STRAIN: EM00244

cx 47 KO 1	**5'-CAG/GAT/CAA/TGG/AAG/ATT/CTC/GGT/CCC-3'**
cx 47 KO 2	**5'-GCC/AAG/CGG/TGG/ACT/GCA/TAG/CCC/AGG-3'**
cx 47 KO 3	**5'-GAC/ACG/CTG/AAC/TTG/CCG/TTT/ACG-3'**

cx 47 KO 1	15pm / total volume 30ul	Tm:	82°C
cx 47 KO 2	15pm / total volume 30ul	Tm:	90°C
cx 47 KO 3	15pm / total volume 30ul	Tm:	84°C

PCR MIX

DNTPS (2mM)		3ul
PCR BUFFER 10x		3ul
cx 47 KO 1	(0.5pm/ul)	
cx 47 KO 2	(0.5pm/ul)	
cx 47 KO 3	(0.5pm/ul)	
H2O		
TAQ POLYMERASE (5U/ul)		0.16ul
DNA		1ul
TOTAL		30ul

PCR PROGRAM:

1) 95°C x 2’00’’
2) 95°C x 0’30’’
3) 55°C x 0’30’’
4) 72°C x 1’50’’
5) step 2 to step 5 x 40 repeats
6) 72°C x 10’00’’
7) 4°C forever
8) End

MUTATION: 343 BP **WILD TYPE:** 530 BP