

RIKEN Clone ID : W01A097G24

Vector : pENTR/D-TOPO

Gene	CTBP2	
Accession No.	BC037900.2	2147 bp
	CDS	1542 bp
		206..1747

● Plasmid DNA purification

Date : 130225

Culture : LB (25 ug/ml Kanamycin) 5 ml -> at 37 deg C over night

Date : 130226

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

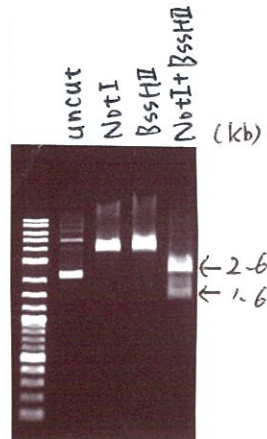
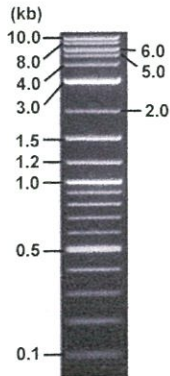
Date : 130227

DNA concentration (O.D.): 95 ng/ul

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

Electrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder (NEB#N3200L)



<Expected size of fragment from BC037900.2 CDS>

2553, 1642 bp

● Confirmation of the insertion sequence

Date : 130228

Primer A	M13
Primer B	T7 long
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Adjustment of DNA concentration

Shipping amount : 40 ul

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

Date : 130315

DNA (<u>95</u> ng/ul)	<u>86</u>	ul
10x TE	<u>32.7</u>	ul
dH ₂ O	<u>208.1</u>	ul
Total	<u>326.8</u>	ul



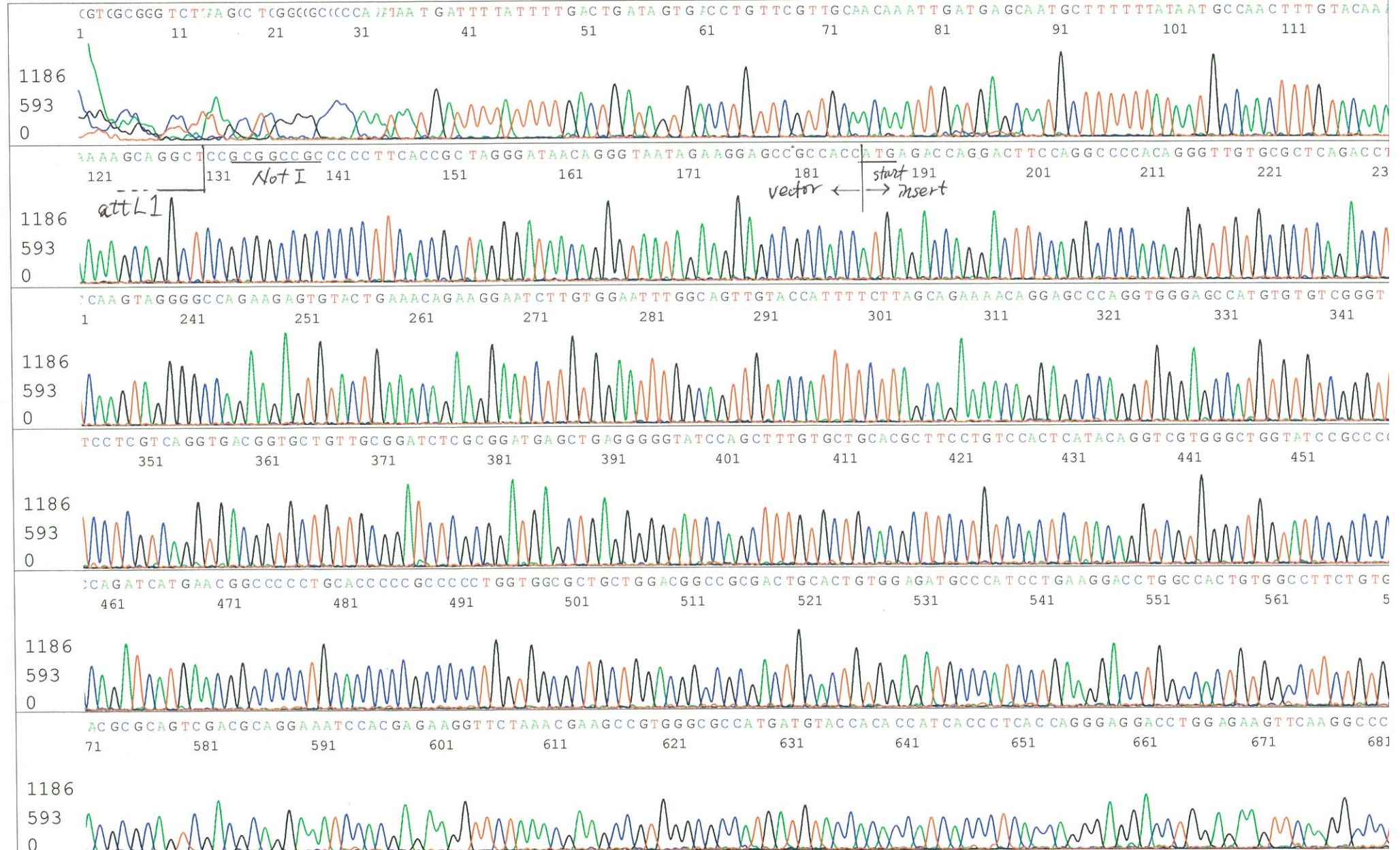
APPROVED BY :

<http://dna.brc.riken.jp/index.html>

S/N G:23 A:16 T:15 C:15
KB.bcp
KB 1.4.1.8 Cap:22

Primer A : M13

5' GTTTTCCAGTCACGACGTTGTA 3'



S/N G:104 A:55 T:62 C:5' Primer B : T7 long
KB.bcp
KB 1.4.1.8 Cap:23 5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

