

RIKEN Clone ID : W01A107G23

Vector : pENTR/D-TOPO

Gene	GLIS2		
Accession No.	AK126918.1	4466 bp	1..4466
	CDS	1575 bp	822..2396

● Plasmid DNA purification

Date : 130304

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

Date : 130305

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

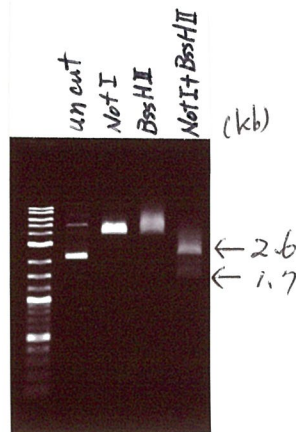
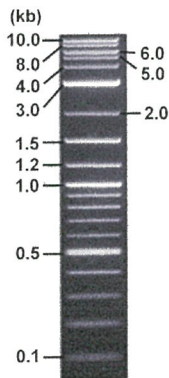
Date : 130306

DNA concentration (O.D.): 181 ng/ul

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

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected size of fragment from AK126918.1 CDS>

2553, 1675 bp

● Confirmation of the insertion sequence

Date : 130311

Primer A	M13
Primer B	T7 long
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Adjustment of DNA concentration

Shipping amount : 40 ul

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

Date : 130311

DNA (<u>181</u> ng/ul)	94	ul
10x TE	68.1	ul
dH ₂ O	518.5	ul
Total	680.6	ul



APPROVED BY :

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

S/N G:132 A:56 T:63 C:7 Primer B : T7 long

W01A107G23_A3Bm_T7long

Mar 07, 2013 05:36PM, JST

KB:bcp 5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

KB_3500_POP7_BDTV3.mob

Mar 07, 2013 06:03PM, JST

KB 1.4.1.8 Cap:18 f' CGCCAAGCTCTAATACGACTCACTATAGGG 3' Pts 1237 to 12789 Pk1 Loc:1214

Version 5.4 HISQV Bases: 992

Plate Name: 20130307_GNP

