

## Accepted Manuscript

Genotyping of *Brucella melitensis* and *Brucella abortus* strains in Kazakhstan using MLVA-15

Aida Daugaliyeva, Akhmetzhan Sultanov, Bekbolat Ussebayev, Sholpan Baramova, Paola Modesto, Akmaral Adambayeva, Pier Luigi Acutis, Simone Peletto



PII: S1567-1348(17)30448-3  
DOI: <https://doi.org/10.1016/j.meegid.2017.12.022>  
Reference: MEEGID 3366

To appear in: *Infection, Genetics and Evolution*

Received date: 21 September 2017  
Revised date: 6 December 2017  
Accepted date: 21 December 2017

Please cite this article as: Aida Daugaliyeva, Akhmetzhan Sultanov, Bekbolat Ussebayev, Sholpan Baramova, Paola Modesto, Akmaral Adambayeva, Pier Luigi Acutis, Simone Peletto, Genotyping of *Brucella melitensis* and *Brucella abortus* strains in Kazakhstan using MLVA-15. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Meegid(2017), <https://doi.org/10.1016/j.meegid.2017.12.022>

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.

## Genotyping of *Brucella melitensis* and *Brucella abortus* strains in Kazakhstan using MLVA-15

Aida Daugaliyeva<sup>1</sup>, Akhmetzhan Sultanov<sup>1</sup>, Bekbolat Usserbayev<sup>1</sup>, Sholpan Baramova<sup>1</sup>, Paola Modesto<sup>2</sup>, Akmaral Adambayeva<sup>1</sup>, Pier Luigi Acutis<sup>2</sup> and Simone Peletto<sup>2,\*</sup>

<sup>1</sup> *Kazakh Scientific Research Veterinary Institute, av. Raiymbek 223, Almaty, Kazakhstan*

<sup>2</sup> *Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta, via Bologna 148, Turin, Italy*

\*Corresponding Author. Contact information:

Department of Genetics and Immunobiochemistry

Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta

Via Bologna 148, 10154 Torino (TO), Italy.

Phone: +39 011 2686245

E-mail: simone.peletto@izsto.it

*Co-Authors' e-mail addresses:*

aida1979@bk.ru (A. Daugaliyeva)

kaznivialmaty@mail.ru (A. Sultanov)

usserbayev.bekbolat@mail.ru (B. Usserbayev)

sholbar@mail.ru (S. Baramova)

paola.modesto@izsto.it (P. Modesto)

aaakmaral@mail.ru (A. Adambayeva)

pierluigi.acutis@izsto.it (P.L. Acutis)

Download English Version:

<https://daneshyari.com/en/article/8646968>

Download Persian Version:

<https://daneshyari.com/article/8646968>

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