

RIKEN Clone ID : IRAK026E17

Vector : pCMV-SPORT6

Gene	ITGB1	
Accession No.	BC020057.1	3656 bp
	<i>CDS</i>	2397 bp
		1..3656
		66..2462

● Plasmid DNA purification

Date : 120823

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

Date : 120824

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

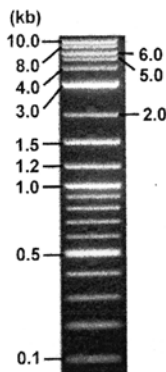
Date : 120824

DNA concentration (O.D.): 145 ng/ul

DNA	0.4	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.6	ul
Total	10	ul

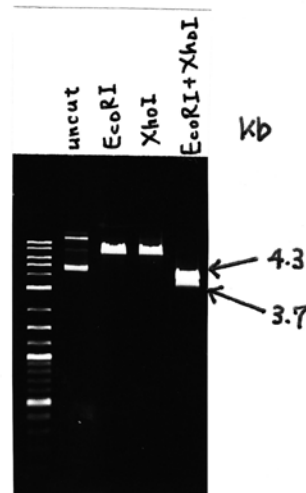
Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected size of fragment from BC020057.1 >

4339, 3699 bp



● Confirmation of the insertion sequence

Date : 120829

Primer A	Reverse2
Primer B	M13
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/ul

Date : 120830

DNA (<u>145</u> ng/ul)	80.0	ul
10x TE	46.4	ul
dH ₂ O	337.6	ul
Total	464.0	ul



APPROVED BY :

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

S/N G:681 A:897 T:683 C:571 Primer B : M13
 KB.bcp
 KB 1.4.1.8 Cap:10 5' GTTTTCCACGATCAGCAGCTTGTGA 3'

IRAK026E17_M13(-40)_D01_10
 IRAK026E17_M13(-40)
 KB_3500_POP7_BDTV3.mob
 Pts 1439 to 12534 Pk1 Loc:1416
 Version 5.4 HiSQV Bases: 970

Inst Model/Name 3500/3500 Instrument

Aug 29, 2002 09:19AM, JST
 Aug 29, 2002 09:45AM, JST
 Spacing:10.99 Pts/Panel1350
 Plate Name: 20120829_mix

