NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Center

Lot# : 6608_A8B9

RIKEN_Clone_ID : RBdS051E13

Vector : pGCAP10

Gene	C11orf80	
RefSeq_mRNA	NM_024650.3	2323 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

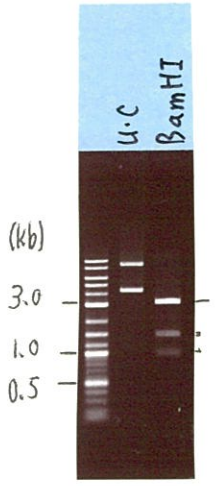
Date : 180215

DNA concentration (O.D.): 81 ng/ul

DNA	1 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7 ul
Total	10 ul

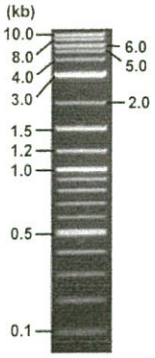
< Size of fragment expected from this clone >

BamHI 3.1kb (vector), 1.4, 1.1 kb (unsure)



Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● 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 : 180228

DNA (81 ng/ul)	80.0 ul
10x TE	25.9 ul
dH_2O	153.3 ul
Total	259.2 ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY : 確認 18.2.27 笹沼

Applied Biosystems

S/N G:139 A:114 T:109 C:161
KB.bcp
KB 1.4.1.8 Cap:12

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

6608_RBdS051E13_A8B9_pGCAP_F_D06_12_ABI24
6608_RBdS051E13_A8B9_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1693 to 8388 Pk1 Loc:1661
Version 6.0 HiSQV Bases: 707

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:10.18 Pts/Panel1350
Plate Name: 20180221_GNP



Applied Biosystems

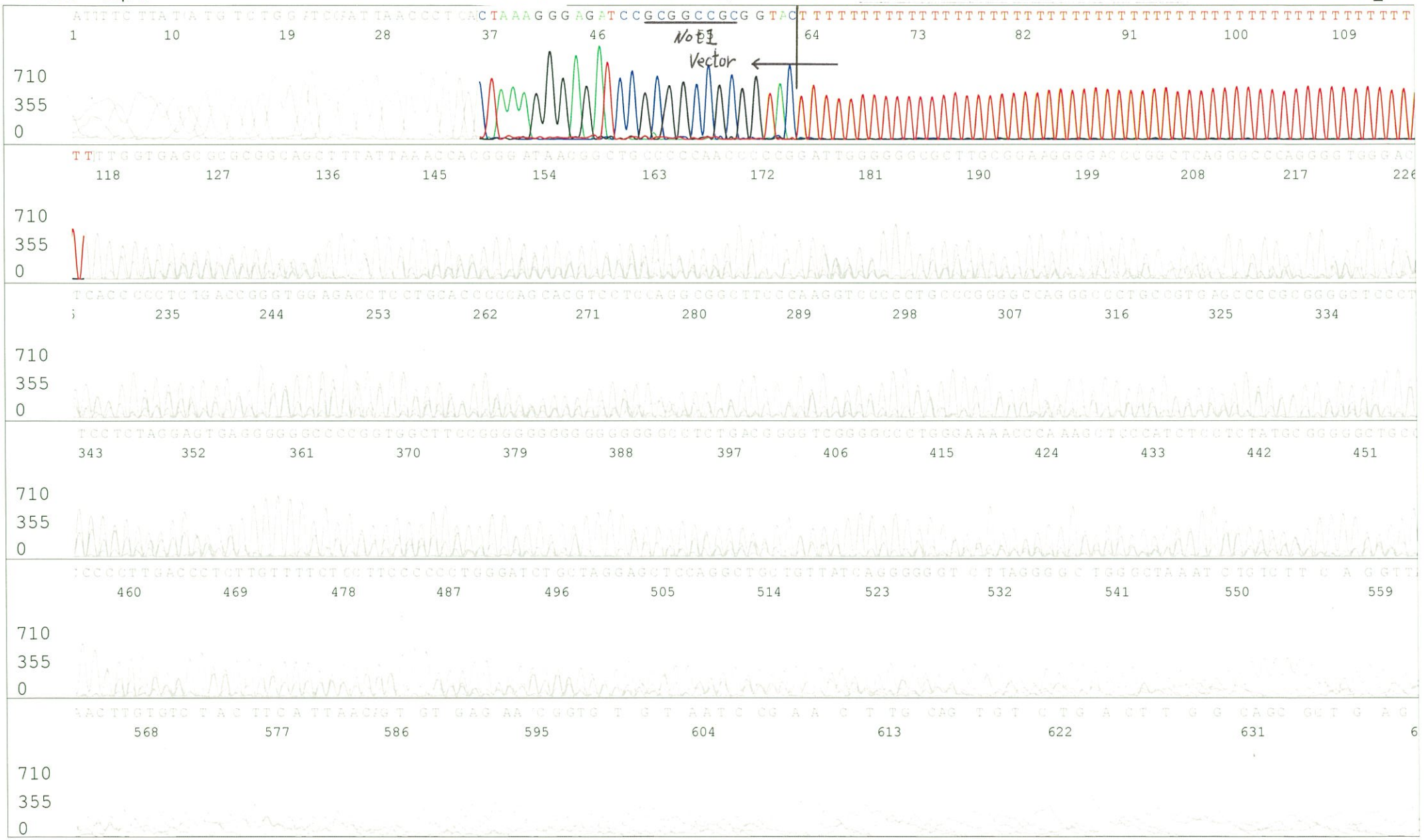
S/N G:29 A:27 T:39 C:64
KB.bcp
KB 1.4.1.8 Cap:15

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

6608_RBdS051E13_A8B9_pGCAP_R_E06_15_ABI24
6608_RBdS051E13_A8B9_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1698 to 8478 Pk1 Loc:1666
Version 6.0 HiSQV Bases: 161

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:10.24 Pts/Panel1350
Plate Name: 20180221_GNP



Applied Biosystems

S/N G:141 A:93 T:134 C:206
KB.bcp
KB 1.4.1.8 Cap:18

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

6608_RBdS051E13_A8B9_GNPmixture_F06_18_ABI24
6608_RBdS051E13_A8B9_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1689 to 8488 Pk1 Loc:1657
Version 6.0 HiSQV Bases: 711

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:10.26 Pts/Panel1350
Plate Name: 20180221_GNP

