

RIKEN Clone ID : H3003F10

Lot# : 5723_A3Kr

Vector : pSPORT1

| | | |
|-----------------|------------|-------|
| Gene | Id1 | |
| 5' EST Sequence | H3003F10-5 | 611bp |
| 3' EST Sequence | H3003F10-3 | 597bp |

● Plasmid DNA purification

Date : 13 11 28

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

Date : 13 11 29

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 13 11 29

DNA concentration (O.D.): 185 ng/ul

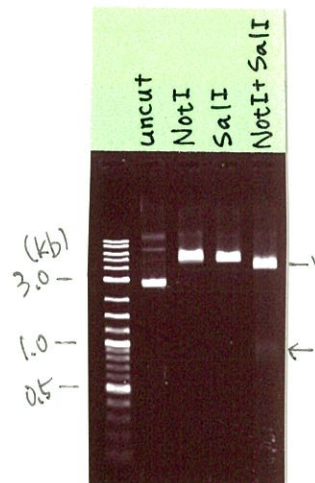
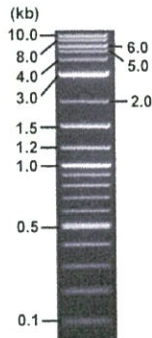
<Size of fragments expected from H3003F10 >

| | |
|----------------------|---------------------|
| DNA | <u>0.2</u> ul |
| Enzyme (NotI + SalI) | <u>0.5 + 0.5</u> ul |
| Buffer H | <u>1</u> ul |
| dH ₂ O | <u>7.8</u> ul |
| Total | <u>10</u> ul |

| | |
|-------------|----------------------|
| NotI | 4988 bp |
| SalI | 4988 bp |
| NotI + SalI | 4091(vector), 897 bp |

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul ~preparation for shipping~

Date : 13 12 04

Shipping amount : 40 ul

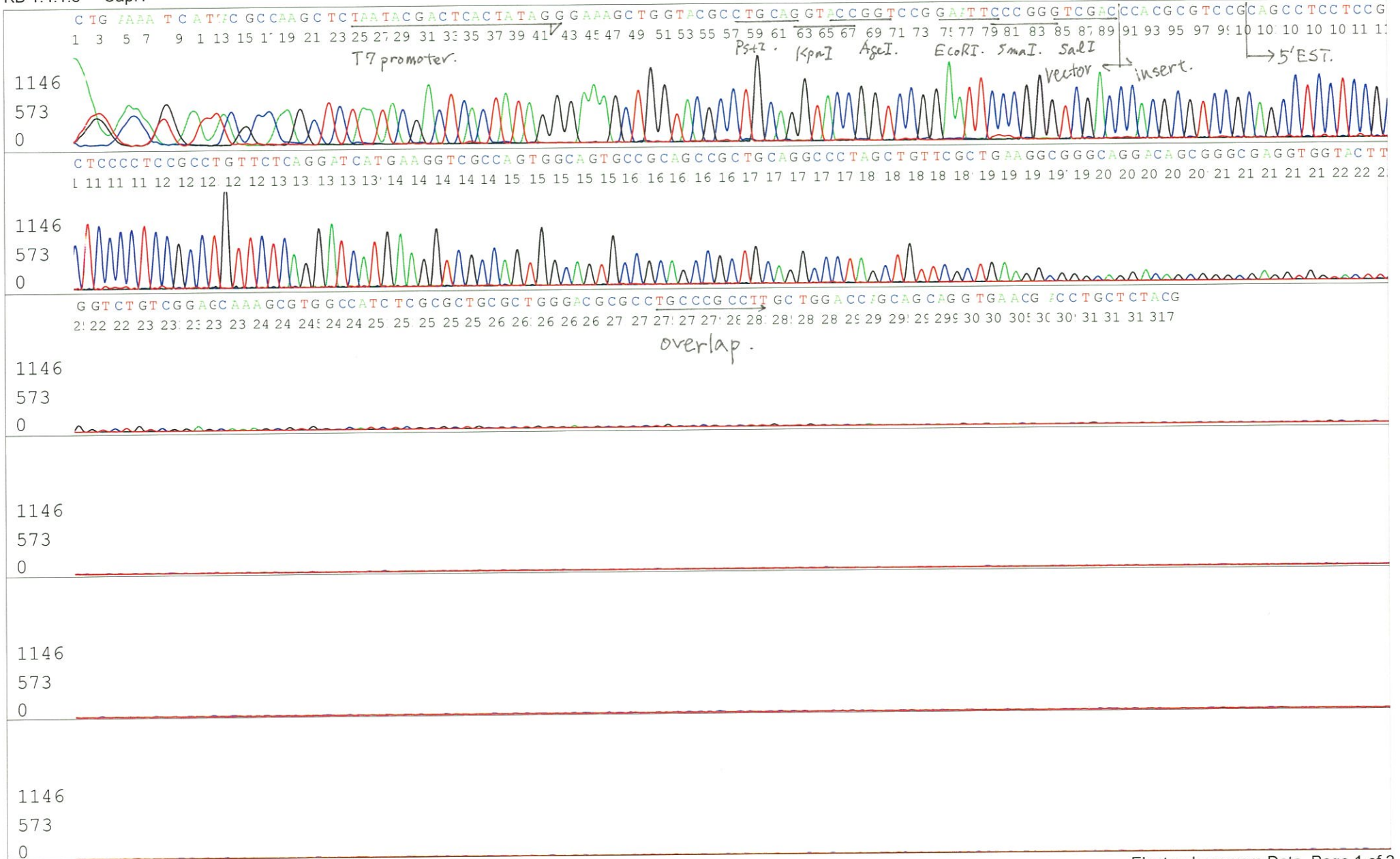
Concentration at the time of preparation of plasmid DNA : 25 ng/ul

| | |
|-------------------------|-----------------|
| DNA (<u>185</u> ng/ul) | <u>82.0</u> ul |
| 10x TE | <u>60.7</u> ul |
| dH ₂ O | <u>464.1</u> ul |
| Total | <u>606.8</u> ul |

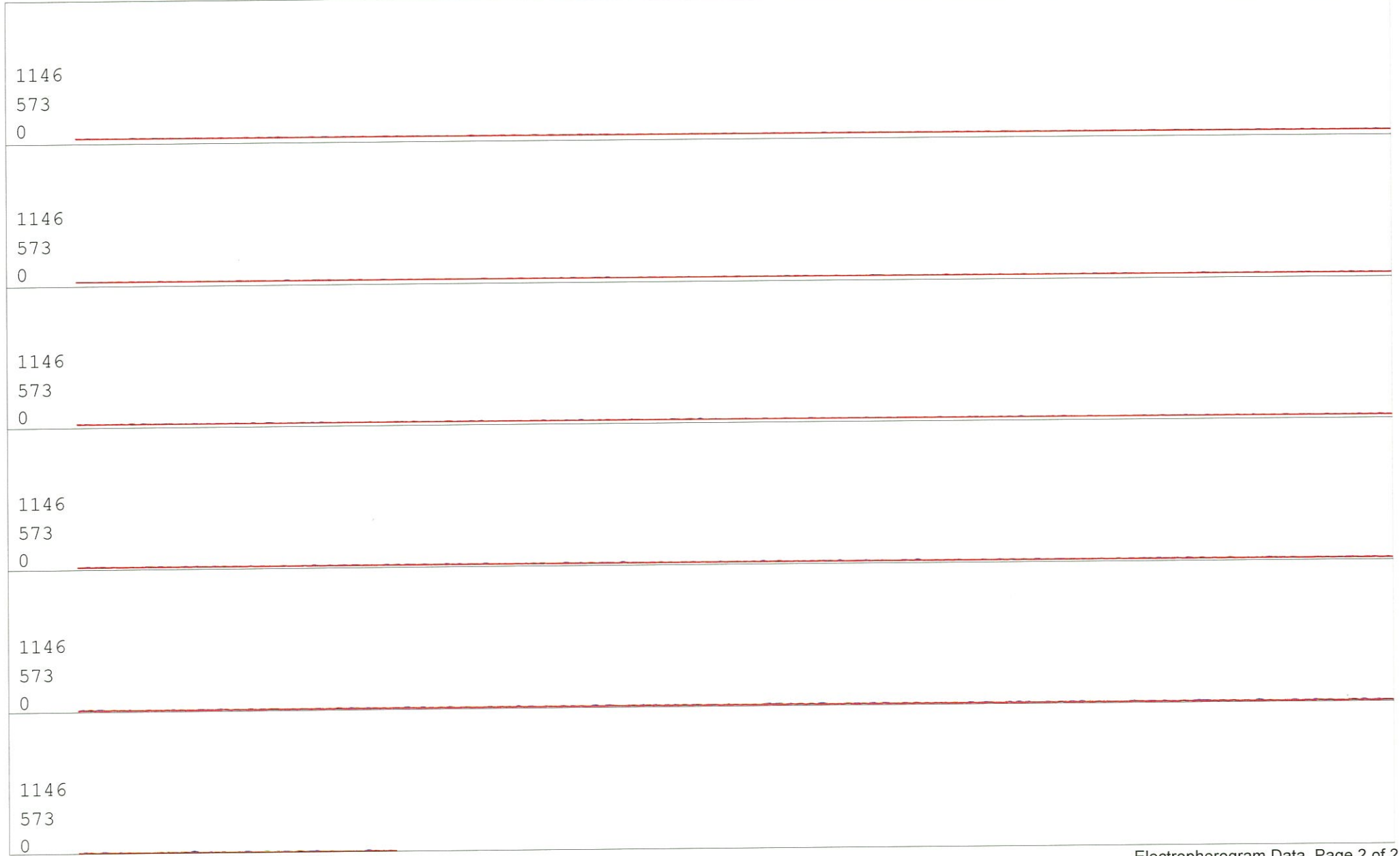
APPROVED BY :



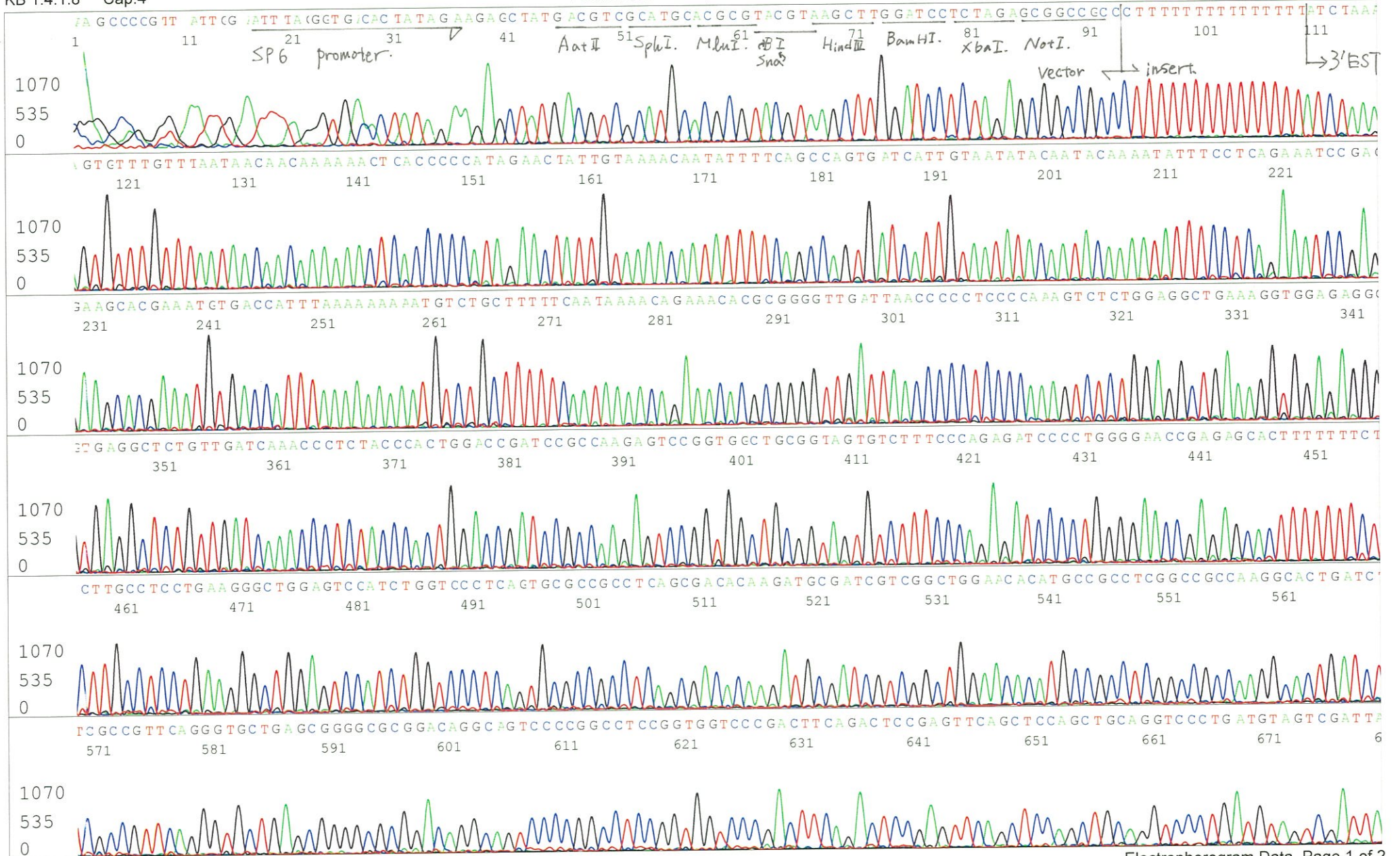
S/N G:102 A:48 T:44 C:5 Primer A : Reverse2
KB.bcp
KB 1.4.1.8 Cap:1 5' GCGGATAACAATTTTCACACAGG 3'



S/N G:102 A:48 T:44 C:54
KB.bcp
KB 1.4.1.8 Cap:1



S/N G:21 A:17 T:18 C:14 Primer B : M13
KB.bcp
KB 1.4.1.8 Cap:4
5' GTTTTCCCAGTCACGACGTTGTA 3'



S/N G:21 A:17 T:18 C:14
KB.bcp
KB 1.4.1.8 Cap:4

