

Accepted Manuscript

Comparison of advanced whole genome sequence-based methods to distinguish strains of *Salmonella enterica* serovar Heidelberg involved in foodborne outbreaks in Québec

Caroline Vincent, Valentine Usongo, Chrystal Berry, Denise M. Tremblay, Sylvain Moineau, Khadidja Yousfi, Florence Doualla-Bell, Eric Fournier, Céline Nadon, Lawrence Goodridge, Sadjia Bekal

PII: S0740-0020(17)30449-5

DOI: [10.1016/j.fm.2018.01.004](https://doi.org/10.1016/j.fm.2018.01.004)

Reference: YFMIC 2928

To appear in: *Food Microbiology*

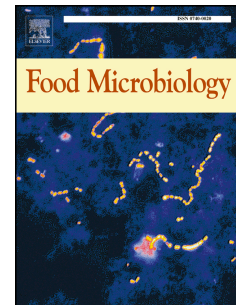
Received Date: 7 July 2017

Revised Date: 6 December 2017

Accepted Date: 3 January 2018

Please cite this article as: Vincent, C., Usongo, V., Berry, C., Tremblay, D.M., Moineau, S., Yousfi, K., Doualla-Bell, F., Fournier, E., Nadon, Cé., Goodridge, L., Bekal, S., Comparison of advanced whole genome sequence-based methods to distinguish strains of *Salmonella enterica* serovar Heidelberg involved in foodborne outbreaks in Québec, *Food Microbiology* (2018), doi: 10.1016/j.fm.2018.01.004.

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.



Comparison of advanced whole genome sequence-based methods to distinguish strains of *Salmonella enterica* serovar Heidelberg involved in foodborne outbreaks in Québec.

Caroline Vincent,^{a,b#} Valentine Usongo,^{a,e#} Chrystal Berry,^c Denise M. Tremblay,^d Sylvain Moineau,^d Khadidja Yousfi,^a Florence Doualla-Bell,^a Eric Fournier,^a Céline Nadon,^c Lawrence Goodridge,^e Sadjia Bekal^{a,b*}

^aLaboratoire de Santé Publique du Québec, Sainte-Anne-de-Bellevue, QC, Canada

^bDépartement de Microbiologie, Infectiologie et Immunologie, Université de Montréal, Montréal, QC, Canada

^cDivision of Enteric Diseases, National Microbiology Laboratory, Public Health Agency of Canada, Winnipeg, MB, Canada

^dDépartement de Biochimie, de Microbiologie et de Bio-informatique, Université Laval, Québec, QC, Canada

^eDepartment of Food Science and Agricultural Chemistry, Food Safety and Quality Program, McGill University, 21, 211 Lakeshore Dr., Ste Anne de Bellevue, QC, H9X 3V9 Canada

[#]both sharing first authorship

***Corresponding author**

Dr. Sadjia Bekal,

Laboratoire de Santé Publique du Québec,

Sainte-Anne-de-Bellevue, QC,

Canada H9X 3R5;

Phone: 514-457-2070 ext. 2336; Fax: 514-457-6346;

E-mail: sadjia.bekal@inspq.qc.ca

Running title: Whole genome sequenced based methods to distinguish *S. Heidelberg* isolates

Download English Version:

<https://daneshyari.com/en/article/8843526>

Download Persian Version:

<https://daneshyari.com/article/8843526>

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