

RIKEN Clone ID : RBb30E03

Vector : pGCAP1

Gene	MAP1D	
RefSeq_mRNA	NM_199227.3	3049 bp

● **Plasmid DNA purification**

Date : 20.10.21

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

Date : 20.10.22

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● **Digestion by restriction enzyme/Concentration calibration**

Date : 20.10.22

DNA concentration (O.D.): 124 ng/ul

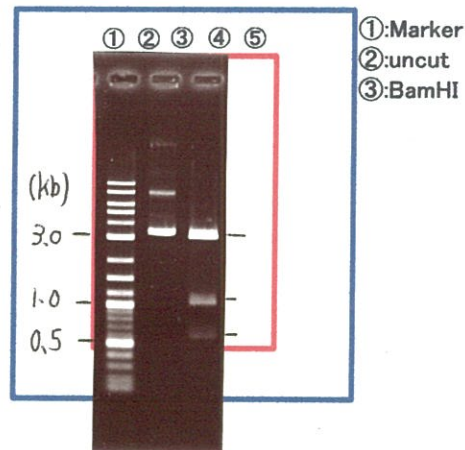
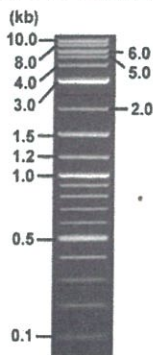
< Size of fragment expected from this clone >

DNA	<u>0.8</u> ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH ₂ O	<u>7.2</u> ul
Total	10 ul

BamHI 3.1kb (vector), 2.2, 1.1 kb (unsure)

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● **Confirmation of the insertion sequence**

Date : 21.03.01

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>124</u> ng/ul)	<u>85.0</u> ul
10x TE	<u>42.1</u> ul
dH ₂ O	<u>244.5</u> ul
Total	421.6 ul

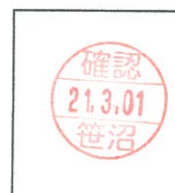
● **Shipping**



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

~~Conc. : ___ ng/ul, Volume : ___ ul~~

APPROVED BY :



S/N G:186 A:337 T:213 C:27 Primer A : pGCAP-F

7676_RBb30E03_B0JI_pGCAP_F

Oct 23,2020 09:53AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Oct 23,2020 10:08AM, JST

KB 1.4.1.8 Cap:3

5' CTCAGTGGATGTTGCCTTTAC 3'

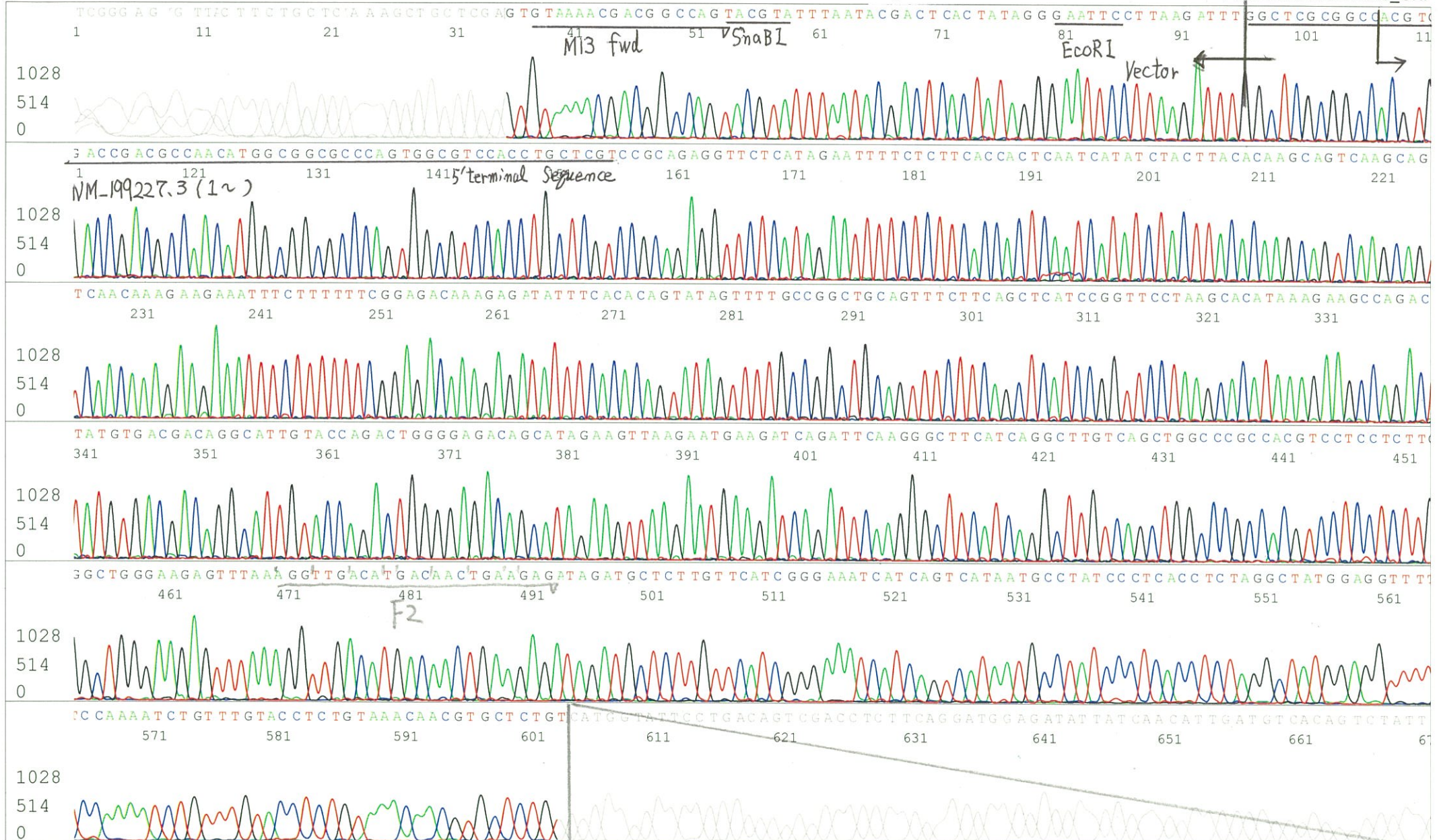
Pts 1808 to 8707 Pk1 Loc:1776

(QV) < 40.

Spacing:10.52 Pts/Panel1350

Version 6.0 HiSQV Bases: 674

Plate Name: 20201023_GNP



S/N G:29 A:34 T:29 C:37

7676_RBb30E03_B0JI_pGCAP_R

Oct 23,2020 09:53AM, JST

KB.bcp

Primer B : pGCAP-R

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Oct 23,2020 10:08AM, JST

KB 1.4.1.8 Cap:6

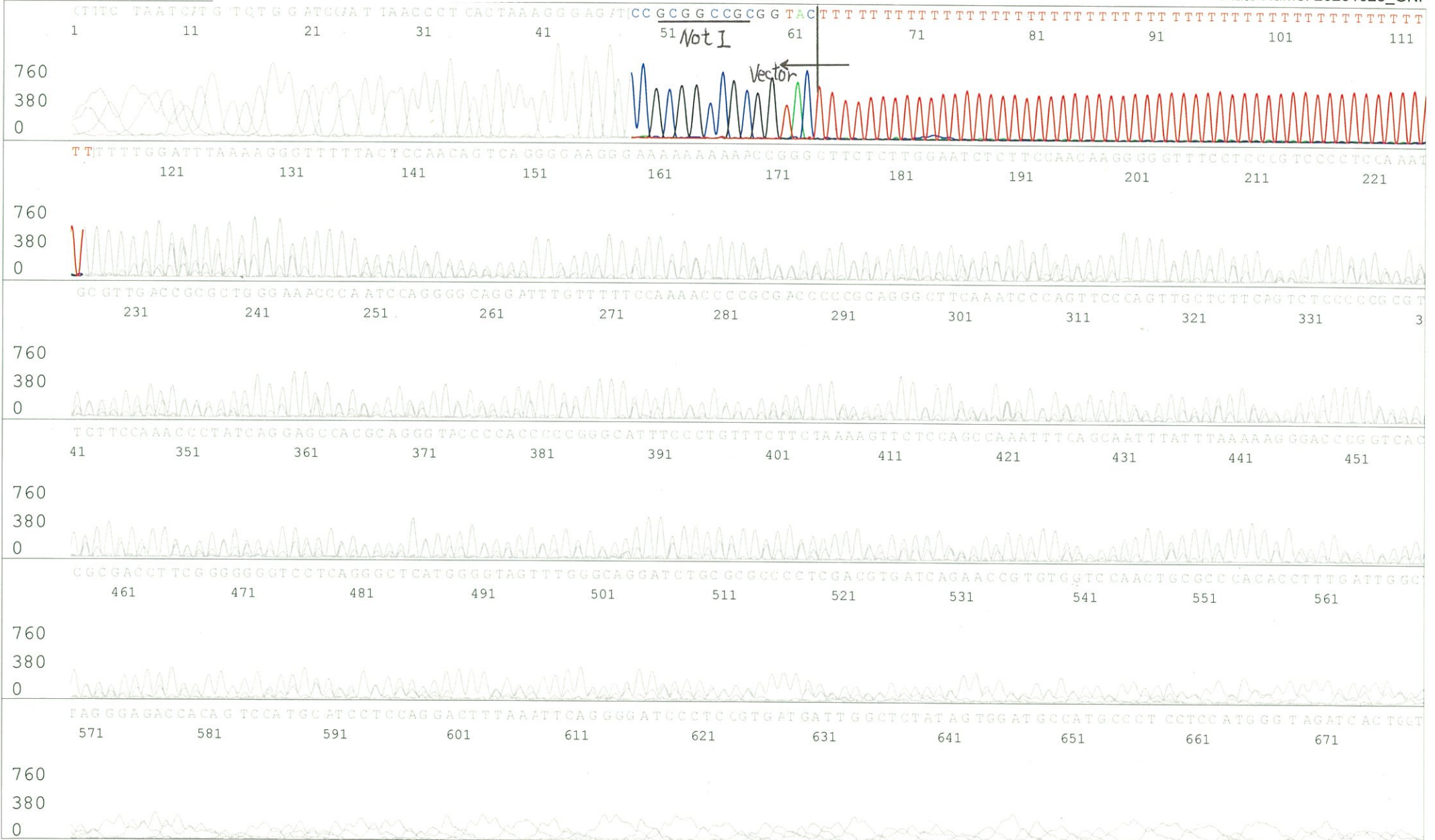
5' GCATTCTAGTTGTGGTTTGTCC 3'

Pts 1791 to 8707 Pk1 Loc:1759

(QV) < 40.

Spacing:10.42 Pts/Panel1350

Plate Name: 20201023_GNP



S/N G:51 A:53 T:32 C:56
KB.bcp
KB 1.4.1.8 Cap:9

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

7676_RBb30E03_B0JI_GNP Mixture_C03_09_ABI24
7676_RBb30E03_B0JI_GNP Mixture
KB_3500_POP7_BDTv3.mob
Pts 1780 to 8707 Pk1 Loc:1748
Version 6.0 HiSQV Bases: 661 (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Oct 23,2020 09:53AM, JST
Oct 23,2020 10:08AM, JST
Spacing:10.48 Pts/Panel1350
Plate Name: 20201023_GNP

Gray line indicates quality value
(QV) < 40.

