

**STRAIN: EM00412 (Emyc)**

**PRIMER C-MYC (EMU) 5'-CAG/CTG/GCG/TAA/TAG/CGA/AGA/G-3'**

**PRIMER C-MYC (EMU) 5'-CTG/TGA/CTG/GTG/AGT/ACT/CAA/CC-3'**

PRIMER C-MYC (EMU) 15pm / total volume 30ul Tm: 68°C

PRIMER C-MYC (EMU) 15pm / total volume 30ul Tm: 70°C

**PCR MIX**

|                               |             |
|-------------------------------|-------------|
| dNTPS (2mM)                   | 3ul         |
| PCR BUFFER 10x                | 3ul         |
| PRIMER C-MYC (EMU) (0.5pm/ul) |             |
| PRIMER C-MYC (EMU) (0.5pm/ul) |             |
| H2O                           |             |
| TAQ POLYMERASE (5U/ul)        | 0.16ul      |
| DNA (200ng/ul)                | 1ul         |
| <b>TOTAL</b>                  | <b>30ul</b> |

**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: 650 BP**