Metabolic Engineering for Robust Natural Product Biosynthesis in C. glutamicum





Objective

pAJL02



Jason Ronstadt, Chemical Engineering Mentor: Arul M. Varman, Assistant Professor School for Engineering of Matter, Transport & Energy



Current Results

- Resulted in many
- background colonies
- Will assemble again once pAJL04
 - is successfully transformed

pAJL03

- Had trouble cloning with 4CL2at
- Will assemble once pAJL04 is confirmed

pAJL04

- In progress; successfully assembled
- Currently running colony PCRs to confirm transformation



- and transformed
- Currently being sequenced



Future Work

- Finish assembling, transforming, and sequencing all plasmids
- Determine baseline naringenin production
- Manipulate expression of ACC subunits and measure change in naringenin production

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