

RIKEN Clone ID : IRAK047A02

Lot#: 7566_A8B9

Vector : pBluescriptR

Gene	ALMS1	
Accession No.	BC035025.2	4517 bp
	<i>CDS</i>	4382 bp

● Plasmid DNA purification

Date : 180214

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

Date : 180215

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180215

DNA concentration (O.D.): 69 ng/ul

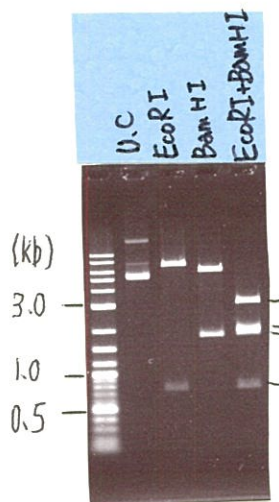
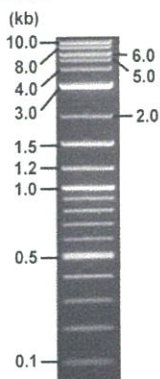
< Size of fragment expected from this clone >

DNA	<u>1.4</u> ul
Enzyme (EcoRI + BamHI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	<u>6.6</u> ul
Total	10 ul

EcoRI	6.5, 0.7, 0.1 kb
BamHI	5.5, 1.8 kb
EcoRI + BamHI	2.8kb (Vector) 1.9, 1.8, 0.7, 0.1 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180306

● Confirmation of the insertion sequence

Date : 180227

DNA (<u>69</u> ng/ul)	<u>85.0</u> ul
10x TE	<u>23.4</u> ul
dH ₂ O	<u>126.2</u> ul
Total	<u>234.6</u> ul

Primer A	T7
Primer B	Reverse2
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

Conc. : 25 ng/μl, Volume : 40 μl
 Conc. : ~~ng/μl~~, Volume : ~~μl~~



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

S/N G:42 A:65 T:44 C:53
KB.bcp
KB 1.4.1.8 Cap:8

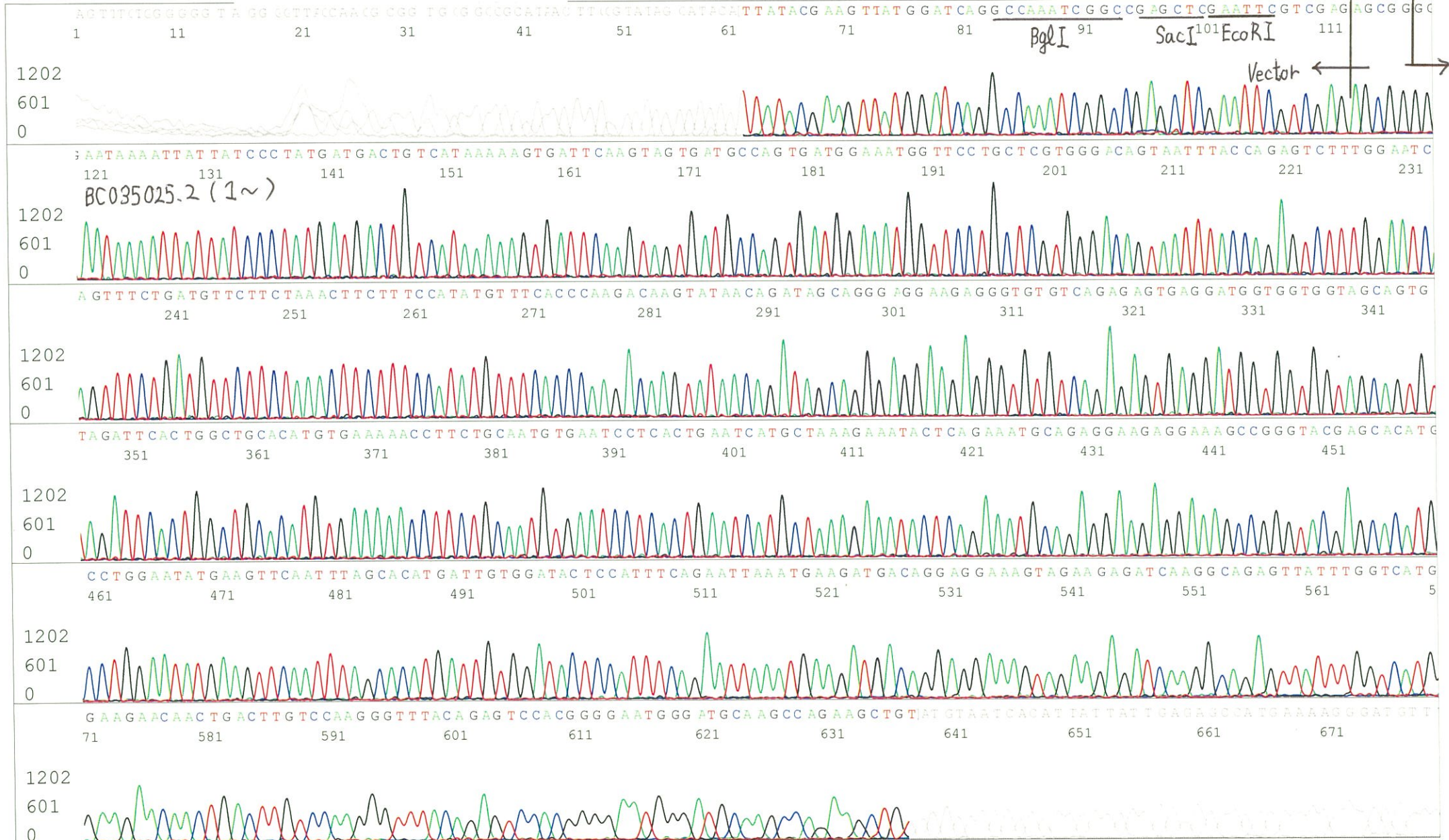
Primer A : T7

5' TAATACGACTCACTATAGGG 3'

IRAK047A02_A8B9_T7_C02_08_ABI24
IRAK047A02_A8B9_T7
KB_3500_POP7_BDTV3.mob
Pts 1666 to 8706 Pk1 Loc:1634
Version 6.0 HiSQV Bases: 720

Gray line indicates quality value
(QV) < 40.

Inst Model/Name 3500/3500 Instrument
Feb 26,2018 10:07AM, JST
Feb 26,2018 10:23AM, JST
Spacing:10.77 Pts/Panel1350
Plate Name: 20180226_GNP



S/N G:221 A:178 T:128 C:140
KB.bcp
KB 1.4.1.8 Cap:19

Primer B : Reverse2

IRAK047A02_A8B9_Reverse2
KB_3500_POP7_BDTv3.mob
Pts 1728 to 8706 Pk1 Loc:1696
Version 6.0 HiSQV Bases: 721

Gray line indicates quality value
(QV) < 40.

Feb 27,2018 10:07AM, JST
Feb 27,2018 10:22AM, JST
Spacing:10.78 Pts/Panel1350
Plate Name: 20180227_GNP

5' GCGGATAACAATTTTCACACAGG 3'

