

RIKEN clone ID: IRAK074L03

Vector : pBluescriptR

Gene	HSPA4L		
Accession No.	BC040560.1	3284 bp	1..3284
	<i>CDS</i>	2520 bp	254..2773

● Plasmid DNA purification

Date : 120111 Culture : LB (100 ug/ml Ampicillin) 10 ml →37°C O/N

Date : 120112 Purification : QIAGEN Miniprep kit →dH₂O 100 ul

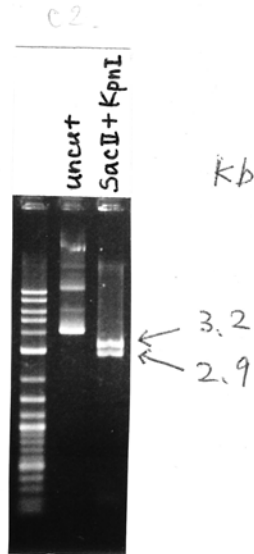
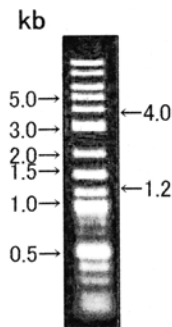
● Digestion by restriction enzyme / Concentration calibration

Date : 120112. DNA concentration (O.D.): 200 ~~0.5~~ ng/ul

DNA	0.5 ul
Enzyme (Sac II +KpnI)	0.5+0.5 ul
Buffer L	1 ul
dH ₂ O	7.5 ul
Total	10 ul

Electrophoresis: 1% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern from BC040560.1>

2862, 3236, 176 bp

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

Date : 120113 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA (<u>200</u> ng/ul)	82 ul
10 × TE	65.0 ul
dH ₂ O	508.4 ul
Total	656.0 ul

