

RIKEN Clone ID : TEx05C10 (PC011749-44)

Lot# : 6078_A4BI

Vector : pET-11a

Locus tag	TTHA1749
Insert size	477 bp
Product	xy-6- hydroxymethylidihydropteridine pyropho

● Plasmid DNA purification

Date : 14 02 24

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

Date : 14 02 25

Purification : QIAGEN Miniprep kit -> dH₂O 50 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 14 02 25

DNA concentration (O.D.): 91 ng/ul

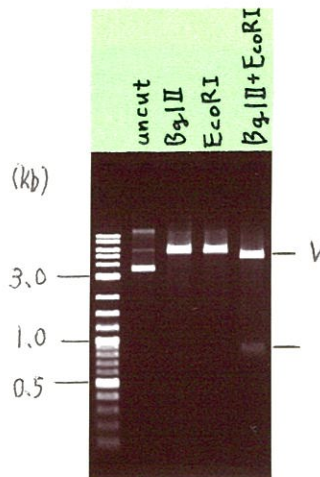
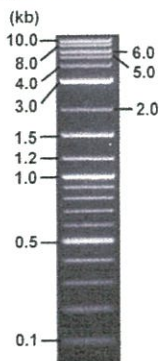
<Size of fragment expected from TEx05C10 >

DNA	0.5	ul
Enzyme (BglII + EcoRI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.5	ul
Total	10	ul

BglII		6118 bp
EcoRI		6118 bp
BglII + EcoRI	5213	905 bp

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 28

Shipping amount : 40 ul

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

DNA (<u>91</u> ng/ul)	<u>38.0</u>	ul
10x TE	<u>13.8</u>	ul
dH ₂ O	<u>86.5</u>	ul
Total	<u>138.3</u>	ul



APPROVED BY :

S/N G:8 A:9 T:8 C:11

Primer A : T7 long

6078_TEx05C10_A4BI_T7long

Feb 26,2014 10:28AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Feb 26,2014 10:55AM, JST

KB 1.4.1.8 Cap:8

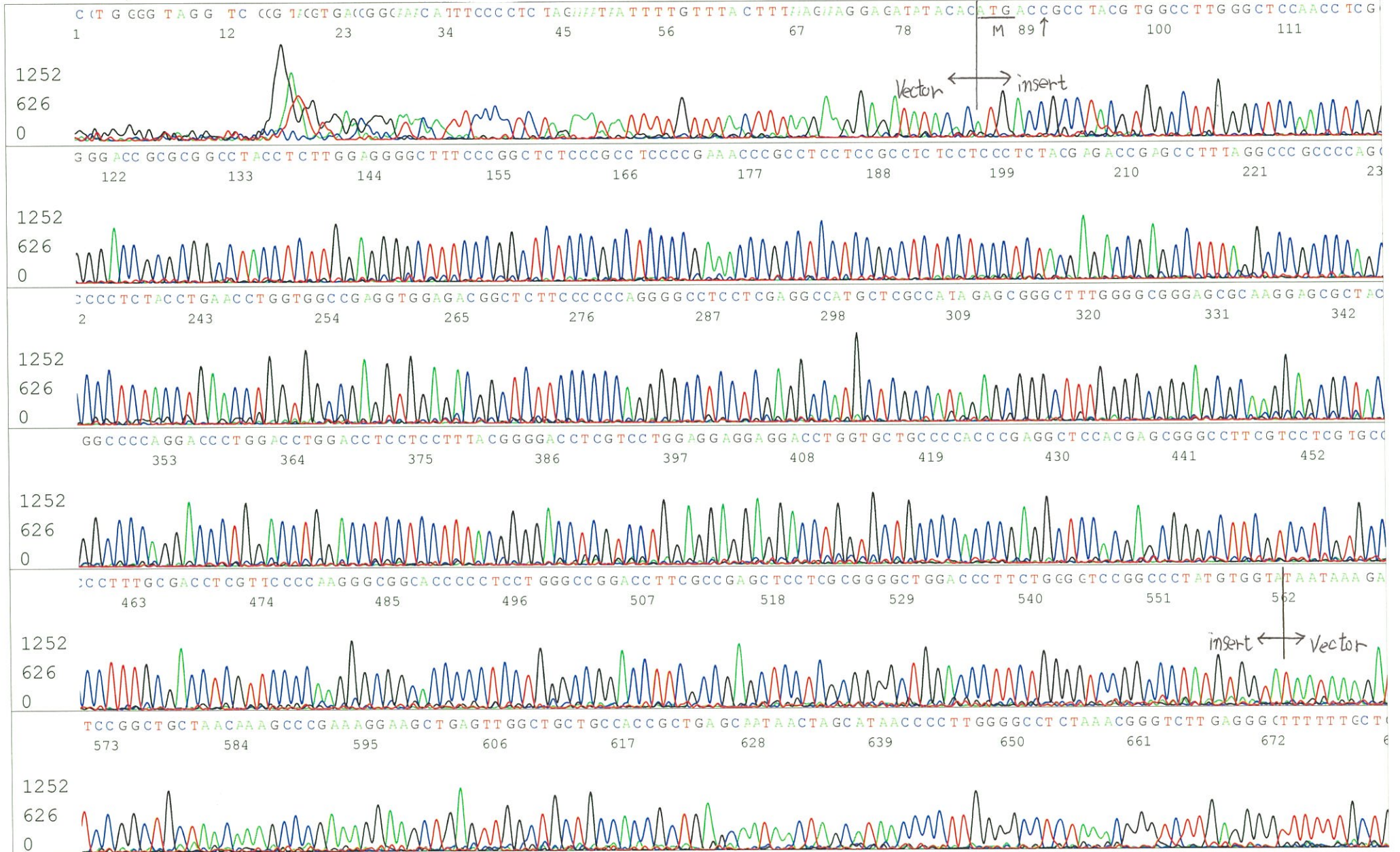
5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

Pts 1249 to 13516 Pk1 Loc:1226

Spacing:12.05 Pts/Panel1350

Version 5.4 HiSQV Bases: 924

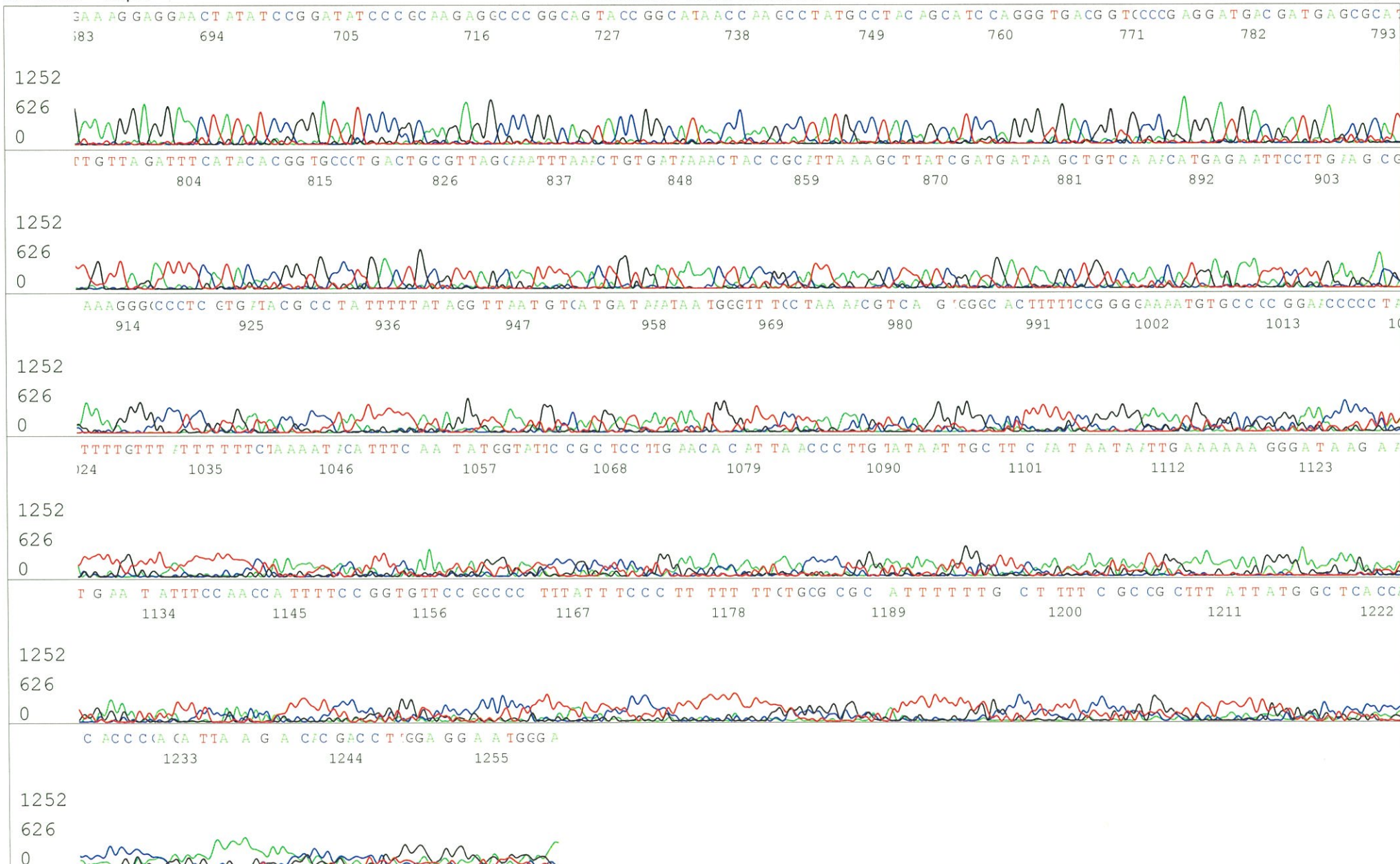
Plate Name: 20140226_mix



S/N G:8 A:9 T:8 C:11

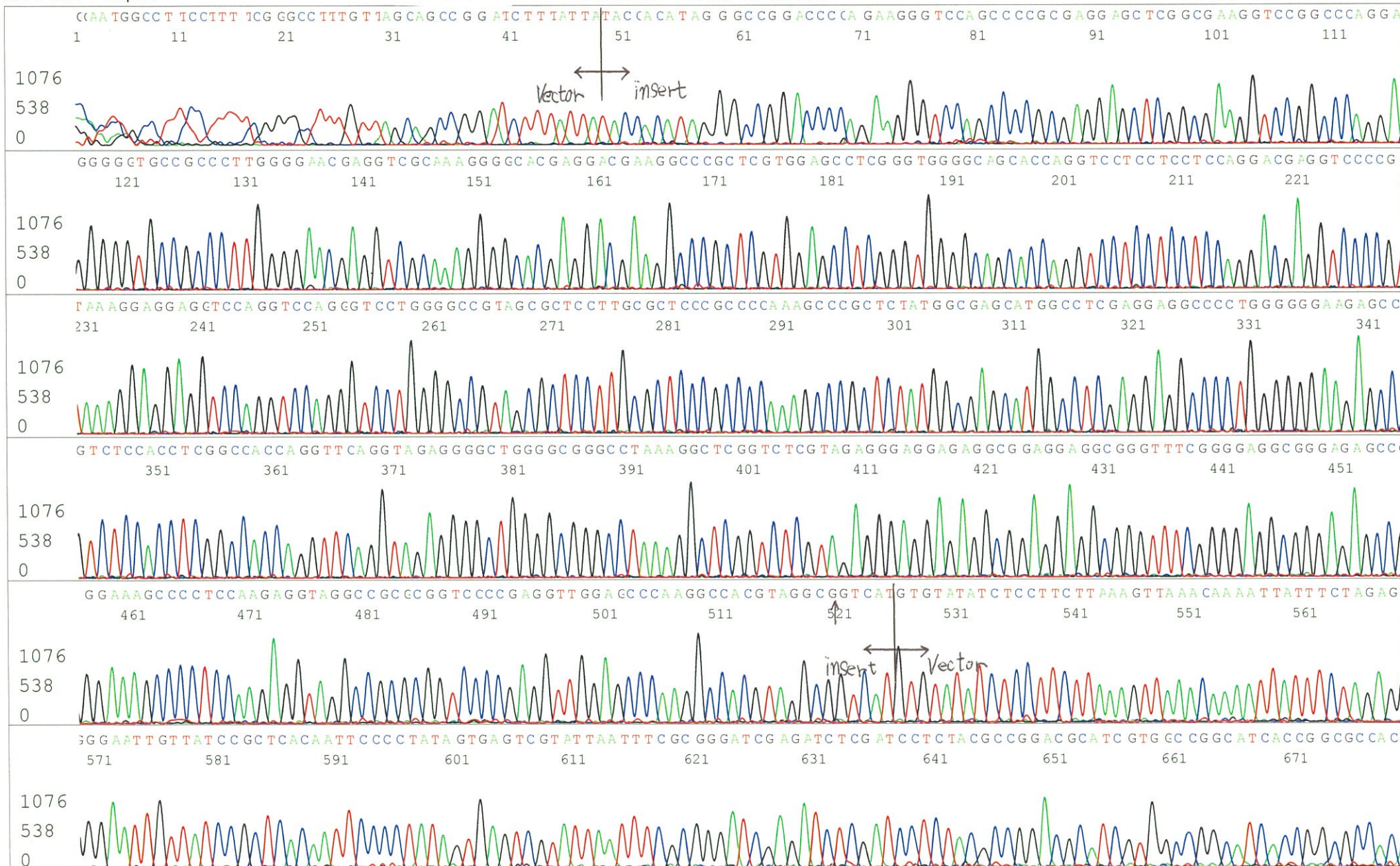
KB.bcp

KB 1.4.1.8 Cap:8



S/N G:14 A:16 T:11 C:13
KB.bcp
KB 1.4.1.8 Cap:11

Primer B : T7 terminator
5' GCTAGTTATTGCTCAGCGG 3'



S/N G:14 A:16 T:11 C:13
KB.bcp
KB 1.4.1.8 Cap:11

