

RIKEN Clone ID : IRAL001N14

Vector : pOTB7

Gene	ACTB	
Accession No.	BC002409.2	1849 bp
	<i>CDS</i>	1128 bp
		72..1199

● Plasmid DNA purification

Date : 120705

Culture : LB (25 ug/ml Chloramphenicol) ~~10~~⁵ ml → 37°C O/N

Date : 120706

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

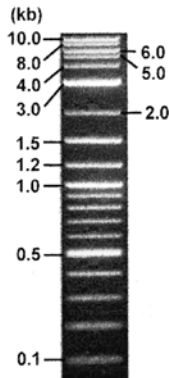
Date : 120706

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

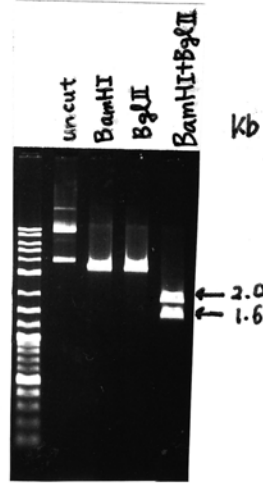
Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected digestion pattern from BC002409.2 >

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2035, 1615, bp



● Adjust plasmid DNA solution to 25 ng/ul ~preparation for shipping~

Date : 120712

Shipped : 25 ng/ul, 40 ul

DNA (<u>258</u> ng/ul)	85.0	ul
10x TE	87.7	ul
dH ₂ O	704.5	ul
Total	877.2	ul

