

RIKEN clone ID: IRAL029N08

Vector : pOTB7

Gene	SLC39A8	
Accession No.	BC012125.1	3169 bp
	<i>CDS</i>	1383 bp
		384..1766

● Plasmid DNA purification

Date : 120110 Culture : LB (25 ug/ml Chloramphenicol) 10 ml →37°C O/N

Date : 120111 Purification : QIAGEN Miniprep kit →dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

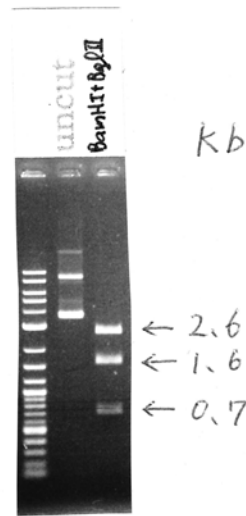
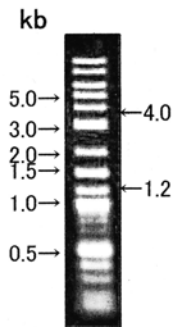
Date : 120111

DNA concentration (O.D.): 68 ng/ul

DNA	1 ul
Enzyme (BamHI+Bgl II)	0.5+0.5 ul
Buffer H	1 ul
dH ₂ O	7 ul
Total	10 ul

Electrophoresis: 1% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern from BC012125.1>

1615, 2644, 711 bp

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

Date : 120117 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA (<u>68</u> ng/ul)	80 ul
10 × TE	21.8 ul
dH ₂ O	115.8 ul
Total	217.6 ul

