

STRAIN: EM00592

CLC1 (KO) R/M-N3REV **5'-CAT/CTC/TCT/GCC/ATT/CTT/CAG/G-3'**
CLC1 (KO) R/M-V1FORW **5'-CTG/TCC/AAC/CTA/AAC/TCT/CAA/GC-3'**
CLC1 (KO) R/M-V2REV **5'-GGC/TAG/CGT/GCA/TTA/CAC/AG-3'**

CLC1 (KO) R/M-N3REV	15pm / total volume 30ul	Tm: 62°C
CLC1 (KO) R/M-V1FORW	15pm / total volume 30ul	Tm: 68°C
CLC1 (KO) R/M-V2REV	15pm / total volume 30ul	Tm: 60°C

PCR MIX

DNTPS (2mM)	3ul
PCR BUFFER 10x	3ul
CLC1 (KO) R/M-N3REV	(0.5pm/ul)
CLC1 (KO) R/M-V1FORW	(0.5pm/ul)
CLC1 (KO) R/M-V2REV	(0.5pm/ul)
H2O	
TAQ POLYMERASE (5U/ul)	0.2ul
DNA	2ul
TOTAL	30ul

PCR PROGRAM:

- 1) 95°C x 2'00''
- 2) 95°C x 0'30''
- 3) 56°C x 0'30''
- 4) 72°C x 1'30''
- 5) step 2 to step 5 x 45 repeats
- 6) 72°C x 10'00''
- 7) 4°C forever
- 8) End

MUTATION: 400 BP **WILD TYPE: 600 BP**