NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Research Center

Lot# : 6608_A8Da

RIKEN Clone ID : RBdS015K14

Vector : pGCAP10

Gene	TIGD5	
RefSeq_mRNA	NM_032862.4	2412 bp

● Plasmid DNA purification

Date : 180410 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 180411 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 180411

DNA concentration (O.D.): 86 ng/ul

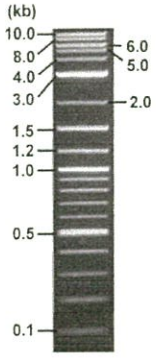
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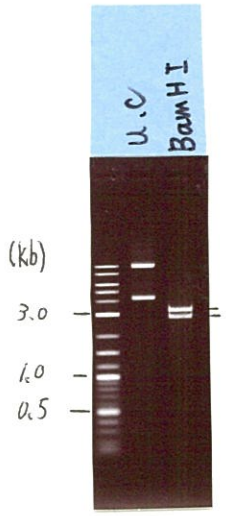
BamHI 3.1kb (vector), 2.6 kb (unsure)

DNA	1.1 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	6.9 ul
Total	10 ul

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





● Confirmation of the insertion sequence

Date : 180417

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 : 180418

DNA (86 ng/ul)	95.0	ul
10x TE	32.6	ul
dH_2O	199.2	ul
Total	326.8	ul

● Shipping

☑ Conc. : 25 ng/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :

確認 18.4.17 笹沼

Applied Biosystems

S/N G:60 A:65 T:49 C:169
KB.bcp
KB 1.4.1.8 Cap:6

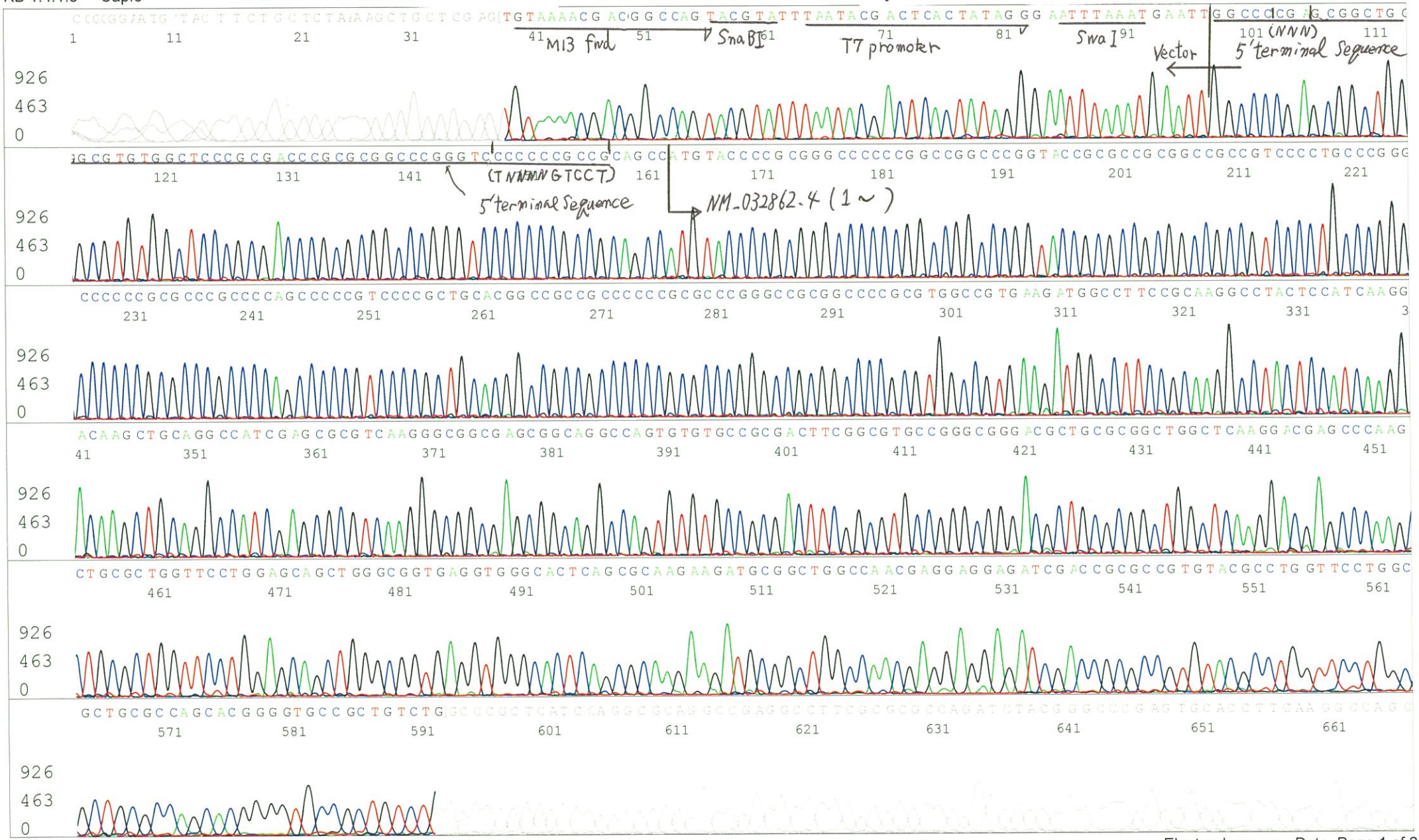
Primer A : pGCAP-F

5' CTCAGTGGATGTTGCCTTTAC 3'

RBdS015K14_A8Da_pGCAP_F_F01_06_ABI08
RBdS015K14_A8Da_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1847 to 8702 Pk1 Loc:1815
Version 6.0 HiSQV Bases: 696

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Apr 13,2018 10:01AM, JST
Apr 13,2018 10:16AM, JST
Spacing:10.27 Pts/Panel1350
Plate Name: 20180413_GNP



Applied Biosystems

S/N G:27 A:26 T:37 C:37
KB.bcp
KB 1.4.1.8 Cap:7

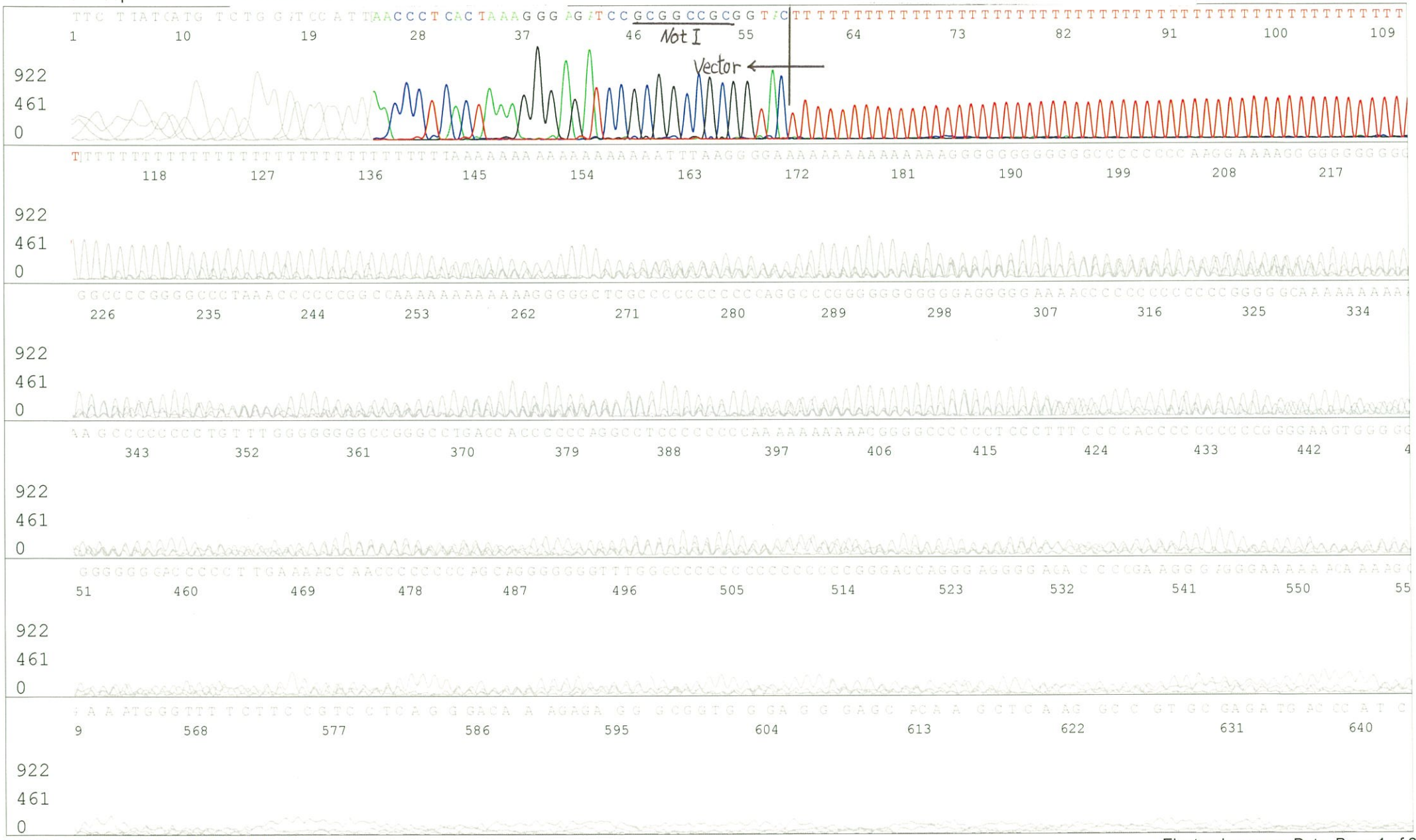
Primer B : pGCAP-R

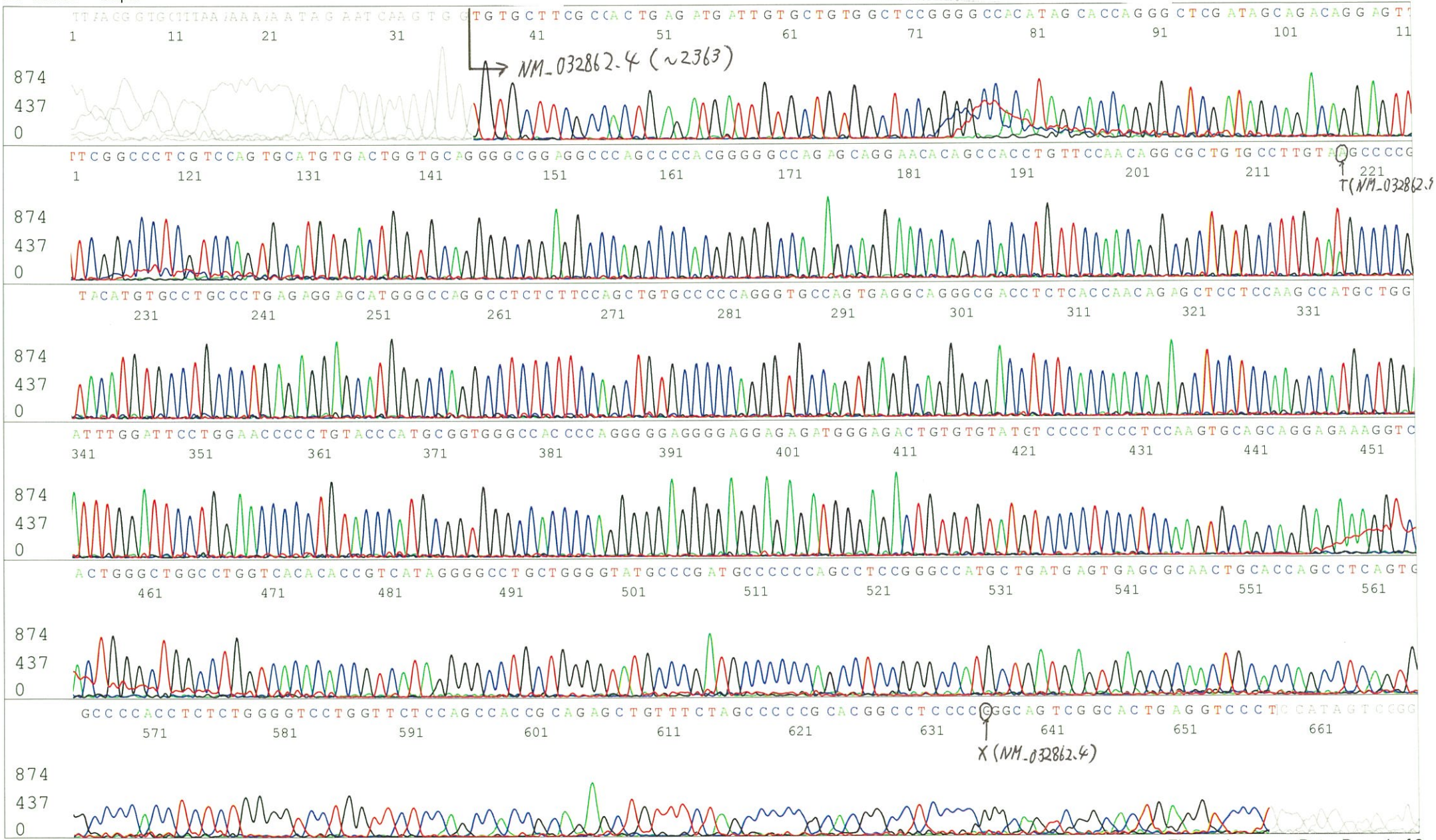
5' GCATTCTAGTTGTGGTTTGTCC 3'

RBdS015K14_A8Da_pGCAP_R_G01_07_ABI08
RBdS015K14_A8Da_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1855 to 8702 Pk1 Loc:1823
Version 6.0 HiSQV Bases: 178

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Apr 13,2018 10:01AM, JST
Apr 13,2018 10:16AM, JST
Spacing:10.44 Pts/Panel1350
Plate Name: 20180413_GNP




NM_032862.4 (~2363)
T (NM_032862.4)
X (NM_032862.4)