

RIKEN Clone ID : W01A001M05

Vector : pENTR/D-TOPO

Gene	SUB1	
Accession No.	BC009610.1	1336 bp
	<i>CDS</i>	384 bp
		57..440

● Plasmid DNA purification

Date : 130305

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

Date : 130306

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

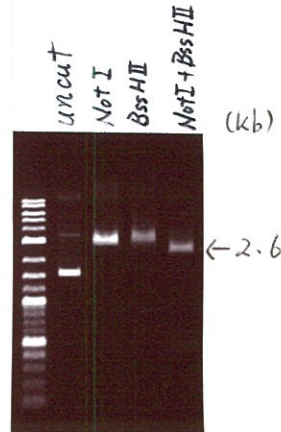
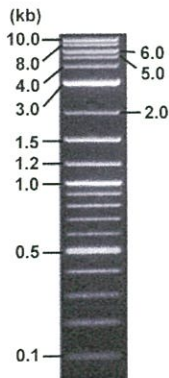
Date : 130307

DNA concentration (O.D.): 105 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 BC009610.1 CDS>

2553.484 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

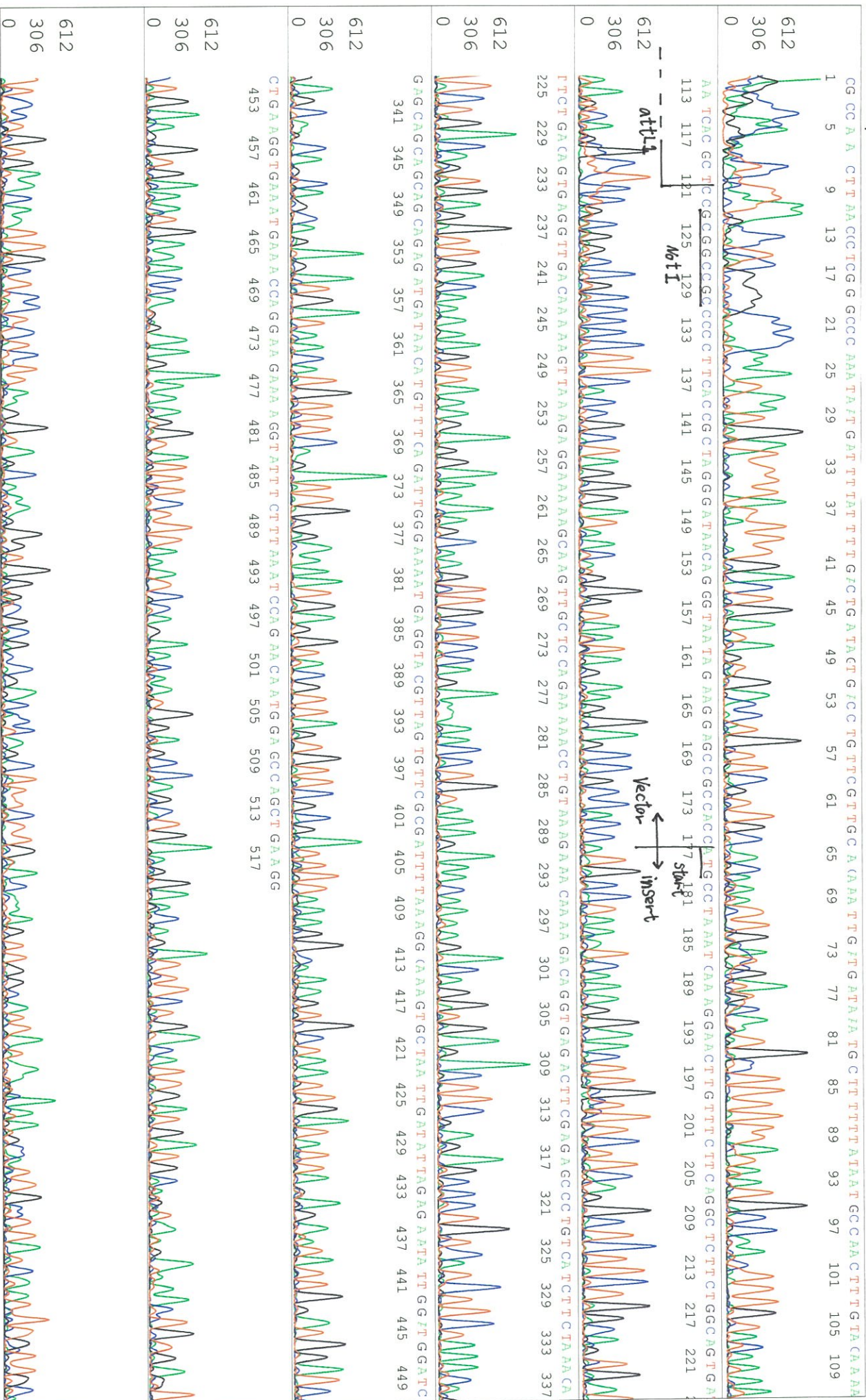
Date : 130312

DNA (<u>105</u> ng/ul)	91	ul
10x TE	38.2	ul
dH ₂ O	253	ul
Total	382.2	ul



APPROVED BY :

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



S/N G:23 A:13 T:18 C:14

Primer B : T7 long

W01A001M05_A3Bm_T7long

Mar 07,2013 05:36PM, JST

KB.bcp

KB 1.4.1.8 Cap:24

5' CGCCAAAGCTCTAATACGACTCACTATAGGG 3'

KB_3500_POP7_BDTv3.mob

Mar 07,2013 06:03PM, JST

Pts 1229 to 12980 Pk1 Loc:1206

Spacing:11.55 Pts/Panel1350

Version 5.4 HSQV Bases: 1005

Plate Name: 20130307_GNP

