

RIKEN Clone ID : TEx17G07 (PC010604-41)

Vector : pET11a

Locus tag	TTHA0604
Insert size	1623 bp
Product	long-chain-fatty-acid--CoA ligase

● Plasmid DNA purification

Date : 120625

Culture : LB (100 ug/ml Ampicillin) 5 ml -> 37°C O/N

Date : 120626

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

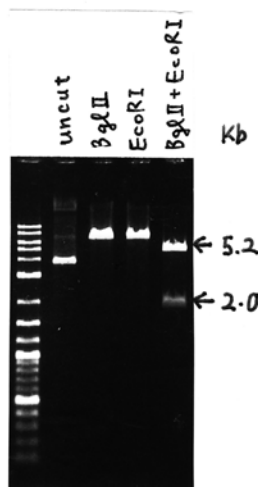
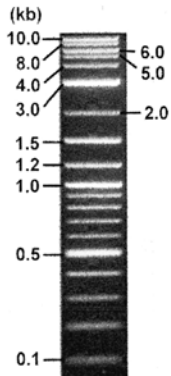
Date : 120626

DNA concentration (O.D.): 41.5 ng/ul

DNA	1	ul
Enzyme (BglII + EcoRI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7	ul
Total	10	ul

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected digestion pattern from TEx17G07 >

.....5250, 2051 bp

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

Date : 120629

Shipped : 25 ng/ul, 40 ul

DNA (<u>41.5</u> ng/ul)	77.0	ul
10x TE	12.8	ul
dH ₂ O	38.0	ul
Total	127.8	ul

