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Phage lambda genome concatemerization

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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



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