

RIKEN Clone ID : IRAK027I02

Vector : pCMV-SPORT6

Gene	TCF2	
Accession No.	BC017714.1	2818 bp
	<i>CDS</i>	1674 bp
		1..2818
		189..1862

● Plasmid DNA purification

Date : 120619

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

Date : 120620

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

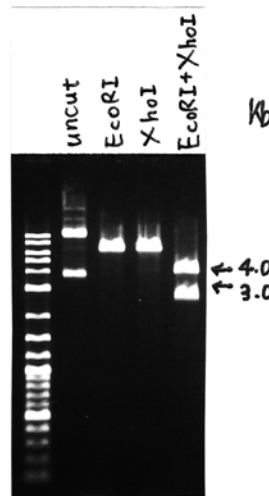
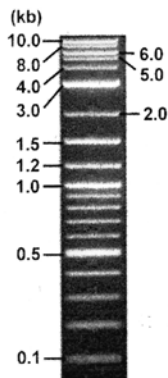
Date : 120620

DNA concentration (O.D.): 231 ng/ul

DNA	0.2 ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.8 ul
Total	10 ul

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected digestion pattern from BC017714.1 >

4339, 2861 bp

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

Date : 120626

Shipped : 25 ng/ul, 40 ul

DNA (<u>231</u> ng/ul)	88.0 ul
10x TE	81.3 ul
dH ₂ O	643.8 ul
Total	813.1 ul

