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Phage lambda genome concatemerization

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Marijn Ceelen¹

¹Wageningen University

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Marijn Ceelen

Wageningen University

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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.

Troubleshooting



- 1 Add the following ingredients in a microcentrifuge tube.

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

- 2 Incubate at  15 °C overnight