NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

Lot# : 7672_B2Cs

RIKEN_Clone_ID : ARe34C01

Vector : pKA1U5

Gene	FGF2	
RefSeq_mRNA	NM_002006.6	6801 bp

● Plasmid DNA purification

Date : 22.03.28

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

Date : 22.03.29

Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 22.03.29

DNA concentration (O.D.): 351 ng/ul

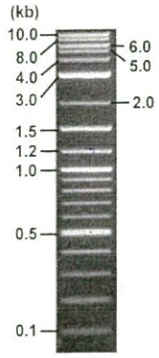
DNA	0.3 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.7 ul
Total	10 ul

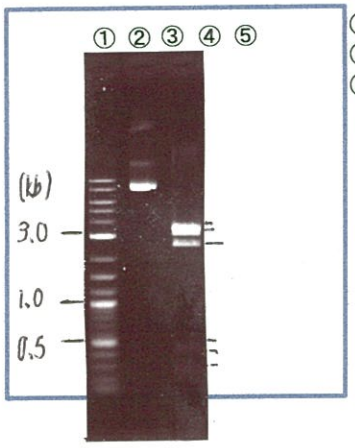
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 3.4, 2.6, 0.4, 0.3, 0.2 kb (unsure)

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





①:Marker
②:uncut
③:BamHI

● Confirmation of the insertion sequence

Date : 22.06.09

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 : 22.06.14

DNA (351 ng/ul)	68.0 ul
10x TE	95.4 ul
dH_2O	791.3 ul
Total	954.7 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY : 確認 22.6.09 [illegible]

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

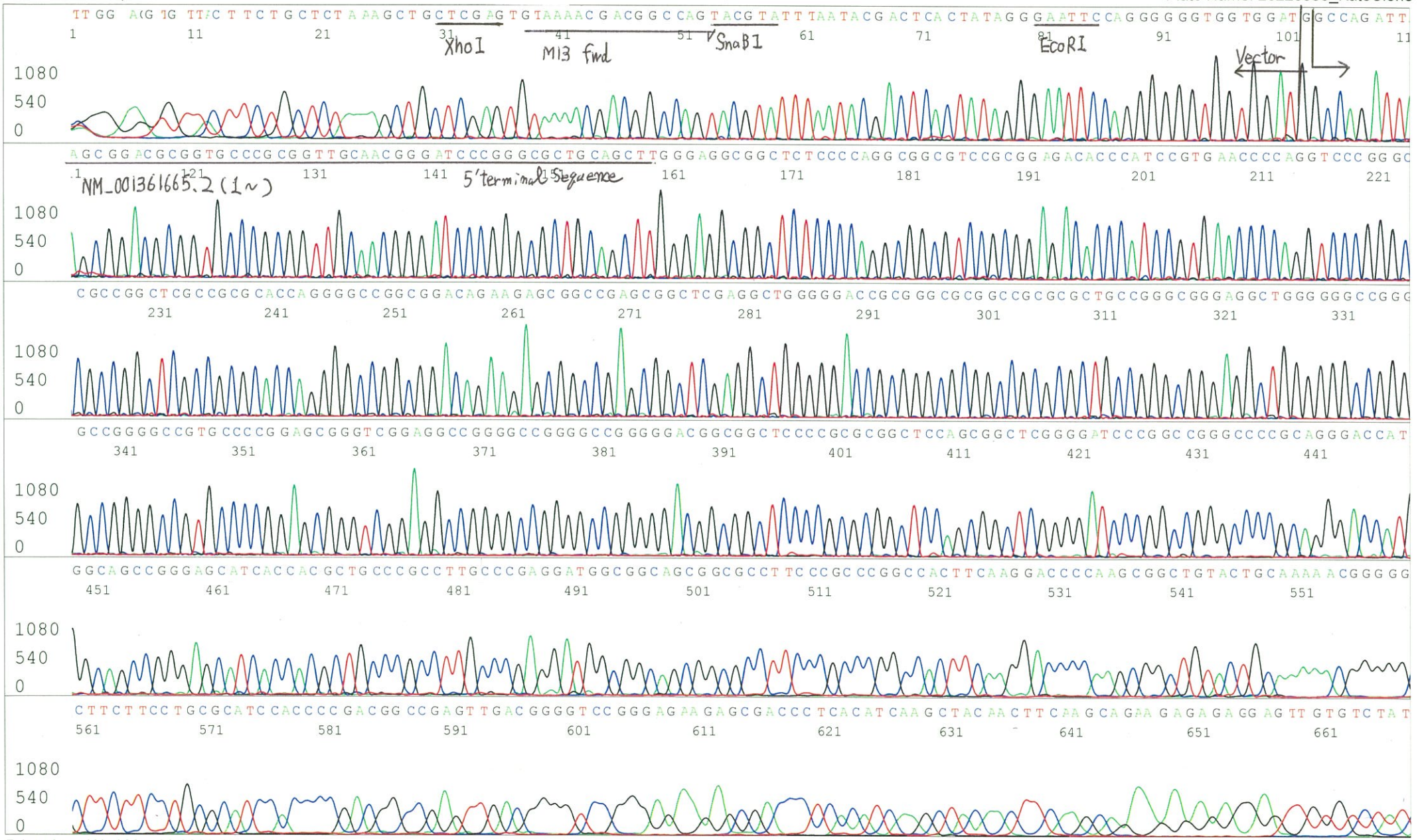
Applied Biosystems

S/N G:399 A:266 T:141 C:432
KB.bcp
KB 1.4.1.8 Cap:5

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

7672_ARe34C01_B2Cs_pGCAP_F_B02_05_ABI24
7672_ARe34C01_B2Cs_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1718 to 8708 Pk1 Loc:1686
Version 6.0 HiSQV Bases: 626

Inst Model/Name 3500/3500 Instrument
Mar 30,2022 09:44AM, JST
Mar 30,2022 09:59AM, JST
Spacing:10.9 Pts/Panel1350
Plate Name: 20220330_KatoClone



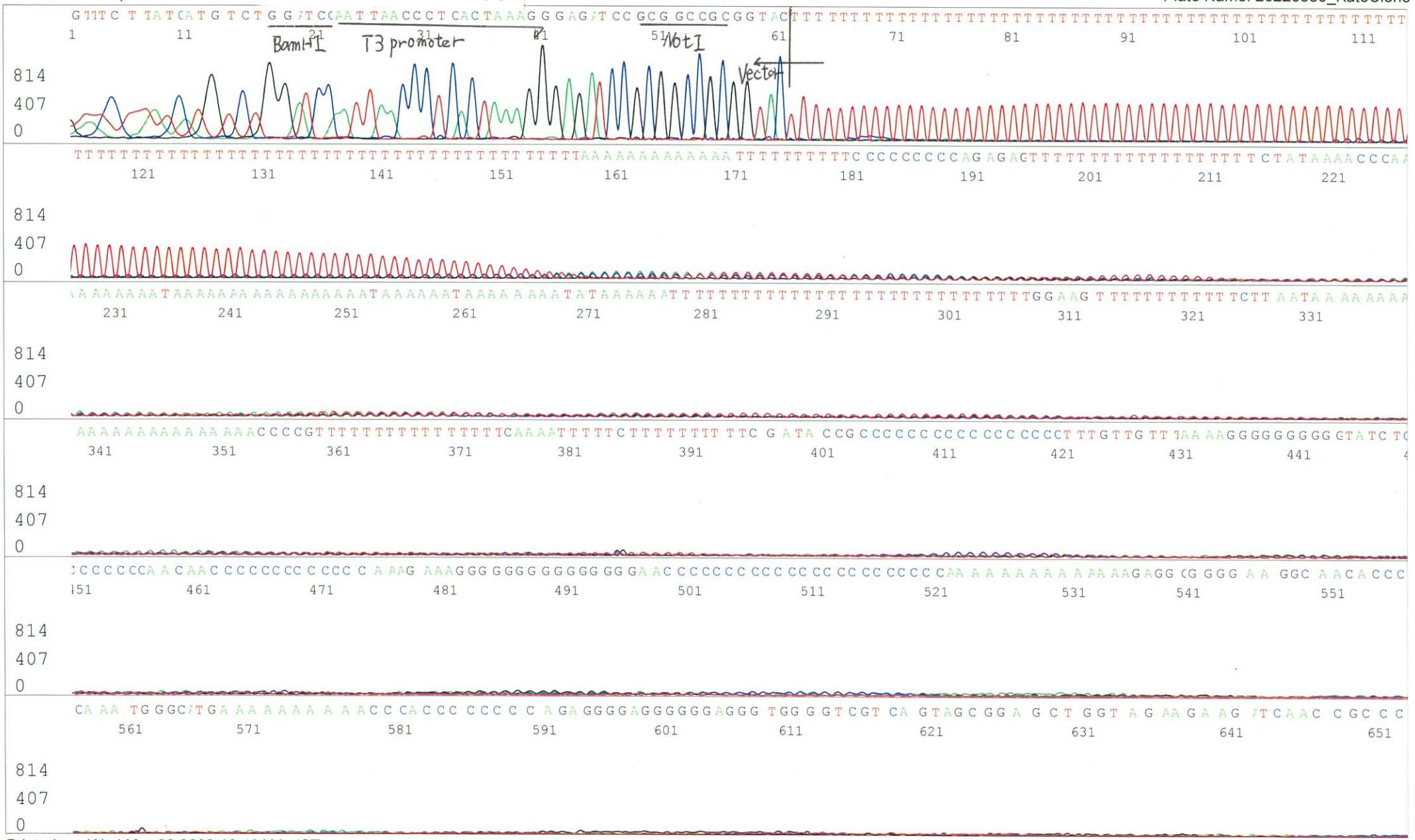
Applied Biosystems

S/N G:32 A:41 T:70 C:37
KB.bcp
KB 1.4.1.8 Cap:8

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7672_ARe34C01_B2Cs_pGCAP_R_C02_08_ABI24
7672_ARe34C01_B2Cs_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1732 to 8708 Pk1 Loc:1700
Version 6.0 HiSQV Bases: 126

Inst Model/Name 3500/3500 Instrument
Mar 30,2022 09:44AM, JST
Mar 30,2022 09:59AM, JST
Spacing:11.19 Pts/Panel1350
Plate Name: 20220330_KatoClone



Applied Biosystems

S/N G:97 A:166 T:77 C:79
KB.bcp
KB 1.4.1.8 Cap:11

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

7672_ARe34C01_B2Cs_GNP Mixture_D02_11_ABI24
7672_ARe34C01_B2Cs_GNP Mixture
KB_3500_POP7_BDTv3.mob
Pts 1713 to 8708 Pk1 Loc:1681
Version 6.0 HiSQV Bases: 661

Inst Model/Name 3500/3500 Instrument
Mar 30,2022 09:44AM, JST
Mar 30,2022 09:59AM, JST
Spacing:10.81 Pts/Panel1350
Plate Name: 20220330_KatoClone

