

RIKEN Clone ID : TEx20B06 (PC011172-41)

Lot# : 7564_A4Au

Vector : pET-11a

Locus tag	TTHA1172
Insert size	2457 bp
Product	alpha-glucan phosphorylase

● Plasmid DNA purification

Date : 140130

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

Date : 140131

Purification : QIAGEN Miniprep kit -> dH₂O 50 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 140131

DNA concentration (O.D.): 186 ng/ul

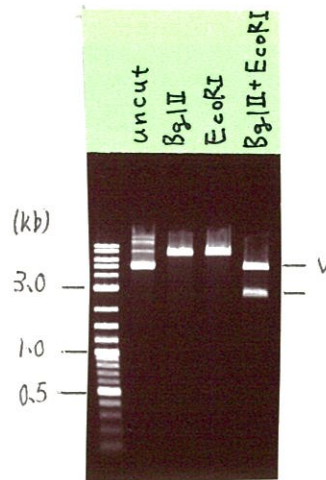
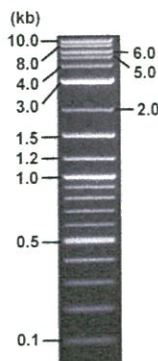
<Size of fragment expected from TEx20B06 >

DNA	<u>0.3</u> ul
Enzyme (BglII + EcoRI)	<u>0.5 + 0.5</u> ul
Buffer H	<u>1</u> ul
dH ₂ O	<u>7.7</u> ul
Total	<u>10</u> ul

BglII		8098 bp
EcoRI		8098 bp
BglII + EcoRI	<u>5213</u>	<u>2885</u> 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 : 140205

Shipping amount : 40 ul

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

DNA (<u>186</u> ng/ul)	<u>40.0</u>	ul
10x TE	<u>29.8</u>	ul
dH ₂ O	<u>227.8</u>	ul
Total	<u>297.6</u>	ul

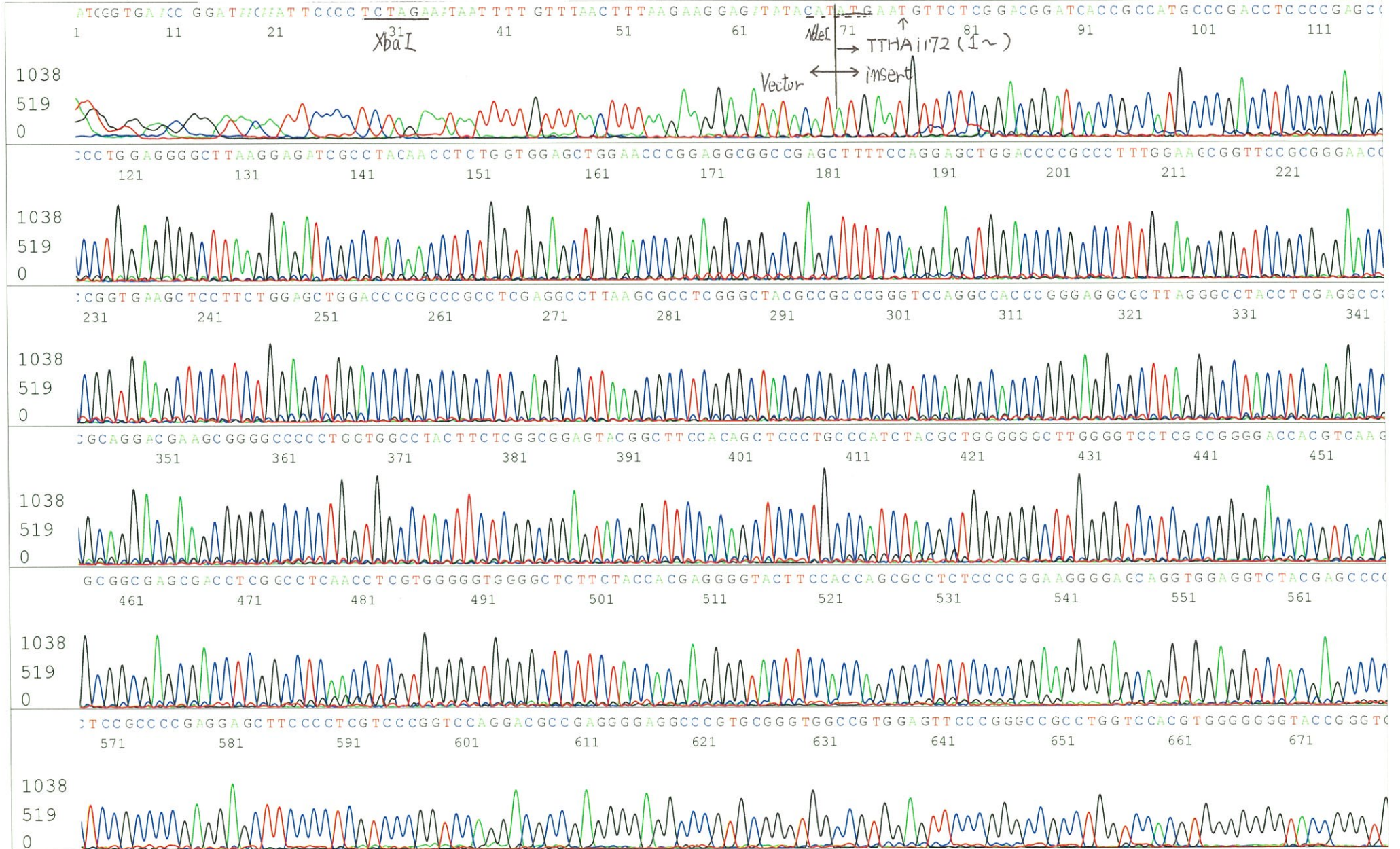
APPROVED BY :



S/N G:65 A:49 T:46 C:79
KB.bcp
KB 1.4.1.8 Cap:16

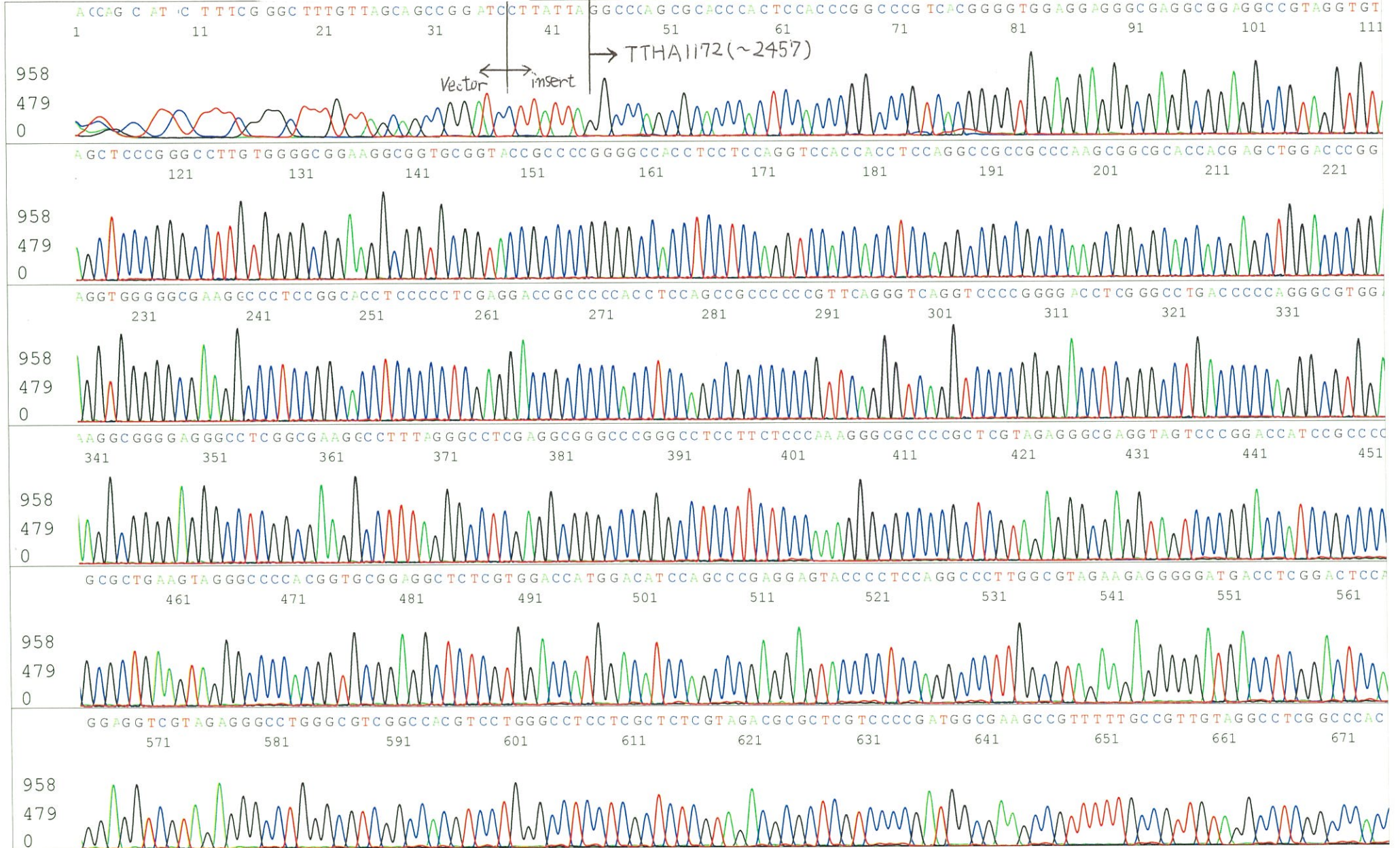
Primer A : T7 long

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'



S/N G:445 A:394 T:289 C:613
KB.bcp
KB 1.4.1.8 Cap:19

Primer B : T7 terminator
5' GCTAGTTATTGCTCAGCGG 3'



S/N G:445 A:394 T:289 C:613
KB.bcp
KB 1.4.1.8 Cap:19

