

STRAIN:EM9221(Sost tm1)

PRIMER FRT24 REV **5'-CCT TCC TCC TAC ATA GTT GGC AGT-3'**

PRIMER SOST FOR **5'-CGCTGAGAAGTTCAAGACCATCCA-3'**

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

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

PCR MIX

| | |
|------------------------|-------------|
| dNTPS (2mM) | 3ul |
| PCR BUFFER 10x | 3ul |
| PRIMER FRT 24 | (0.5pm/ul) |
| PRIMER SOST FOR | (0.5pm/ul) |
| H2O | |
| TAQ POLYMERASE (5U/ul) | 0.3ul |
| DNA (200ng/ul) | 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: 212 bp