

RIKEN Clone ID : IRAK082P07

Lot#: 7893_A8Ju

Vector : pCMV-SPORT6

Gene	HDAC4	
Accession No.	BC039904.1	3791 bp
	CDS	2919 bp

● Plasmid DNA purification

Date : 181106

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

Date : 181107

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 181107

DNA concentration (O.D.): 299 ng/ul

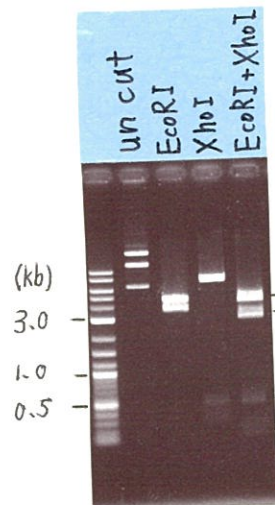
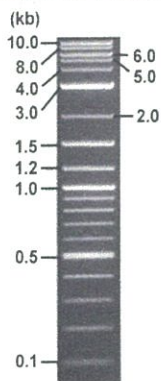
< Size of fragment expected from this clone >

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	4.5, 3.7 kb
XhoI	7.3, 0.5, 0.4 kb
EcoRI + XhoI	4.3kb (Vector) 3.0, 0.5, 0.2, 0.2 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 181114

DNA (<u>299</u> ng/ul)	<u>86.0</u> ul
10x TE	<u>102.8</u> ul
dH ₂ O	<u>839.7</u> ul
Total	<u>1028.5</u> ul

● Confirmation of the insertion sequence

Date : 181113

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:315 A:418 T:238 C:446

Primer A : Reverse2

IRAK082P07_2_A8Ju_III_Reverse2

KB_3500_POP7_BDTv3.mob

Pts 1550 to 13175 Pk1 Loc:1527

Version 6.0 HiSQV Bases: 942

Gray line indicates quality value

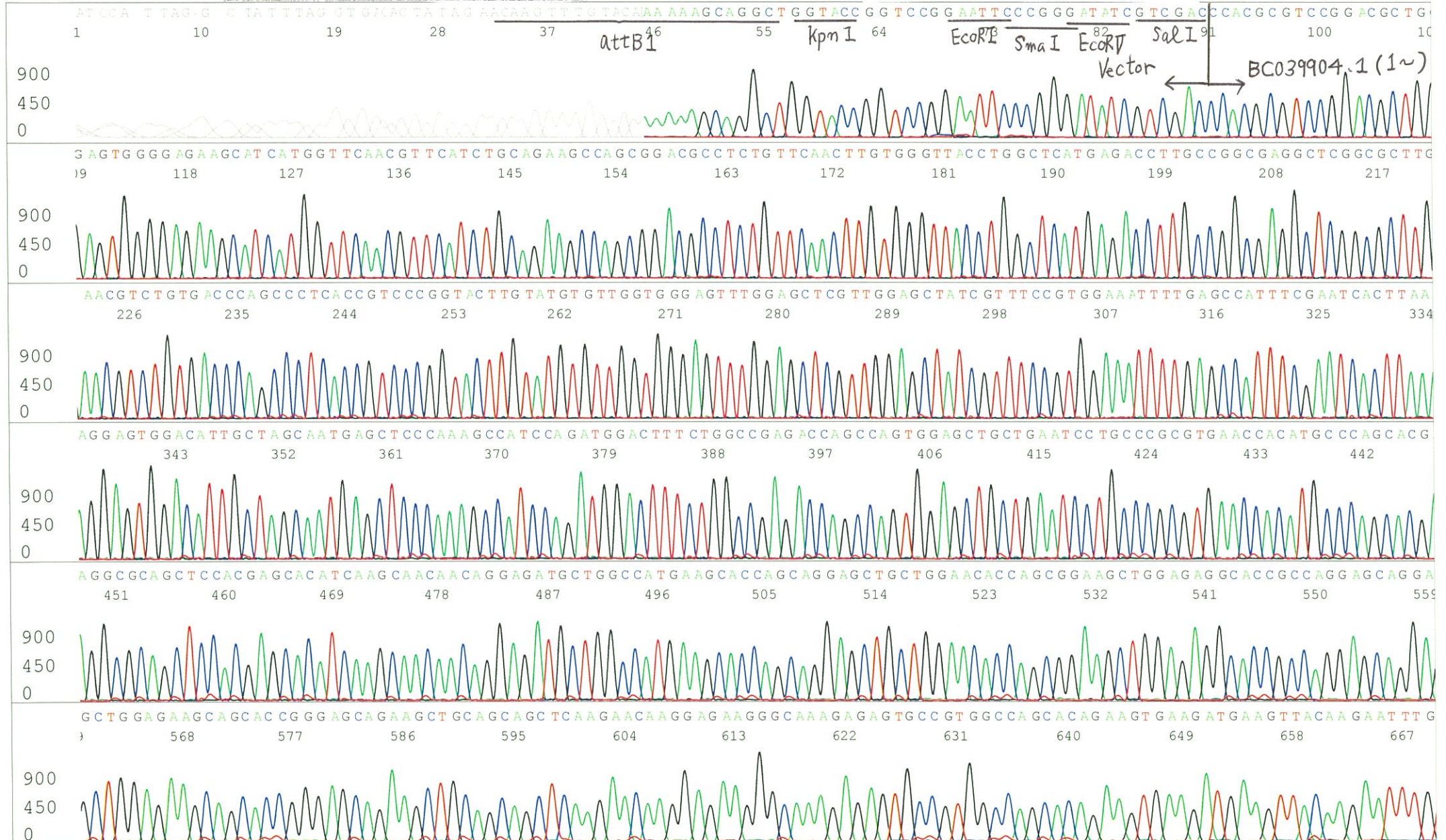
(QV) < 40.

Nov 13,2018 02:35PM, JST

Nov 13,2018 03:17PM, JST

Spacing:11.88 Pts/Panel1350

Plate Name: 20181113_MIX



S/N G:172 A:105 T:123 C:202

Primer C : Poly(A) region primer #0

IRAK082P07_2_A8Ju_III' GNP Mixture

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Nov 09,2018 09:54AM, JST

KB.bcp

Pts 1810 to 8707 Pk1 Loc:1778

Nov 09,2018 10:11AM, JST

KB 1.4.1.8 Cap:16

5' TTTTTTTTTTTTTTTTTTTTTNNN 3'

Version 6.0 HiSQV Bases: 696 (QV) < 40.

Spacing:10.87 Pts/Panel1350

Plate Name: 20181109_GNP

