

Supplementary Materials

A four-step platform to optimize growth conditions for high-yield production of siderophores in Cyanobacteria

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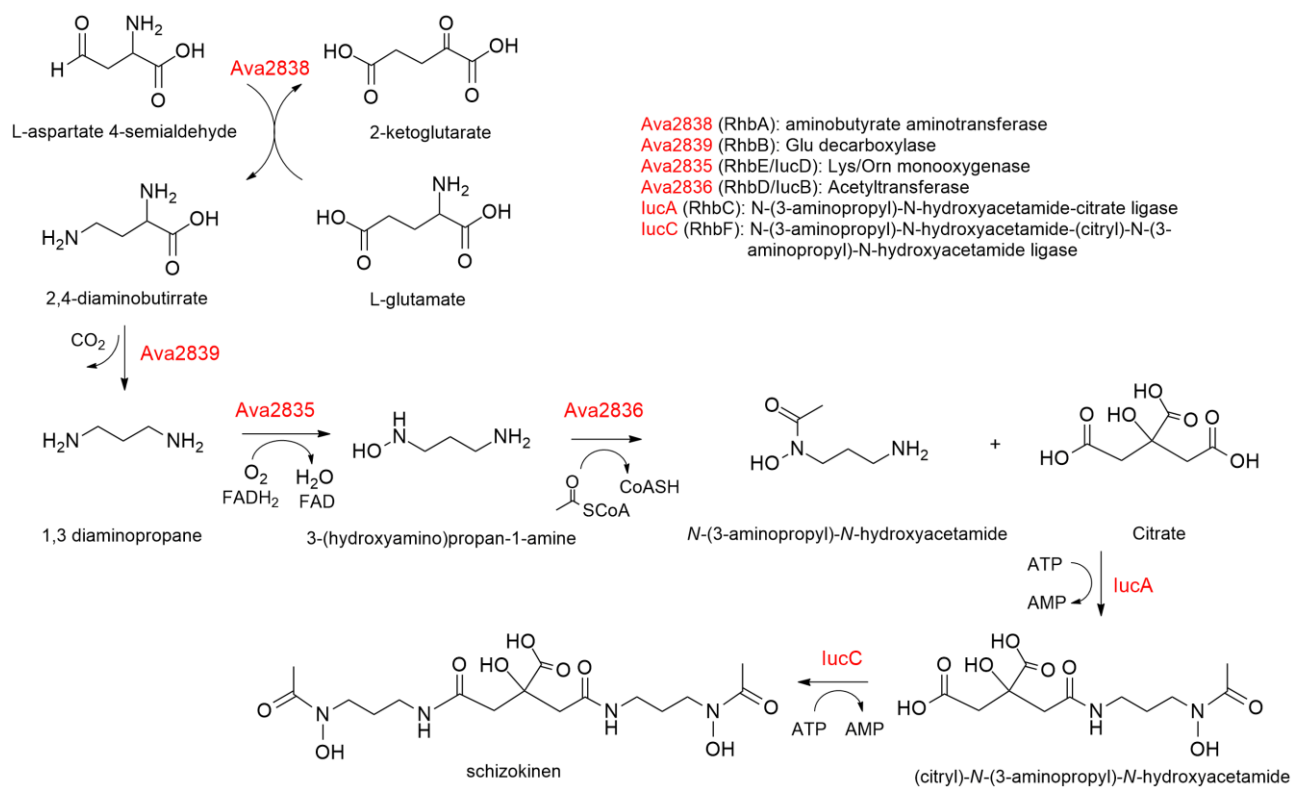


Figure S1. Putative enzymatic activities and biosynthetic pathway of schizokinen.

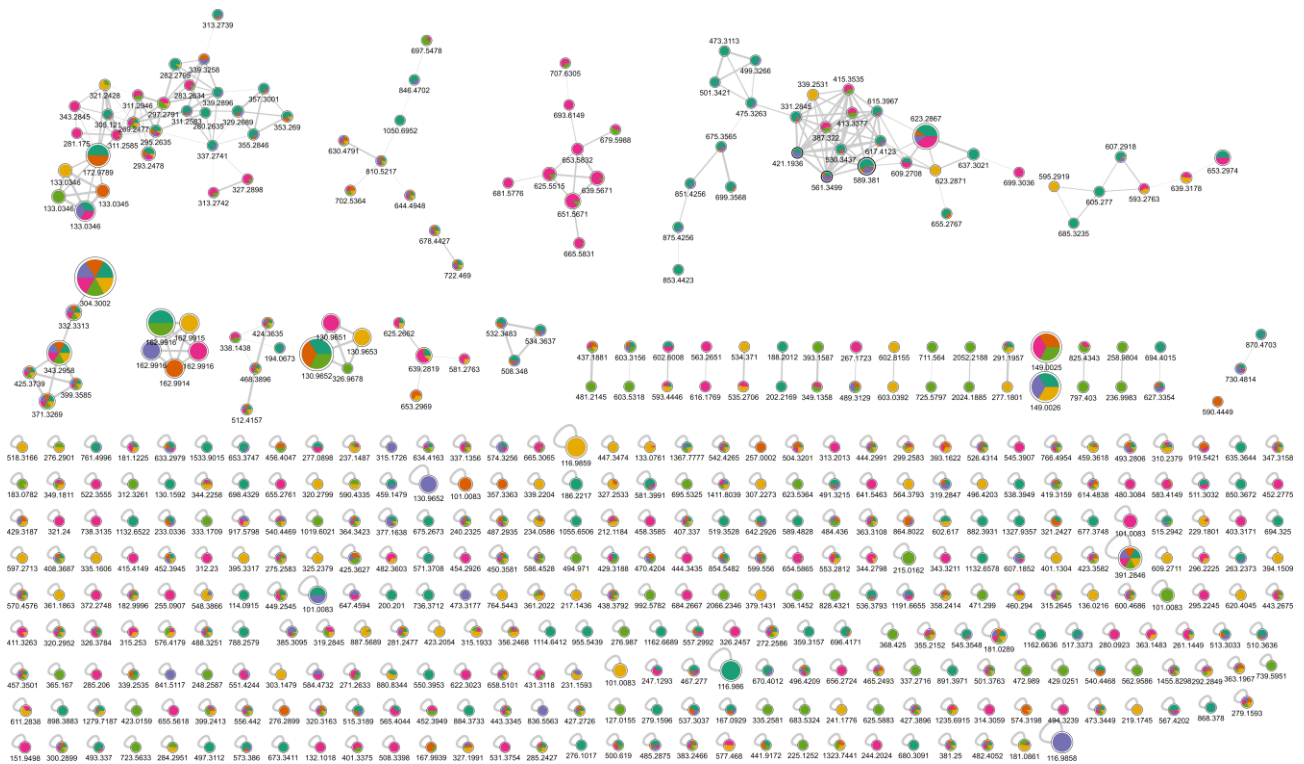


Figure S2. LC-HRMS/MS analyses of *Anabaena flos aquae* extracts. The molecular network obtained combining the LC-HRMS/MS analyses of all the extracts of #1-6 cultures of *Anabaena flos-aquae* UTEX 1444. Nodes are labeled with parent mass and are represented as a pie chart with color coding showing the source culture of the compound ([Citrate] = 0 mM, 0.1 mM, 1 mM, 10 mM, 100 mM, STD, standard citrate concentration). Size of the nodes corresponds to the sum of precursor ion intensities.