



Oct 21, 2018

Working

Gibson Assembly in *V. natriegens*

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dx.doi.org/10.17504/protocols.io.uvdew26

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ABSTRACT

Adapted from <https://www.protocols.io/view/Gibson-Assembly-Protocol-E5510-imss45>

PROTOCOL STATUS

Working

We use this protocol in our group and it is working

GUIDELINES

To perform this protocol you need Gibson Assembly Master Mix 2X

MATERIALS

| NAME | CATALOG # | VENDOR |
|--------------------------------------|-----------|----------------------|
| Gibson Assembly Master Mix - 10 rxns | E2611S | New England Biolabs |
| nuclease free water | | Contributed by users |

- 1 Add 100ng of vector 0 °C
- 2 Add 3 fold of excess insert 0 °C
- 3 Fill with Nuclease-free water to 5µl 0 °C
- 4 Add 5µl Gibson Assembly Master Mix 2X 0 °C
- 5 Incubate at 50 °C for 60 minutes 50 °C
- 6 Store samples on ice or at -20 °C for subsequent transformation -20 °C

7 Transform 2-5µl gibson reaction into *V. natriegens*



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