

RIKEN Clone ID : IRAL005M19

Lot#: 7566_A6E^d

Vector : pOTB7

Gene	HPRT1	
Accession No.	BC000578.2	1307 bp
	CDS	657 bp

● Plasmid DNA purification

Date : 160516

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

Date : 160517

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 160517

DNA concentration (O.D.): 3⁹ ng/ul

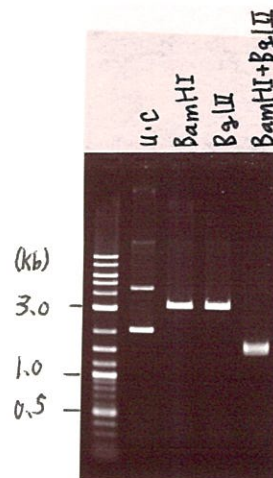
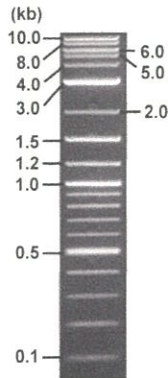
< Size of fragment expected from this clone >

DNA	2.5	ul
Enzyme (BamHI + BglII)	0.5 + 0.5	ul
Buffer H		1 ul
dH ₂ O	5.5	ul
Total		10 ul

BamHI	3.1 kb
BglII	3.1 kb
BamHI + BglII	1.6kb (Vector) 1.5 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 160520

DNA (<u>3⁹</u> ng/ul)	65.0	ul
10x TE	10.1	ul
dH ₂ O	26.3	ul
Total	101.4	ul

● Confirmation of the insertion sequence

Date : 160519

Primer A	pOTB7_F
Primer B	pOTB7_R
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:25 A:21 T:21 C:17

IRAL005M19_A6Ed_pOTB7_F

May 19,2016 04:36PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

May 19,2016 05:02PM, JST

KB 1.4.1.8 Cap:24

Primer A: pOTB7-F

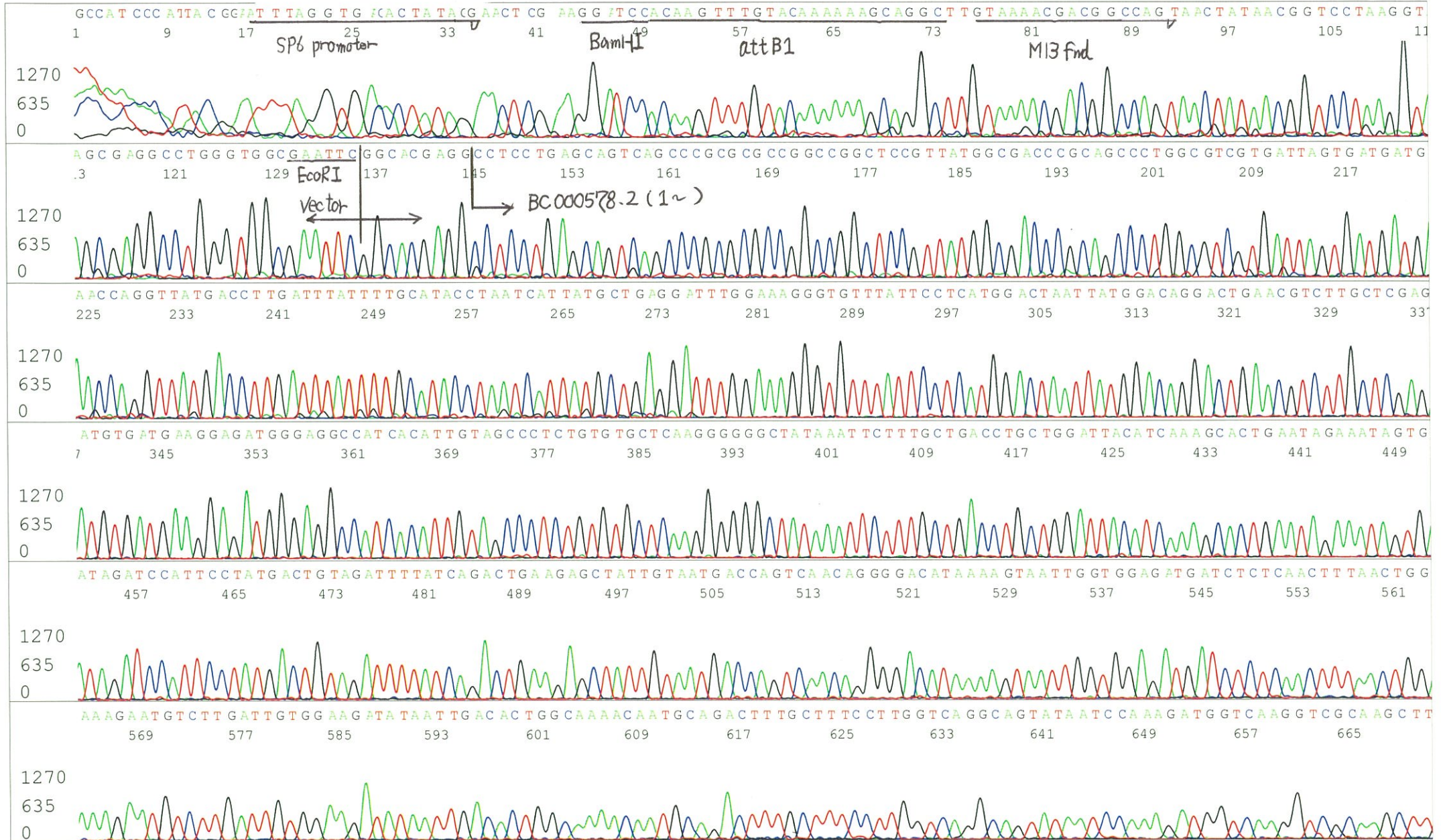
Pts 1606 to 12400 Pk1 Loc:1583

Spacing:10.83 Pts/Panel1350

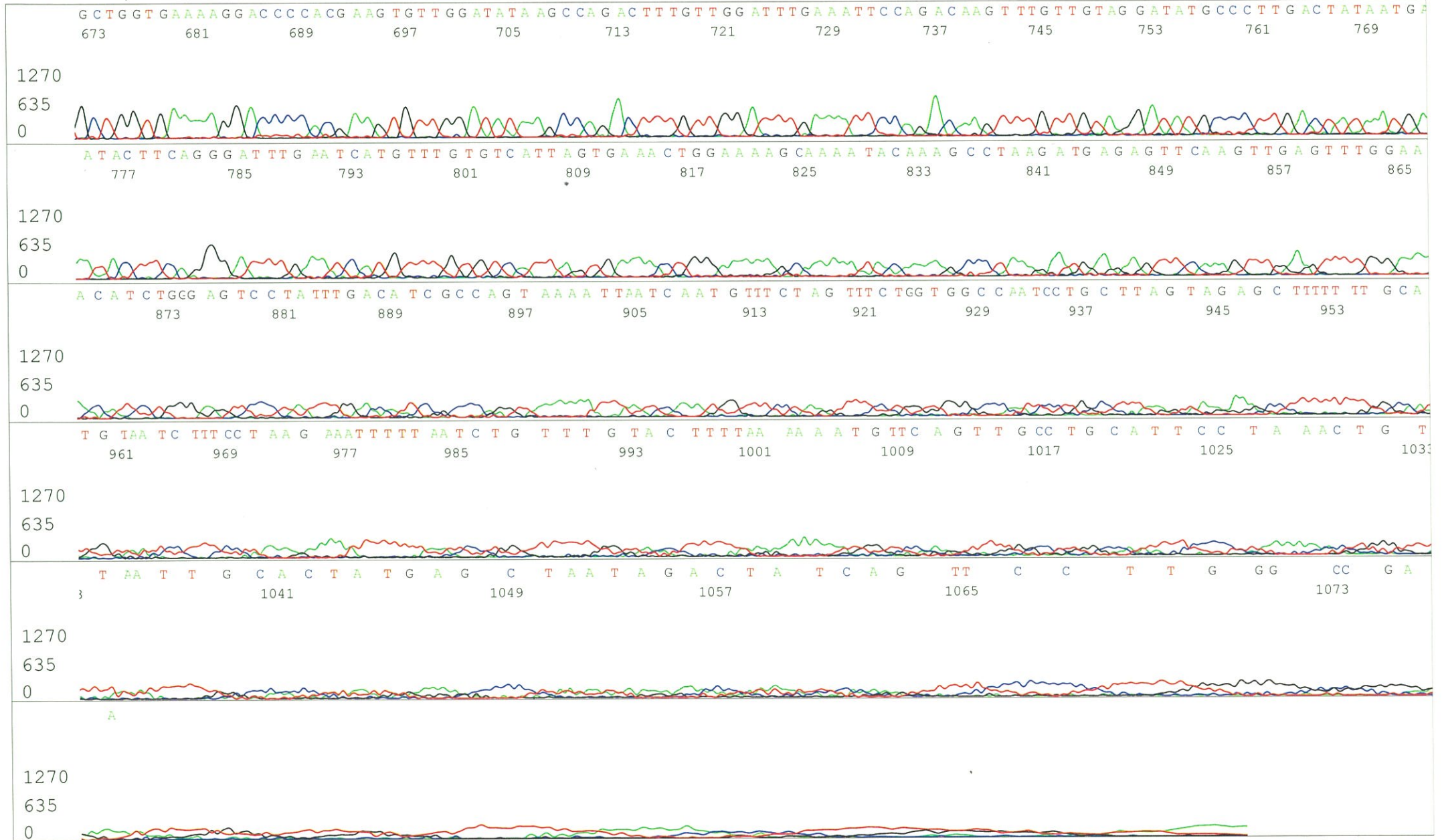
5' AACGCGGCTACAATTAATACATAACC 3'

Version 6.0 HiSQV Bases: 935

Plate Name: 20160519_MGE2

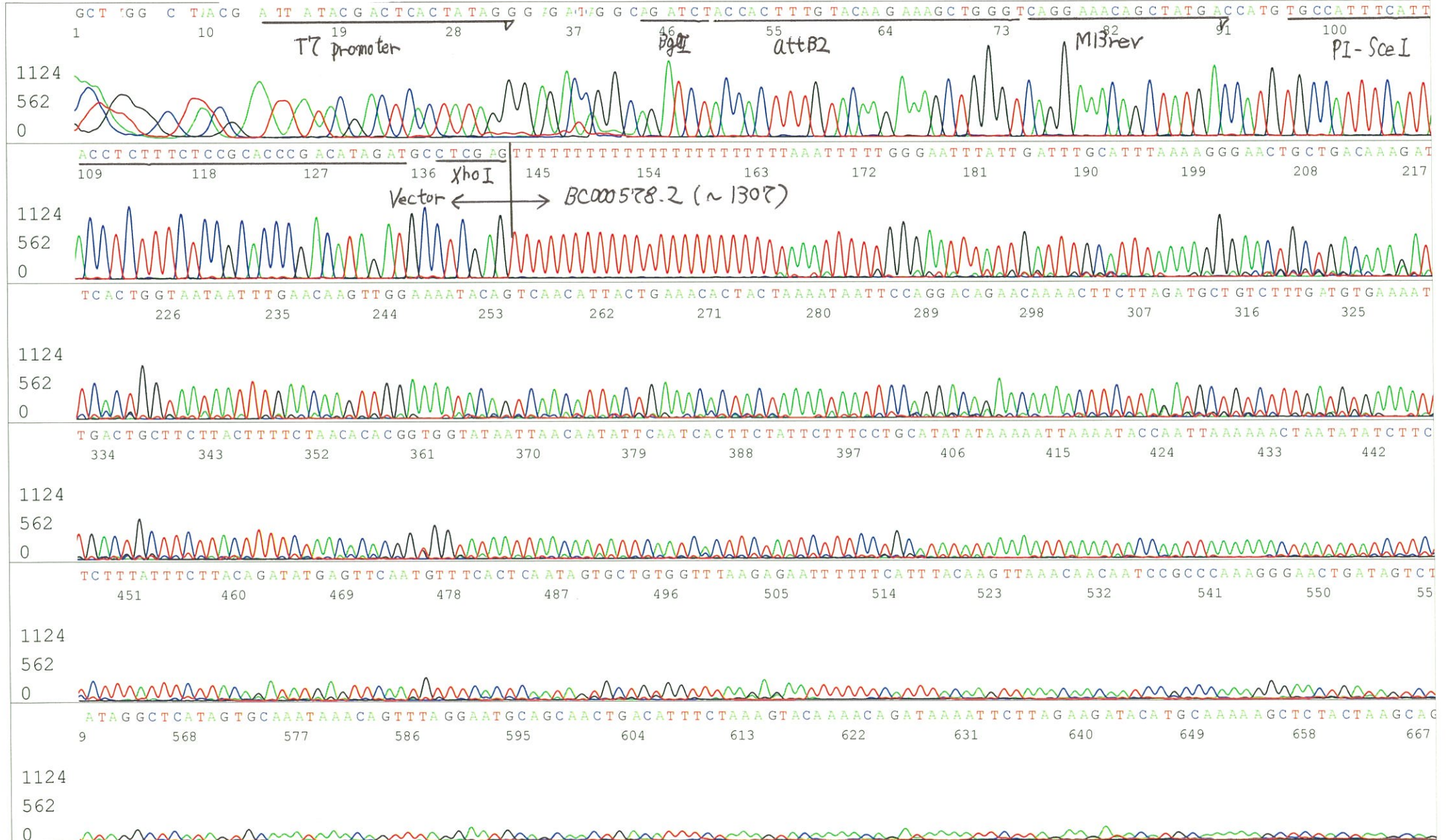


S/N G:25 A:21 T:21 C:17
KB.bcp
KB 1.4.1.8 Cap:24



S/N G:57 A:62 T:63 C:44
KB.bcp
KB 1.4.1.8 Cap:24

Primer B: pOTB7-R
5' GTACTGCAGCCGATTCATTAATGC 3'



S/N G:57 A:62 T:63 C:44
KB.bcp
KB 1.4.1.8 Cap:24

