

RIKEN Clone ID : IRAK015D10

Lot#: 7893_A8HI

Vector : pCMV-SPORT6

| | | |
|---------------|------------|---------|
| Gene | AP1M1 | |
| Accession No. | BC017469.2 | 2308 bp |
| | <i>CDS</i> | 1272 bp |

● Plasmid DNA purification

Date : 180822

Culture : LB (100 ug/ml Ampicillin) 5 ml → at 37 deg C over night

Date : 180823

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180823

DNA concentration (O.D.): 253 ng/ul

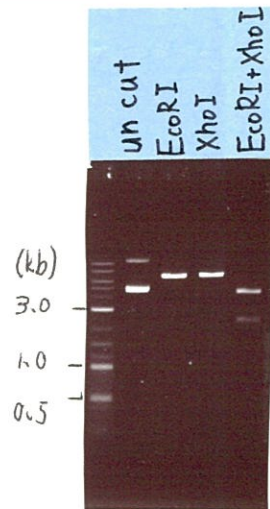
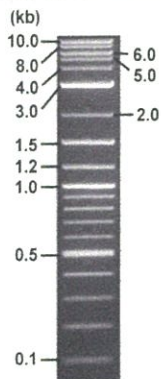
< Size of fragment expected from this clone >

| | |
|-----------------------|---------------|
| DNA | <u>0.4</u> ul |
| Enzyme (EcoRI + XhoI) | 0.5 + 0.5 ul |
| Buffer H | 1 ul |
| dH ₂ O | <u>7.6</u> ul |
| Total | 10 ul |

| | |
|--------------|----------------------------|
| EcoRI | 6.7 kb |
| XhoI | 6.7 kb |
| EcoRI + XhoI | 4.3kb (Vector) 2.4 kb |

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180903

| | |
|-------------------------|-----------------|
| DNA (<u>253</u> ng/ul) | <u>88.0</u> ul |
| 10x TE | <u>89.0</u> ul |
| dH ₂ O | <u>713.5</u> ul |
| Total | <u>890.5</u> ul |

● Confirmation of the insertion sequence

Date : 180828

| | |
|----------------------------|---|
| Primer A | Reverse2 |
| Primer B | M13 |
| Primer C | - |
| List of Sequencing Primers | http://dna.brc.riken.jp/en/GNPclone3en.html |

● Shipping

Conc. : 25 ng/ul, Volume : 40 ul

Conc. : ng/ul, Volume : ul

APPROVED BY :

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

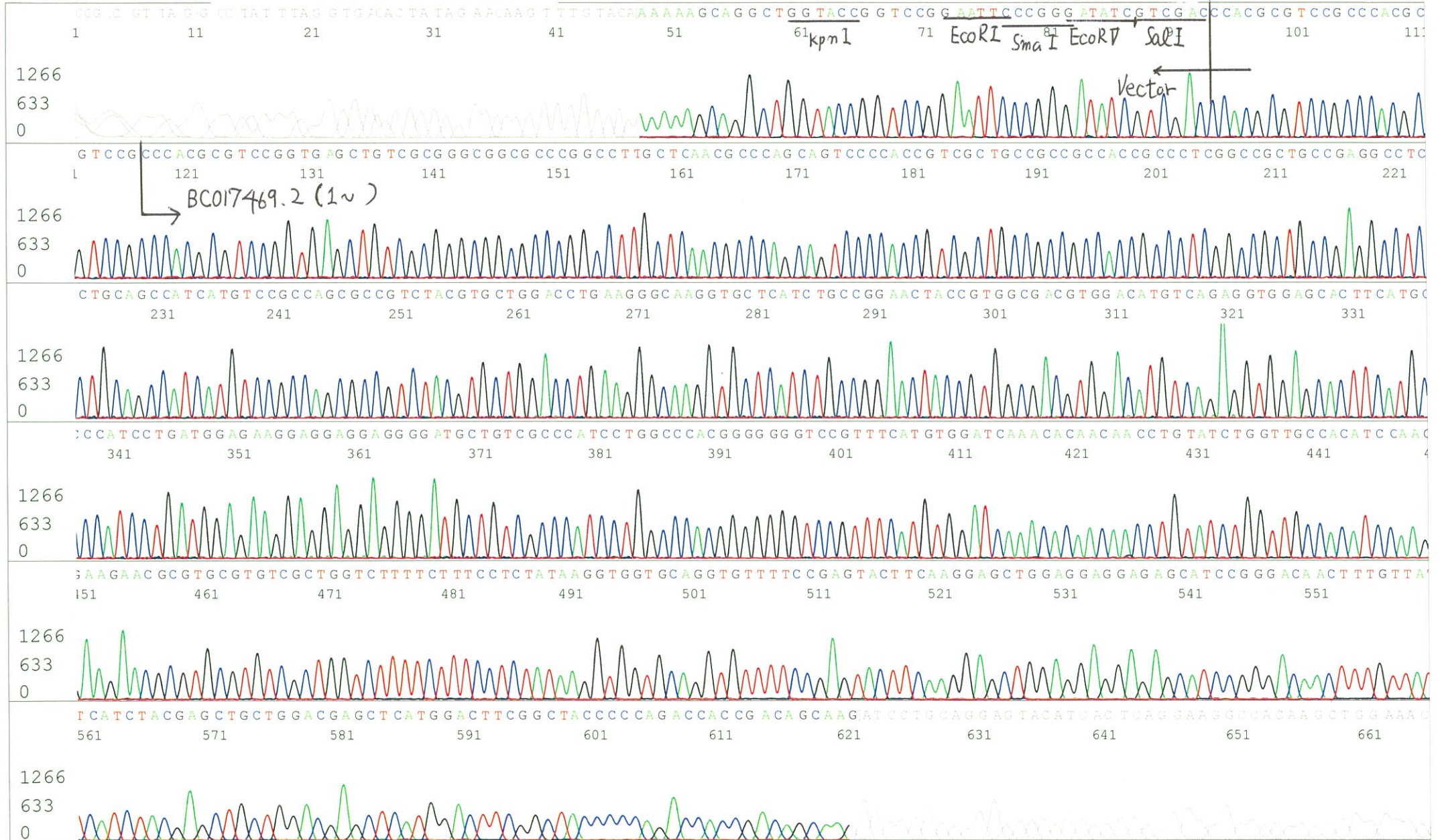


S/N G:291 A:235 T:200 C:47
KB.bcp
KB 1.4.1.8 Cap:5

Primer A : Reverse2

5' GCGGATAACAATTTACACAGG 3'

Gray line indicates quality value
(QV) < 40.



S/N G:76 A:114 T:94 C:202

Primer B : M13

IRAK015D10_A8HI_M13

Aug 28,2018 09:59AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Aug 28,2018 10:29AM, JST

KB 1.4.1.8 Cap:8

5' GTTTTCCCAGTCACGACGTTGTA 3'

Pts 1751 to 8706 Pk1 Loc:1719

(QV) < 40.

Spacing:10.47 Pts/Panel1350

Plate Name: 20180828_GNP

