

STRAIN: EM:01915 (CX30.2 flox)

PRIMER CX30.2-5HR 5'-CAA-AAG-GCG-TTC-CCT-GCT-GCG -3'

PRIMER BS-DSP1 5'- GAG-CAA-GAG-CGG-CTA-CTG-GAG-3'

PRIMER CX30.2-5HR 15pm / total volume 30ul Tm: 68°C

PRIMER BS-DSP1 15pm / total volume 30ul Tm: 68°C

PCR MIX

DNTPS (2mM) 3ul

PCR BUFFER 10x 3ul

PRIMER CX30.2-5HR (0.5pm/ul)

PRIMER BS-DSP1 (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 0'45''
- 3) 66°C x 0'45''
- 4) 72°C x 1'30''
- 5) step 2 to step 5 x 40 repeats
- 6) 72°C x 10'00''
- 7) 4°C forever
- 8) End

MUTATION: 290 BP WILD TYPE: 130 BP