

RIKEN Clone ID : IRAL012M20

Lot#: 7566_A3I2

Vector : pOTB7

Gene	ADAT1	
Accession No.	BC002758.2	1878 bp
	<i>CDS</i>	1509 bp
		1..1878
		116..1624

● Plasmid DNA purification

Date : 130902

Culture : LB (25 ug/ml Chloramphenicol) 5 ml -> at 37 deg C over night

Date : 130904

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 130904

DNA concentration (O.D.): 228 ng/ul

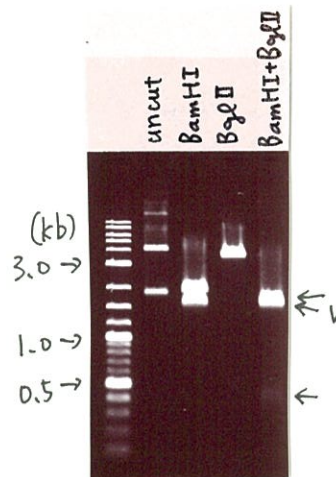
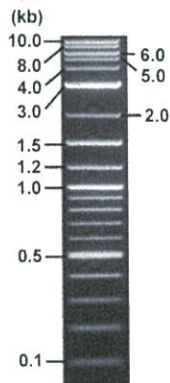
< Size of fragment expected from IRAL012M20 >

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

BamHI	2007, 1672 bp
BglII	3679 bp
BamHI + BglII	1615bp (Vector) 1672, 392 bp

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 130905

● Adjustment of DNA concentration

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/ul

Date : 130905

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	Poly(A) region primer #0
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

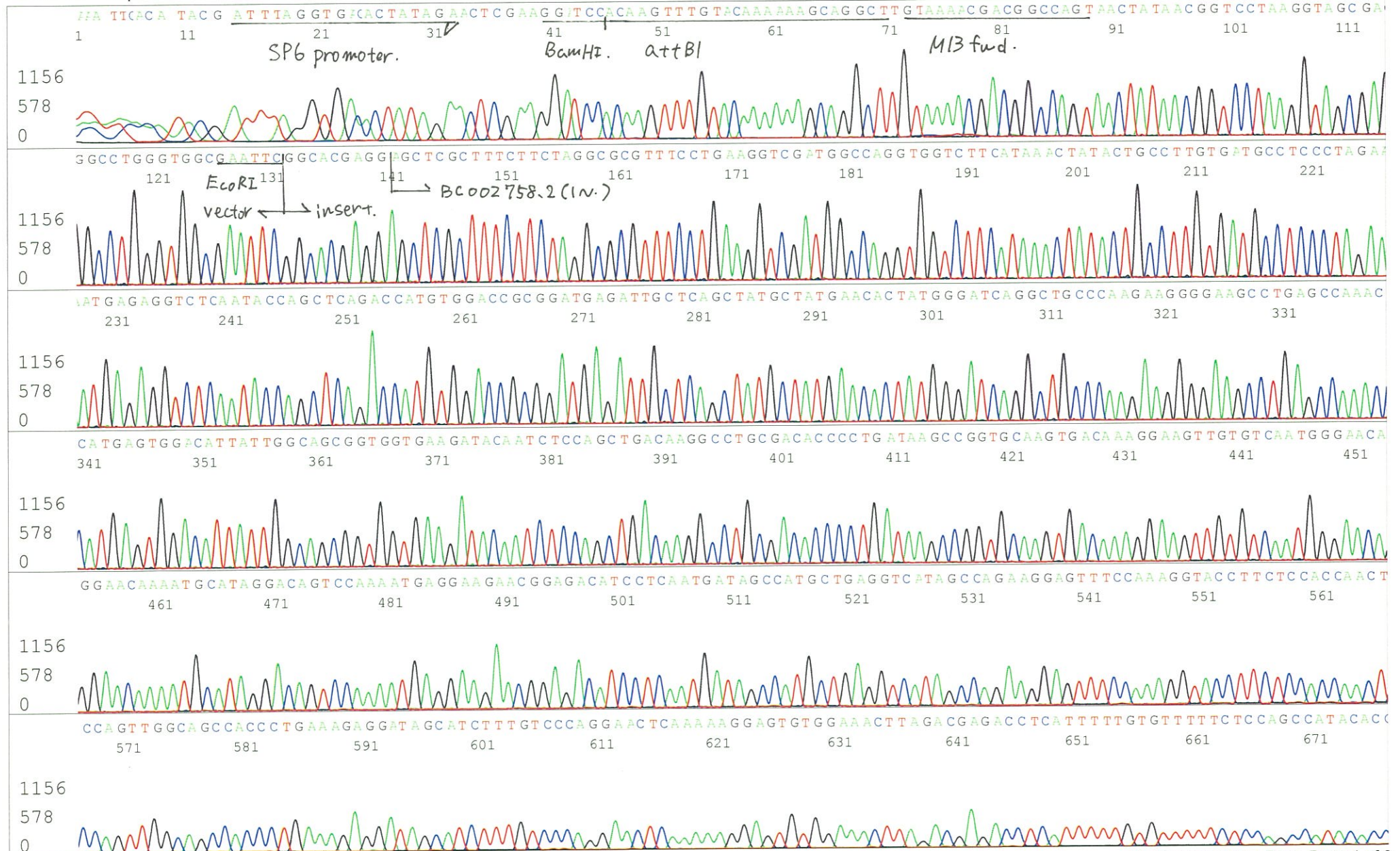
DNA (228 ng/ul)	80.0 ul
10x TE	73.0 ul
dH ₂ O	576.6 ul
Total	729.6 ul

APPROVED BY :

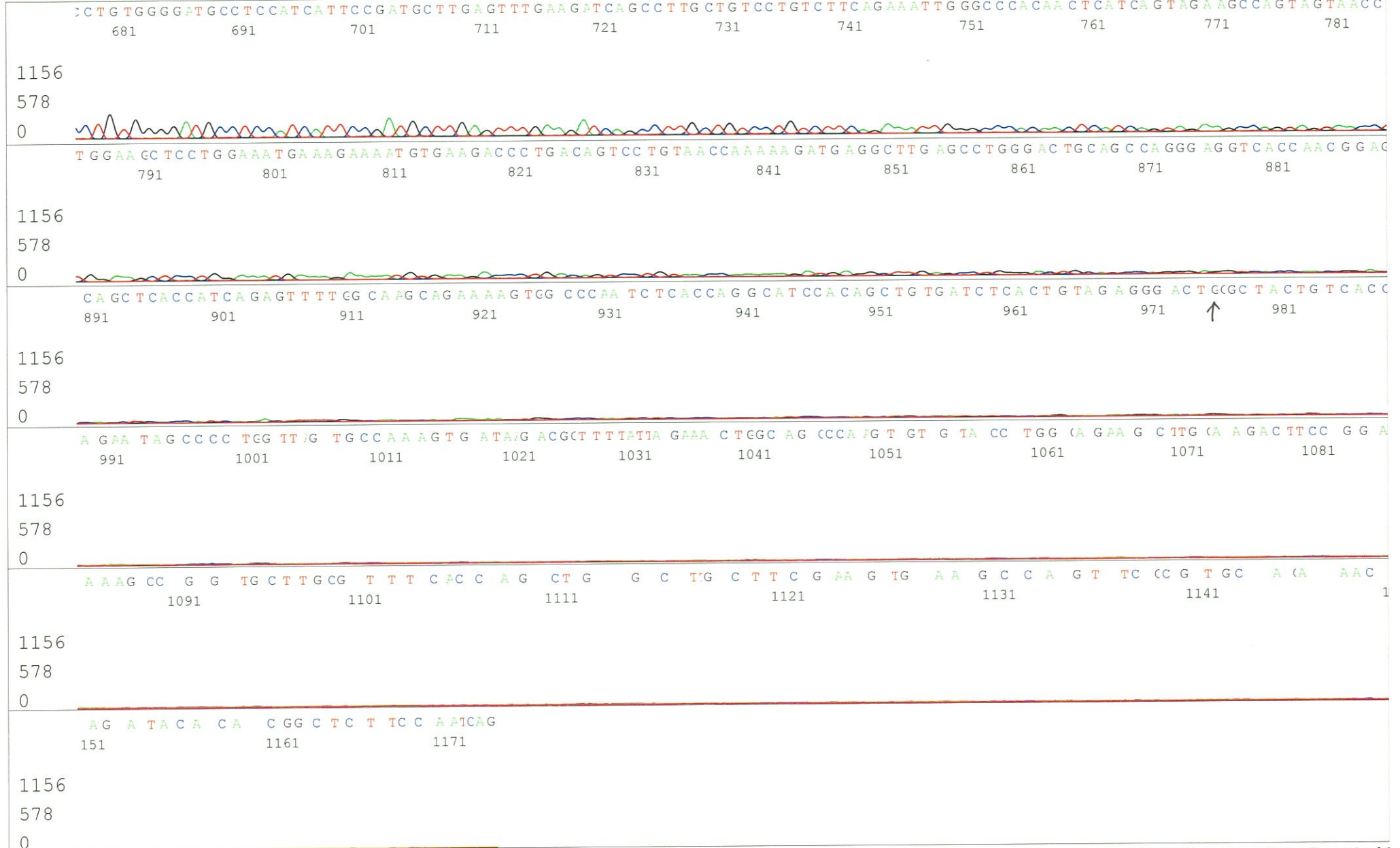
<http://dna.brc.riken.jp/index.html>



S/N G:405 A:301 T:235 C:2 Primer A: pOTB7-F
KB.bcp
KB 1.4.1.8 Cap:13 5' AACGCGGCTACAATTAATACATAACC 3'

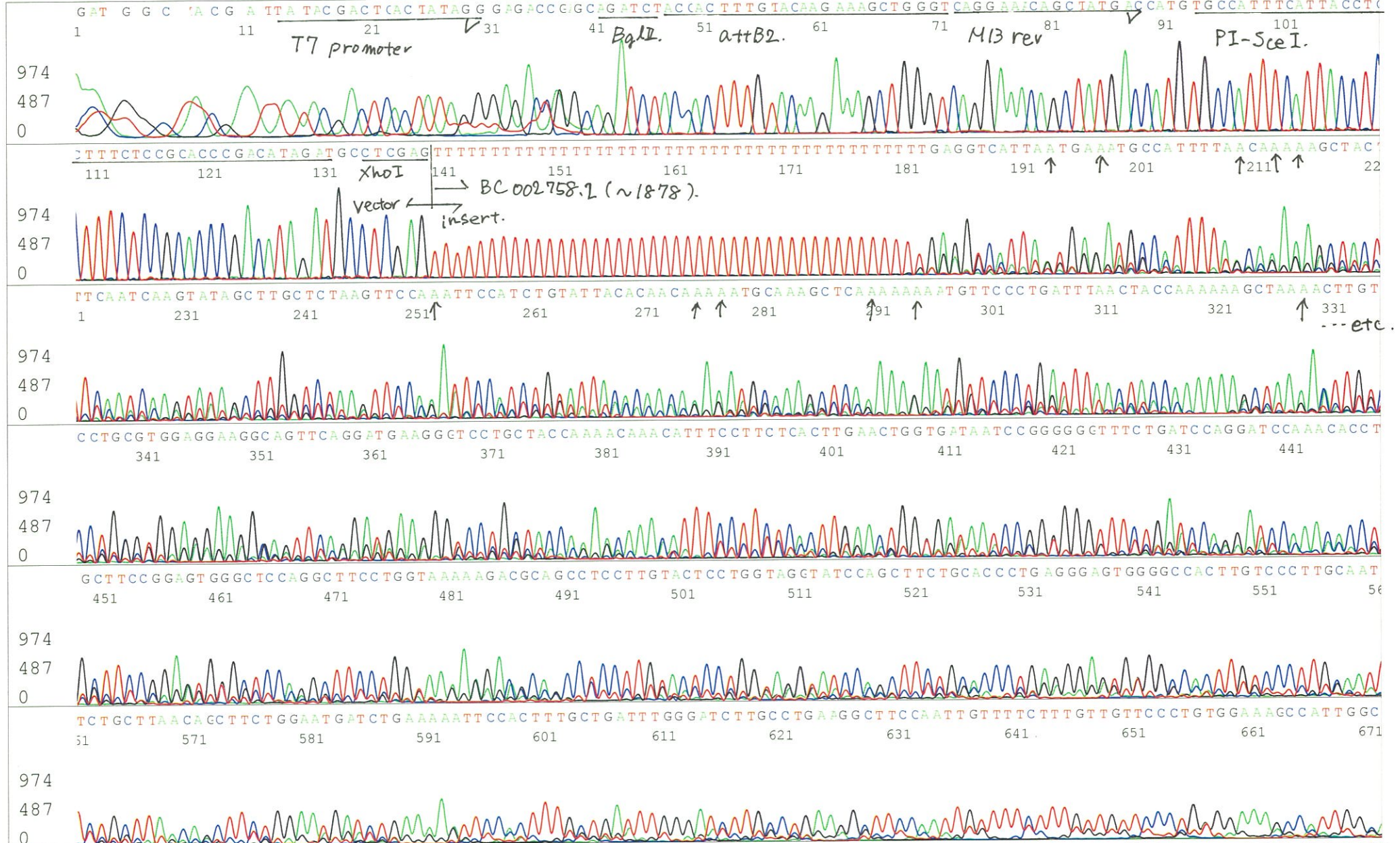


S/N G:405 A:301 T:235 C:222
KB.bcp
KB 1.4.1.8 Cap:13



S/N G:627 A:418 T:483 C:339
KB.bcp
KB 1.4.1.8 Cap:16

Primer B: pOTB7-R
5' GTACTGCAGCCGATTCATTAATGC 3'



S/N G:627 A:418 T:483 C:339
KB.bcp
KB 1.4.1.8 Cap:16



S/N G:41 A:22 T:23 C:19

Primer C : Poly(A) region primer # 0

IRAL012M20_A3I2_GNPmixture

Sep 05,2013 11:02AM, JST

KB.bcp

5' TTTTTTTTTTTTTTTTTTTTTT NNN 3'

KB_3500_POP7_BDTv3.mob

Sep 05,2013 11:29AM, JST

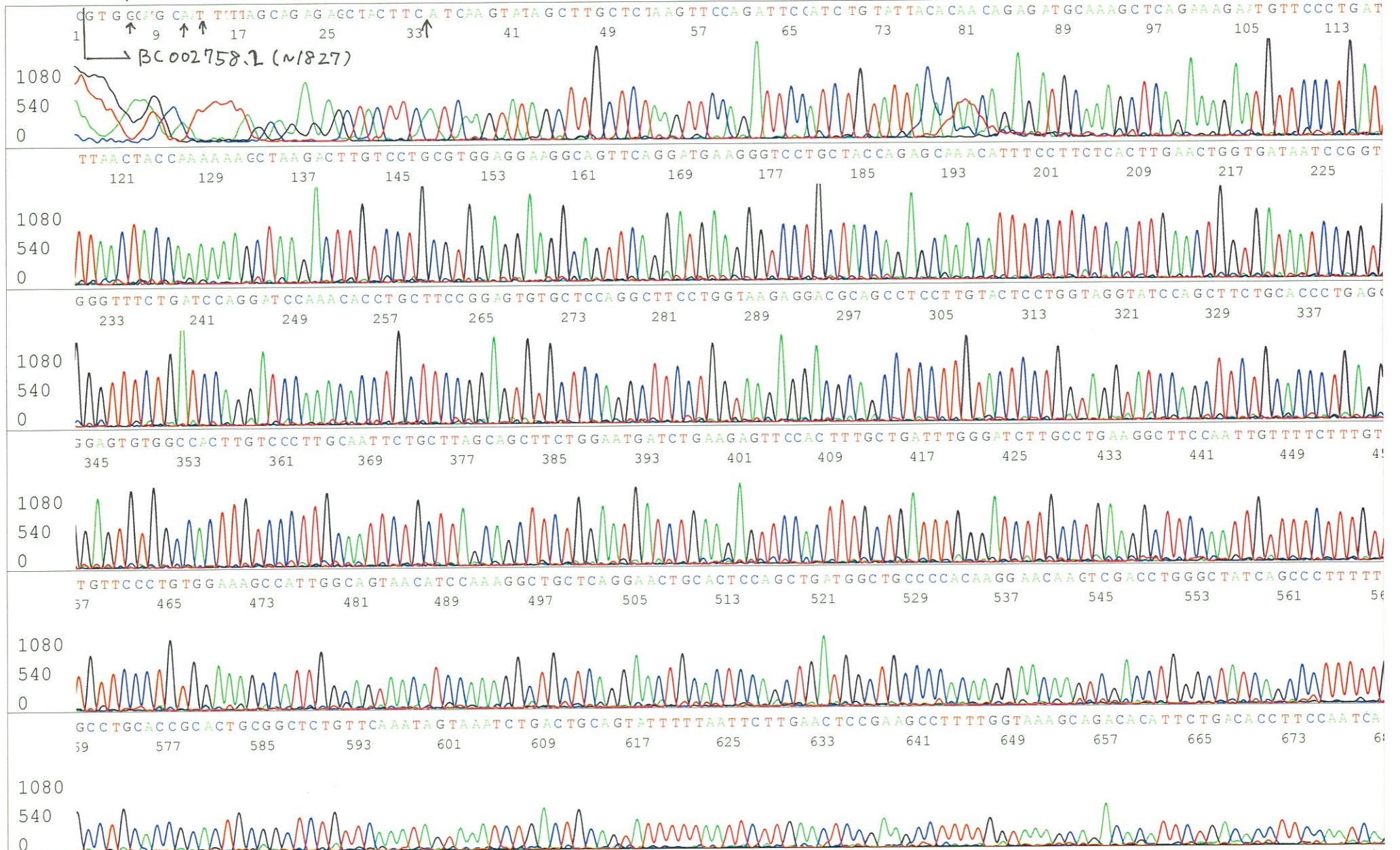
KB 1.4.1.8 Cap:19

Pts 1379 to 13588 Pk1 Loc:1356

Spacing:11.99 Pts/Panel1350

Version 5.4 HiSQV Bases: 814

Plate Name: 20130905_GNP



S/N G:41 A:22 T:23 C:19
KB.bcp
KB 1.4.1.8 Cap:19

