

**RIKEN Clone ID : SpYFH19E04**

Vector : pDual-YFH1c

Systematic Name	SPBC1105.05
ORF length	1224 bp

● Plasmid DNA purification

Date : 170720

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

Date : 170721

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

● Digestion by restriction enzyme/Concentration calibration

Date : 170721

DNA concentration (O.D.): 400 ng/ul

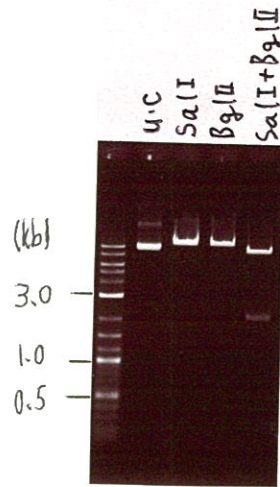
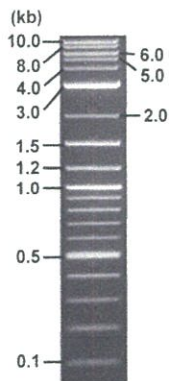
< Size of fragment expected from this clone >

DNA	0.2 ul
Enzyme (SalI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	7.8 ul
Total	10 ul

SalI	11.2 kb
BglII	11.2 kb
SalI + BglII	9.1, 2.1 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 170727

DNA ( <u>400</u> ng/ul)	84.0 ul
10x TE	134.4 ul
dH <sub>2</sub> O	1125.6 ul
Total	1344.0 ul

● Shipping



Conc. : 25 ng/ul, Volume : 40 ul



~~Conc. : ng/ul, Volume : ul~~

APPROVED BY :



S/N G:120 A:161 T:136 C:142 Primer A : nmt1-F

6107\_SpYFH19E04\_A7Gk\_nmt1Fw

Jul 25,2017 02:33PM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Gray line indicates quality value

Jul 25,2017 02:47PM, JST

KB 1.4.1.8 Cap:16

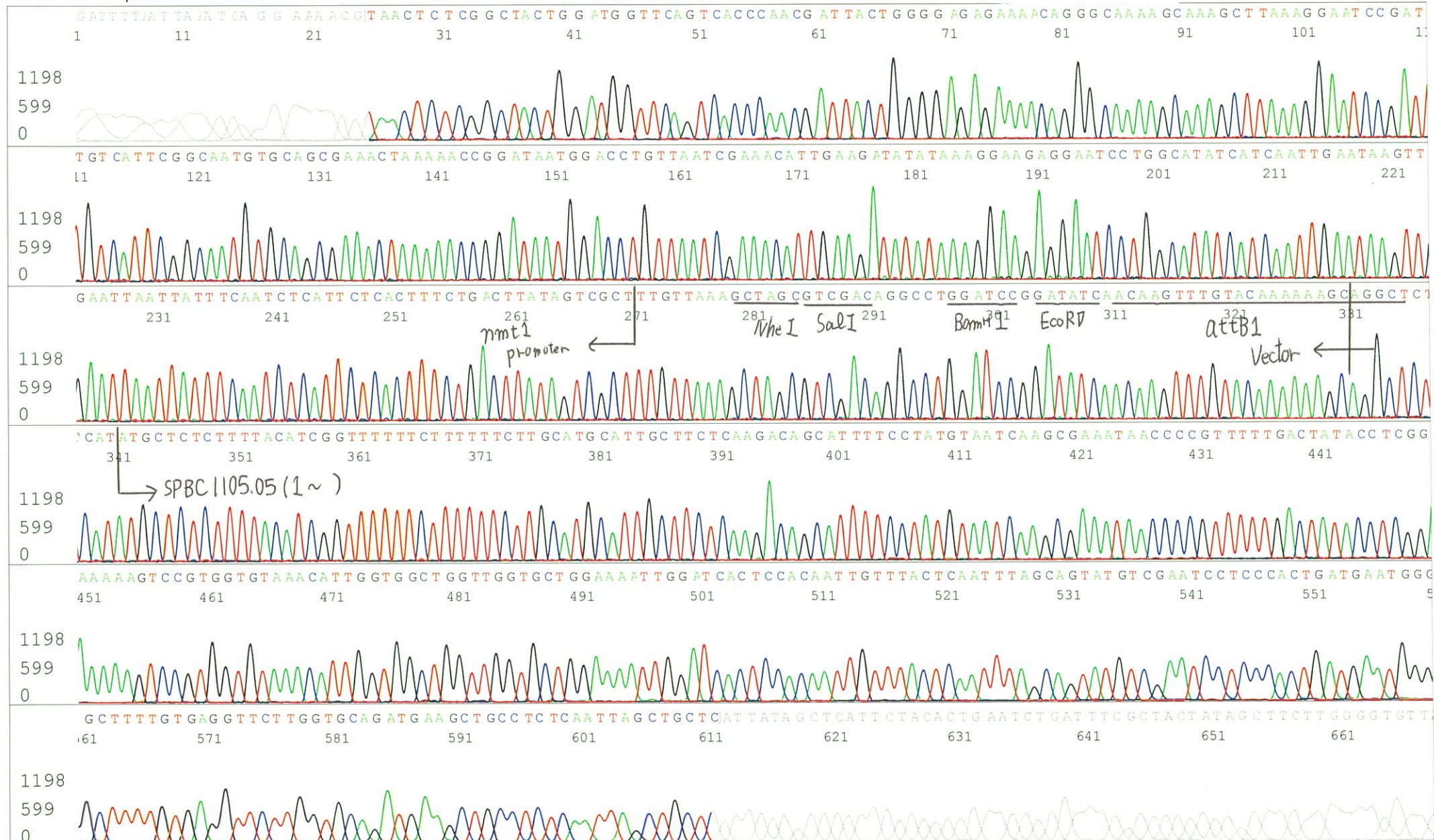
5' GCTGTAAAACACCACGAGAC 3'

Pts 1701 to 8706 Pk1 Loc:1669

Version 6.0 HiSQV Bases: 714 (QV) < 40.

Spacing:10.66 Pts/Panel1350

Plate Name: 20170725\_GNP





S/N G:113 A:177 T:116 C:163

Primer B : YFP-R

6107\_SpYFH19E04\_A7Gk\_YFP\_R

Jul 25,2017 02:33PM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Gray line indicates quality value

Jul 25,2017 02:47PM, JST

KB 1.4.1.8 Cap:19

5' GAACTTCAGGGTCAGCTTGC 3'

Pts 1719 to 8706 Pk1 Loc:1687

(QV) < 40.

Spacing:10.57 Pts/Panel1350

Plate Name: 20170725\_GNP

