

**RIKEN clone ID: M01C098A22**

Vector : pDONR221

Gene	CSMD2	
Accession No.	AK127722.1	4380 bp
	<i>CDS</i>	3504 bp
	<i>CDS</i> (Delete stop codon)	3501 bp
		1..4380
		223..3726
		223..3723

● Plasmid DNA purification

Date : 110525 Culture : LB (25 ug/ml Kanamycin) 3 ml → 37°C O/N

Date : 110526 Purification : QIAGEN Miniprep kit → dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme / Concentration calibration

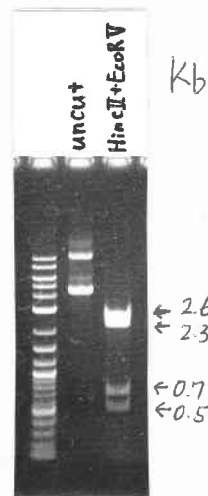
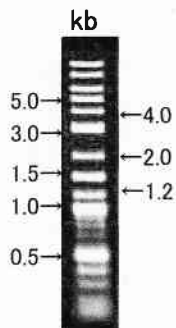
Date : 110526

DNA concentration (O.D.): 110.73 ng/ul

DNA	1 ul
Restriction enzyme (Hinc II + EcoRV)	0.5+0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	7 ul
Total	10 ul

Electrophoresis: 1% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern from AK127722.1 CDS>

515, 697, 2263, 2579 bp

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

Date : 110527 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA ( <u>110.73</u> ng/ul)	<u>84.0</u>	ul
10 × TE	<u>37.2</u>	ul
dH <sub>2</sub> O	<u>250.8</u>	ul
Total	<u>372.1</u>	ul



Project : GNP

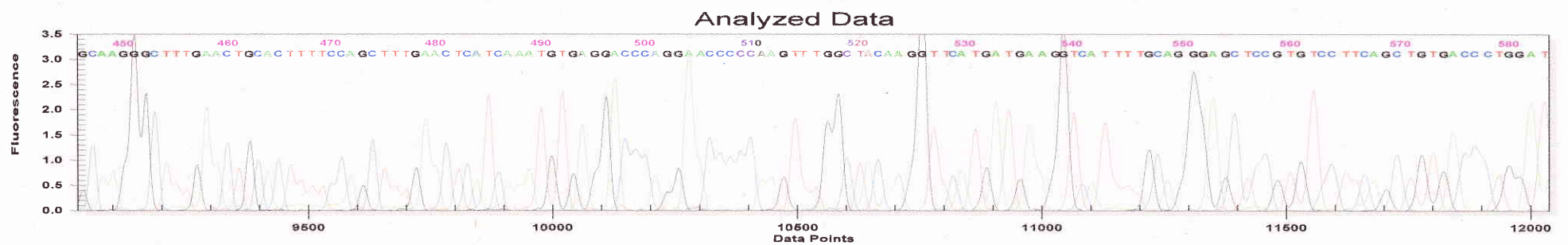
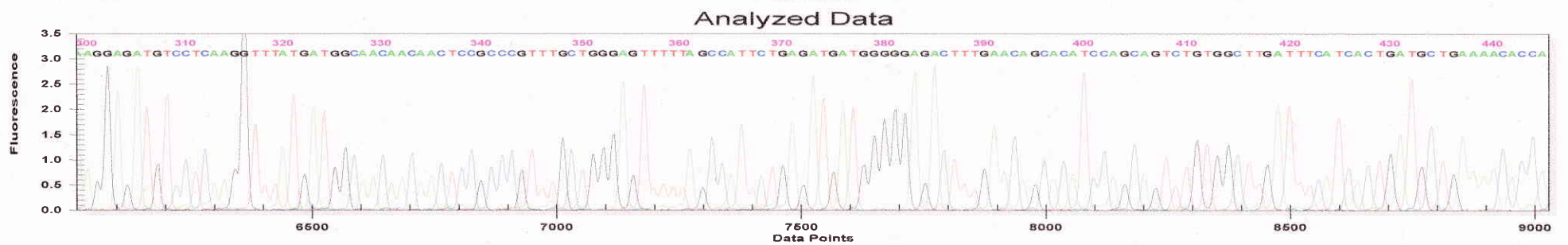
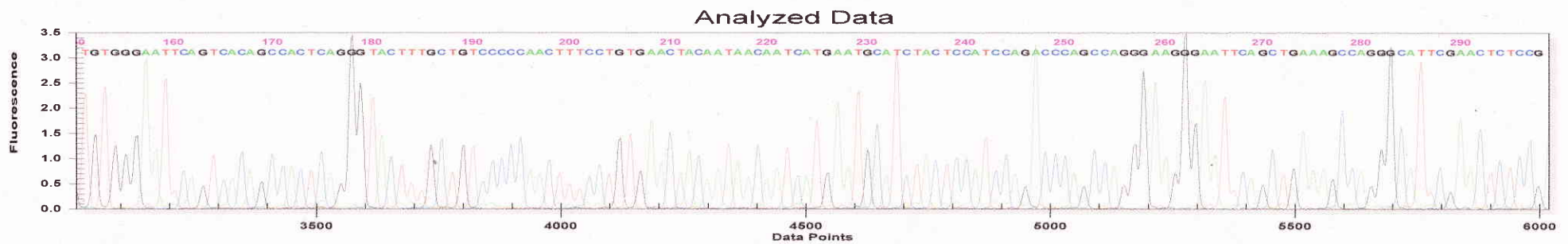
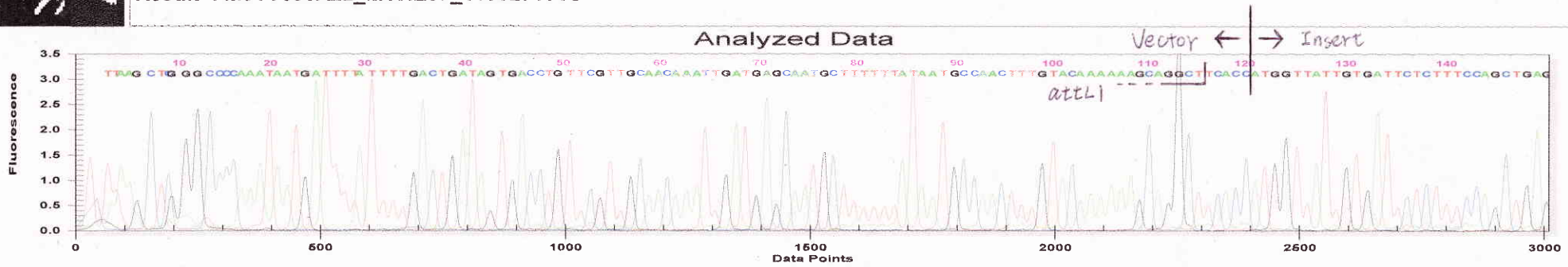
System : System 1

Operator : 1.110527.furu

Sample : M01C098A22\_M13.E07\_11052710VJ

Instrument : System 1 (Ver. 9.0.25)

Result : M01C098A22\_M13.E07\_11052710VJ





Project : GNP

System : System 1

Operator : 1.110527.furu

Sample : M01C098A22\_T7long.F07\_11052710VJ

Instrument : System 1 (Ver. 9.0.25)

Result : M01C098A22\_T7long.F07\_11052710VJ

Vector ← → Insert

