

Lab Notebook Entry 53

Date Performed

6/7/17

Procedure

Random PCR to check older Q5 master mix

Details

Purpose: Check if the older master mix works or if we need to buy more. Materials: GET ICE FIRST. KEEP EVERYTHING COLD pTlpA36-wasabi plasmid, primers, PCR tubes, Q5 2x master mix, nuclease free water

Protocol

Run two pcrs with each of the two old master mixes (4 PCRs Total). Use the protocol for PCR in the 2017 Protocol file, BUT THIS TIME DILLUTE 2uL OF THE TEMPLATE IN 18 uL OF PCR WATER IN A SEPERATE TUBE (label the tube and store in freezer box for future), THEN USE 1uL OF THAT AS TEMPLATE . Use "switch_and_gibsonFOR" and "switch_and_gibsonREV" as primers. Use the following heat cycle program: 95C for 30secs, 30 cycles of [95C for 10secs, 60C for 30secs 72C for 3mins], 72 for 2mins, 4C for infinity (just put in 99 hours or whatever the max is)