

Accepted Manuscript

First report of isolation and molecular characterization of the pathogenic *Corynebacterium pseudotuberculosis* from of sheep and goats in Mexico

Jorge Antonio Varela Guerrero, Roberto Montes de Oca Jiménez, Jorge Acosta Dibarrat, Fernando Hernández León, Vladimir Morales-Erasto, Humberto Gustavo Monroy Salazar

PII: S0882-4010(18)30098-6

DOI: [10.1016/j.micpath.2018.02.031](https://doi.org/10.1016/j.micpath.2018.02.031)

Reference: YMPAT 2797

To appear in: *Microbial Pathogenesis*

Received Date: 17 January 2018

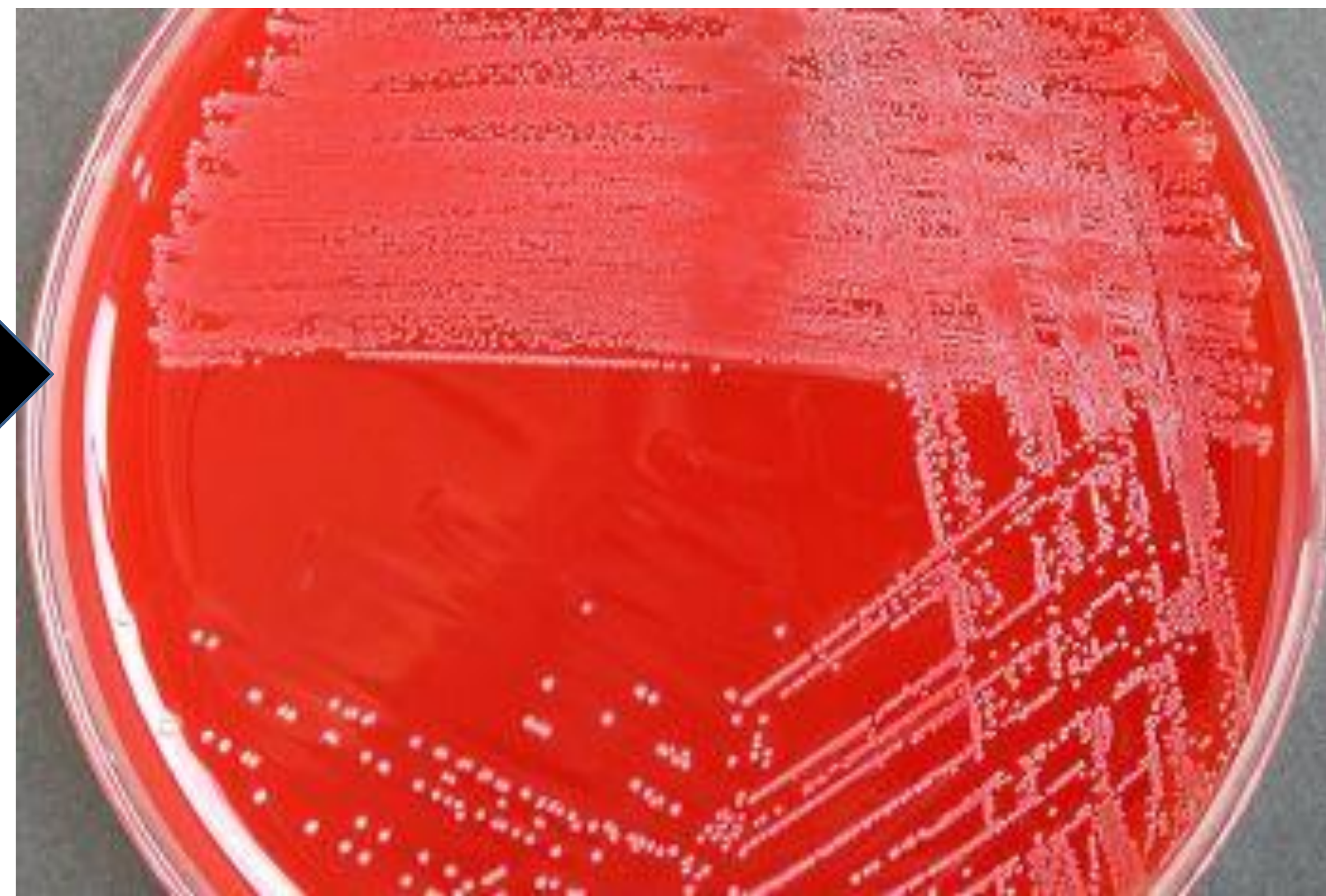
Revised Date: 3 February 2018

Accepted Date: 15 February 2018

Please cite this article as: Varela Guerrero JA, Montes de Oca Jiménez R, Dibarrat JA, León FernandoHerná, Morales-Erasto V, Monroy Salazar HG, First report of isolation and molecular characterization of the pathogenic *Corynebacterium pseudotuberculosis* from of sheep and goats in Mexico, *Microbial Pathogenesis* (2018), doi: 10.1016/j.micpath.2018.02.031.

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.

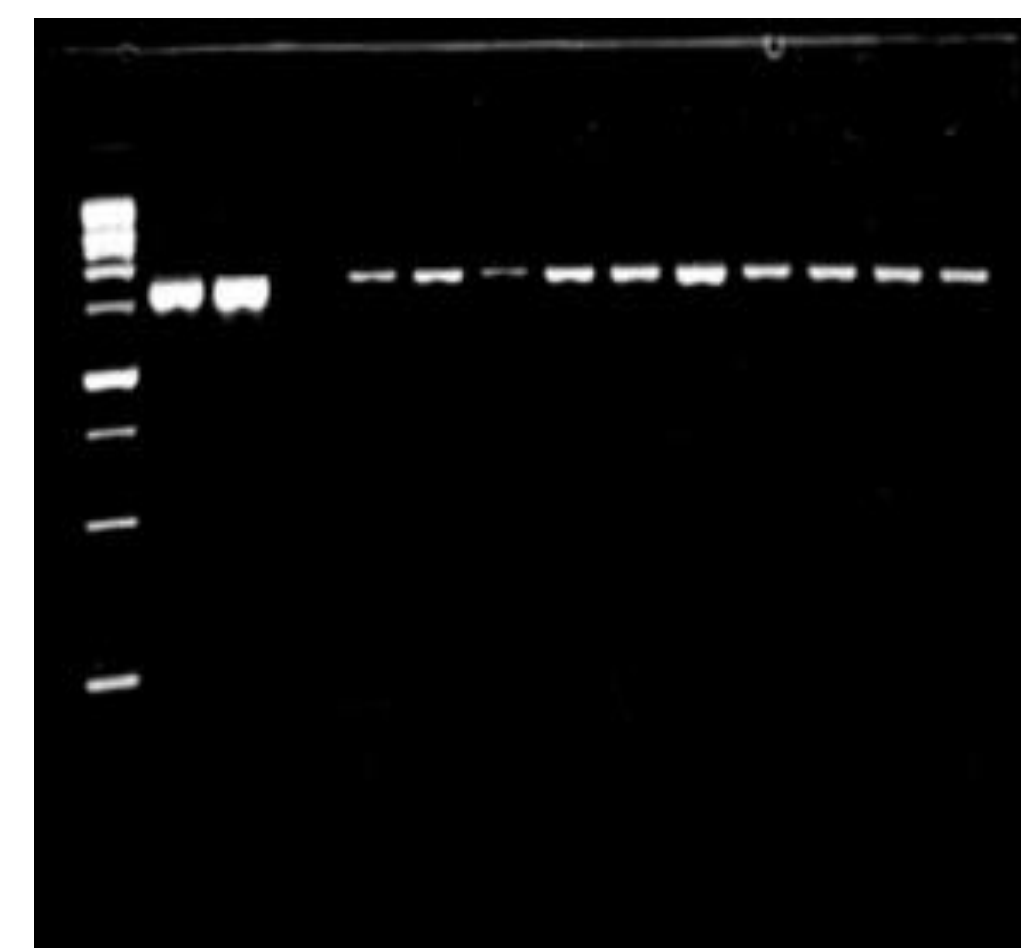
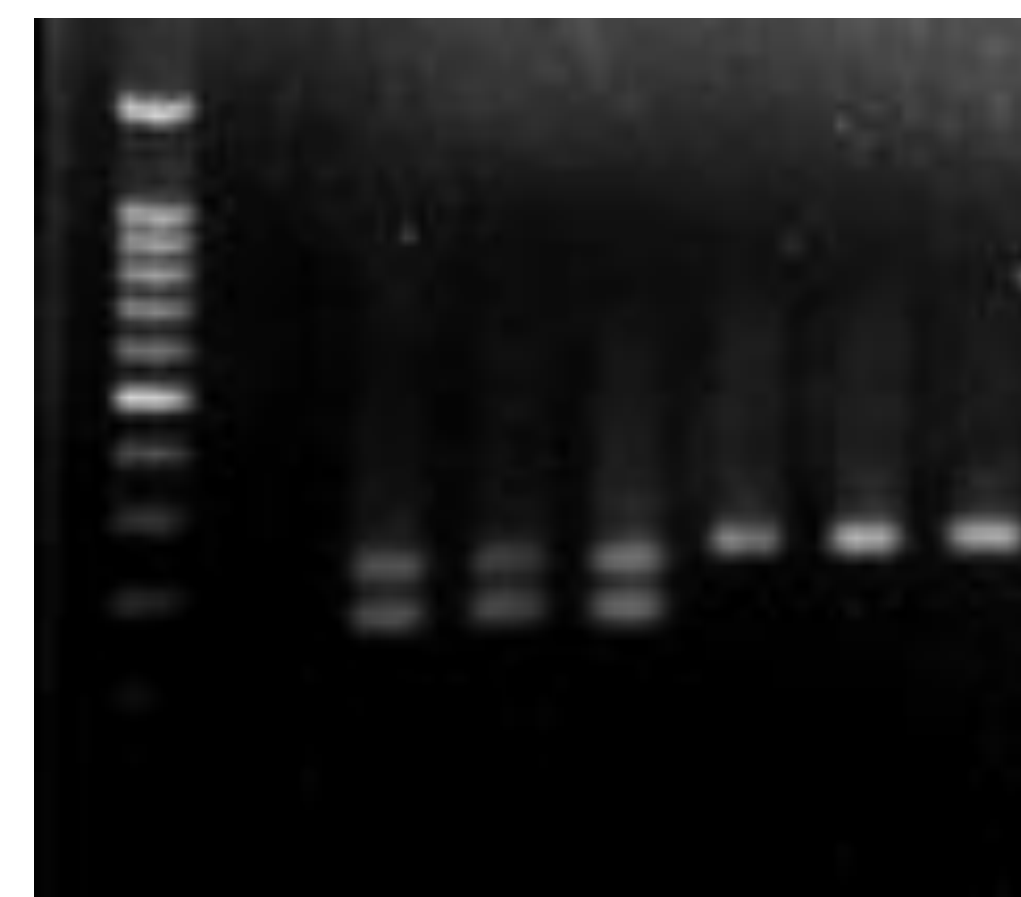




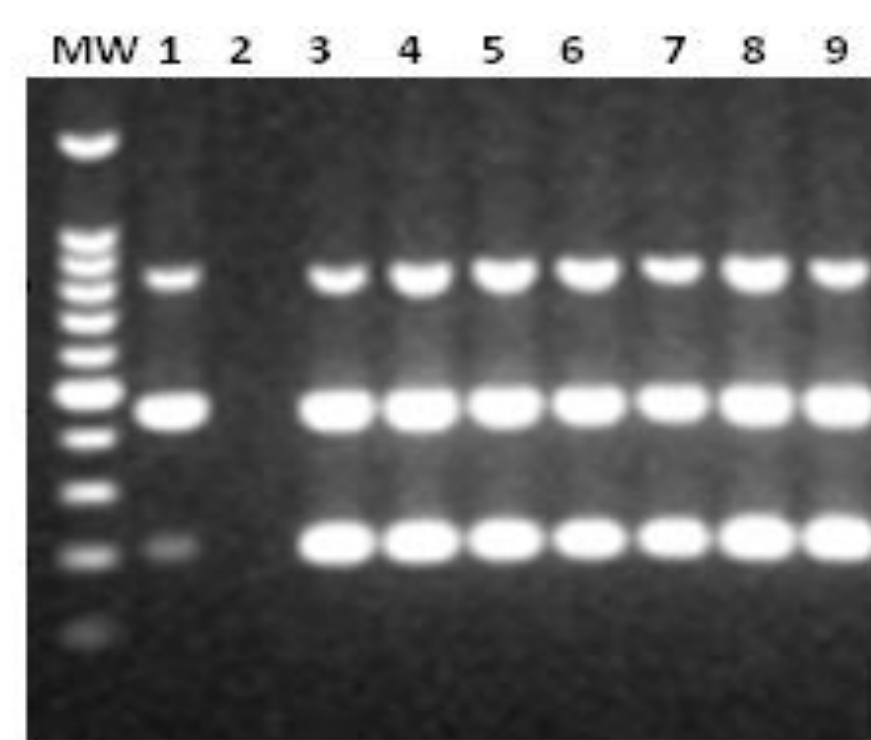
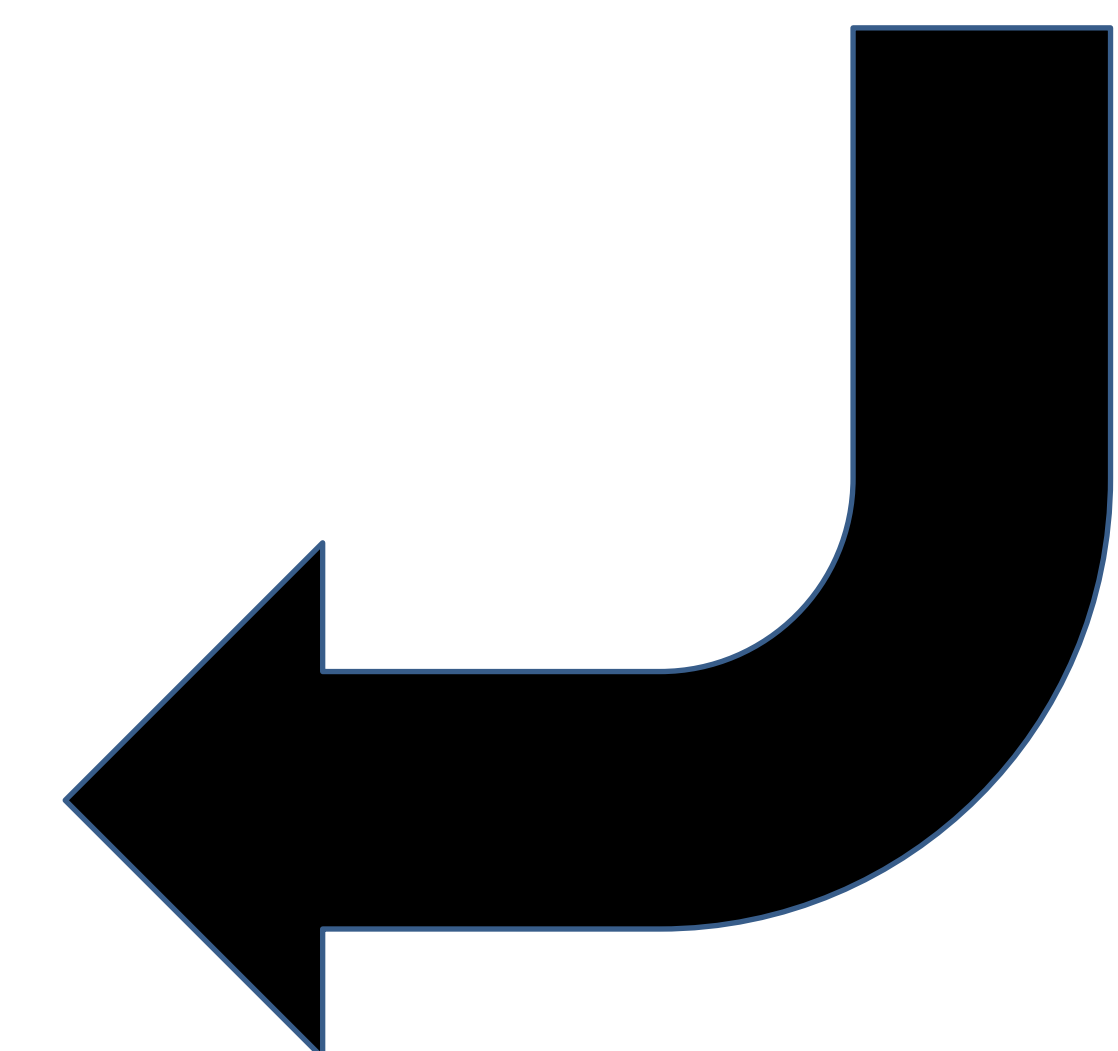
Isolation of *Corynebacterium pseudotuberculosis*



API Coryne



Identification of Pathogenicity



Identification gene *rpoB*

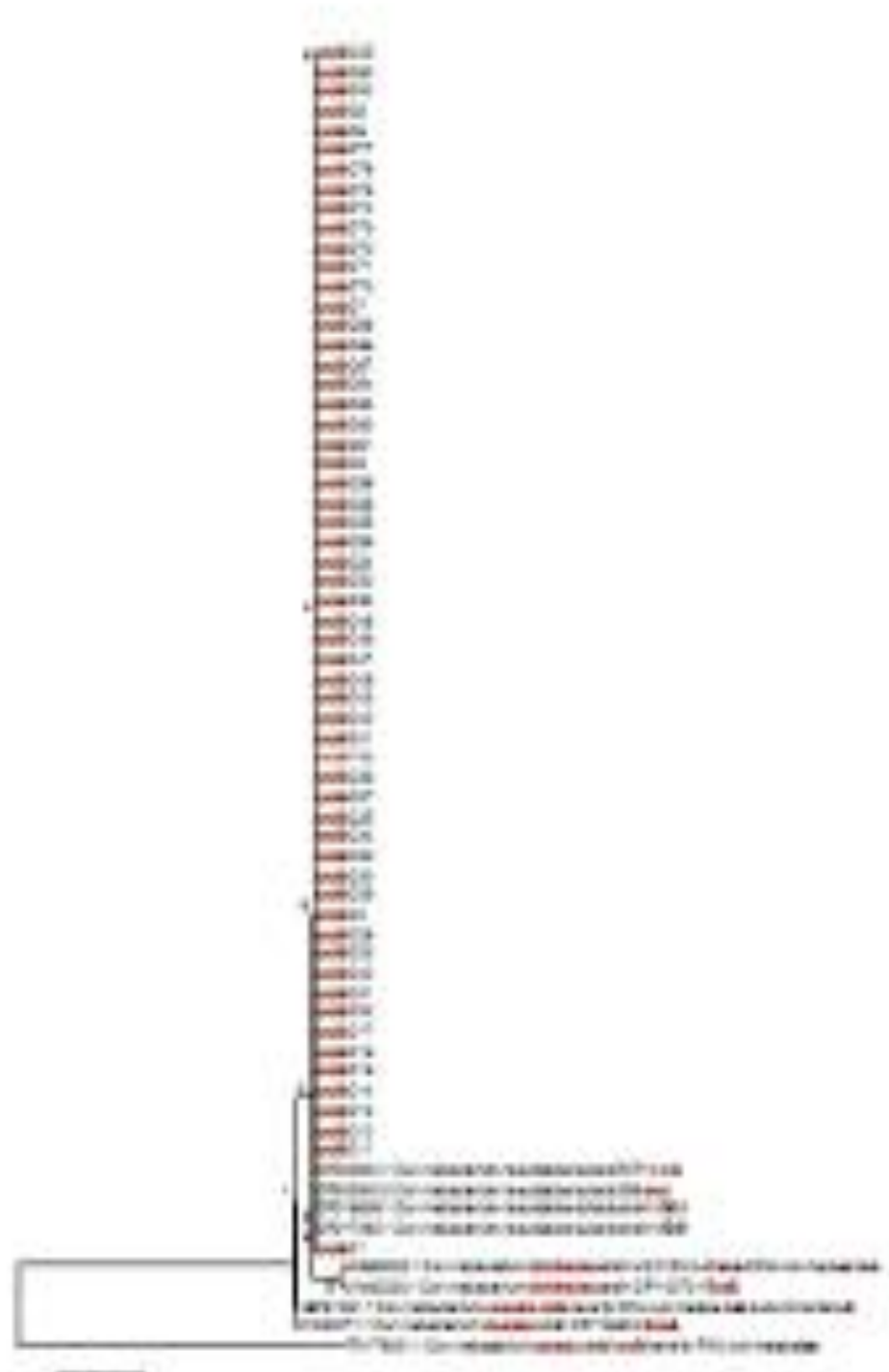
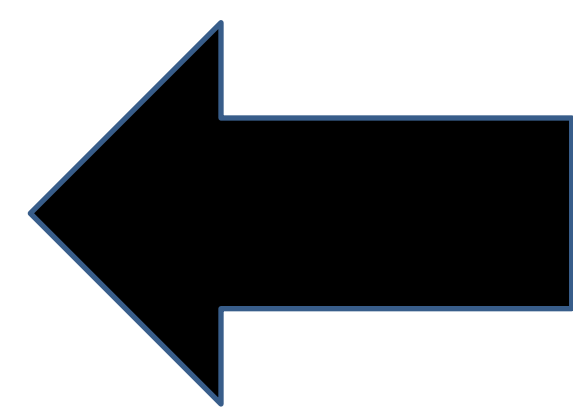


Figure 1. Phylogenetic tree using the Neighbor-joining method. The tree was derived from the alignment and percentages of similarity of the *rpoB* gene partial sequence, we used a Bootstrap value of 1000 repetition. *C. pseudotuberculosis* isolates were included in this study as well as gene bank reference samples of the subspecies *Q11* and *sp4*; a reference sequence of the *Corynebacterium ulcerans*, *Corynebacterium dactyloides*.

Phylogenetic gene *rpoB* analysis

Download English Version:

<https://daneshyari.com/en/article/8749668>

Download Persian Version:

<https://daneshyari.com/article/8749668>

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