

Cre Nurr

Primers

(F19) 5' Primer name: TCCTCATCCTCTCCCACATC

(R19) 3' Primer name: GCGATGCAATTCCTCATTT

(F_actin) 5' Primer name: TGT TAC CAA CTG GGA CGA CA

(R_actin) 3' Primer name: GAC ATG CAA GGA GTG CAA GA

PCR Reaction Volume (ul): **25** Amount of each primer per rxn (ul):

F19_5': 0.315 μ L (from stock 20 μ M, 250 nM final),

F19_3': 0.315 μ L (from stock 20 μ M, 250 nM final);

F_actin_5': 0.625 μ L (from stock 20 μ M, 500 nM final),

R_actin_3': 0.625 μ L (from stock 20 μ M, 500 nM final),

Size of PCR Product (bp): **386 for BAC transgene, 510 bp for actin**

Denaturing Temp: **95°C** _____ Denaturing Time: **30 sec** _____

Annealing Temp: **59°C** _____ Annealing Time: **30 sec** _____

Extension Temp: **72°C** _____ Extension Time: **45 sec** _____ # of Cycles: **35** _____