B'1

NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

RIKEN Clone ID : RBd05C12
Vector : pGCAP10

Lot# : 7677_A9Lp

Gene	FLJ90757	
RefSeq_mRNA	NR_026857.1	4421 bp

● Plasmid DNA purification

Date : 191223 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 200107 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 200107

DNA concentration (O.D.): 227 ng/ul

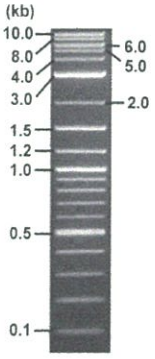
< Size of fragment expected from this clone >

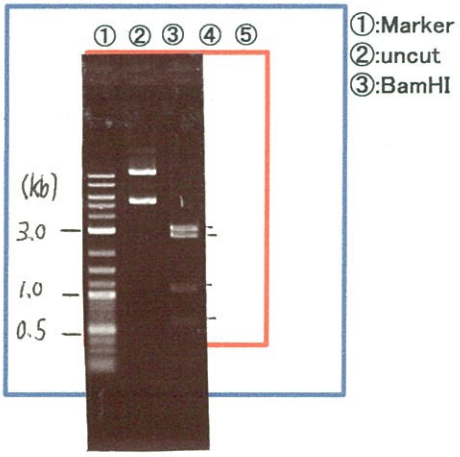
DNA	0.4 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.6 ul
Total	10 ul

BamHI 3.1kb (vector), 2.8, 1.1, 0.6, 0.1 kb (unsure)

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





● Confirmation of the insertion sequence

Date : 210302

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 : 21.03.30

DNA (227 ng/ul)	62.0 ul
10x TE	56.2 ul
dH_2O	444.7 ul
Total	562.9 ul

● Shipping

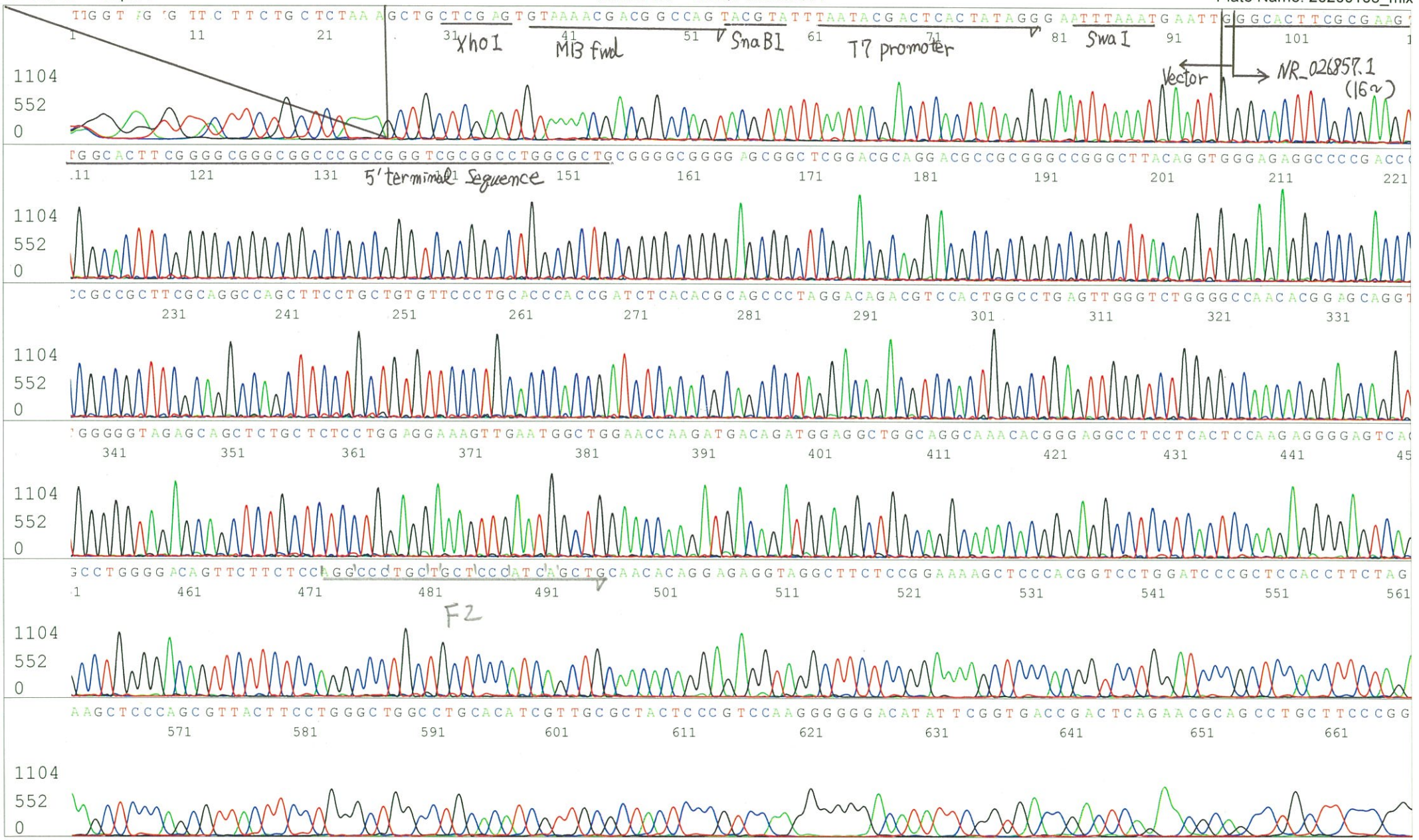
☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ___ ng/μl, Volume : ___ μl~~

APPROVED BY :

確認 21.3.02 笹沼

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


XhoI
M13 fwd
SnaBI
T7 promoter
SwaI
Vector
NR_026857.1
(16s)
5'terminal Sequence
F2

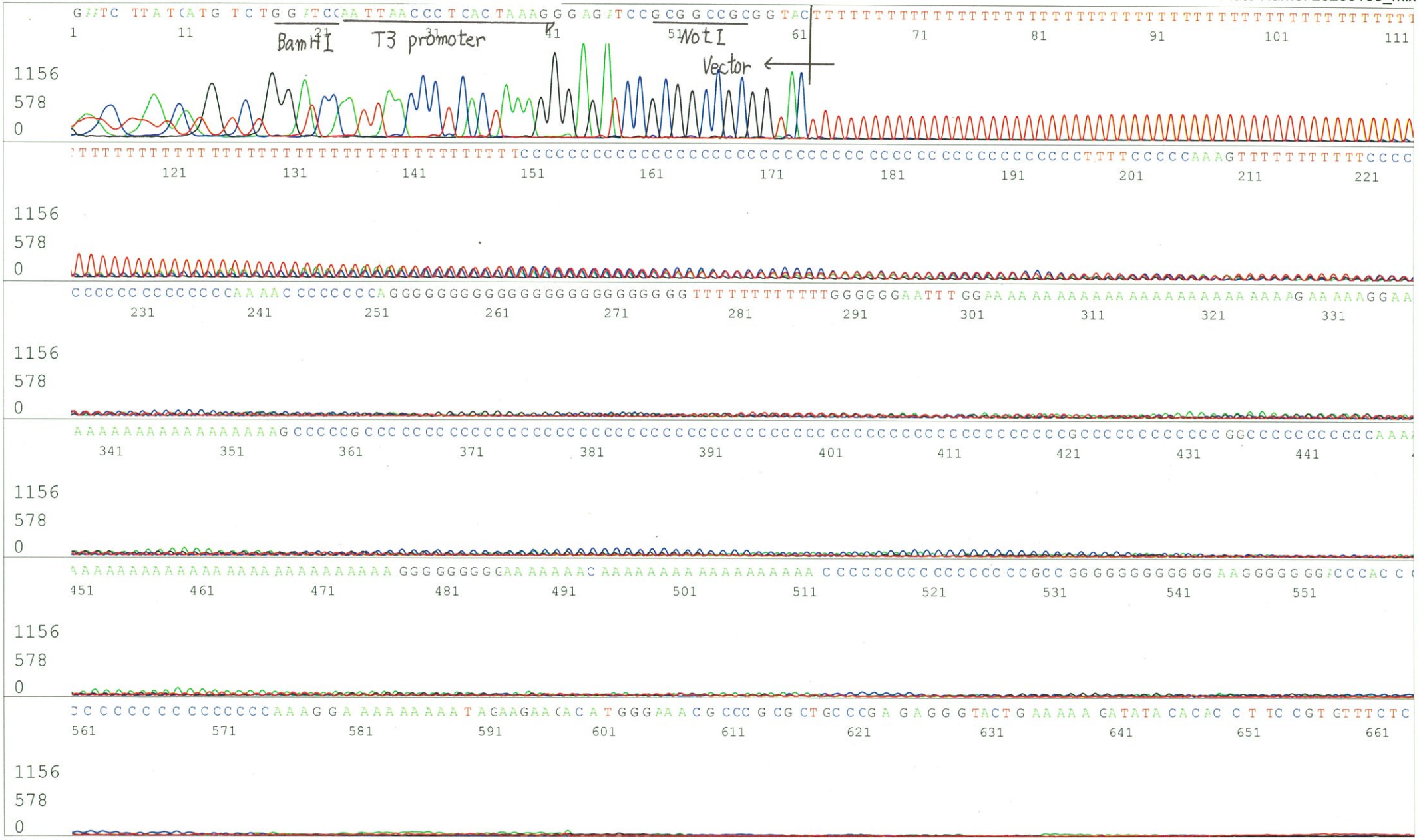
Applied Biosystems

S/N G:61 A:45 T:97 C:68
KB.bcp
KB 1.4.1.8 Cap:24

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7677_RBd05C12_A9Lp_pGCAP_R_H03_24_ABI24
7677_RBd05C12_A9Lp_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts.1816 to 8994 Pk1 Loc:1784
Version 6.0 HiSQV Bases: 88

Inst Model/Name 3500/3500 Instrument
Jan 08,2020 09:53AM, JST
Jan 08,2020 10:07AM, JST
Spacing:10.73 Pts/Panel1350
Plate Name: 20200108_mix



Applied Biosystems

S/N G:8 A:6 T:7 C:7
KB.bcp
KB 1.4.1.8 Cap:1

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

7677_RBd05C12_A9Lp_GNP Mixture_A04_01_ABI24
7677_RBd05C12_A9Lp_GNP Mixture
KB_3500_POP7_BDTv3.mob
Pts 1527 to 13072 Pk1 Loc:1504
Version 6.0 HiSQV Bases: 517

Inst Model/Name 3500/3500 Instrument
Jan 08,2020 10:31AM, JST
Jan 08,2020 11:00AM, JST
Spacing:11.59 Pts/Panel1350
Plate Name: 20200108_mix

