

**RIKEN Clone ID : H3148B11**

Lot# : 5723\_A6II

Vector : pSPORT1

Gene	Mettl3	
5' EST Sequence	H3148B11-5	327 bp
3' EST Sequence	H3148B11-3	570 bp

● Plasmid DNA purification

Date : 160926

Culture : LB (100 ug/ml Ampicillin) 5 ml → 37°C O/N

Date : 160927

Purification : QIAGEN Miniprep kit → dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 160927

DNA concentration (O.D.): 300 ng/ul

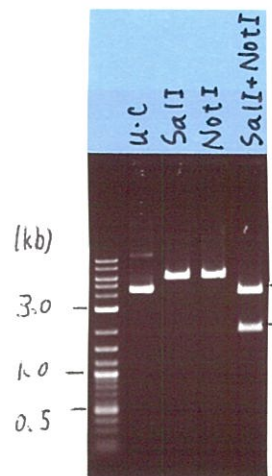
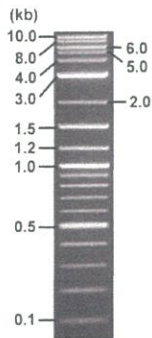
DNA	<u>0.3</u>	ul
Enzyme (Sall + NotI)	<u>0.5 + 0.5</u>	ul
Buffer H	<u>1</u>	ul
dH <sub>2</sub> O	<u>7.7</u>	ul
Total	<u>10</u>	ul

< Size of fragment expected from this clone >

Sall		size unidentified
NotI		size unidentified
Sall + NotI	<u>4.0 kb</u>	size unidentified

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 161003

DNA ( <u>300</u> ng/ul)	<u>83.0</u>	ul
10x TE	<u>99.6</u>	ul
dH <sub>2</sub> O	<u>813.4</u>	ul
Total	<u>996.0</u>	ul

● Shipping

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

Conc. : ng/ul, Volume : ul

APPROVED BY :

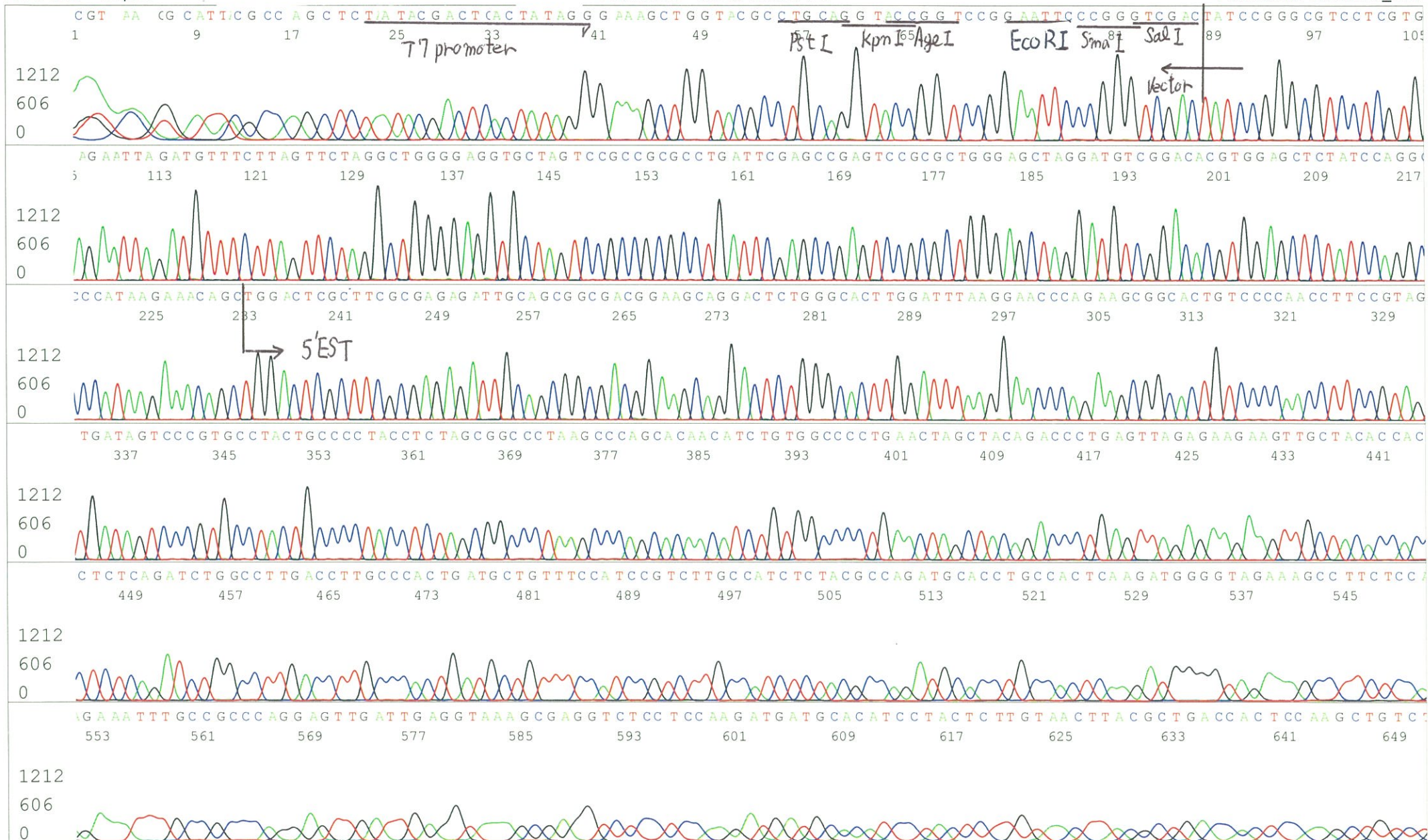


S/N G:517 A:444 T:472 C:614  
KB.bcp  
KB 1.4.1.8 Cap:13

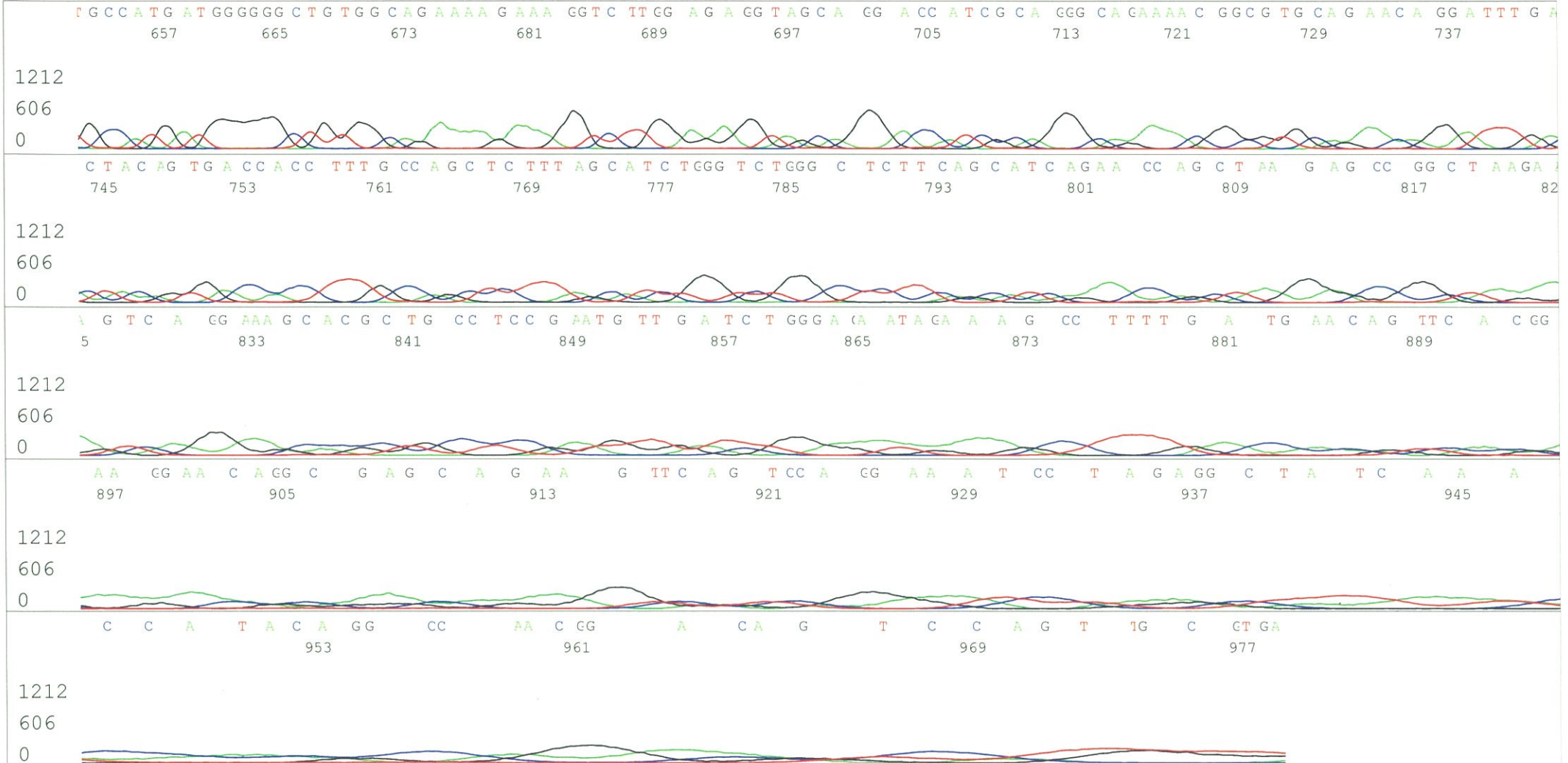
Primer A : Reverse2

5723\_H3148B11\_A6II\_Reverse2  
KB\_3500\_POP7\_BDTv3.mob  
Pts 1668 to 12139 Pk1 Loc:1645  
Version 6.0 HiSQV Bases: 724

Sep 29,2016 06:44PM, JST  
Sep 29,2016 07:11PM, JST  
Spacing:11.37 Pts/Panel1350  
Plate Name: 20160929\_GNP



S/N G:517 A:444 T:472 C:614  
KB.bcp  
KB 1.4.1.8 Cap:13



S/N G:356 A:318 T:419 C:406 Primer B : M13

5723\_H3148B11\_A6II\_M13(-40)

Sep 29,2016 06:44PM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Sep 29,2016 07:11PM, JST

KB 1.4.1.8 Cap:16

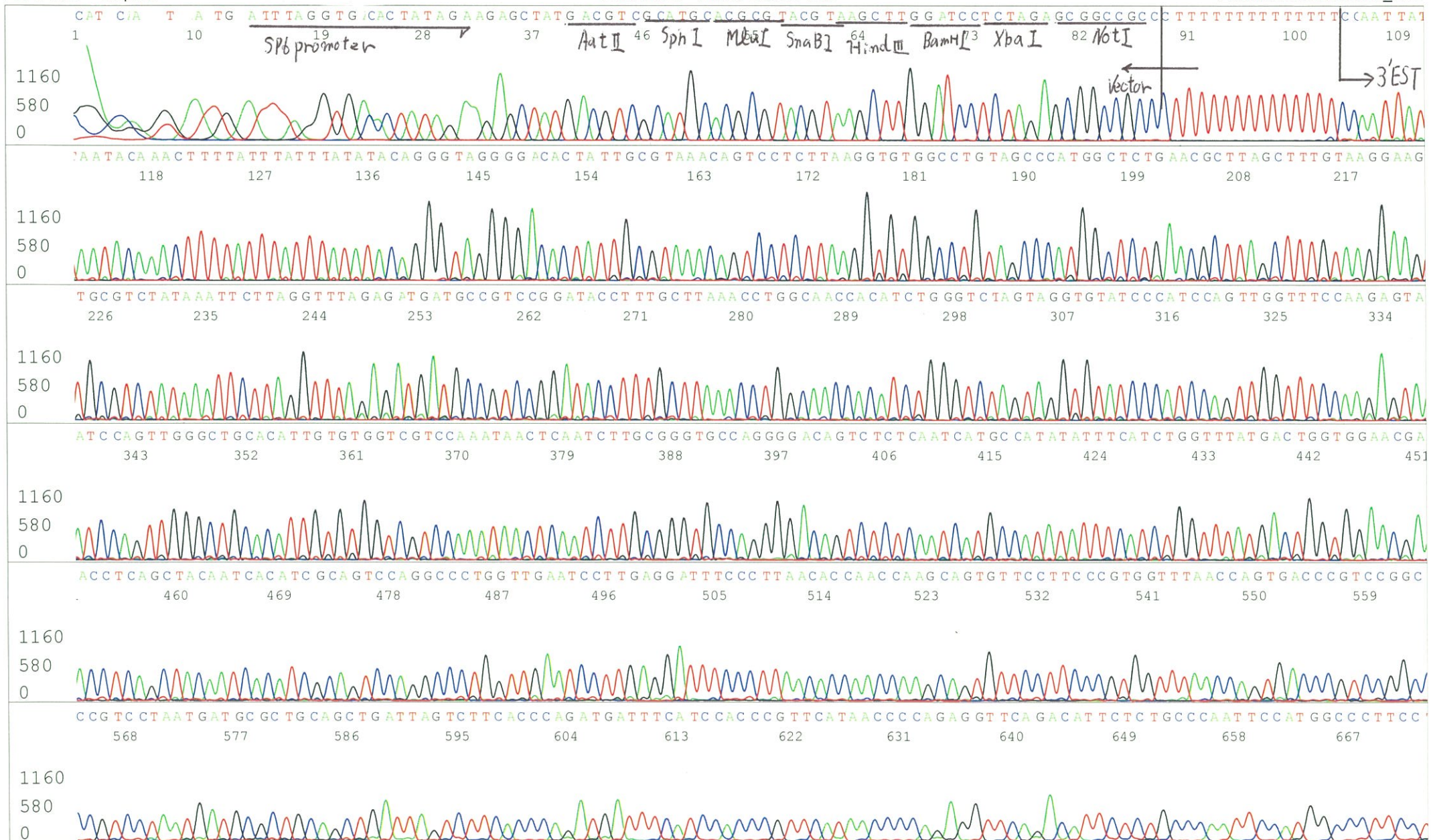
5' GTTTCCCGAGTCACGACGTTGTA 3'

Pts 1517 to 12661 Pk1 Loc:1494

Spacing:11.28 Pts/Panel1350

Version 6.0 HiSQV Bases: 945

Plate Name: 20160929\_GNP



S/N G:356 A:318 T:419 C:406  
KB.bcp  
KB 1.4.1.8 Cap:16

