

RIKEN clone ID: W01A127M05

Vector : pENTR/D-TOPO

Gene	IFNG		
Accession No.	BC070256.1	1244 bp	1..1244
	<i>CDS</i>	501 bp	129..629

● Plasmid DNA purification

Date : 101027 Culture : LB (25 ug/ml Kanamycin) 3 ml → 37°C O/N

Date : 101028 Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

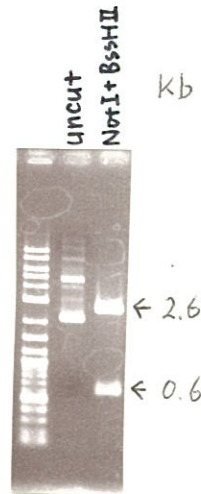
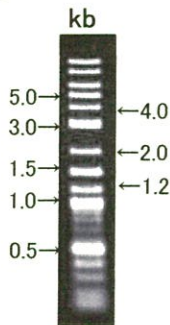
Date : 101028

DNA concentration (O.D.): 74.60 ng/ul

DNA	1 ul
Restriction enzyme (NotI+BssH II)	0.5+0.5 ul
Buffer H	1 ul
dH ₂ O	7 ul
Total	10 ul

Electrophoresis: 1% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern from BC070256.1 CDS>

2553, 601 bp

● Adjust plasmid DNA solution to 25 ng/ul ~preparation for shipping~

Date : 101029 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

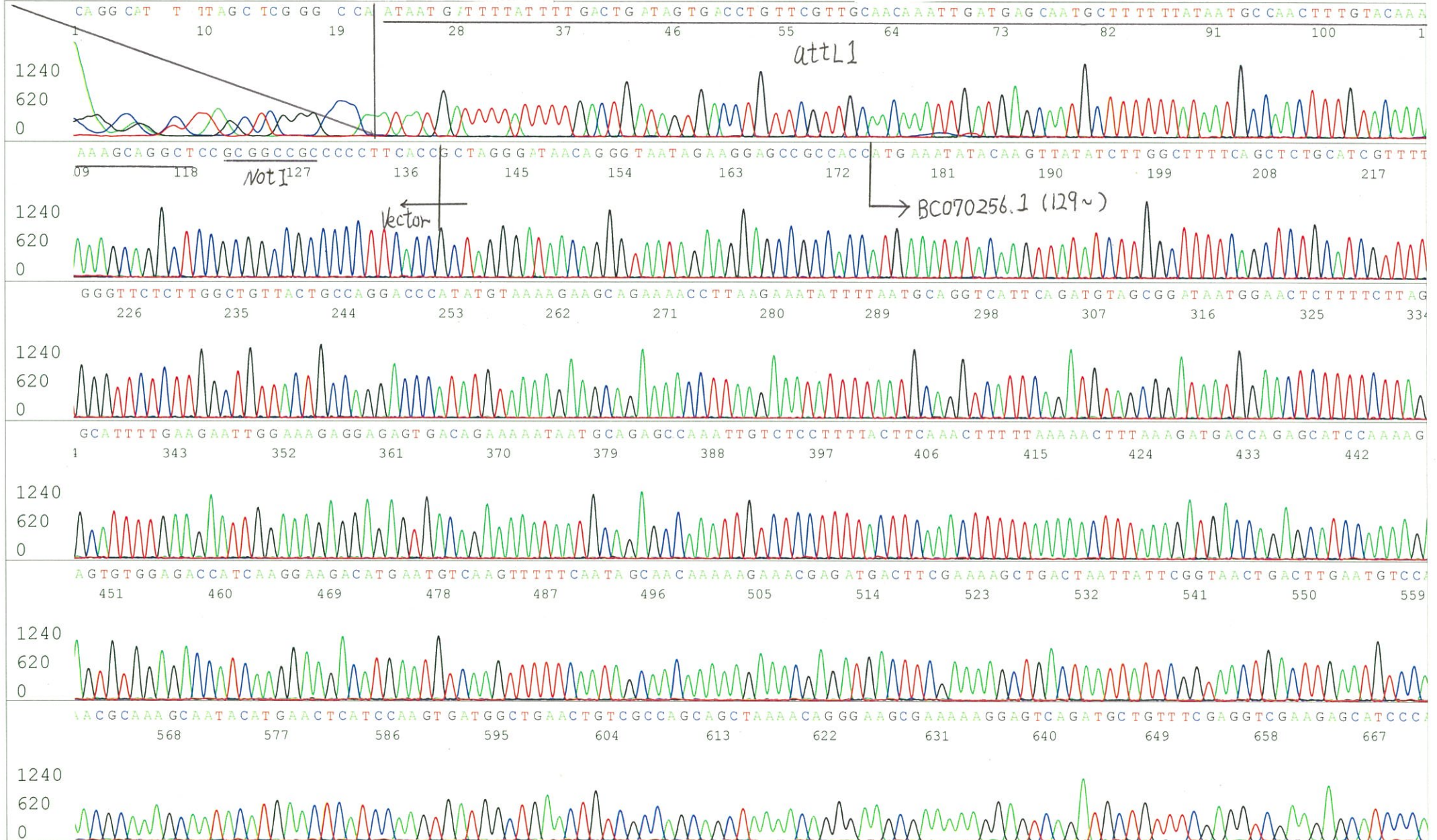
DNA (<u>74.60</u> ng/ul)	81.0 ul
10 × TE	24.2 ul
dH ₂ O	136.5 ul
Total	241.7 ul

S/N G:274 A:376 T:237 C:248
KB.bcp
KB 1.4.1.8 Cap:20

Primer A : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'

Gray line indicates quality value
(QV) < 40:



S/N G:158 A:245 T:164 C: Primer B: T7 long
KB.bcp
KB 1.4.1.8 Cap:23 5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

Gray line indicates quality value
(QV) < 40

