

RIKEN Clone ID : H3027E03

Vector : pSPORT1

Gene	Apob	
5' EST Sequence	H3027E03-5	447 bp
3' EST Sequence	H3027E03-3	382 bp

● Plasmid DNA purification

Date : 130327

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

Date : 130328

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

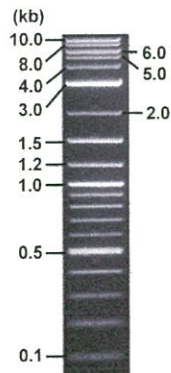
Date : 130328

DNA concentration (O.D.): 242 ng/ul

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

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected digestion pattern from H3027E03 >

.....unknown, 4091 bp.....

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

Date : 130402

Shipping amount : 40 ul

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

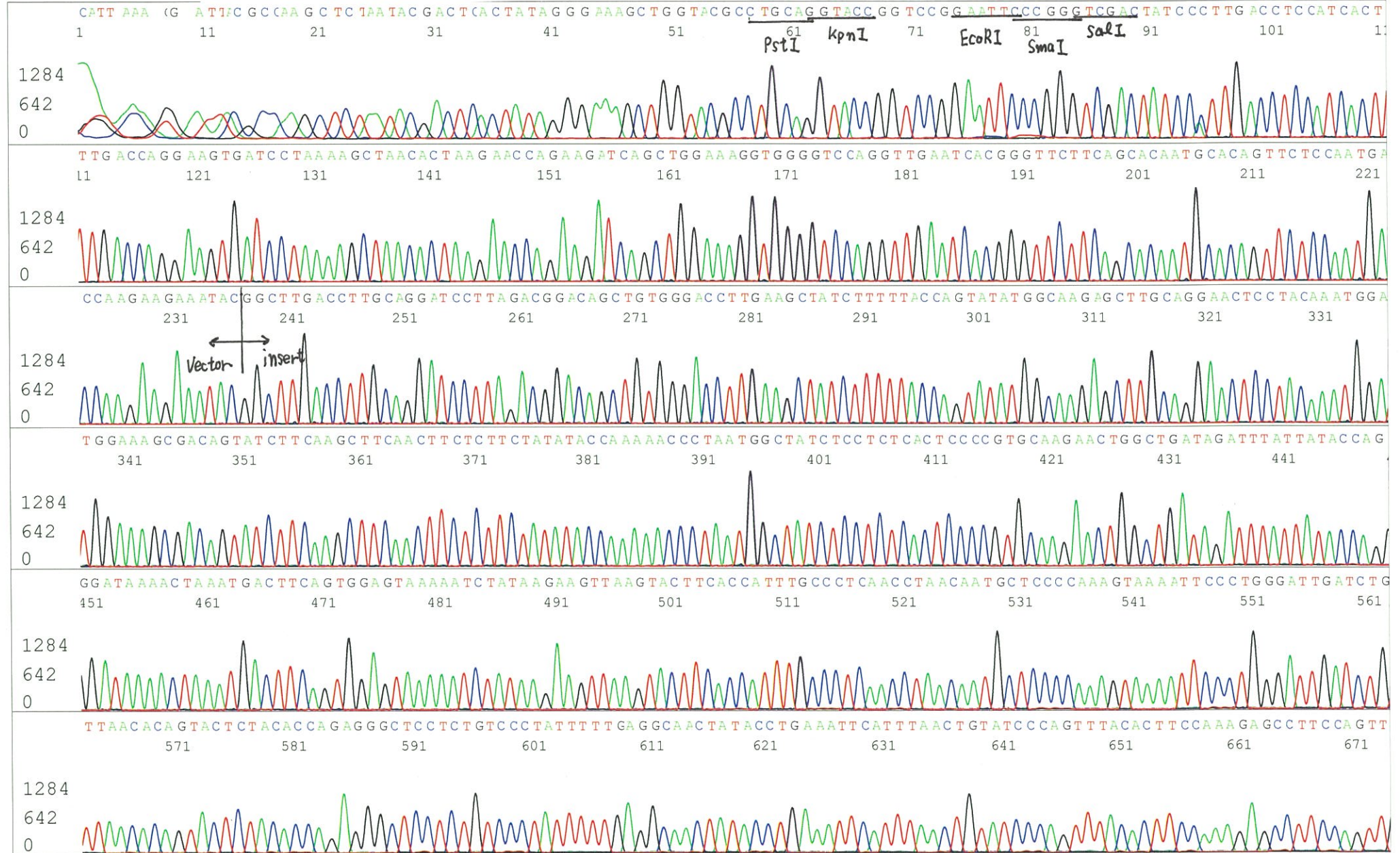
DNA (<u>242</u> ng/ul)	88.0	ul
10x TE	85.2	ul
dH ₂ O	678.6	ul
Total	851.8	ul



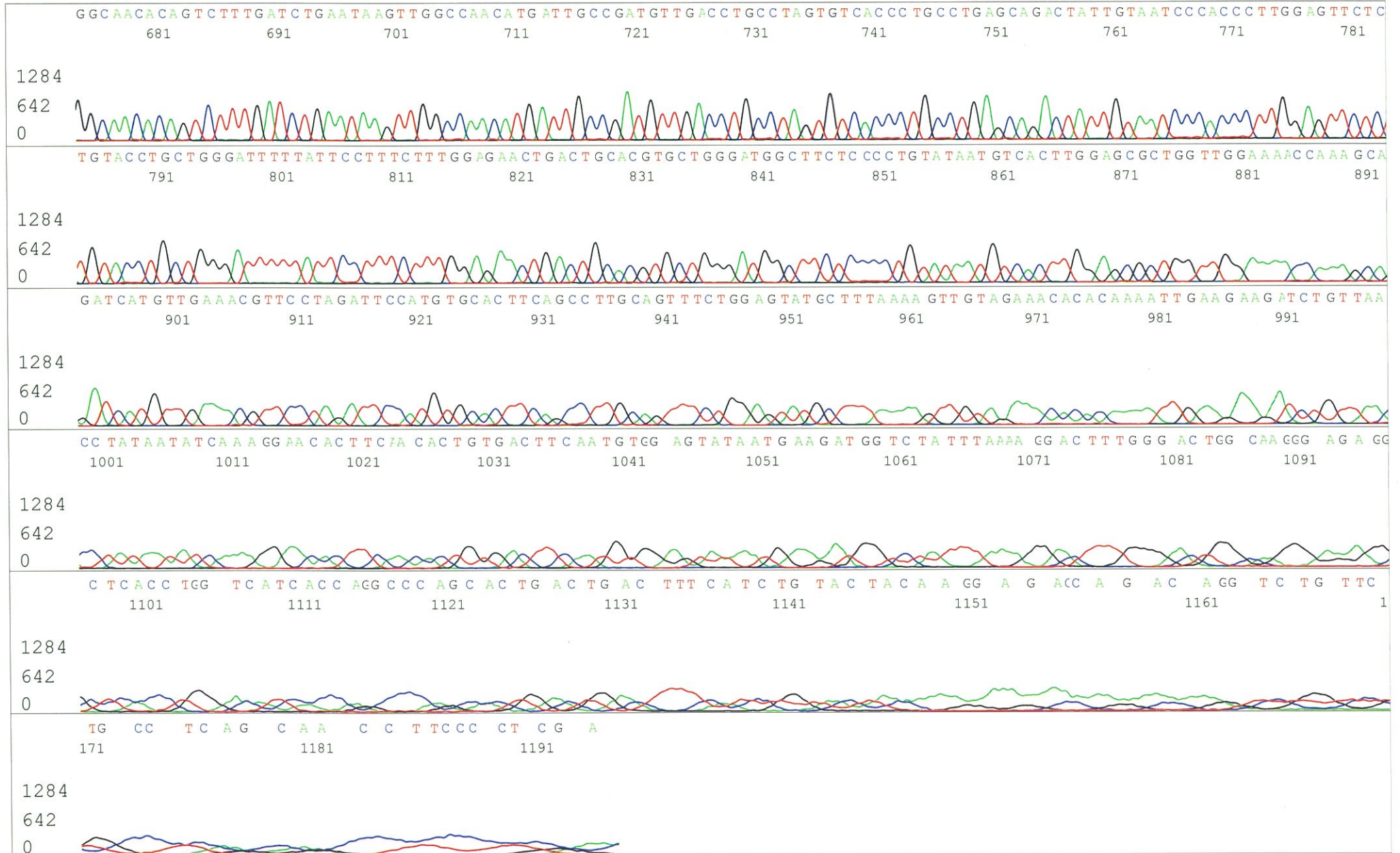
S/N G:188 A:150 T:153 C:
KB.bcp
KB 1.4.1.8 Cap:2

Primer A : Reverse2

5' GCGGATAACAATTTTCACACAGG 3'



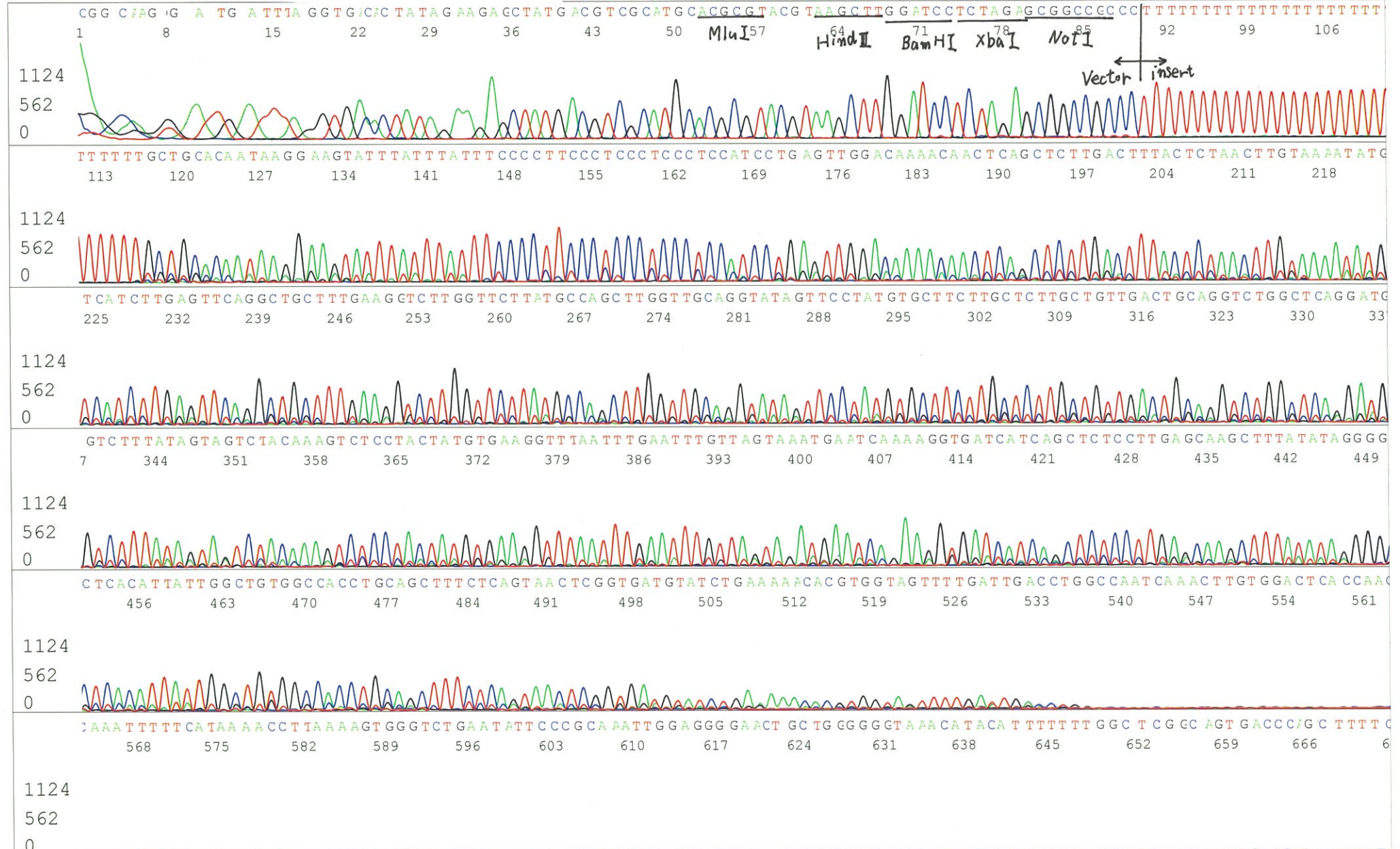
S/N G:188 A:150 T:153 C:148
KB.bcp
KB 1.4.1.8 Cap:2



S/N G:123 A:65 T:98 C:77
KB.bcp
KB 1.4.1.8 Cap:5

Primer B : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'



S/N G:123 A:65 T:98 C:77
KB.bcp
KB 1.4.1.8 Cap:5

