

RIKEN Clone ID : IRAK021J05

Vector : pCMV-SPORT6

Gene	FBXO17	
Accession No.	BC012385.1	1269 bp
	<i>CDS</i>	837 bp
		84..920

● Plasmid DNA purification

Date : 12/21

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

Date : 12/212

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

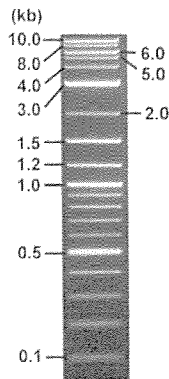
Date : 12/212

DNA concentration (O.D.): 74 ng/ul

DNA	0.7	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.3	ul
Total	10	ul

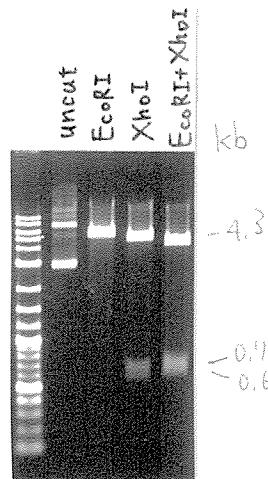
Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected size of fragment from BC012385.1 >

.....4339, 671, 641 bp.....



● Confirmation of the insertion sequence

Date : 12/214

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

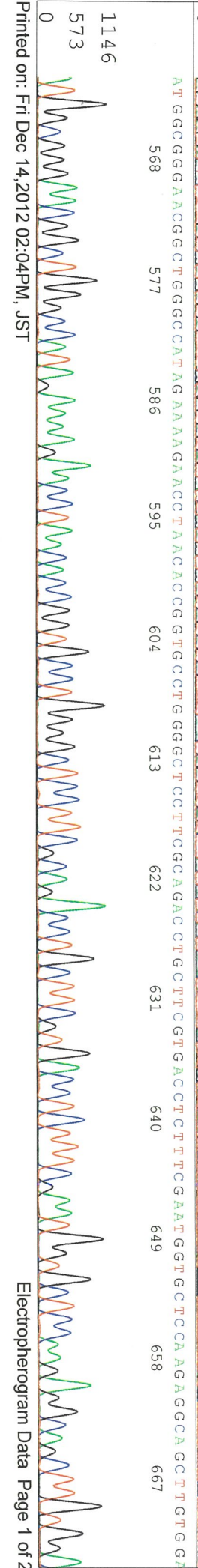
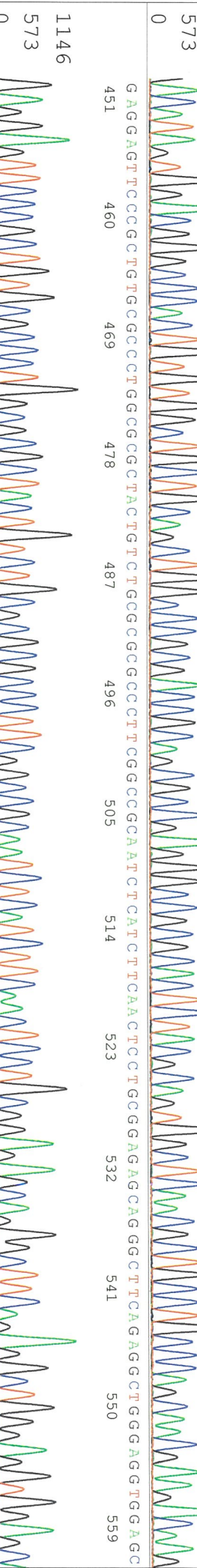
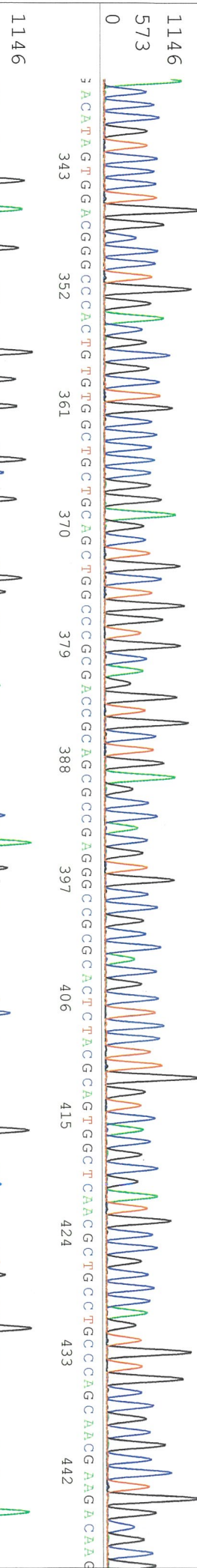
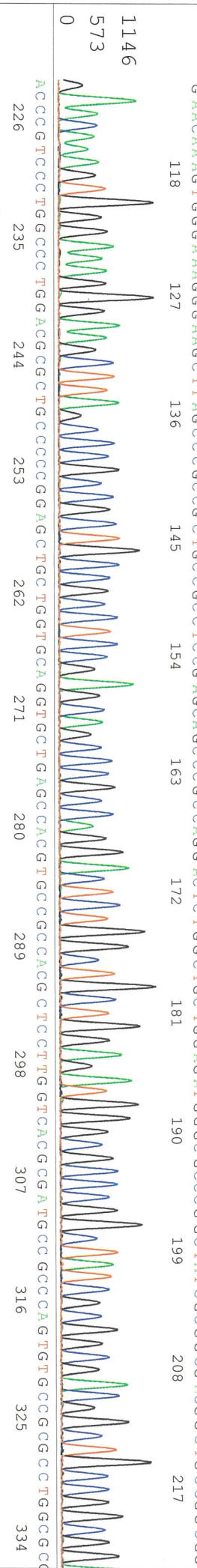
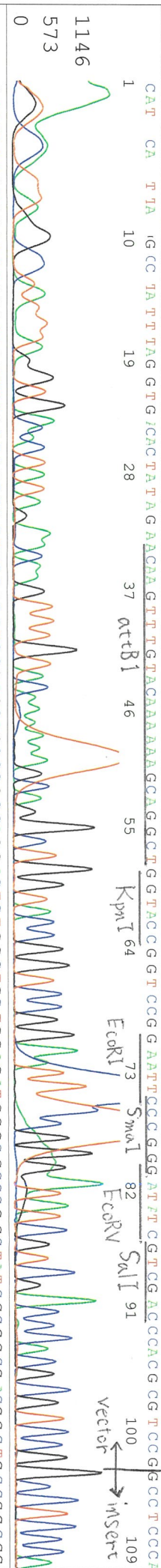
Date : 12/221

DNA (<u>74</u> ng/ul)	84	ul
10x TE	248	ul
dH ₂ O	139.8	ul
Total	248.6	ul



APPROVED BY :

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



S/N G:392 A:260 T:255 C:265

KB.bcp

KB 1.4.1.8 Cap:19

5' GTTTTCCAGTACGACGTTGTA 3'

1 CCG C F G C G C T A G C T T A T A T A C G A C T C A C T A T A G G G F C C A C T T T G T A C A A G A A A A G C T G G G T T C G C G G T A A G C T T G G C C C C T C G A G G F T A C T C T A G A G C G G C C G C C C T T T T T T T T
 10 19 28 37 46 attB 2 55 64 M13 73 ApaI 82 XbaI 91 XbaI 100 NotI 109
 vector ← insert →

