

RIKEN Clone ID : IRAK022J15

Lot#: 7893_B2It

Vector : pCMV-SPORT6

Gene	PIK4CA	
Accession No.	BC018120.1	3072 bp
	CDS	2713 bp

● Plasmid DNA purification

Date : 2022.09.29

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

Date : 2022.09.30

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 2022.09.30

DNA concentration (O.D.): 370 ng/ul

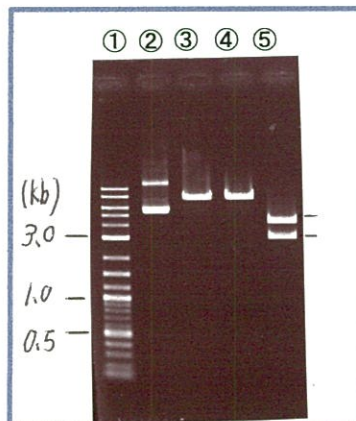
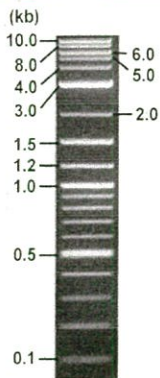
< Size of fragment expected from this clone >

DNA	0.3	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H		1 ul
dH ₂ O	7.7	ul
Total		10 ul

EcoRI	7.4	kb
XhoI	7.4	kb
EcoRI + XhoI	4.3kb (Vector)	3.1 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



①:Marker
②:uncut
③:EcoRI
④:XhoI
⑤:EcoRI + XhoI

● Adjust plasmid DNA solution to 25 ng/ul

Date : 2022.10.05

DNA (370 ng/ul)	86.0	ul
10x TE	127.2	ul
dH ₂ O	1059.6	ul
Total	1272.8	ul

● Confirmation of the insertion sequence

Date : 2022.10.03

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:10 A:11 T:8 C:12

Primer A : Reverse2

7893_IRAK022J15_B2lt_Reverse2

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Sep 30,2022 03:02PM, JST

KB.bcp

Pts 1321 to 13967 Pk1 Loc:1298

Sep 30,2022 03:31PM, JST

KB 1.4.1.8 Cap:5

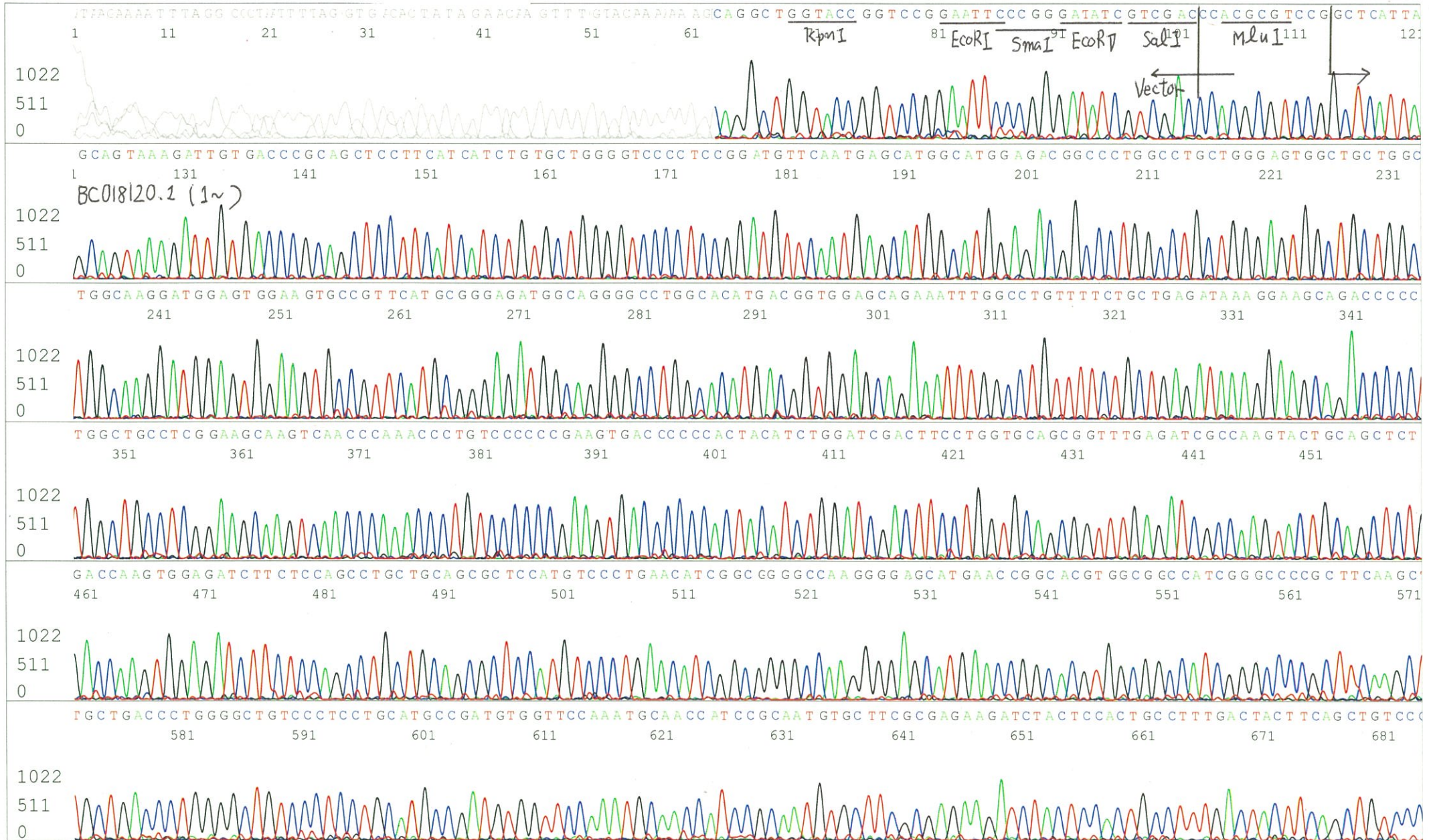
5' GCGGATAACAATTTTCACACAGG 3'

Version 6.0 HiSQV Bases: 853

(QV) < 40.

Spacing:12.44 Pts/Panel1350

Plate Name: 20220930 mix



S/N G:22 A:27 T:17 C:26

Primer B : M13

7893_IRAK022J15_B2It_M13(-40)

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Sep 30,2022 03:02PM, JST

KB.bcp

Pts 1336 to 13978 Pk1 Loc:1313

Sep 30,2022 03:31PM, JST

KB 1.4.1.8 Cap:6

5' GTTTTCCCAGTCACGACGTTGTA 3'

Version 6.0 HiSQV Bases: 944

(QV) < 40.

Spacing:12.49 Pts/Panel1350

Plate Name: 20220930 mix

