

**RIKEN Clone ID : TEx05D05 (PC010255-42)**

Lot# : 6078\_A8Ao

Vector : pET-11a

Locus tag	TTHA0255
Insert size	441 bp
Product	ferric uptake regulation protein

● Plasmid DNA purification

Date : 18/01/24

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

Date : 18/01/25

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

● Digestion by restriction enzyme/Concentration calibration

Date : 18/01/25

DNA concentration (O.D.): 67 ng/ul

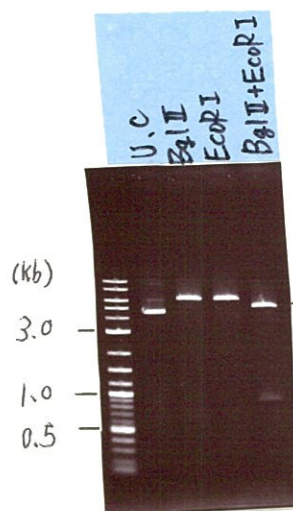
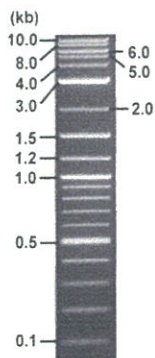
DNA	<u>1.5</u>	ul
Enzyme (BglII + EcoRI)	<u>0.5 + 0.5</u>	ul
Buffer H	<u>1</u>	ul
dH <sub>2</sub> O	<u>6.5</u>	ul
<b>Total</b>	<b>10</b>	<b>ul</b>

< Size of fragment expected from this clone >

BglII	6.1 kb
EcoRI	6.1 kb
BglII + EcoRI	5.2, 0.9 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder



● Adjust plasmid DNA solution to 25 ng/ul

Date : 18/01/31

DNA ( <u>67</u> ng/ul )	<u>25.0</u>	ul
10x TE	<u>6.7</u>	ul
dH <sub>2</sub> O	<u>35.3</u>	ul
<b>Total</b>	<b>67.0</b>	<b>ul</b>

● Shipping

- Conc. : 25 ng/μl, Volume : 40 μl
- Conc. : \_\_\_\_\_ ng/μl, Volume : \_\_\_\_\_ μl

APPROVED BY :



S/N G:41 A:56 T:42 C:82

Primer A : T7 long

TEx05D05\_A8Ao\_T7long

Jan 29,2018 10:06AM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Jan 29,2018 10:22AM, JST

KB 1.4.1.8 Cap:21

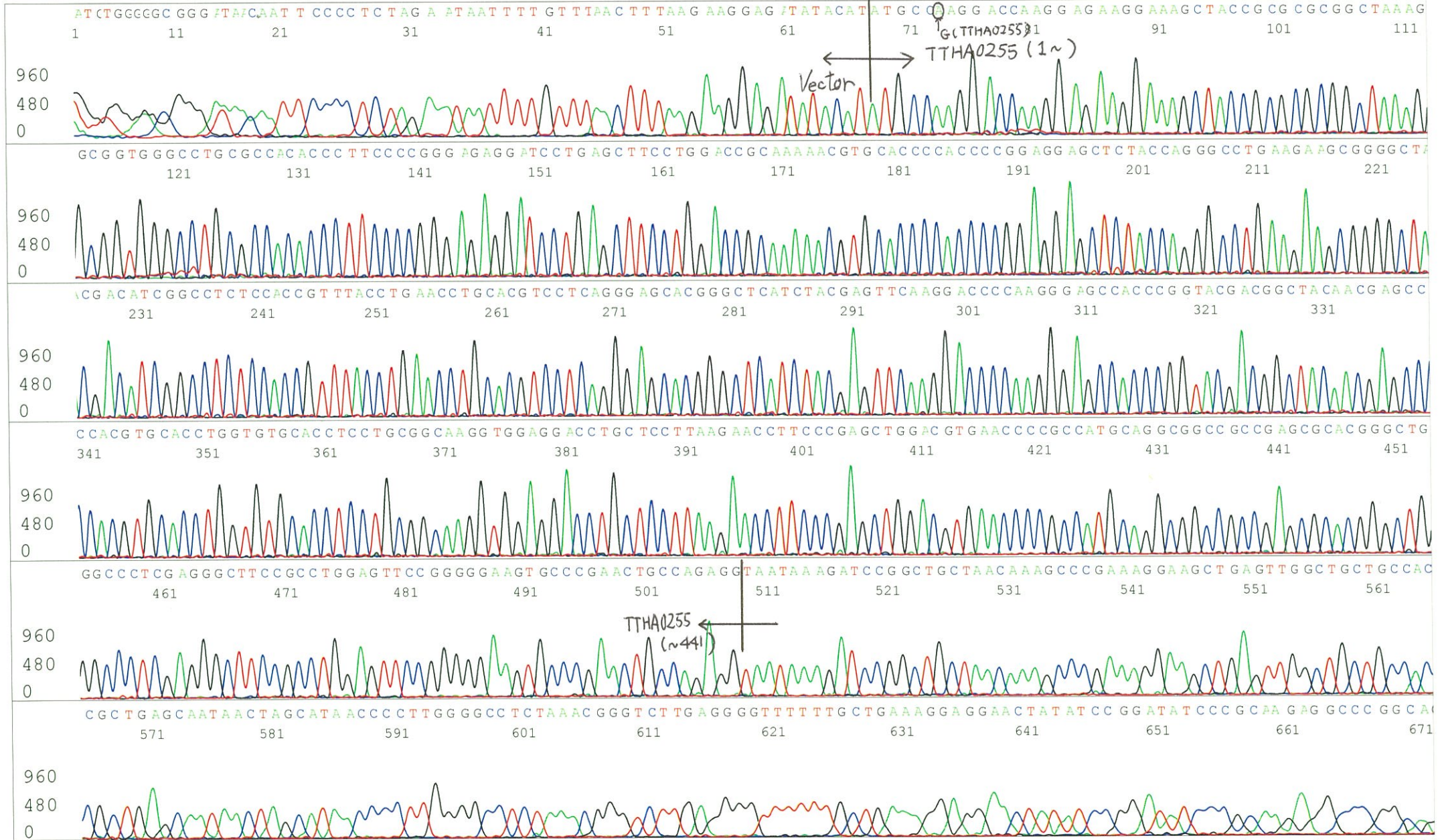
5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

Pts 1786 to 8680 Pk1 Loc:1754

Spacing:10.27 Pts/Panel1350

Version 6.0 HiSQV Bases: 711

Plate Name: 20180129\_GNP



S/N G:159 A:128 T:143 C:206  
KB.bcp  
KB 1.4.1.8 Cap:24

Primer B : T7 terminator

5' GCTAGTTATTGCTCAGCG 3'

TEx05D05\_A8Ao\_T7Terminator\_H03\_24\_ABI24  
TEx05D05\_A8Ao\_T7Terminator  
KB\_3500\_POP7\_BDTv3.mob  
Pts 1797 to 8661 Pk1 Loc:1765  
Version 6.0 HiSQV Bases: 699

Inst Model/Name 3500/3500 Instrument  
Jan 29,2018 10:06AM, JST  
Jan 29,2018 10:22AM, JST  
Spacing:10.32 Pts/Panel1350  
Plate Name: 20180129\_GNP

