

**RIKEN Clone ID : W01A076C03**

Vector : pENTR/D-TOPO

Gene	STAT2	
Accession No.	BC051284.1	4397 bp
	CDS	2556 bp
		24..2579

● Plasmid DNA purification

Date : 130226

Culture : LB (25 ug/ml Kanamycin) 5 ml -> at 37 deg C over night

Date : 130227

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

● Digestion by restriction enzyme/Concentration calibration

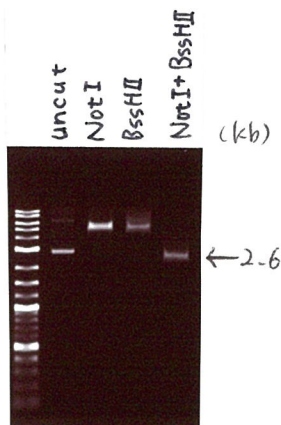
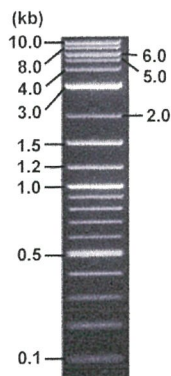
Date : 130314

DNA concentration (O.D.): 39.5 ng/ul

DNA	0.6	ul
Enzyme (NotI + BssHII)	0.5 + 0.5	ul
Buffer H	1	ul
dH <sub>2</sub> O	7.4	ul
Total	10	ul

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected size of fragment from BC051284.1 CDS>

2656, 2553 bp

● Confirmation of the insertion sequence

Date : 130301

Primer A	M13
Primer B	T7 long
Primer C	-
List of Sequencing Primers	<a href="http://dna.brc.riken.jp/en/GNPclone3en.html">http://dna.brc.riken.jp/en/GNPclone3en.html</a>

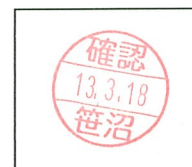
● Adjustment of DNA concentration

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng

Date : 130315

DNA ( <u>39.5</u> ng/ul)	60	ul
10x TE	9.5	ul
dH <sub>2</sub> O	25.3	ul
Total	94.8	ul



APPROVED BY :

<http://dna.brc.riken.jp/index.html>

