

**RIKEN Clone ID : RBd11F04**

Vector : pGCAP10

Gene	FAM152B	
RefSeq_mRNA	NM_015704.3	3780 bp

● Plasmid DNA purification

Date : 2020.01.23

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

Date : 2020.01.24

Purification : QIAGEN Miniprep kit -> dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 2020.01.24

DNA concentration (O.D.): 184 ng/ul

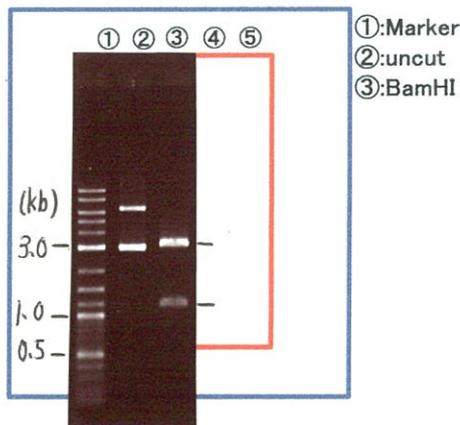
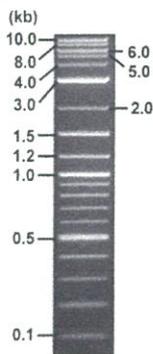
< Size of fragment expected from this clone >

DNA	0.5 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH <sub>2</sub> O	7.5 ul
<b>Total</b>	<b>10 ul</b>

BamHI 3.1kb (vector), 4.0 kb (unsure)

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 2021.04.28

Primer A	pGCAP-F
Primer B	pGCAP-R
Primer C	Poly(A) region
List of Sequencing Primers	<a href="http://dna.brc.riken.jp/en/NRCDhum2en.html">http://dna.brc.riken.jp/en/NRCDhum2en.html</a>

● Adjust plasmid DNA solution to 25 ng/ul

Date : 21.04.01

DNA (184 ng/ul)	82.0 ul
10x TE	60.3 ul
dH <sub>2</sub> O	461.2 ul
<b>Total</b>	<b>603.5 ul</b>

● Shipping



Conc. : 25 ng/μl, Volume : 40 μl



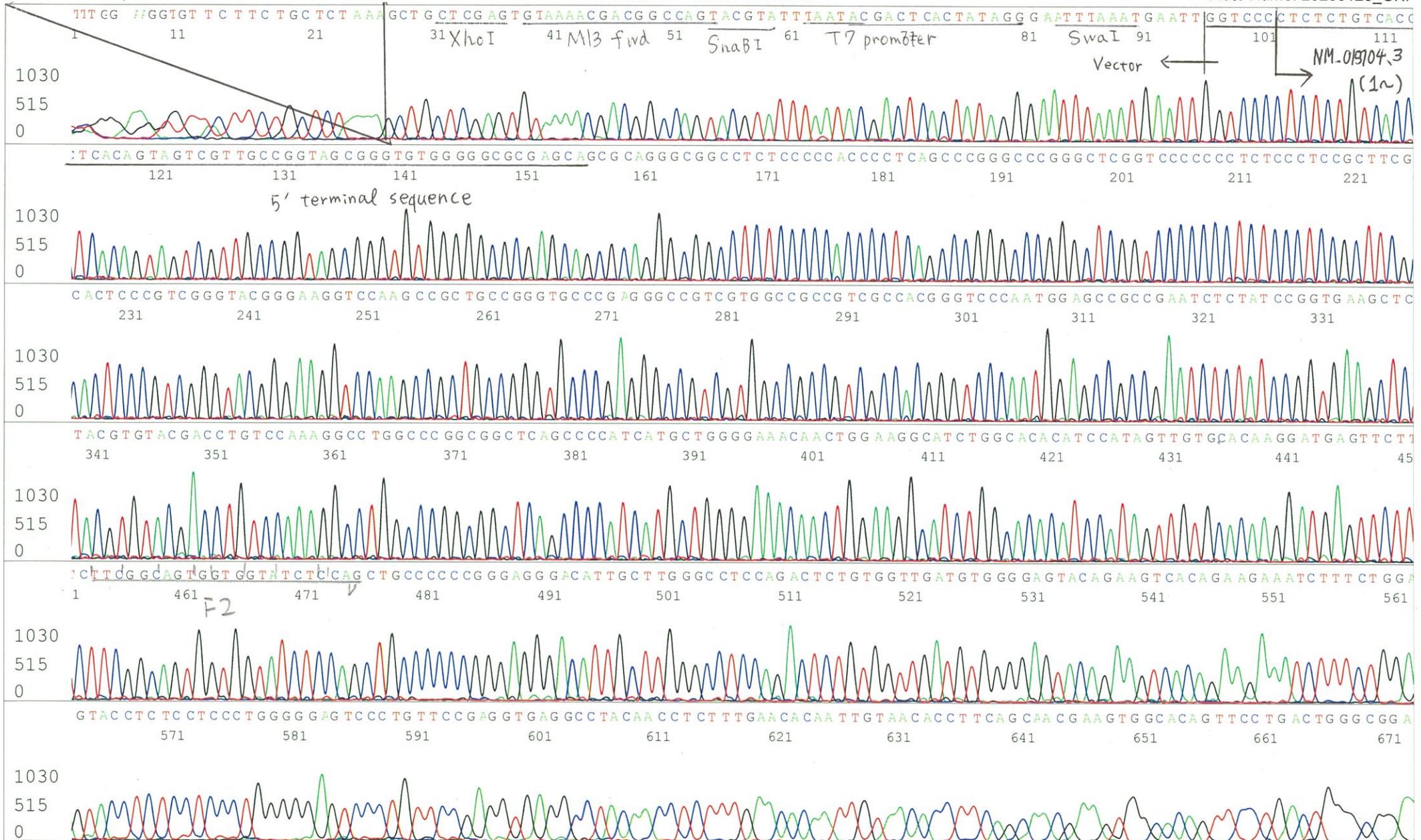
~~Conc. : \_\_\_ ng/μl, Volume : \_\_\_ μl~~



APPROVED BY :

S/N G:88 A:69 T:54 C:97  
KB.bcp  
KB 1.4.1.8 Cap:19

Primer A : pGCAP-F  
5' CTCAGTGGATGTTGCCTTTAC 3'





S/N G:12 A:11 T:7 C:7  
KB.bcp  
KB 1.4.1.8 Cap:6'

Primer C : Poly(A) region primer #0  
5' TTTTTTTTTTTTTTTTTTTTTTNN 3'

