

RIKEN Clone ID : SpENT30D09

Vector : pDONR201

Systematic Name	SPAC6F12.16c
ORF length	3354 bp

● Plasmid DNA purification

Date : 140630

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

Date : 140701

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 140701

DNA concentration (O.D.): 148 ng/ul

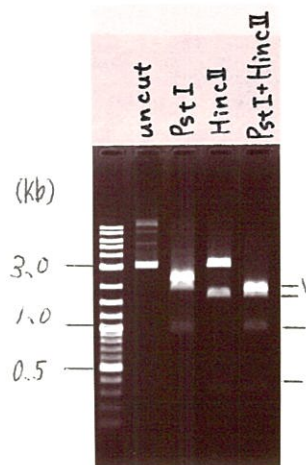
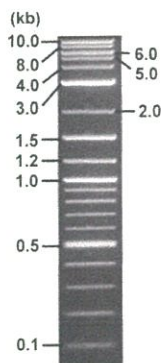
<Size of fragment expected from SpENT30D09 >

DNA	0.3 ul
Enzyme (PstI + HincII)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.7 ul
Total	10 ul

PstI	2431, 2200, 1056 bp
HincII	3428, 1875, 384 bp
PstI + HincII	2020, 1848, 1056, 384, 352, 27 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 140707

DNA (148 ng/ul)	85.0 ul
10x TE	50.3 ul
dH ₂ O	367.9 ul
Total	503.2 ul

● Shipping



Conc. : 25 ng/ul, Volume : 40 ul

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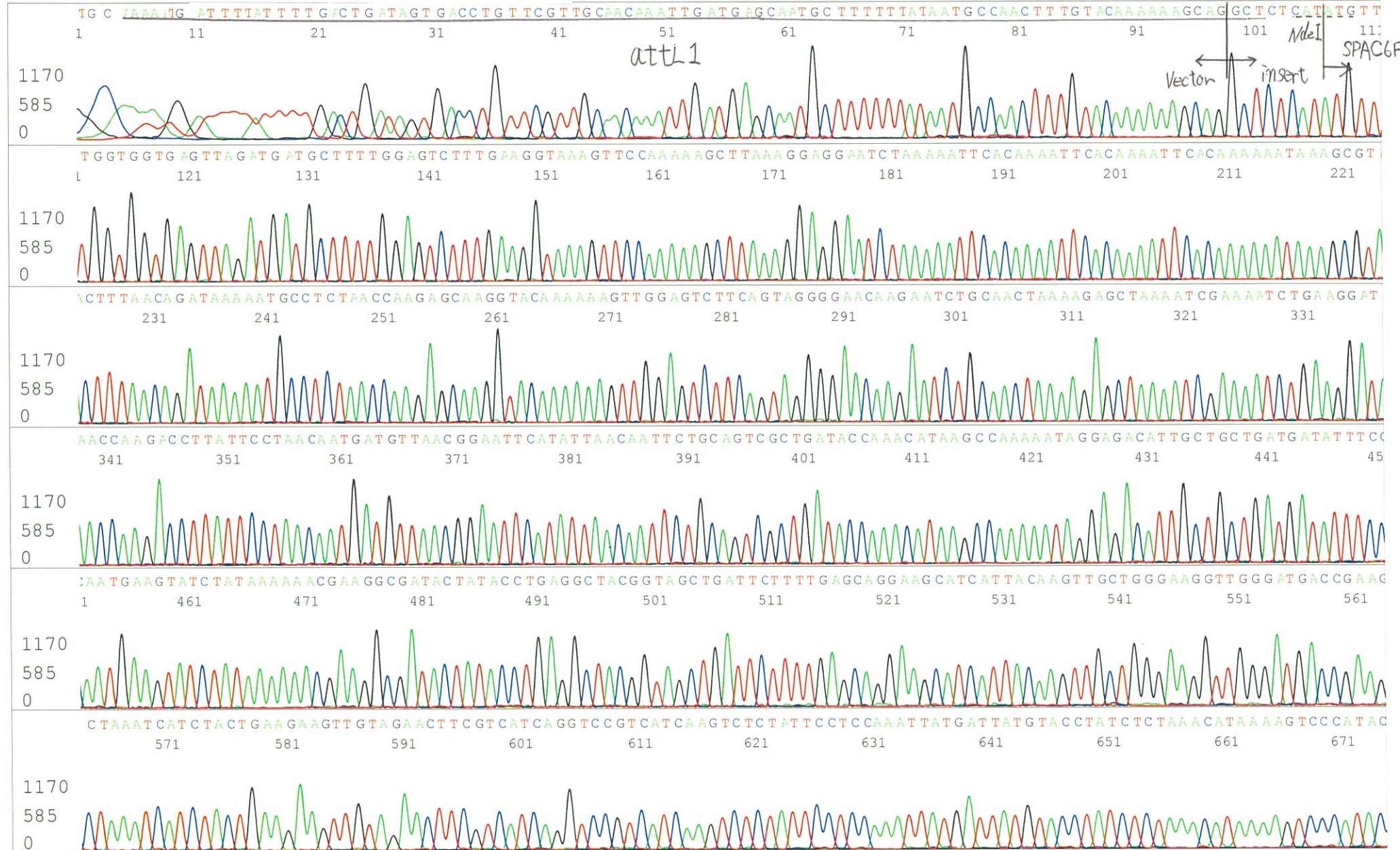


APPROVED BY :

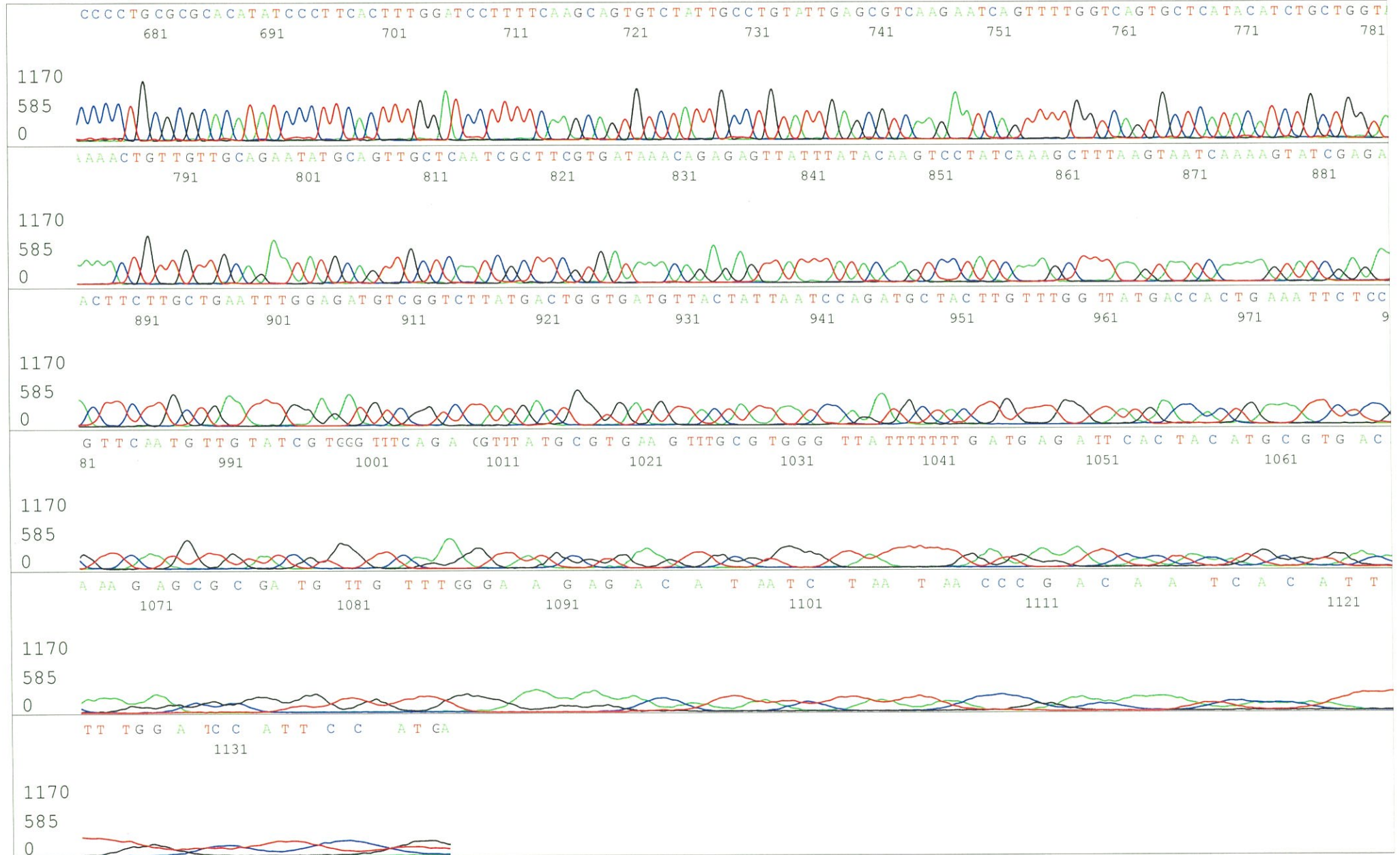
S/N G:162 A:247 T:181 C
KB.bcp
KB 1.4.1.8 Cap:19

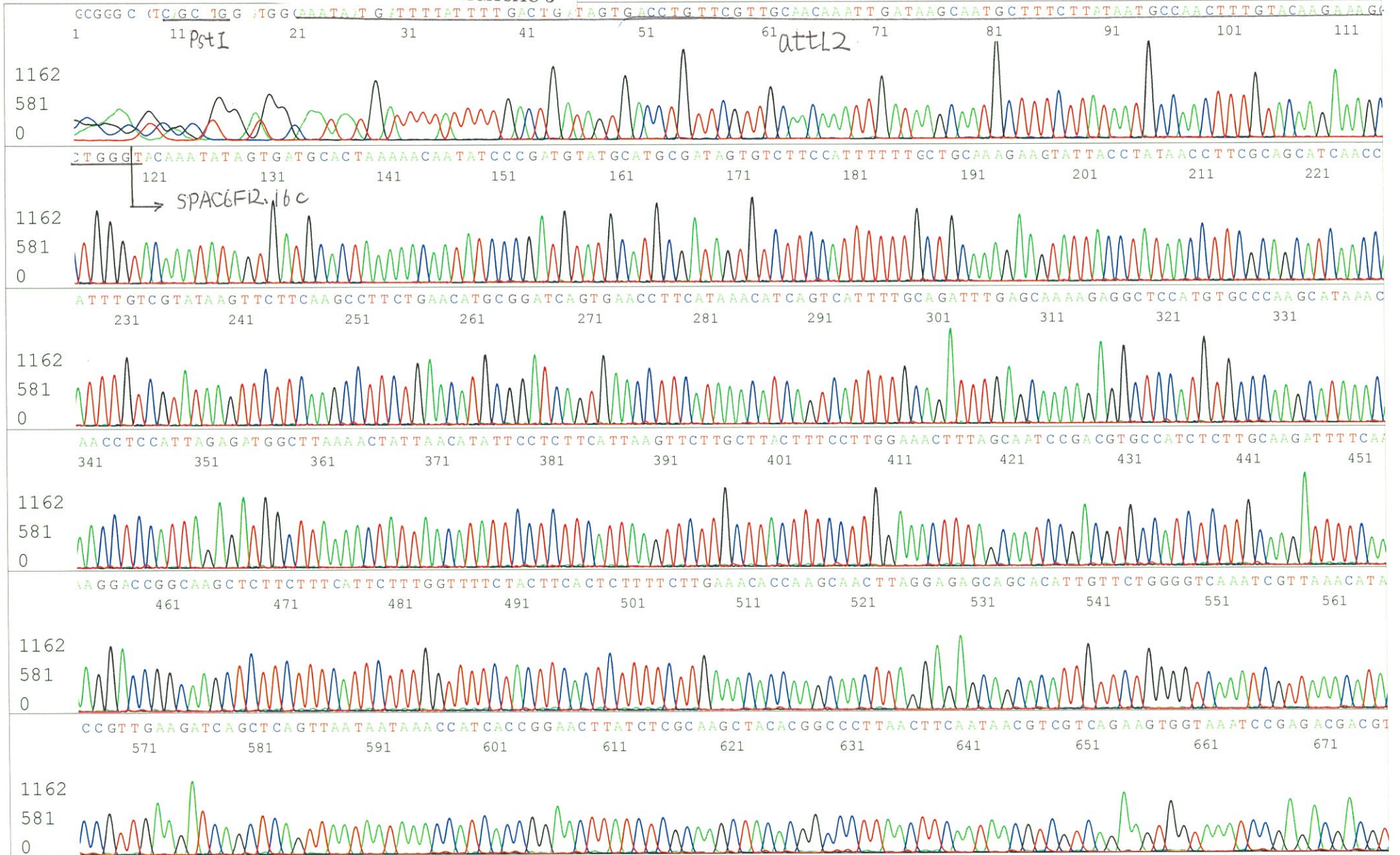
Primer A : pDONR-F

5' TCGCGTTAACGCTAGCATGGATCTC 3'



S/N G:162 A:247 T:181 C:176
KB.bcp
KB 1.4.1.8 Cap:19





S/N G:189 A:332 T:337 C:334
KB.bcp
KB 1.4.1.8 Cap:22

