

RIKEN Clone ID : ARiS191L09

Vector : pGCAP10

Gene	PQLC2
RefSeq_mRNA	NM_001040125.2 2175 bp

● Plasmid DNA purification

Date : 21.02.08

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

Date : 21.02.09

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 21.02.09

DNA concentration (O.D.): 290 ng/ul

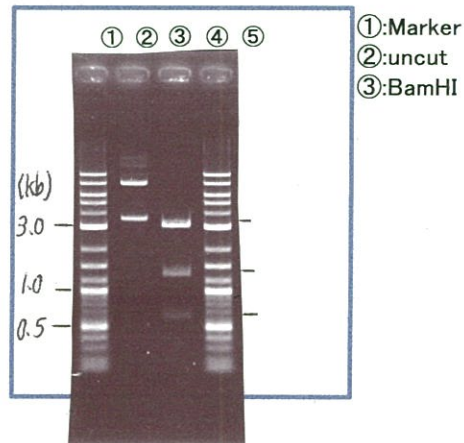
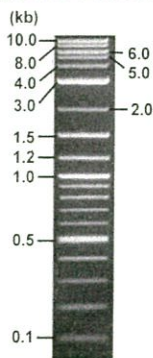
< Size of fragment expected from this clone >

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), 1.3, 0.6 kb (unsure)

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 21.02.10

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 : 21.02.10

DNA (<u>290</u> ng/ul)	<u>90.0</u> ul
10x TE	<u>104.4</u> ul
dH ₂ O	<u>849.6</u> ul
Total	<u>1044.0</u> ul

● Shipping

Conc. : 25 ng/μl, Volume : 40 μl

~~Conc. : _____ ng/μl, Volume : _____ μl~~

APPROVED BY :



S/N G:26 A:23 T:21 C:30

Primer A : pGCAP-F

6607_ARIS191L09_B1B5_pGCAP_F

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Feb 10,2021 10:29AM, JST

KB.bcp

5' CTCAGTGGATGTTGCCTTTAC 3'

Pts 1733 to 8703 Pk1 Loc:1701

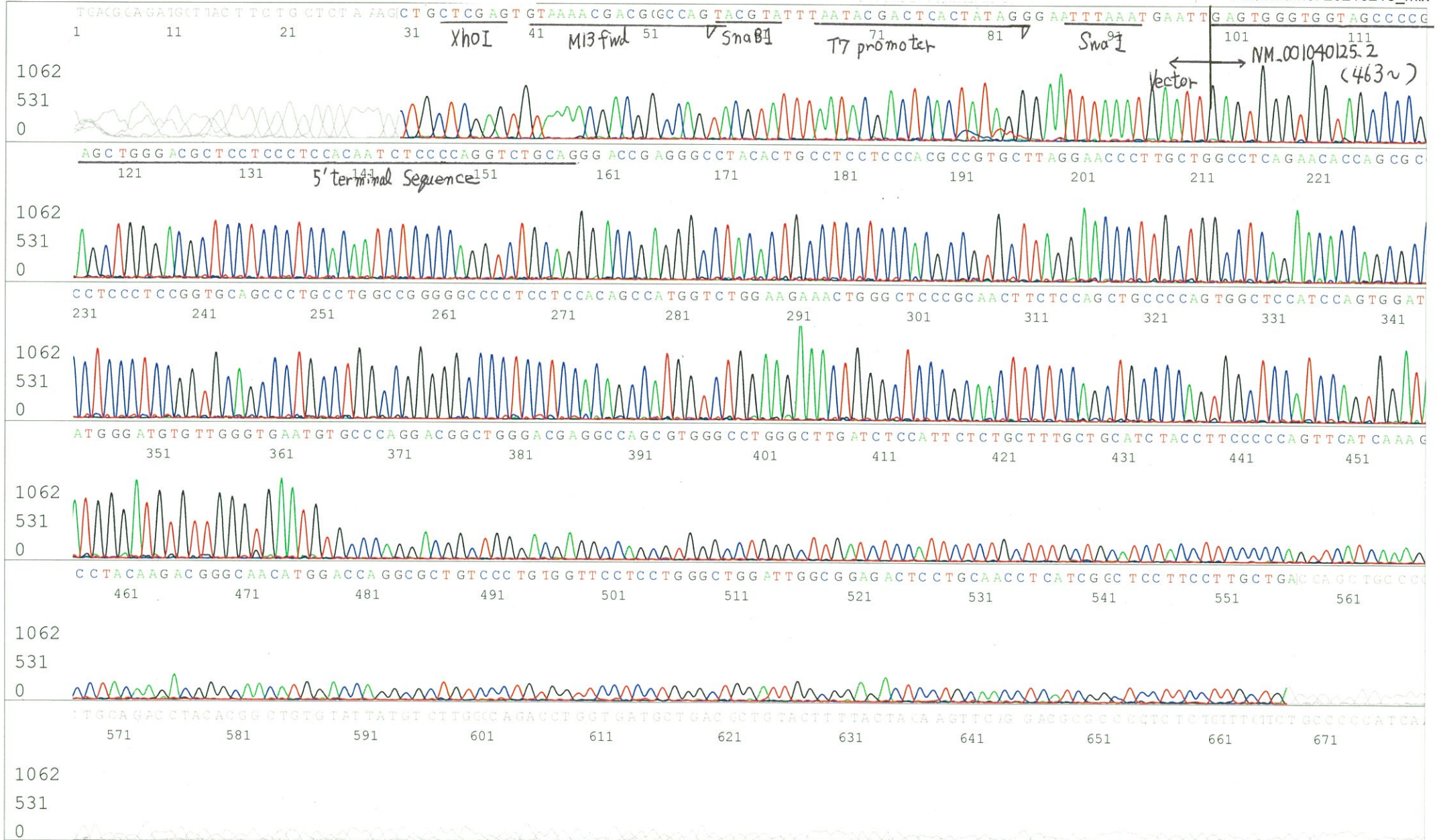
Feb 10,2021 10:45AM, JST

KB 1.4.1.8 Cap:3

Version 6.0 HiSQV Bases: 650 (QV) < 40.

Spacing:10.85 Pts/Panel1350

Plate Name: 20210210_mix



S/N G:8 A:8 T:11 C:9

Primer B : pGCAP-R

6607_ARIS191L09_B1B5_pGCAP_R

Feb 10,2021 10:29AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Feb 10,2021 10:45AM, JST

KB 1.4.1.8 Cap:2

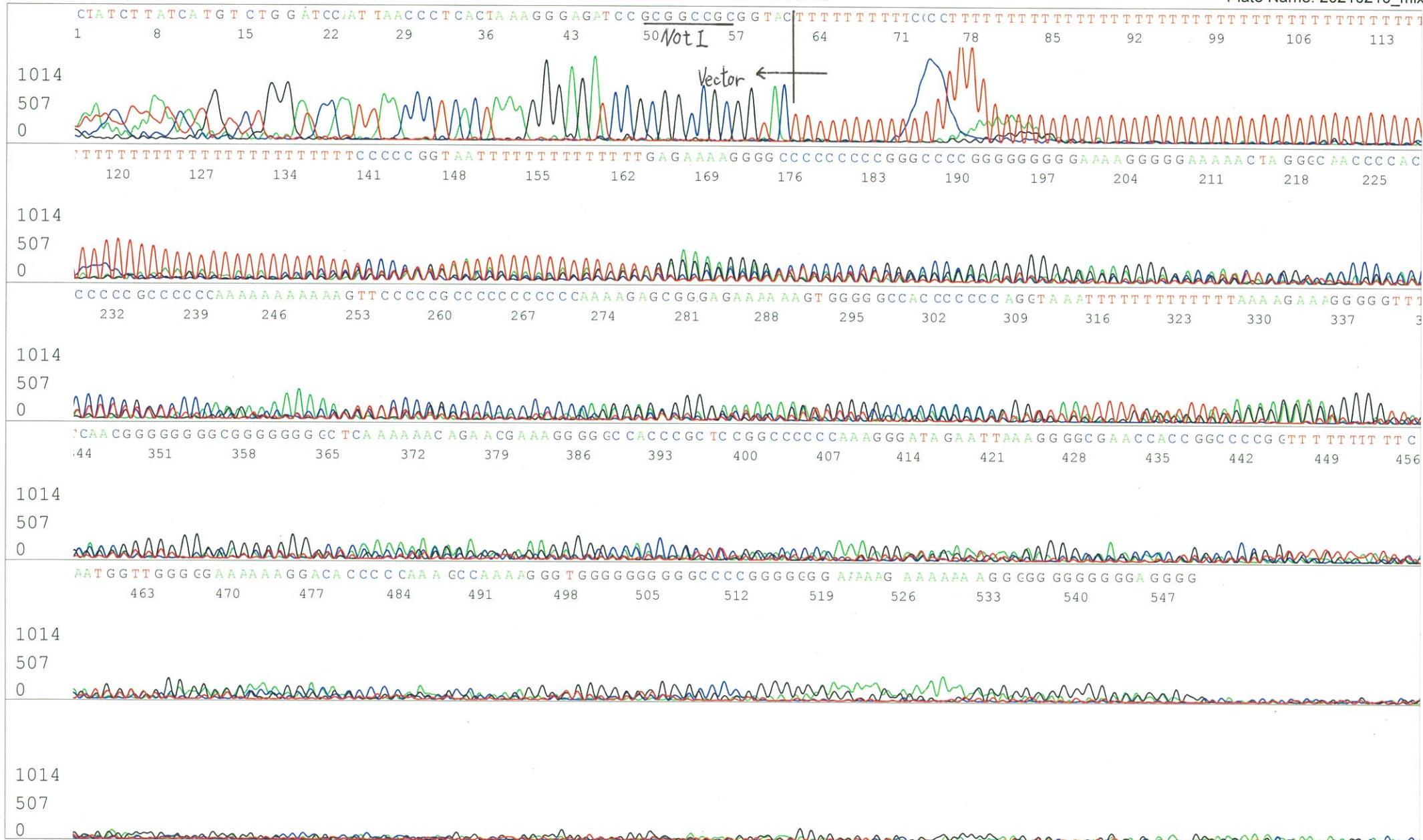
5' GCATTCTAGTTGTGGTTTGTCC 3'

Pts 1748 to 8703 Pk1 Loc:1716

Spacing:10.94 Pts/Panel1350

Version 6.0 HiSQV Bases: 72

Plate Name: 20210210_mix



S/N G:19 A:17 T:14 C:16
KB.bcp
KB 1.4.1.8 Cap:1

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

6607_ARiS191L09_B1B5_GNP Mixture_A02_01_ABI08
6607_ARiS191L09_B1B5_GNP Mixture
KB_3500_POP7_BDTv3.mob
Pts 1759 to 8703 Pk1 Loc:1727
Version 6.0 HiSQV Bases: 374

Inst Model/Name 3500/3500 Instrument
Feb 10,2021 10:29AM, JST
Feb 10,2021 10:45AM, JST
Spacing:10.93 Pts/Panel1350
Plate Name: 20210210_mix

Gray line indicates quality value
(QV) < 40.

