

RIKEN Clone ID : IRAL014A02

Lot#: 7566_A7Ht

Vector : pOTB7

Gene	CETN2	
Accession No.	BC013873.2	1108 bp
	<i>CDS</i>	519 bp

● Plasmid DNA purification

Date : 170829

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

Date : 170831

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 170831

DNA concentration (O.D.): 52 ng/ul

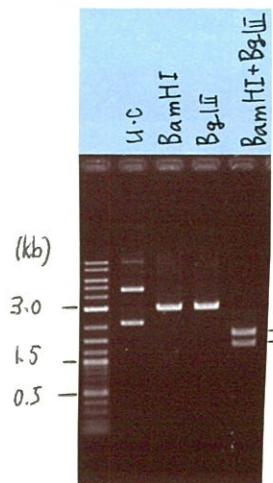
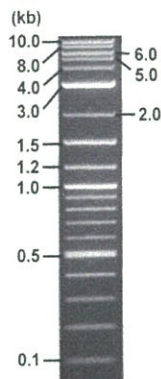
< Size of fragment expected from this clone >

DNA	1.6	ul
Enzyme (BamHI + BglIII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	6.4	ul
Total	10	ul

BamHI	2.9	kb
BglIII	2.9	kb
BamHI + BglIII	1.6kb (Vector)	1.3

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 170901

DNA (<u>52</u> ng/ul)	82.0	ul
10x TE	17.0	ul
dH ₂ O	71.5	ul
Total	170.5	ul

● Confirmation of the insertion sequence

Date : 170831

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

Conc. : 25 ng/μl, Volume : 40 μl

Conc. : ng/μl, Volume : μl

APPROVED BY :

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



S/N G:188 A:225 T:183 C:225

Primer A: pOTB7-F

IRAL014A02_A7Ht_pOTB7_F

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Aug 31,2017 03:11PM, JST

KB.bcp

5' AACGCGGCTACAATTAATACATAAACC 3'

Pts 1695 to 8559 Pk1 Loc:1663

Version 6.0 HiSQV Bases: 719

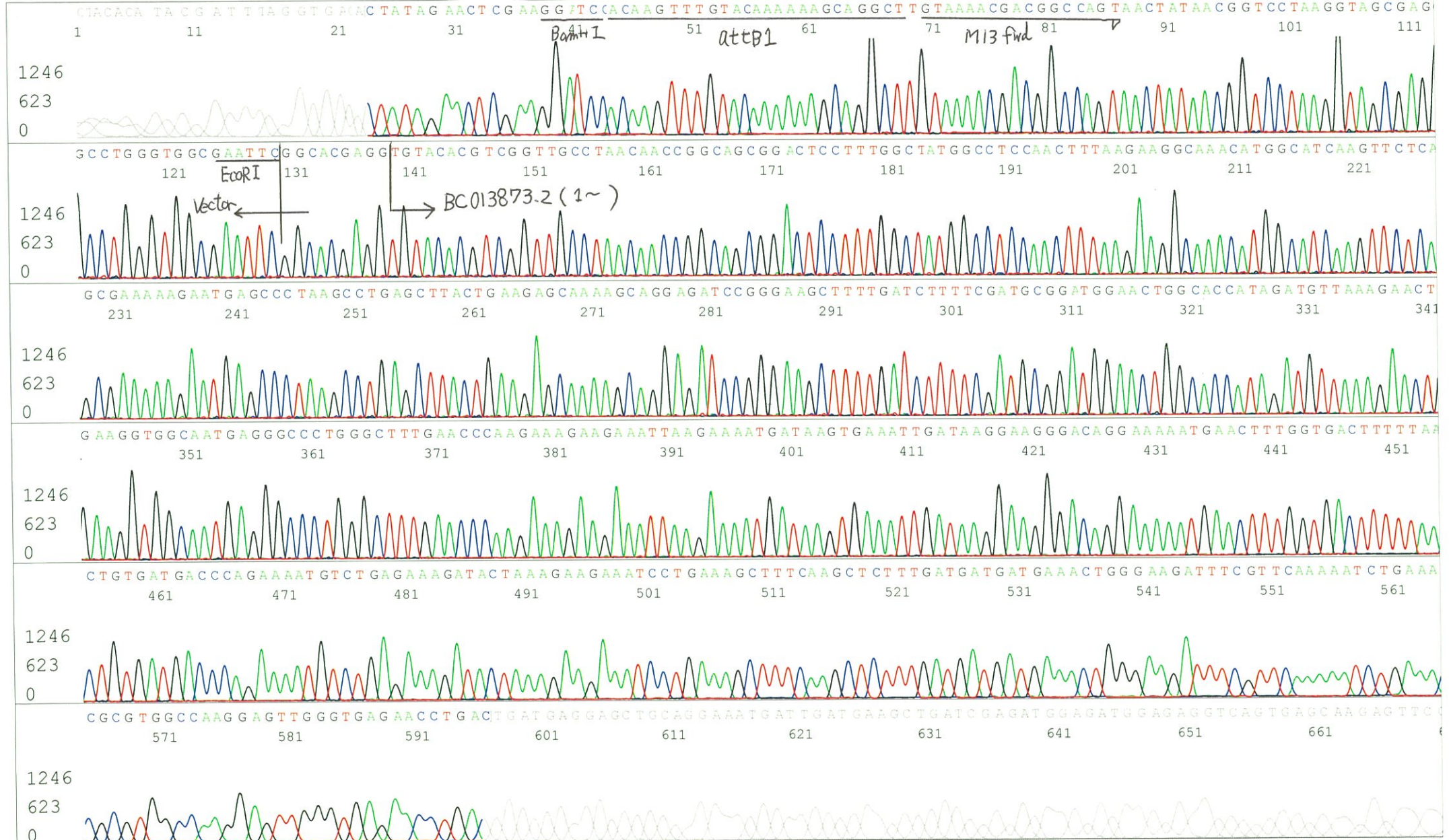
(QV) < 40.

Aug 31,2017 03:26PM, JST

KB 1.4.1.8 Cap:9

Spacing:10.4 Pts/Panel1350

Plate Name: 20170831_GNP



S/N G:210 A:264 T:222 C:239
KB.bcp
KB 1.4.1.8 Cap:12

Primer B: pOTB7-R
5' GTACTGCAGCCGATTCATTAATGC 3'

IRAL014A02_A7Ht_pOTB7_R_D03_12_ABI24
IRAL014A02_A7Ht_pOTB7_R
KB_3500_POP7_BDTv3.mob
Pts 1680 to 8592 Pk1 Loc:1648
Version 6.0 HiSQV Bases: 695

Gray line indicates quality value
(QV) < 40.

Inst Model/Name 3500/3500 Instrument
Aug 31,2017 03:11PM, JST
Aug 31,2017 03:26PM, JST
Spacing:10.34 Pts/Panel1350
Plate Name: 20170831_GNP

