

RIKEN Clone ID : SpENT41B03

Vector : pDONR201

Systematic Name	SPBC216.05
ORF length	7161 bp

● Plasmid DNA purification

Date : 140526

Culture : LB (25 ug/ml Kanamycin) 5 ml → 37°C O/N

Date : 140527

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 140527

DNA concentration (O.D.): 108 ng/ul

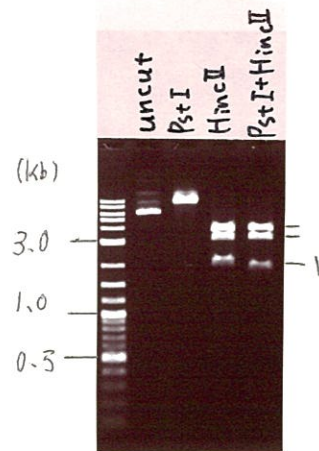
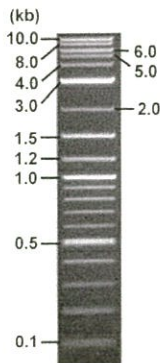
<Size of fragment expected from SpENT41B03 >

DNA	0.4	ul
Enzyme (PstI + HincII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.6	ul
Total	10	ul

PstI	9388 bp
HincII	2155, 3933, 3300 bp
PstI + HincII	2020, 3933, 3300, 135 bp

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 140529

DNA (<u>108</u> ng/ul)	86.0	ul
10x TE	37.1	ul
dH ₂ O	248.4	ul
Total	371.5	ul

● Shipping

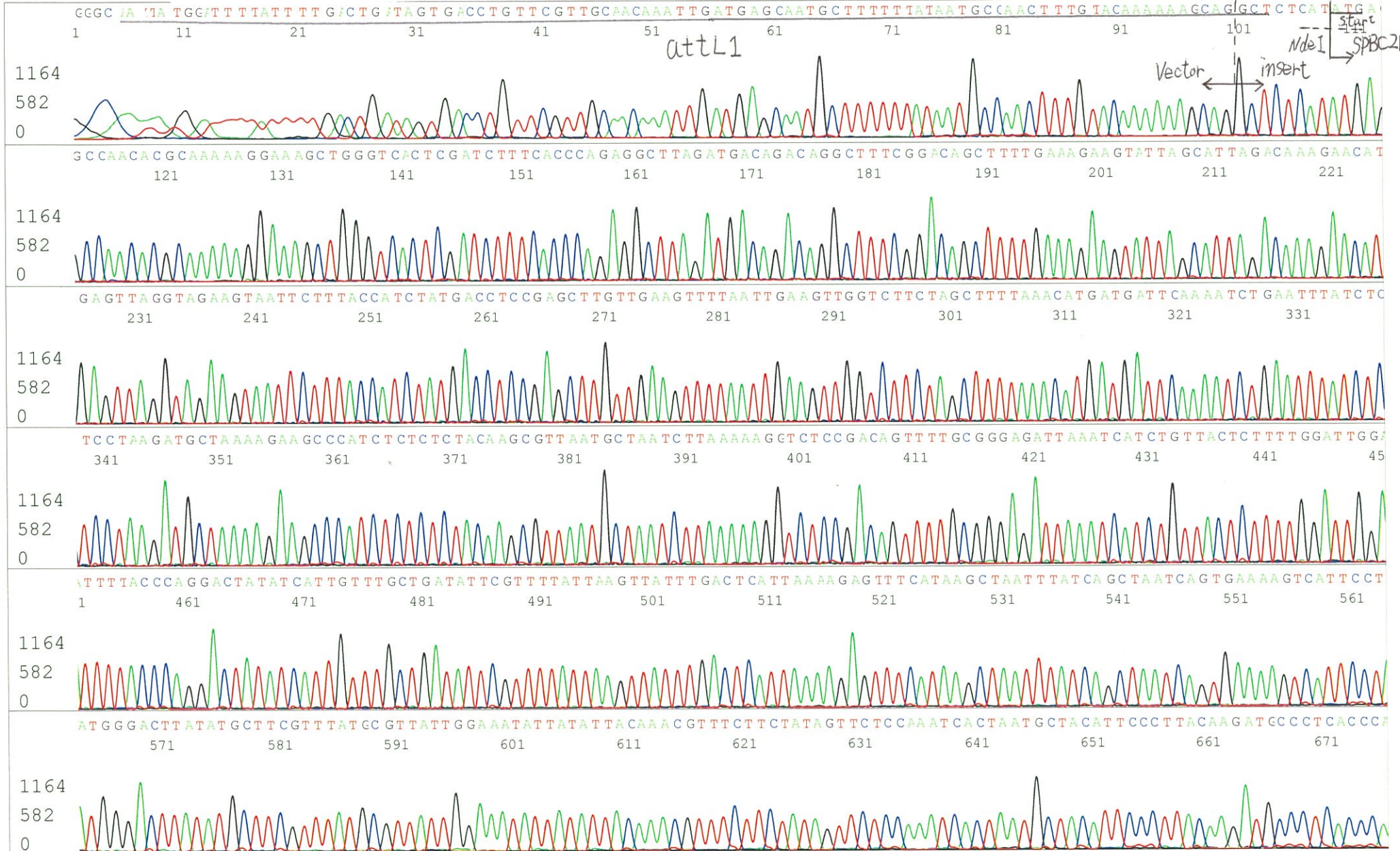
Conc. : 25 ng/μl, Volume : 40 μl

Conc. : ng/μl, Volume : μl

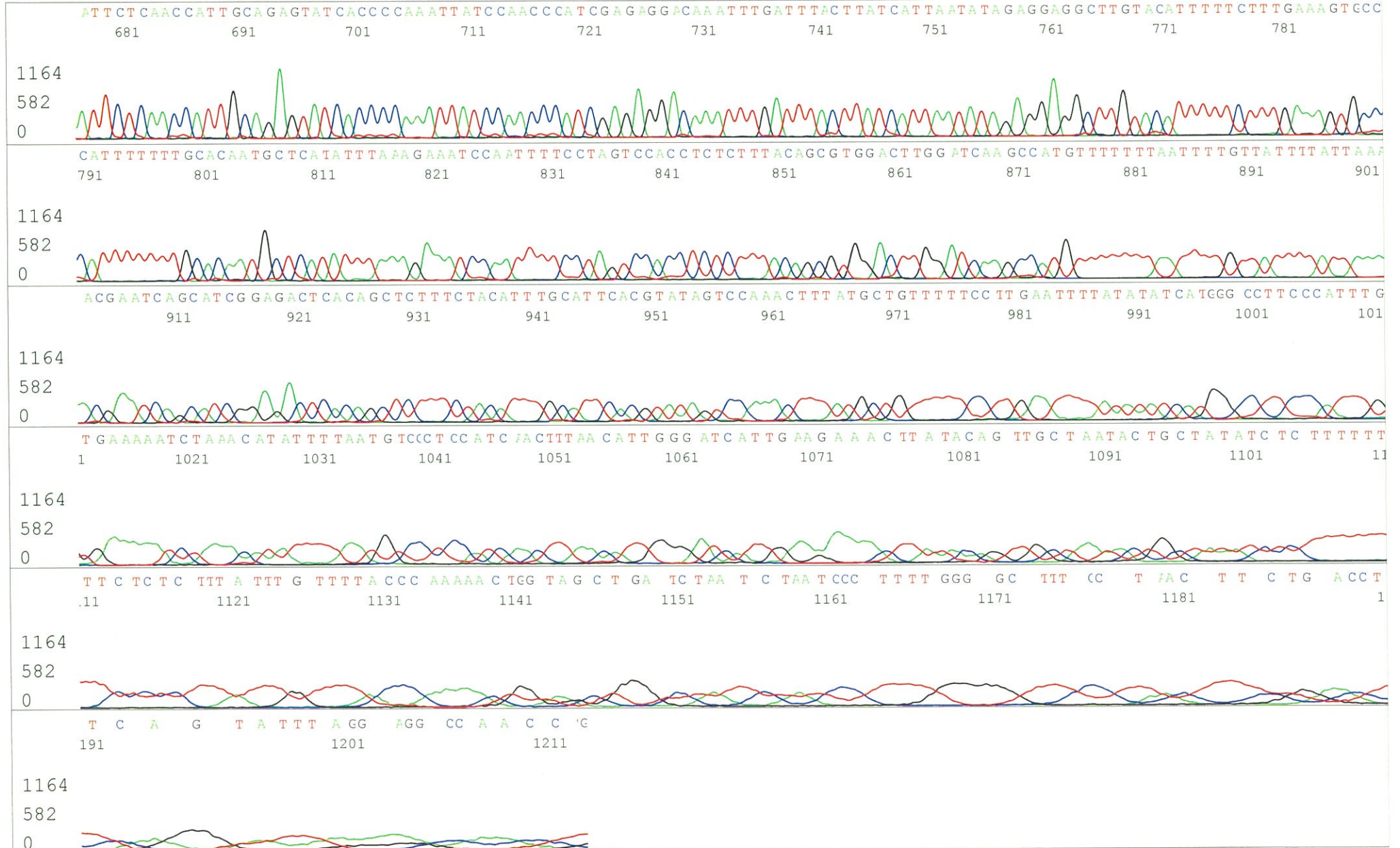
APPROVED BY :



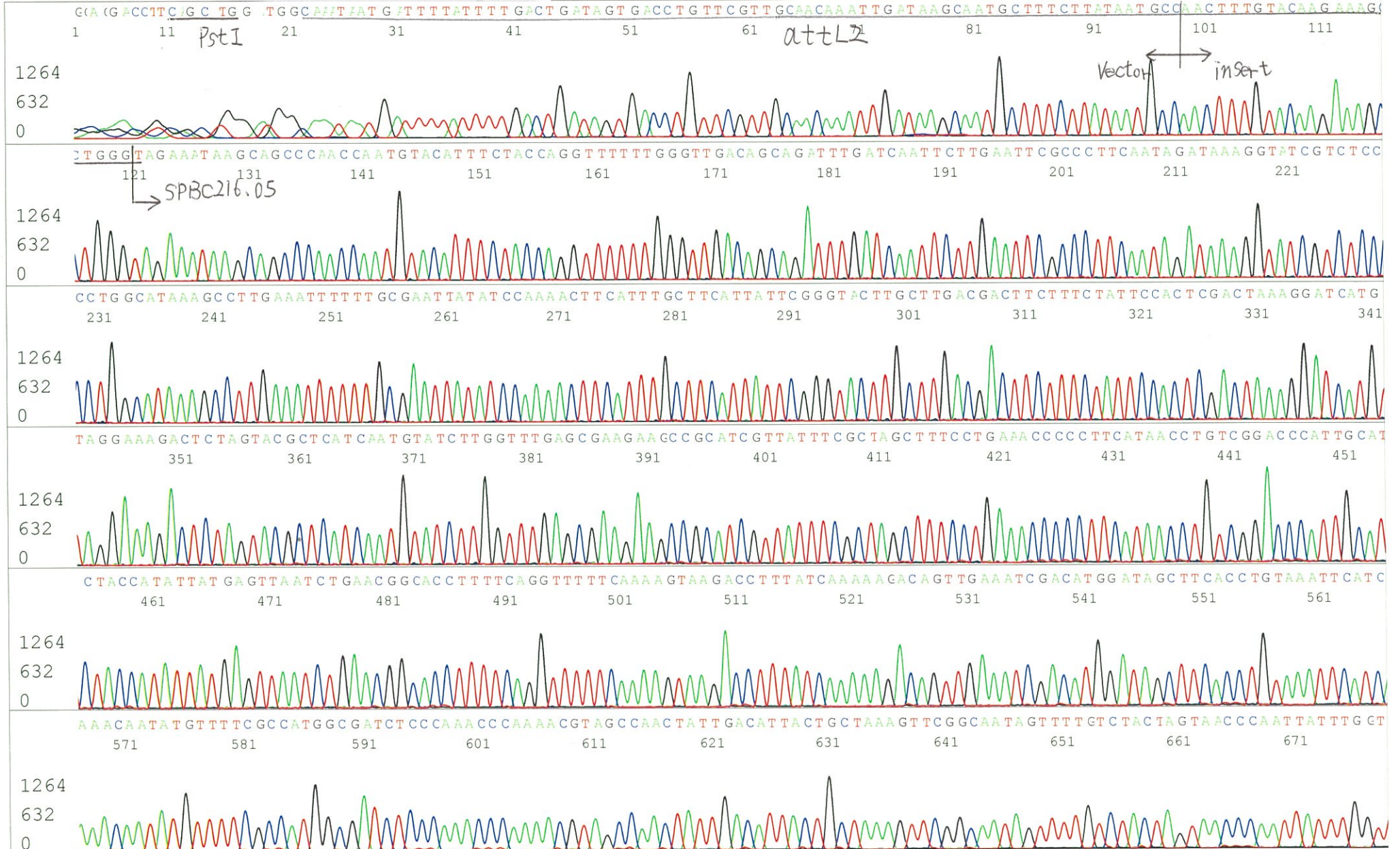
S/N G:112 A:187 T:178
KB.bcp
KB 1.4.1.8 Cap:2
Primer A : pDONR-F
5' TCGCGTTAACGCTAGCATGGATCTC 3'



S/N G:112 A:187 T:178 C:145
KB.bcp
KB 1.4.1.8 Cap:2



S/N G:96 A:139 T:122 C
KB.bcp
KB 1.4.1.8 Cap:5
Primer B : pDONR-R
5' GTAACATCAGAGATTTTGGAGACAC 3'



S/N G:96 A:139 T:122 C:118
KB.bcp
KB 1.4.1.8 Cap:5

