

STRAIN NAME : **D1.Cg-Thy1^a/Orl (EM:12679)**

REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Sigma)
- Primers 30µM (Eurofins)
- Mineral Oil (Fisher Scientific)
- DNA (extracted with Kapa Mouse Genotyping kit)

REACTION MIX :

MIX	Quantity / well
Water	7,40 µl
2X Kapa Buffer	10,00 µl
Thy1 for	0,30 µl
Thy1 rev	0,30 µl
DNA	2,00 µl
Final Quantity	20,00 µl

PCR PROGRAM:

3 min	95°C	
15 sec	94°C	
15 sec	60°C	35 cycles
30 sec	72°C	
5 min	72°C	

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- Thy1 for 5' TAGAGGTGAGACTGGTTCCCA 3'
- Thy1 rev 5' GGAAGGGTAATGGAGGTGCCT 3'

EXPECTED AMPLIFICATIONS

B6 allele : 110 bp
 Thy1.1 allele : 100 bp
 Balb/c allele : 70 bp

Perfection date : 21/06/2007
 Update :