

RIKEN_clone ID : IRAK049H17

Vector : pCMV-SPORT6

Gene	FCGR3A		
Accession No.	BC036723.1	2341 bp	1..2341
	<i>CDS</i>	873 bp	185..1057

● Plasmid DNA purification

Date : 111025 Culture : LB (100 ug/ml Ampicillin) 5 ml → 37°C O/N

Date : 111026 Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

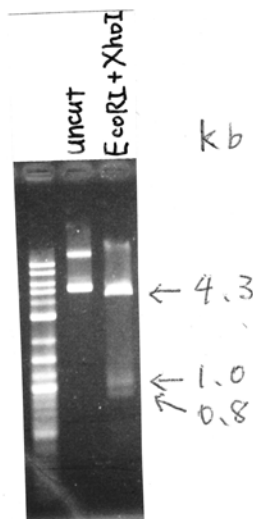
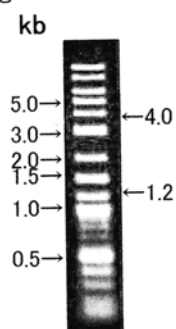
Date : 111026

DNA concentration (O.D.): 74.8 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 BC036723.1>

4339, 1007, 850, 426, 101 bp

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

Date : 111102 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA (<u>74.8</u> ng/ul)	80 ul
10 × TE	23.9 ul
dH ₂ O	135.4 ul
Total	239.3 ul

