

Lab Notebook Entry 5

Date Performed

3-May

Procedure

PCR of pTlpA36-wasabi

Details

Purpose: Make lots of our starter plasmid in a linear form. Eliminates LacI junk and adds Gibson assembly compatible ends. Materials: GET ICE FIRST. KEEP EVERYTHING COLD
pTlpA36-wasabi plasmid , primers, PCR tubes, Q5 2x master mix, nuclease free water

Protocol

Use the protocol for PCR in the 2017 Protocol file. Use "switch_and_gibsonFOR" and "switch_and_gibsonREV" as primers. Use the following heat cycle program: 98C for 30secs, 30 cycles of [98C for 10secs, 72C for 3mins30secs], 72 for 2mins, 4C for infinity (just put in 99 hours or whatever the max is)