

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

RIKEN clone ID: SpYFH 46C11

Vector : pDual-YFH1c

Systematic Name **SPBC17G9.04c**

CDS length **2028 bp**

● Plasmid DNA purification

Date : 110926 Culture : LB (100 ug/ml Ampicillin) 3 ml →37°C O/N

Date : 110927 Purification : QIAGEN Miniprep kit→dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

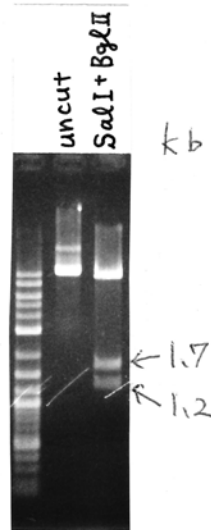
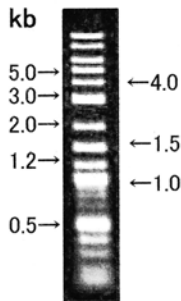
Date : 110927

DNA concentration (O.D.): 110.6 ng/ul

DNA	1 ul
Enzyme (Sal I + Bgl II)	0.5+0.5 ul
Buffer H	1 ul
dH ₂ O	7 ul
Total	10 ul

Electrophoresis: 0.8% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern from SpYFH_46C11>

9117, 1226, 1652bp

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

Date : 111004 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA (<u>110.6</u> ng/ul)	<u>40</u> ul
10 × TE	<u>30.9</u> ul
dH ₂ O	<u>208.7</u> ul
Total	<u>309.6</u> ul



Project : GNP
Sample : 6107-SpYFH46C11-nmt1FW.A10_111003141Y
Result : 6107-SpYFH46C11-nmt1FW.A10_111003141Y

System : CEQ System

Operator : 3.111003.tori
Instrument : CEQ System (Ver. 9.0.25)

