



Sep 20, 2019

Dot mutation

¹¹Northeast Forest University**1** *Works for me* dx.doi.org/10.17504/protocols.io.7iehkbe

2019 iGEM NEFU_China

Tech. support email: shengyiyanyanwork@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 DH5 α . 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.



This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited