

RIKEN Clone ID : IRAK051K17

Lot#: 7893_A419

Vector : pCMV-SPORT6

Gene	PTGS1	
Accession No.	BC029840.1	2646 bp
		1..2646
	<i>CDS</i>	1800 bp
		53..1852

● Plasmid DNA purification

Date : 140910

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

Date : 140911

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 140911

DNA concentration (O.D.): 60 ng/ul

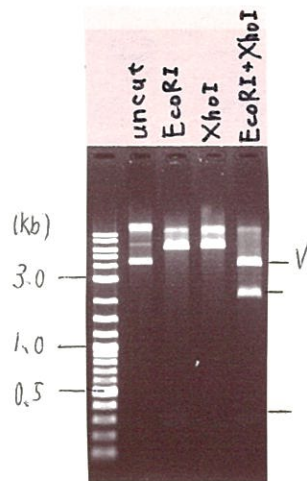
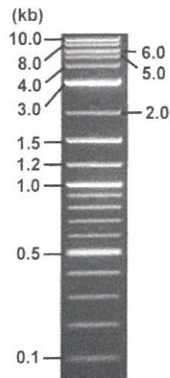
< Size of fragment expected from IRAK051K17 >

DNA	0.8	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H		1 ul
dH ₂ O	7.2	ul
Total		10 ul

EcoRI	6720, 308 bp
XhoI	7028 bp
EcoRI + XhoI	4339bp (Vector) 2381, 308 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 140916

DNA (<u>60</u> ng/ul)	<u>80.0</u>	ul
10x TE	<u>19.2</u>	ul
dH ₂ O	<u>92.8</u>	ul
Total	<u>192.0</u>	ul

● Confirmation of the insertion sequence

Date : 140912

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

APPROVED BY :

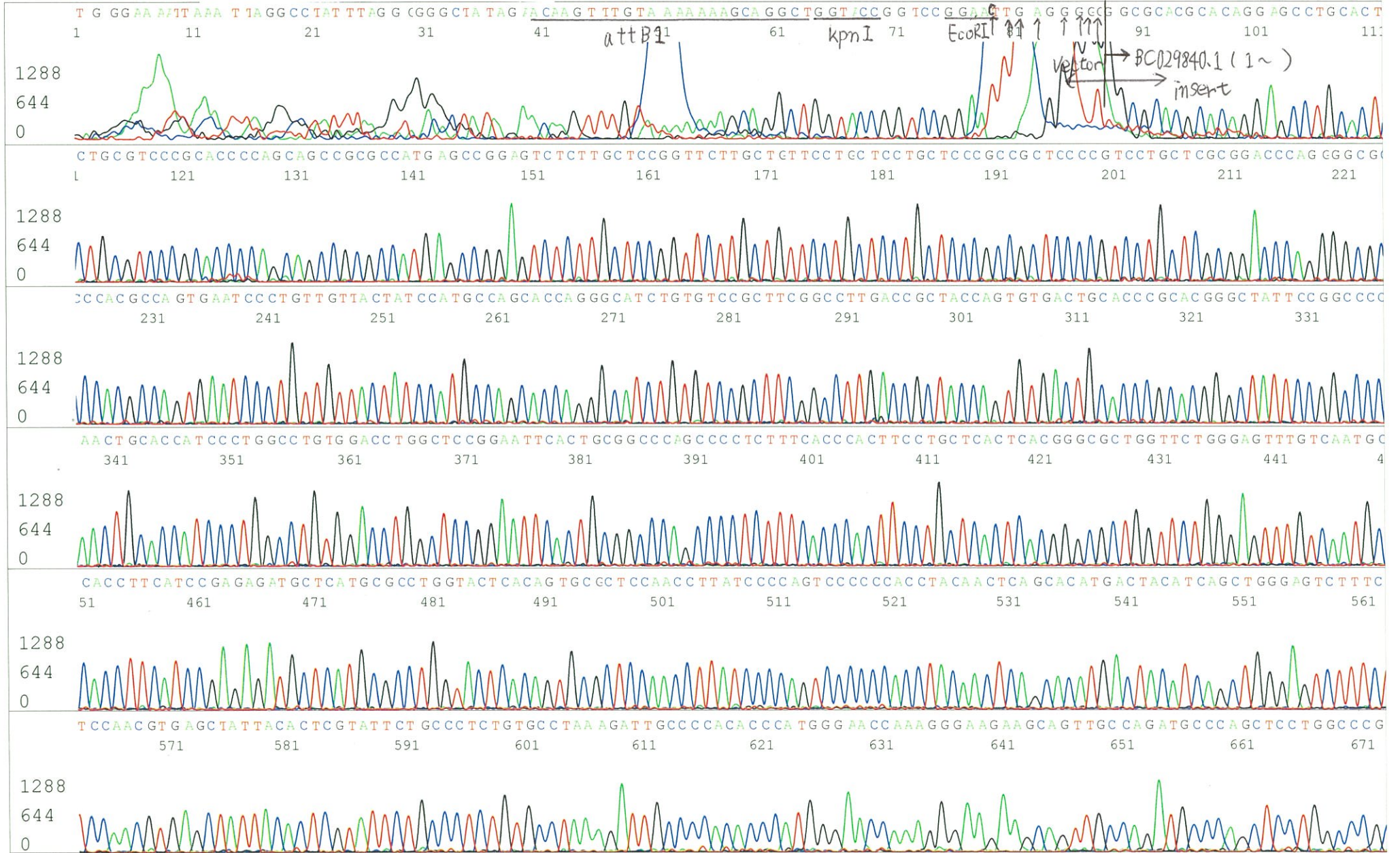
<http://dna.brc.riken.jp/index.html>



S/N G:14 A:12 T:13 C:17
KB.bcp
KB 1.4.1.8 Cap:11

Primer A : Reverse2

5' GCGGATAACAATTTTCACACAGG 3'



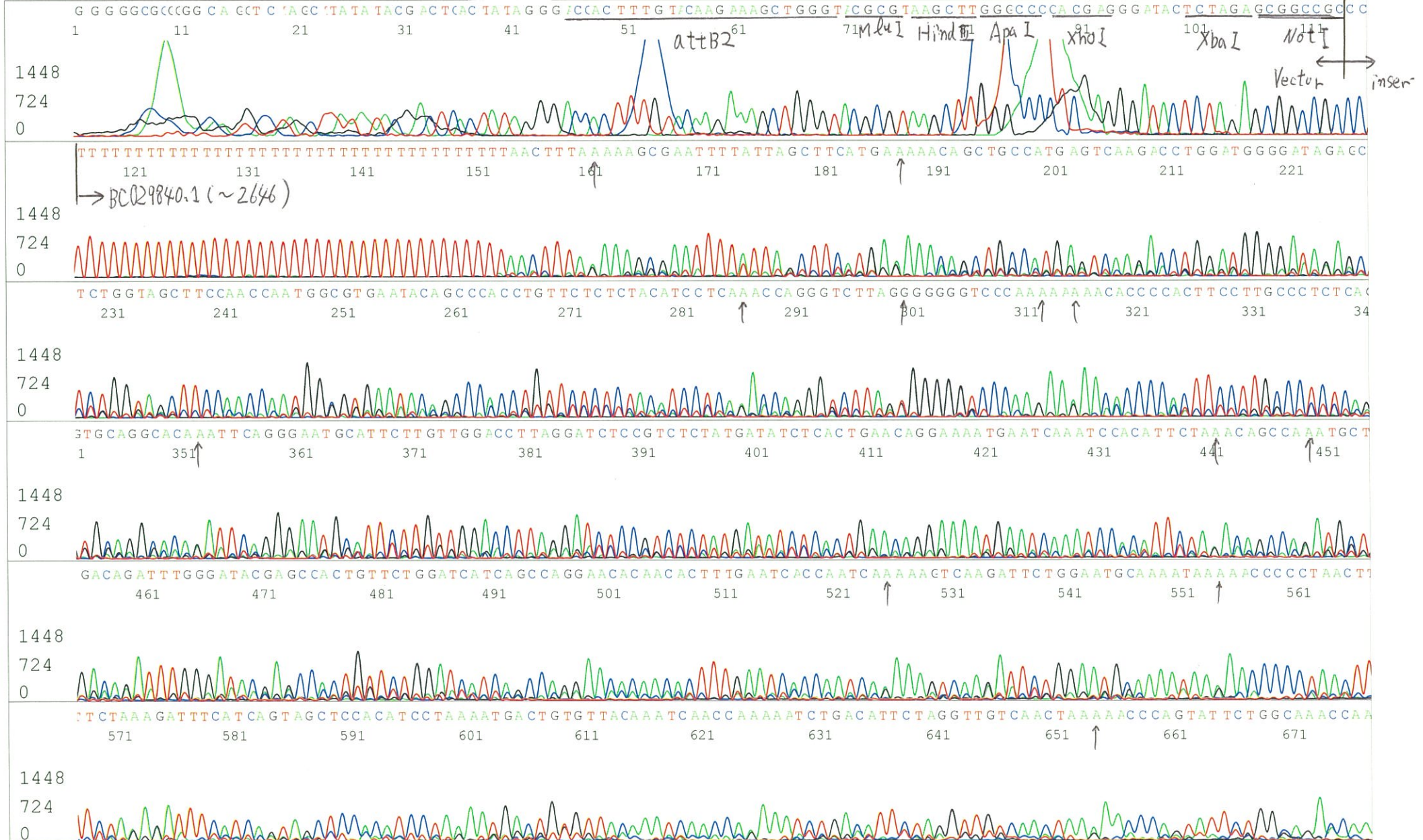
S/N G:14 A:12 T:13 C:17
KB.bcp
KB 1.4.1.8 Cap:11



S/N G:22 A:24 T:22 C:25
KB.bcp
KB 1.4.1.8 Cap:14

Primer B : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'



S/N G:22 A:24 T:22 C:25
KB.bcp
KB 1.4.1.8 Cap:14

