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## colony PCR

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Works for me

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## ABSTRACT

colony PCR suitable for *Synechocystis*

THIS PROTOCOL ACCOMPANIES THE FOLLOWING PUBLICATION

<https://www.promega.com/-/media/files/resources/protocols/product-information-sheets/g/gotaq-green-master-mix-protocol.pdf>

## MATERIALS TEXT

2X GoGreen PCR Mix (or other MasterMix with e.g. redtaq also possible)

MilliQ

forward and reversed Primer

## Start

- 1 transfer some cells to 10 µL sterile MilliQ
- 2 heat 98°C  
⌚ 00:07:00
- 3 use 1 µl of reaction for colony PCR

## Protocol

- 4 you can also use redtaq polymerase etc.

components	amount per reaction [μl]
2X GoGreen PCR Mix	5
fwd Primer	1
rev Primer	1
MilliQ	3

Temperature[°C]	Time [s]	
94	180	
94	30	Repeated 30 times
variable, depends on annealing temp. of primer	30	
72	130	
72	420	

- 5 2 μl of reaction can be used for loading the gel



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