



STRAIN NAME :

**MHC-5HT2B**

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
MHC F	0,30 µl
MHC R	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

- MHC F                    5' TGTAATCTTGATGAATGCAGTAGCC 3'
- MHC R                    5' CAGAAGACATGTGATCACCTGATC 3'

EXPECTED AMPLIFICATIONS

Transgene : 474 bp

*Perfection date : 30/11/2012*

*Update :*