

Oct 24, 2020

## O Dot mutation

## Zhujun Wei<sup>1</sup>

<sup>1</sup>2020 iGEM NEFU China



dx.doi.org/10.17504/protocols.io.bnwxmffn

2020 iGEM NEFU China



DOI

dx.doi.org/10.17504/protocols.io.bnwxmffn

PROTOCOL CITATION

Zhujun Wei 2020. Dot mutation. **protocols.io** https://dx.doi.org/10.17504/protocols.io.bnwxmffn

LICENSE

This is an open access protocol distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

CREATED

Oct 24, 2020

LAST MODIFIED

Oct 24, 2020

PROTOCOL INTEGER ID

43703

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 $\alpha$ . 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.

Citation: Zhujun Wei (10/24/2020). Dot mutation. https://dx.doi.org/10.17504/protocols.io.bnwxmffn

 $\textbf{Citation:} \ \ \textbf{Zhujun Wei (10/24/2020)}. \ \ \textbf{Dot mutation.} \ \ \underline{\textbf{https://dx.doi.org/10.17504/protocols.io.bnwxmffn}$