

RIKEN Clone ID : IRAK139L22

Lot#: 7893_A4KI

Vector : pCMV-SPORT6

Gene	ARRB2	
Accession No.	BC067368.1	1820 bp
		1..1820
	<i>CDS</i>	1230 bp
		57..1286

● Plasmid DNA purification

Date : 141125

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

Date : 141126

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 141126

DNA concentration (O.D.): 215 ng/ul

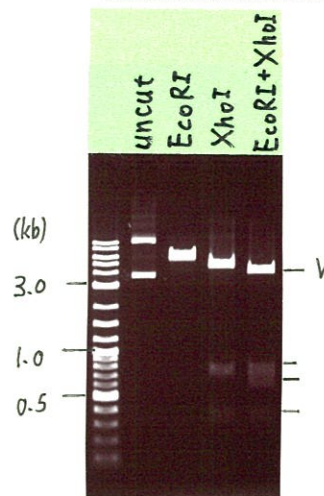
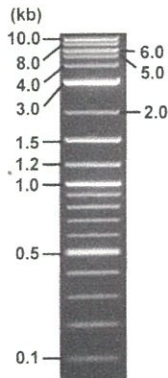
< Size of fragment expected from IRAK139L22 >

DNA	0.2	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H		1 ul
dH ₂ O	7.8	ul
Total		10 ul

EcoRI	6202 bp
XhoI	5015, 793, 394 bp
EcoRI + XhoI	4339bp (Vector) 793, 676, 394 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 141208

● Confirmation of the insertion sequence

DNA (<u>215</u> ng/ul)	80.0	ul
10x TE	68.8	ul
dH ₂ O	539.2	ul
Total	688.0	ul

Date : 141205

Primer A	Reverse2
Primer B	M13
Primer C : Poly(A) region primer #26	
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

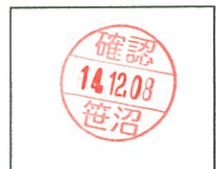
● Shipping

Conc. : 25 ng/μl, Volume : 40 μl

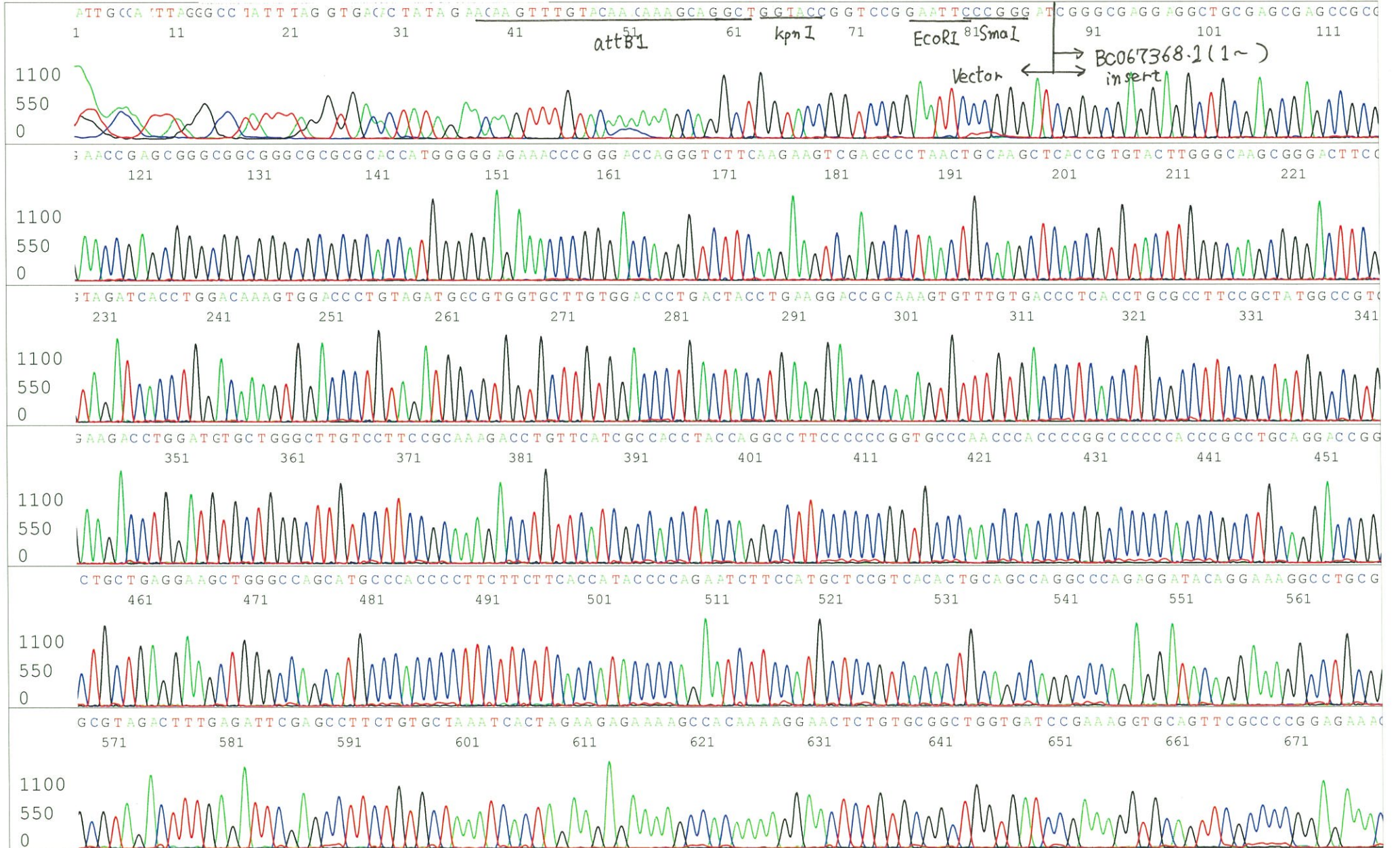
Conc. : ng/μl, Volume : μl

APPROVED BY :

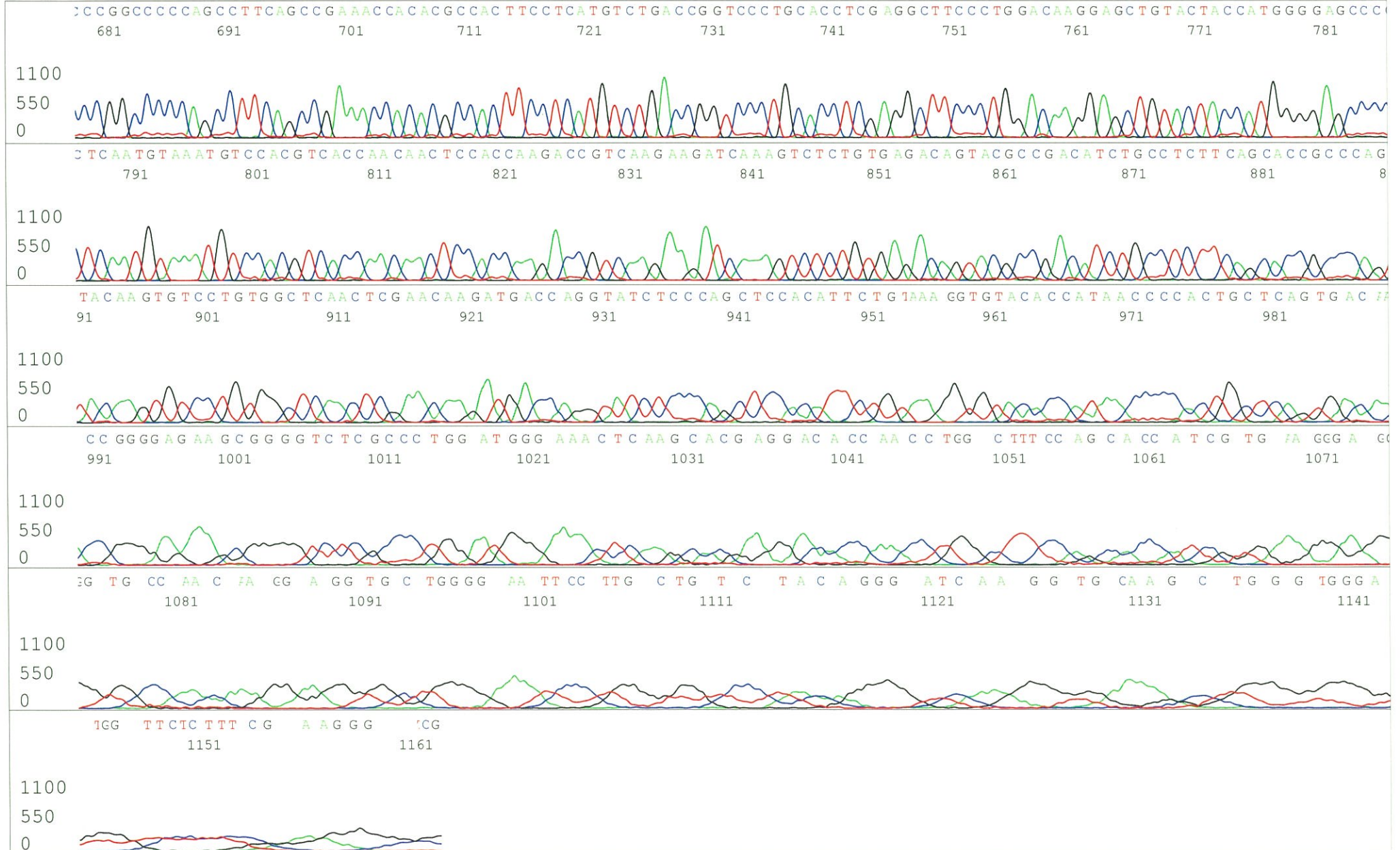
<http://dna.brc.riken.jp/index.html>



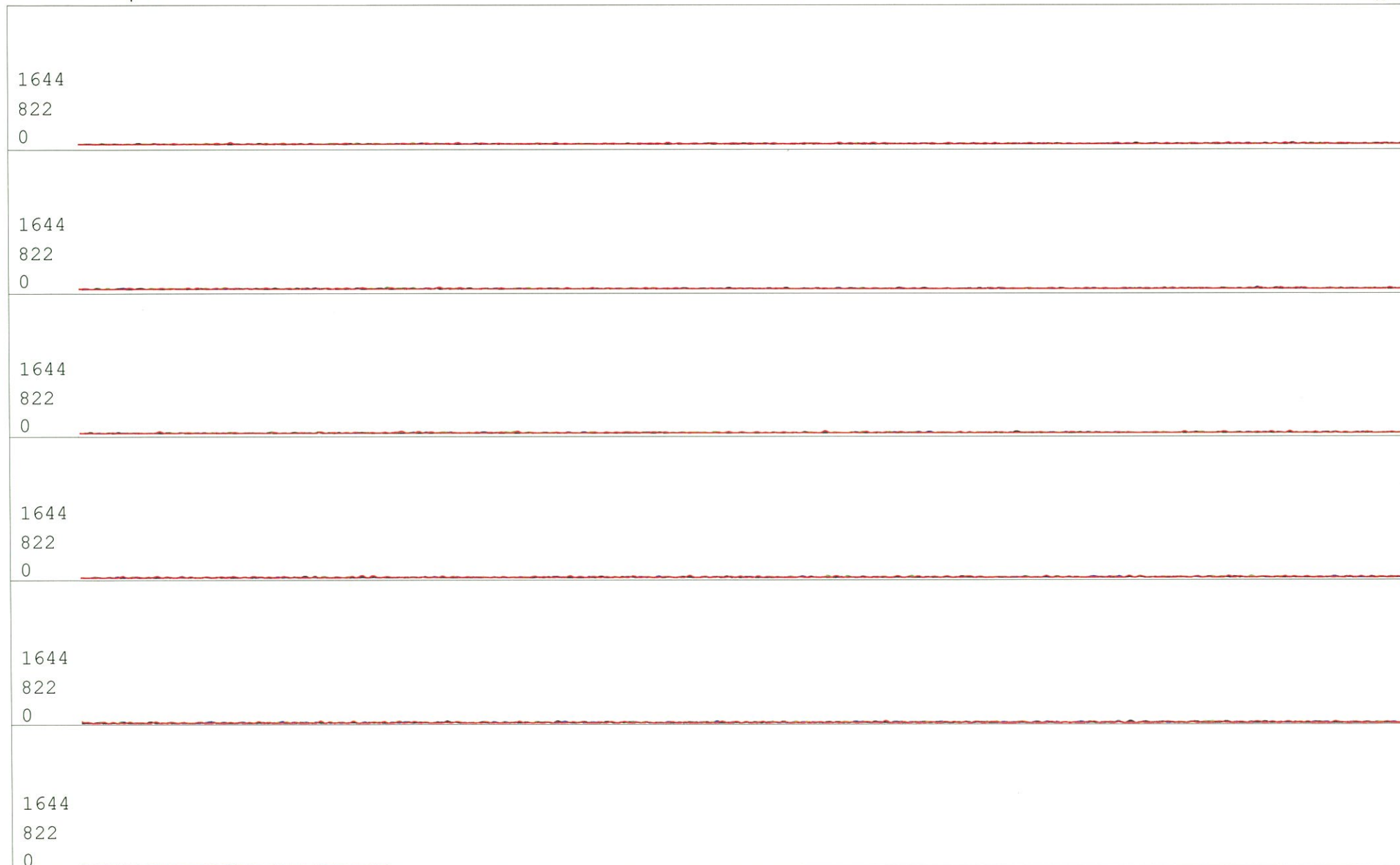
S/N G:83 A:94 T:70 C:116 Primer A : Reverse2
 KB.bcp
 KB 1.4.1.8 Cap:8 5' GCGGATAACAATTTTCACACAGG 3'



S/N G:83 A:94 T:70 C:116
KB.bcp
KB 1.4.1.8 Cap:8



S/N G:24 A:24 T:30 C:17
KB.bcp
KB 1.4.1.8 Cap:11

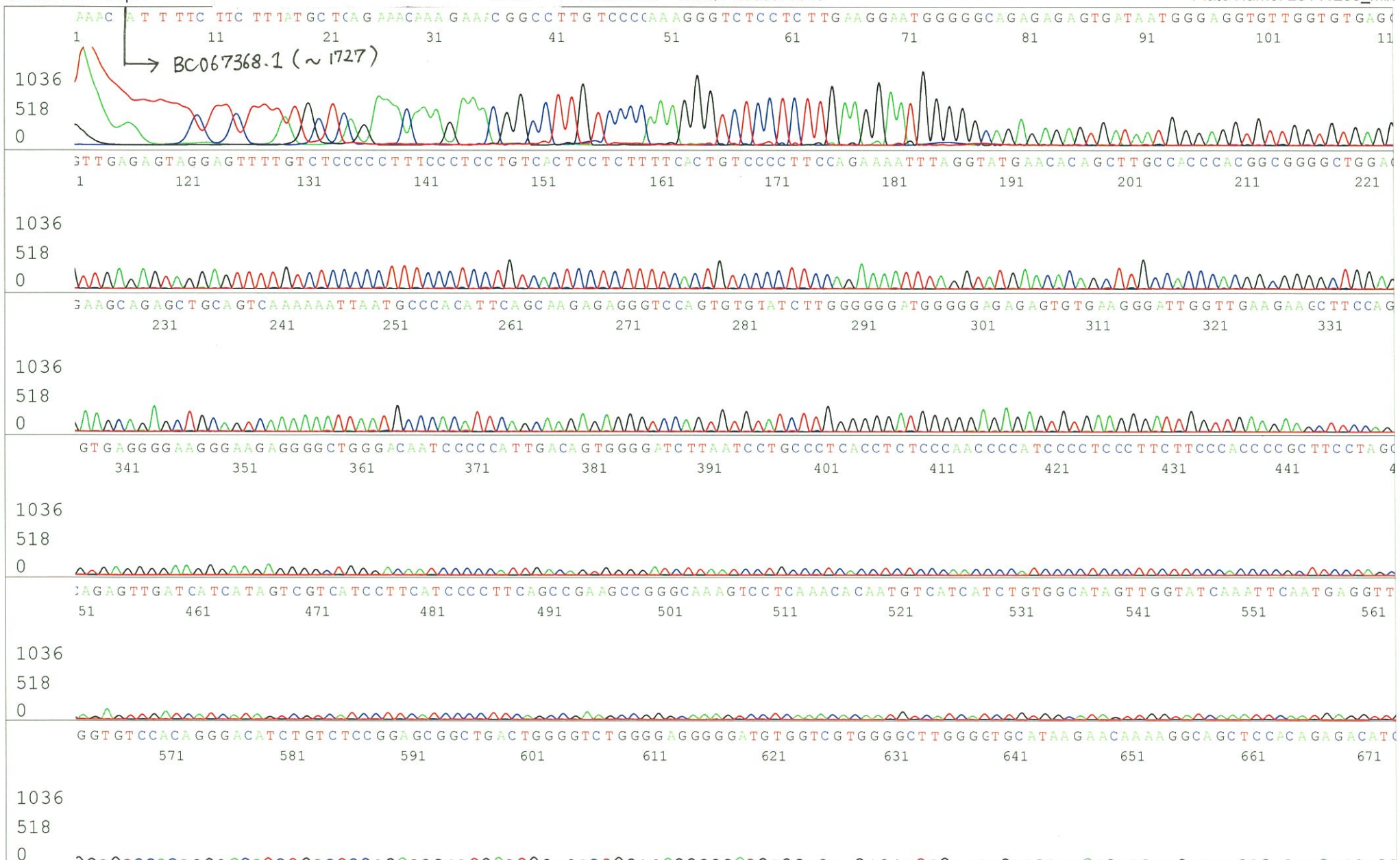


S/N G:511 A:284 T:170 C:17
KB.bcp
KB 1.4.1.8 Cap:5

Primer C : Poly(A) region primer #26
5' TTTTTTTTTTTTTTTTTTTTTT GCT 3'

IRAK139L22_A4KI_GNP26
KB_3500_POP7_BDTv3.mob
Pts 1374 to 13553 Pk1 Loc:1351
Version 5.4 HiSQV Bases: 1043

Dec 05,2014 09:51AM, JST
Dec 05,2014 10:17AM, JST
Spacing:11.91 Pts/Panel1350
Plate Name: 20141205_mix



S/N G:511 A:284 T:170 C:170
KB.bcp
KB 1.4.1.8 Cap:5

