*APP PCR for APPswe,PSEN1dE9 mice*

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Updated: 12.03.13

40 l of oIMR3610 (Transgene)

40 l of oIMR3611 (Transgene)

6 l of oIMR7338 (Internal positive control forward)

6 l of oIMR7339 (Internal positive control reverse)

(586.5 l dH2O) x 2

1.203 l dH2O

Add 11.4 l primer mix

Add 12.6 l EconoTaq

Add 1 l of DNA to tube.

*PCR Program*

Use APP program.

94ºC 3:00

94ºC 0:30

56ºC 1:00 (should work at any temp from 54ºC to 66ºC)

72ºC 1:00

35X to Step 2

72ºC 2:00

10ºC forever

*Primers*

oIMR3610: AGG ACT GAC CAC TCG ACC AG

oIMR3611: CGG GGG TCT AGT TCT GCA T

oIMR7338: CTA GGC CAC AGA ATT GAA AGA TCT

oIMR7339: GTA GGT GGA AAT TCT AGC ATC ATC C

transgene: 377 bp

internal positive control: 324 bp