

**RIKEN Clone ID : IRAL051A06**

Vector : pDNR-LIB

Gene	HTR2B	
Accession No.	BC063123.1	2260 bp
	CDS	1446 bp

● Plasmid DNA purification

Date : 180209

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

Date : 180213

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

● Digestion by restriction enzyme/Concentration calibration

Date : 180213

DNA concentration (O.D.): 38 ng/ul

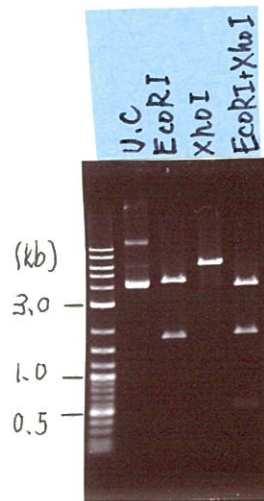
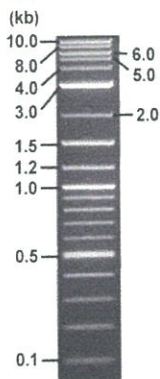
< Size of fragment expected from this clone >

DNA	<u>2.6</u> ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	<u>5.4</u> ul
Total	10 ul

EcoRI	4.4 , 1.8 kb
XhoI	6.2 kb
EcoRI + XhoI	3.9kb (Vector)      1.8, 0.5 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180221

DNA ( <u>38</u> ng/ul)	<u>70.0</u> ul
10x TE	<u>10.6</u> ul
dH <sub>2</sub> O	<u>25.8</u> ul
Total	<u>106.4</u> ul

● Confirmation of the insertion sequence

Date : 180214

Primer A	T7 long
Primer B	M13 Reverse
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>

● Shipping

Conc. : 25 ng/ul, Volume : 40 ul  
 Conc. : ~~ng/ul~~, Volume : ~~ul~~



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

S/N G:202 A:366 T:310 C:38

Primer A: T7 long

IRAL051A06\_A8B7\_T7long

KB\_3500\_POP7\_BDTv3.mob

Gray line indicates quality value

Feb 14,2018 10:16AM, JST

Feb 14,2018 10:31AM, JST

KB.bcp

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

Pts 1878 to 8683 Pk1 Loc:1846

(QV) < 40.

Spacing:10.22 Pts/Panel1350

KB 1.4.1.8 Cap:13

Version 6.0 HiSQV Bases: 663

Plate Name: 20180214\_GNP

