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🌐 Phage lambda genome concatemerization

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Protocol status: In development
We are still developing and optimizing this protocol

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Abstract

This protocol is used to create concatemers of phage genomes. This is done by ligating phage lambda genomes using the overhangs at the cos site with T4 ligase.

1 Add the following ingredients in a microcentrifuge tube.

Ingredient	Amount
Ligation buffer 10X	2 μL
DNA	6 μg
PEG 4000 (40% W/W)	2.5 μL
T4 DNA ligase	1 μL (400 Weiss units)
Water	To 20 μL

2 Incubate at 🌡 15 °C overnight