

## STRAIN: EM:05780

loxp\_for: TTATGGTCTGAGCTCGCCATCAGT

Tm: 63°C

fcgbp\_rev: TGTCCTGAAACTCACCCCTGTAGAC

Tm: 63°C

### PCR MIX (GoTaq HotStart)

5X GoTaq buffer	6 µL
MgCl <sub>2</sub> Sol. 25mM	1.2 µL
dNTP's 10mM each	0.6 µL
loxp_for (Ci=100pm/µL)	0.15 µL
fcgbp_rev (Ci=100pm/µL)	0.15 µL
GoTaq polymerase	0.15 µL
DNA	1 µL
H <sub>2</sub> O	20.75 µL
<b>TOTAL</b>	<b>30 µL</b>

### PCR PROGRAM:

- 1) 95°C x 2'00''
- 2) 95°C x 0'30''
- 3) 46°C x 0'30''
- 4) 72°C x 1'00''
- 5) step 2 to step 5 x 40 repeats
- 6) 72°C x 10'00''
- 7) 4°C forever
- 8) End

**MUTATION: 177 BP**

