

**RIKEN clone ID: IRAL024I22**

Vector : pOTB7

Gene	STK11		
Accession No.	BC007981.2	2291 bp	1..2291
	<i>CDS</i>	1302 bp	451..1752

● Plasmid DNA purification

Date : 120126 Culture : LB (25 ug/ml Chloramphenicol) 10 ml →37°C O/N

Date : 120127 Purification : QIAGEN Miniprep kit→dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme / Concentration calibration

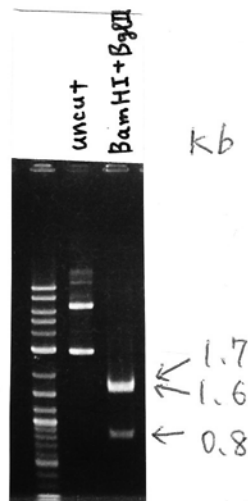
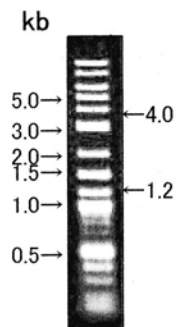
Date : 120127

DNA concentration (O.D.): 168 ng/ul

DNA	0.5 ul
Enzyme (BamHI+Bgl II)	0.5+0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	7.5 ul
<b>Total</b>	<b>10 ul</b>

Erectrophoresis: 1% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern from BC007981.2>

1615, 1675, 802 bp

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

Date : 120201 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA ( <u>168</u> ng/ul)	88 ul
10 × TE	59.1 ul
dH <sub>2</sub> O	444.3 ul
<b>Total</b>	<b>591.4 ul</b>

