

**RIKEN\_clone ID: IRAK028G24**

Vector : pCMV-SPORT6

Gene	SLC22A16		
Accession No.	BC012014.1	1651 bp	<1..1651
	<i>CDS</i>	535 bp	<1..535

● Plasmid DNA purification

Date : 110711 Culture : LB (100 ug/ml Ampicillin) 3 ml → 37°C O/N

Date : 110712 Purification : QIAGEN Miniprep kit → dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme / Concentration calibration

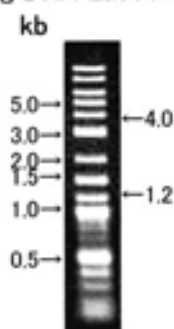
Date : 110712

DNA concentration (O.D.): 126 ng/ul

DNA	1 ul
Enzyme (EcoRI+XhoI)	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 BC012014.1>

1694, 4339 bp

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

Date : 110719 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA ( <u>126</u> ng/ul)	<u>82.0</u> ul
10 × TE	<u>41.3</u> ul
dH <sub>2</sub> O	<u>289.9</u> ul
Total	<u>413.2</u> ul



Project : GNP

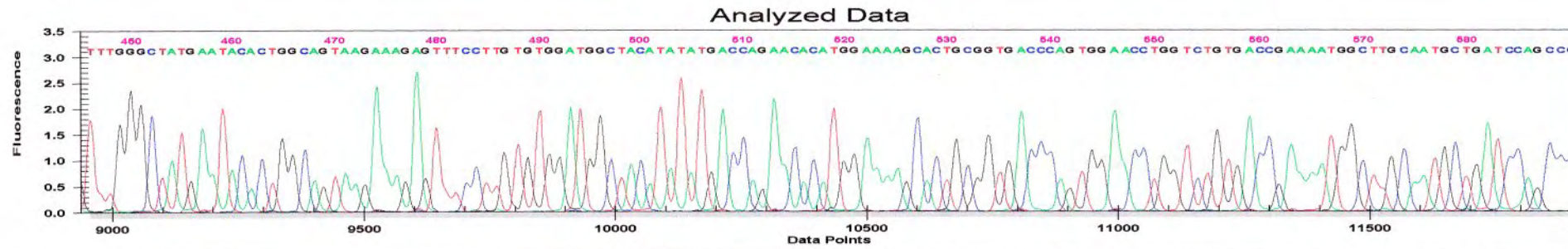
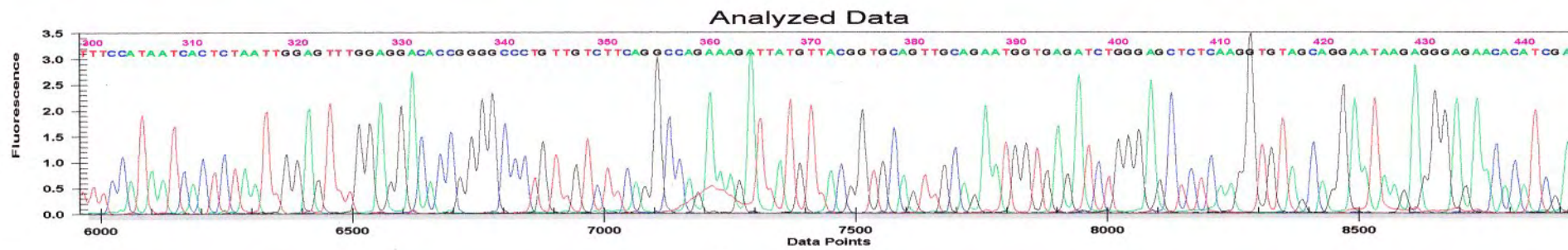
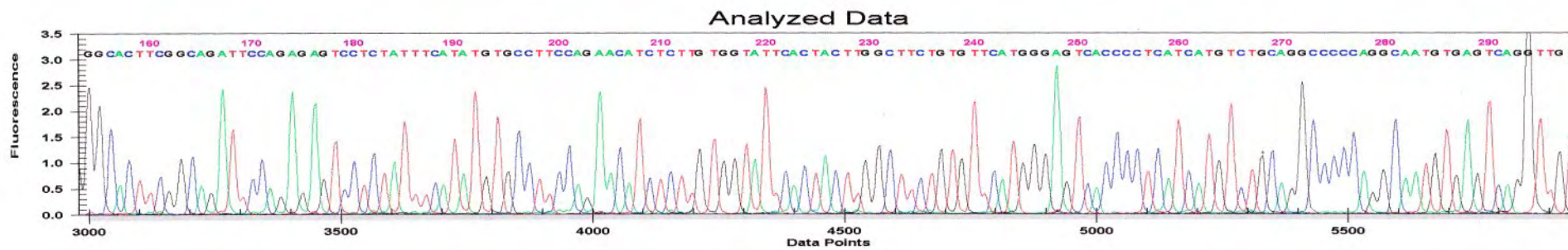
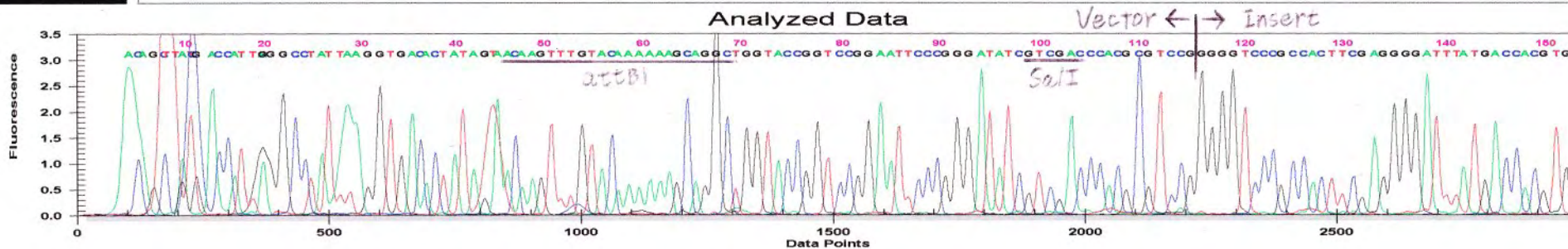
Sample : IRAK028G24\_Reverse2.D08\_11071910L1

Result : IRAK028G24\_Reverse2.D08\_11071910L1

System : CEQ System

Operator : 3.110719.furu

Instrument : CEQ System (Ver. 9.0.25)





S/N G:301 A:267 T:319 C:232  
KB.bcp  
KB 1.4.1.8 Cap:7

IRAK028G24\_M13\_C04\_07  
IRAK028G24\_M13  
KB\_3500\_POP7\_BDTv3.mob  
Pts 1254 to 12496 Pk1 Loc:1231  
Version 5.4 HiSQV Bases: 979

Inst Model/Name 3500/3500 Instrument  
Jul 14,2001 12:05PM, JST  
Jul 14,2001 12:32PM, JST  
Spacing:11.14 Pts/Panel1350  
Plate Name: 20110714\_GNP-kitaku

