

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

RIKEN clone ID: YFH 30G11

Vector : pDual-YFH1c

Systematic Name **SPBC211.03c**

CDS length **4389 bp**

● Plasmid DNA purification

Date : 110607 Culture : LB (100 ug/ml Ampicillin) 3 ml →37°C O/N

Date : 110608 Purification : QIAGEN Miniprep kit →dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

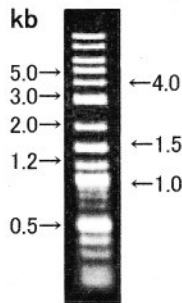
Date : 110608

DNA concentration (O.D.): 62.87 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

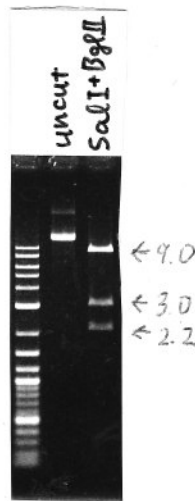
Electrophoresis: 0.8% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern >

2156, 3083, 9117 bp



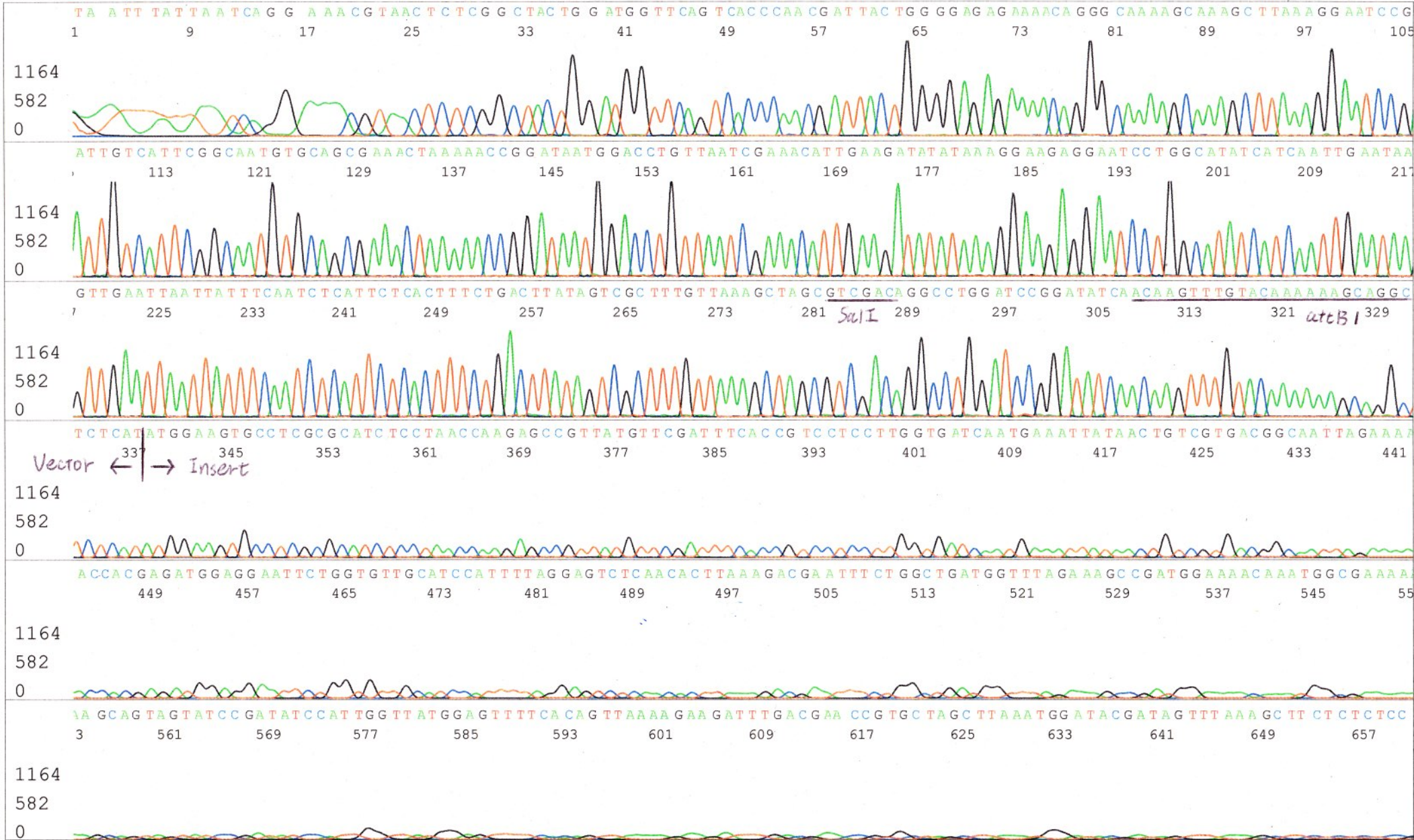
● Adjust plasmid DNA solution to 25 ng/ul ~preparation for shipping~

Date : 110620 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA (<u>62.87</u> ng/ul)	<u>80.0</u>	ul
10 × TE	<u>20.1</u>	ul
dH ₂ O	<u>101.1</u>	ul
Total	<u>201.2</u>	ul

S/N G:285 A:242 T:231 C:180
KB.bcp
KB 1.4.1.8 Cap:21



S/N G:233 A:191 T:261 C:190
KB.bcp
KB 1.4.1.8 Cap:2

