

RIKEN Clone ID : IRAK004J10

Lot#: 7893_A6K7

Vector : pCMV-SPORT6

Gene	SGOL1	
Accession No.	BC001339.2	1757 bp
	<i>CDS</i>	1525 bp

● Plasmid DNA purification

Date : 161109

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

Date : 161110

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 161110

DNA concentration (O.D.): 310 ng/ul

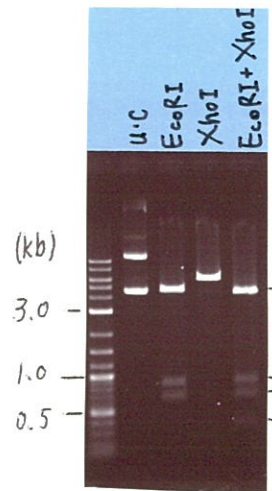
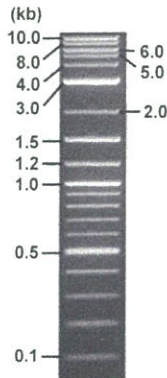
< Size of fragment expected from this clone >

DNA	0.3	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.7	ul
Total	10	ul

EcoRI	4.6, 0.85, 0.63	kb
XhoI	6.1	kb
EcoRI + XhoI	4.3kb (Vector)	0.85, 0.63, 0.32

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 161111

DNA (<u>310</u> ng/ul)	<u>85.0</u>	ul
10x TE	<u>105.4</u>	ul
dH ₂ O	<u>863.6</u>	ul
Total	<u>1054.0</u>	ul

● Confirmation of the insertion sequence

Date : 161111

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:60 A:96 T:78 C:83

Primer A : Reverse2

IRAK004J10_A6K7_2_Reverse2

Nov 10,2016 11:36PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Nov 11,2016 12:02AM, JST

KB 1.4.1.8 Cap:2

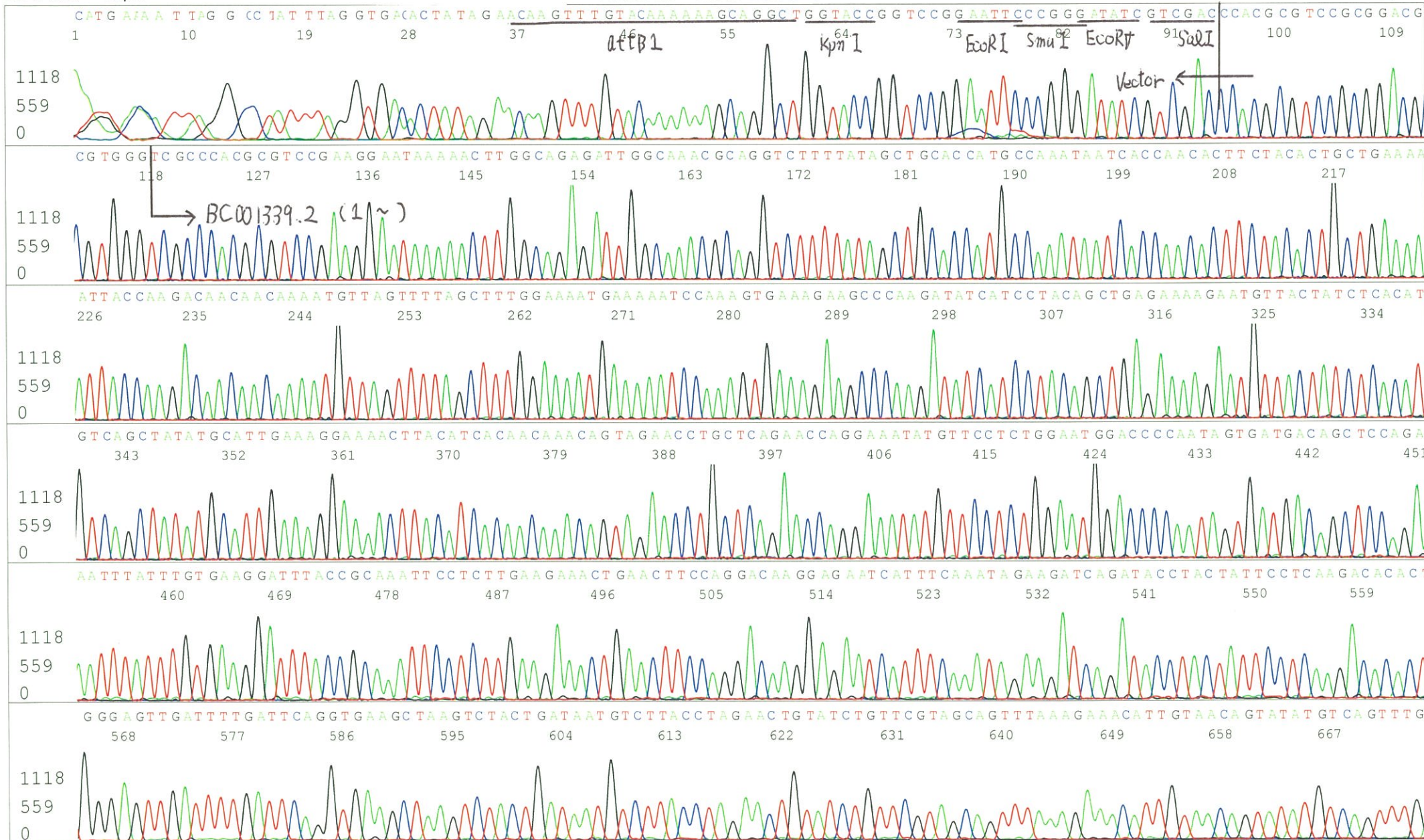
5' GCGGATAACAATTTTCACACAGG 3'

Pts 1341 to 13773 PK1 Loc:1318

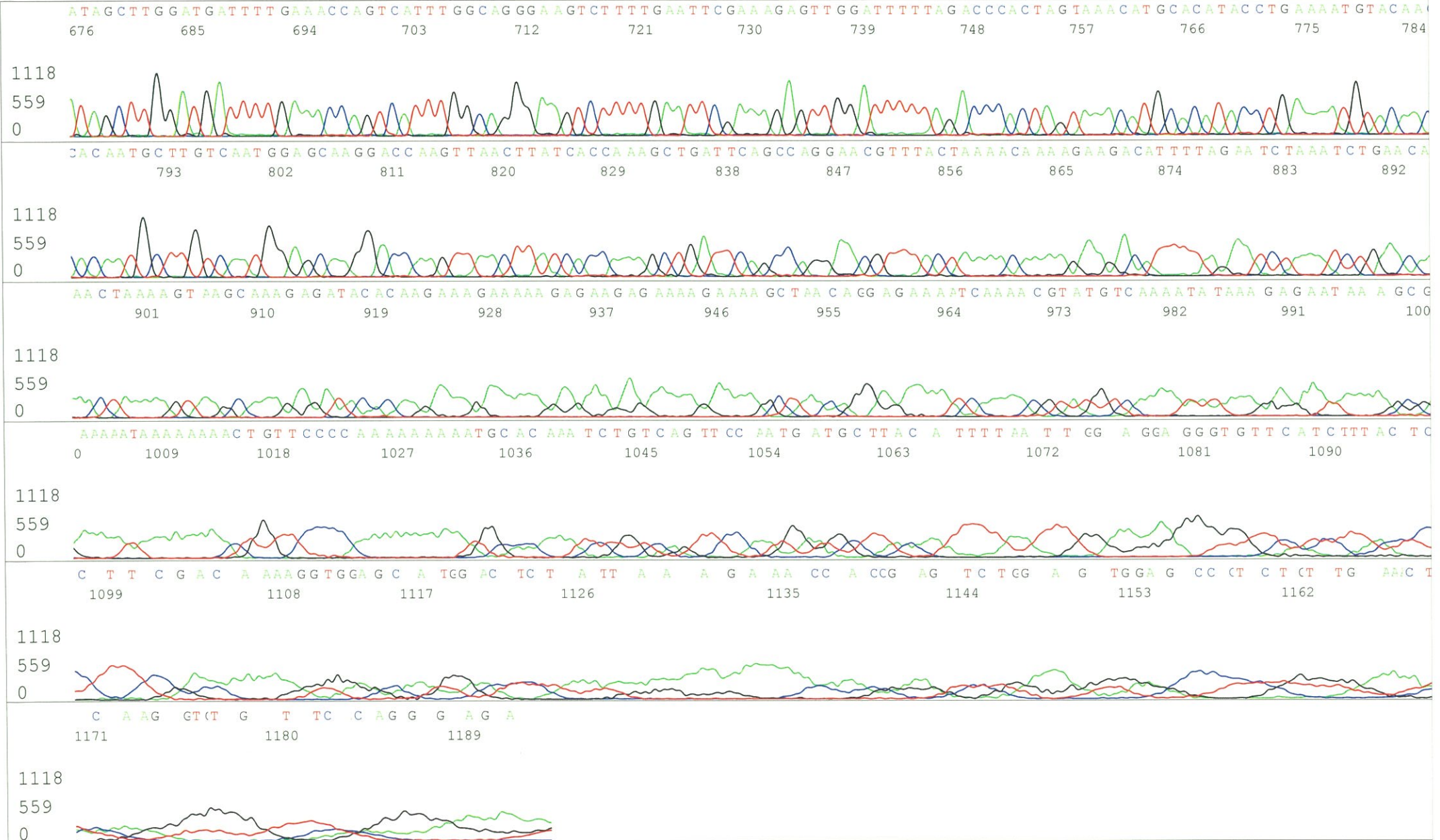
Spacing:12.26 Pts/Panel1350

Version 6.0 HiSQV Bases: 1021

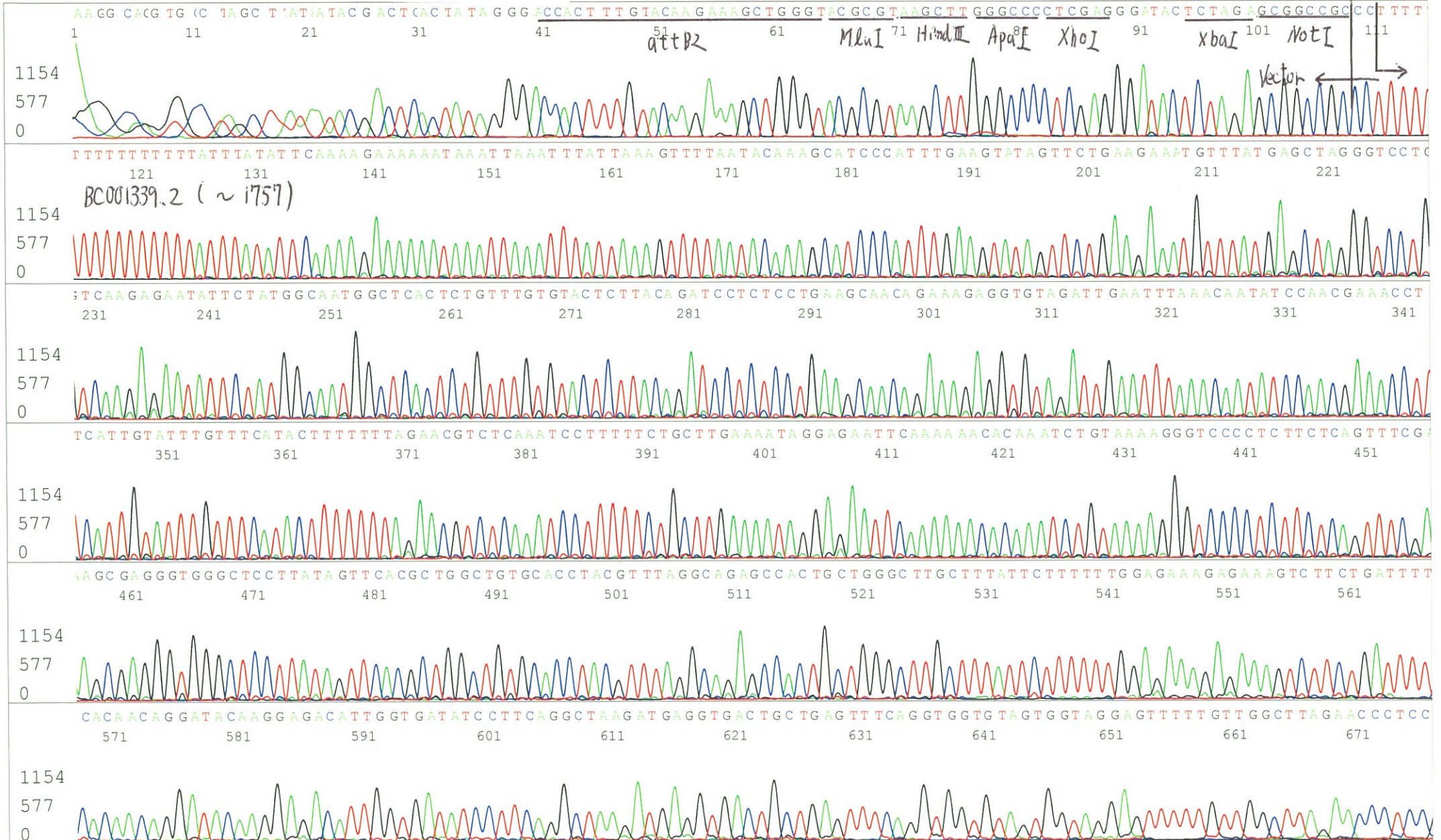
Plate Name: 20161110_GNP



S/N G:60 A:96 T:78 C:83
KB.bcp
KB 1.4.1.8 Cap:2



S/N G:88 A:102 T:167 C:130 Primer B : M13
KB.bcp
KB 1.4.1.8 Cap:3 5' GTTTTCCCAGTCACGACGTTGTA 3'



S/N G:88 A:102 T:167 C:130
KB.bcp
KB 1.4.1.8 Cap:3

