NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Center

Lot# : 7677_A8B9

RIKEN Clone ID : RBd21H07

Vector : pGCAP10

Gene	DACH1	
RefSeq_mRNA	NM_004392.6	4634 bp

● Plasmid DNA purification

Date : 180213 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 180215 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

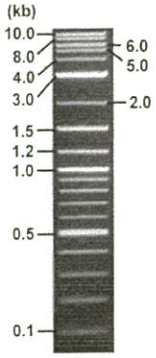
Date : 180215

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

DNA	1.4 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	6.6 ul
Total	10 ul

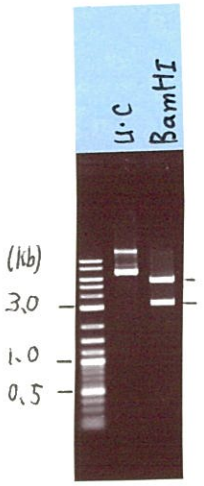
Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 4.8 kb (unsure)



● Confirmation of the insertion sequence

Date : 180221

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

● Adjust plasmid DNA solution to 25 ng/ul

Date : 180301

DNA (69 ng/ul)	78.0 ul
10x TE	21.5 ul
dH_2O	115.7 ul
Total	215.2 ul

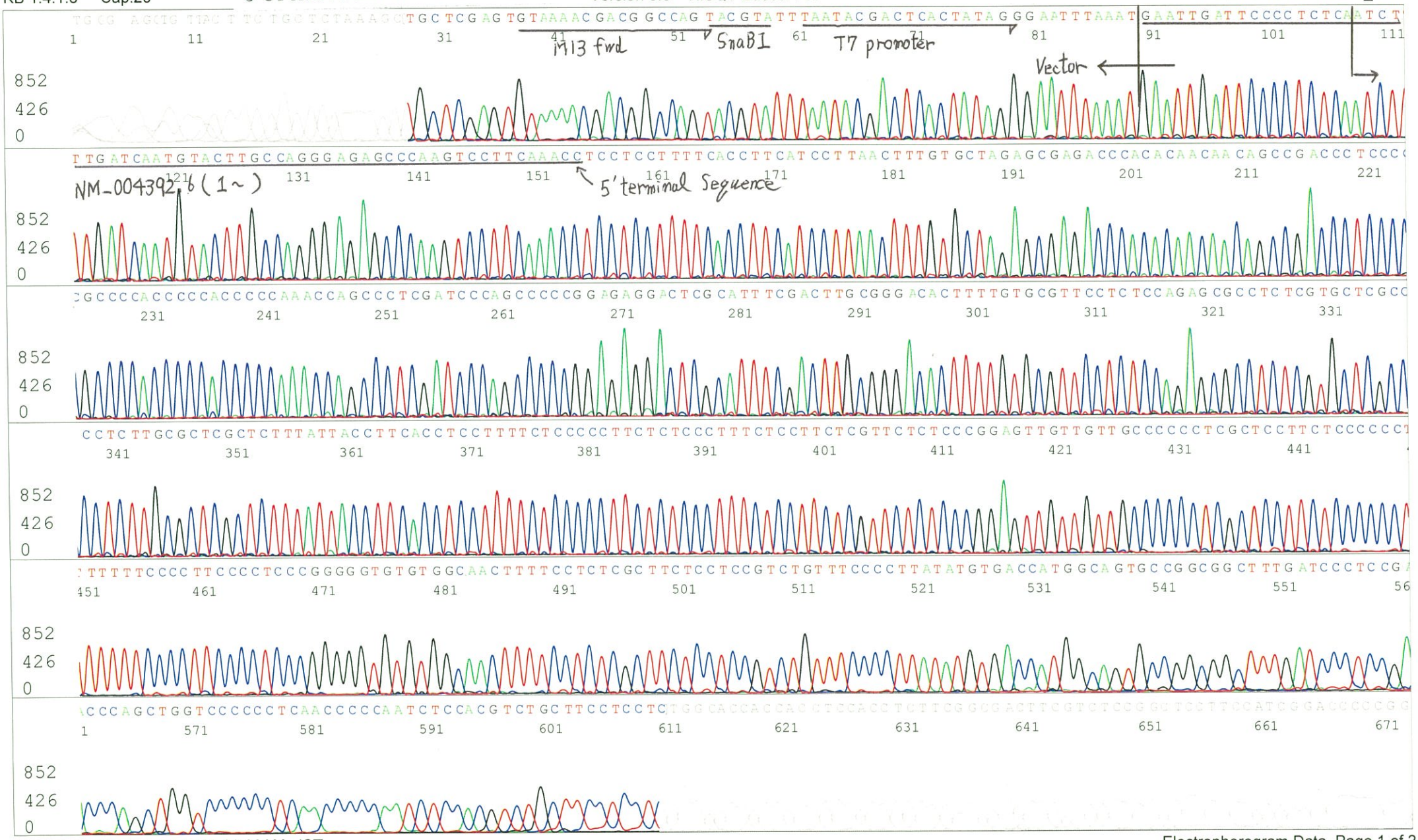
● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :

確認 18.3.01 池沼


M13 fwd
SnaBI
T7 promoter
Vector
NM_004392.6 (1~)
5'terminal Sequence

Applied Biosystems

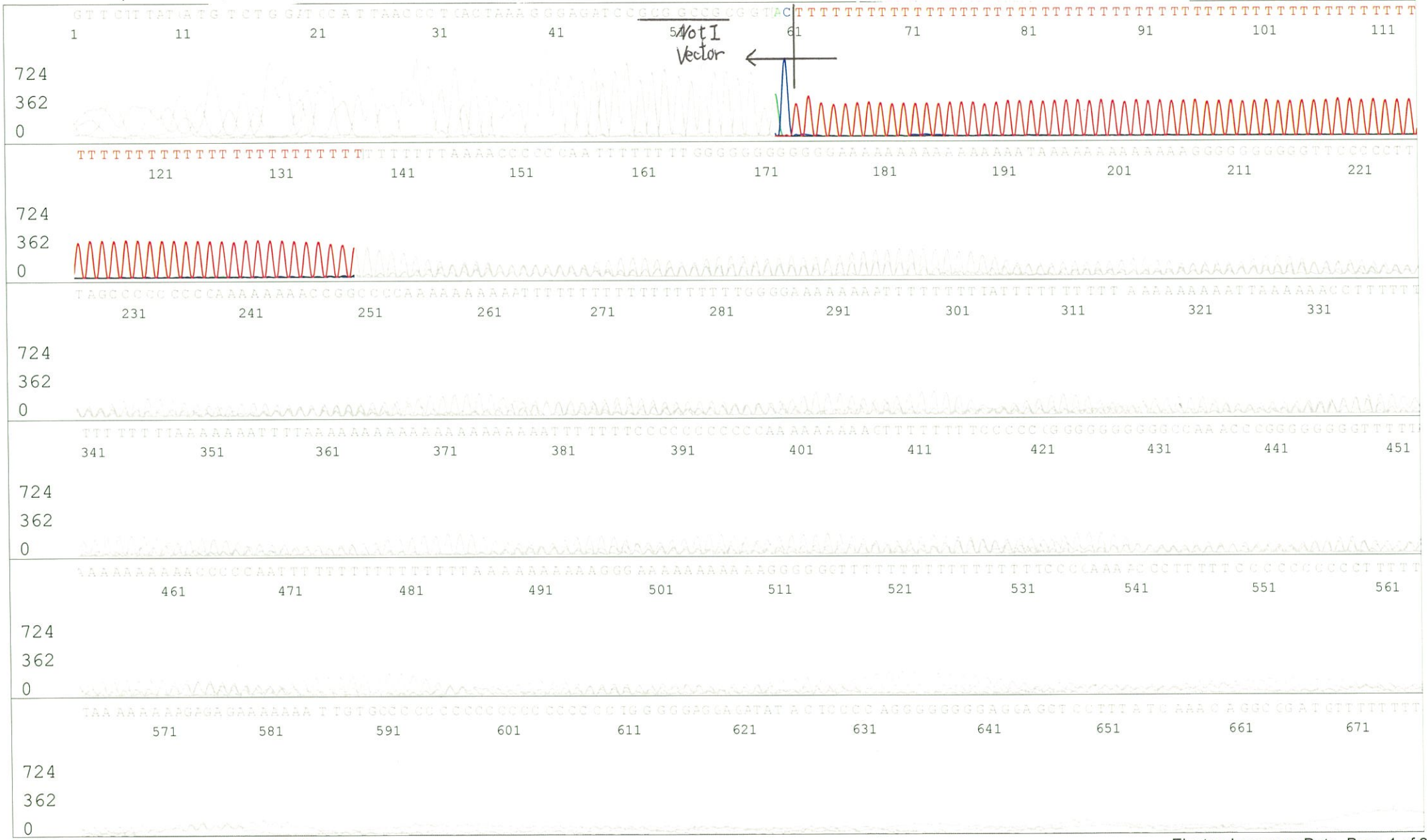
S/N G:24 A:42 T:72 C:41
KB.bcp
KB 1.4.1.8 Cap:23

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7677_RBd21H07_A8B9_pGCAP_R_H05_23_ABI24
7677_RBd21H07_A8B9_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1683 to 8507 Pk1 Loc:1651
Version 6.0 HiSQV Bases: 247

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Feb 21,2018 06:24PM, JST
Feb 21,2018 06:41PM, JST
Spacing:10.25 Pts/Panel1350
Plate Name: 20180221_GNP



Applied Biosystems

S/N G:71 A:145 T:133 C:115
KB.bcp
KB 1.4.1.8 Cap:24

Primer C : Poly(A) region primer #0
5' TTTTTTTTTTTTTTTTTTTTNNN 3'

7677_RBd21H07_A8B9_GNPmixture_H06_24_ABI24
7677_RBd21H07_A8B9_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1695 to 8427 Pk1 Loc:1663
Version 6.0 HiSQV Bases: 728

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Feb 21,2018 06:24PM, JST
Feb 21,2018 06:41PM, JST
Spacing:10.32 Pts/Panel1350
Plate Name: 20180221_GNP

