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## 01 PCR

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Works for me

dx.doi.org/10.17504/protocols.io.4y7gxzn

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## MATERIALS

NAME ▾

CATALOG # ▾

VENDOR ▾

primers

DNA template, positive control template standards

ddH<sub>2</sub>O

dNTP mix (25 mM of each)

5x SuperStar Omni Buffer /

SuperStar Omni DNA Polymerase /

10x Enhancer /

## MATERIALS TEXT

Template 1-30ng

Sense Primer 10uM 2.5ul

Anti-sense Primer 10uM 2.5ul

5x SuperStar Omni Buffer 5ul

dNTP each 2.5mM 4ul

SuperStar Omni DNA Polymerase 1ul

10x Enhancer 5ul

ddH<sub>2</sub>O up to 50ul

- Mix the ingredients according to the table below

Template 1-30ng

Sense Primer 10uM 2.5ul

Anti-sense Primer 10uM 2.5ul

5x SuperStar Omni Buffer 5ul

dNTP each 2.5mM 4ul

SuperStar Omni DNA Polymerase 1ul

10x Enhancer 5ul

ddH<sub>2</sub>O up to 50ul

2 [Set the PCR instrument Procedure according to the following table](#)

Pre-denaturation: 94~98°C 30sec

Denaturation: 94~98°C 10sec |

Annealing: 50~72°C 30sec ☒ 25~35 cycles

Extension: 72°C 30sec/kb |

72°C 10min

4°C ∞



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