

**RIKEN Clone ID : SpYFH43B04**

Vector : pDual-YFH1c

Systematic Name	SPAC1B3.11c
ORF length	753 bp

● Plasmid DNA purification

Date : 140609

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

Date : 140610

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

● Digestion by restriction enzyme/Concentration calibration

Date : 140610

DNA concentration (O.D.): 326 ng/ul

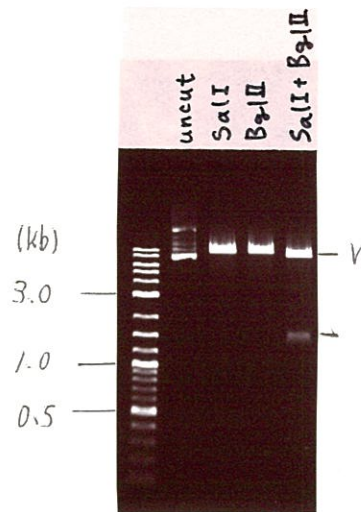
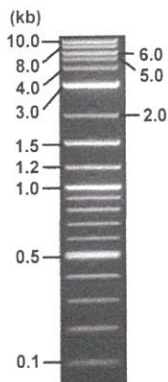
<Size of fragment expected from SpYFH43B04 >

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

SalI		10720	bp
BglII		10720	bp
SalI + BglII	9117,	1603	bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 140616

DNA ( <u>326</u> ng/ul)	<u>85.0</u>	ul	<u>85</u>
10x TE	<u>110.8</u>	ul	<u>110.8</u>
dH <sub>2</sub> O	<u>912.6</u>	ul	<u>912.6</u>
<b>Total</b>	<b><u>1108.4</u></b>	<b>ul</b>	<b><u>1108.4</u></b>

● Shipping



Conc. : 25 ng/μl, Volume : 40 μl

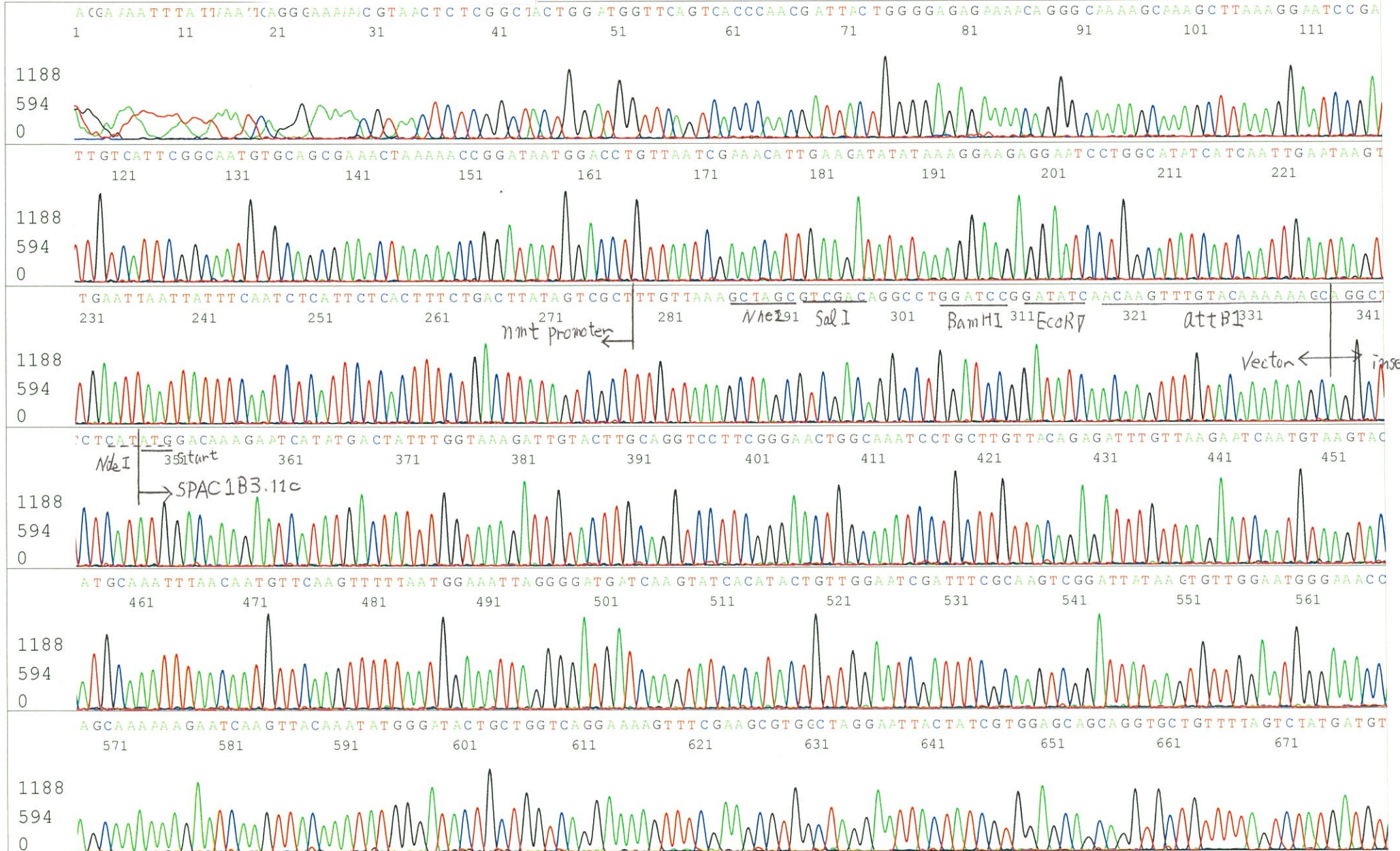
~~Conc. : 25 ng/μl, Volume : 40 μl~~



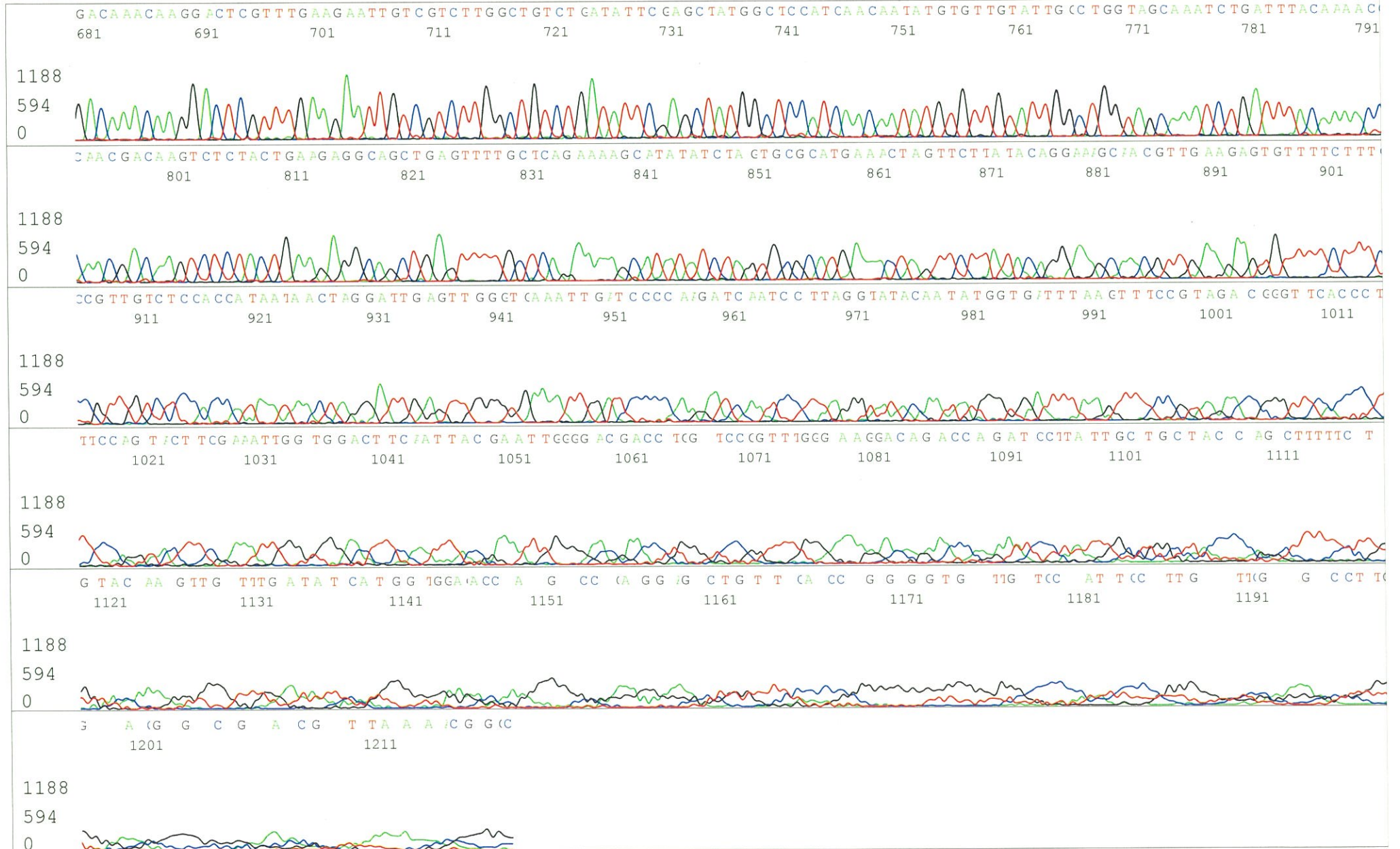
APPROVED BY :

S/N G:22 A:28 T:20 C:19  
KB.bcp  
KB 1.4.1.8 Cap:8

Primer A : nmt1-F  
5' GCTGTA AACACCCACGAGAC 3'



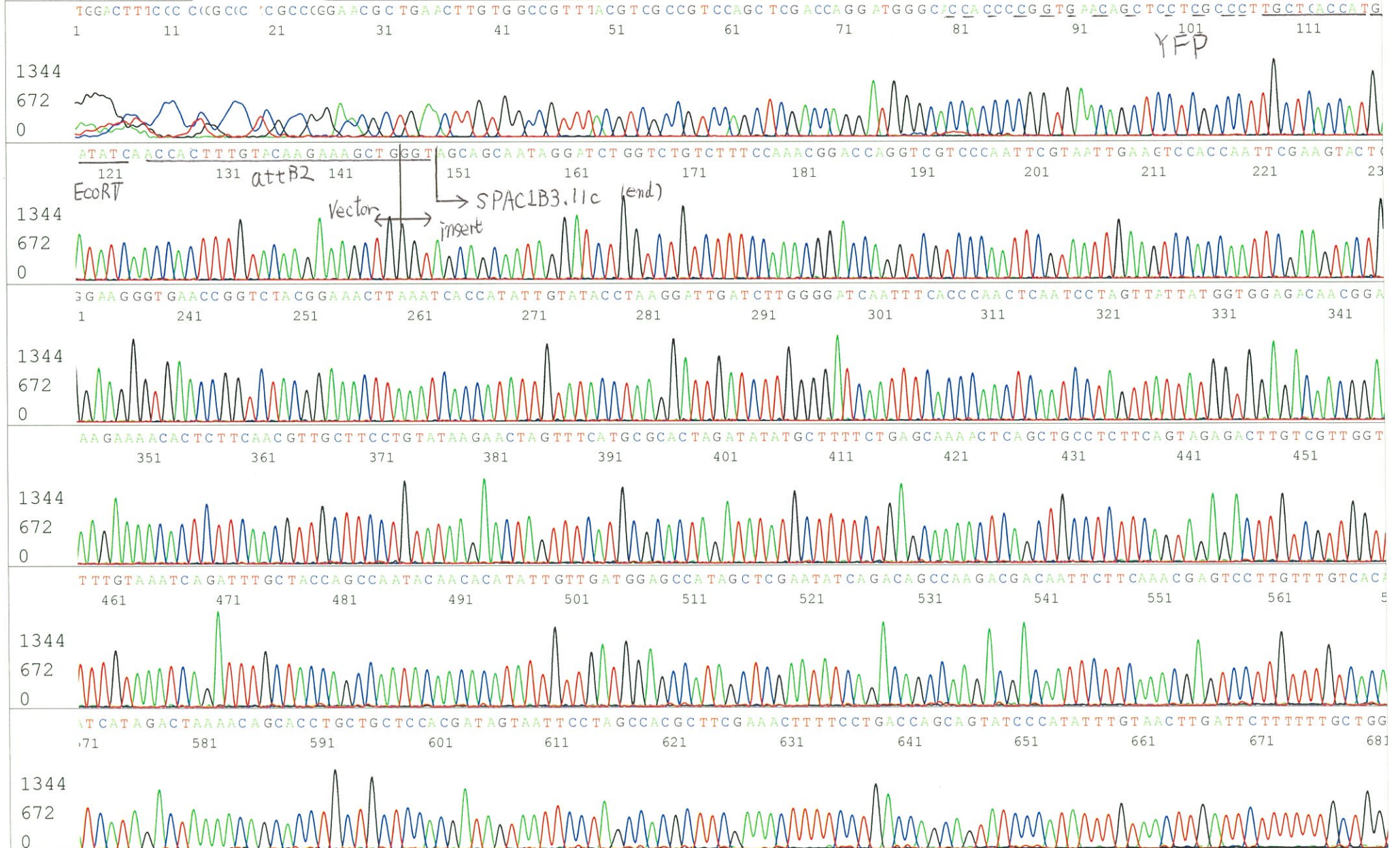
S/N G:22 A:28 T:20 C:19  
KB.bcp  
KB 1.4.1.8 Cap:8



S/N G:19 A:29 T:20 C:24  
KB.bcp  
KB 1.4.1.8 Cap:11

Primer B : YFP-R

5' GAACTTCAGGGTTCAGCTTGC 3'



S/N G:19 A:29 T:20 C:24  
KB.bcp  
KB 1.4.1.8 Cap:11

