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PCR

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Protocol status: Working

We use this protocol and it's working

Created: September 20, 2019

Last Modified: September 20, 2019

Protocol Integer ID: 27928

Keywords: PCR

Materials

2×high Taq Master Mix


ddH₂O

Template

F/R Primer

Bio-rad S1000TM Thermo Cycler.

Safety warnings

 Please wear gloves for the experiment, don't try to touch the lid after PCR program initiation.

Before start

Synthesize primers in advance.



Before the start

- 1 Set up a small box with ice, put DNA and 2×high Taq Master Mix into it before going into the Bio-rad S1000TM thermocycler cyclers. Set up a small box with ice, put DNA and 2×high Taq Master Mix into it before going into the Bio-rad S1000TM Thermo Cycler.
- 2 Add the following reagent to a PCR tube. (50 µl).

2×high Taq Master Mix (Enzyme)	25 µl
Template	2 µl
Forward Primer (10 µM)	2 µl
Reverse Primer (10 µM)	2 µl
ddH ₂ O	19 µl

- 3 Program the thermocycler as follows:

Temperature	Time
98°C	5 min
98°C	15 s
T _m -4°C	15 s
72°C	(5-10s) × (1 kb)
72°C	5 min
4°C	∞