Dot mutation

[1]

[1]Northeast Forest University

Sep 20, 2019

1 Works for me dx.doi.org/10.17504/protocols.io.7iehkbe

2019 iGEM NEFU_China
Tech. support email: shengyiyanwork@gmail.com

SAFETY WARNINGS

Please wear gloves for the experiment.

1 The entire plasmid was amplified reversely by PCR using primers with the fragment sequence that you want to replace.

2 The temple plasmids in the PCR process were digested by DpnI enzyme.

3 The digested product was transferred into DH5α. Overnight culture them at 37°C.

4 To determine whether the vector was constructed successfully, colony PCR and enzyme digestion were done.

5 Select the positive results for sequencing and the final results were obtained.