PCR protocol

Sheet ID PS_02567
Release date : 5/30/2017
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RBRC 03135 **Strain name** B6:TT2-Pcdh-del.ab(CBA-CBA)

Primer	primer_name	primer_seq	length		
1	v1up 300 F	GCTTATTTGCTAGAACGTCC	20		Depositor's primer
2	B22-FWt	GCTCCTGATTGAATTTGCC	19		Depositor's primer
3	B22-R	TGATGTGGGTCTGGTTTCC	19		Depositor's primer

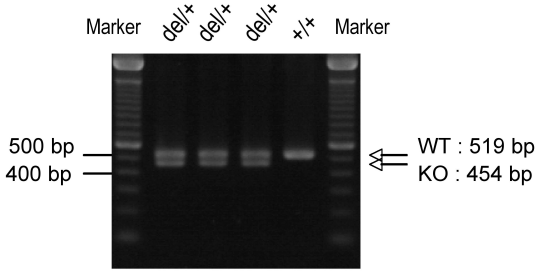
Reaction Components

Enzyme TaKaRa Ex Taq (Cat. No. RR001A)

	Conc	Run 1	Run 2	Run 3	Run 4
H2O		16.3			
PCR buffer	10 X	2.5			
dNTP	2.5 mM	2.0			
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		0.2			
	total	25			

Reaction Conditions

step	temp (℃)	time (sec)	note
1	94	180	
2	94	30*	
3	60	30*	
4	72	60*	*Repeat for 30 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 2	primer 3	519 bp	WT
primer 1	primer 3	454 bp	KO

Comment