

**RIKEN Clone ID : SpYFH45F12**

Vector : pDual-YFH1c

Systematic Name	SPBC359.03c
ORF length	1740 bp

● Plasmid DNA purification

Date : 121001

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

Date : 121002

Purification : QIAGEN Miniprep kit -> dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

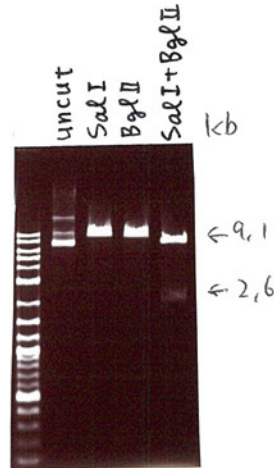
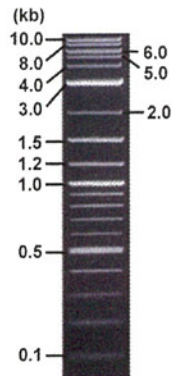
Date : 121002

DNA concentration (O.D.): 129 ng/ul

DNA	0.4	ul
Enzyme (SalI + BglII)	0.5 + 0.5	ul
Buffer H	1	ul
dH <sub>2</sub> O	7.6	ul
<b>Total</b>	<b>10</b>	<b>ul</b>

Erectrophoresis : 0.8% agarose gel, 1x TAE Buffer

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



<Expected digestion pattern from SpYFH45F12 >

.....  
9117, 2590 bp

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

Date : 121009

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/ul

DNA ( <u>129</u> ng/ul)	82	ul
10x TE	42.3	ul
dH <sub>2</sub> O	298.8	ul
<b>Total</b>	<b>423.1</b>	<b>ul</b>

