

RIKEN Clone ID : SpENT30G03

Vector : pDONR201

Systematic Name **SPAC6F6.17**
ORF length **4203 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.): 216 ng/ul

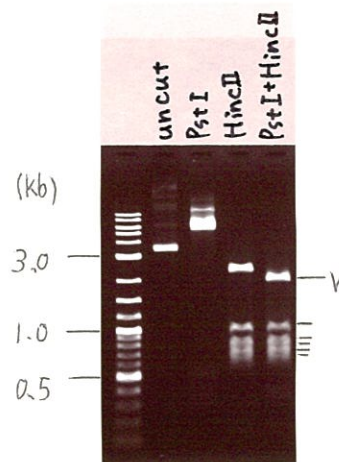
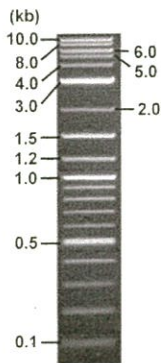
<Size of fragment expected from SpENT30G03 >

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

PstI	6094, 336	bp
HincII	2359, 1006, 830, 749, 696, 630, 160	bp
PstI + HincII	2020, 1006, 830, 749, 696, 630, 336, 160, 3	bp

Electrophoresis : 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>216</u> ng/ul)	86.0	ul
10x TE	74.3	ul
dH ₂ O	582.7	ul
Total	743.0	ul

● Shipping

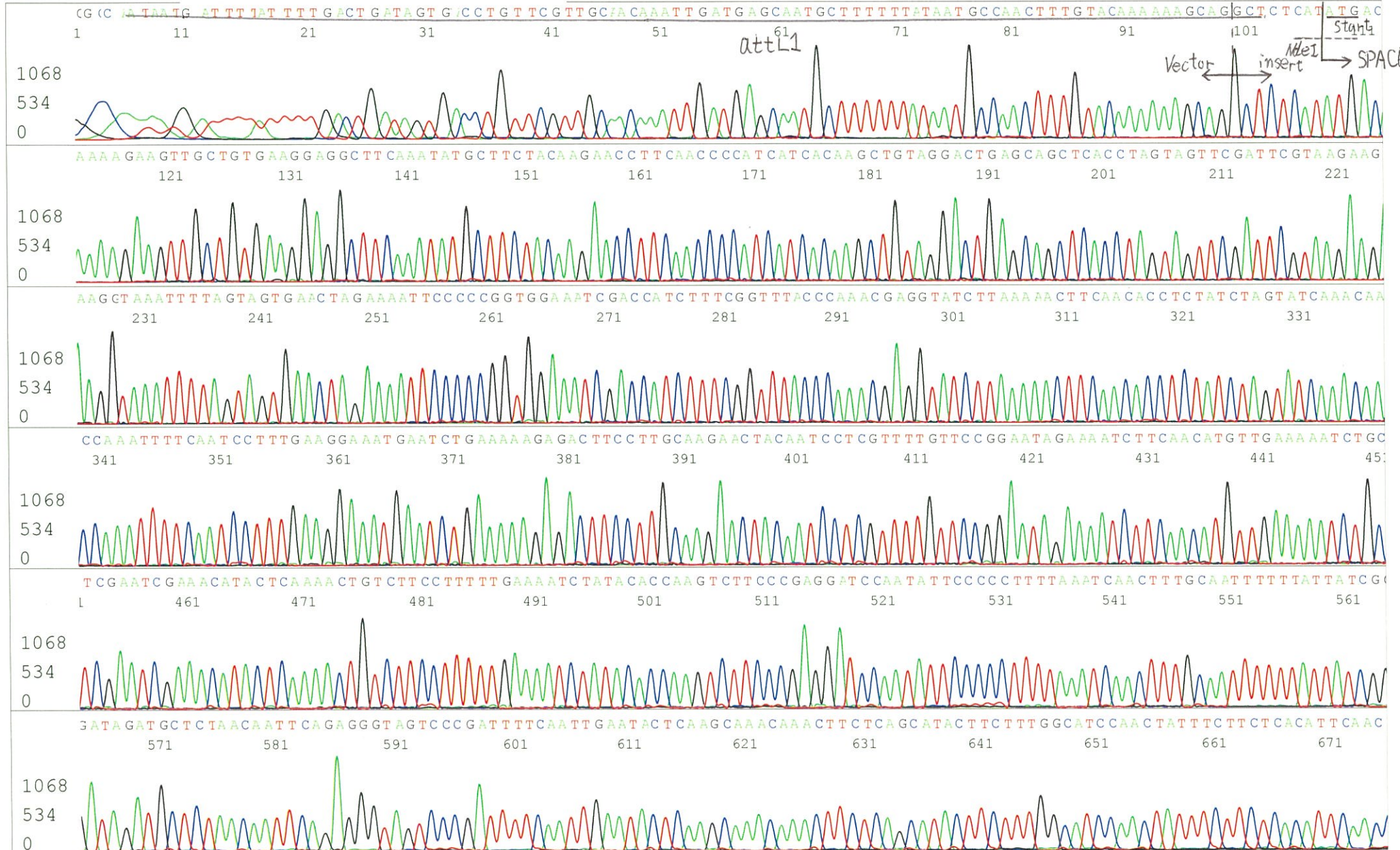
Conc. : 25 ng/μl, Volume : 40 μl

Conc. : ng/μl, Volume : μl

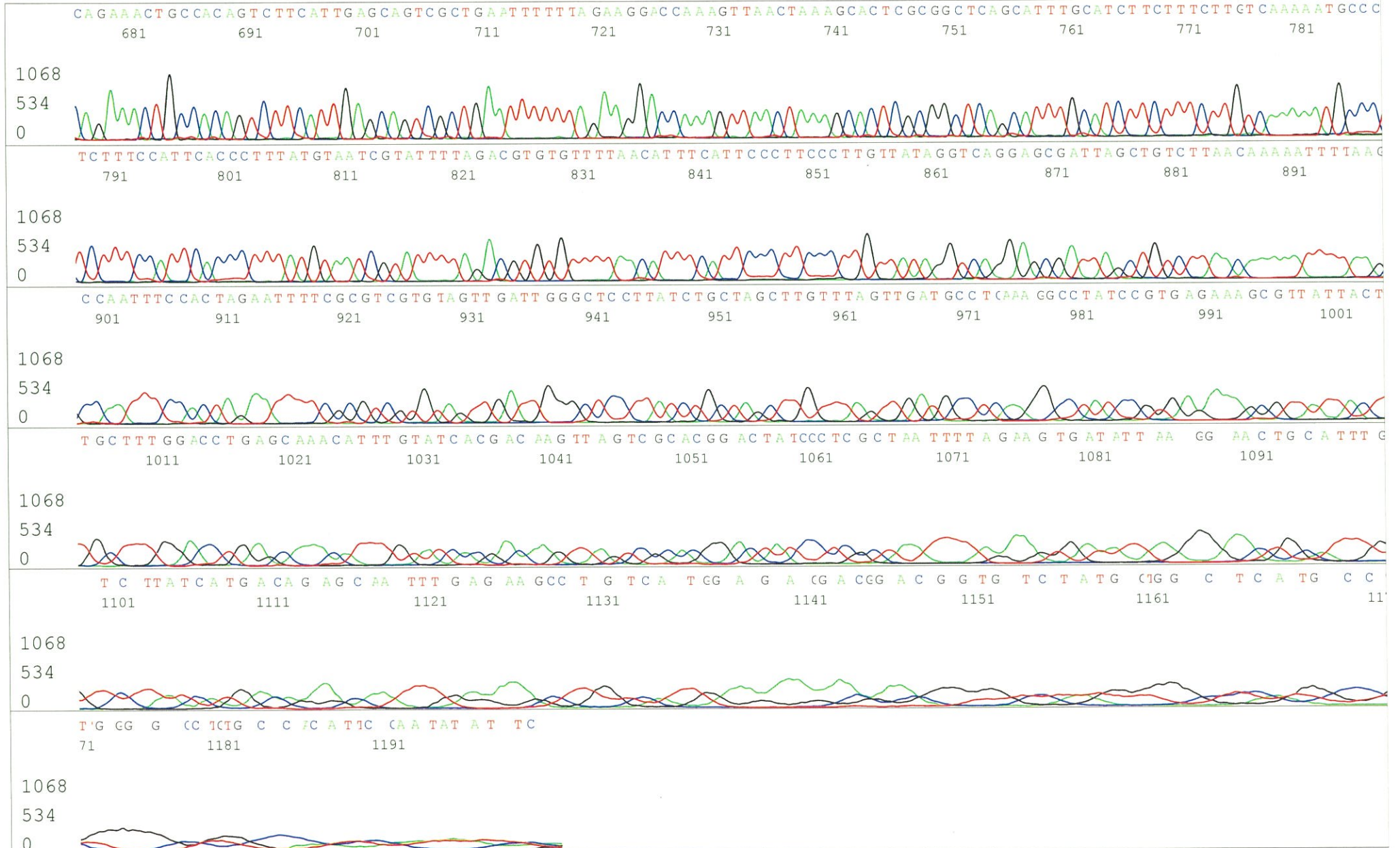
APPROVED BY :



S/N G:224 A:357 T:346
KB.bcp
KB 1.4.1.8 Cap:13
Primer A : pDONR-F
5' TCGCGTTAACGCTAGCATGGATCTC 3'

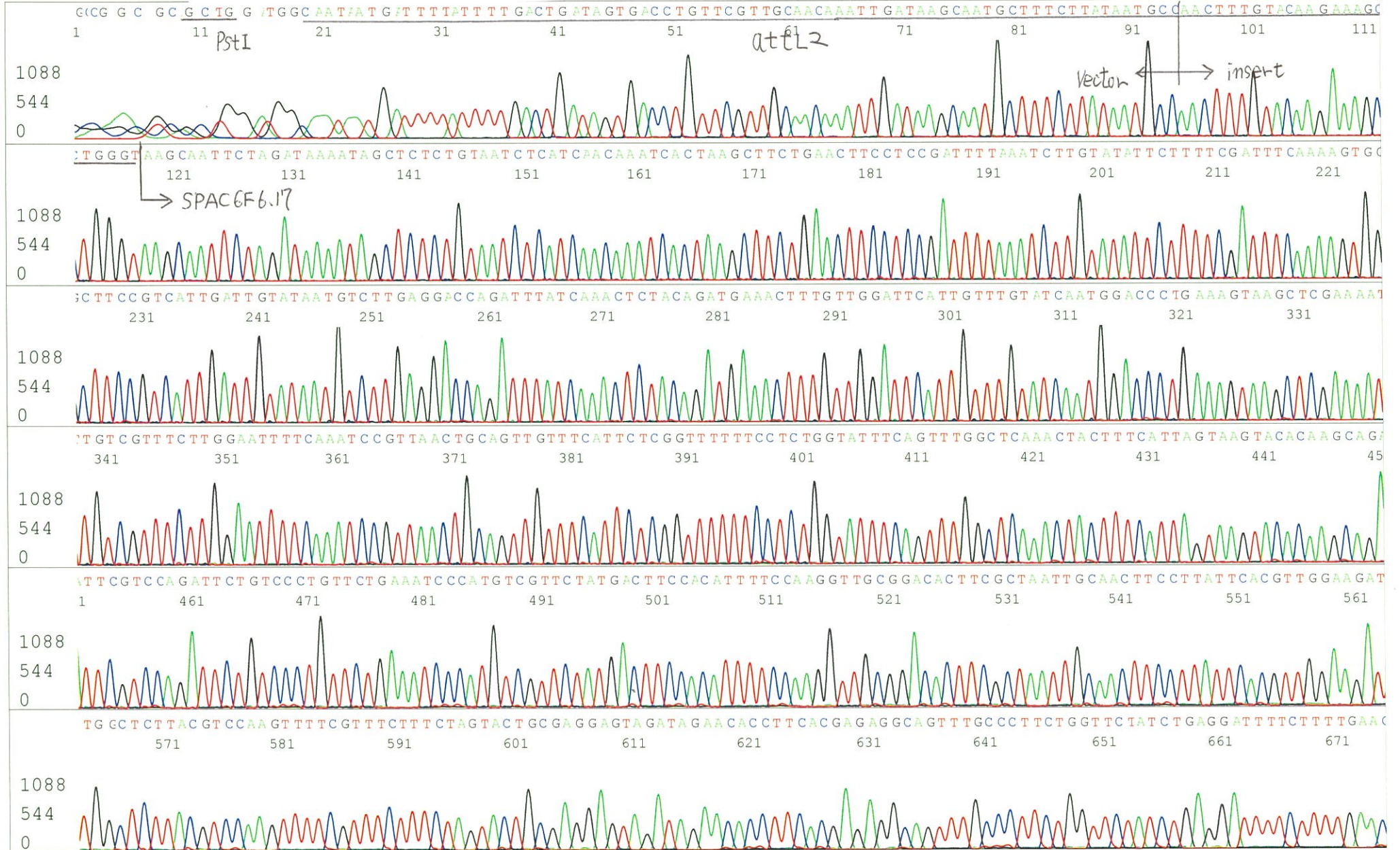


S/N G:224 A:357 T:346 C:342
KB.bcp
KB 1.4.1.8 Cap:13



S/N G:325 A:356 T:470 C
KB.bcp
KB 1.4.1.8 Cap:16

Primer B : pDONR-R
5' GTAACATCAGAGATTTTGAGACAC 3'



S/N G:325 A:356 T:470 C:359
KB.bcp
KB 1.4.1.8 Cap:16

