

**RIKEN clone ID: IRAL017H11**

Vector : pOTB7

Gene	PARP16		
Accession No.	BC006389.1	2560 bp	1..2560
	<i>CDS</i>	972 bp	264..1235

● Plasmid DNA purification

Date : 120202 Culture : LB (25 ug/ml Chloramphenicol) 10 ml → 37°C O/N

Date : 120203 Purification : QIAGEN Miniprep kit → dH<sub>2</sub>O <sup>70</sup>~~100~~ ul

● Digestion by restriction enzyme / Concentration calibration

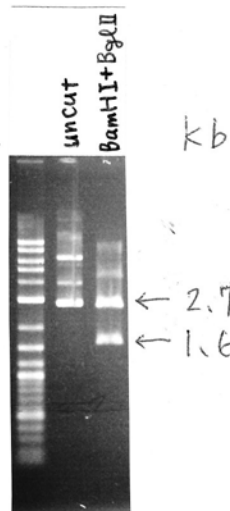
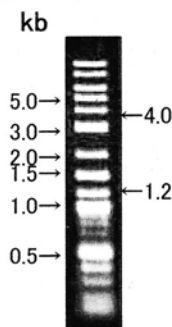
Date : 120203

DNA concentration (O.D.): 67 ng/ul

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

Electrophoresis: 1% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern from BC006389.1>

1615, 2746 bp

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

Date : 120210 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA ( <u>67</u> ng/ul)	56	ul
10 × TE	15	ul
dH <sub>2</sub> O	79	ul
Total	150	ul

