

RIKEN clone ID: IRAK166L14

Vector : pCMV-SPORT6

Gene	PARP8	
Accession No.	BC075801.1	2870 bp
	<i>CDS</i>	2439 bp
		1..2870
		118..2556

● Plasmid DNA purification

Date : 120202 Culture : LB (100 ug/ml Ampicillin) 5 ml → 37°C O/N

Date : 120203 Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

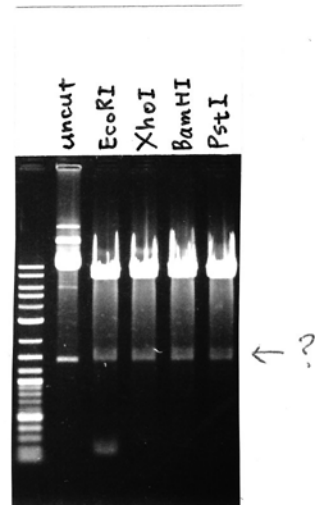
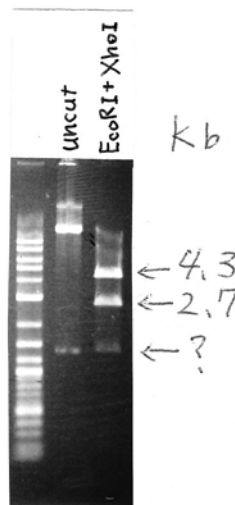
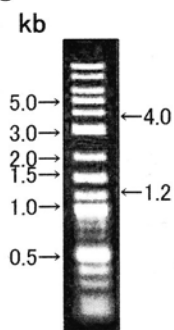
Date : 120203

DNA concentration (O.D.): 46.5 ng/ul

DNA	2 ul
Enzyme (EcoRI+XhoI)	0.5+0.5 ul
Buffer H	1 ul
dH ₂ O	6 ul
Total	10 ul

Electrophoresis: 1% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern from BC075801.1>

4339, 2748, 165 bp

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

Date : 120216 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA (<u>46.5</u> ng/ul)	95 ul
10 × TE	14.0 ul
dH ₂ O	50.5 ul
Total	139.5 ul

