

# Lab Notebook Entry 44

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## Date Performed

5/31/17

## Procedure

Gibson assembly of isolated switch with gibson ends and T4 endolysin and holin

## Details

Purpose: Combine the PCR product of the original plasmid with our holin/endolysin gene fragment. Materials: Gibson assembly kit, pTlpA36 PCR product, holin/endolysin PCR product, two empty PCR tubes, ddH2O

## Protocol

Please take extra care during this procedure, each gibson reaction costs us about \$40 making it one of our more expensive procedures. Use the protocol for gibson assembly in the 2017 protocol file. Use 3uL of the pTlpA36 PCR product and 1uL of the holin/endolysin PCR product (H/E) in the reaction mixture.