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colony PCR

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ABSTRACT

colony PCR suitable for *Synechocystis*

MATERIALS

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

MilliQ

forward and reversed Primer

OPEN ACCESS

DOI:

dx.doi.org/10.17504/protocols.io.79qhr5w

Protocol Citation: Igem Dusseldorf 2019. colony PCR. **protocols.io**
<https://dx.doi.org/10.17504/protocols.io.79qhr5w>

MANUSCRIPT CITATION:

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

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

Created: Oct 15, 2019

Last Modified: Oct 18, 2019

PROTOCOL integer ID:
28688

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.

comp onent s	amou nt per reacti on [µl]
2X GoGre en PCR Mix	5
fwd Prime r	1
rev Prime r	1
MilliQ	3

Temperature[°C]	Time [s]	
94	180	
94	30	Repea ted 30
variable, depends on annealing temp. of primer	30	

72	130	times
72	420	

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