

S.pombe ORFeome Flag2-His tag expression clone

RIKEN Clone ID : SpFFH34C12

Vector : pDual-FFH1c

Systematic Name

SPAC56E4.04c

ORF length

7465 bp

● Plasmid DNA purification

Date : 120411

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

Date : 120412

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

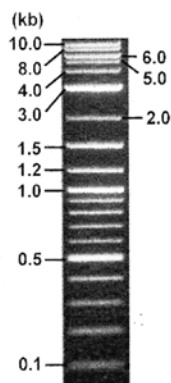
Date : 120412

DNA concentration (O.D.): 285 ng/ul

DNA	0.5 ul
Enzyme (SalI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.5 ul
Total	10 ul

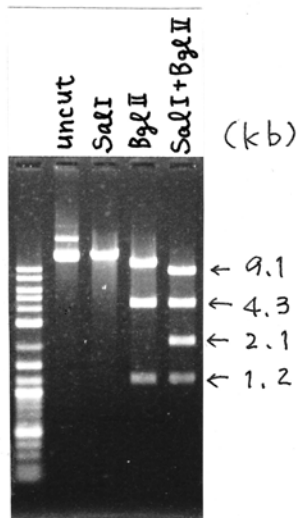
Electrophoresis : 0.8% agarose gel, 1x TAE Buffer

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



<Expected digestion pattern from SpFFH34C12 >

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9117, 4315, 2129, 1180 bp



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

Date : 120419

Shipped : 25 ng/ul, 40 ul

DNA (<u>285</u> ng/ul)	83.0 ul
10x TE	94.6 ul
dH ₂ O	768.6 ul
Total	946.2 ul

