

RIKEN Clone ID : SpYFH33H10

Vector : pDual-YFH1c

Systematic Name	SPBC1718.06
ORF length	2712 bp

● Plasmid DNA purification

Date : 131022

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

Date : 131023

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 131023

DNA concentration (O.D.): 318 ng/ul

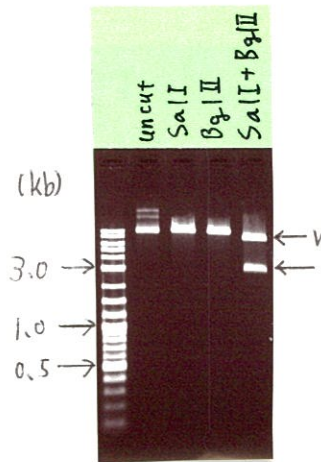
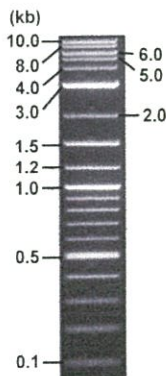
<Size of fragment expected from PomBase >

DNA	0.1	ul
Enzyme (SalI + BglII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.9	ul
Total	10	ul

SalI	11361, 1318	bp
BglII	12679	bp
SalI + BglII	9117, 2244, 1318	bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



Note!
mismatch bases
398 C:T
1272 A:G (@ SalI site)
1626 G:A
2705 G:A

* Bands are NOT appeared, because SalI site does not exist.

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

Date : 131029

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/ul

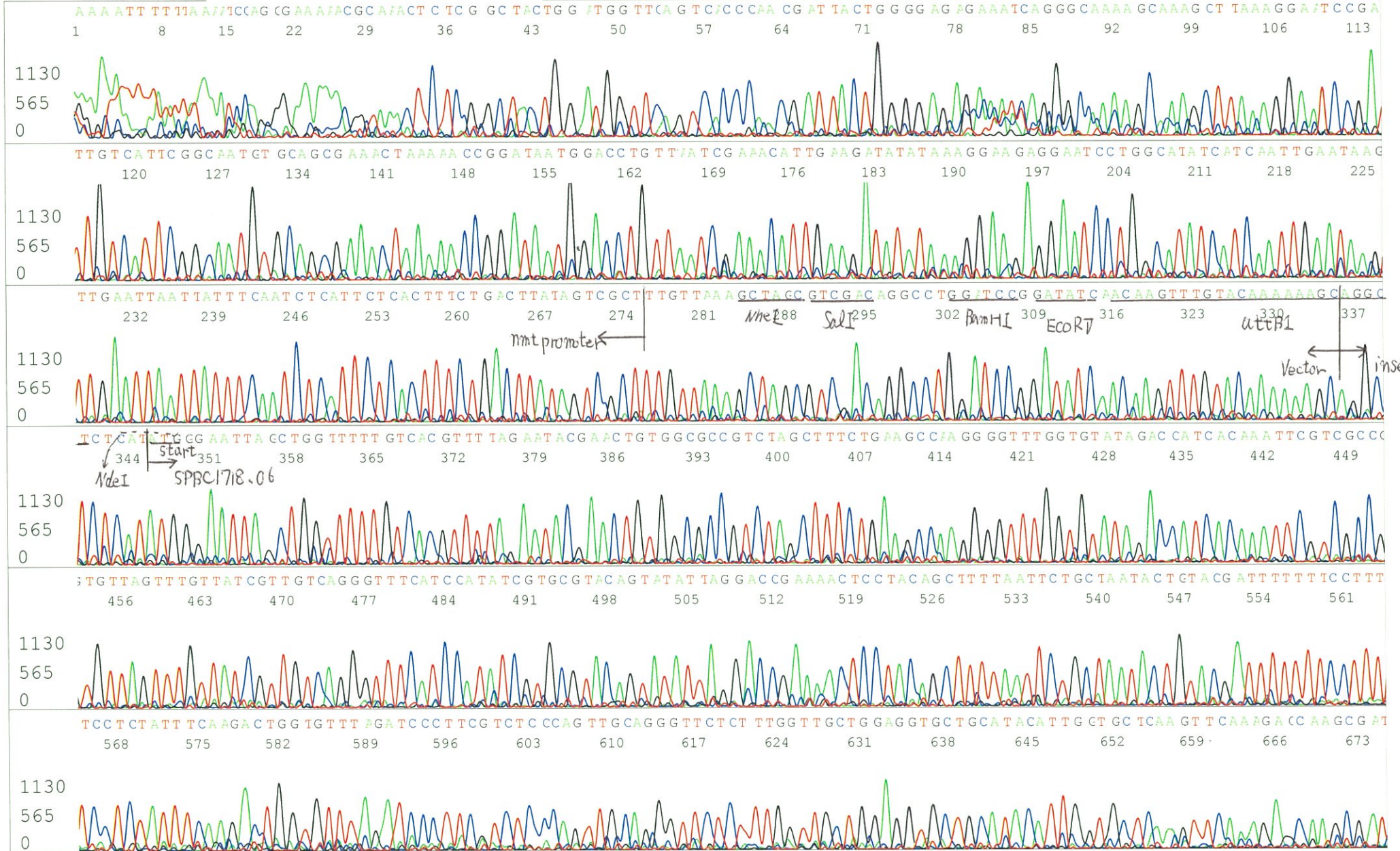
DNA (<u>318</u> ng/ul)	85.0	ul
10x TE	108.1	ul
dH ₂ O	88.1	ul
Total	1,081.2	ul

APPROVED BY :

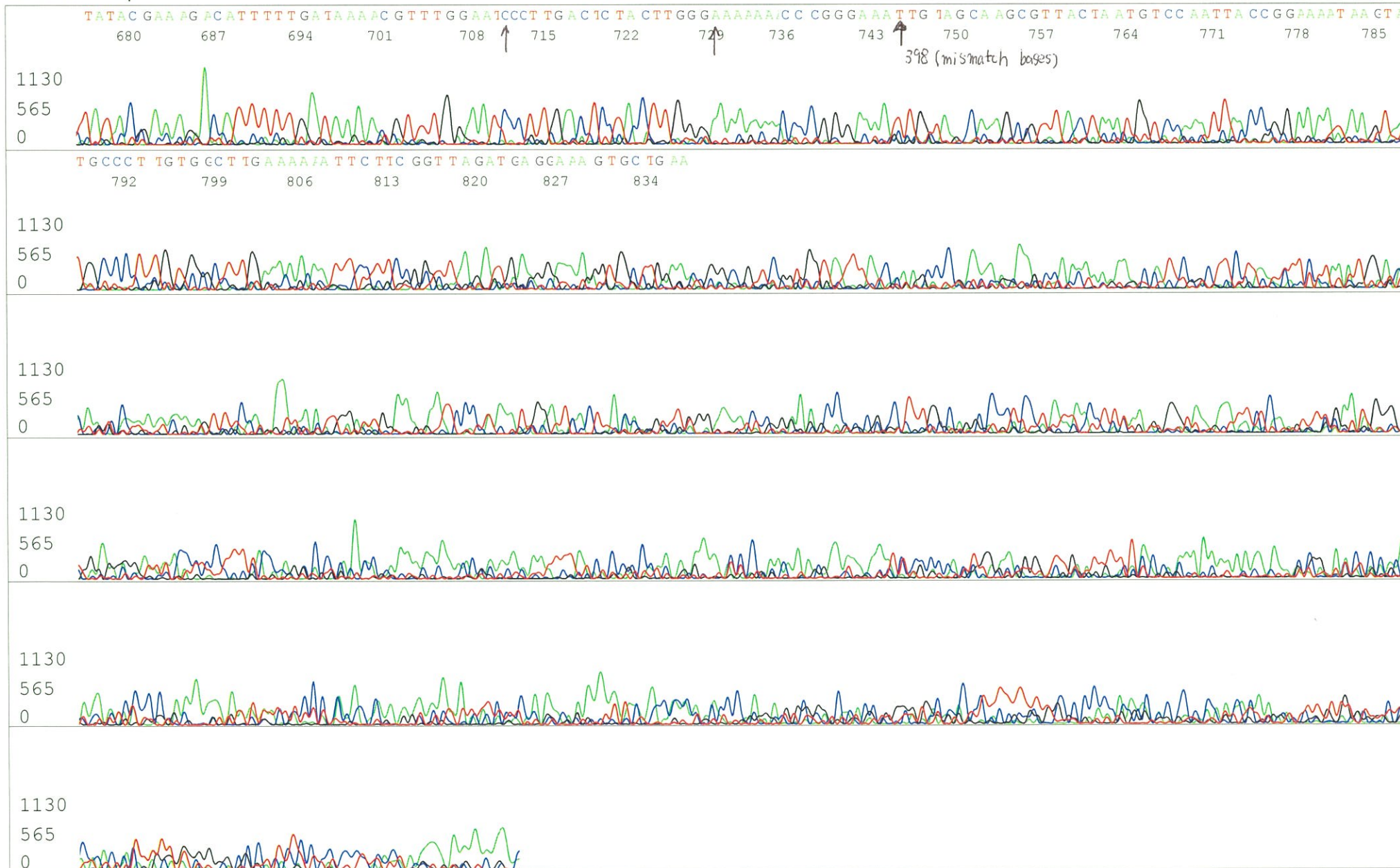


S/N G:7 A:7 T:7 C:5
KB.bcp
KB 1.4.1.8 Cap:3

Primer A : nmt1-F
5' GCTGTAAAACACCACGAGAC 3'

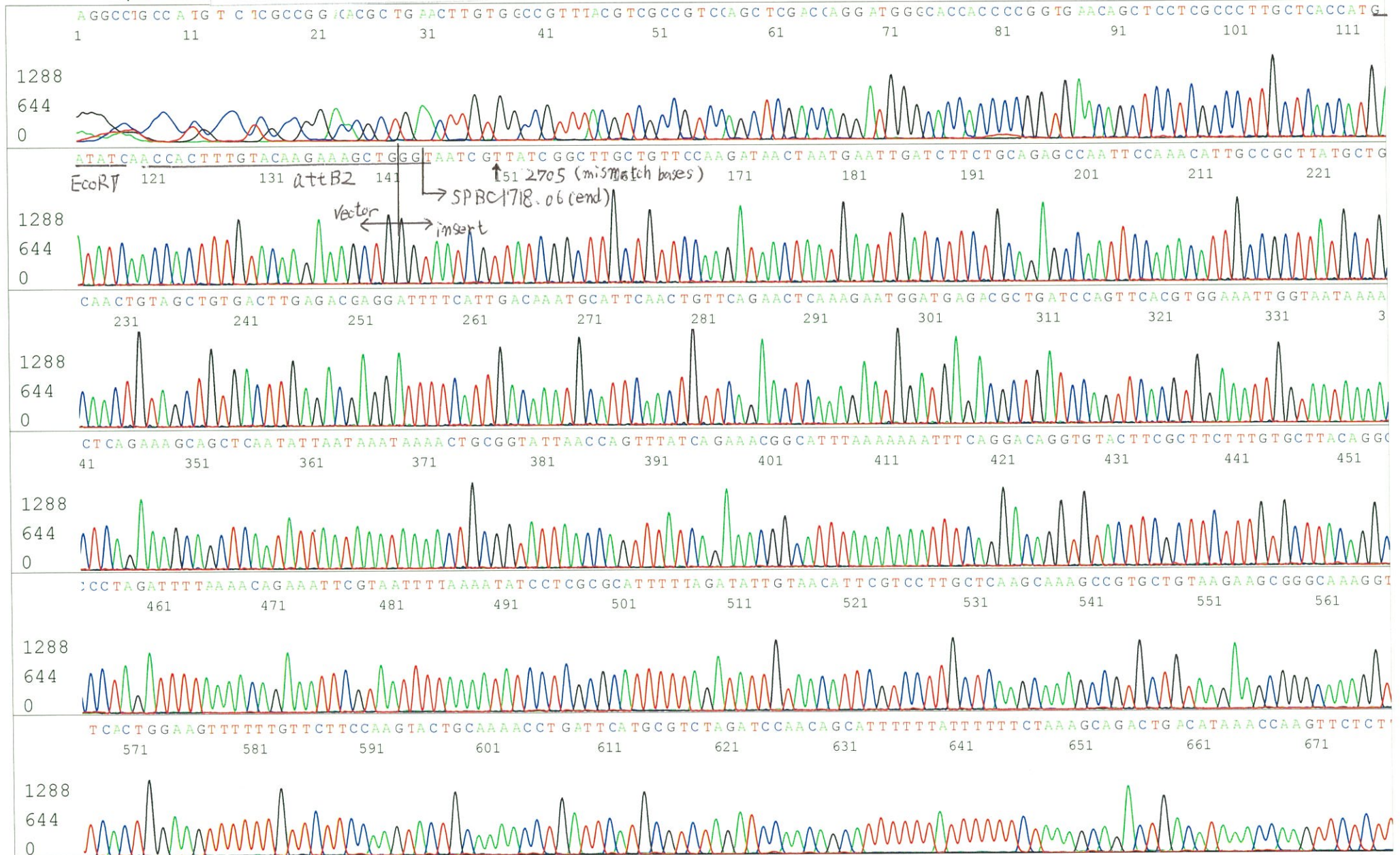


S/N G:7 A:7 T:7 C:5
KB.bcp
KB 1.4.1.8 Cap:3



S/N G:148 A:138 T:127 C:9
KB.bcp
KB 1.4.1.8 Cap:14

Primer B : YFP-R
5' GAACTTCAGGGTCAGCTTGC 3'



S/N G:148 A:138 T:127 C:90
KB.bcp
KB 1.4.1.8 Cap:14

