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

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Last Modified: Jul 07, 2019

PROTOCOL integer ID:
 25343

01 PCR

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MATERIALS

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- ✕ primers **Contributed by users**
- ✕ DNA template, positive control template standards **Contributed by users**
- ✕ ddH₂O **Contributed by users**
- ✕ dNTP mix (25 mM of each) **Contributed by users**
- ✕ 5x SuperStar Omni Buffer **Contributed by users Catalog #/**
- ✕ SuperStar Omni DNA Polymerase **Contributed by users Catalog #/**
- ✕ 10x Enhancer **Contributed by users Catalog #/**

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

ddH₂O up to 50ul

- 1 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
ddH2O 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 ∞