

RIKEN Clone ID : SpYFH12F09

Vector : pDual-YFH1c

Systematic Name	SPAC5D6.09c
ORF length	915 bp

● Plasmid DNA purification

Date : 181009

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

Date : 181010

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 181010

DNA concentration (O.D.): 311 ng/ul

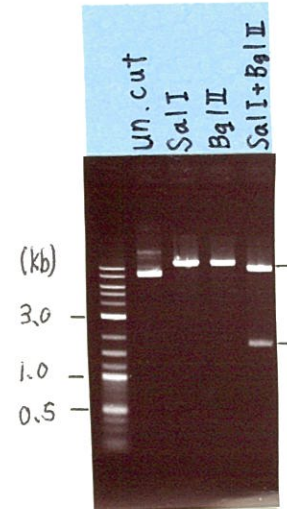
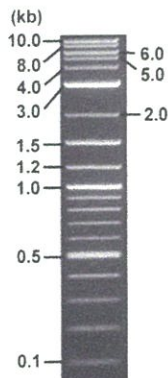
< Size of fragment expected from this clone >

DNA	<u>0.3</u> ul
Enzyme (SalI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	<u>7.7</u> ul
Total	10 ul

SalI		10.9 kb
BglII		10.9 kb
SalI + BglII	9.1,	1.8 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 181016

DNA (<u>311</u> ng/ul)	<u>90.0</u> ul
10x TE	<u>111.9</u> ul
dH ₂ O	<u>917.7</u> ul
Total	<u>1119.6</u> ul

● Shipping



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



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



APPROVED BY :

S/N G:90 A:127 T:130 C:181

Primer A : nmt1-F

SpYFH12F09_A8J5_nmt_1Fw

Oct 11,2018 10:37AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Oct 11,2018 10:57AM, JST

KB 1.4.1.8 Cap:1

5' GCTGTAAACACCACGAGAC 3'

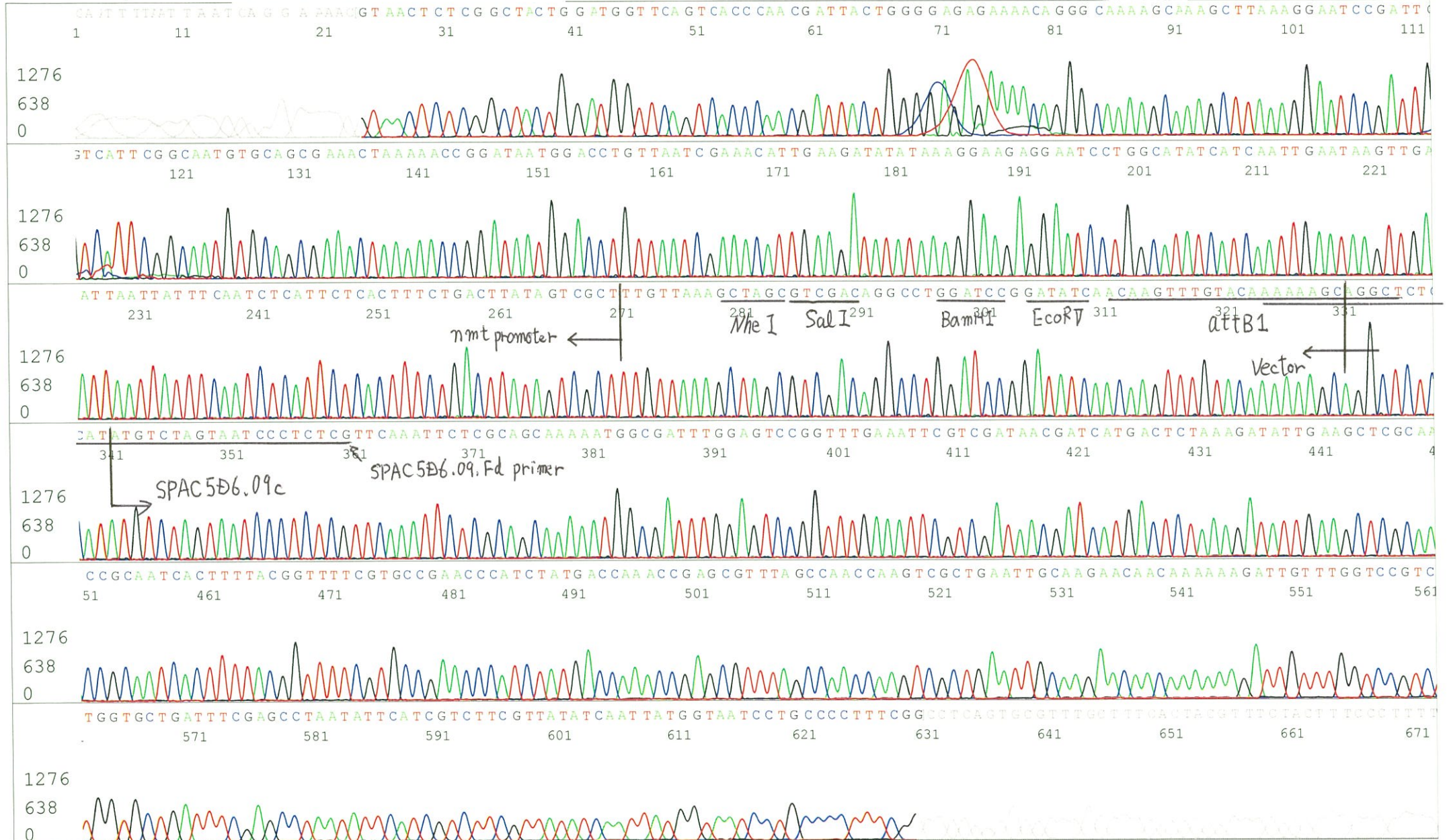
Pts 1733 to 8706 Pk1 Loc:1701

(QV) < 40.

Spacing:11.13 Pts/Panel1350

Version 6.0 HiSQV Bases: 711

Plate Name: 20181011_GNP



S/N G:24 A:42 T:28 C:49

Primer B : YFP-R

SpYFH12F09_A8J5_YFR_R

Oct 11, 2018 10:37AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Oct 11, 2018 10:57AM, JST

KB 1.4.1.8 Cap:4

5' GAACTTCAGGGTTCAGCTTGC 3'

Pts 1848 to 8706 Pk1 Loc:1816

(QV) < 40.

Spacing:12.03 Pts/Panel1350

Plate Name: 20181011_GNP

