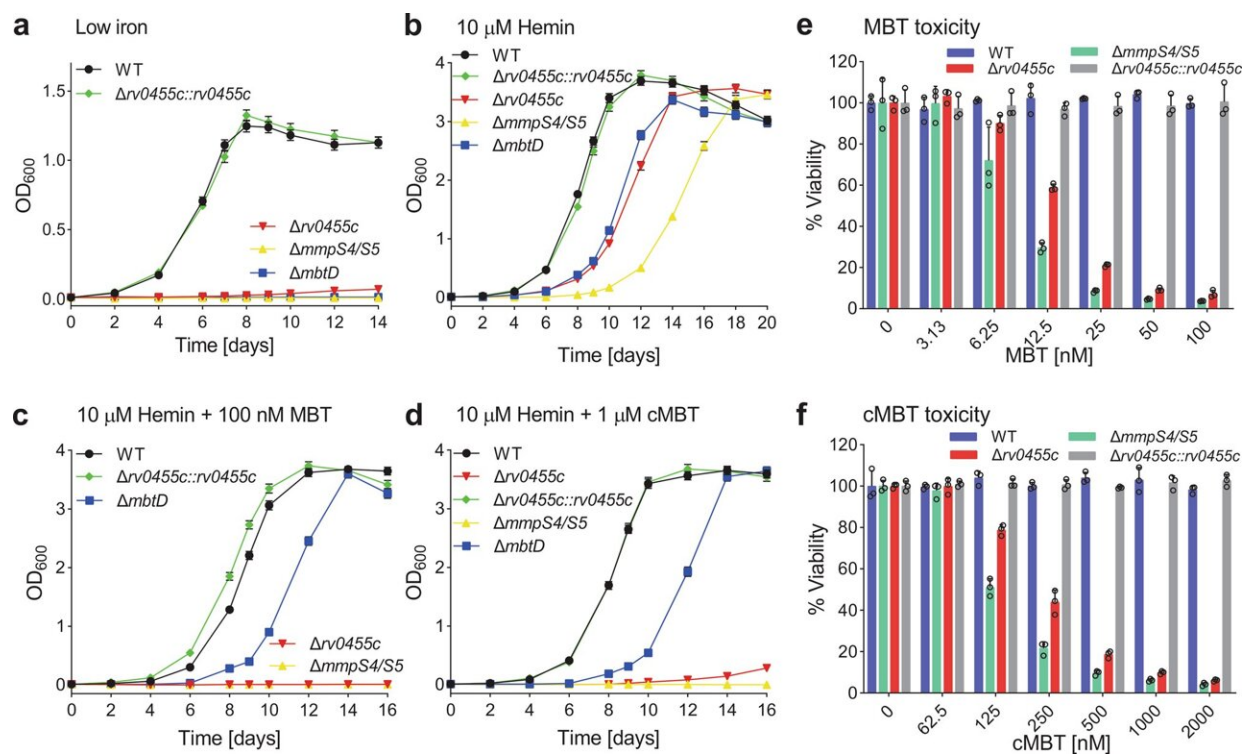


A gene in tuberculosis bacteria is found essential for siderophore secretion and virulence

May 12 2022, by Jeff Hansen



The *M. tuberculosis* Δ rv0455c mutant is hypersensitive to exogenous siderophores. a–d The indicated *M. tuberculosis* strains were grown in low-iron 7H9 medium for 5 days to deplete intracellular iron before the growth assays. The initial OD₆₀₀ of all cultures was 0.01. Growth curves of *M. tuberculosis* mc²6230 (wt), Δ rv0455c (*M. tuberculosis* ML2203), Δ rv0455c::rv0455c (*M. tuberculosis* ML2205), Δ mmpS4/S5 (*M. tuberculosis* ML859) and Δ mbtD (*M. tuberculosis* ML1600) in (a) self-made low-iron (

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