

PCR Cloning

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Use Hi-Fidelity PCR premix powder (Bioneer)

Template (10 ng/ μ l)	2 μ l
Forward primer (5 μ M)	2 μ l
Reverse primer (5 μ M)	2 μ l
H ₂ O	14 μ l

Total	20 μ l

PCR condition

95 °C	1 min	
95 °C	20 sec	-----
58 °C	20 sec	16 - 18 cycles
72 °C	min / kb	-----
72 °C	10 min	

Run PCR reaction hot-start.

For fear of mutation, do not exceed 20 cycles.

Run 2 μ l of the PCR reaction on agarose gel.