

RIKEN Clone ID : IRAK174G14

Vector : pCMV-SPORT6

Gene	SETD2	
Accession No.	BC072440.1	3025 bp
	CDS	2675 bp

● Plasmid DNA purification

Date : 20.06.09

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

Date : 20.06.12

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 20.06.12

DNA concentration (O.D.): 435 ng/ul

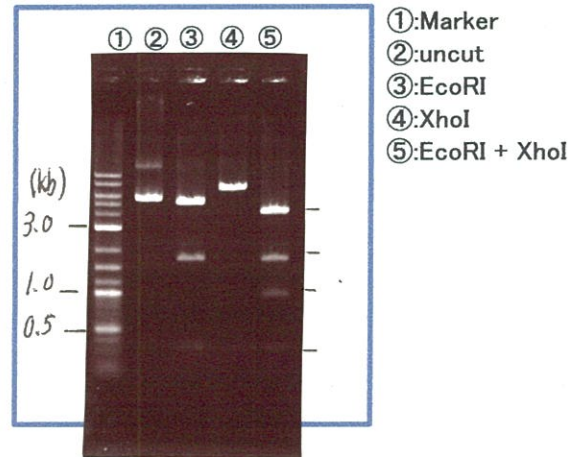
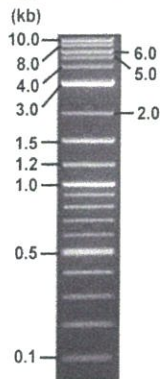
< Size of fragment expected from this clone >

DNA	<u>0.2</u> ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	<u>7.8</u> ul
Total	10 ul

EcoRI	5.3 , 1.8, 0.3 kb	
XhoI	6.0 kb	
EcoRI + XhoI	4.3kb (Vector)	1.8, 1.0, 0.3 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 20.07.08

DNA (<u>435</u> ng/ul)	<u>86.0</u> ul
10x TE	<u>149.6</u> ul
dH ₂ O	<u>1260.8</u> ul
Total	<u>1496.4</u> ul

● Confirmation of the insertion sequence

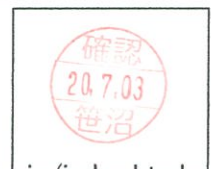
Date : 20.06.25

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

ng/ul, Volume : ul



APPROVED BY :

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

S/N G:76 A:118 T:85 C:106 Primer A : Reverse2

7893_IRAK174G14_B0F3_Reverse2

Jun 25,2020 11:50AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Jun 25,2020 12:05PM, JST

KB 1.4.1.8 Cap:19

5' GCGGATAACAATTTTCACACAGG 3'

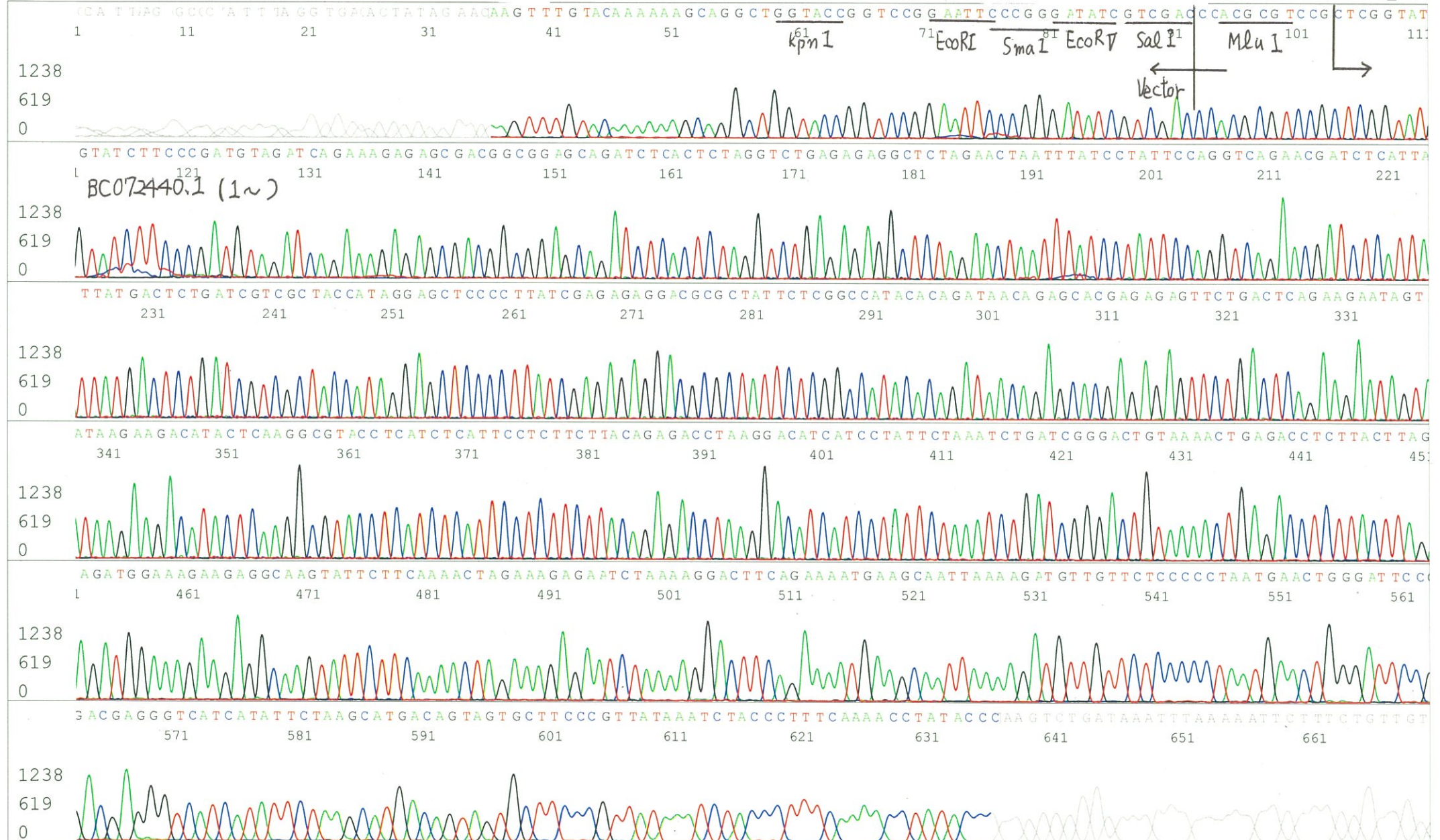
Pts 1674 to 8458 Pk1 Loc:1642

Version 6.0 HiSQV Bases: 687

(QV) < 40.

Spacing:10.25 Pts/Panel1350

Plate Name: 20200625_GNP



S/N G:92 A:100 T:115 C:13

Primer B : M13

7893_IRAK174G14_B0F3_M13(-40)

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Jun 25,2020 11:50AM, JST

Jun 25,2020 12:05PM, JST

KB.bcp

Pts 1699 to 8595 Pk1 Loc:1667

Spacing:10.36 Pts/Panel1350

KB 1.4.1.8 Cap:22

5' GTTTTCCCAGTCACGACGTTGTA 3'

Version 6.0 HiSQV Bases: 674 (QV) < 40.

Plate Name: 20200625_GNP

