

BRC_No 01679 Strain name PV324

Primer	primer_name	primer_seq	length
1	Myadm-PV324-F1	GCTACACAGAGAAACCCCGTCTC	23
2	Myadm-PV324-R1	TGCCCTGTGAAAAGATTTTCGTGTAC	25
3	T/BAL	CTTGTGTCATGCACAAAGTAGATGTCC	27

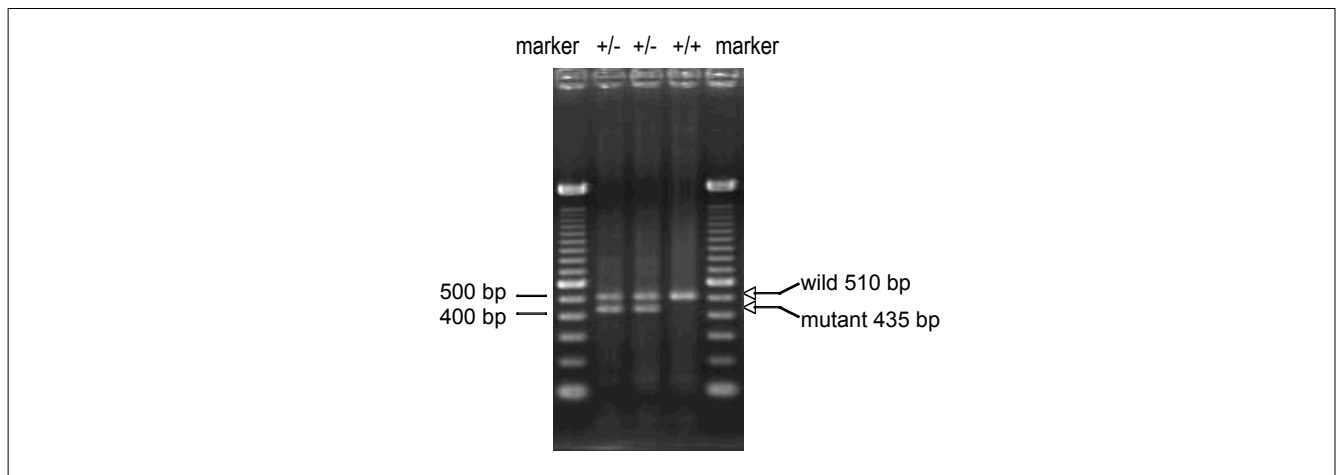
Reaction Components

Enzyme Roche Taq (Cat. No. BM1418432)

Reaction Conditions

Conc	Run 1	Run 2	Run 3
H2O	16.3		
PCR buffer	10 X 2.5		
dNTP	2.5 mM 2.0		
primer 1	10 pmol/ μ l 1.0		
primer 2	10 pmol/ μ l 1.0		
primer 3	10 pmol/ μ l 1.0		
DNA	1.0		
Taq	0.2		
total	25		

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	55	30*	
4	72	60*	*Repeat for 35 cycles
5	72	300	



Marker

100 bp ladder (Invitrogen, Cat. 15628-050)

Gel

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

PCR products

primer_set	product_size	product
primer 1 primer 2	510 bp	wild
primer 2 primer 3	435 bp	mutant

Comment