

RIKEN Clone ID : IRAK093K20

Lot#: 7893_B0D3

Vector : pCMV-SPORT6

Gene	SGSH	
Accession No.	BC047318.1	2740 bp
	<i>CDS</i>	1509 bp

● Plasmid DNA purification

Date : 20.04.06

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

Date : 20.04.07

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 20.04.07

DNA concentration (O.D.): 306 ng/ul

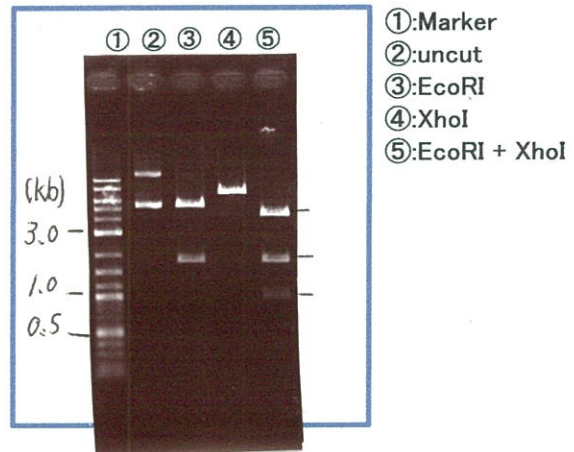
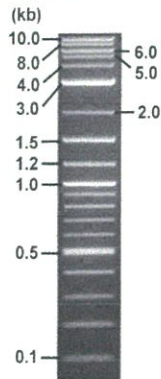
< Size of fragment expected from this clone >

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

EcoRI	5.3, 1.8 kb
XhoI	7.1 kb
EcoRI + XhoI	4.3kb (Vector) 1.8, 1.0 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : _____

DNA (<u>306</u> ng/ul)	<u>90.0</u> ul
10x TE	<u>110.1</u> ul
dH ₂ O	<u>901.5</u> ul
Total	<u>1101.6</u> ul

● Confirmation of the insertion sequence

Date : 20.04.08

Primer A	Reverse2
Primer B	M13
Primer C	poly(A) region primer #0
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

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

Conc. : _____ ng/ul, Volume : 11 ul



APPROVED BY : <http://dna.brc.riken.jp/index.html>

S/N G:128 A:95 T:86 C:19

7893_IRAK093K20_B0D3_Reverse2

Apr 08,2020 09:53AM, JST

KB.bcp

Primer A : Reverse2

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Apr 08,2020 10:09AM, JST

KB 1.4.1.8 Cap:10

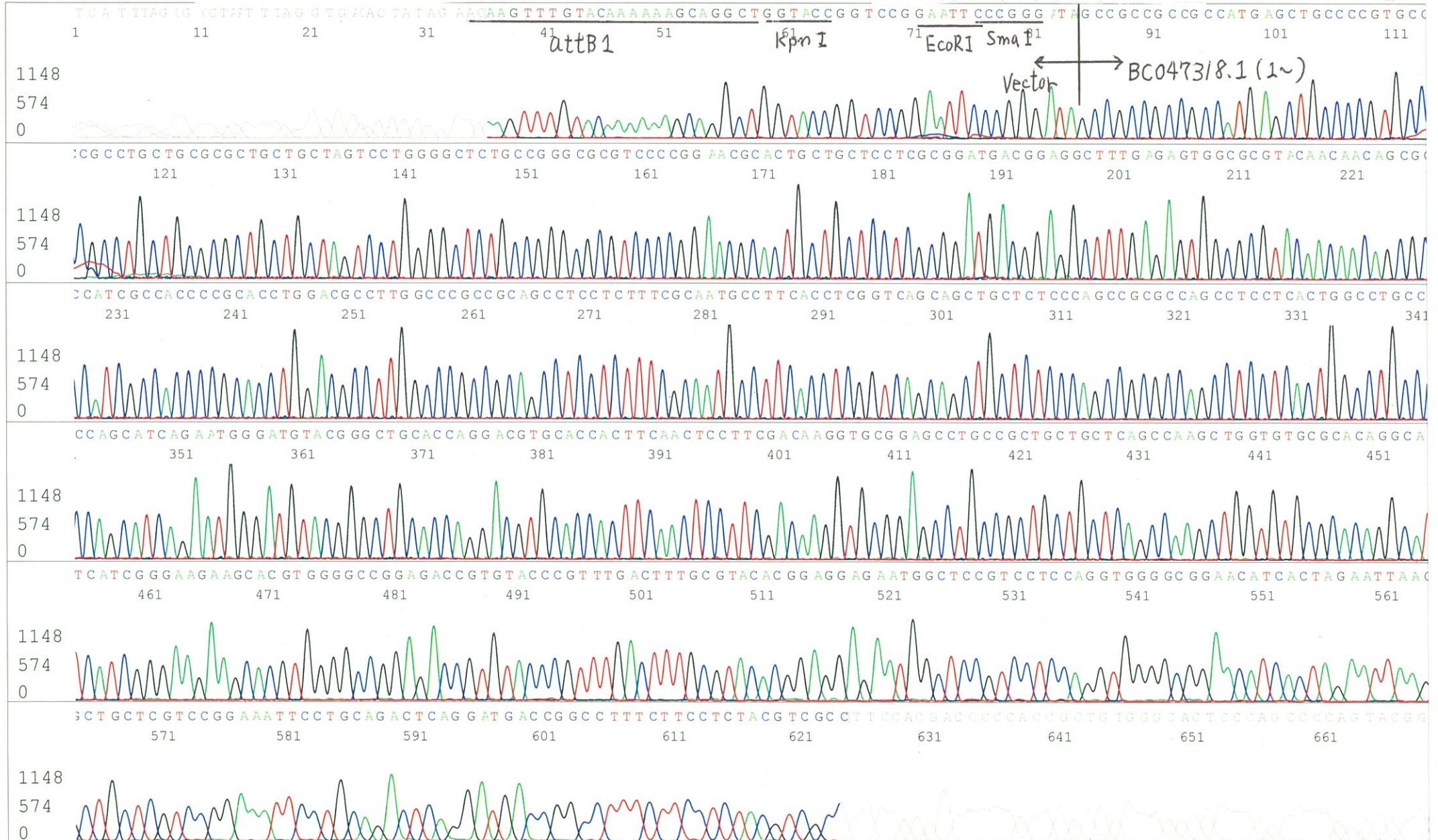
5' GCGGATAACAATTTTCACACAGG 3'

Pts 1731 to 8707 Pk1 Loc:1699

(QV) < 40.

Spacing:10.54 Pts/Panel1350

Plate Name: 20200408_GNP

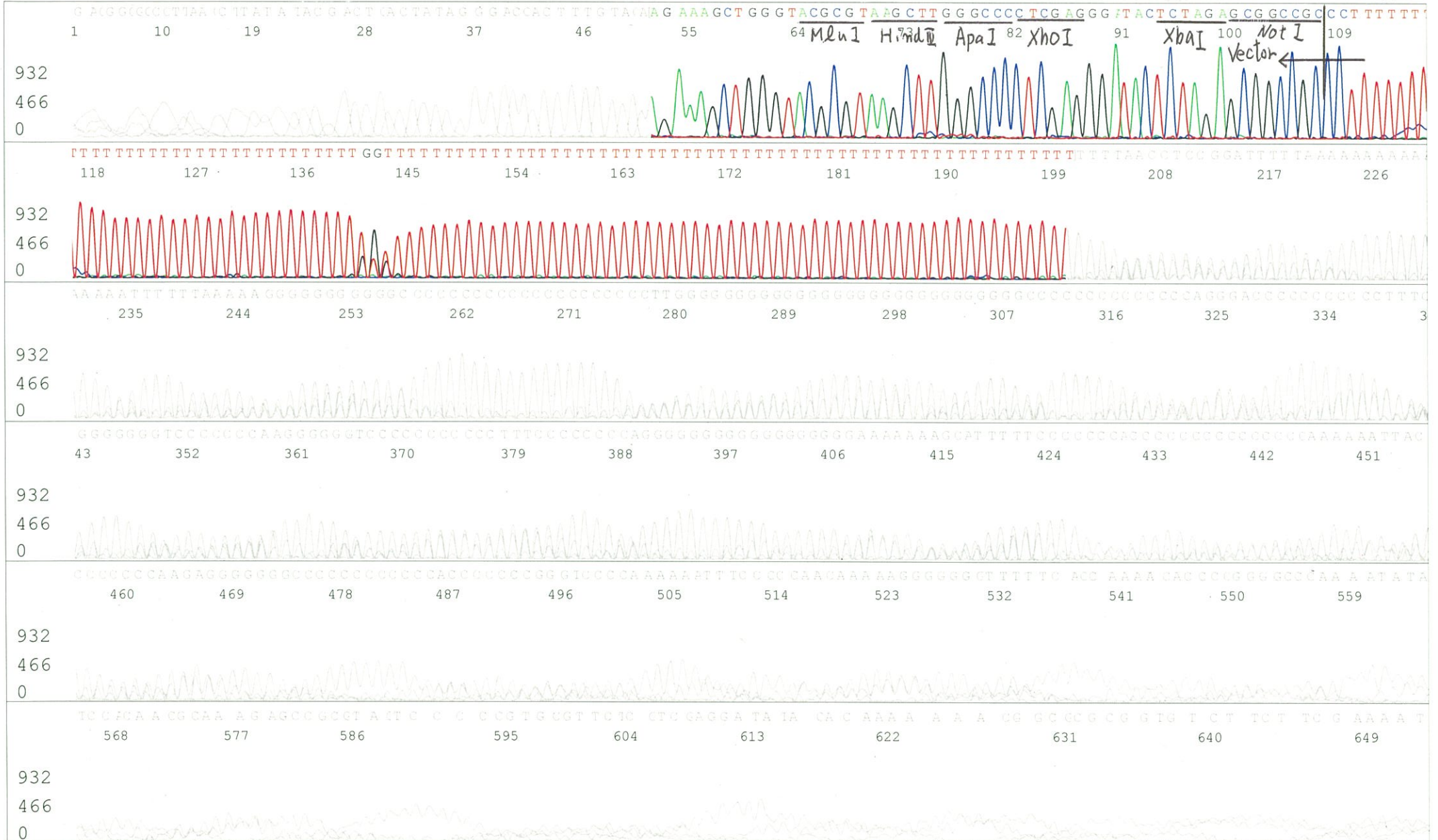


S/N G:17 A:20 T:21 C:25
 KB.bcp
 KB 1.4.1.8 Cap:13

Primer B : M13

5' GTTTTCACGTCACGACGTTGTA 3'

Gray line indicates quality value
 (QV) < 40.



S/N G:11 A:12 T:8 C:15

Primer C : Poly(A) region primer #0

7893_IRAK093K20_B0D3_GNP Mixture

Apr 08,2020 09:53AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Apr 08,2020 10:09AM, JST

KB 1.4.1.8 Cap:16

5' TTTTTTTTTTTTTTTTTTTTTTNNN 3'

Pts 1743 to 8633 Pk1 Loc:1711

(QV) < 40.

Spacing:10.45 Pts/Panel1350

Plate Name: 20200408_GNP

