

RIKEN Clone ID : IRAK029P16

Lot#: 7893_A7Ff

Vector : pCMV-SPORT6

Gene	NTRK2	
Accession No.	BC031835.1	2328 bp
	CDS	1434 bp

● Plasmid DNA purification

Date : 170615

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

Date : 170620

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 170620

DNA concentration (O.D.): 125 ng/ul

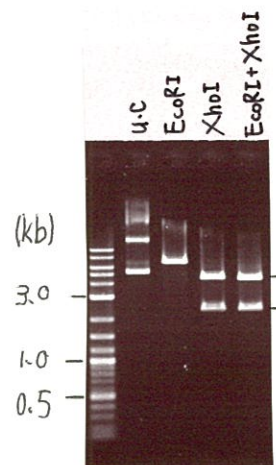
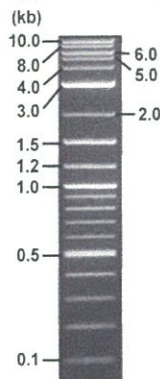
< Size of fragment expected from this clone >

DNA	0.7	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.3	ul
Total	10	ul

EcoRI	6.7	kb
XhoI	4.4 , 2.3	kb
EcoRI + XhoI	4.3kb (Vector)	2.3, 0.1

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : _____

DNA (<u>125</u> ng/ul)	80.0	ul
10x TE	40.0	ul
dH ₂ O	280.0	ul
Total	400.0	ul

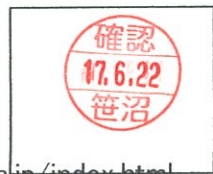
● Confirmation of the insertion sequence

Date : 170621

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 : _____ ul



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

S/N G:147 A:102 T:92 C:206

Primer A : Reverse2

IRAK029P16_A7Ff_Reverse2

Jun 21,2017 05:08PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Jun 21,2017 05:37PM, JST

KB 1.4.1.8 Cap:7

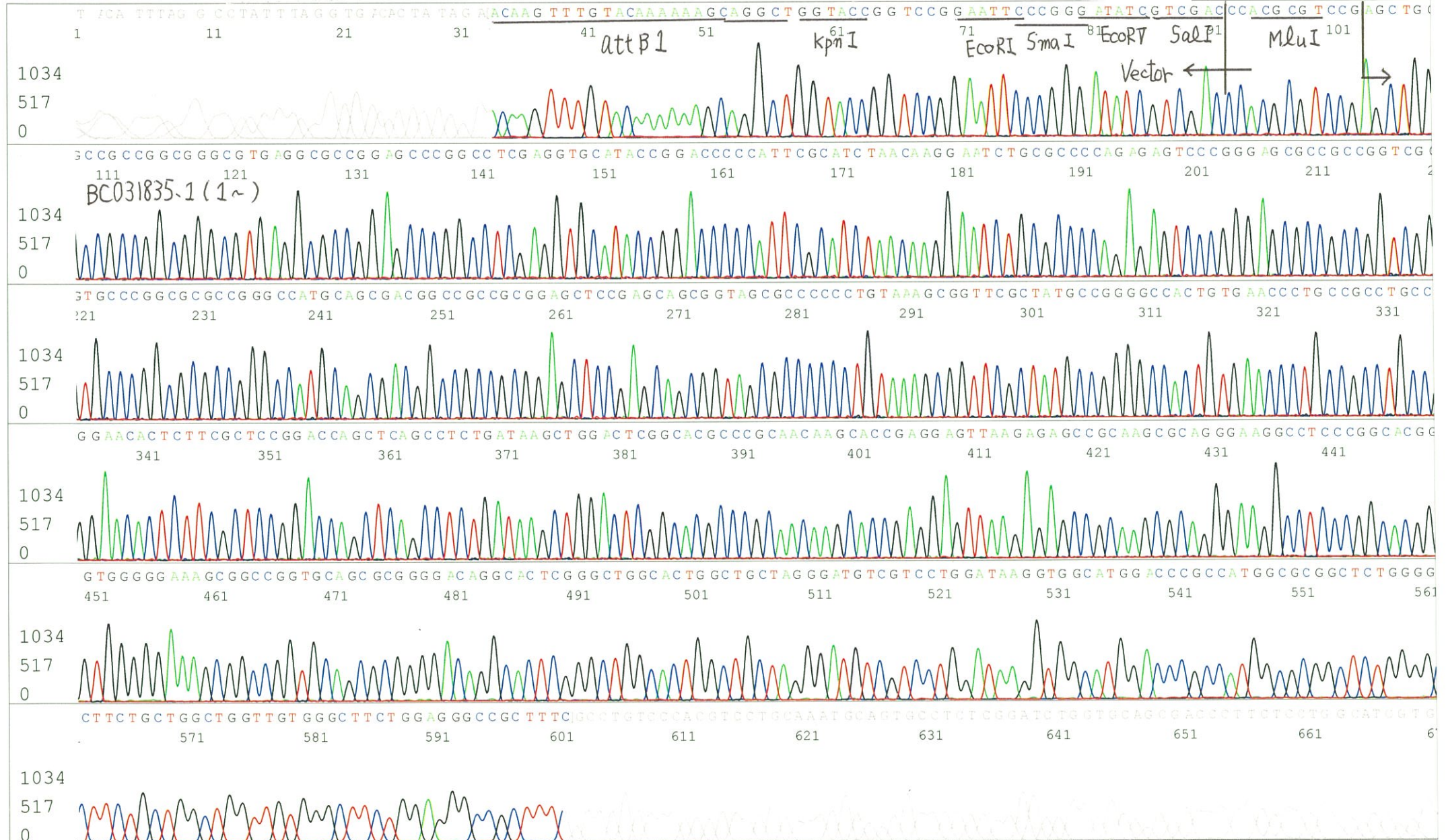
5' GCGGATAACAATTTTCACACAGG 3'

Pts 1799 to 8706 Pk1 Loc:1767

Version 6.0 HiSQV Bases: 722 (QV) < 40.

Spacing:10.65 Pts/Panel1350

Plate Name: 20170621_GNP



S/N G:43 A:64 T:79 C:89

Primer B : M13

IRAK029P16_A7Ff_M13(-40)

KB_3500_POP7_BDTv3.mob

Pts 1803 to 8706 Pk1 Loc:1771

Version 6.0 HiSQV Bases: 215

Gray line indicates quality value

Jun 21,2017 05:08PM, JST

Jun 21,2017 05:37PM, JST

Spacing:10.69 Pts/Panel1350

Plate Name: 20170621_GNP

KB 1.4.1.8 Cap:10

5' GTTTTCCCAGTCACGACGTTGTA 3'

(QV) < 40.



S/N G:24 A:34 T:32 C:42

Primer C : Poly(A) region primer #0

IRAK029P16_A7Ff_GNPmixture

Gray line indicates quality value

Jun 21,2017 05:08PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Jun 21,2017 05:37PM, JST

KB 1.4.1.8 Cap:13

5' TTTTTTTTTTTTTTTTTTTTTTNNN 3'

Pts 1826 to 8706 Pk1 Loc:1794

(QV) < 40.

Spacing:10.68 Pts/Panel1350

Plate Name: 20170621_GNP

