

RIKEN clone ID: M01C029A06

Vector : pDONR221

Gene	CDT1		
Accession No.	BC000137.2	2661 bp	1..2661
	<i>CDS</i>	1641 bp	17..1657
	<i>CDS</i> (Delete stop codon)	1638 bp	17..1654

● Plasmid DNA purification

Date : 110705 Culture : LB (25 ug/ml Kanamycin) 3 ml →37°C O/N

Date : 110706 Purification : QIAGEN Miniprep kit→dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

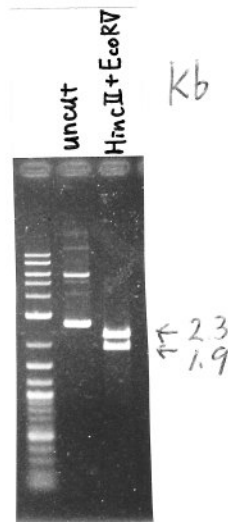
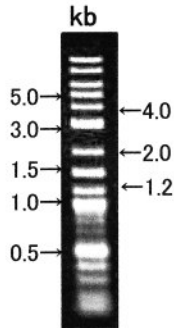
Date : 110706

DNA concentration (O.D.): 47 ng/ul

DNA	2 ul
Restriction enzyme (Hinc II +EcoRV)	0.5+0.5 ul
Buffer H	1 ul
dH ₂ O	6 ul
Total	10 ul

Electrophoresis: 1% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern from BC000137.2 CDS>

1928, 2263 bp

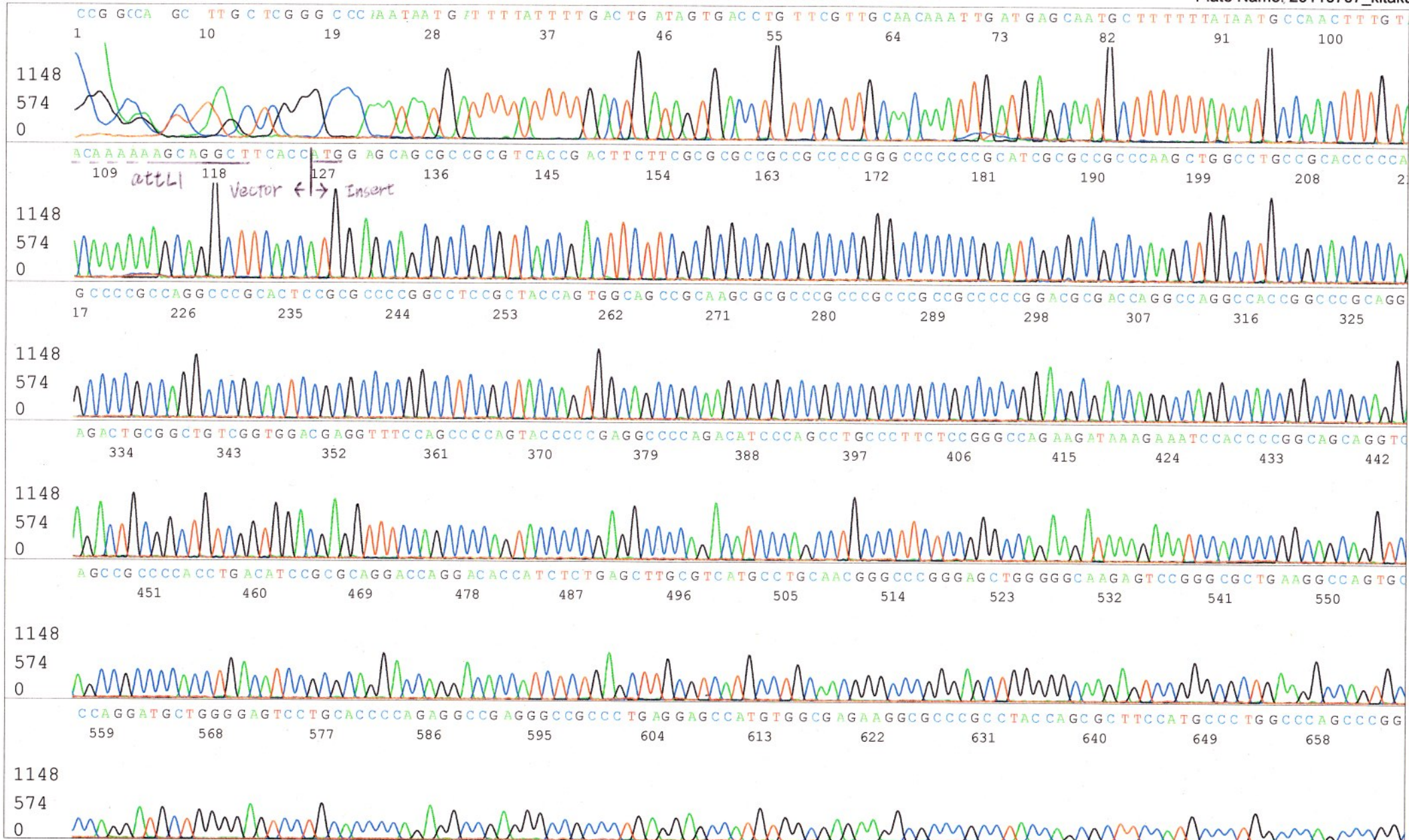
● Adjust plasmid DNA solution to 25 ng/ul ~preparation for shipping~

Date : 110711 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA (<u>47</u> ng/ul)	<u>77.0</u>	ul
10 × TE	<u>14.5</u>	ul
dH ₂ O	<u>53.5</u>	ul
Total	<u>145.0</u>	ul

S/N G:102 A:61 T:54 C:95
KB.bcp
KB 1.4.1.8 Cap:7



S/N G:39 A:20 T:22 C:27
KB.bcp
KB 1.4.1.8 Cap:10

