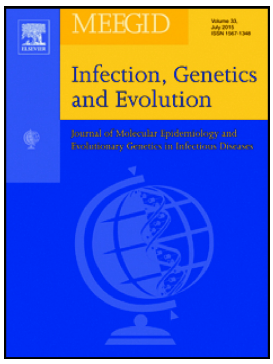

Molecular epidemiology of Coxiella burnetii in French livestock reveals the existence of three main genotype clusters and suggests species-specific associations as well as regional stability

Joulié Aurélien, Sidi-Boumedine Karim, Bailly Xavier, Gasqui Patrick, Barry Séverine, Jaffrelo Lydia, Poncet Charles, Abrial David, Yang Elise, Leblond Agnès, Rousset Elodie, Jourdain Elsa

PII: S1567-1348(16)30544-5
DOI: doi: 10.1016/j.meegid.2016.12.015
Reference: MEEGID 3016

To appear in: *Infection, Genetics and Evolution*

Received date: 13 October 2016
Revised date: 14 December 2016
Accepted date: 16 December 2016

Please cite this article as: Joulié Aurélien, Sidi-Boumedine Karim, Bailly Xavier, Gasqui Patrick, Barry Séverine, Jaffrelo Lydia, Poncet Charles, Abrial David, Yang Elise, Leblond Agnès, Rousset Elodie, Jourdain Elsa , Molecular epidemiology of Coxiella burnetii in French livestock reveals the existence of three main genotype clusters and suggests species-specific associations as well as regional stability. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Meegid(2016), doi: 10.1016/j.meegid.2016.12.015

Molecular epidemiology of *Coxiella burnetii* in French livestock reveals the existence of three main genotype clusters and suggests species-specific associations as well as regional stability

Joulié Aurélien[a,b,c], Sidi-Boumedine Karim[c], Bailly Xavier[a], Gasqui Patrick[a], Barry Séverine[a], Jaffrelo Lydia[d], Poncet Charles[d], Abrial David[a], Yang Elise[c], Animal diagnostic laboratories consortium[e], Leblond Agnès[a,b], Rousset Elodie[c], Jourdain Elsa[a *]

[a] EPIA, INRA, 63122 Saint-Genès Champanelle, France; [b] Université de Lyon, VetAgro Sup, 69280 Marcy l'Etoile, France; [c] Anses (French Agency for Food, Environmental, and Occupational Health and Safety), Laboratory of Sophia Antipolis, Animal Q Fever Unit, Sophia Antipolis, France; [d] GDEC, INRA, 63039 Clermont-Ferrand, France, [e] see Web Panel 1 for a list of Animal diagnostic laboratories coauthors.

*Corresponding author. Mailing address: [1]EPIA, INRA, 63122 Saint-Genès Champanelle, France. Phone: 0033 (0)4 73 62 42 62. Fax: 0033 (0)4 73 62 45 48. E-mail: elsa.jourdain@inra.fr