

Oct 18, 2019

colony PCR

DOI

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

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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: October 15, 2019

Last Modified: October 18, 2019

Protocol Integer ID: 28688

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



Start

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

Protocol

- 4 you can also use redtaq polymerase etc.

comp onent s	amou nt per reacti on [μ L]
2X GoGr een PCR Mix	5
fwd Prime r	1
rev Prime r	1
MilliQ	3

Temperature[°C]	Time [s]	
94	180	
94	30	Repe ated 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