

CERTIFICATE

We hereby certify that the work entitled **Characterization and analysis of Corynebacterium pseudotuberculosis respiratory chain and lactate utilization pathway** authored by *Carlos Diniz, Elma Leite, Flávia Rocha, Roselane Gonçalves, Mariana Parise, Douglas Parise, Vasco Azevedo, Sintia Almeida*

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