

RBRC 04752

Strain name C57BL/6J-Tg(DBH-hMOR)D

Primer	primer_name	primer_seq	length	Reference
1	MOR2U	TCCGTACTCCCCGAAATG	18	Depositor's primer
2	MOR3L	GGCAGCTGTTTGTGTAAC	18	Depositor's primer

Reaction Components

Enzyme TaKaRa Ex Taq (Cat. No. RR001A)

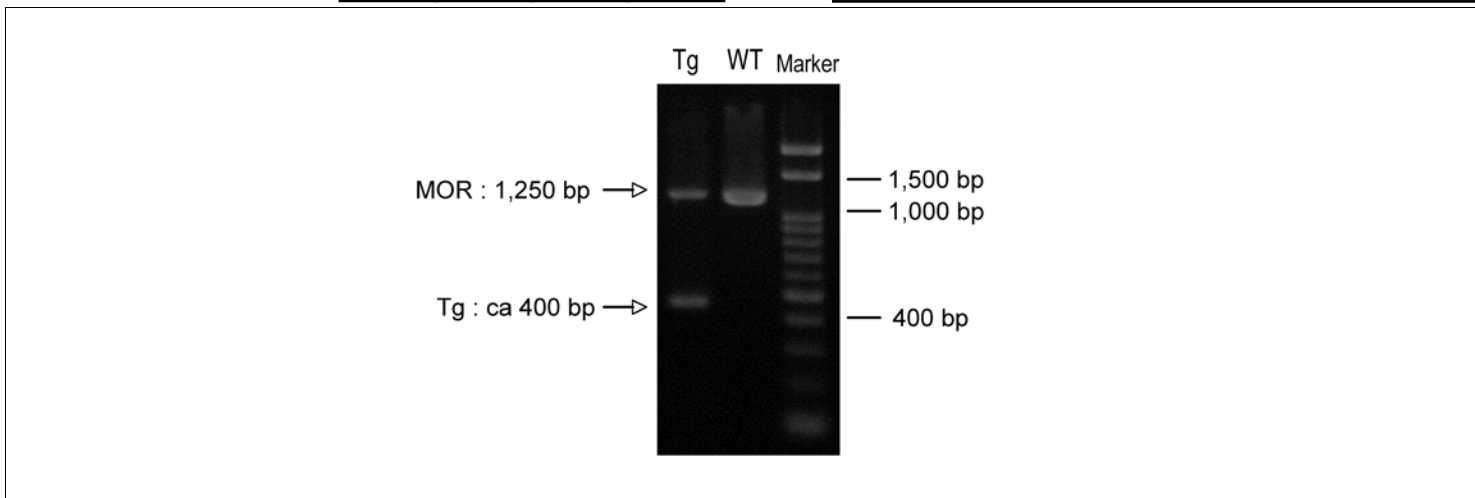
Reaction Conditions

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	60	30*	
4	72	60*	*Repeat for 30 cycles
5	72	300	

Reagent	Conc	Reaction 1	2	3	4	(μ L)
H2O		13.3				
PCR buffer	10 X	2.0				
dNTP	2.5 mM	1.6				
primer 1	10 pmol/ μ l	1.0				
primer 2	10 pmol/ μ l	1.0				
DNA		1.0				
Taq	5 U/ μ l	0.1				
total		20				

Marker Gene Ladder 100 (Wako, Cat. 316-06951)

Gel 2% agarose in 1 X TAE (100 V, 30 min)



primer_set	product_size	product (allele type)	
primer 1	primer 2	1,250 bp	MOR (internal)
primer 1	primer 2	500 bp	Tg

Comment Standard PCR