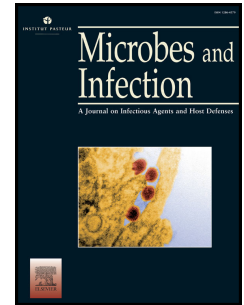


Accepted Manuscript

Identification and characterization of arginine finger-like motifs, and endosome-lysosome-basolateral sorting signals within ectopically expressed CirA, a *Coxiella burnetii* type IV secreted effector protein

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PII: S1286-4579(18)30002-9

DOI: [10.1016/j.micinf.2017.12.013](https://doi.org/10.1016/j.micinf.2017.12.013)

Reference: MICINF 4550

To appear in: *Microbes and Infection*

Received Date: 28 January 2017

Revised Date: 17 October 2017

Accepted Date: 20 December 2017

Please cite this article as: M.M. Weber, R. Faris, E.J. van Schaik, J.E. Samuel, Identification and characterization of arginine finger-like motifs, and endosome-lysosome-basolateral sorting signals within ectopically expressed CirA, a *Coxiella burnetii* type IV secreted effector protein, *Microbes and Infection* (2018), doi: 10.1016/j.micinf.2017.12.013.

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14 Running title: Functional motifs of ectopically expressed CirA

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16 Keywords: *Coxiella burnetii*, Dot/Icm, CirA, Rho GTPase

Abstract

21 *Coxiella burnetii* is an obligate intracellular pathogen that replicates in an endolysosome-
22 like compartment termed the *Coxiella*-containing vacuole (CCV). Formation of this unique
23 replicative niche requires delivery of bacterial effector proteins into the host cytosol where they

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