

E9

Lot# : 6608_B0Cu

RIKEN Clone ID : RBdS022N15

Vector : pGCAP10

| | | |
|-------------|-------------|---------|
| Gene | EN2 | |
| RefSeq_mRNA | NM_001427.4 | 3395 bp |

● Plasmid DNA purification

Date : 20.03.30

Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 20.03.31

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 20.03.31

DNA concentration (O.D.): 359 ng/ul

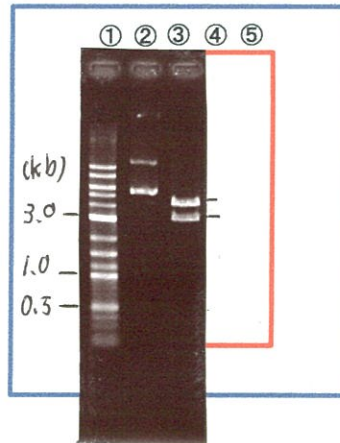
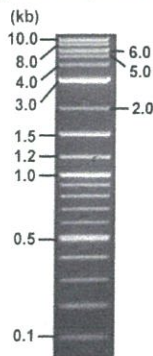
< Size of fragment expected from this clone >

| | |
|-------------------|---------------|
| DNA | <u>0.3</u> ul |
| Enzyme (BamHI) | 1 ul |
| Buffer H | 1 ul |
| dH ₂ O | <u>7.7</u> ul |
| Total | 10 ul |

BamHI 3.1kb (vector), 3.6 kb (unsure)

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



①:Marker
②:uncut
③:BamHI

● Confirmation of the insertion sequence

Date : 21.03.29

| | |
|----------------------------|---|
| Primer A | pGCAP-F |
| Primer B | pGCAP-R |
| Primer C | Poly(A) region |
| List of Sequencing Primers | http://dna.brc.riken.jp/en/NRCDhum2en.html |

● Adjust plasmid DNA solution to 25 ng/ul

Date : 21.03.30

| | |
|-------------------------|-----------------|
| DNA (<u>359</u> ng/ul) | <u>68.0</u> ul |
| 10x TE | <u>97.6</u> ul |
| dH ₂ O | <u>810.8</u> ul |
| Total | <u>976.4</u> ul |

● Shipping

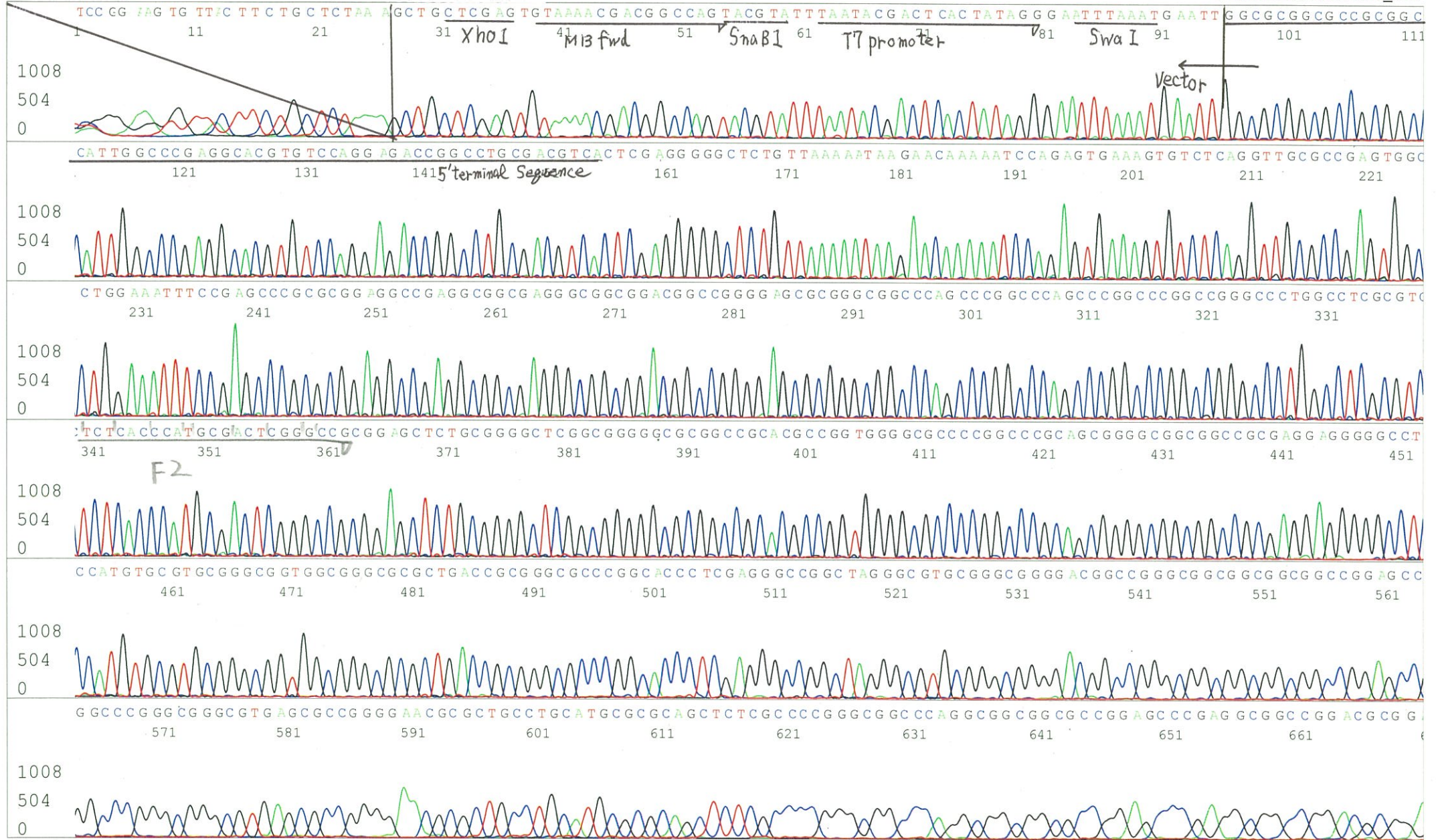
Conc. : 25 ng/μl, Volume : 40 μl

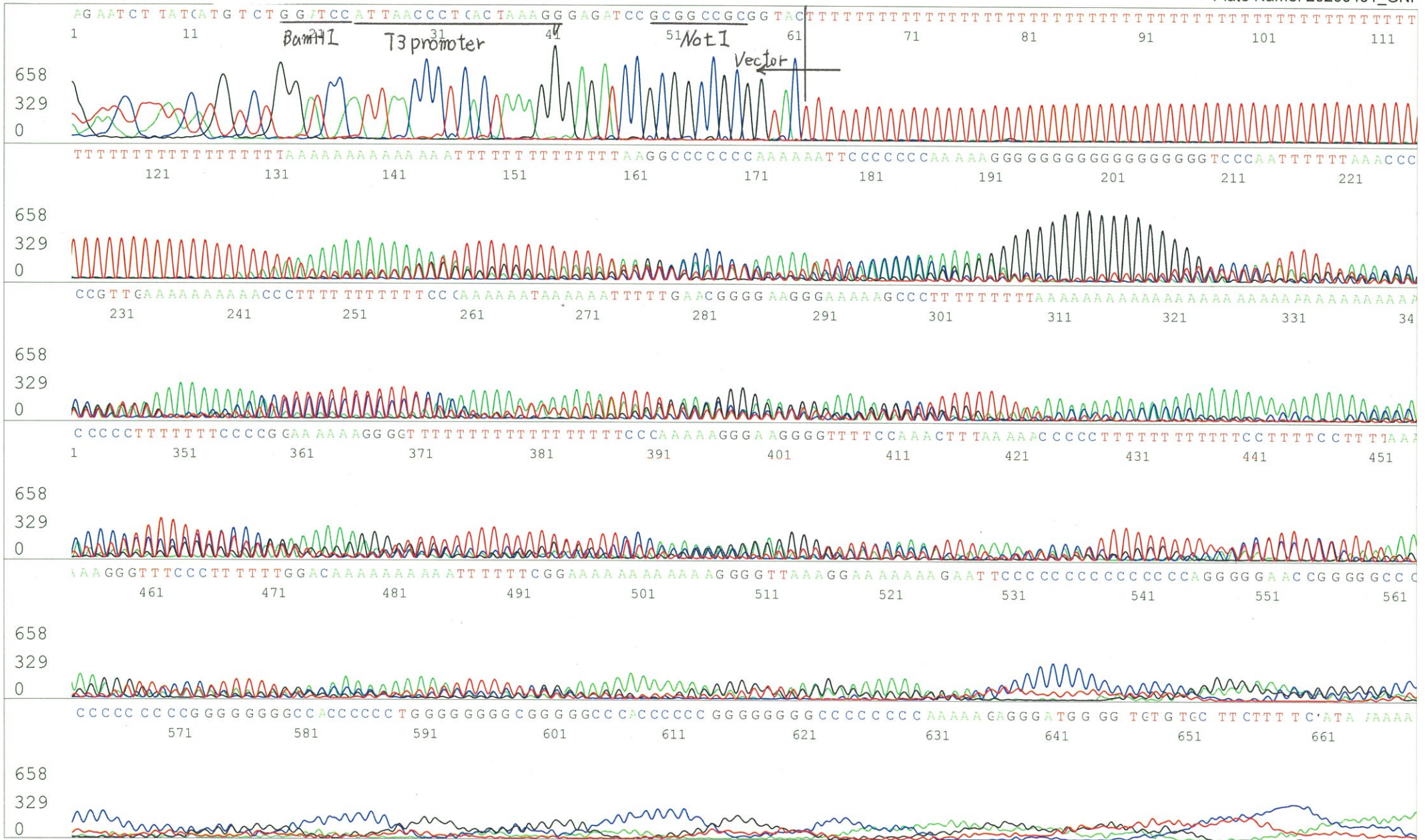
~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :



S/N G:207 A:155 T:85 C:253
KB.bcp
KB 1.4.1.8 Cap:2
Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'





S/N G:9 A:10 T:8 C:8

KB.bcp

KB 1.4.1.8 Cap:4

Primer C : Poly(A) region primer #0

5' TTTTTTTTTTTTTTTTTTTTTT VNN 3'

6608_RBdS022N15_B0Cu_GNP Mixture

KB_3500_POP7_BDTv3.mob

Pts 1729 to 8611 Pk1 Loc:1697

Version 6.0 HiSQV Bases: 462

Apr 01,2020 09:51AM, JST

Apr 01,2020 10:15AM, JST

Spacing:10.45 Pts/Panel1350

Plate Name: 20200401_GNP

