

**RIKEN Clone ID : TEx10B03 (PC010443-41)**

Lot# : 6078\_A4Af

Vector : pET-11a

Locus tag	TTHA0443
Insert size	1290 bp
Product	putative membrane protein

● Plasmid DNA purification

Date : 140115

Culture : LB (100 ug/ml Ampicillin) 5 ml -> 37°C O/N

Date : 140116

Purification : QIAGEN Miniprep kit -> dH<sub>2</sub>O 50 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 140116

DNA concentration (O.D.): 122 ng/ul

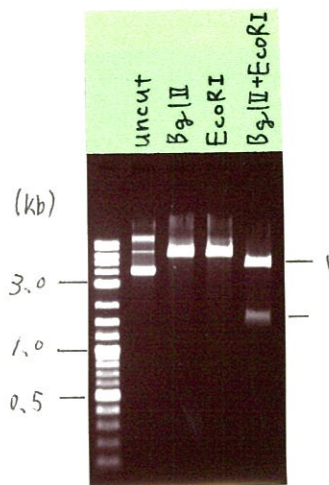
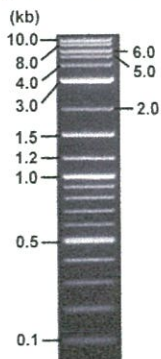
<Size of fragment expected from TEx10B03 >

DNA	0.4 ul
Enzyme (BglII + EcoRI)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	7.6 ul
<b>Total</b>	<b>10 ul</b>

BglII		6931 bp
EcoRI		6931 bp
BglII + EcoRI	5213	1718 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 : 140120

Shipping amount : 40 ul

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

DNA ( <u>122</u> ng/ul)	<u>42.0</u> ul
10x TE	<u>20.5</u> ul
dH <sub>2</sub> O	<u>142.5</u> ul
<b>Total</b>	<b>205.0</b> ul

APPROVED BY :



S/N G:67 A:63 T:64 C:99

Primer A : T7 long

6078\_TEx10B03\_A4Af\_T7long

Jan 17,2014 02:20PM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Jan 17,2014 02:47PM, JST

KB 1.4.1.8 Cap:3

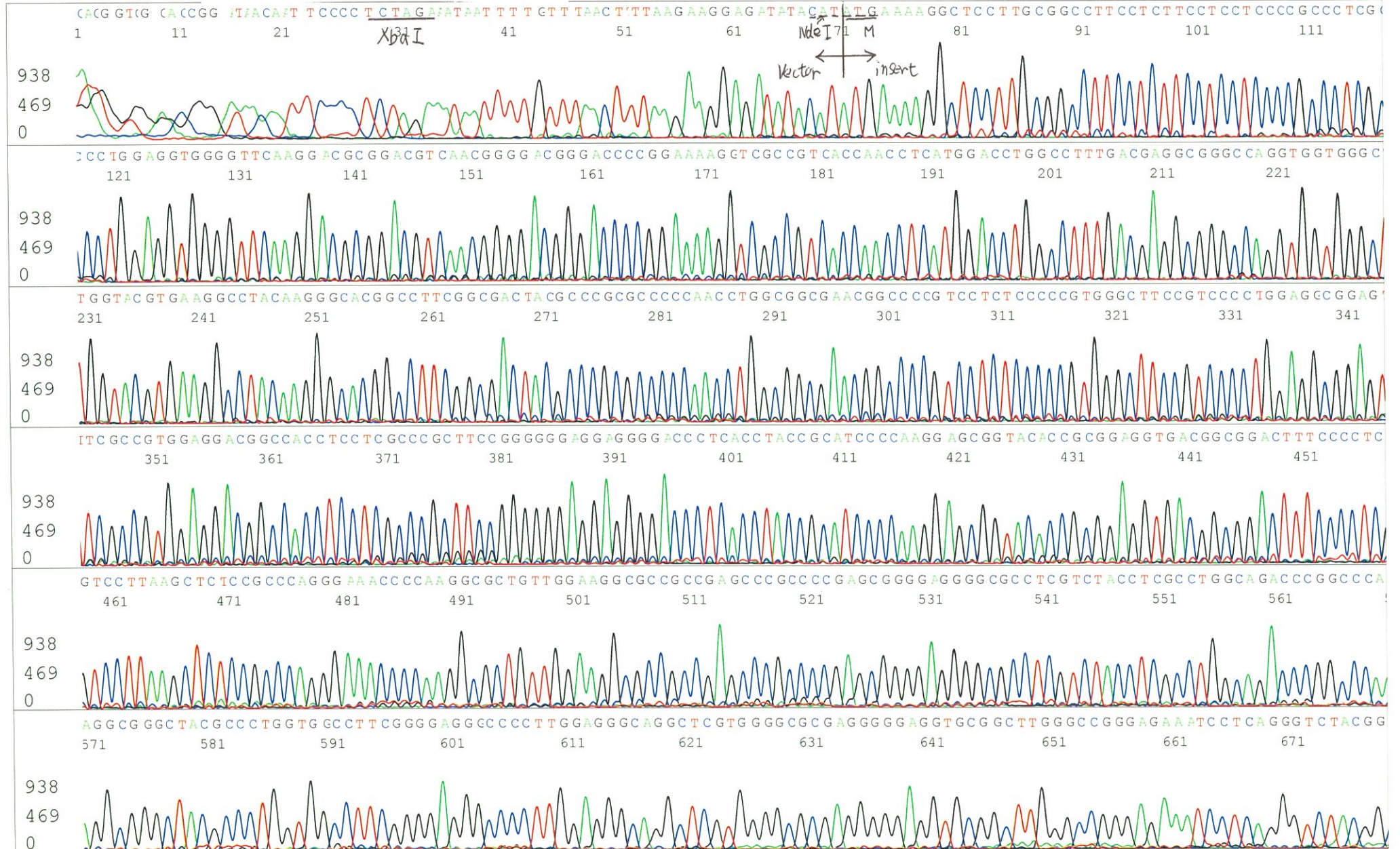
5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

Pts 1418 to 13101 Pk1 Loc:1395

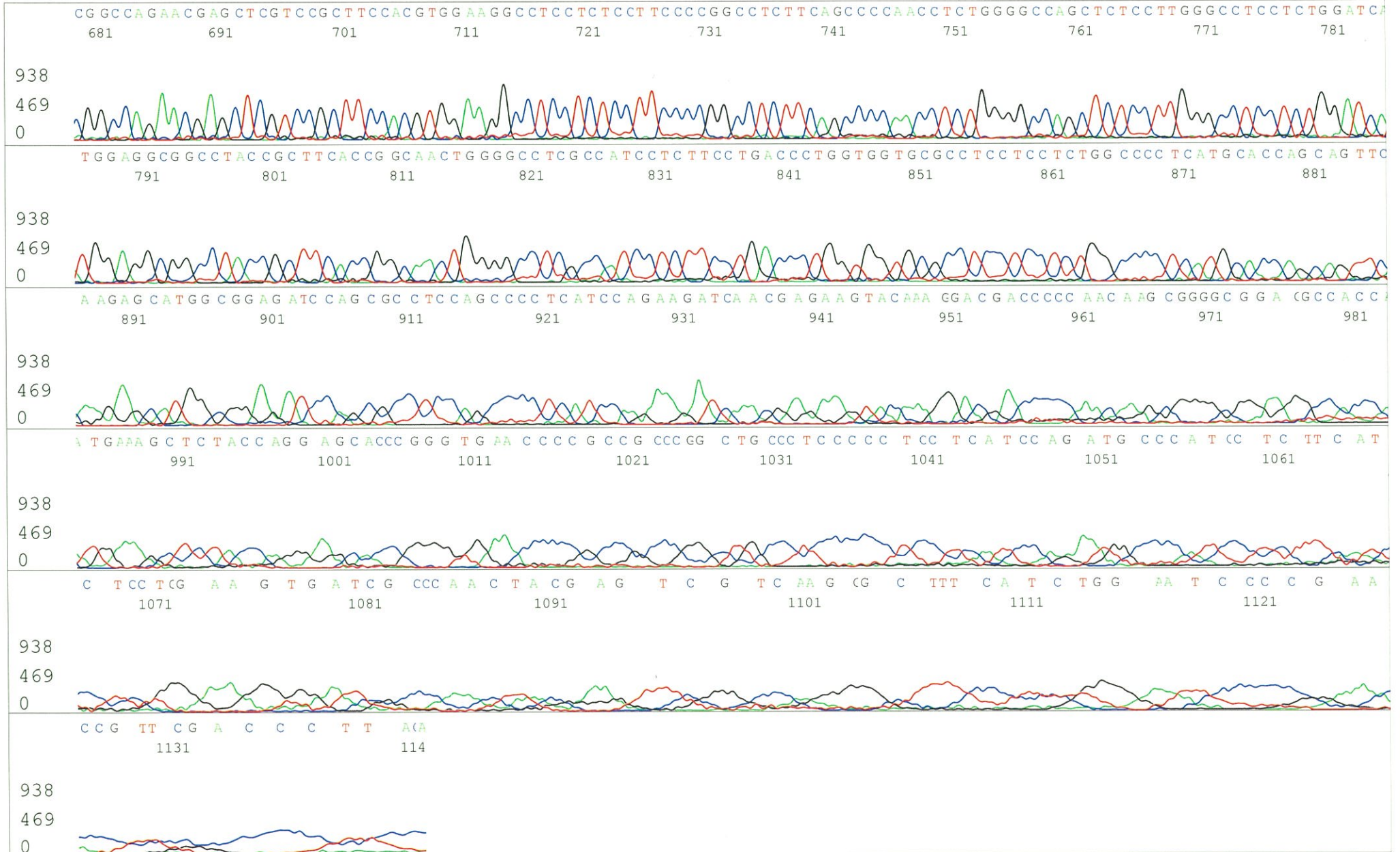
Spacing:11.61 Pts/Panel1350

Version 5.4 HiSQV Bases: 982

Plate Name: 20140117\_mix



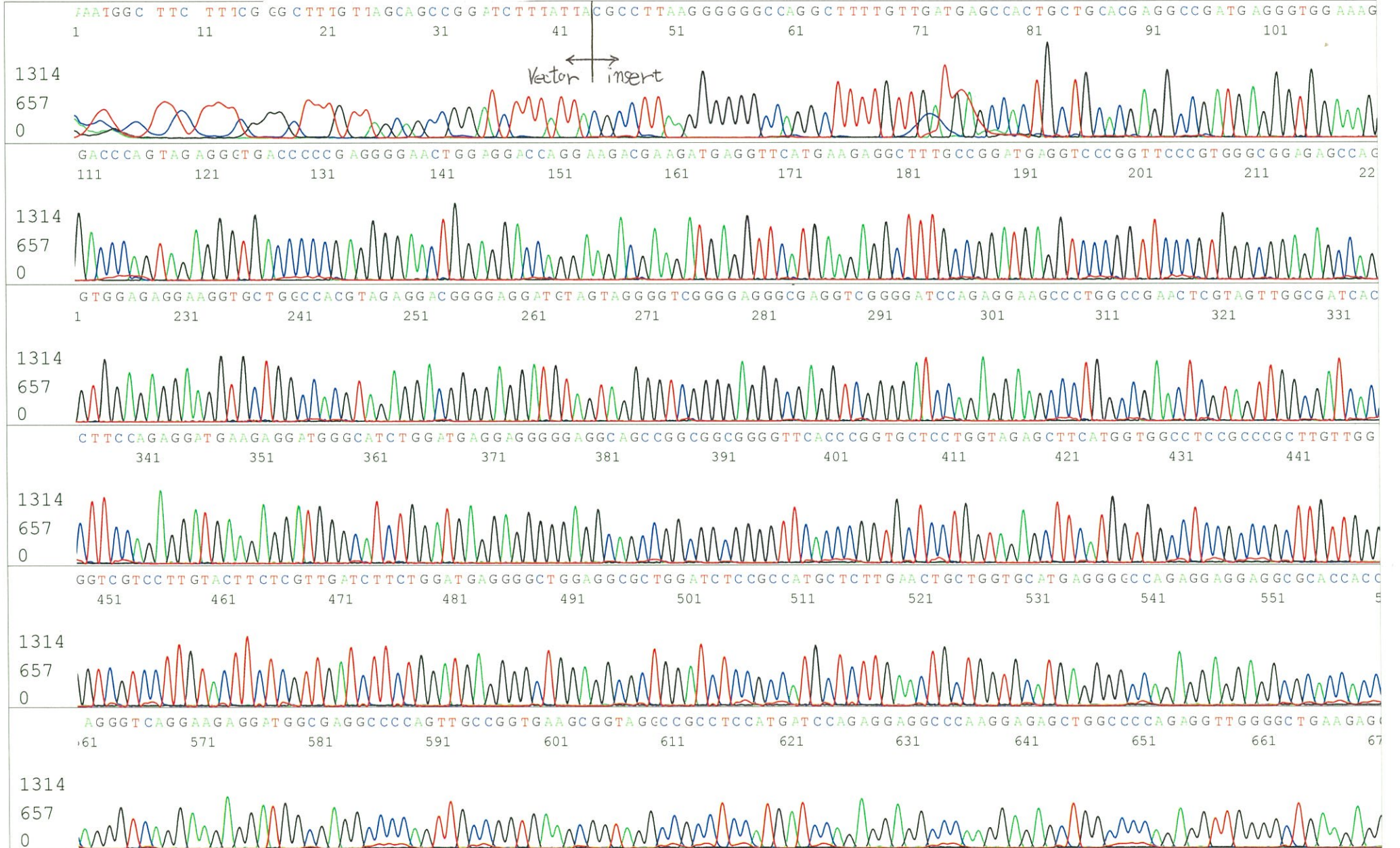






S/N G:200 A:190 T:143 C:156  
KB.bcp  
KB 1.4.1.8 Cap:6

Primer B : T7 terminator  
5' GCTAGTTATTGCTCAGCGG 3'





S/N G:200 A:190 T:143 C:156  
KB.bcp  
KB 1.4.1.8 Cap:6

