

RBRC 12088

Strain name DW/J-Tpst2<grt>/Jnios

Primer	primer_name	primer_seq	length	Reference
1	common	CCCTTTACTTACTGAGCCATACTGC	25	RIKEN BRC
2	WT	GGAGTGACACAGTCCTGCACCTC	23	RIKEN BRC
3	MT	GGAGTGACACAGTCCTGCACCTG	23	RIKEN BRC

Reaction Components

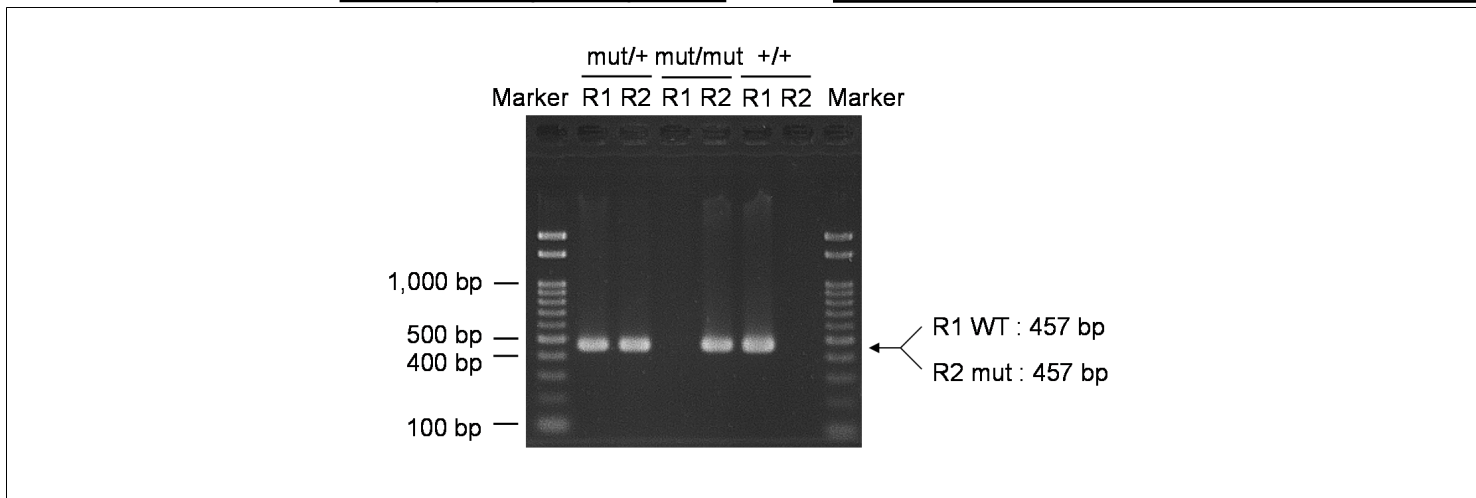
Enzyme

Reagent	Conc	Reaction 1	2	3	4	(μL)
H2O		2.0	2.0			
Master Mix	2 X	5.0	5.0			
primer 1	10 pmol/μl	1.0	1.0			
primer 2	10 pmol/μl	1.0	0			
primer 3	10 pmol/μl	0	1.0			
DNA		1.0	1.0			
total		10	10			

Reaction Conditions

step	temp (°C)	time (sec)	note
1	95	900	
2	94	30*	
3	65	90*	
4	72	60*	*Repeat for 30 cycles

Marker
Gel



primer_set	product_size	product (allele type)
primer 1	457 bp	WT
primer 1	457 bp	mutant

Comment