

RBRC 11834

Strain name B6.Cg-Gpr35<em1Kftnk>

Primer	primer_name	primer_seq	length	Reference
1	upper_v2	CCTGTCAAGGCTCTGGATTAG	21	Depositor's primer
2	lower_del	GAGACAGTGGGATGAGAACTTG	22	Depositor's primer
3	lower_v2	AGCTTGGCTACTATCGACTTTAC	23	Depositor's primer

Reaction Components

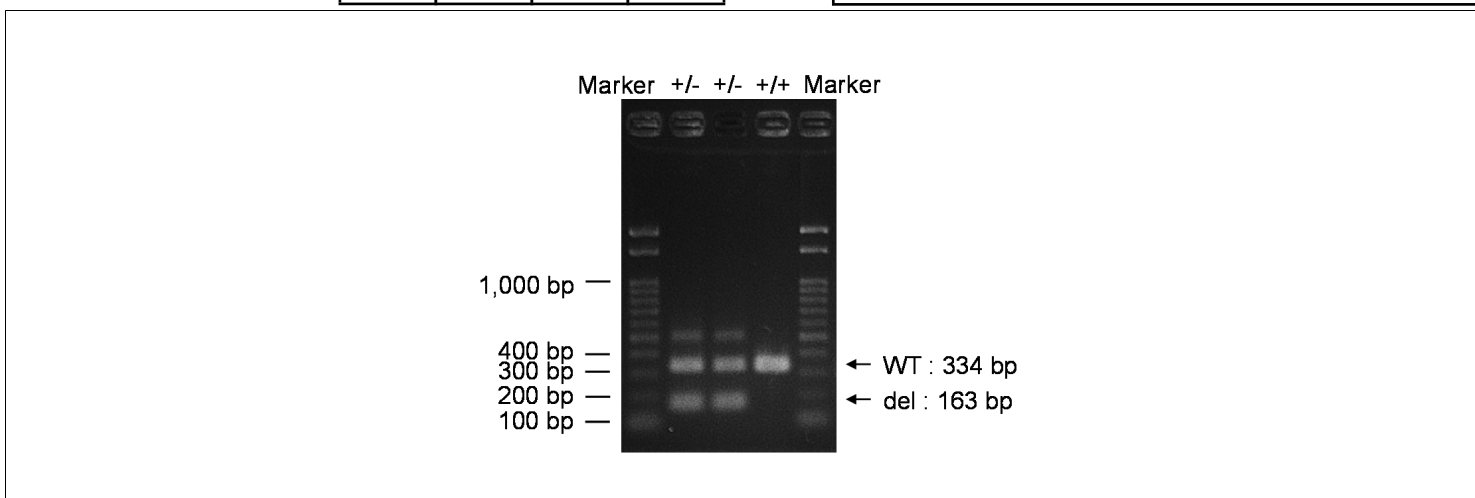
Enzyme TOYOBO KOD FX (Code.No : KFX-101)

Reagent	Conc	Reaction 1	2	3	4
H2O		1.8			
PCR buffer	2 X	10.0			
dNTP	2.0 mM	4.0			
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	1 U/μl	0.2			
total		20			

Reaction Conditions

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)



primer_set	product_size	product (allele type)
primer 1 primer 2	334 bp	WT
primer 1 primer 3	163 bp	del

Comment Standard PCR

Novagen KOD Xtreme™ Hot Start DNA Polymerase can be purchased from EMD.