STRAIN: EM00159

PTC - PST4KF	**5'-GGG/AGG/GGA/TTT/CAG/CAG/AAT/GTT-3'**
PTC - NEO L	**5'-AGT/GCC/AGC/GGG/GCT/GCT/AAA-3'**
PTC - 11 R3	**5'-CTG/CCT/GTT/ATG/TGG/TTC/AAA/CCG-3'**

PTC - PST4KF	15pm / total volume 30ul	Tm:	72°C
PTC - NEO L	15pm / total volume 30ul	Tm:	68°C
PTC - 11 R3	7pm / total volume 30ul	Tm:	72°C

PCR MIX

DNTPS (2mM)		3ul
PCR BUFFER 10x		3ul
PTC - PST4KF	(0.5pm/ul)	
PTC - NEO L	(0.5pm/ul)	
PTC - 11 R3	(0.23pm/ul)	
H2O		
TAQ POLYMERASE	(5U/ul)	0.3ul
DNA		2ul
TOTAL		30ul

PCR PROGRAM:

1) 95°C x 2’00’’
2) 95°C x 0’30’’
3) 66°C x 0’30’’
4) 72°C x 1’30’’
5) step 2 to step 5 x 50 repeats
6) 72°C x 10’00’’
7) 4°C forever
8) End

MUTATION: 400 BP **WILD TYPE:** 650 BP