

**STRAIN: EM05956 (Ctso tm2a)**

**PRIMER loxp\_For: 5'-TTA TGG TCT GAG CTC GCC ATC AGT-3'**

**PRIMER ctso \_Rev: 5'-CCT GGG AGT GAC TAT CCA AAT CAC-3'**

PRIMER loxp_For	15pm / total volume 30ul	Tm:72°C
PRIMER ctso _Rev	15pm / total volume 30ul	Tm:72°C

**PCR MIX**

DNTPS (2mM)	3ul	
PCR BUFFER 10x	3ul	
PRIMER loxp_For	(0.5pm/ul)	
PRIMER ctso _Rev		(0.5pm/ul)
H2O		
TAQ POLYMERASE (5U/ul)	0.25ul	
DNA	2ul	
<b>TOTAL</b>	<b>30ul</b>	

**PCR PROGRAM:**

- 1) 95°C x 2'00''
- 2) 95°C x 0'30''
- 3) 46°C x 0'30''
- 4) 72°C x 1'00''
- 5) step 2 to step 5 x 50 repeats
- 6) 72°C x 10'00''
- 7) 4°C forever
- 8) End

**MUTATION:191bp**

