

RIKEN Clone ID : TEx05G05 (PC011524-42)

Lot# : 6078_A8Ea

Vector : pET-11a

Locus tag	TTHA1524
Insert size	1221 bp
Product	serine hydroxymethyltransferase

● Plasmid DNA purification

Date : 180510

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

Date : 180511

Purification : QIAGEN Miniprep kit → dH₂O 50 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180511

DNA concentration (O.D.): 132 ng/ul

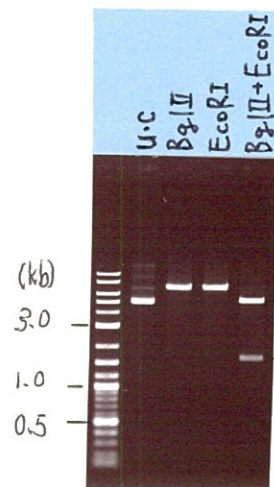
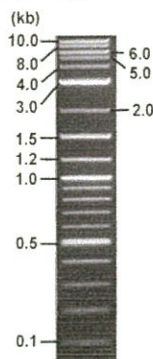
< Size of fragment expected from this clone >

DNA	0.7 ul
Enzyme (BglII + EcoRI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.3 ul
Total	10 ul

BglII	6.8 kb
EcoRI	6.8 kb
BglII + EcoRI	5.2 1.6 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180523

DNA (<u>132</u> ng/ul)	45.0 ul
10x TE	23.7 ul
dH ₂ O	168.9 ul
Total	237.6 ul

● Shipping

- Conc. : 25 ng/μl, Volume : 40 μl
- ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :



S/N G:10 A:10 T:9 C:18

Primer A : T7 long

6078_TEx05G05_A8Ea_T7long

May 15,2018 09:58AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

May 15,2018 10:13AM, JST

KB 1.4.1.8 Cap:5

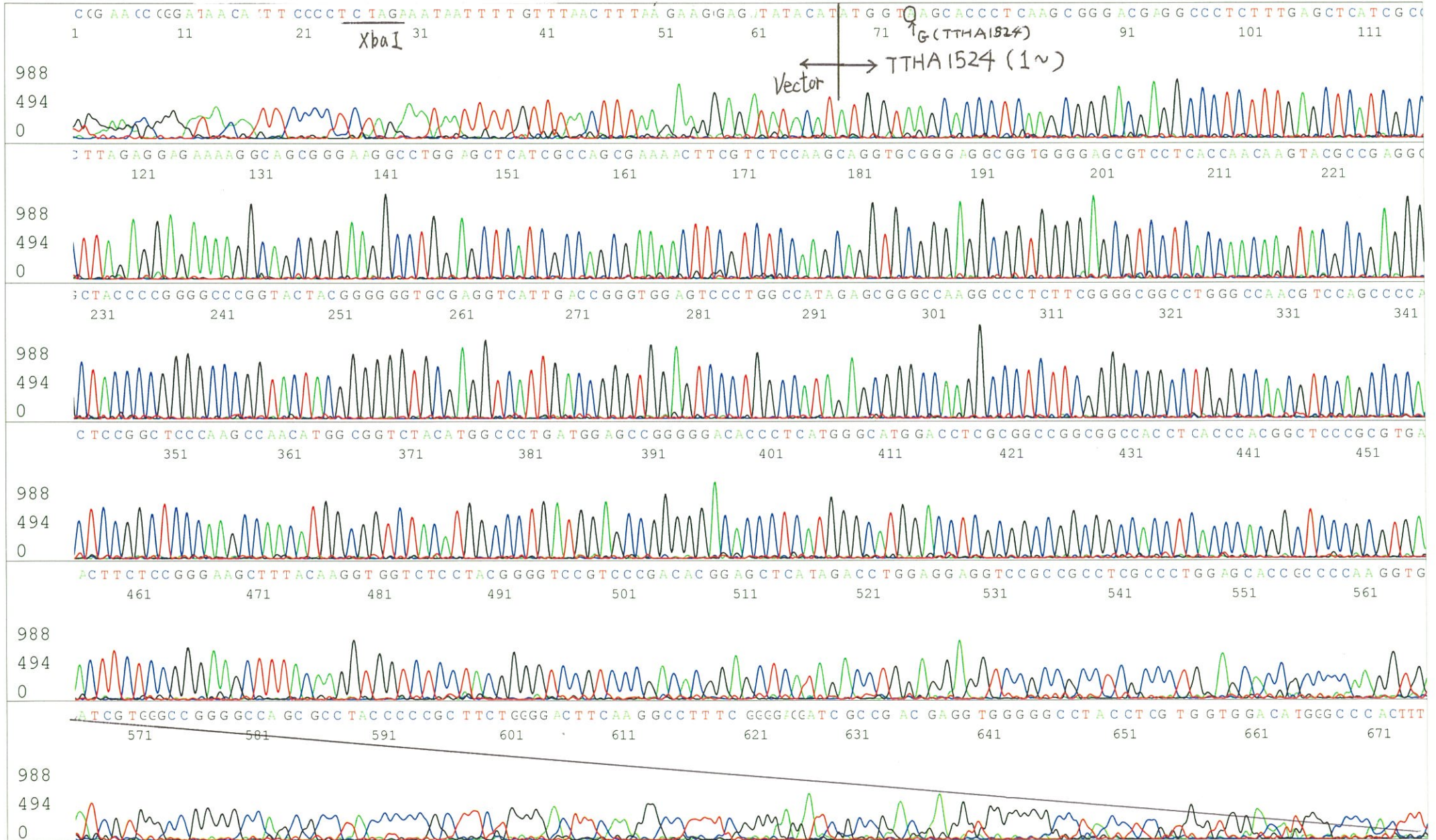
5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

Pts 1760 to 8662 Pk1 Loc:1728

Spacing:10.34 Pts/Panel1350

Version 6.0 HiSQV Bases: 678

Plate Name: 20180515_GNP



S/N G:57 A:47 T:38 C:84
KB.bcp
KB 1.4.1.8 Cap:1

Primer B : T7 terminator
5' GCTAGTTATTGCTCAGCGG 3'

6078_TEx05G05_A8Ea_T7terminator_A01_01_ABI08
6078_TEx05G05_A8Ea_T7terminator
KB_3500_POP7_BDTV3.mob
Pts 1772 to 8704 Pk1 Loc:1740
Version 6.0 HiSQV Bases: 711

Inst Model/Name 3500/3500 Instrument
May 16,2018 10:01AM, JST
May 16,2018 10:15AM, JST
Spacing:10.37 Pts/Panel1350
Plate Name: 20180516_mix

