RIKEN BRC

Dec. 27, 2005

BRC_No 01152 **Strain name** hairy and enhancer of split-related 2

Primer

	primer_name	primer_seq	length	
1	TVSFF	CAATGTGTCAGGCTGCAGATACAG	24	
2	TVSRR	GGCACACAGTAGGTAACTGCTTCT	24	
3	PGK RM130	CCAGAGGCCACTTGTGTAGCG	21	

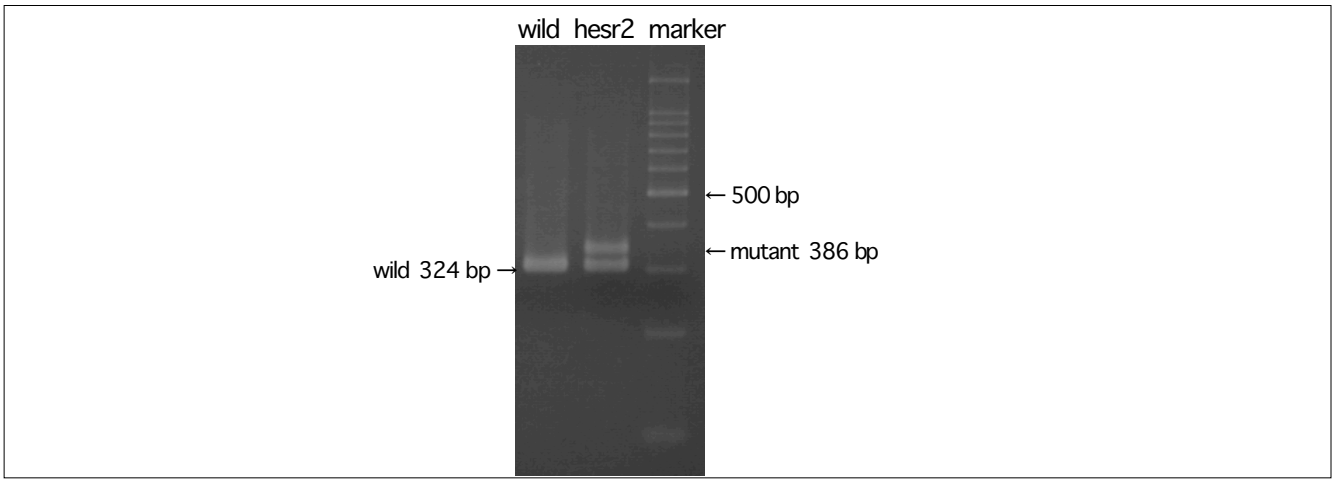
Reaction Components

Enzyme QIAGEN Multiplex PCR Kit

	Conc	Run 1	Run 2	Run 3
H2O		6.0		
primer 1	10 pmol/μl	1.0		
primer 2	10 pmol/μl	1.0		
primer 3	10 pmol/μl	1.0		
DNA		1.0		
Taq	2X Multip	10.0		
	total	20		

Reaction Conditions

step	temp (℃)	time (sec)	note
1	95	900	
2	94	30	*
3	60	90	*
4	72	90	* *Repeat for 30 cycles
5	72	600	



Marker

100 bp DNA Ladder (TAKARA, Cat. 3407A)

Gel

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

PCR products

primer_set		product_size	product
primer 2	primer 3	386 bp	mutant
primer 1	primer 2	324 bp	wild

Comment