

RBRC 04820

Strain name B6.Cg-Del(18Pcdha-Pcdhg) Tg(Taf7)/TyagRbrc

Primer	primer_name	primer_seq	length	Reference
1	v1up 300 F	GCTTATTTGCTAGAACGTCC	20	Front. Mol. Neurosci., 9:155 (2016).
2	Pcdh α 1R1	CAATGTCTGCGTCCACGGCG	20	Depositor's primer
3	ENR	CCAAGGCGACAGAGAAGGAAG	21	Front. Mol. Neurosci., 9:155 (2016).
4	BAC probe F	GCGCGCCAAAGCTTGCATGC	20	Front. Mol. Neurosci., 9:155 (2016).
5	440M12	CATCATCACTCCCAGGAGCAGC	22	RIKEN BRC

Reaction Components

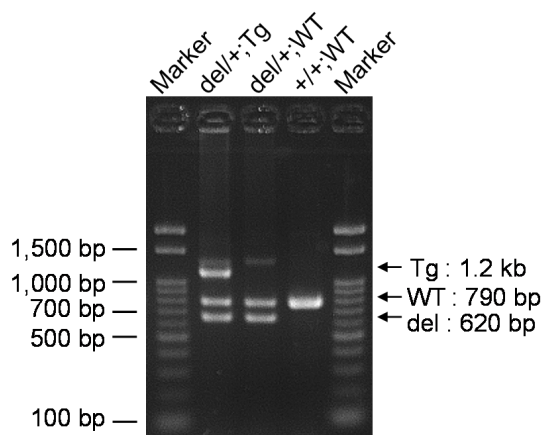
Enzyme	QIAGEN Multiplex PCR Kit (Cat. No. 206143)
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Reaction Conditions

step	temp (°C)	time (sec)	note
1	95	900	
2	94	30*	
3	63	90*	
4	72	90*	*Repeat for 30 cycles

Reagent	Conc	Reaction 1	2	3	4
H2O		1.5			
primer 1	10 pmol/ μ l	0.5			
primer 2	10 pmol/ μ l	0.5			
primer 3	10 pmol/ μ l	0.5			
primer 4	10 pmol/ μ l	0.5			
primer 5	10 pmol/ μ l	0.5			
Master Mix	2 X	5.0			
DNA		1.0			
total		10			

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	790 bp
primer 1	primer 3	620 bp
primer 4	primer 5	1.2 kb

Comment Separated PCR