

S.pombe ORFeome YFP-FLAG-His tag expression clone

RIKEN clone ID : SpYFH36D10

Vector : pDual-YFH1c

Systematic Name **SPBC19F5.03**

CDS length **1797 bp**

● Plasmid DNA purification

Date : 111025 Culture : LB (100 ug/ml Ampicillin) 5 ml → 37°C O/N

Date : 111026 Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

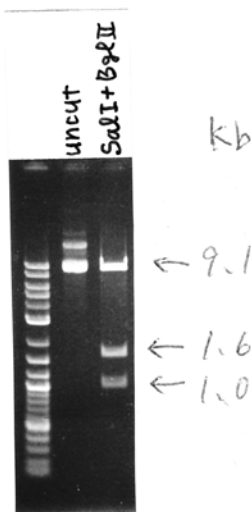
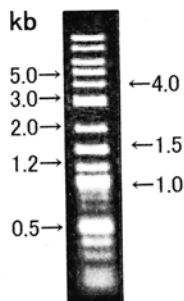
Date : 111026

DNA concentration (O.D.): 282 ng/ul

DNA	0.5 ul
Enzyme (Sal I + Bgl II)	0.5+0.5 ul
Buffer H	1 ul
dH ₂ O	7.5 ul
Total	10 ul

Electrophoresis: 0.8% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern from SpYFH36D10>

9117, 1638, 1009 bp

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

Date : 111102 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA (<u>282</u> ng/ul)	87 ul
10 × TE	98.1 ul
dH ₂ O	796.2 ul
Total	981.3 ul

