Genome Network Project_Entry clone

Gene Engineering Division
RIKEN BioResource Center

RIKEN_Clone_ID : W01A062C17

Vector : pENTR/D-TOPO

Gene	MYOD1		
Accession No.	BC064493.1	1699 bp	1..1699
	CDS	963bp	63..1025

● Plasmid DNA purification

Date : 121219

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

Date : 121220

Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

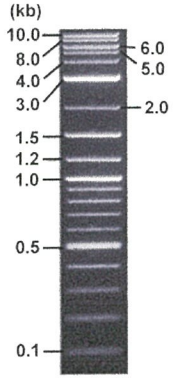
Date : 121220

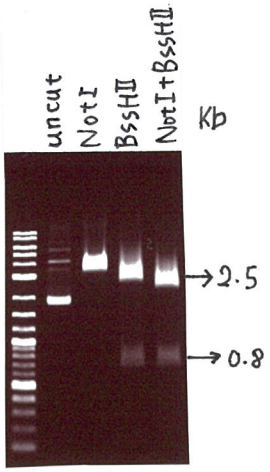
DNA concentration (O.D.): 69 ng/ul

DNA	0.7 ul
Enzyme (NotI + BssHII)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	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 BC064493.1 CDS>

2553, 215, 82, 2, 764 bp

● Confirmation of the insertion sequence

Date : 121225

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 : 130108

DNA (69 ng/ul)	85.0 ul
10x TE	23.5 ul
dH_2O	126.1 ul
Total	234.6 ul

確認 13.1.08 笹沼

APPROVED BY :

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

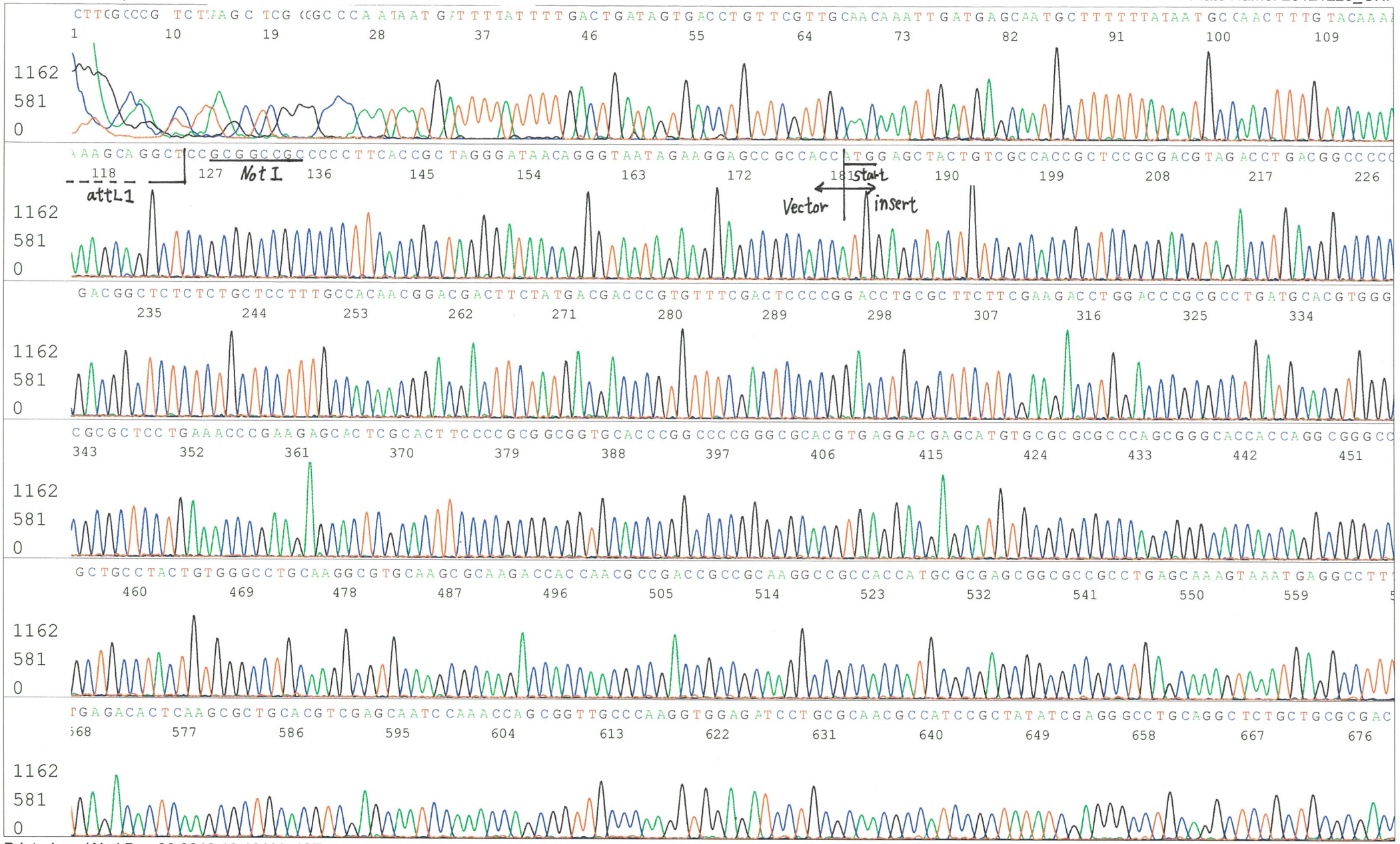
Applied Biosystems

S/N G:30 A:14 T:17 C:28
KB.bcp
KB 1.4.1.8 Cap:9

Primer A : M13
5' GTTTTCCCAGTCACGACGTTGTA 3'

W01A062C17_M13(-40)_C06_09
W01A062C17_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1284 to 13907 Pk1 Loc:1261
Version 5.4 HiSQV Bases: 1041

Inst Model/Name 3500/3500 Instrument
Dec 25,2012 05:15PM, JST
Dec 25,2012 05:41PM, JST
Spacing:12.36 Pts/Panel1350
Plate Name: 20121225_GNP



Applied Biosystems

S/N G:80 A:29 T:48 C:53
KB.bcp
KB 1.4.1.8 Cap:12

Primer B : T7 long
5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

W01A062C17_T7long_D06_12
W01A062C17_T7long
KB_3500_POP7_BDTv3.mob
Pts 1185 to 13772 Pk1 Loc:1162
Version 5.4 HiSQV Bases: 1015

Inst Model/Name 3500/3500 Instrument
Dec 25,2012 05:15PM, JST
Dec 25,2012 05:41PM, JST
Spacing:12.23 Pts/Panel1350
Plate Name: 20121225_GNP