

**RIKEN Clone ID : SpYFH26C02**

Vector : pDual-YFH1c

Systematic Name	SPAC17A2.14
ORF length	1854 bp

● Plasmid DNA purification

Date : 161011

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

Date : 161012

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

● Digestion by restriction enzyme/Concentration calibration

Date : 161012

DNA concentration (O.D.): 441 ng/ul

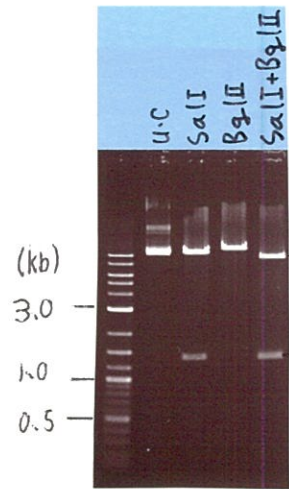
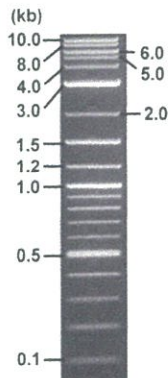
< Size of fragment expected from this clone >

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	10, 1.4	kb
BglII	12	kb
SalI + BglII	9.1, 1.4, 1.3	kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 161017

DNA ( <u>441</u> ng/ul)	82.0	ul
10x TE	144.7	ul
dH <sub>2</sub> O	1219.8	ul
Total	1446.5	ul

● Shipping



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



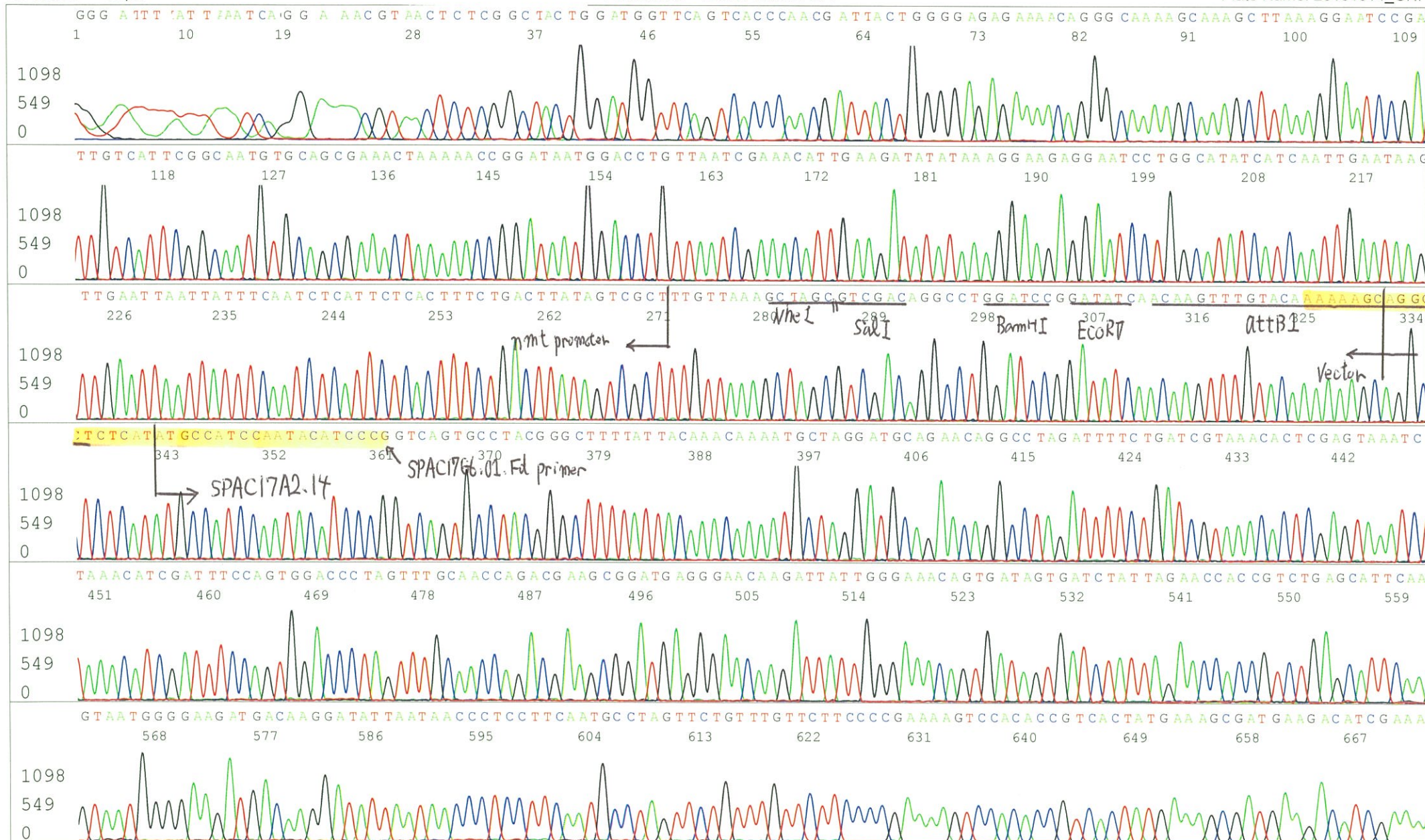
Conc. : ng/ul, Volume : ul

APPROVED BY :



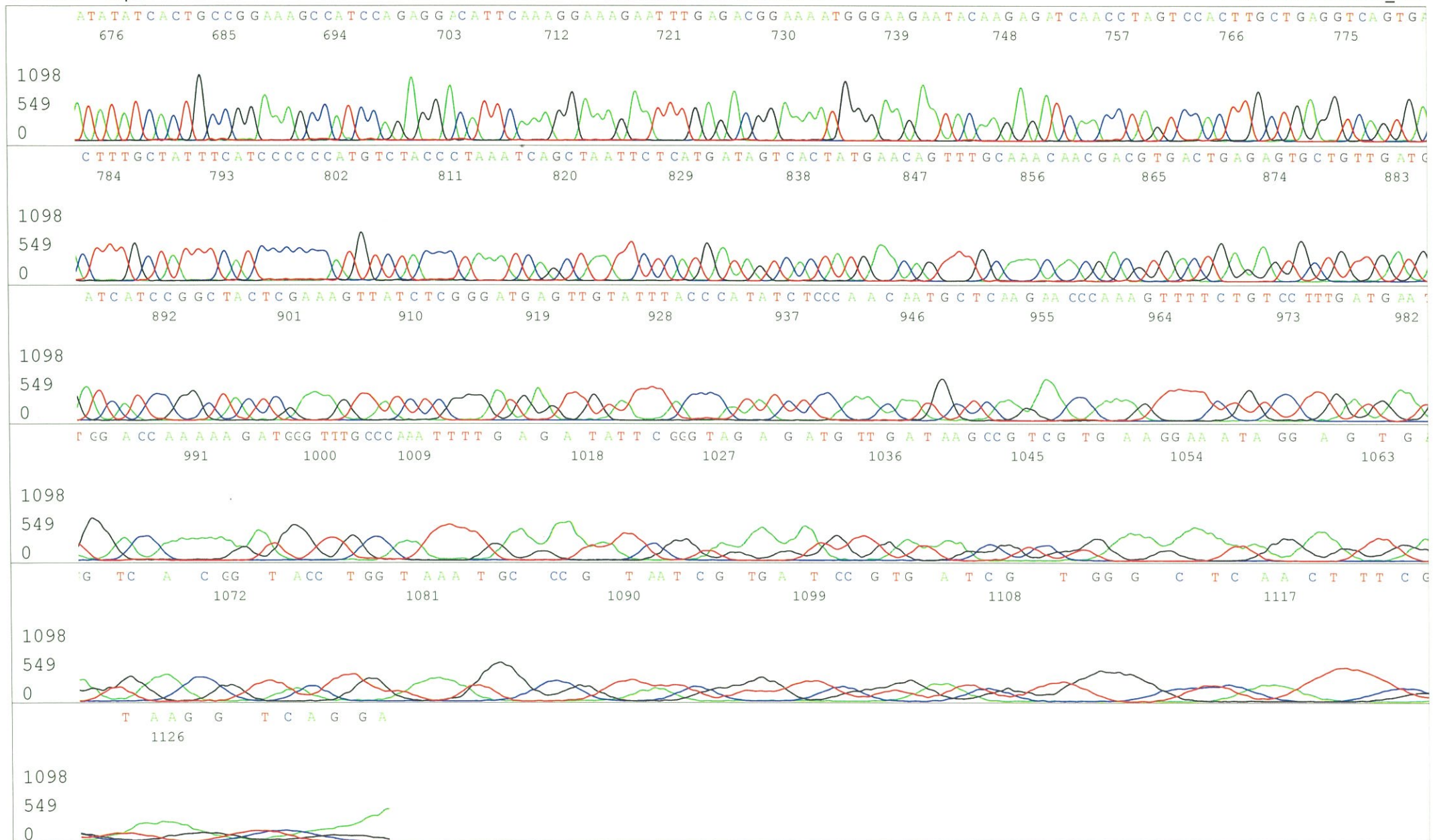
S/N G:233 A:332 T:277 C:276  
KB.bcp  
KB 1.4.1.8 Cap:7

Primer A : nmt1-F  
5' GCTGTAAAACACCACGAGAC 3'





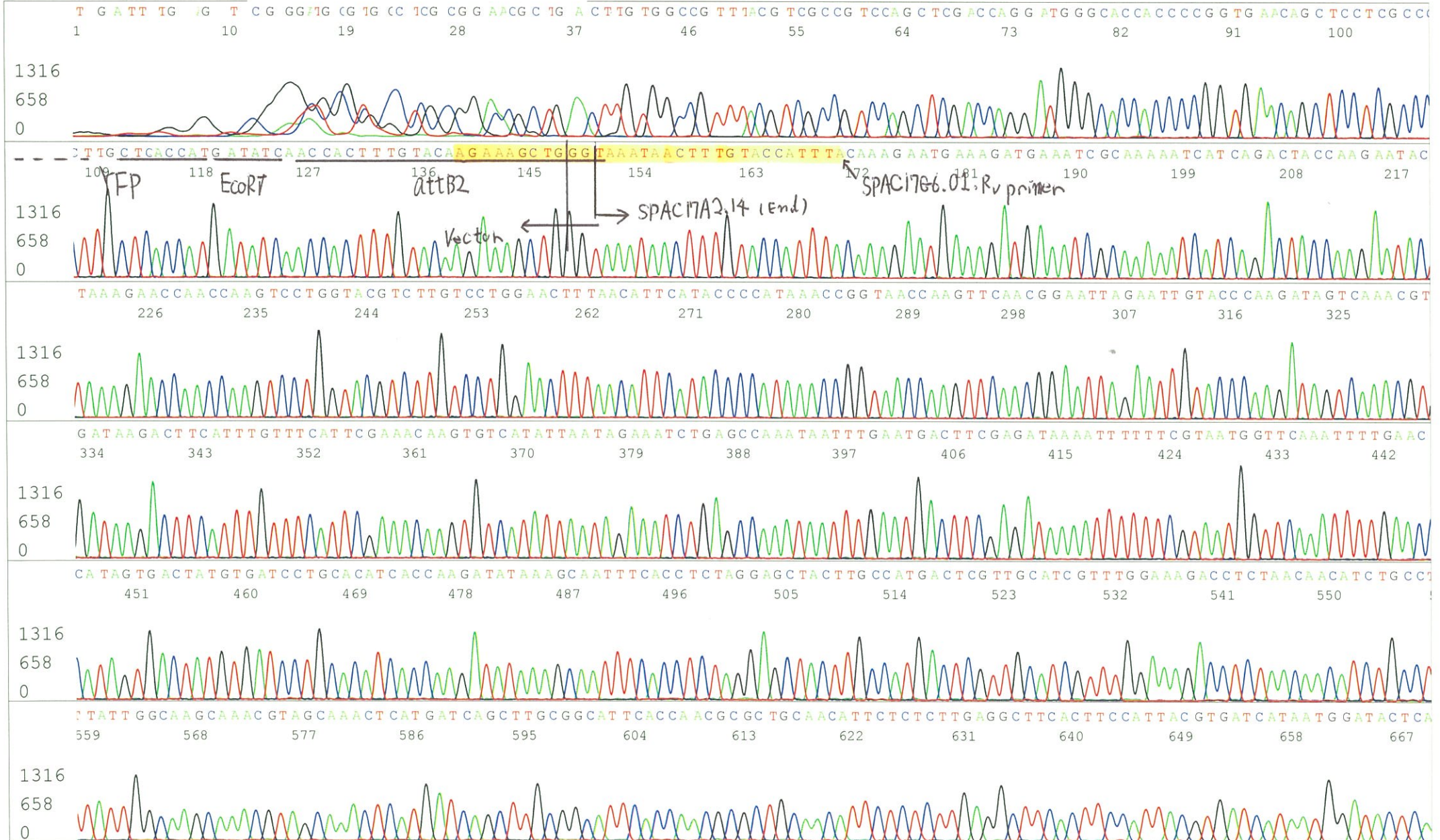
S/N G:233 A:332 T:277 C:276  
KB.bcp  
KB 1.4.1.8 Cap:7





S/N G:418 A:539 T:529 C:563  
KB.bcp  
KB 1.4.1.8 Cap:10

Primer B : YFP-R  
5' GAACTTCAGGGTCAGCTTGC 3'





S/N G:418 A:539 T:529 C:563  
KB.bcp  
KB 1.4.1.8 Cap:10

