

**STRAIN: EM08973 (Sds tm1)****PRIMER FRT24 REV                      5'-CCT TCC TCC TAC ATA GTT GGC AGT-3'****PRIMER SDS FOR                      5'- GAG TGG CTC CAG CCC AAA GAT TTA -3'**

PRIMER FRT24 REV                      15pm / total volume 30ul                      Tm:    72°C

PRIMER SDS FOR                      15pm / total volume 30ul                      Tm:    72°C

**PCR MIX**

DNTPS (2mM)                      3ul

PCR BUFFER 10x                      3ul

PRIMER FRT24 REV                      (0.5pm/ul)

PRIMER SDS FOR                      (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)    58°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: 198 bp**