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 PCR

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Protocol status: Working

We use this protocol and it's working



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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

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. 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.



1 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	∞

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