

RIKEN Clone ID : IRAK084P12

Vector : pCMV-SPORT6

Gene	LOC51035	
Accession No.	BC040129.1	1168 bp
	<i>GDS</i>	894 bp

● Plasmid DNA purification

Date : 22-11-14

Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C over night

Date : 22-11-15

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 22-11-15

DNA concentration (O.D.): 399 ng/ul

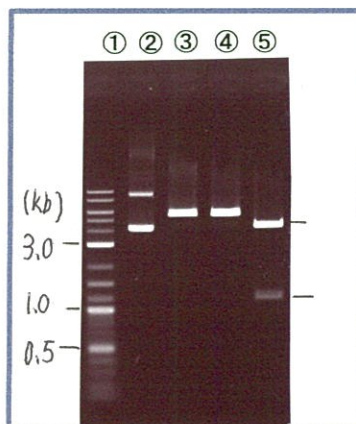
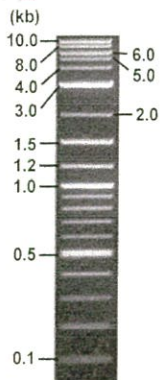
< Size of fragment expected from this clone >

DNA	0.25 ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.75 ul
Total	10 ul

EcoRI	5.5 kb
XhoI	5.5 kb
EcoRI + XhoI	4.3kb (Vector) 1.2 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



①:Marker
②:uncut
③:EcoRI
④:XhoI
⑤:EcoRI + XhoI

● Adjust plasmid DNA solution to 25 ng/ul

Date : 22.11.22

● Confirmation of the insertion sequence

Date : 22.11.18

DNA (<u>399</u> ng/ul)	<u>82.0</u> ul
10x TE	<u>130.8</u> ul
dH ₂ O	<u>1095.9</u> ul
Total	<u>1308.7</u> ul

Primer A	Reverse2
Primer B	M13
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● 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:271 A:298 T:143 C:343

Primer A : Reverse2

7893_IRAK084P12_B2K9_Reverse2

Nov 16,2022 09:48AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Nov 16,2022 10:11AM, JST

KB 1.4.1.8 Cap:11

5' GCGGATAACAATTTTCACACAGG 3'

Pts 1568 to 12447 Pk1 Loc:1551

(QV) < 40.

Spacing:13.74 Pts/Panel1350

Version 6.0 HiSQV Bases: 807

Plate Name: 20221116_GNP

