

RBRC 05290      Strain name B6.129P2-Dscam<tm1.1Kzy>/A151Kzy

Primer	primer_name	primer_seq	length	
1	CAM1E-Seq23	CACATCGCATCAAAAAGTCT	20	Depositor's primer
2	CAM1E-Seq9	CATGTGGTAGATTCTCACTCCA	21	Depositor's primer
3	CAM1E-Seq2	TCTCTCCAGAGGGCACTAA	19	Depositor's primer
4	CAM1E-Seq38	TAAAGCAGCAGCAGAGGAGT	20	Depositor's primer

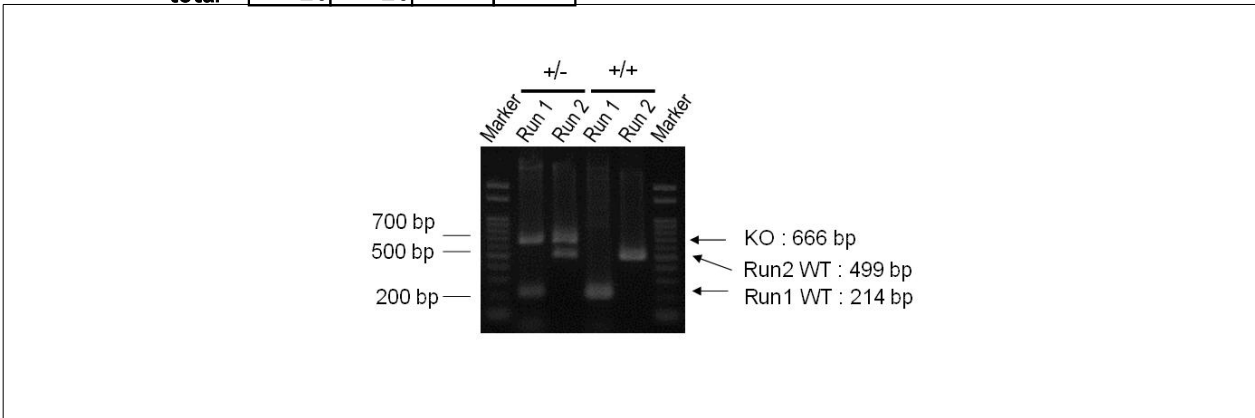
### Reaction Components

Enzyme TOYOBO KOD FX (Code.No : KFX-101)

### Reaction Conditions

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		1.8	1.8		
PCR buffer	2 X	10.0	10.0		
dNTP	2.0 mM	4.0	4.0		
primer 1	10 pmol/ $\mu$ l	1.0	1.0		
primer 2	10 pmol/ $\mu$ l	1.0	1.0		
primer 3	10 pmol/ $\mu$ l	0	1.0		
primer 4	10 pmol/ $\mu$ l	1.0	0		
DNA		1.0	1.0		
Taq	1 U/ $\mu$ l	0.2	0.2		
<b>total</b>		<b>20</b>	<b>20</b>		

step	temp (°C)	time (sec)	note
1	94	120	
2	98	10*	
3	60	30*	
4	68	60*	*Repeat for 30 cycles



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

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

PCR products			
	primer_set	product_size	product
primer 1	primer 4	214 bp	WT
primer 1	primer 2	666 bp	KO
primer 3	primer 2	499 bp	WT

Comment