

RIKEN Clone ID : W01A086G01

Vector : pENTR/D-TOPO

Gene	ST6GALNAC5	
Accession No.	NM_030965.1	2048 bp
	<i>CDS</i>	1011 bp
		1..2048
		176..1186

● Plasmid DNA purification

Date : 120709Culture : LB (25 ug/ml Kanamycin) 5 ml → 37°C O/NDate : 120710Purification : QIAGEN Miniprep kit → dH₂O 100 ul

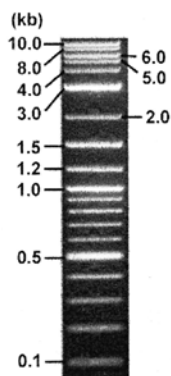
● Digestion by restriction enzyme/Concentration calibration

Date : 120710DNA concentration (O.D.): 96 ng/ul

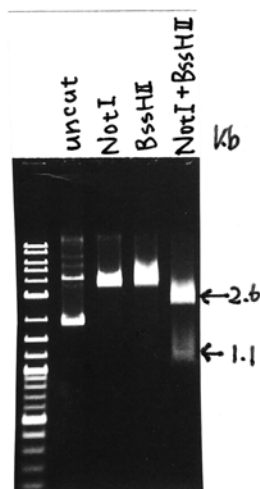
DNA	0.5 ul
Enzyme (NotI + BssHII)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.5 ul
Total	10 ul

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected digestion pattern from NM_030965.1 CDS>

2553, 1111 bp

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

Date : _____

Shipped : 25 ng/ul, 40 ul

DNA (<u>96</u> ng/ul)	85.0	ul
10x TE	32.6	ul
dH ₂ O	208.8	ul
Total	326.4	ul

