

RIKEN Clone ID : TEx04H08 (PC014087-42)

Lot# : 6078_A⁴Ar

Vector : pET-11a

Locus tag	TTHB087
Insert size	1293 bp
Product	beta-glucosidase

● Plasmid DNA purification

Date : 14 01 27

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

Date : 14 01 28

Purification : QIAGEN Miniprep kit → dH₂O 50 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 14 01 28

DNA concentration (O.D.): 154 ng/ul

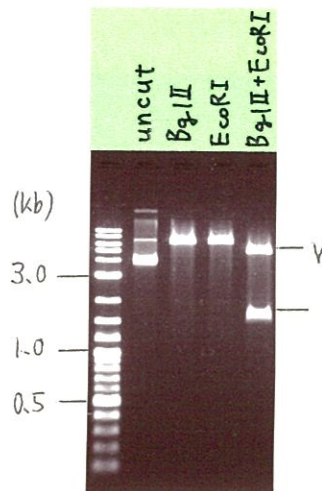
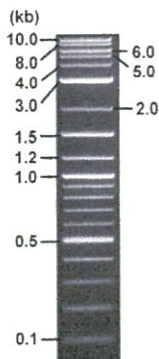
<Size of fragment expected from TEx04H08 >

DNA	<u>0.3</u> ul
Enzyme (BglII + EcoRI)	<u>0.5 + 0.5</u> ul
Buffer H	<u>1</u> ul
dH ₂ O	<u>7.7</u> ul
Total	<u>10</u> ul

BglII		6934 bp
EcoRI		6934 bp
BglII + EcoRI	<u>5213</u>	<u>1721bp</u>

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



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

Date : 14 02 03

Shipping amount : 40 ul

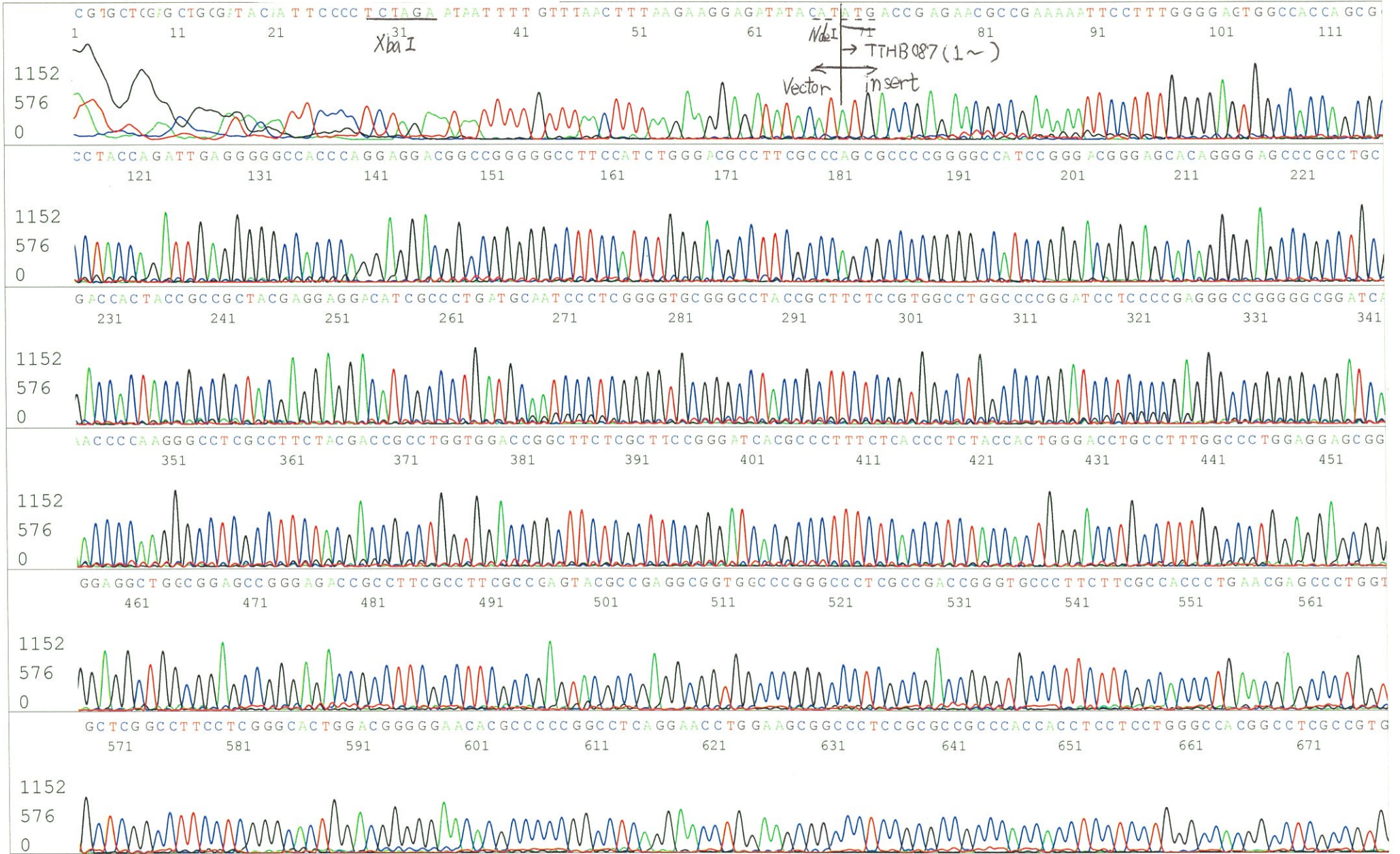
Concentration at the time of preparation of plasmid DNA : 25 ng/ul

DNA (<u>154</u> ng/ul)	<u>38.0</u> ul
10x TE	<u>23.4</u> ul
dH ₂ O	<u>172.7</u> ul
Total	<u>234.1</u> ul

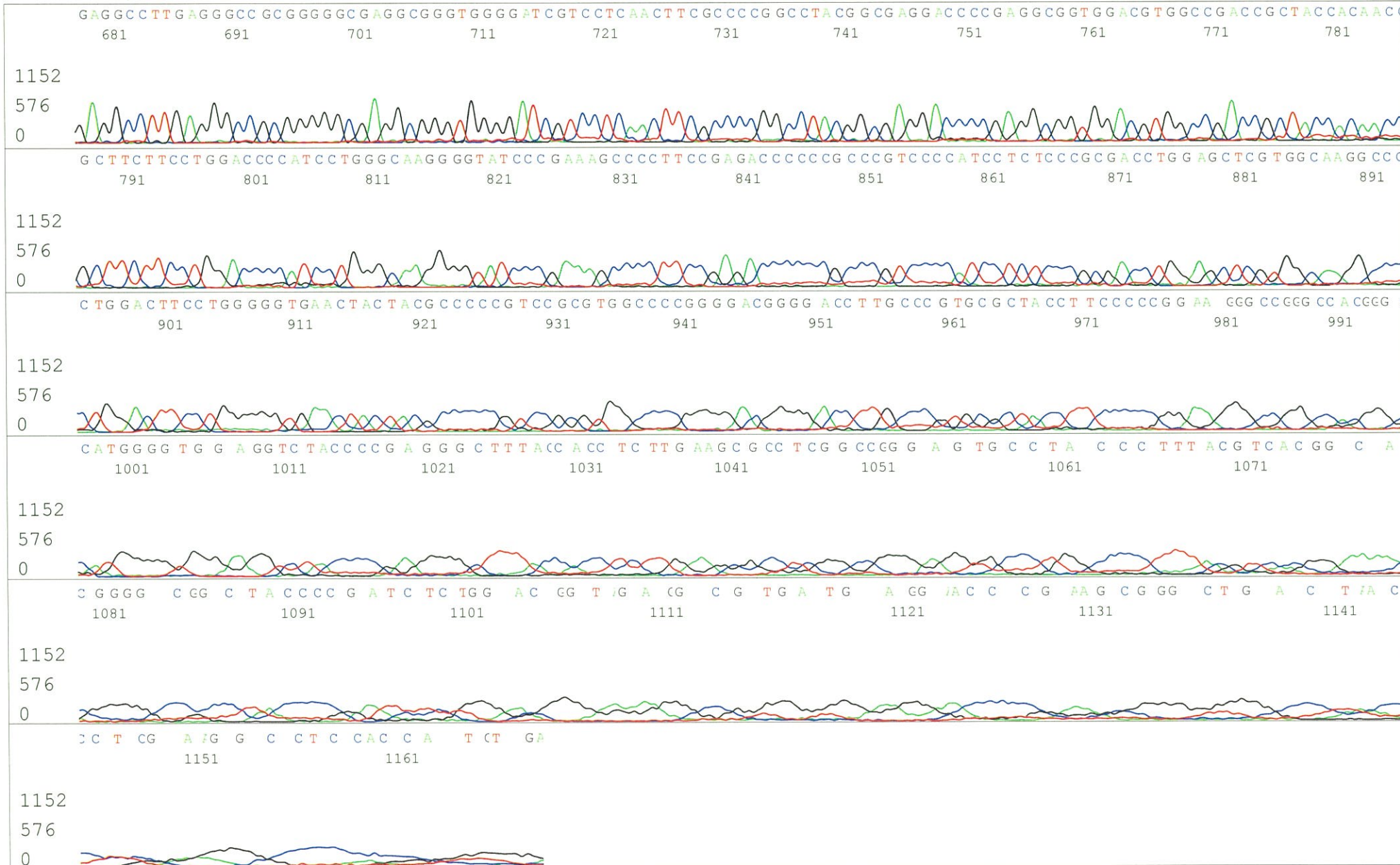


APPROVED BY :

S/N G:101 A:93 T:75 C:14
KB.bcp
KB 1.4.1.8 Cap:7
Primer A : T7 long
5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

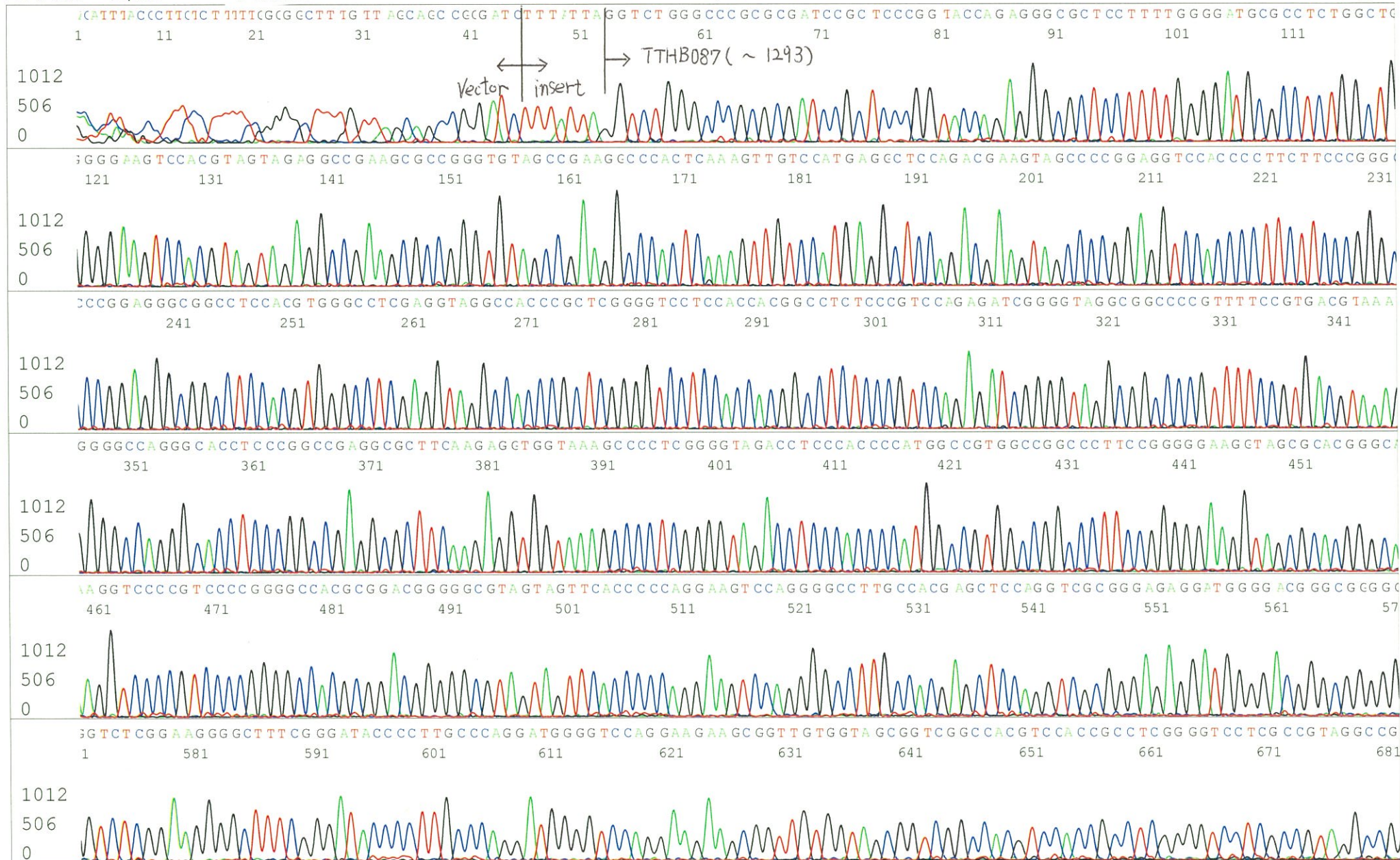


S/N G:101 A:93 T:75 C:141
KB.bcp
KB 1.4.1.8 Cap:7



S/N G:14 A:13 T:10 C:18
KB.bcp
KB 1.4.1.8 Cap:10

Primer B : T7 terminator
5' GCTAGTTATTGCTCAGCGG 3'



S/N G:14 A:13 T:10 C:18
KB.bcp
KB 1.4.1.8 Cap:10

