

RIKEN Clone ID : IRAK074P15

Lot#: 7566_A4K5

Vector : pBluescriptR

Gene	MAP1LC3B	
Accession No.	BC041874.1	2701 bp
	<i>CDS</i>	378 bp
		1..2701
		629..1006

● Plasmid DNA purification

Date : 141105

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

Date : 141106

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 141106

DNA concentration (O.D.): 168 ng/ul

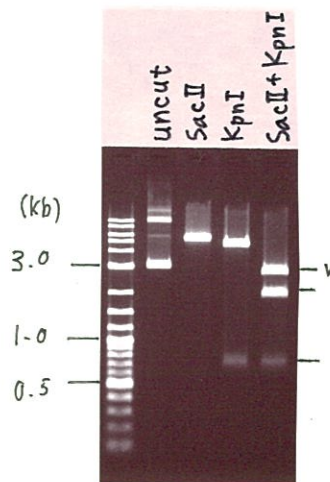
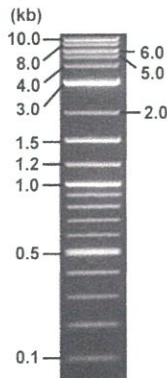
< Size of fragment expected from IRAK074P15 >

DNA	0.3	ul
Enzyme (SacII + KpnI)	0.5 + 0.5	ul
Buffer L	1	ul
dH ₂ O	7.7	ul
Total	10	ul

SacII	5691 bp
KpnI	4933, 758 bp
SacII + KpnI	2862bp (Vector) 2071, 758 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 141110

DNA (<u>168</u> ng/ul)	87.0	ul
10x TE	58.5	ul
dH ₂ O	439.1	ul
Total	584.6	ul

● Confirmation of the insertion sequence

Date : 141107

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

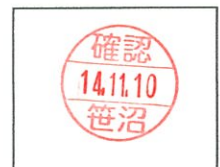
● Shipping

Conc. : 25 ng/ul, Volume : 40 ul

Conc. : ng/ul, Volume : ul

APPROVED BY :

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

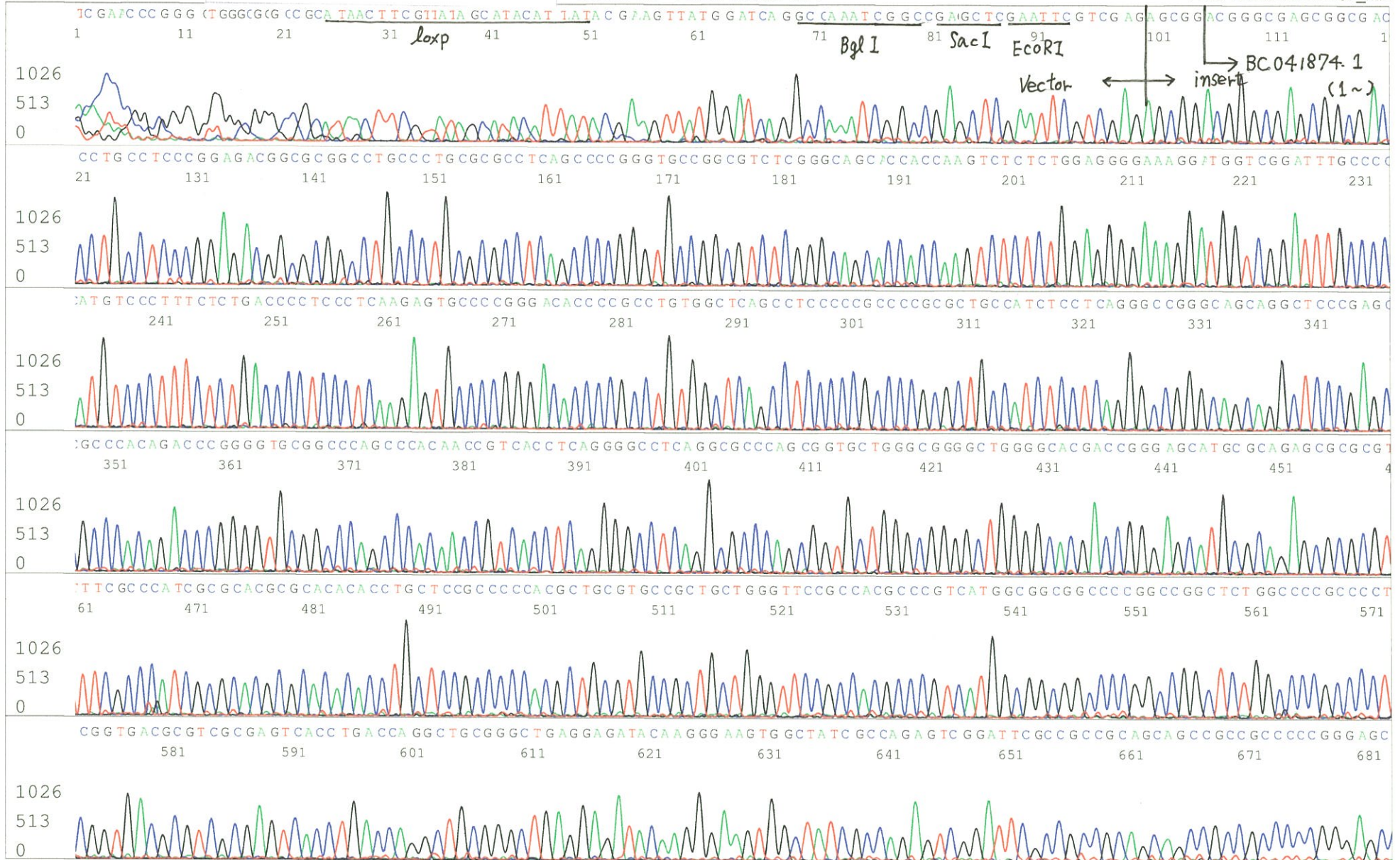


S/N G:11 A:11 T:8 C:13
 KB.bcp
 KB 1.4.1.8 Cap:14

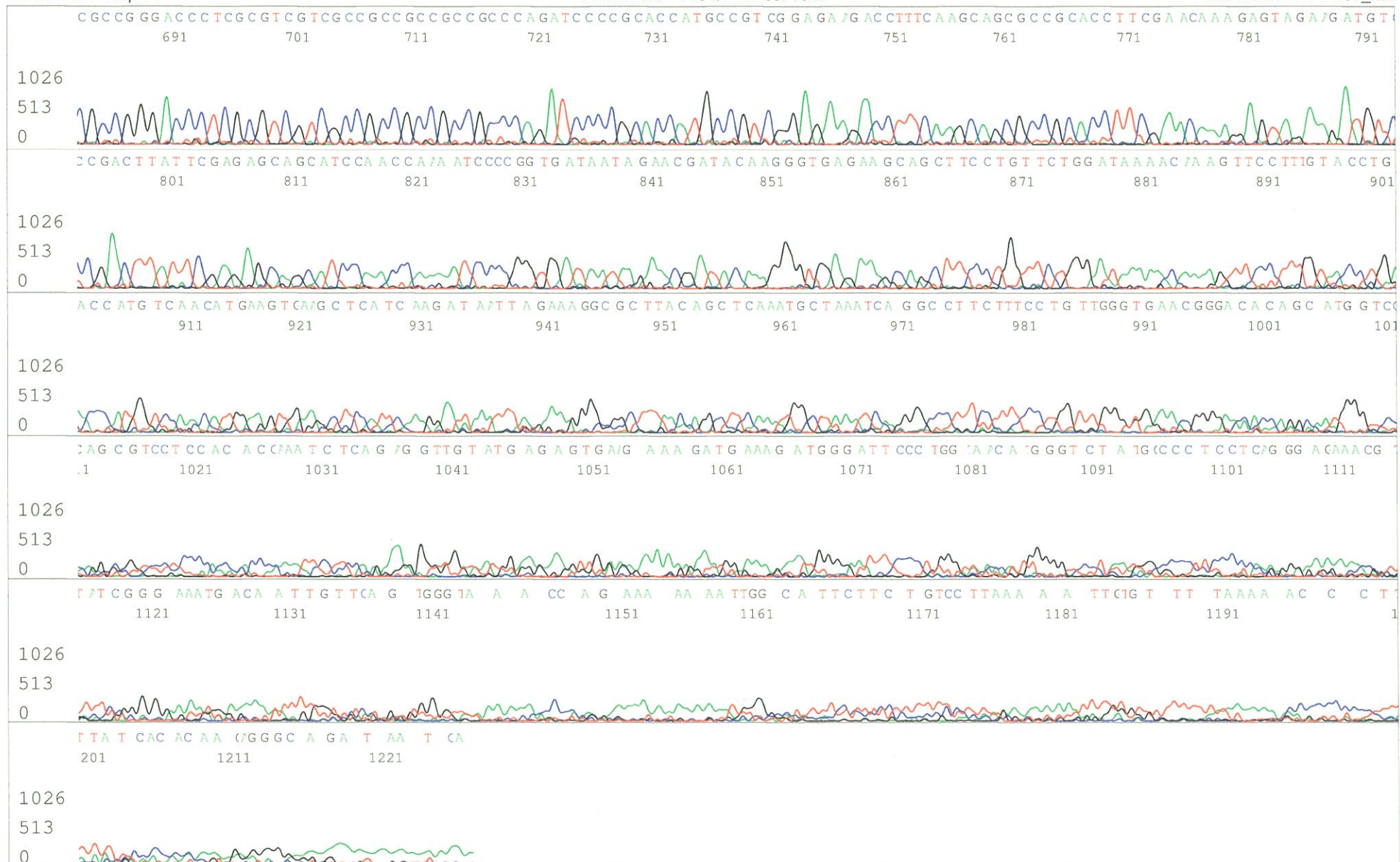
Primer A : T7
 5' TAATACGACTCACTATAGGG 3'

IRAK074P15_A4K5_T7_E02_14
 IRAK074P15_A4K5_T7
 KB_3500_POP7_BDTv3.mob
 Pts 1359 to 13124 Pk1 Loc:1336
 Version 5.4 HiSQV Bases: 1017

Inst Model/Name 3500/3500 Instrument
 Nov 07,2014 09:43AM, JST
 Nov 07,2014 10:10AM, JST
 Spacing:11.57 Pts/Panel1350
 Plate Name: 20141107_mix



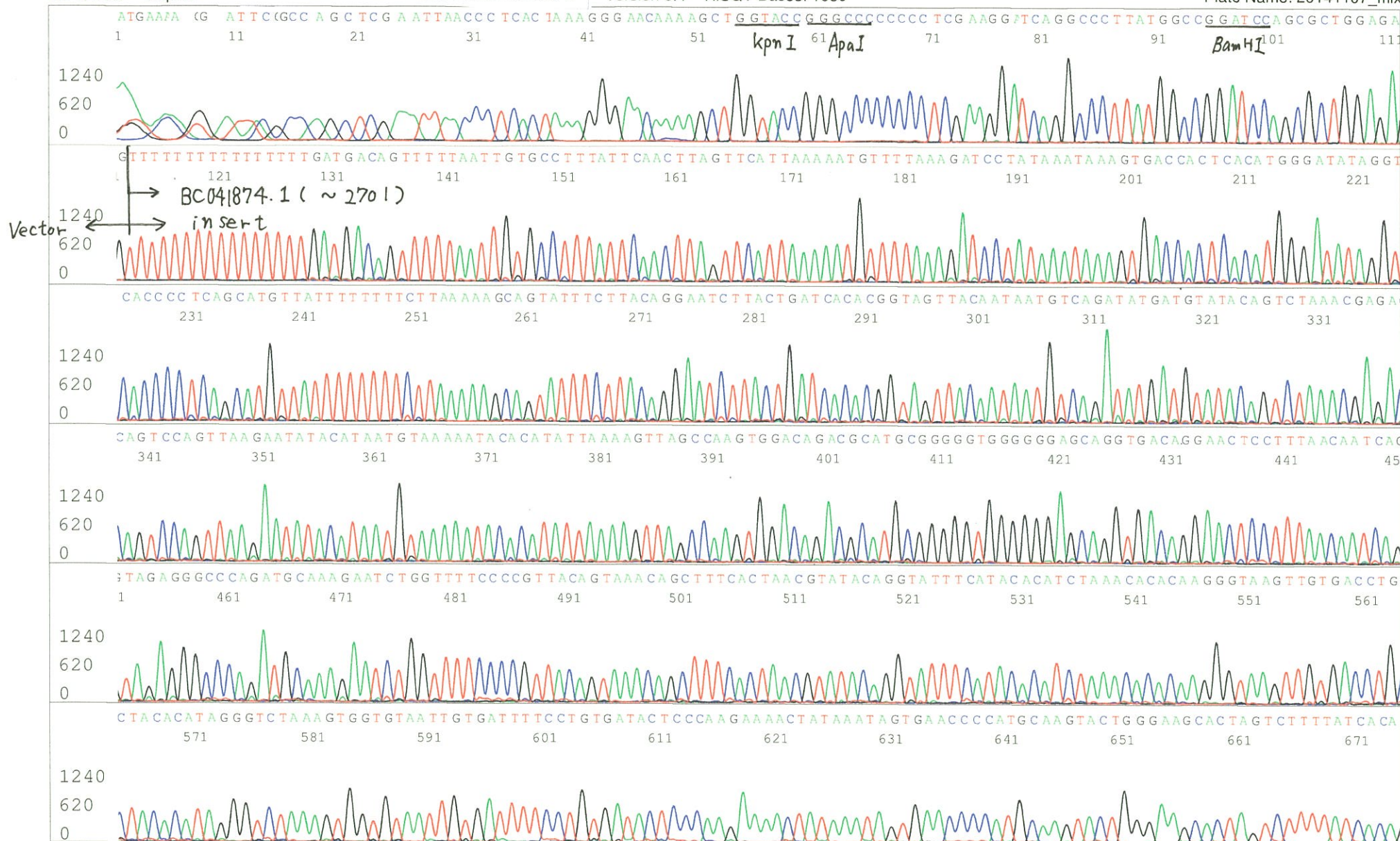
S/N G:11 A:11 T:8 C:13
KB.bcp
KB 1.4.1.8 Cap:14



S/N G:172 A:293 T:235 C:2 Primer B : Reverse2

KB.bcp

KB 1.4.1.8 Cap:17 5' GCGGATAACAATTTTCACACAGG 3'



S/N G:172 A:293 T:235 C:209
KB.bcp
KB 1.4.1.8 Cap:17

