

RIKEN Clone ID : TEx05H07 (PC010101-42)

Lot# : 6078_A4D3

Vector : pET-11a

Locus tag	TTHA0101
Insert size	615 bp
Product	transcriptional repressor, TetR family

● Plasmid DNA purification

Date : 140403

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

Date : 140404

Purification : QIAGEN Miniprep kit → dH₂O 50 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 140404

DNA concentration (O.D.): 86 ng/ul

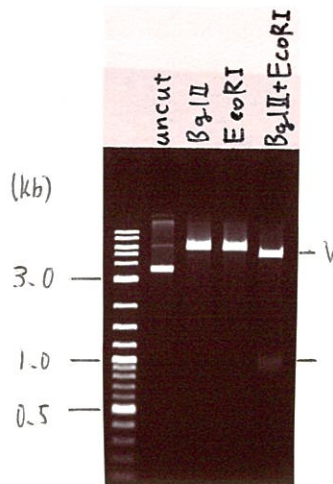
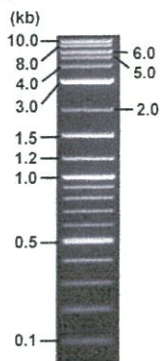
<Size of fragment expected from TEx05H07 >

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		6256 bp
EcoRI		6256 bp
BglII + EcoRI	5213	1043 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 : 140408

Shipping amount : 40 ul

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

DNA (<u>86</u> ng/ul)	<u>40.0</u>	ul
10x TE	<u>13.8</u>	ul
dH ₂ O	<u>83.8</u>	ul
Total	<u>137.6</u>	ul

APPROVED BY :



S/N G:7 A:7 T:6 C:9

Primer A : T7 long

6078_TEx05H07_A4D3_T7long

Apr 07,2014 02:32PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Apr 07,2014 02:59PM, JST

KB 1.4.1.8 Cap:16

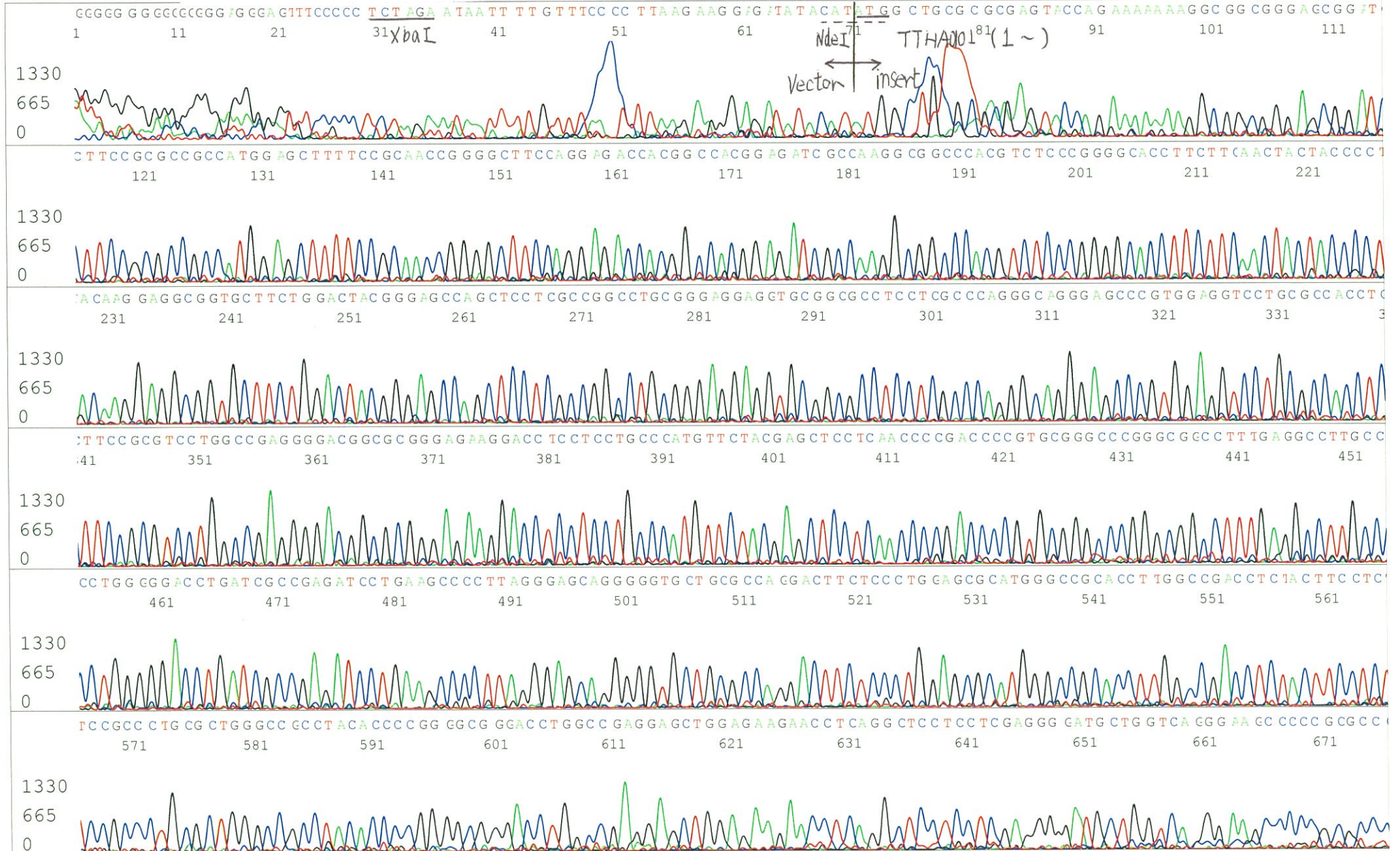
5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

Pts 1404 to 13088 Pk1 Loc:1381

Spacing:11.58 Pts/Panel1350

Version 5.4 HiSQV Bases: 881

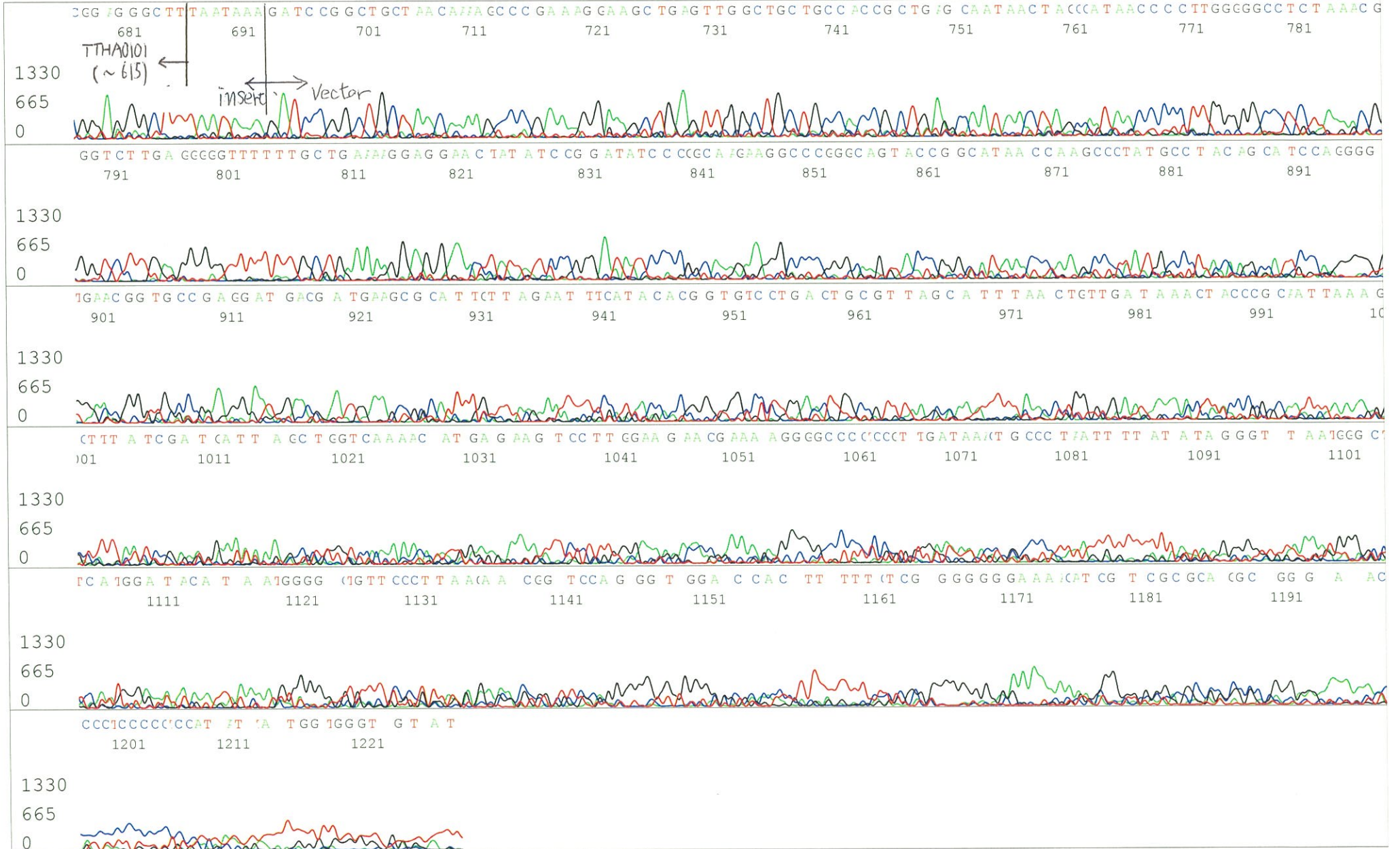
Plate Name: 20140407_mix



S/N G:7 A:7 T:6 C:9

KB.bcp

KB 1.4.1.8 Cap:16



S/N G:199 A:178 T:143 C:244

Primer B : T7 terminator

KB.bcp

KB 1.4.1.8 Cap:19

5' GCTAGTTATTGCTCAGCGG 3'

