

RIKEN Clone ID : IRAK140G19

Lot#: 7893_A8Aq

Vector : pCMV-SPORT6

Gene	DNAJB12	
Accession No.	BC064920.1	1754 bp
	<i>CDS</i>	1128 bp

● Plasmid DNA purification

Date : 180201

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

Date : 180202

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180202

DNA concentration (O.D.): 220 ng/ul

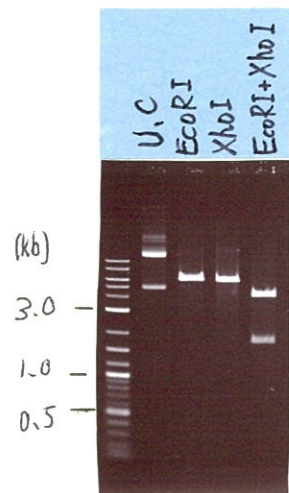
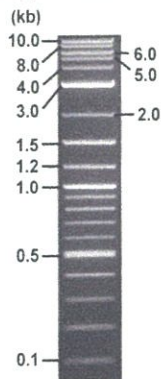
< Size of fragment expected from this clone >

DNA	0.5 ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.5 ul
Total	10 ul

EcoRI	6.1 kb
XhoI	6.1 kb
EcoRI + XhoI	4.3kb (Vector) 1.8 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180206

DNA (<u>220</u> ng/ul)	75.0 ul
10x TE	66.0 ul
dH ₂ O	519.0 ul
Total	660.0 ul

● Confirmation of the insertion sequence

Date : 180206

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

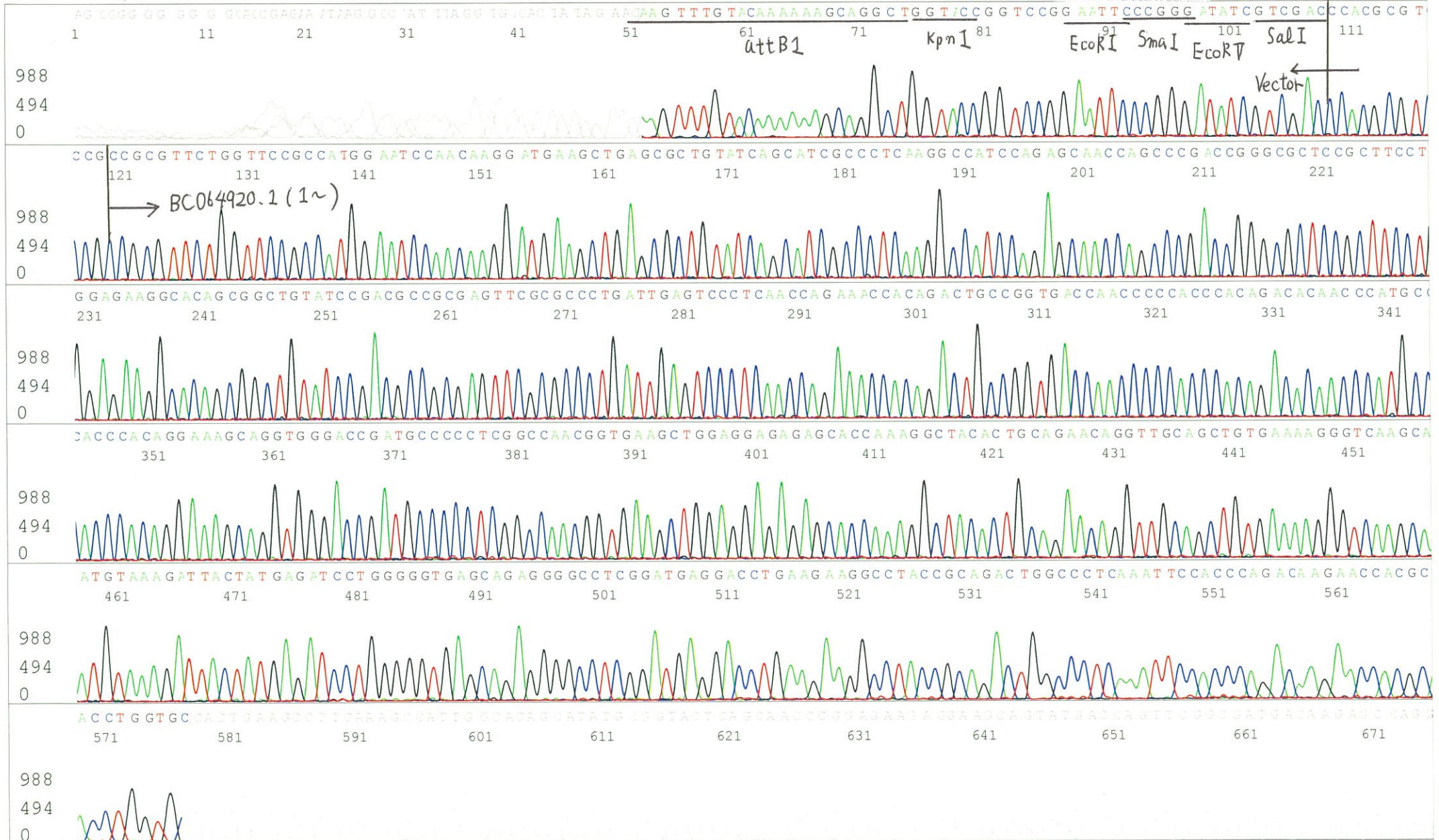
APPROVED BY : <http://dna.brc.riken.jp/index.html>



S/N G:30 A:44 T:29 C:63
 KB.bcp
 KB 1.4.1.8 Cap:6

Primer A : Reverse2
 5' GCGGATAACAATTTTCACACAGG 3'

Gray line indicates quality value
 (QV) < 40.



S/N G:28 A:36 T:46 C:48
KB.bcp
KB 1.4.1.8 Cap:7

Primer B : M13
5' GTTTTCCCAGTCACGACGTTGTA 3'

Gray line indicates quality value
(QV) < 40.



S/N G:9 A:9 T:10 C:13

Primer C : Poly(A) region primer #0

IRAK140G19_3_A8Aq_GNPMixture

Feb 06,2018 10:58AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Feb 06,2018 11:25AM, JST

KB 1.4.1.8 Cap:8

5' TTTTTTTTTTTTTTTTTTTTTTNNN 3'

Pts 1821 to 8705 Pk1 Loc:1789

(QV) < 40.

Spacing:10.94 Pts/Panel1350

Version 6.0 HiSQV Bases: 648

Plate Name: 20180206_GNP

