603997933)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version
Publisher's PDF, also known as Version of record

Publication date:
2023

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):
Vera Murguia, E. (2023). *Identification of potential vaccine targets in livestock-associated Staphylococcus aureus*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen. <https://doi.org/10.33612/diss.603997933>

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Supplementary Figures 1 and 2

Molecular typing and antimicrobial resistance profiling of 33 mastitis-related *Staphylococcus aureus* isolates from cows in the Comarca Lagunera region of Mexico

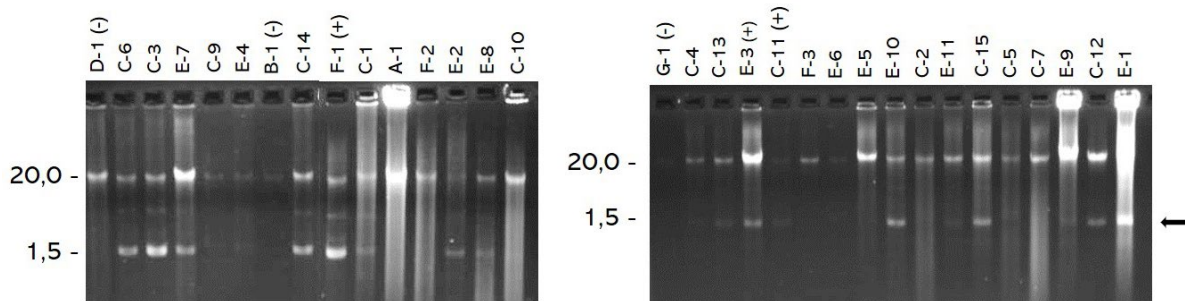
Y. Mora-Hernández¹, E. Vera Murguía¹, J. Stinenbosch¹, P. Hernández Jauregui²,
J. M. van Dijk^{1, #} and G. Buist¹

¹ University of Groningen, University Medical Center Groningen, Department of Medical Microbiology, Hanzeplein 1, P.O. Box 30001, 9700 RB Groningen, the Netherlands

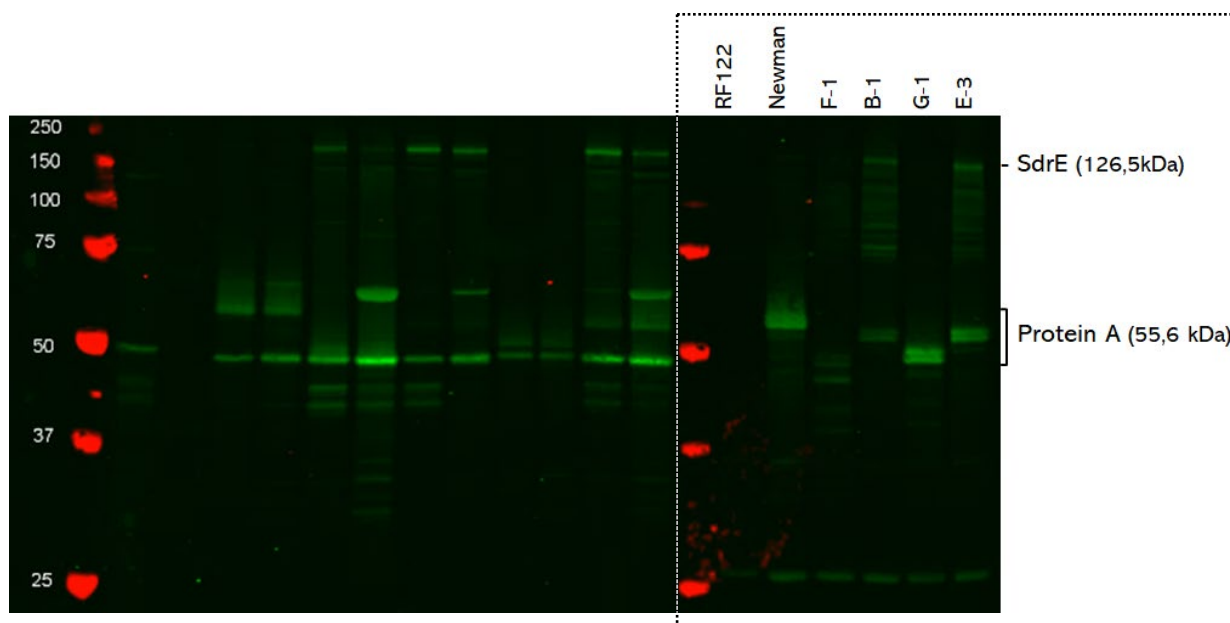
² Cyta Labs, Puebla, Mexico

#Corresponding author: Jan Maarten van Dijk, Department of Medical Microbiology, University of Groningen, University Medical Center Groningen, Hanzeplein 1, P.O. Box 30001, 9700 RB Groningen, the Netherlands. Phone: +31-50-3615187; Fax: +31 50 361 9150. E-mail: j.mvan.dijk01@umcg.nl

Running title: Typing Mexican *S. aureus* mastitis isolates



Supplementary Figure 1: Presence of pSAM1 in *S. aureus* isolates from cows with mastitis. The presence of plasmids in the different *S. aureus* isolates was assessed by agarose gel electrophoresis. The presence of a DNA band that is diagnostic for pSAM1 is marked by an arrow. Names of the investigated strains are indicated on top of the gel image. On the left of each gel, the sizes of 2 marker DNA fragments are indicated in kb. The Figure was created with Microsoft PowerPoint 2016.



Supplementary Figure 2: Original Western blot for Figure 4. The dotted box marks the segment of the Western blot that was used to create Figure 4. The Figure was created with Microsoft PowerPoint 2016.