

RIKEN Clone ID : SpENT43B04

Vector : pDONR201

Systematic Name	SPAC1B3.11c
ORF length	753 bp

● Plasmid DNA purification

Date : 130729

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

Date : 130730

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 130730

DNA concentration (O.D.): 98 ng/ul

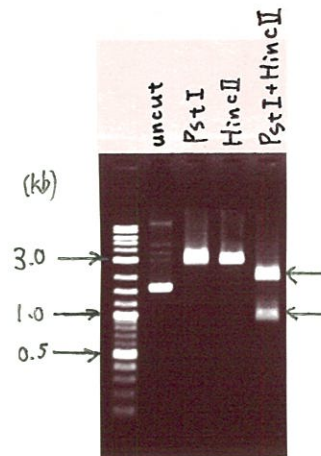
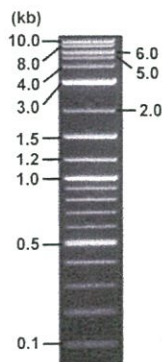
<Size of fragment expected from SpENT43B04 >

DNA	0.6	ul
Enzyme (PstI + HincII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.4	ul
Total	10	ul

PstI		2980 bp
HincII		2980 bp
PstI + HincII	2020,	960 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 : 130805

Shipping amount : 40 ul

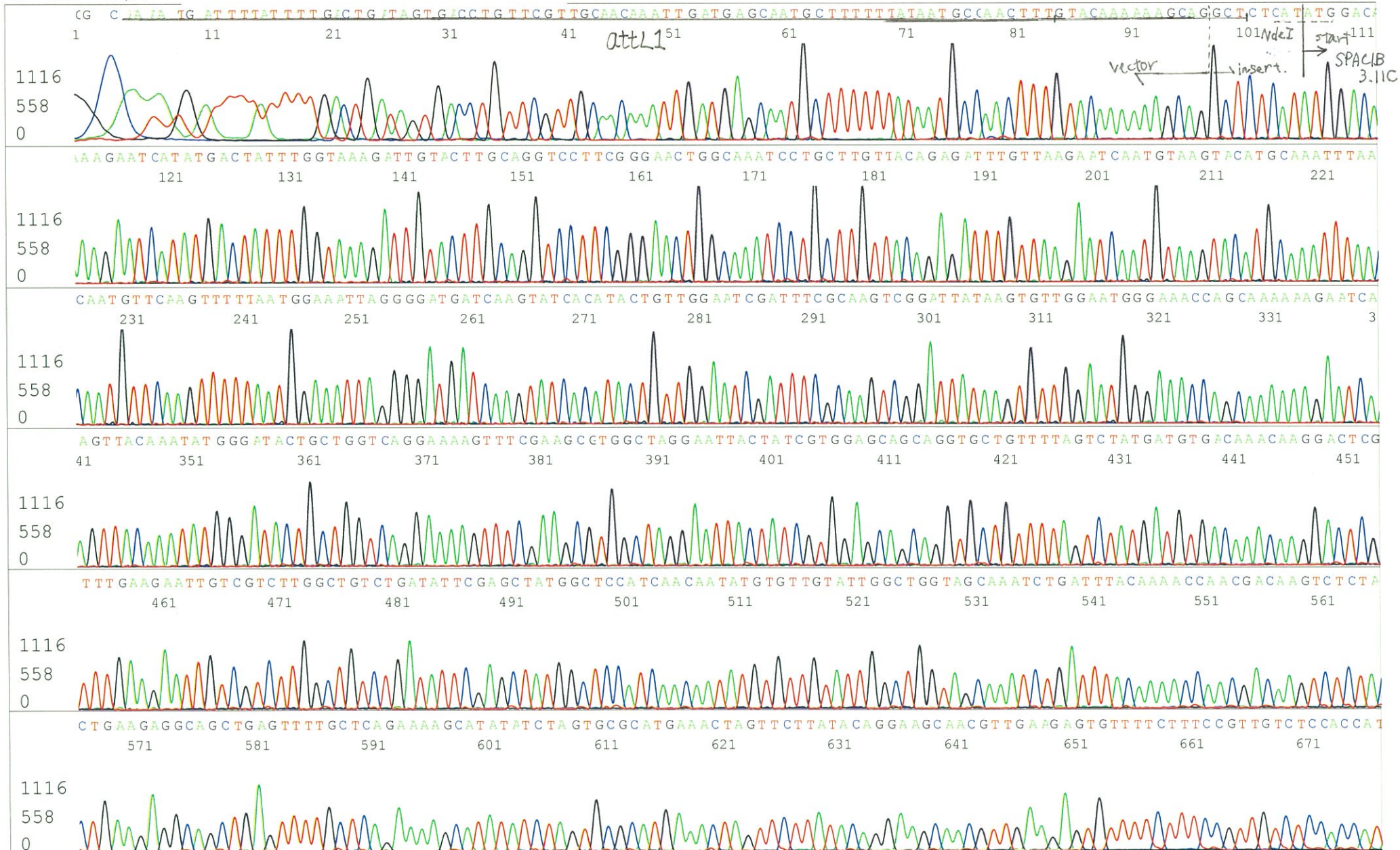
Concentration at the time of preparation of plasmid DNA : 25 ng/ul

DNA (<u>98</u> ng/ul)	85.0	ul
10x TE	33.3	ul
dH ₂ O	214.9	ul
Total	333.2	ul

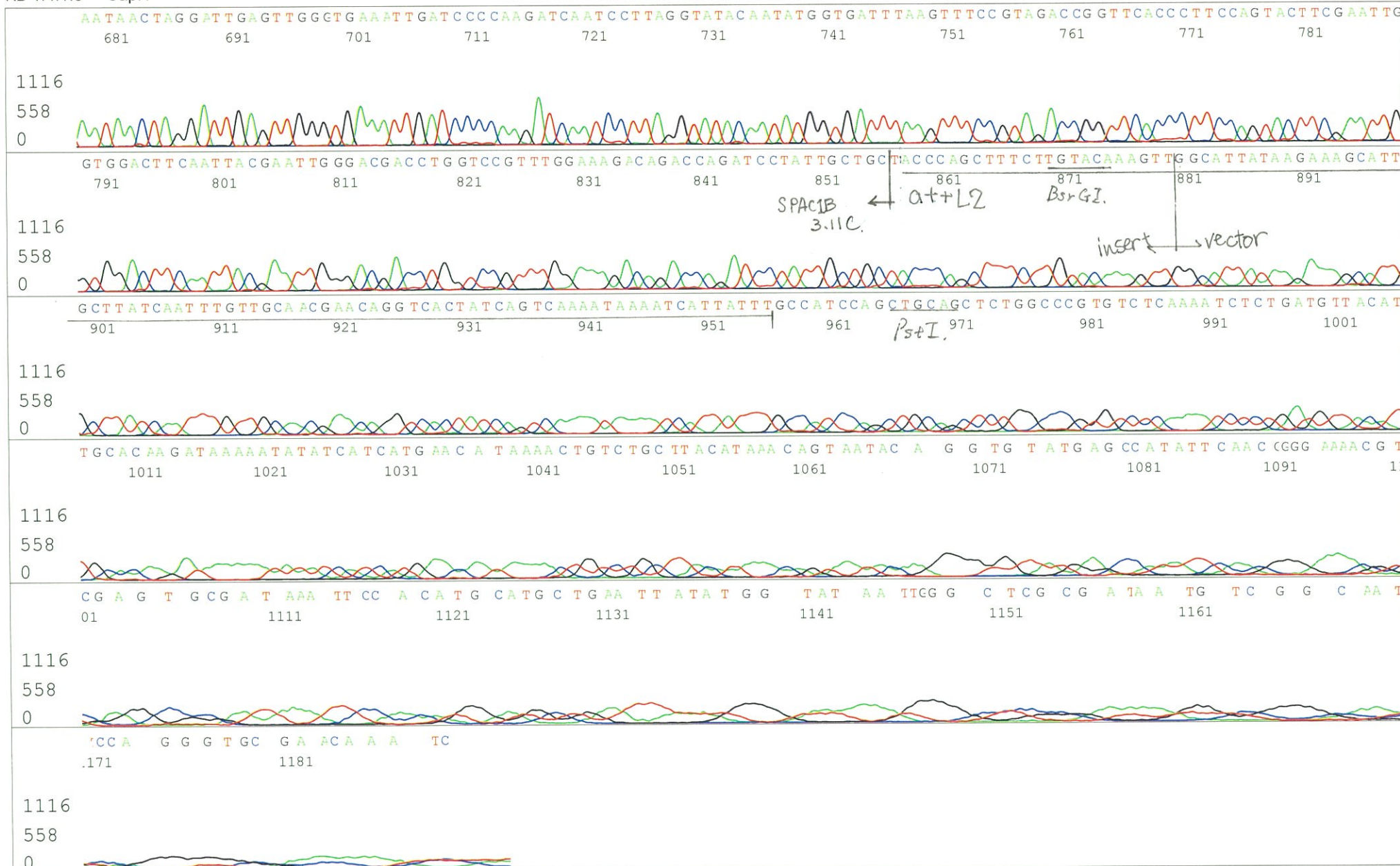


APPROVED BY :

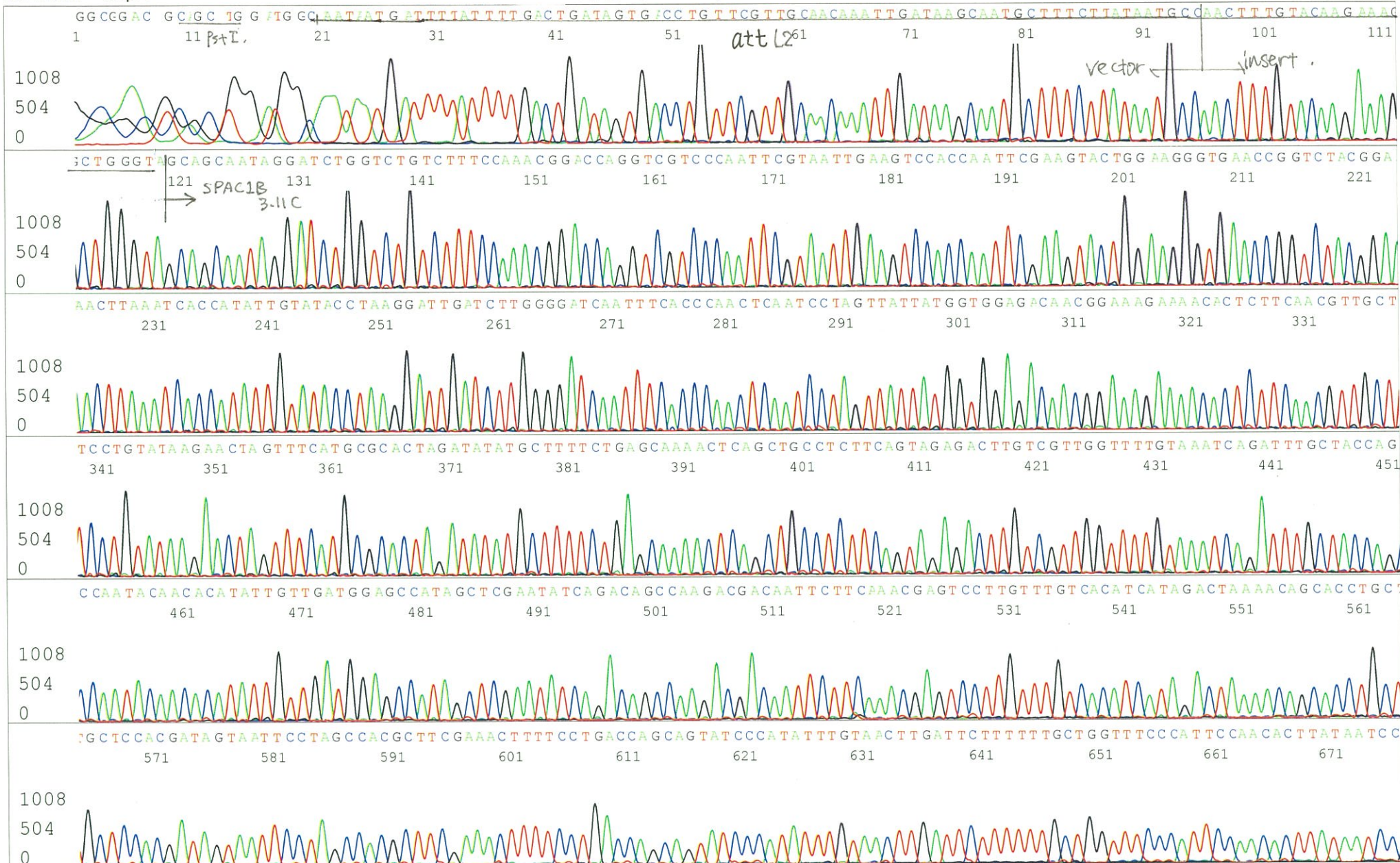
S/N G:269 A:191 T:139 (Primer A : pDONR-F
KB.bcp
KB 1.4.1.8 Cap:1 5' TCGCGTTAACGCTAGCATGGATCTC 3'



S/N G:269 A:191 T:139 C:113
KB.bcp
KB 1.4.1.8 Cap:1



S/N G:223 A:219 T:178 (Primer B : pDONR-R)
KB.bcp
KB 1.4.1.8 Cap:4 5' GTAACATCAGAGATTTTGAGACAC 3'



S/N G:223 A:219 T:178 C:158
KB.bcp
KB 1.4.1.8 Cap:4

