

Lab Notebook Entry 7

Date Performed

24-Apr

Procedure

PCR of sigma70 promoter gene fragment

Details

Purpose: Make lots of our sigma70 gene fragment Materials: GET ICE FIRST. KEEP EVERYTHING COLD t4 antiholin gene fragment, primers, PCR tubes, Q5 2x master mix, nuclease free water

Protocol

Use the protocol for PCR in the 2017 Protocol file. Use "sigma70 promoter FOR" and "sigma70 promoter REV" as primers. Use the following heat cycle program: 98C for 30secs, 30 cycles of [98C for 10secs, 65C for 30secs, 72C for 20secs], 72 for 2mins, 4C for infinity (just put in 99 hours or whatever the max is)