STRAIN: EM04411

PRIMER FGF11 FOR **5'-GTA-GAA-GCT-CAG-TCT-CAG-GGA-AAA-3'**
PRIMER FGF11 REV **5'-GGG-CAA-TGT-GTT-TGC-AAA-TGT-CGG-3'**
PRIMER FTR REV **5'-CCT TCC TCC TAC ATA GTT GGC AGT-3'**

PRIMER FGF11 FOR	15pm / total volume 30ul	Tm:	72°C
PRIMER FGF11 REV	3pm / total volume 30ul	Tm:	72°C
PRIMER FTR REV	15pm / total volume 30ul	Tm:	72°C

PCR MIX

DNTPS (2mM)		3ul
PCR BUFFER 10x		3ul
PRIMER FGF11 FOR	(0.5pm/ul)	
PRIMER FGF11 REV	(0.1pm/ul)	
PRIMER FTR REV	(0.5pm/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) 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: 369 BP **WILD TYPE:** 253 BP