

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

RIKEN clone ID: 49H06

Vector : pDual-YFH1c

Gene name	bfr1
CDS length	4593 bp

● Plasmid DNA purification

Date : 110322 Culture : LB (100 ug/ml Ampicillin) 3 ml → 37°C O/N

Date : 110323 Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

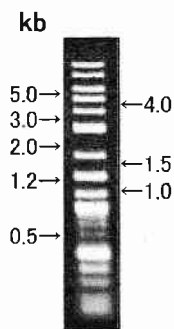
Date : 110323

DNA concentration (O.D.): 51.88 ng/ul

DNA	2 ul
Enzyme (Sal I + Bgl II)	0.5+0.5 ul
Buffer H	1 ul
dH ₂ O	6 ul
Total	10 ul

Electrophoresis: 1% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern >

336, 5107, 9117 bp

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

Date : 110324 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA (<u>51.88</u> ng/ul)	<u>68.0</u> ul
10 × TE	<u>14.1</u> ul
dH ₂ O	<u>59.0</u> ul
Total	<u>141.1</u> ul

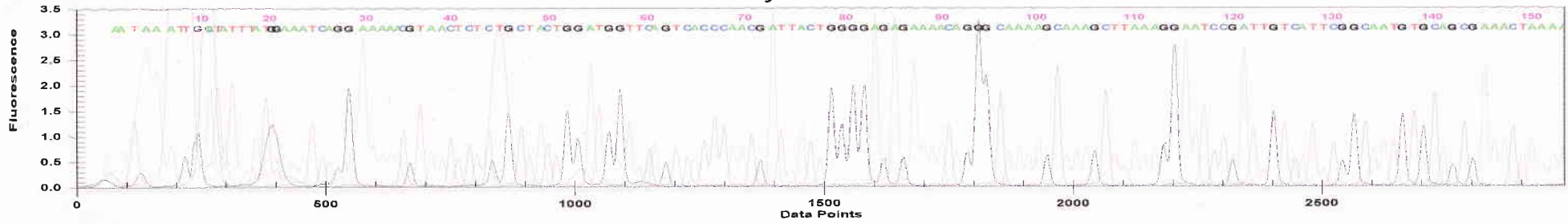


Project : GNP
 Sample : 6107_49H06_nmt1Fw.A01_11032410XC
 Result : 6107_49H06_nmt1Fw.A01_11032410XC

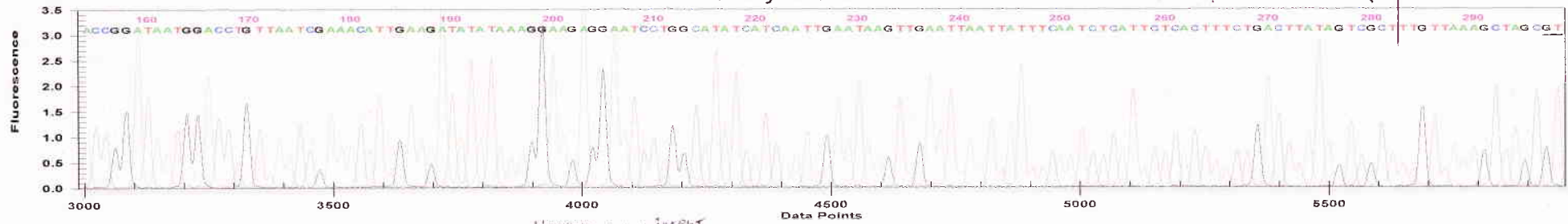
System : System 1

Operator : 1.110324.furu
 Instrument : System 1 (Ver. 9.0.25)

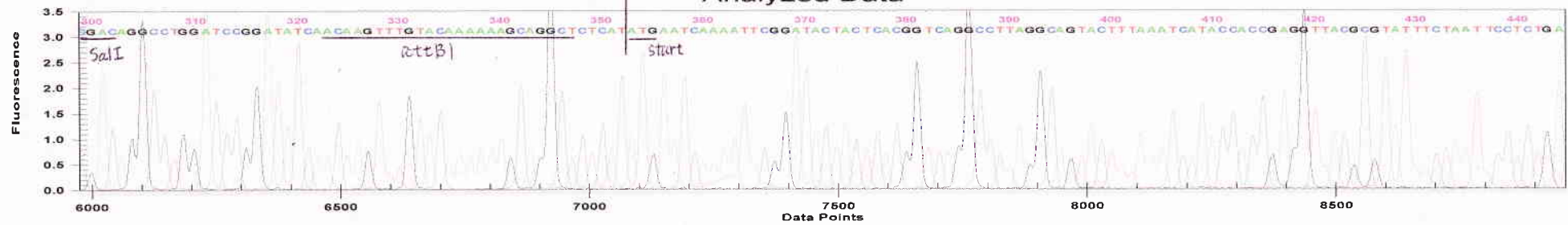
Analyzed Data



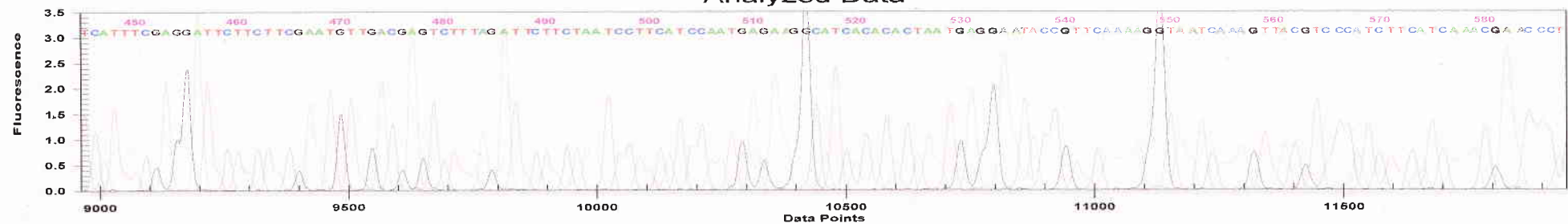
Analyzed Data



Analyzed Data



Analyzed Data





Project : GNP

Sample : 6107_49H06_ADHrev.B01_11032410XC

Result : 6107_49H06_ADHrev.B01_11032410XC

System : System 1

Operator : 1.110324.furu
Instrument : System 1 (Ver. 9.0.25)

