

**RIKEN Clone ID : TEx09H09 (PC010098-41)**

Lot# : 6078\_A4Du

Vector : pET-11a

Locus tag	TTHA0098
Insert size	1776 bp
Product	arginyl-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 -> dH<sub>2</sub>O 50 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 140501

DNA concentration (O.D.): 121 ng/ul

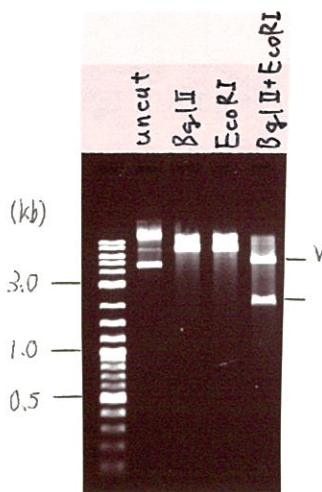
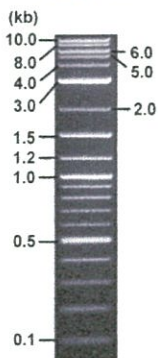
<Size of fragment expected from TEx09H09 >

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

BglII	7417 bp
EcoRI	7417 bp
BglII + EcoRI	5213 2204 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>121</u> ng/ul )	<u>38.0</u> ul
10x TE	<u>18.4</u> ul
dH <sub>2</sub> O	<u>127.5</u> ul
Total	<u>183.9</u> ul

● Shipping

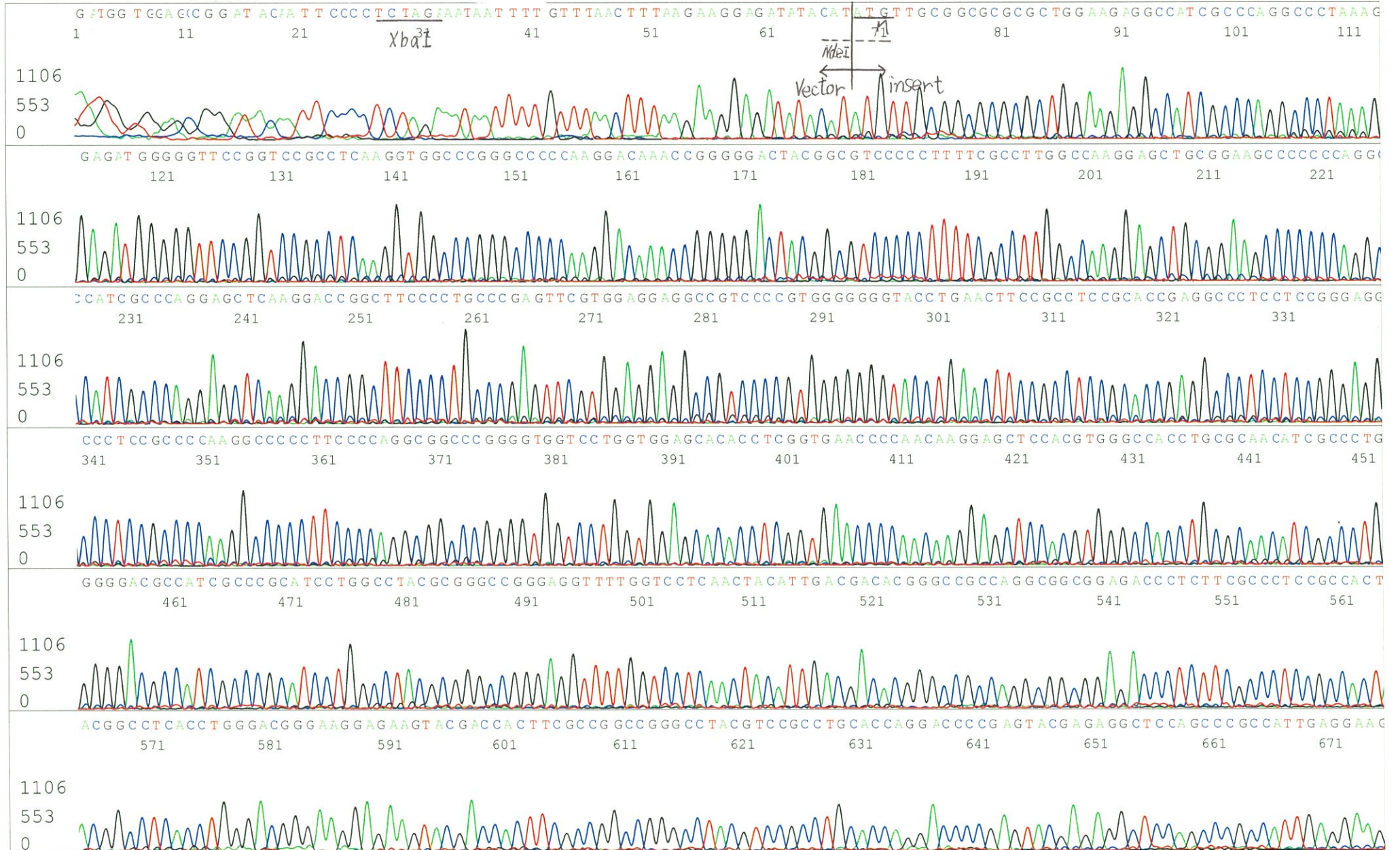
Conc. : 25 ng/μl, Volume : 40 μl

~~Conc. : \_\_\_\_\_ ng/μl, Volume : \_\_\_\_\_ μl~~

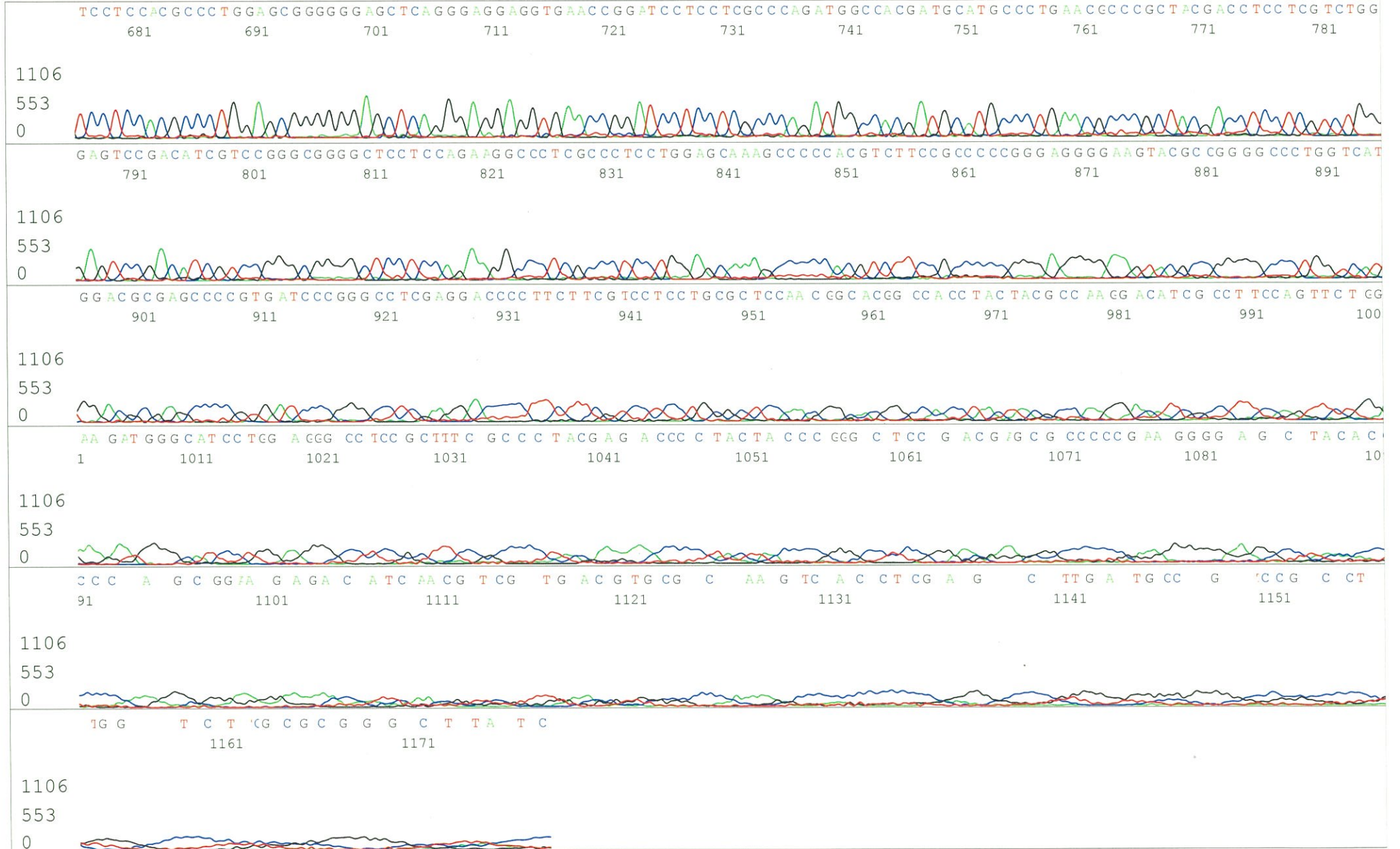
APPROVED BY :



S/N G:45 A:42 T:25 C:5  
KB.bcp  
KB 1.4.1.8 Cap:19  
Primer A: T7 long  
5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

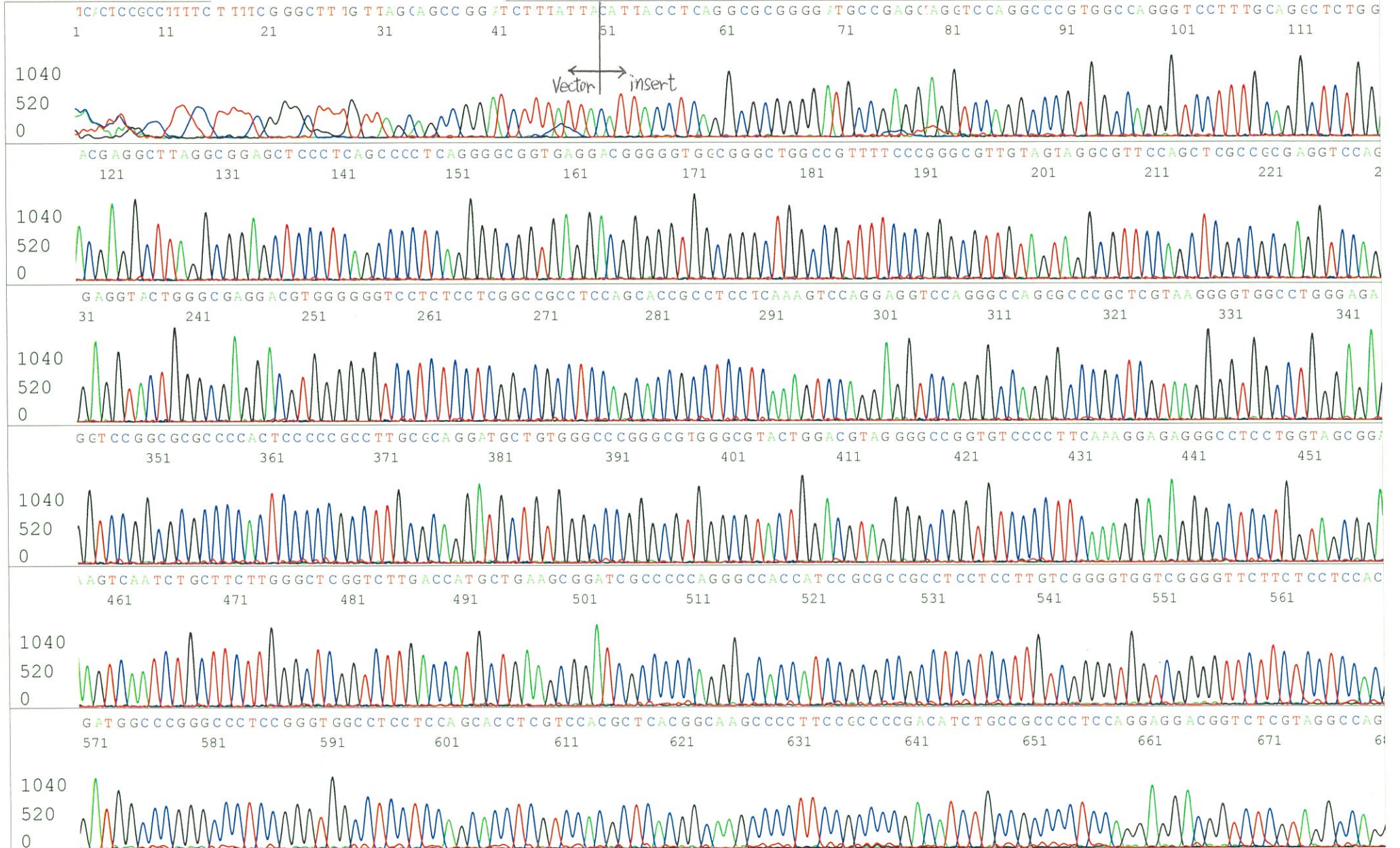


S/N G:45 A:42 T:25 C:59  
KB.bcp  
KB 1.4.1.8 Cap:19



S/N G:24 A:16 T:13 C:27  
KB.bcp  
KB 1.4.1.8 Cap:20

Primer B : T7 terminator  
5' GCTAGTTATTGCTCAGCGG 3'



S/N G:24 A:16 T:13 C:27  
KB.bcp  
KB 1.4.1.8 Cap:20

