NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Center

RIKEN Clone ID : RBd95B09

Vector : pGCAP10

Gene	MAPK1	
RefSeq_mRNA	NM_002745.4	5916 bp	1..5916
	CDS	1083 bp	241..1323
	5'-terminal sequence	5900 bp	17..5916

● Plasmid DNA purification

Date : 121119

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

Date : 121120

Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

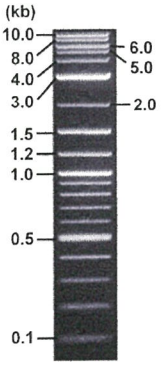
Date : 121120

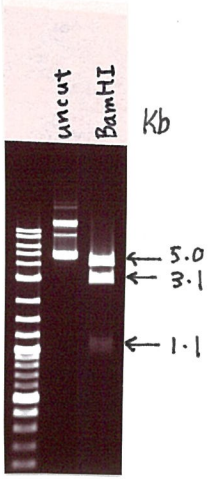
DNA concentration (O.D.): 364 ng/ul

DNA	0.2 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	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 RBd95B09 >

4983, 3138, 1118 bp (inference)

● Confirmation of the insertion sequence

Date : 121122

Primer A	pGCAP-F
Primer B	pGCAP-R
Primer C	Poly(A) region primer
List of Sequencing Primers	http://dna.brc.riken.jp/en/NRCDhum2en.html

● Adjustment of DNA concentration

Shipping amount : 40 ul

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

Date : 121203

DNA (364 ng/ul)	85.0	ul
10x TE	123.8	ul
dH_2O	1,028.9	ul
Total	1,237.6	ul

確認 12.12.03 笹沼

APPROVED BY :

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

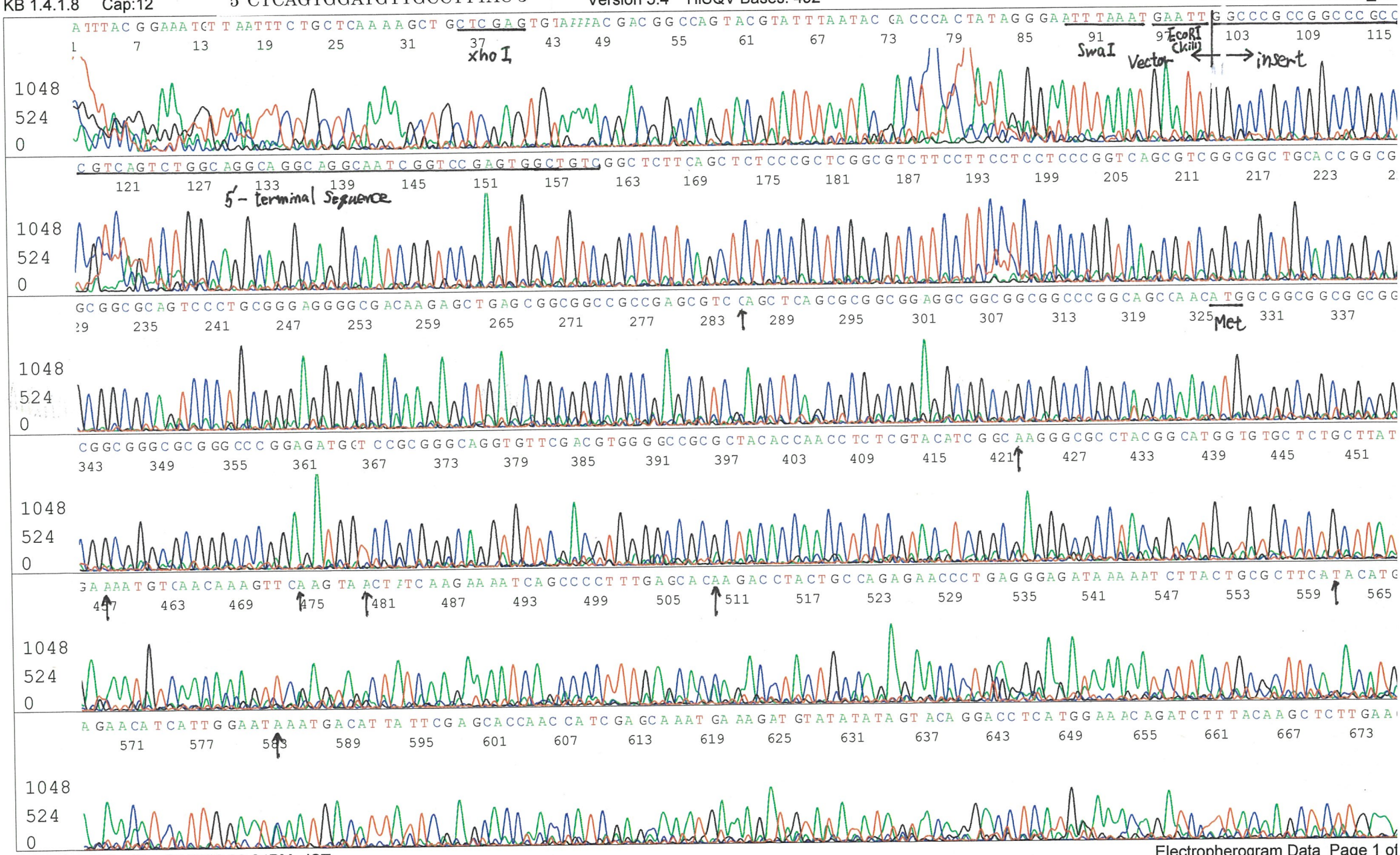
Applied Biosystems

S/N G:8 A:6 T:5 C:6
KB.bcp
KB 1.4.1.8 Cap:12

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

7677_RBd95B09_pGCAP_F_D09_12
7677_RBd95B09_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1336 to 13601 Pk1 Loc:1313
Version 5.4 HiSQV Bases: 492

Inst Model/Name 3500/3500 Instrumen
Nov 22,2012 11:07AM, JST
Nov 22,2012 11:33AM, JST
Spacing:12.12 Pts/Panel135(
Plate Name: 20121122_Mix



Applied Biosystems

S/N G:7 A:7 T:7 C:5
KB.bcp
KB 1.4.1.8 Cap:15

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7677_RBd95B09_pGCAP_R_E09_15
7677_RBd95B09_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1321 to 13634 Pk1 Loc:1298
Version 5.4 HiSQV Bases: 145

Inst Model/Name 3500/3500 Instrument
Nov 22,2012 11:07AM, JST
Nov 22,2012 11:33AM, JST
Spacing:12.12 Pts/Panel1350
Plate Name: 20121122_Mix

