

**RIKEN Clone ID : TEx17G01 (PC010046-41)**

Lot#: 6078\_A4F3

Vector : pET-11a

Locus tag	TTHA0046
Insert size	1155 bp
Product	aspartate aminotransferase

● Plasmid DNA purification

Date : 140603

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

Date : 140604

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

● Digestion by restriction enzyme/Concentration calibration

Date : 140604

DNA concentration (O.D.): 101 ng/ul

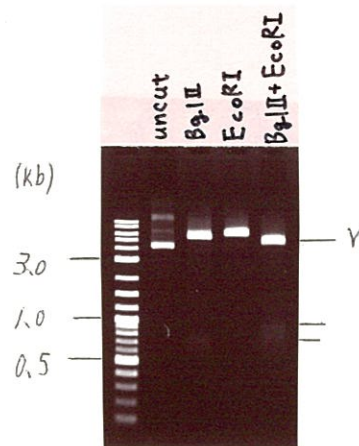
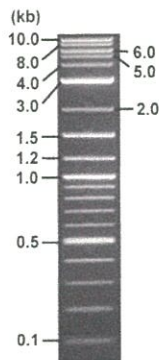
DNA	0.4	ul
Enzyme (BglII + EcoRI)	0.5 + 0.5	ul
Buffer H	1	ul
dH <sub>2</sub> O	7.6	ul
Total	10	ul

<Size of fragment expected from TEx17G01 >

BglII	6078, 718	bp	
EcoRI	6796	bp	
BglII + EcoRI	5213	865, 718	bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder



● Adjust plasmid DNA solution to 25 ng/ul

Date : 140606

DNA ( <u>101</u> ng/ul)	42.0	ul
10x TE	17.0	ul
dH <sub>2</sub> O	110.7	ul
Total	169.7	ul

● Shipping

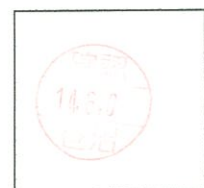


Conc. : 25 ng/μl, Volume : 40 μl



~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :



S/N G:66 A:62 T:38 C:70

Primer A : T7 long

6078\_TEx17G01\_A4F3\_T7long

Jun 05,2014 01:48PM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Jun 05,2014 02:14PM, JST

KB 1.4.1.8 Cap:13

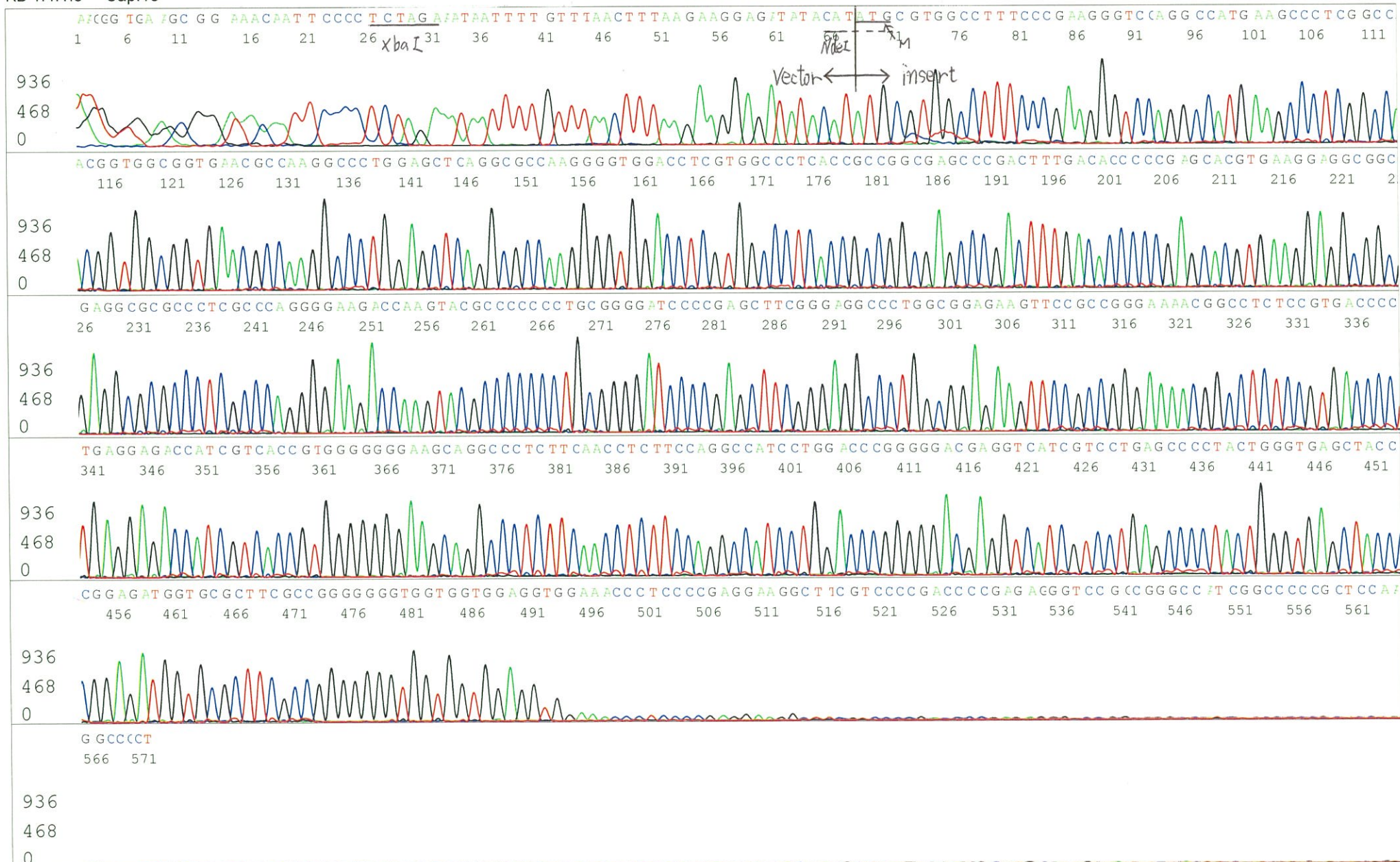
5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

Pts 1447 to 13000 Pk1 Loc:1424

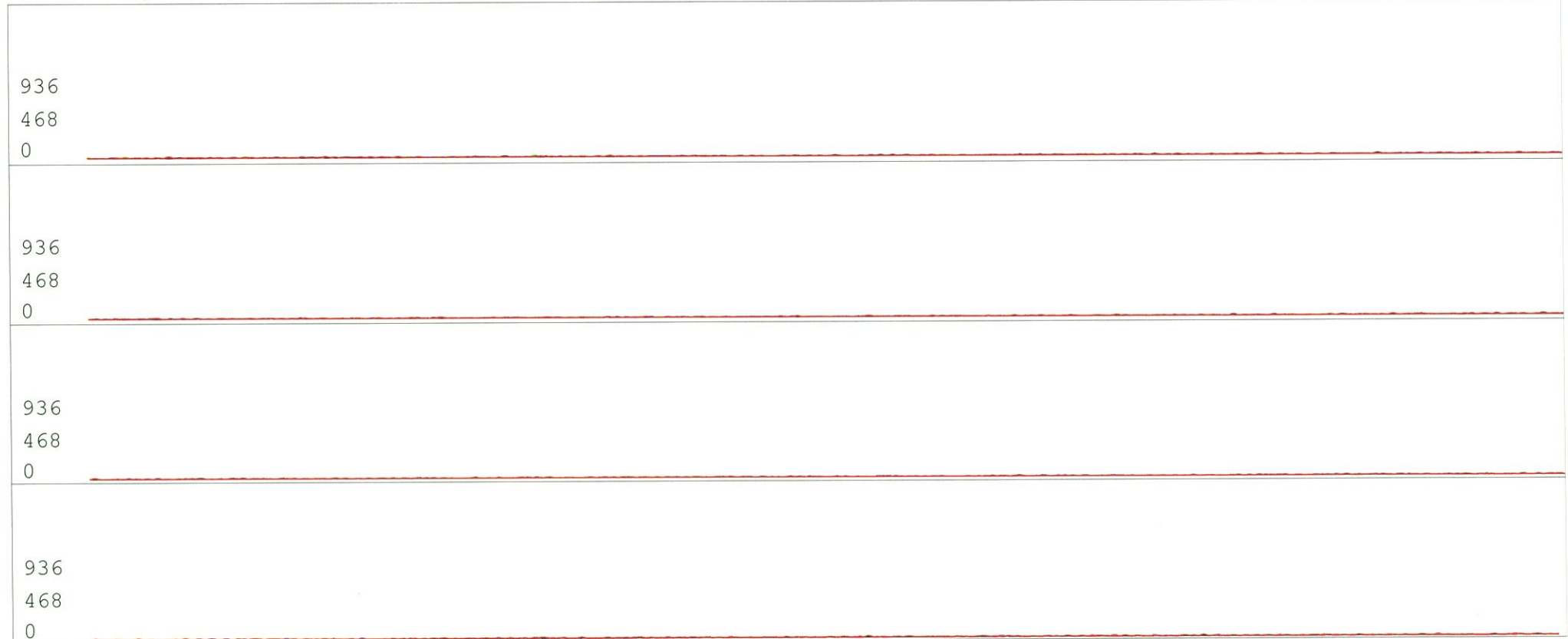
Spacing:12.03 Pts/Panel1350

Version 5.4 HiSQV Bases: 524

Plate Name: 20140605\_mix



S/N G:66 A:62 T:38 C:70  
KB.bcp  
KB 1.4.1.8 Cap:13



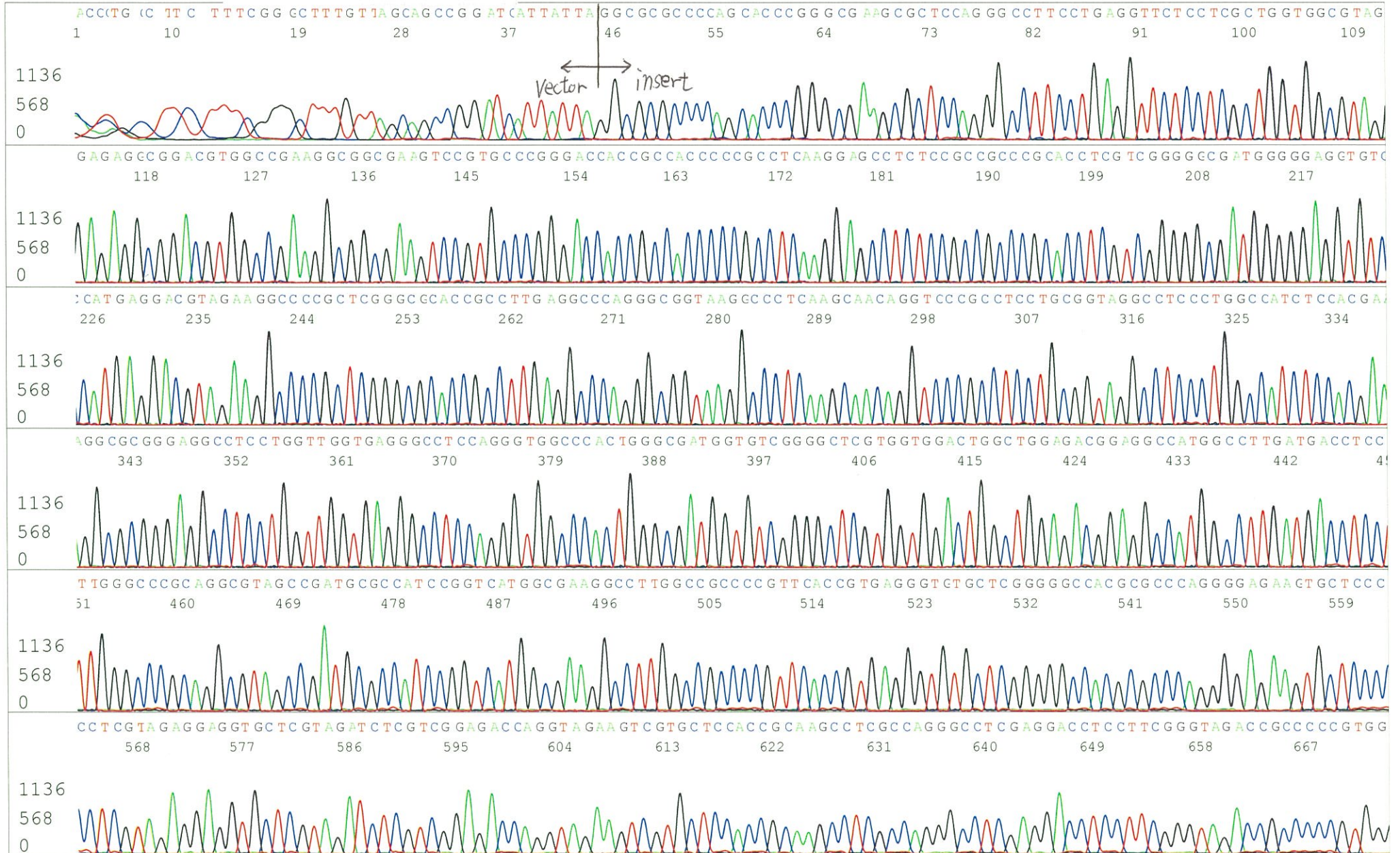
S/N G:155 A:130 T:93 C:177

Primer B : T7 terminator

KB.bcp

KB 1.4.1.8 Cap:16

5' GCTAGTTATTGCTCAGCGG 3'



S/N G:155 A:130 T:93 C:177  
KB.bcp  
KB 1.4.1.8 Cap:16

