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Calcium chloride-mediated transformation of different Chlamydia species

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Abstract

Summary

The genetic toolbox for the obligate intracellular bacterial species *Chlamydia trachomatis* and *C. muridarum* has rapidly expanded in recent years (Sixt and Valdivia, 2016; O'Neill *et al.*, 2020; Fields *et al.*, 2022), and has now extended to *C. caviae*, *C. felis*, *C. pecorum*, *C. pneumoniae*, *C. psittaci* and *C. suis* (Shima *et al.*, 2018, 2020; Filcek *et al.*, 2019; Marti *et al.*, 2023; Faessler *et al.*, In Preparation). This document comprises details for the design, construction, and transformation of various vectors into different *Chlamydia* species and was adapted from the original publication on calcium chloride-mediated transformation (Wang *et al.*, 2011).

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