

RIKEN Clone ID : W01A061L22

Vector : pENTR/D-TOPO

Gene	HEY1		
Accession No.	AK074641.1	2196 bp	1..2196
	<i>CDS</i>	915 bp	104..1018

● Plasmid DNA purification

Date : 130225

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

Date : 130226

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

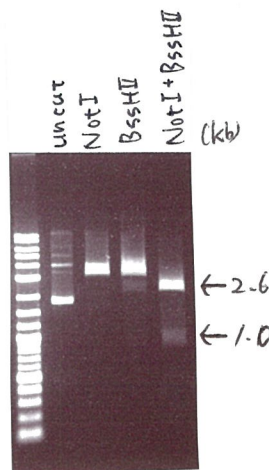
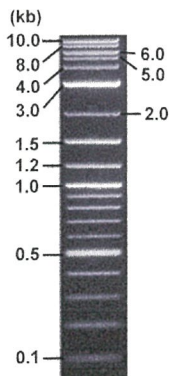
Date : 130227

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

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected size of fragment from AK074641.1 CDS>

2553, 1015 bp

● Confirmation of the insertion sequence

Date : 130228

Primer A	M13
Primer B	T7 long
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

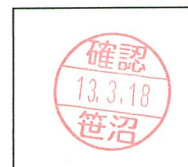
● Adjustment of DNA concentration

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng

Date : 130314

DNA (<u>105</u> ng/ul)	85	ul
10x TE	35.7	ul
dH ₂ O	236.3	ul
Total	357	ul

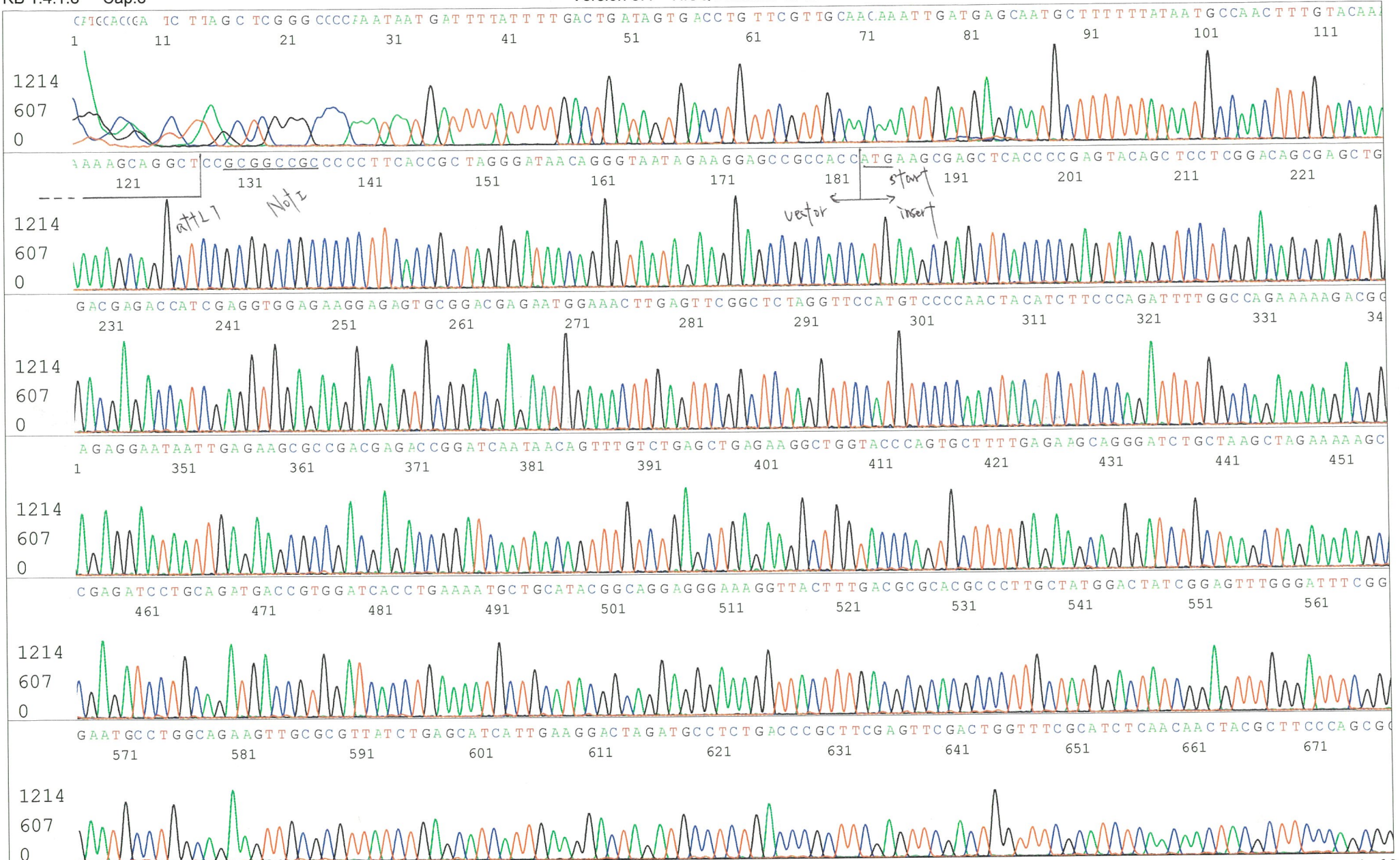


APPROVED BY :

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

S/N G:109 A:71 T:68 C:67
KB.bcp
KB 1.4.1.8 Cap:8

Primer A : M13
5' GTTTTCCCAGTCACGACGTTGTA 3'



S/N G:199 A:102 T:99 C:9 Primer B: T7 long

KB.bcp

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

KB 1.4.1.8 Cap:9

