

**RIKEN\_Clone ID : IRAK115114**

Vector : pCMV-SPORT6

Gene	FOXQ1	
Accession No.	BC053850.1	2322 bp
	<i>GDS</i>	1212 bp
		266..1477

● Plasmid DNA purification

Date : 120410

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

Date : 120411

Purification : QIAGEN Miniprep kit -> dH<sub>2</sub>O <sup>70</sup>~~100~~ ul

● Digestion by restriction enzyme/Concentration calibration

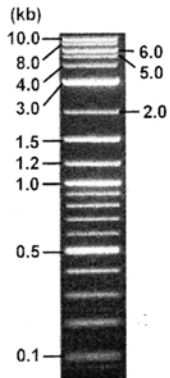
Date : 120411

DNA concentration (O.D.): 82 ng/ul

DNA	1 ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	<u>7</u> ul
Total	10 ul

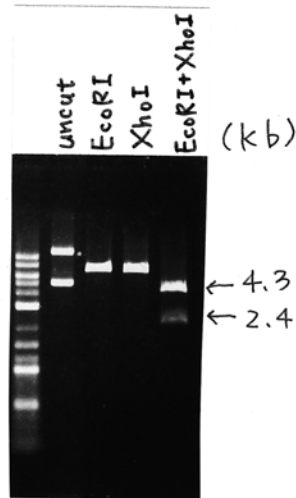
Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected digestion pattern from BC053850.1 >

4339, 2365 bp



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

Date : 120418

Shipped : 25 ng/ul, 40 ul

DNA ( <u>82</u> ng/ul)	54.0 ul
10x TE	17.7 ul
dH <sub>2</sub> O	105.4 ul
Total	177.1 ul





