

RBRC 05165

Strain name B6;B6CB-Slc17a7&lt;tm1.1(IRES-EGFP/TeNT)Imayo&gt;

Primer	primer_name	primer_seq	length	
1	VGLUT1-WT-fw	CAGGTCTCAGTAGTGGCTGCCCAAAG	26	Depositor's primer
2	VGLUT1-WT-rv	GCCAGGCAGAACTTCCCAATAAACCCAC	27	Depositor's primer
3	EGFP-TeNT-413bp-rv	TATCTAATAAGGCTTCACCTGCTAC	25	Depositor's primer

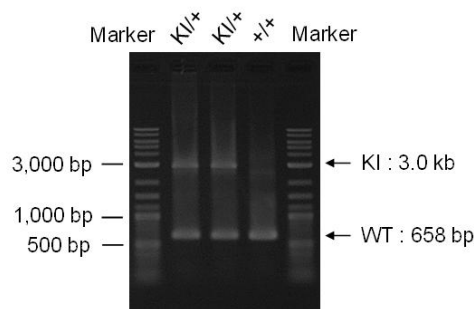
**Reaction Components**

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

step	temp (°C)	time (sec)	note
1	94	120	
2	98	10*	
3	60	30*	
4	68	240*	*Repeat for 30 cycles

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


**Marker**

2-Log DNA Ladder (NEB, Cat. N3200)

**Gel**

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

**Comment**

PCR products	primer_set	product_size	product
primer 1	primer 2	658 bp	WT
primer 1	primer 3	3.0 kb	KI