

RIKEN clone ID: IRAK082D13

Vector : pCMV-SPORT6

Gene	SLC22A2	
Accession No.	BC039899.1	2446 bp
	<i>CDS</i>	1668 bp
		56..1723

● Plasmid DNA purification

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

Date : 110712 Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

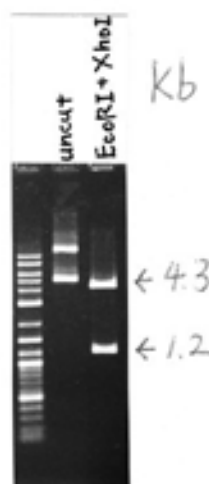
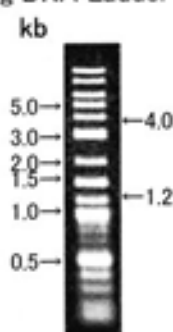
Date : 110712

DNA concentration (O.D.): 136 ng/ul

DNA	1 ul
Enzyme (EcoRI+XhoI)	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 BC039899.1>

1236, 1253, 4339 bp

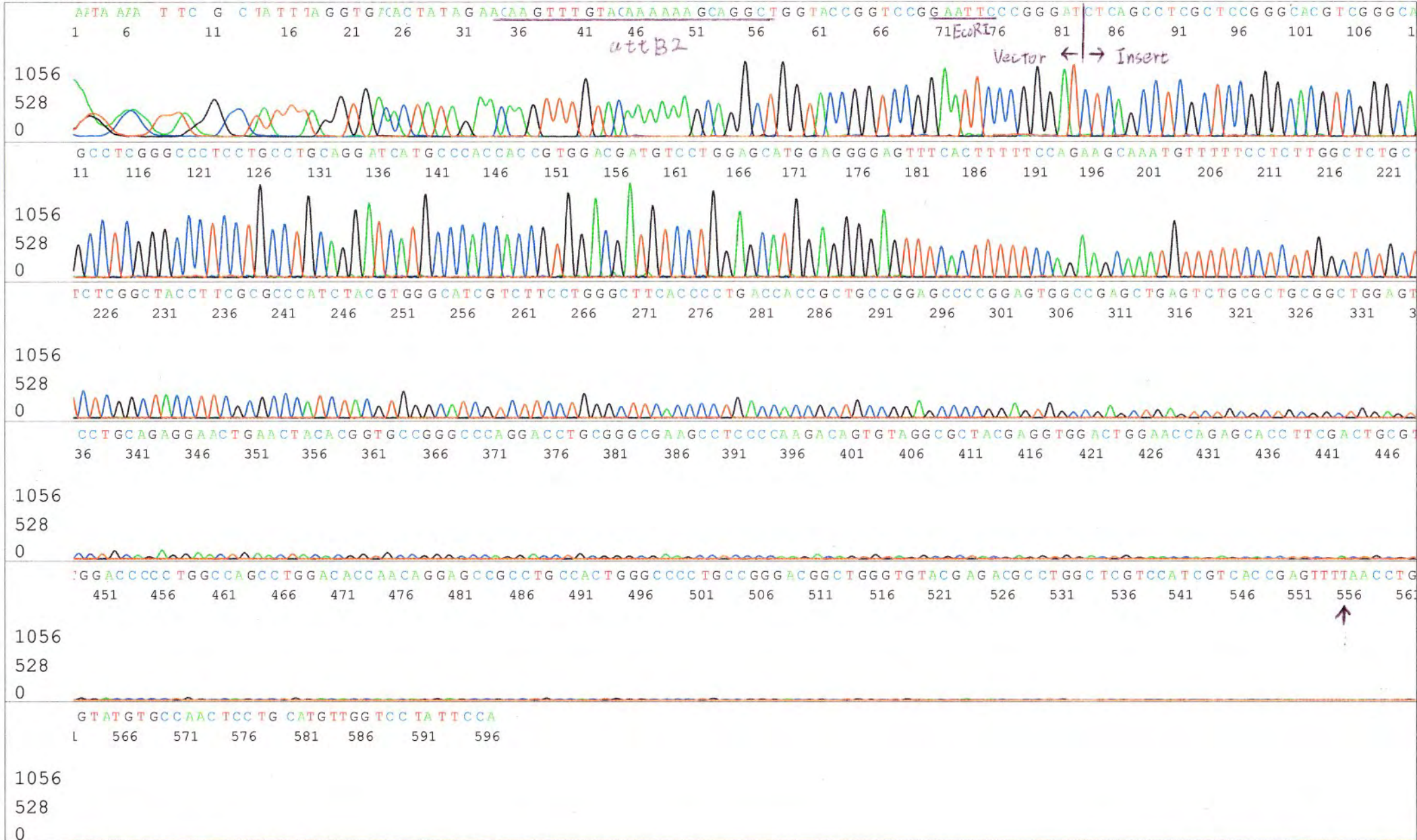
● Adjust plasmid DNA solution to 25 ng/ul ~preparation for shipping~

Date : 110715 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA (<u>136</u> ng/ul)	<u>76.0</u> ul
10 × TE	<u>41.3</u> ul
dH ₂ O	<u>296.1</u> ul
Total	<u>413.4</u> ul

S/N G:243 A:123 T:128 C:143
KB.bcp
KB 1.4.1.8 Cap:23



S/N G:235 A:201 T:345 C:184
KB.bcp
KB 1.4.1.8 Cap:3



S/N G:37 A:25 T:30 C:16
KB.bcp
KB 1.4.1.8 Cap:6

