

**STRAIN: EM05655 (Cab39l tm1a)**

**PRIMER LoxP For**                    **5'-TTA TGG TCT GAG CTC GCC ATC AGT -3'**

**PRIMER Cab39l Rev**                **5'- CAG CAC TGC AAG AAT GTG TAC CTC-3'**

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

PRIMER Cab39l Rev                15pm / total volume 30ul                    Tm:72°C

**PCR MIX**

DNTPS (2mM)	3ul
PCR BUFFER 10x	3ul
PRIMER LoxP For	(0.5pm/ul)
PRIMER Cab39l Rev	(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 1'30''
- 5) step 2 to step 5 x 50 repeats
- 6) 72°C x 10'00''
- 7) 4°C forever
- 8) End

**MUTATION:** 152 bp

