

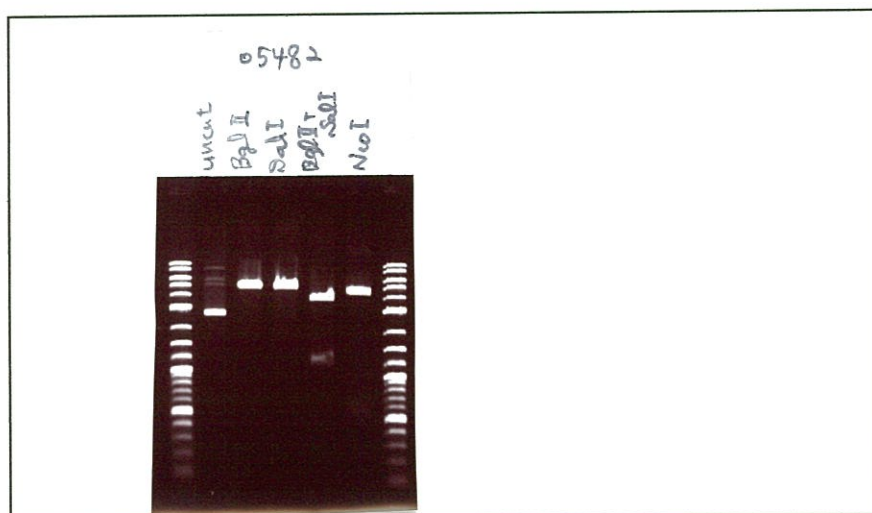
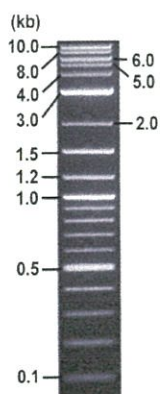


RIKEN DNA BANK

clone name : pKM2L-phCYCA1

- Clone ID : RDB\_05482
- Lot : 05482\_A3L9
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microgram
- Form : DNA solution in TE buffer
- Host : DH5  $\alpha$
- Culture : LB medium
- Antibiotics : 25 microgram/ml kanamycin
- Purification : QIAGEN QIAprep Spin Miniprep kit
- Digestion by restriction enzyme

2-Log DNA Ladder  
(NEB#N3200L),  
125 ng/well



Electrophoresis : 48 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>Bgl II</u>	<u>5.5</u> kbp
<u>Sal I</u>	<u>5.5</u> kbp
<u>Bgl II + Sal I</u>	<u>1.3, 4.2</u> kbp
<u>Nco I</u>	<u>0.6, 4.9</u> kbp
	kbp

● Confirmation of the insertion sequence

Sequence name	Primer name
Sequence - A	M13_-40
Sequence - B	phRLR2
Sequence - C	
Sequence - D	

APPROVED BY :





S/N G:172 A:100 T:89 C:1 primer name B : phRLR2

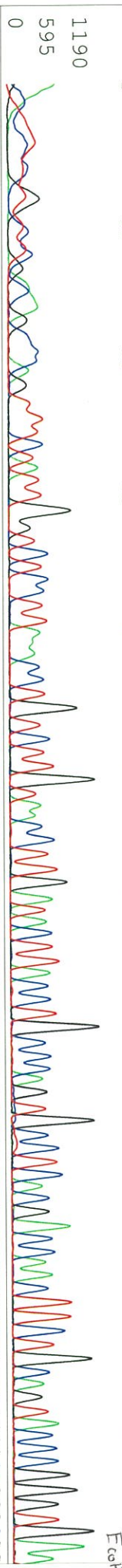
KB.bcp

KB 1.4.1.8 Cap:18

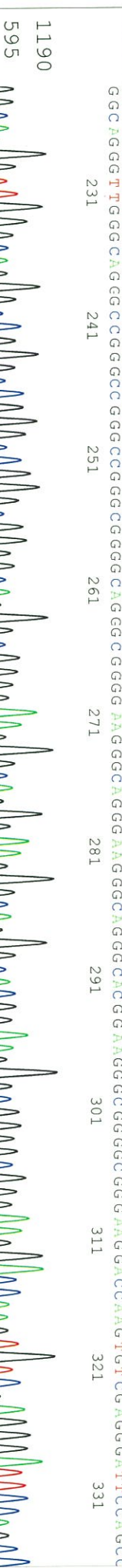
5'-CCAATAGGTGGCTATTCAGAAACGC-3'

Dec 12, 2013 11:09AM, JST  
Dec 12, 2013 11:36AM, JST  
Spacing:1.81 Pts/Panel1350  
Plate Name: 20131212\_mix

1 A C T C C C C T G C C G A C A G C C C A G T T T C T A T T G G T C T C C T T A P A C C T G T C T T G T A A C C T T G A T F A C T T A C C T G C C C A G T G C C T C A C G A C C A A C T C T G C A G T A C C C G G T G A A



1 T T C T A C C G C T C G A C A G G C T T C C C C G T C G T T A T C T T T C T A T G T G T C C G G A A C A A C T G G C A A G T G C A C T G G A G G A T C C C G G T T A A G A G G T G G C C G C C T G G C C A G G G C A G G C C G



0 T G G A G C C G C C C C G G G C T T A G C G A T G C C G G C T A G C T G C C C A C C C G C G T T G A A T C G G C C A A T C A C C G G C C C C C C G G A C C T A G C G G G A G C G T T T C C A T G C C G A C C G C G C A

