

RIKEN Clone ID : H3134E07

Lot# : 5723_A4Fq

Vector : pSPORT1

Gene	Adcy1	
5' EST Sequence	H3134E07-5	496bp
3' EST Sequence	H3134E07-3	532bp

● Plasmid DNA purification

Date : 140626

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

Date : 140627

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 140627

DNA concentration (O.D.): 141 ng/ul

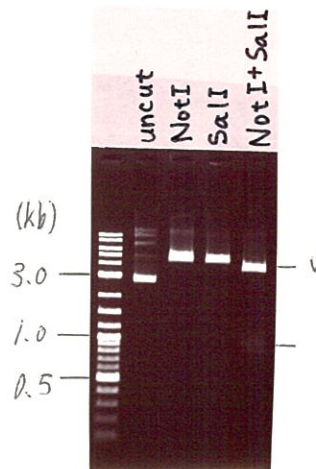
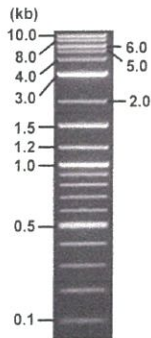
<Size of fragments expected from H3134E07 >

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

NotI		size unidentified
SalI		size unidentified
NotI + SalI	<u>4091,</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 : 140707

DNA (<u>141</u> ng/ul)	<u>85.0</u>	ul
10x TE	<u>47.9</u>	ul
dH ₂ O	<u>346.5</u>	ul
Total	<u>479.4</u>	ul

● Shipping

Conc. : 25 ng/μl, Volume : 40 μl
 ~~Conc. : ng/μl, Volume : μl~~

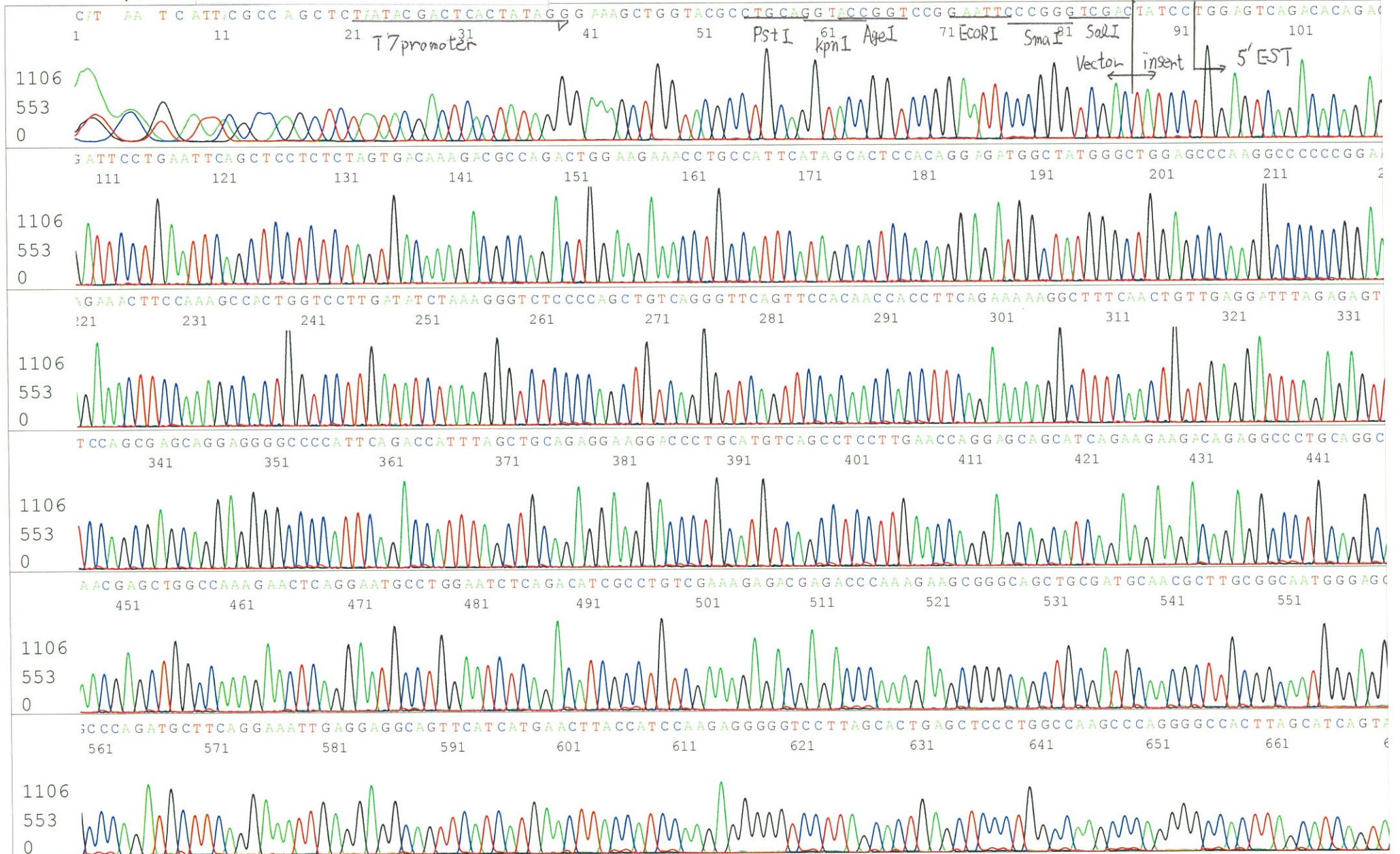
APPROVED BY :



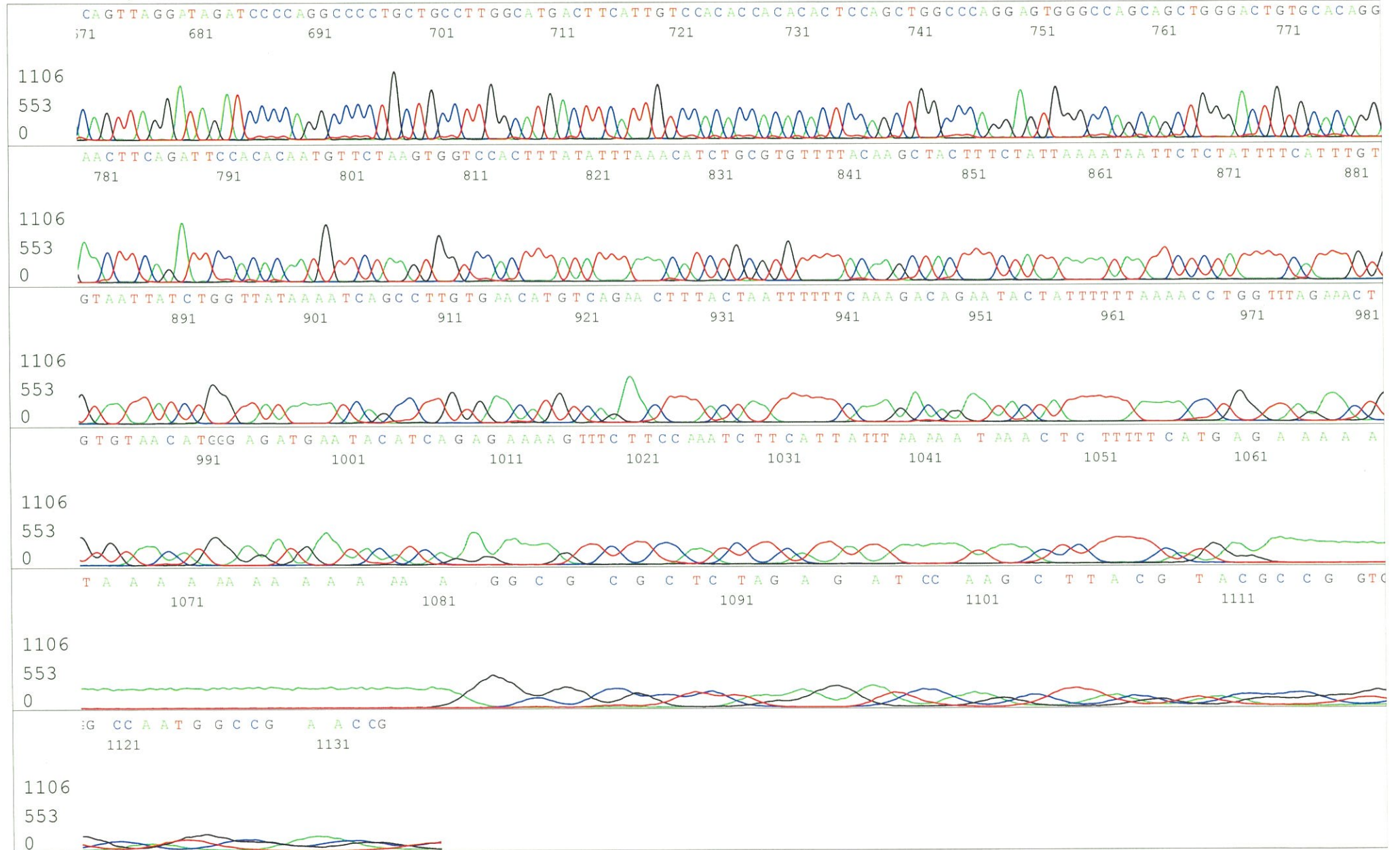
S/N G:434 A:638 T:414 C:
KB.bcp
KB 1.4.1.8 Cap:7

Primer A : Reverse2

5' GCGGATAACAATTTTCACACAGG 3'



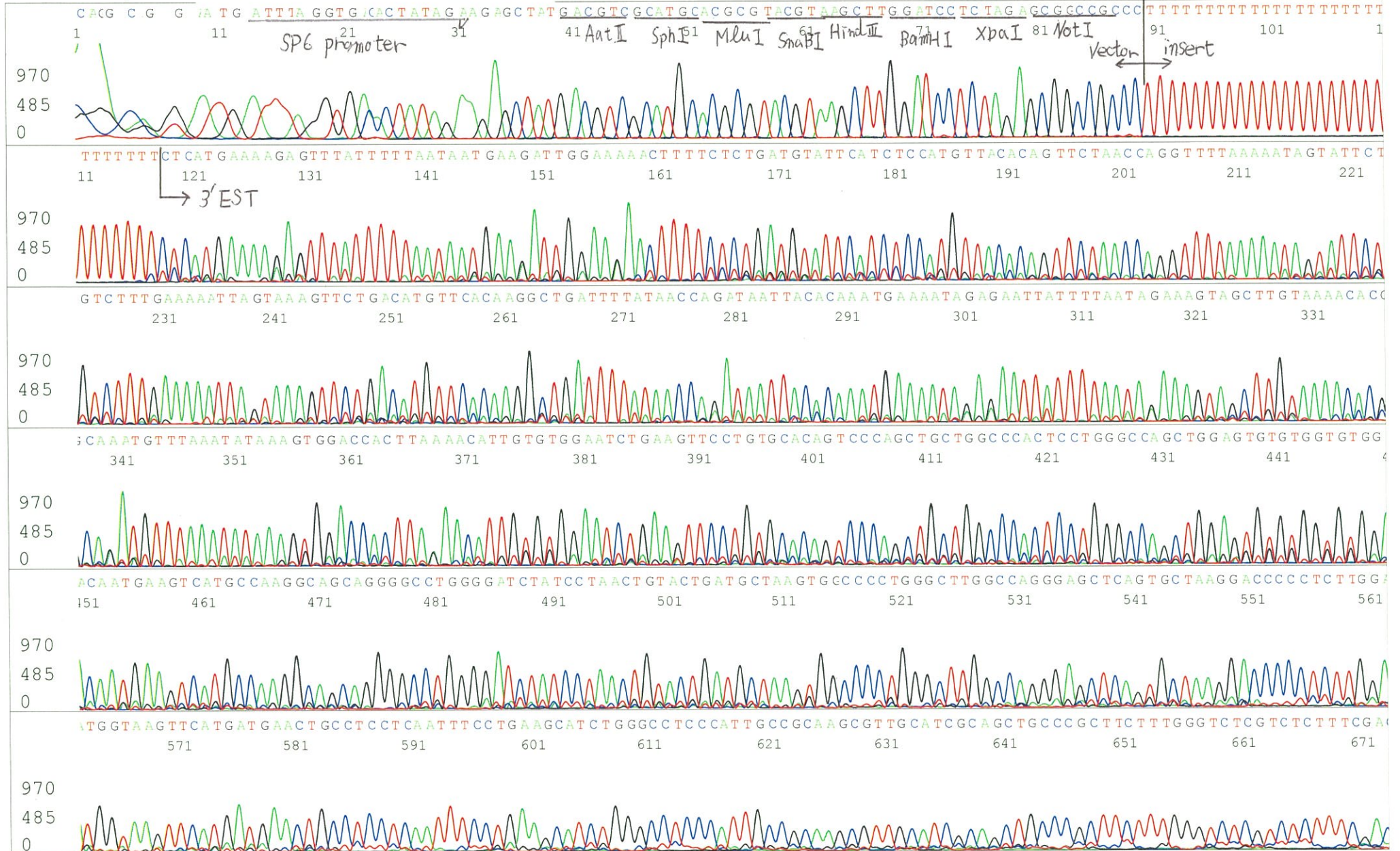
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KB.bcp
KB 1.4.1.8 Cap:7



S/N G:131 A:156 T:127 C:
KB.bcp
KB 1.4.1.8 Cap:10

Primer B : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'



S/N G:131 A:156 T:127 C:141
KB.bcp
KB 1.4.1.8 Cap:10

