

RIKEN Clone ID : IRAK084J09

Lot#: 7893_A6B4

Vector : pCMV-SPORT6

Gene	GLUD1	
Accession No.	BC040132.1	2341 bp
	CDS	1677 bp

● Plasmid DNA purification

Date : 160208

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

Date : 160209

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 160209

DNA concentration (O.D.): 59 ng/ul

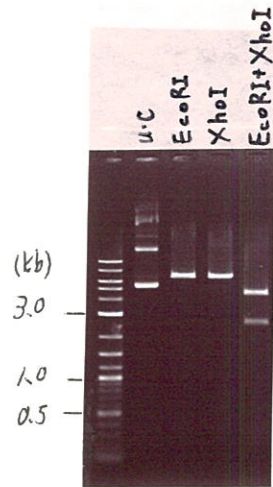
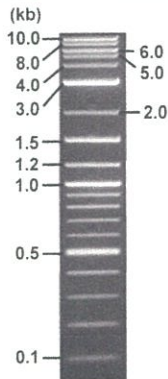
< Size of fragment expected from this clone >

DNA	1.6	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	6.4	ul
Total	10	ul

EcoRI	6.7	kb
XhoI	6.7	kb
EcoRI + XhoI	4.3kb (Vector)	2.4 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 160218

DNA (<u>59</u> ng/ul)	<u>64.0</u>	ul
10x TE	<u>15.1</u>	ul
dH ₂ O	<u>71.9</u>	ul
Total	<u>151.0</u>	ul

● Confirmation of the insertion sequence

Date : 160217

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. : ng/ul, Volume : ul

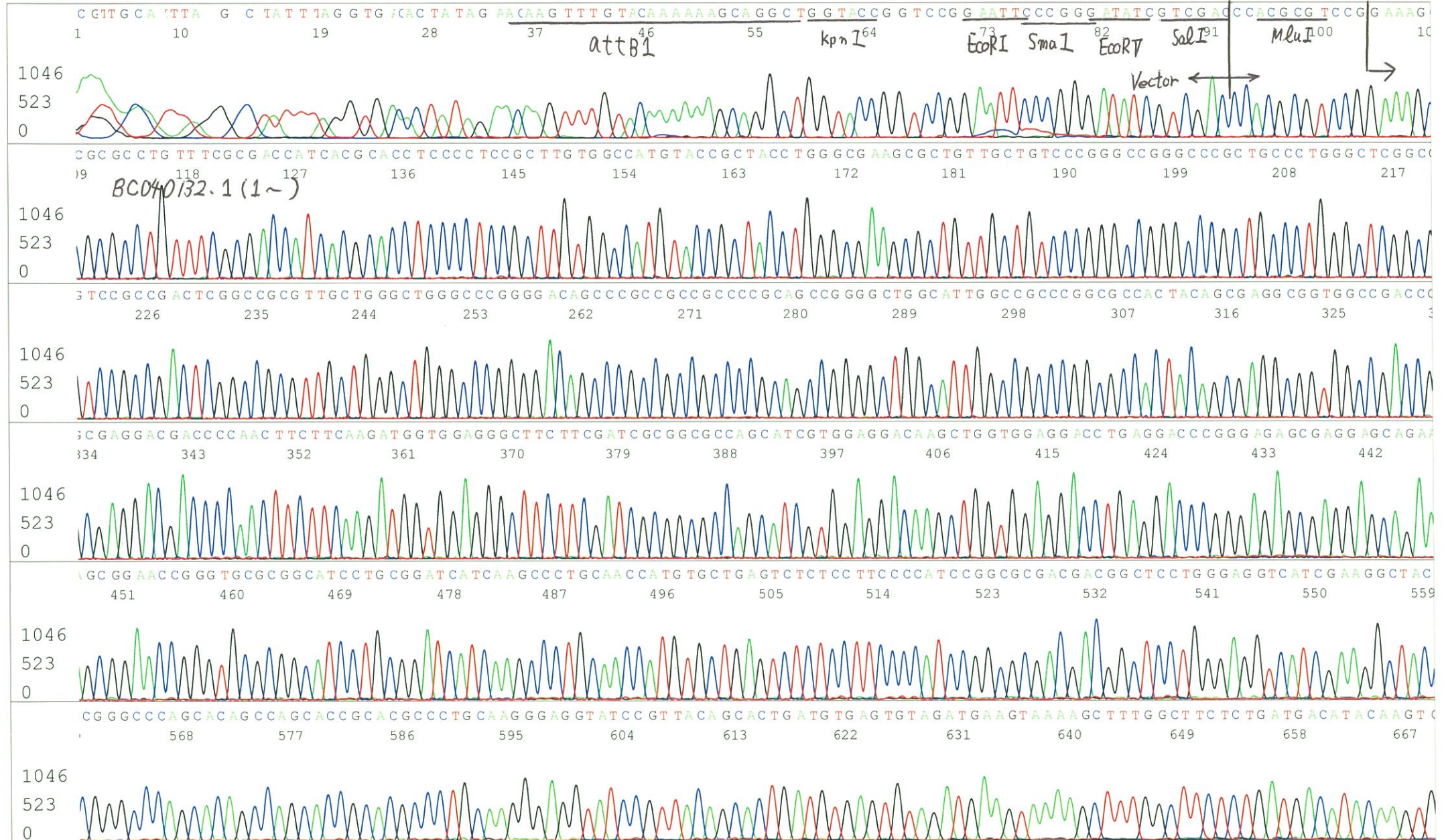
APPROVED BY :

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

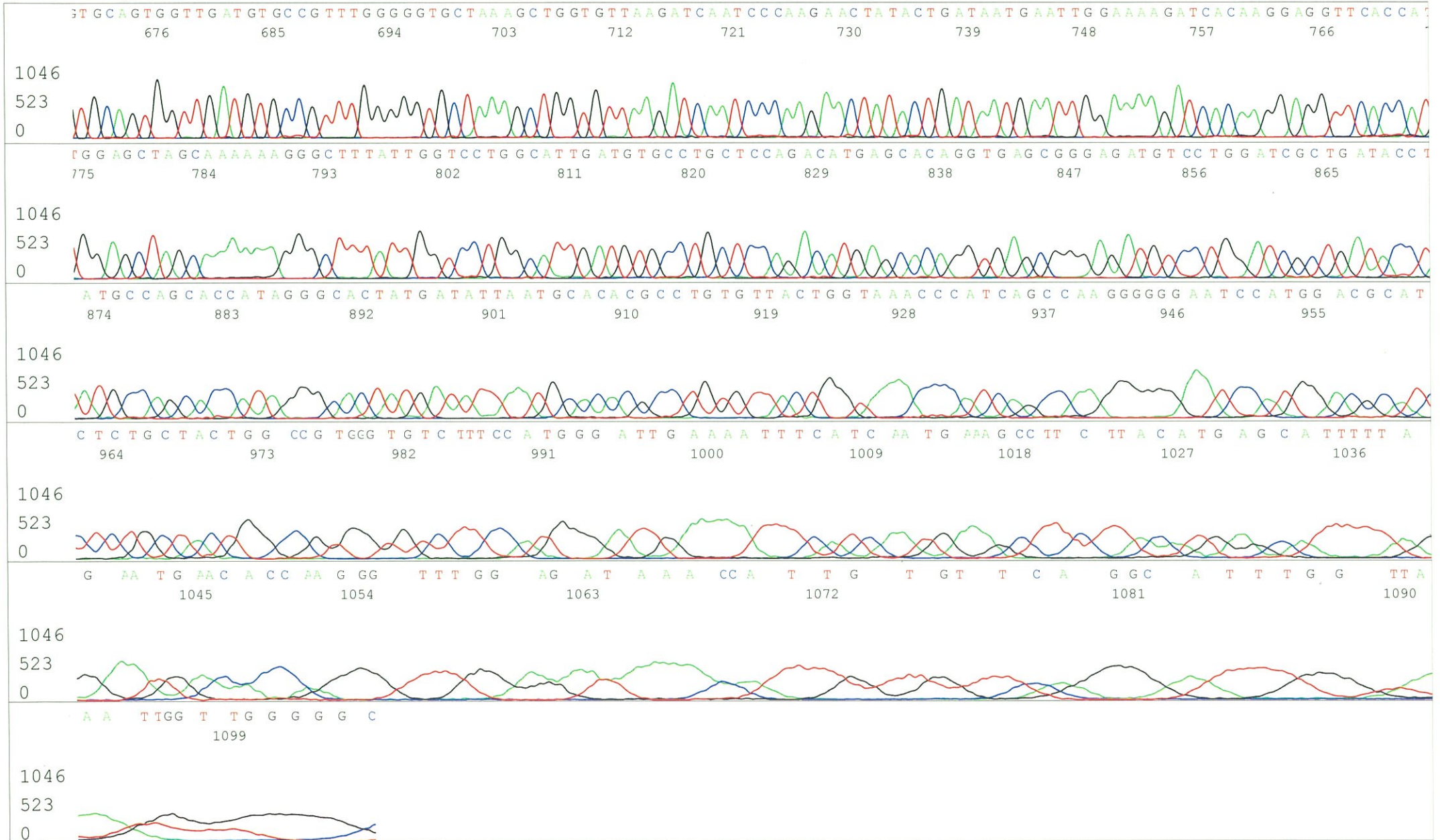


S/N G:208 A:158 T:165 C:277
KB.bcp
KB 1.4.1.8 Cap:3

Primer A : Reverse2
5' GCGGATAACAATTTTCACACAGG 3'



S/N G:208 A:158 T:165 C:277
KB.bcp
KB 1.4.1.8 Cap:3

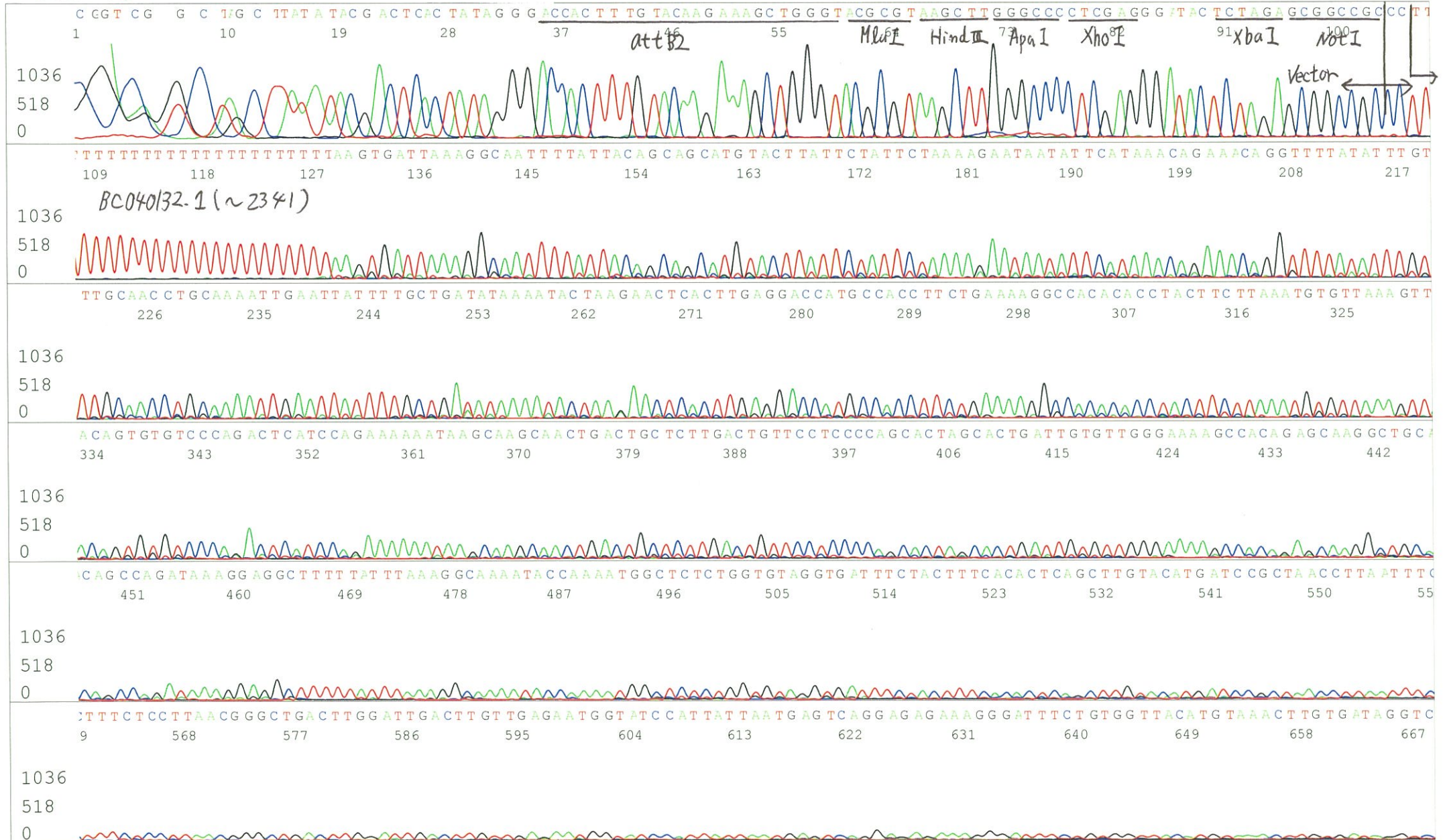


S/N G:61 A:61 T:51 C:49
KB.bcp
KB 1.4.1.8 Cap:4

Primer B : M13
5' GTTTTCCCAGTCACGACGTTGTA 3'

IRAK084J09_A6B4_M13(-40)_B07_04
IRAK084J09_A6B4_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1473 to 12803 Pk1 Loc:1450
Version 6.0 HiSQV Bases: 914

Inst Model/Name 3500/3500 Instrument
Feb 12,2016 03:05PM, JST
Feb 12,2016 03:31PM, JST
Spacing:11.3 Pts/Panel1350
Plate Name: 20160212_mix



S/N G:61 A:61 T:51 C:49
KB.bcp
KB 1.4.1.8 Cap:4

