

RIKEN Clone ID : SpENT30G11

Vector : pDONR201

Systematic Name
ORF length

SPBC211.03c
4389 bp

● Plasmid DNA purification

Date : 131107

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

Date : 131108

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 131108

DNA concentration (O.D.): 223 ng/ul

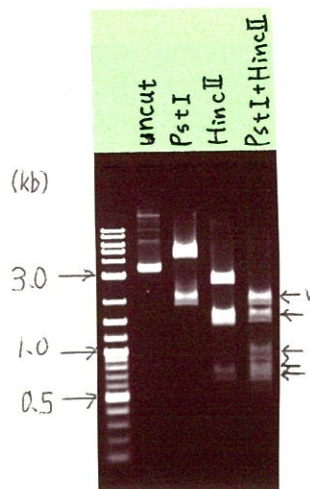
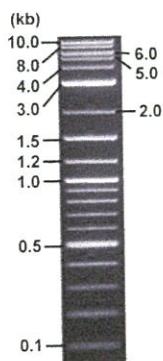
DNA	0.2	ul
Enzyme (PstI + HincII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.8	ul
Total	10	ul

<Size of fragment expected from SpENT30G11 >

PstI	4582, 2025	bp
HincII	2671, 1605, 1544, 703	bp
PstI + HincII	2020, 1605, 957, 735, 703, 587	bp

Erectrophoresis : 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 : 131114

Shipping amount : 40 ul

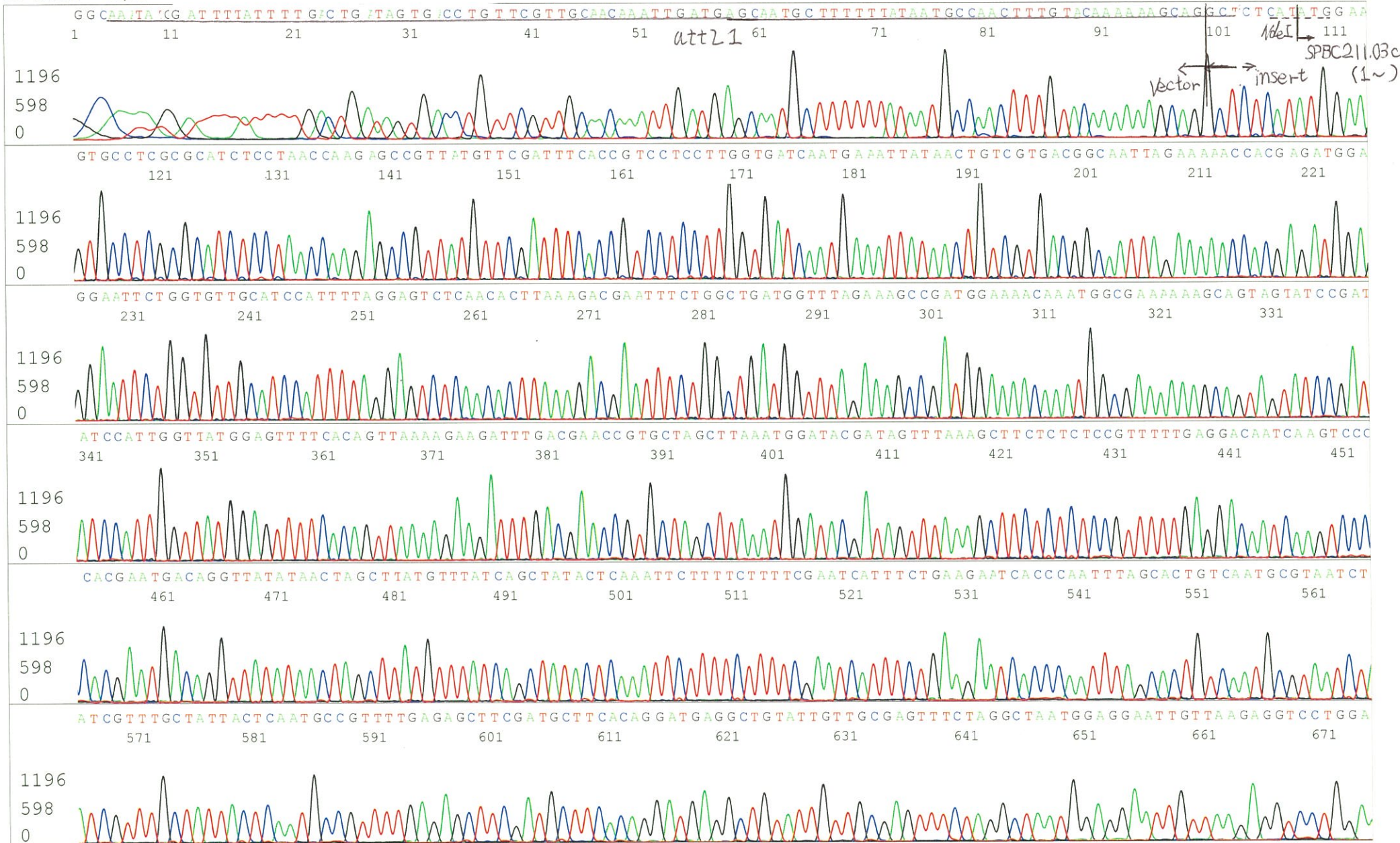
Concentration at the time of preparation of plasmid DNA : 25 ng/ul

DNA (<u>223</u> ng/ul)	87.0	ul
10x TE	77.6	ul
dH ₂ O	61.4	ul
Total	776.0	ul

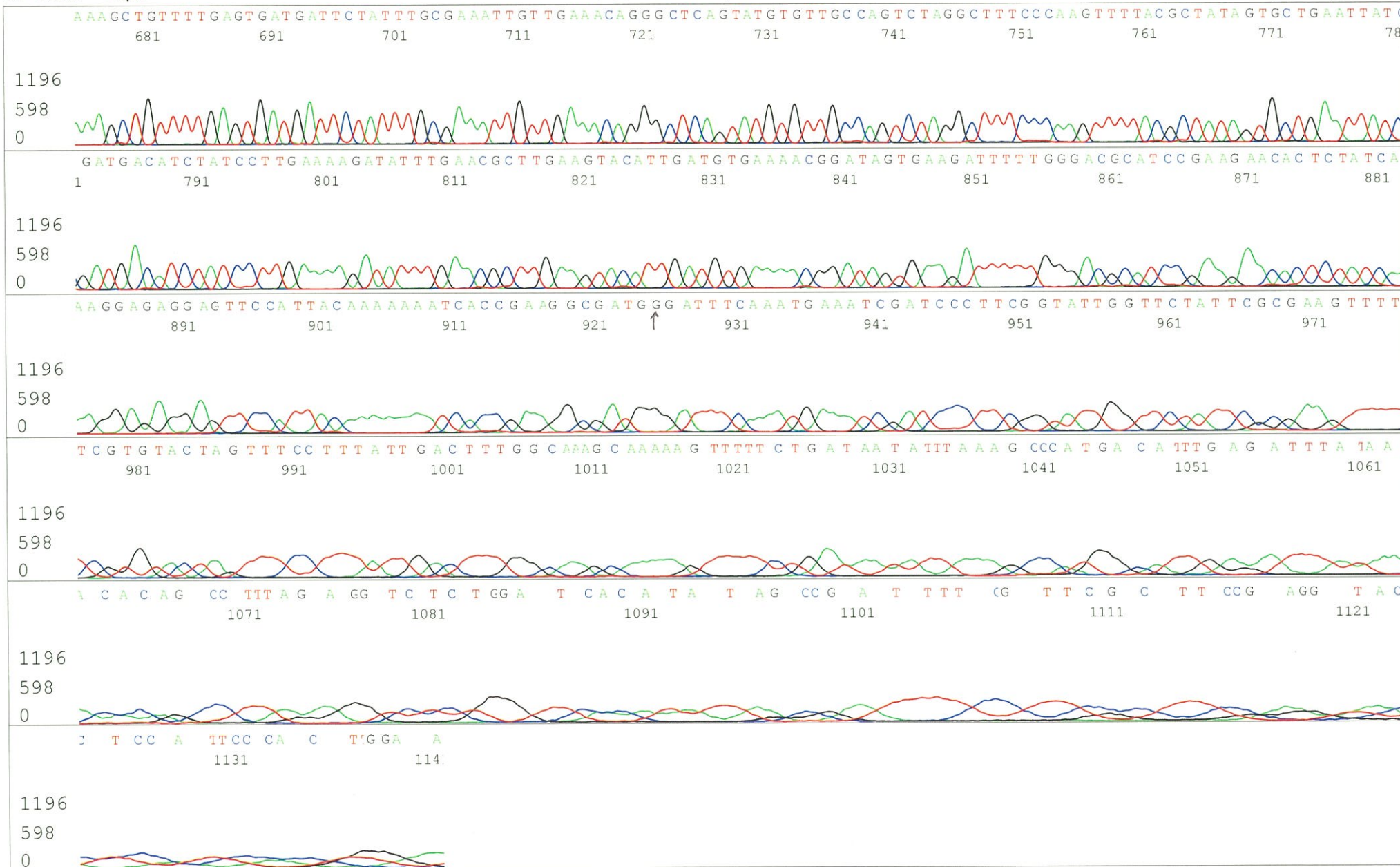
APPROVED BY :



S/N G:278 A:273 T:220
KB.bcp
KB 1.4.1.8 Cap:1
Primer A : pDONR-F
5' TCGCGTTAACGCTAGCATGGATCTC 3'



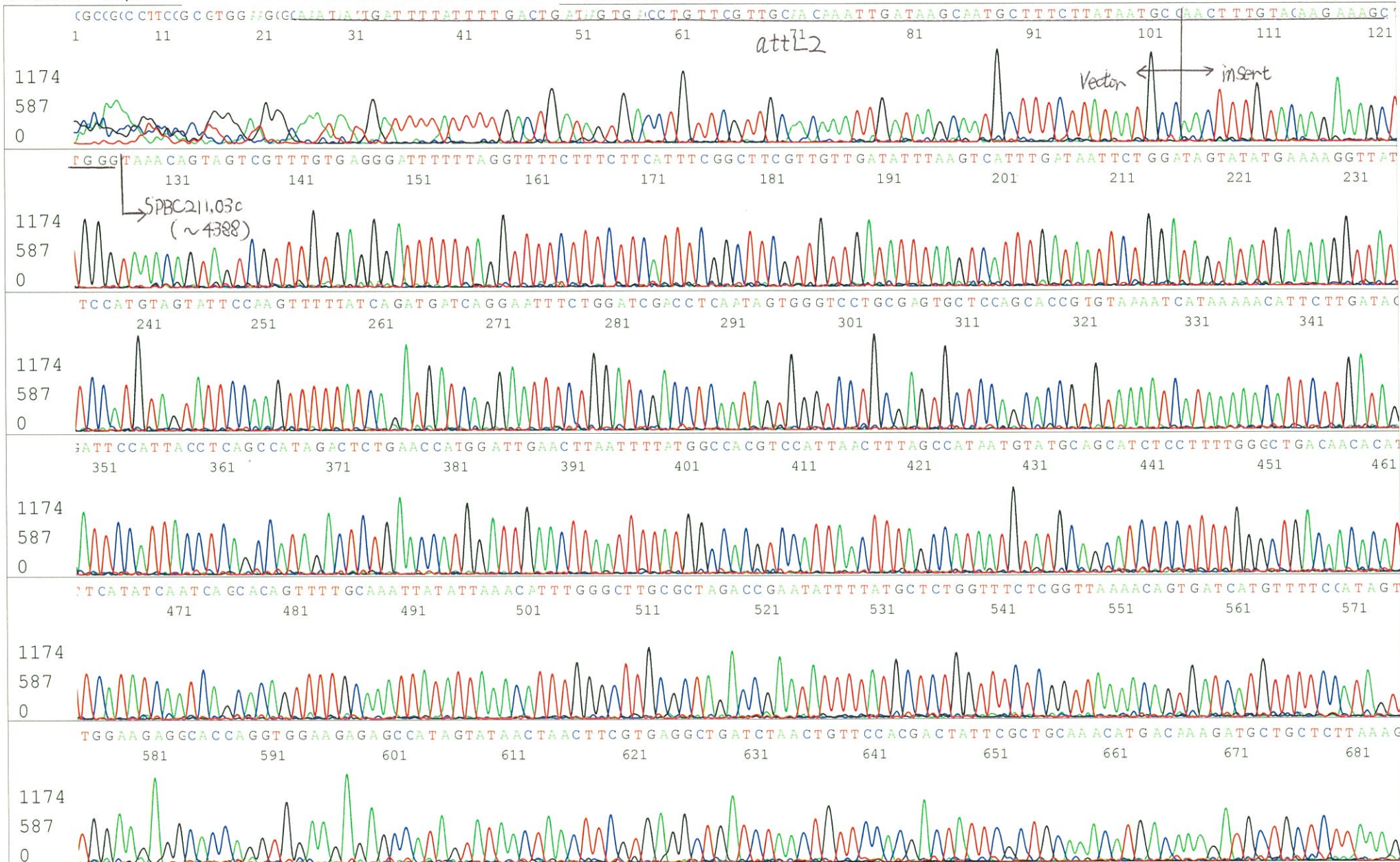
S/N G:278 A:273 T:220 C:128
KB.bcp
KB 1.4.1.8 Cap:1



S/N G:15 A:15 T:16 C:1
KB.bcp
KB 1.4.1.8 Cap:4

Primer B : pDONR-R

5' GTAACATCAGAGATTTTGAGACAC 3'



S/N G:15 A:15 T:16 C:10
KB.bcp
KB 1.4.1.8 Cap:4

