

RIKEN Clone ID : TEx11D09 (PC011298-41)

Lot# : 6078_A4Du

Vector : pET-11a

Locus tag	TTHA1298
Insert size	1854 bp
Product	methionyl-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.): 111 ng/ul

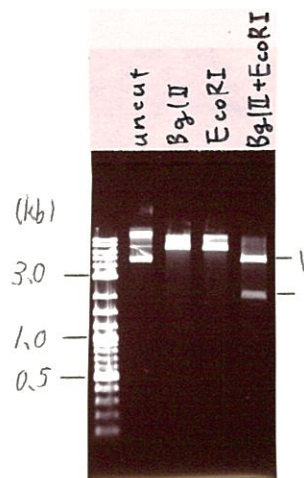
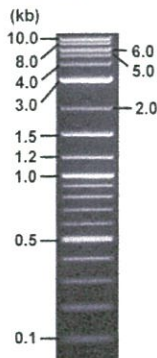
<Size of fragment expected from TEx11D09 >

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>	7495 bp
EcoRI	<u> </u>	7495 bp
BglII + EcoRI	<u>5213</u>	<u>2282</u> bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder



● Adjust plasmid DNA solution to 25 ng/ul

Date : 140507

DNA (<u>111</u> ng/ul)	<u>37.0</u> ul
10x TE	<u>16.4</u> ul
dH ₂ O	<u>110.9</u> ul
Total	<u>164.3</u> ul

● Shipping



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



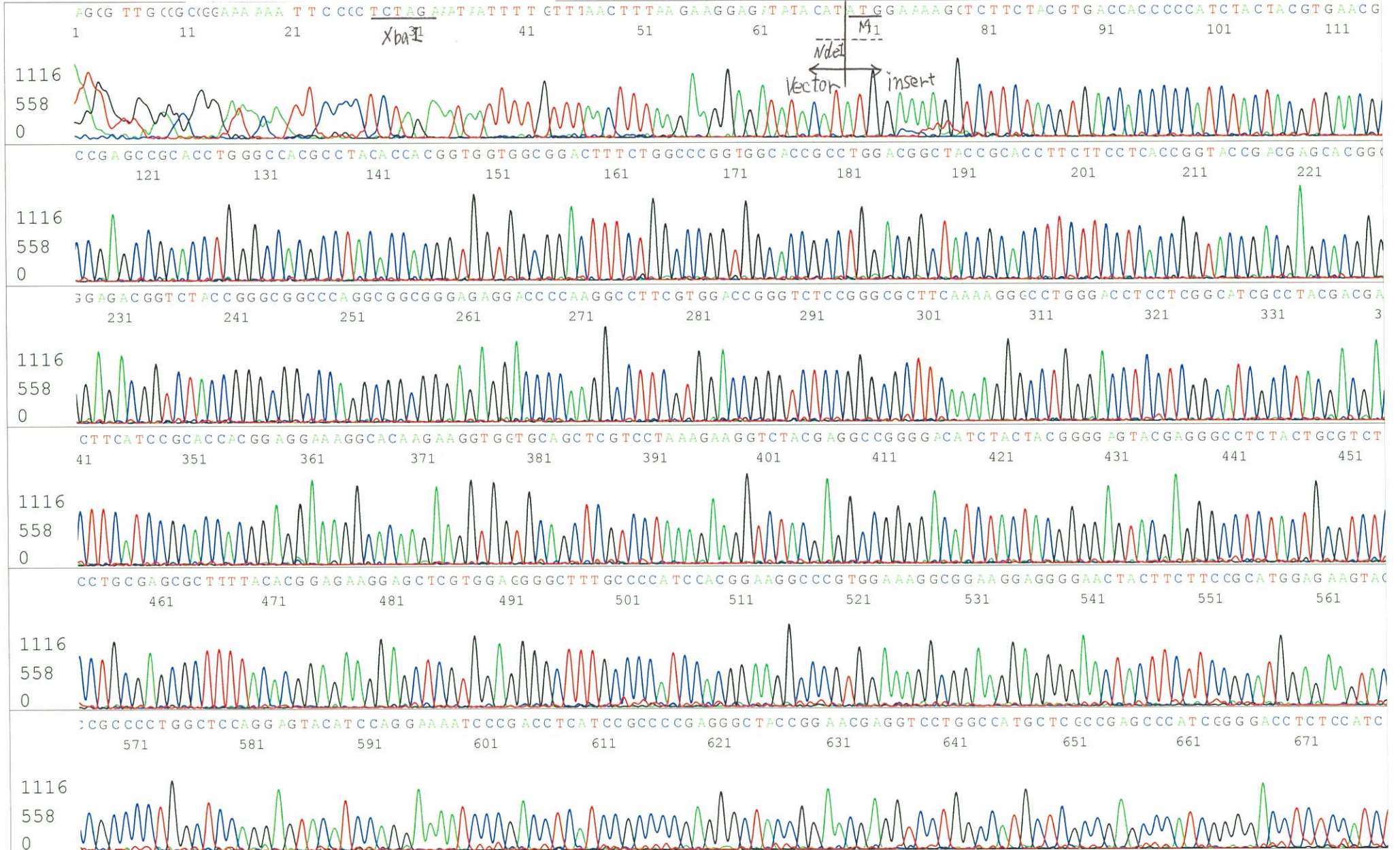
~~Conc. : ng/ul, Volume : ul~~

APPROVED BY :

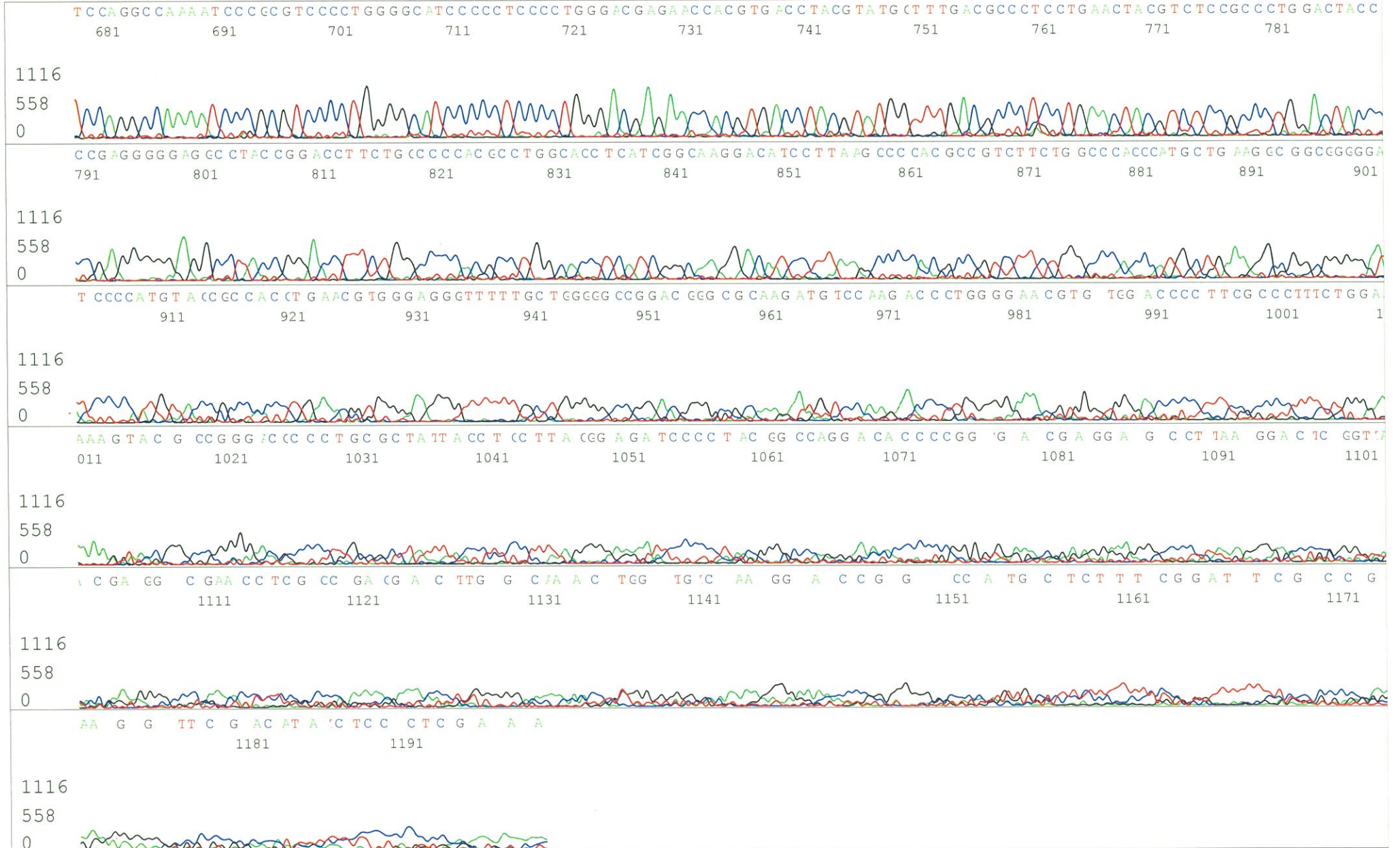


S/N G:12 A:13 T:8 C:14
KB.bcp
KB 1.4.1.8 Cap:15

Primer A : T7 long
5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

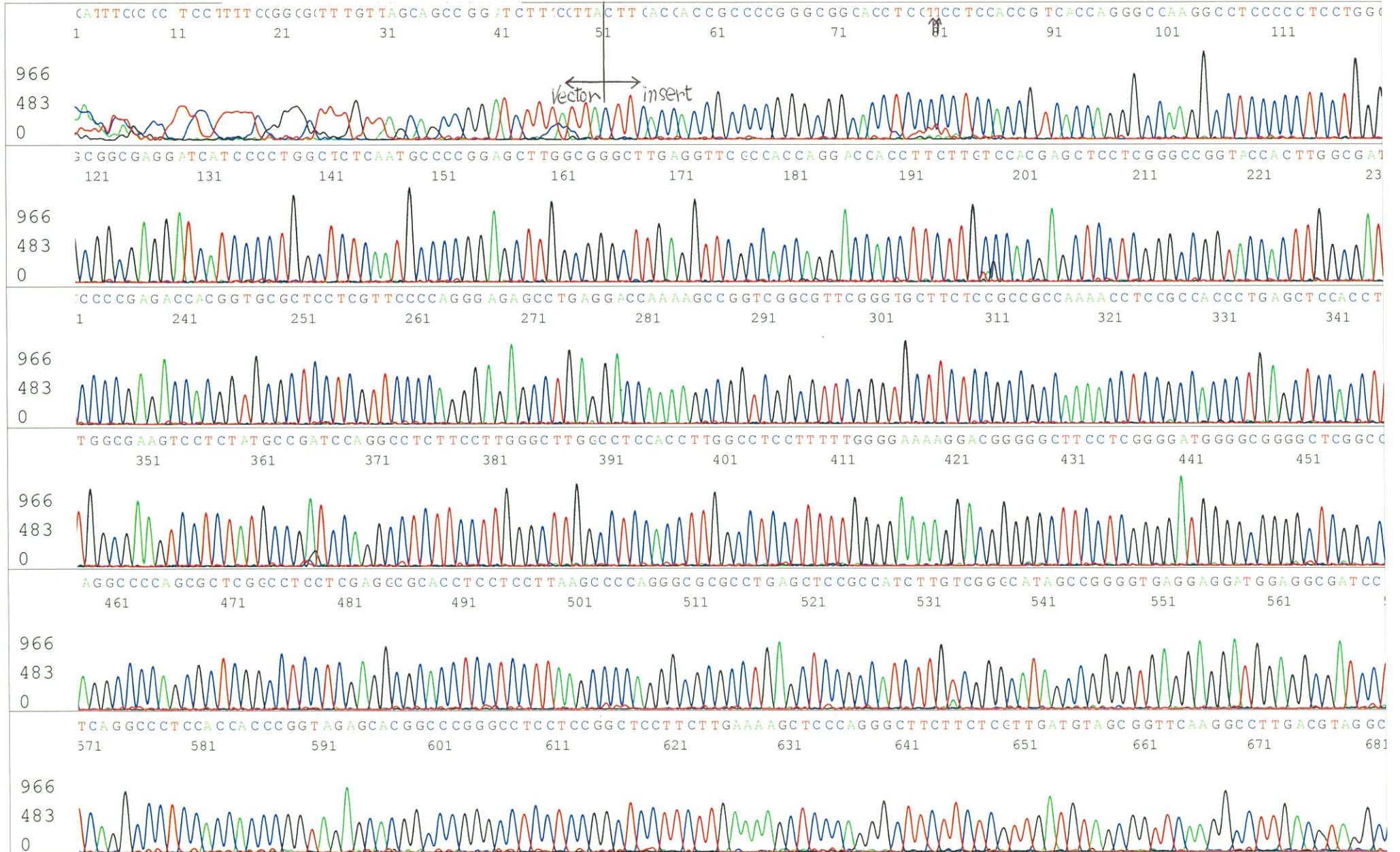


S/N G:12 A:13 T:8 C:14
KB.bcp
KB 1.4.1.8 Cap:15



S/N G:15 A:11 T:10 C:18
KB.bcp
KB 1.4.1.8 Cap:10

Primer B : T7 terminator
5' GCTAGTTATTGCTCAGCGG 3'



S/N G:15 A:11 T:10 C:18
KB.bcp
KB 1.4.1.8 Cap:10

