

RIKEN Clone ID : ARe15G03

Vector : pKA1U5

Gene	ACOT8	
RefSeq_mRNA	NM_005469.4	1154 bp

● Plasmid DNA purification

Date : 191219

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

Date : 191220

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 191220

DNA concentration (O.D.): 295 ng/ul

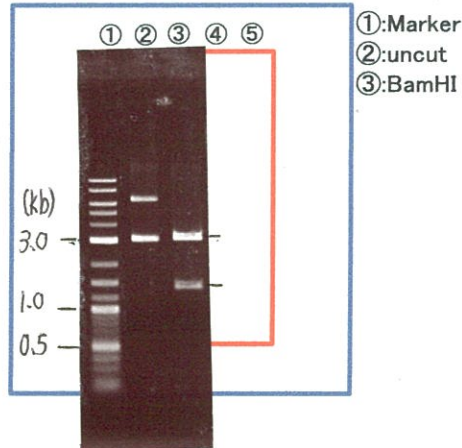
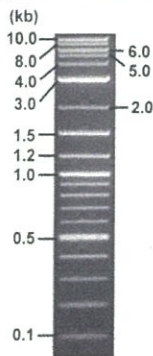
< Size of fragment expected from this clone >

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), 1.4 kb (unsure)

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 191223

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 : 21.04.01

DNA (<u>295</u> ng/ul)	<u>86.0</u> ul
10x TE	<u>101.4</u> ul
dH ₂ O	<u>827.4</u> ul
Total	<u>1014.8</u> ul

● Shipping

Conc. : 25 ng/μl, Volume : 40 μl

Conc. : ng/μl, Volume : μl



APPROVED BY :

S/N G:521 A:462 T:267 C:613 Primer A : pGCAP-F

7672_ARe15G03_A9Lk_pGCAP_F

Dec 23,2019 10:08AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Dec 23,2019 10:22AM, JST

KB 1.4.1.8 Cap:9

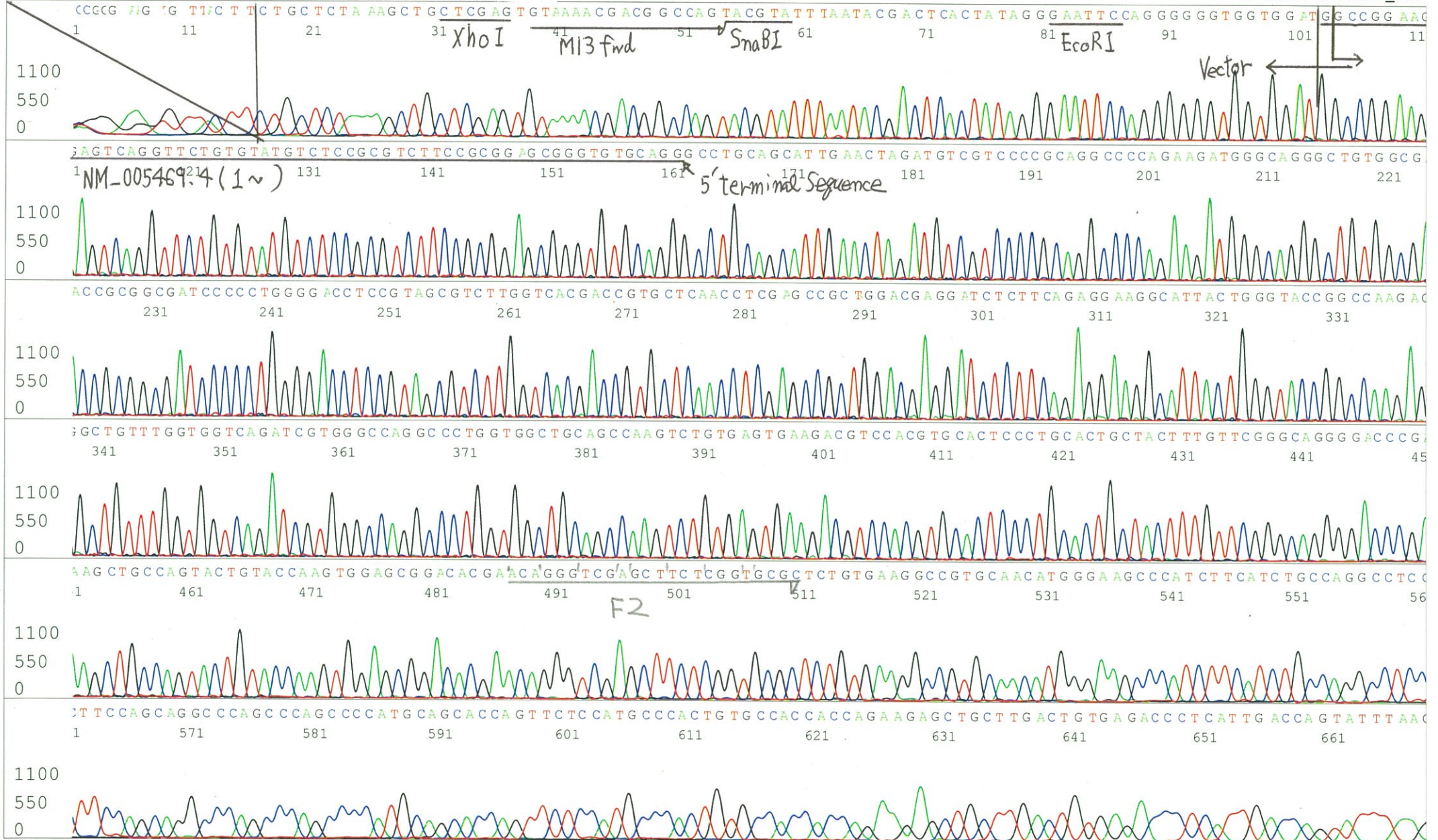
5' CTCAGTGGATGTTGCCTTTAC 3'

Pts 1756 to 8694 Pk1 Loc:1724

Version 6.0 HiSQV Bases: 662

Spacing:10.4 Pts/Panel1350

Plate Name: 20191223_GNP



S/N G:29 A:18 T:14 C:22

Primer C : Poly(A) region primer #0

7672_ARe15G03_A9Lk_GNP Mixture

Dec 23,2019 10:08AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Dec 23,2019 10:22AM, JST

KB 1.4.1.8 Cap:15

5' TTTTTTTTTTTTTTTTTTTTTNNN 3'

Pts 1706 to 8559 Pk1 Loc:1674

Spacing:10.39 Pts/Panel1350

Version 6.0 HiSQV Bases: 647

Plate Name: 20191223_GNP

