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Protocol status: Working
We use this protocol and it's working

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Hi-Fi Gibson Assembly

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MATERIALS

MATERIALS

NEBuilder HiFi DNA Assembly Master Mix - 10 rxns [New England Biolabs Catalog](#)
#E2621S

STEP MATERIALS

NEBuilder HiFi DNA Assembly Master Mix - 10 rxns [New England Biolabs Catalog](#)
#E2621S

- 1 Calculate for volumes of respective fragments to assemble based on their length and concentration

2 Add calculated volume of each fragment (maximum volume: 5 μ L)

3 Add in 5 μ L of 2x Hi-Fi DNA Assembly Master Mix into the PCR tube

NEBuilder HiFi DNA Assembly Master Mix - 10 rxns **New England Biolabs Catalog**
#E2621S

4 Vortex to mix

5 Spin down PCR tube

6 Incubate samples at 50 °C for 00:45:00