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01 PCR

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Tjusls China¹

¹Tianjin University



Tjusls China

Tianjin University

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Protocol status: Working

We use this protocol and it's working

Created: July 01, 2019

Last Modified: July 07, 2019

Protocol Integer ID: 25343



Materials

MATERIALS



primers



DNA template, positive control template standards



ddH₂O



dNTP mix (25 mM of each)



5x SuperStar Omni Buffer **Catalog #/**



SuperStar Omni DNA Polymerase **Catalog #/**



10x Enhancer **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 ∞