



Sheet ID PS_08122
Release date : 1/13/2021
Print date : 1/13/2021

Strain name B6:B6129-Cbx3<tm1.1Hko>

[illegible]

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

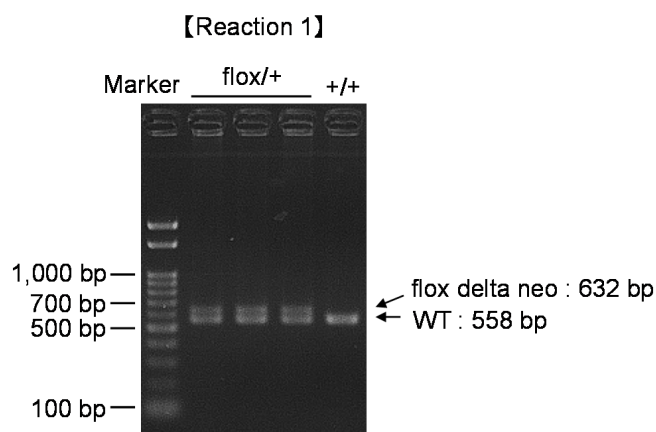
step	temp (°C)	time (sec)	note
------	--------------	---------------	------

1	94	120	[Reaction 1]
2	98	10*	
3	60	30*	
4	68	60*	*Repeat for 30 cycles
1	94	120	[Reaction 2]
2	98	10*	
3	60	30*	
4	68	180*	*Repeat for 30 cycles

[illegible]

Marker	marker Run1: Gene Ladder 100 (Wako, Cat. 316-06951), marker Run2: 2-Log DNA Ladder (NEB, Cat. N3200)
---------------	--

Gel	Run1:2% agarose in 1 X TAE (100 V, 30 min)Run2:1% agarose in 1 X TAE (100 V, 30 min)
------------	--



primer_set		product_size	product (allele type)
primer 1	primer 2	558 bp	WT
primer 1	primer 2	632 bp	flox delta neo
primer 2	primer 3	1,101 bp	WT
primer 2	primer 3	1,209 bp	flox delta neo
primer 2	primer 3	146 bp	null (After cre mediated excision)

Comment Standard PCR

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