

Notebook:

07.21-07.28

Constructed Terminator-pBAD promoter for part assembly in the next step.

07.29-08.05

Attended iGEM 2011 China Meetup and had a few days' holiday.

08.06-08.13

Characterize deoxyviolacein primarily by TLC (developed by dichloromethane: methanol = 6:1 (v/v)) and spectrophotometry (absorbance wavelength=570nm).

Constructed Terminator(B0015)-pBAD-vioABD.

08.14-08.18

Constructed Terminator(B0015)-pBAD-vioC with scores of base pair from vioB at 5' and scores of base pair from vioE, termed "vioCC". Sequencing results showed that it is actually Terminator(B0015)-pBAD-vioD with scores of base pair from vioB at 5' and scores of base pair from vioE, termed "vioDD".

Constructed Terminator(B0015)-pBAD-vioE.

08.19-08.25

Constructed Terminator(B0015)-pBAD-TPP ribozyme 1.20-vioE & Terminator(B0015)-pBAD-TPP ribozyme 2.5-vioE, both of whose ribosomal binding sites were mutated to AGGAGGT.

08.26-08.31

Constructed Terminator(B0015)-pBAD-vioABDE.

09.01-09.08

Constructed Terminator(B0015)-pBAD-TPP ribozyme 2.5-vioE, whose ribosomal binding site is native.

09.09-09.15

Constructed Terminator(B0015)-pBAD-TPP ribozyme 1.20-vioD.

Constructed Terminator(B0015)-pBAD-vioABD- Terminator(B0015)-pBAD-TPP ribozyme 2.5-vioE, in the backbone of pSB3K3.

09.16-09.23

Acquired HPLC results of the extraction from E. coli producing proviolacein and deoxychromoviridans.

Constructed Terminator(B0015)-pBAD-TPP ribozyme 1.20-vioD-Terminator(B0015)-pBAD-TPP ribozyme 2.5-vioE & Terminator(B0015)-pBAD-TPP ribozyme 1.20-vioD -Terminator(B0015)-pBAD-vioE.

09.24-10.04

Constructed Terminator(B0015)-pBAD-vioAB- Terminator(B0015)-pBAD- TPP ribozyme 1.20-vioD- Terminator(B0015) -pBAD-vioE.

Switched the backbone of Terminator(B0015)-pBAD-vioABD- Terminator(B0015)-pBAD-TPP ribozyme 2.5-vioE to pSB1C3.

Part submission.

Wiki editing, part documentation.