

RIKEN Clone ID : TEx03H12 (PC010549-41)

Lot# : 6078_A4Du

Vector : pET-11a

Locus tag	TTHA0549
Insert size	1644 bp
Product	glutaminyl-tRNA synthetase

● Plasmid DNA purification

Date : 140430

Culture : LB (100 ug/ml Ampicillin) 10 ml -> 37°C O/N

Date : 140501

Purification : QIAGEN Miniprep kit -> dH₂O 50 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 140501

DNA concentration (O.D.): 97 ng/ul

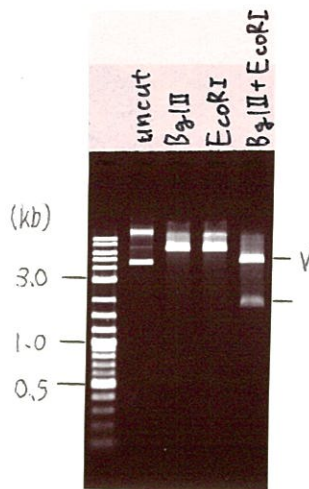
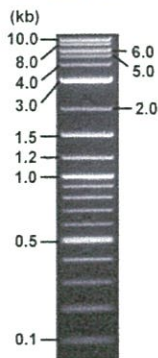
<Size of fragment expected from TEx03H12 >

DNA	<u>0.4</u> ul
Enzyme (BglII + EcoRI)	<u>0.5 + 0.5</u> ul
Buffer H	<u>1</u> ul
dH ₂ O	<u> </u> ul
Total	<u>10</u> ul

BglII	<u> </u>	7285 bp
EcoRI	<u> </u>	7285 bp
BglII + EcoRI	<u>5213</u>	<u>2072</u> bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder



● Adjust plasmid DNA solution to 25 ng/ul

Date : 140509

DNA (<u>97</u> ng/ul)	<u>39.0</u>	ul
10x TE	<u>15.1</u>	ul
dH ₂ O	<u>97.2</u>	ul
Total	<u>151.3</u>	ul

● Shipping

- Conc. : 25 ng/μl, Volume : 40 μl
- ~~Conc. : ng/μl, Volume : μl~~

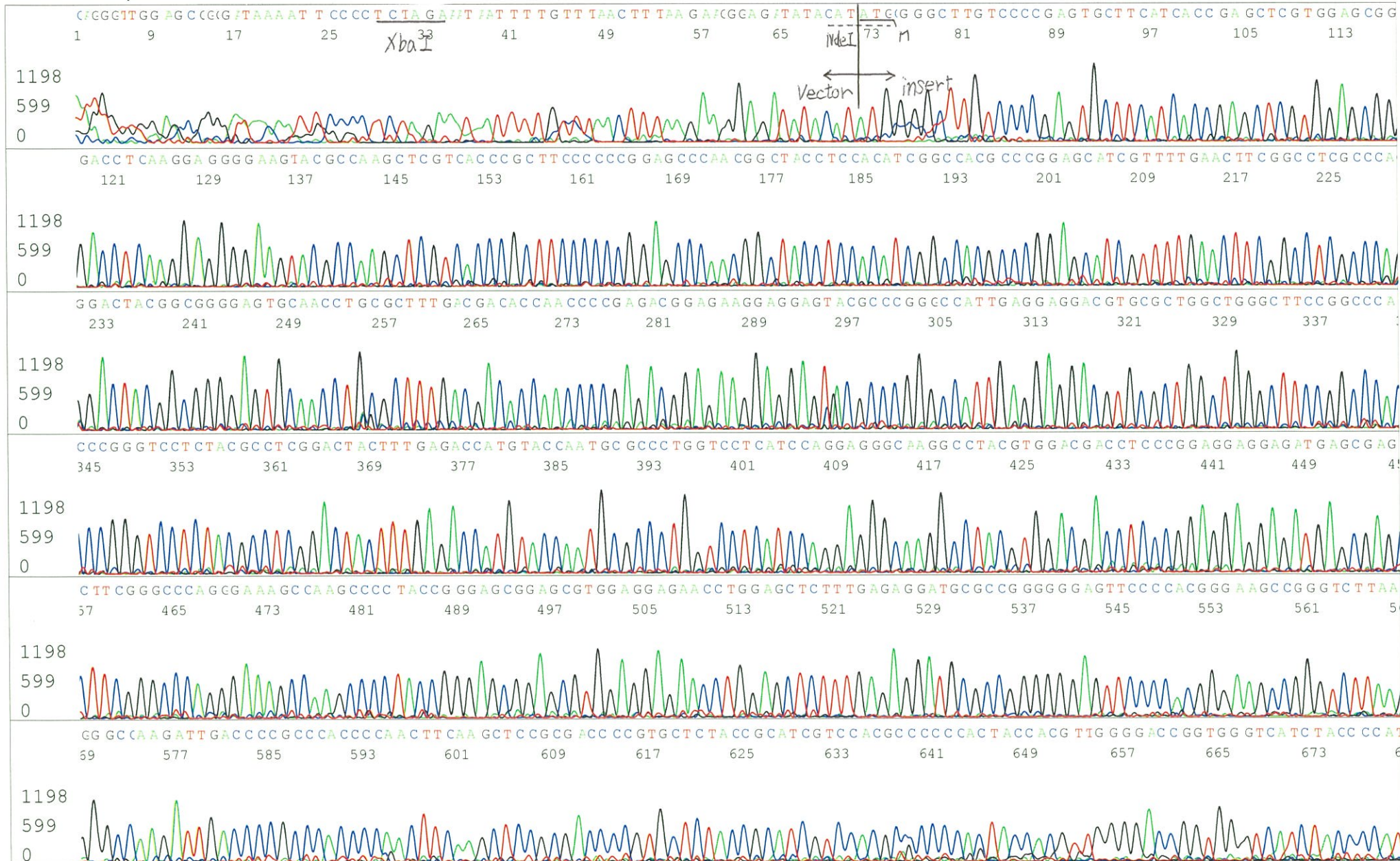
APPROVED BY :



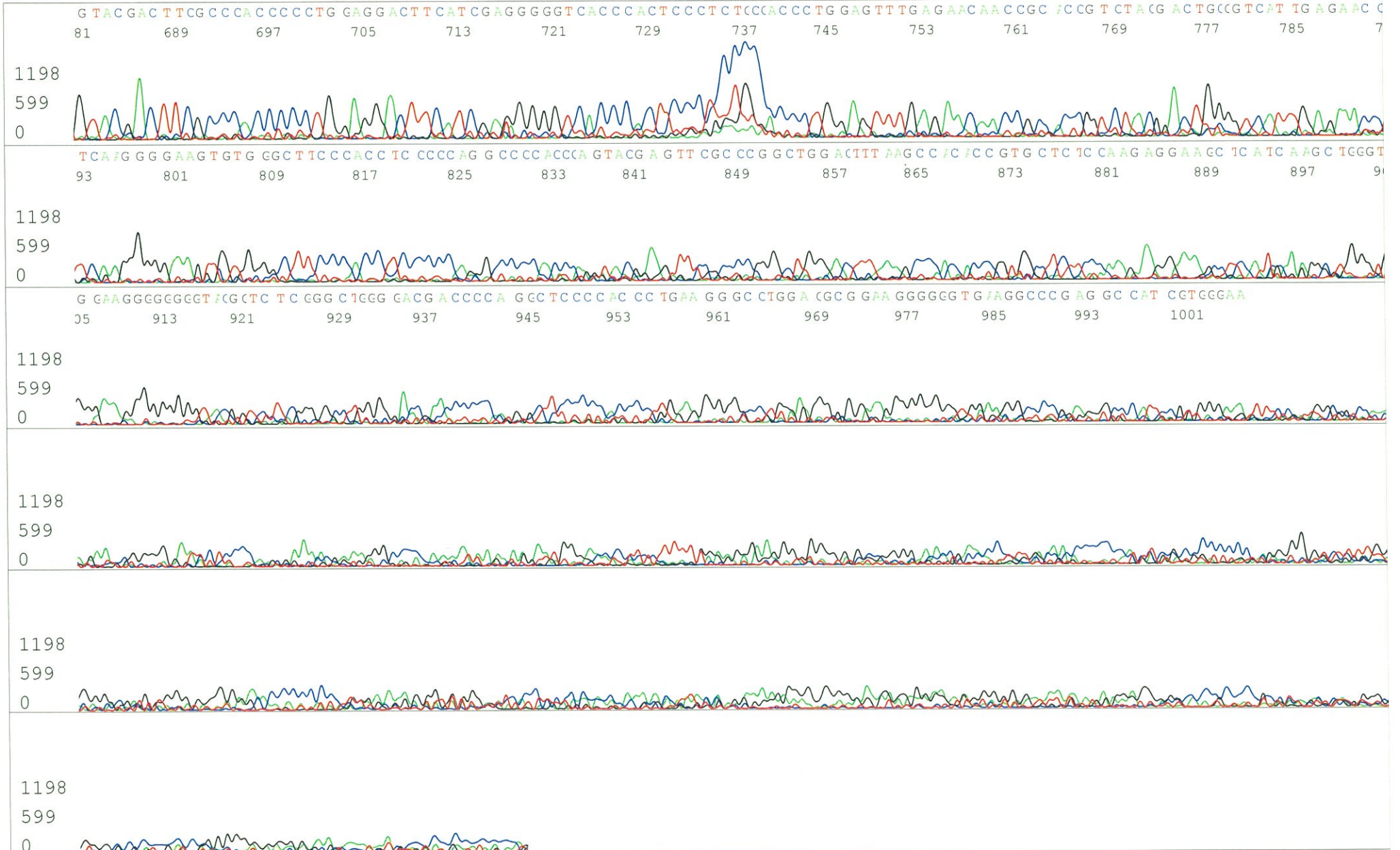
S/N G:9 A:12 T:7 C:11
KB.bcp
KB 1.4.1.8 Cap:4

Primer A: T7 long

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

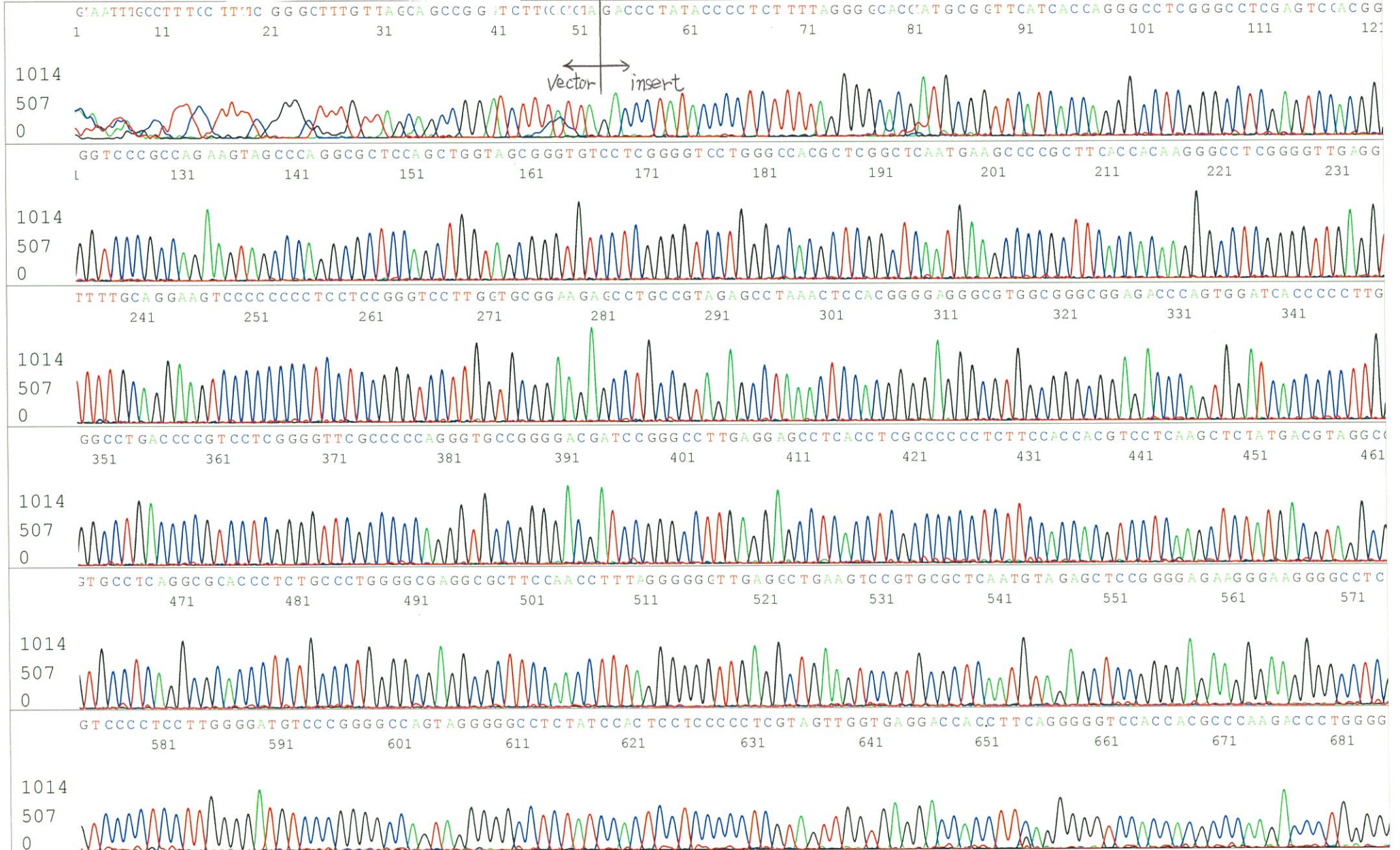


S/N G:9 A:12 T:7 C:11
KB.bcp
KB 1.4.1.8 Cap:4



S/N G:14 A:14 T:10 C:15
KB.bcp
KB 1.4.1.8 Cap:5

Primer B : T7 terminator
5' GCTAGTTATTGCTCAGCGG 3'



S/N G:14 A:14 T:10 C:15
KB.bcp
KB 1.4.1.8 Cap:5

