

**RIKEN clone ID: IRAK090K18**

Vector : pBluescriptR

Gene	SLC22A16		
Accession No.	BC047565.1	1983 bp	1..1983
	<i>CDS</i>	1734 bp	68..1801

● Plasmid DNA purification

Date : 110721 Culture : LB (100 ug/ml Ampicillin) 3 ml → 37°C O/N

Date : 110722 Purification : QIAGEN Miniprep kit → dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme / Concentration calibration

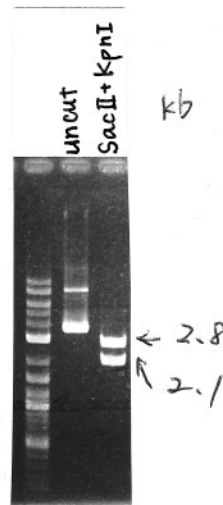
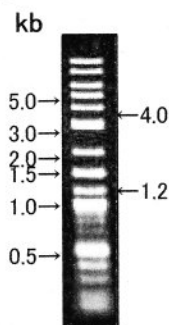
Date : 110722

DNA concentration (O.D.): 117 ng/ul

DNA	1 ul
Enzyme (Sac II +KpnI)	0.5+0.5 ul
Buffer L	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 BC047565.1 >

2111, 2862

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

Date : 110728 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA ( <u>117</u> ng/ul)	<u>84</u>	ul
10 × TE	<u>39.8</u>	ul
dH <sub>2</sub> O	<u>269.8</u>	ul
Total	<u>393.1</u>	ul

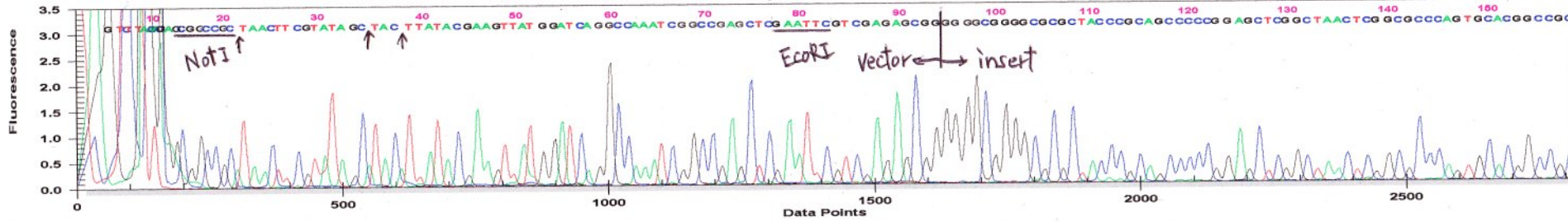


Project : GNP  
Sample : IRAK090K18\_T7.A11\_11072710MF  
Result : IRAK090K18\_T7.A11\_11072710MF

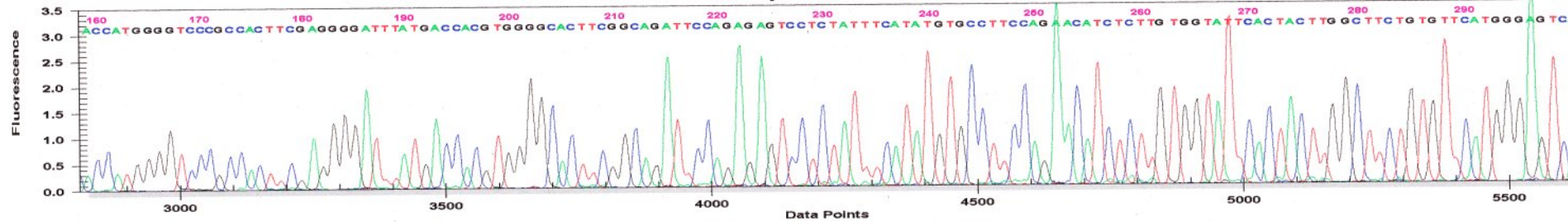
System : CEQ System

Operator : 3.110727.furu  
Instrument : CEQ System (Ver. 9.0.25)

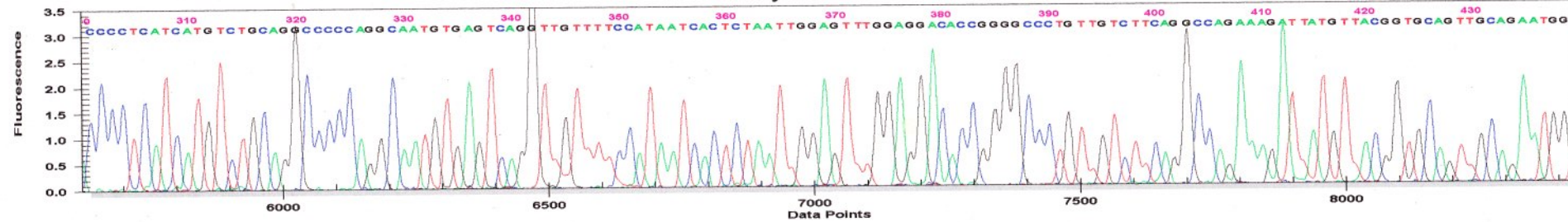
### Analyzed Data



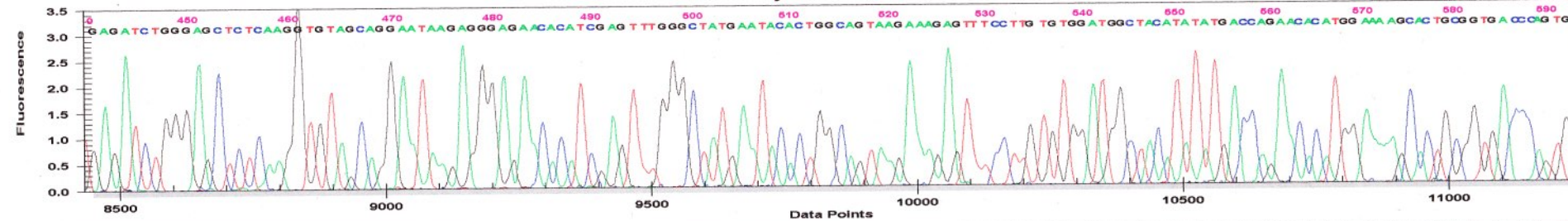
### Analyzed Data



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Project : GNP

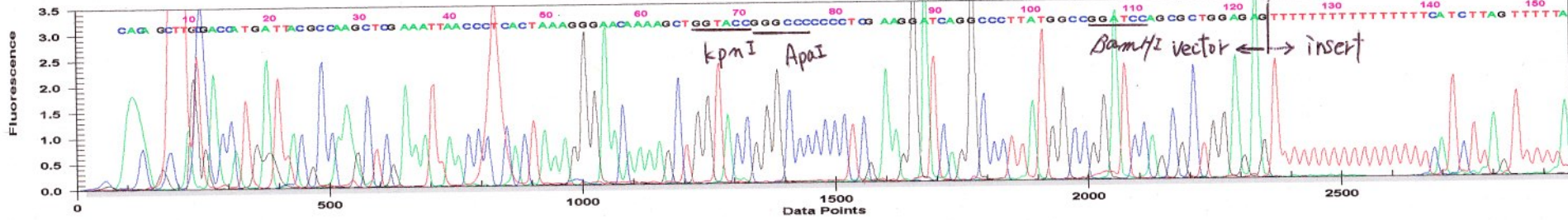
Sample : IRAK090K18\_Reverse2.B11\_11072710MF

Result : IRAK090K18\_Reverse2.B11\_11072710MF

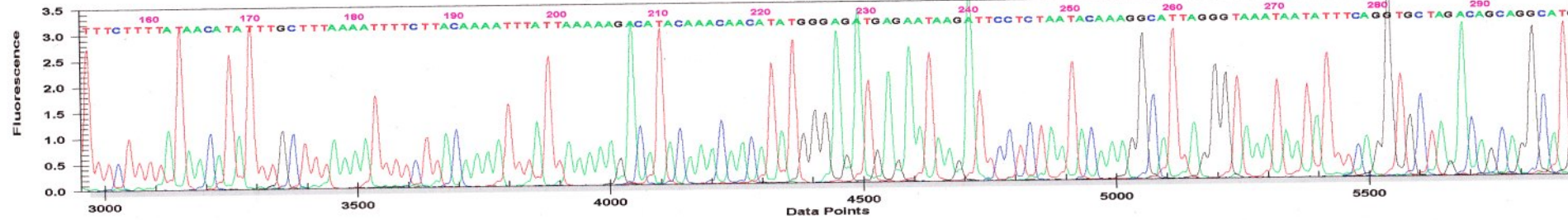
System : CEQ System

Operator : 3.110727.furu  
Instrument : CEQ System (Ver. 9.0.25)

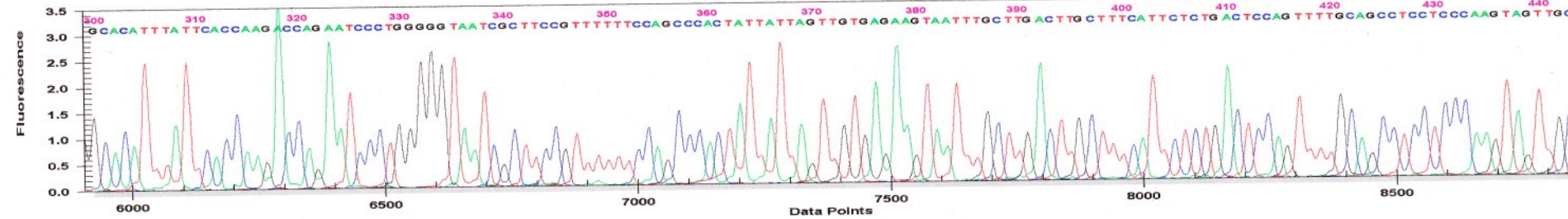
Analyzed Data



Analyzed Data



Analyzed Data



Analyzed Data

