

**STRAIN: EM05837 (Pex1 tm1e)**

**PRIMER Frt24 Rev            5'-CCT TCC TCC TAC ATA GTT GGC AGT-3'**

**PRIMER Pex1 For            5'-ACA TGG GCC ACC TCT TCA TTG TAG-3'**

PRIMER Frt24 Rev            15pm / total volume 30ul            Tm:72°C

PRIMER Pex1 For            15pm / total volume 30ul            Tm:72°C

**PCR MIX**

DNTPS (2mM)	3ul
PCR BUFFER 10x	3ul
PRIMER Frt24 Rev	(0.5pm/ul)
PRIMER Pex1 For	(0.5pm/ul)
H2O	
TAQ POLYMERASE (5U/ul)	0.25ul
DNA	2ul
<b>TOTAL</b>	<b>30ul</b>

**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:255bp**

