

**RIKEN clone ID : IRAK015C16**

Vector : pCMV-SPORT6

Gene	FOXA3	
Accession No.	BC016024.1	2046 bp
	<i>CDS</i>	1053 bp
		1..2046
		198..1250

● Plasmid DNA purification

Date : 120327

Culture : LB (100 ug/ml Ampicillin) 5 ml -> 37°C O/N

Date : 120328

Purification : QIAGEN Miniprep kit -> dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

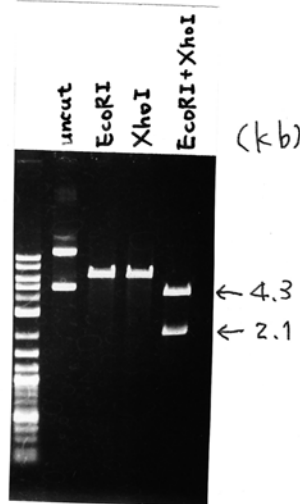
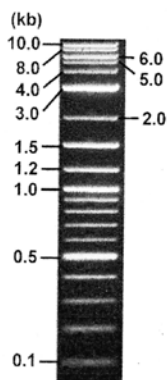
Date : 120328

DNA concentration (O.D.): 55 ng/ul

DNA	2 ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	6 ul
Total	10 ul

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected digestion pattern from BC016024.1 >

4339, 2089 bp

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

Date : 120330

Shipped : 25 ng/ul, 40 ul

Final concentration : 25 ng/ul

DNA ( <u>55</u> ng/ul)	73.0 ul
10x TE	16.1 ul
dH <sub>2</sub> O	71.5 ul
Total	160.6 ul





