## **Accepted Manuscript**

Detection of *Clostridium botulinum* neurotoxin genes (A - F) in dairy farms from Northern Germany using PCR: a case-control study

Svenja Fohler, Sabrina Discher, Eva Jordan, Christian Seyboldt, Guenter Klein, Heinrich Neubauer, Martina Hoedemaker, Theresa Scheu, Amely Campe, Katharina Jensen, Amir Abdulmawjood

PII: \$1075-9964(16)30022-1

DOI: 10.1016/j.anaerobe.2016.03.008

Reference: YANAE 1550

To appear in: Anaerobe

Received Date: 20 October 2015
Revised Date: 15 March 2016
Accepted Date: 21 March 2016

Please cite this article as: Fohler S, Discher S, Jordan E, Seyboldt C, Klein G, Neubauer H, Hoedemaker M, Scheu T, Campe A, Jensen K, Abdulmawjood A, Detection of *Clostridium botulinum* neurotoxin genes (A - F) in dairy farms from Northern Germany using PCR: a case-control study, *Anaerobe* (2016), doi: 10.1016/j.anaerobe.2016.03.008.

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

### 1 Detection of *Clostridium botulinum* neurotoxin genes (A - F) in dairy farms from

- 2 Northern Germany using PCR: a case-control study
- 3 Svenja Fohler<sup>1\*</sup>, Sabrina Discher<sup>2\*</sup>, Eva Jordan<sup>2</sup>, Christian Seyboldt<sup>2</sup>, Guenter Klein<sup>1</sup>,
- 4 Heinrich Neubauer<sup>2</sup>, Martina Hoedemaker<sup>3</sup>, Theresa Scheu<sup>3</sup>, Amely Campe<sup>4</sup>, Katharina
- 5 Jensen<sup>4</sup>, Amir Abdulmawjood<sup>1#</sup>

6

- 7 1. Institute of Food Quality and Food Safety, Research Center for Emerging Infections
- 8 and Zoonoses, University of Veterinary Medicine Hannover, Foundation,
- 9 Bischofsholer Damm 15, 30173 Hannover, Germany
- 2. Friedrich-Loeffler-Institut, Institute of Bacterial Infections and Zoonoses, Naumburger
- Straße 96a, 07743 Jena, Germany
- 3. Clinic for Cattle, University of Veterinary Medicine Hannover, Foundation,
- Bischofsholer Damm 15, 30173 Hannover, Germany
- 4. Department of Biometry, Epidemiology and Information Processing, University of
- 15 Veterinary Medicine Hannover, Foundation, Buenteweg 2, 30559 Hannover, Germany
- 16 \* These authors contributed equally to this work

17

- 18 \*\*Corresponding author:
- 19 Amir Abdulmawjood
- 20 Institute of Food Quality and Food Safety
- 21 University of Veterinary Medicine Hannover, Foundation
- 22 Bischofsholer Damm 15, 30173 Hannover, Germany
- 23 Tel: +49 511 856 7440
- 24 Fax: +49 511 856 82 7552
- 25 Email: <u>amir.abdulmawjood@tiho-hannover.de</u>

#### Download English Version:

# https://daneshyari.com/en/article/6128613

Download Persian Version:

https://daneshyari.com/article/6128613

<u>Daneshyari.com</u>