

RIKEN Clone ID : IRAL011D17

Vector : pOTB7

Gene	CDK4	
Accession No.	BC003644.2	1386 bp
	<i>CDS</i>	912 bp
		140..1051

● Plasmid DNA purification

Date : 130117

Culture : LB (25 ug/ml Chloramphenicol) 10 ml → at 37 deg C over night

Date : 130118

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

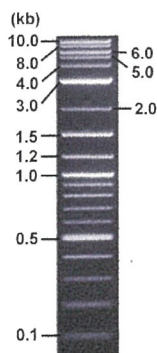
Date : 130118

DNA concentration (O.D.): 258 ng/ul

DNA	0.2	ul
Enzyme (BamHI + BglII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.8	ul
Total	10	ul

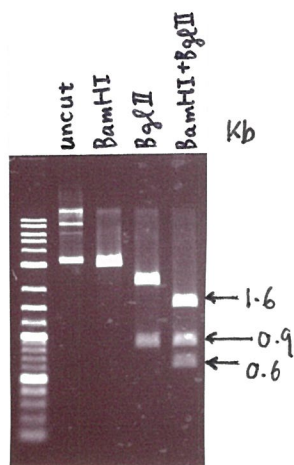
Erectrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder (NEB#N3200L)



<Expected size of fragment from BC003644.2 >

.....1615, 924, 648 bp.....



● Confirmation of the insertion sequence

Date : 130122

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Adjustment of DNA concentration

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/ul

Date : 130125

DNA (<u>258</u> ng/ul)	83.0	ul
10x TE	85.7	ul
dH ₂ O	687.9	ul
Total	856.6	ul



APPROVED BY :

<http://dna.brc.riken.jp/index.html>

S/N G:1146 A:898 T:807 C:757

Primer A: pOTB7-F

KB_3500_POP7_BDTV3.mob

Jan 22, 2013 10:57AM, JST

KB.bcp

Pts 1389 to 14166 Pk1 Loc:1366

Spacing:12.49 Pts/Panel1350

KB 1.4.1.8 Cap:2

5' AACGGCGCTACAATTAATAATAACC 3'

Version 5.4 HiSQV Bases: 1045

Plate Name: 20120122_GNP-kitaku

