NRCD Human Full-Length cDNA Clone

Gene Engineering Division
RIKEN BioResource Center

RIKEN_Clone_ID : ARe80A07

Lot# : 7672_A3Id

Vector : pKA1U5

Gene	MYD88		
RefSeq_mRNA	NM_002468.4	2862 bp	1..2862
	CDS	930 bp	185..1114
	5'-terminal sequence	2669 bp	194..2862

● Plasmid DNA purification

Date : 130918 Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C O/N

Date : 130919 Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 130919

DNA concentration (O.D.): 239 ng/ul

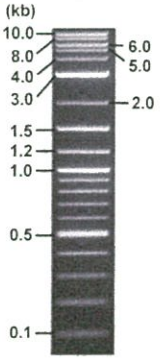
<Size of fragment expected from ARe80A07 >

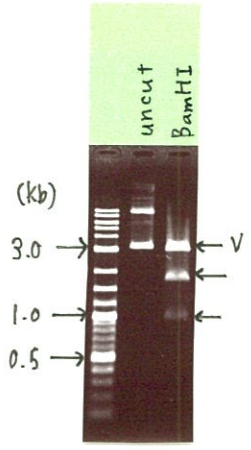
BamHI 3183(vector), 1884, 999 bp (unsure)

DNA	0.2 ul
Enzyme (BamHI)	1 ul
Buffer H	1 ul
dH_2O	7.8 ul
Total	10 ul

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





● Confirmation of the insertion sequence

Date : 130920

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

● Adjustment of DNA concentration

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/ul

Date : 130924

DNA (239 ng/ul)	82.0 ul
10x TE	78.4 ul
dH_2O	623.5 ul
Total	783.9 ul

APPROVED BY : 確認 13.9.24 笹沼

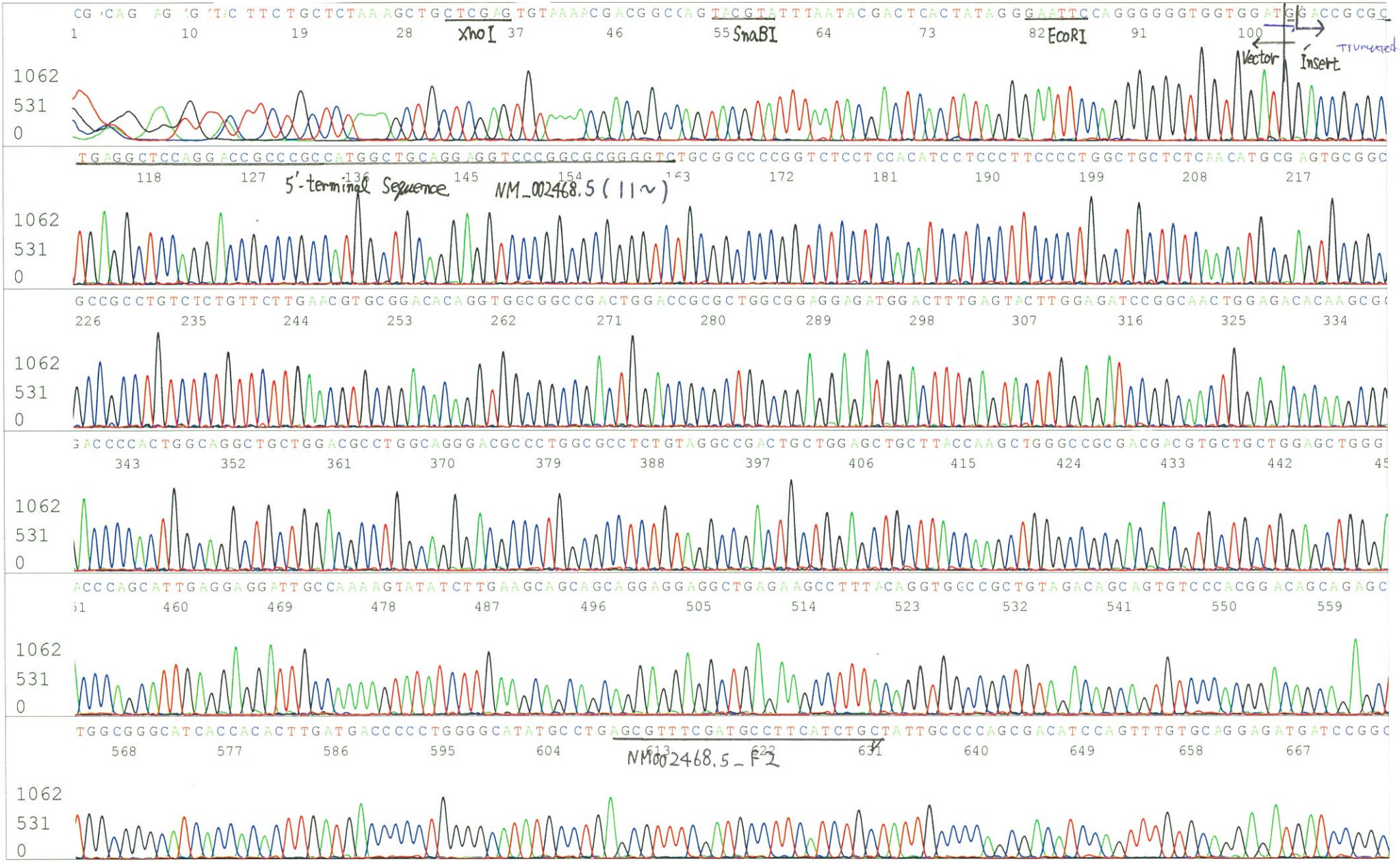
Applied Biosystems

S/N G:424 A:266 T:216 C:26
KB.bcp
KB 1.4.1.8 Cap:17

Primer A : pGCAP-F
5' CTCAGTGGATGTTGCCTTTAC 3'

7672_ARe80A07_A3Id_pGCAP_F_F05_17
7672_ARe80A07_A3Id_pGCAP_F
KB_3500_POP7_BDTv3.mob
Pts 1411 to 13207 Pk1 Loc:1388
Version 5.4 HiSQV Bases: 1006

Inst Model/Name 3500/3500 Instrument
Sep 20,2013 10:58AM, JST
Sep 20,2013 11:24AM, JST
Spacing:11.64 Pts/Panel1350
Plate Name: 20130920_mix



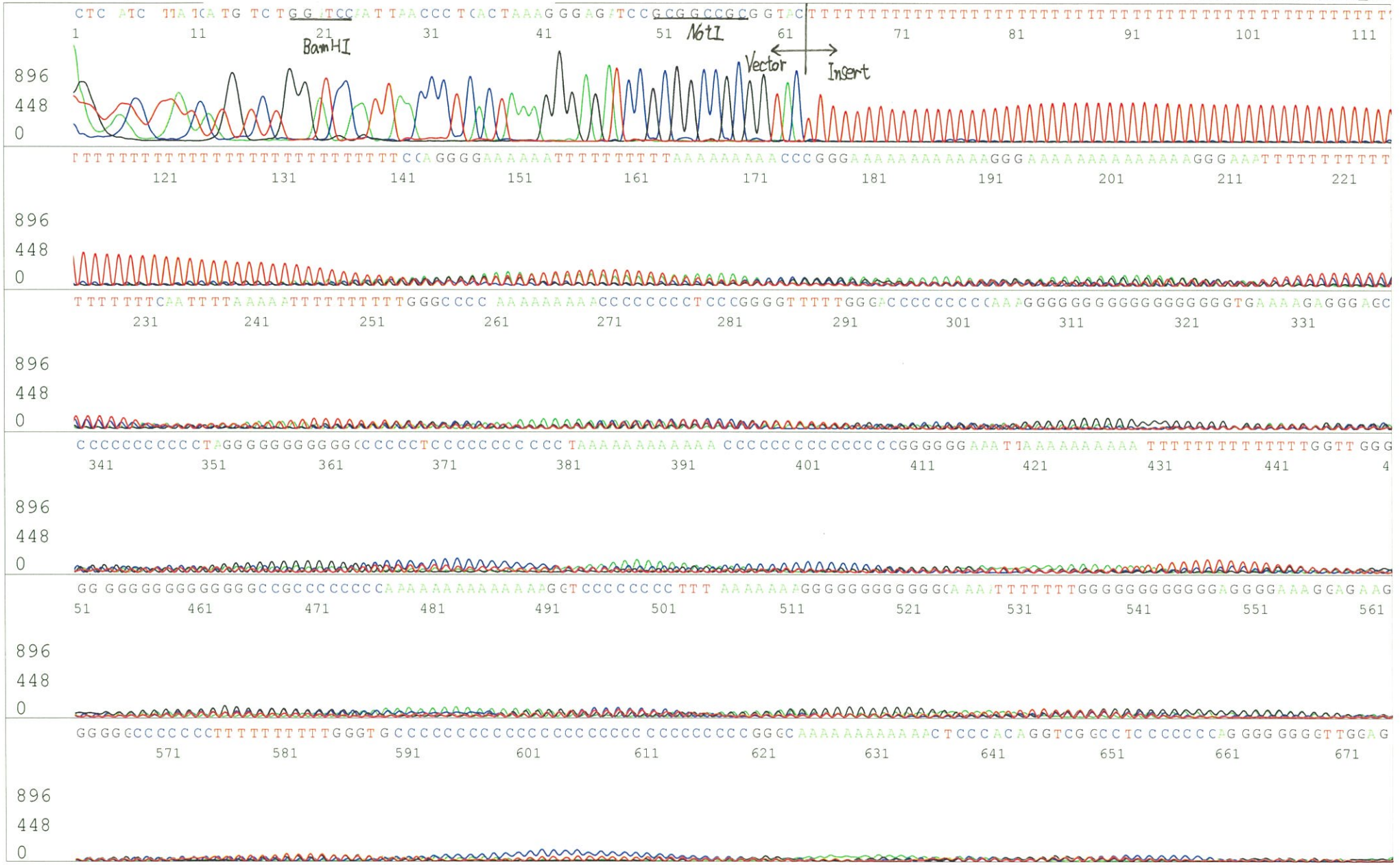
Applied Biosystems

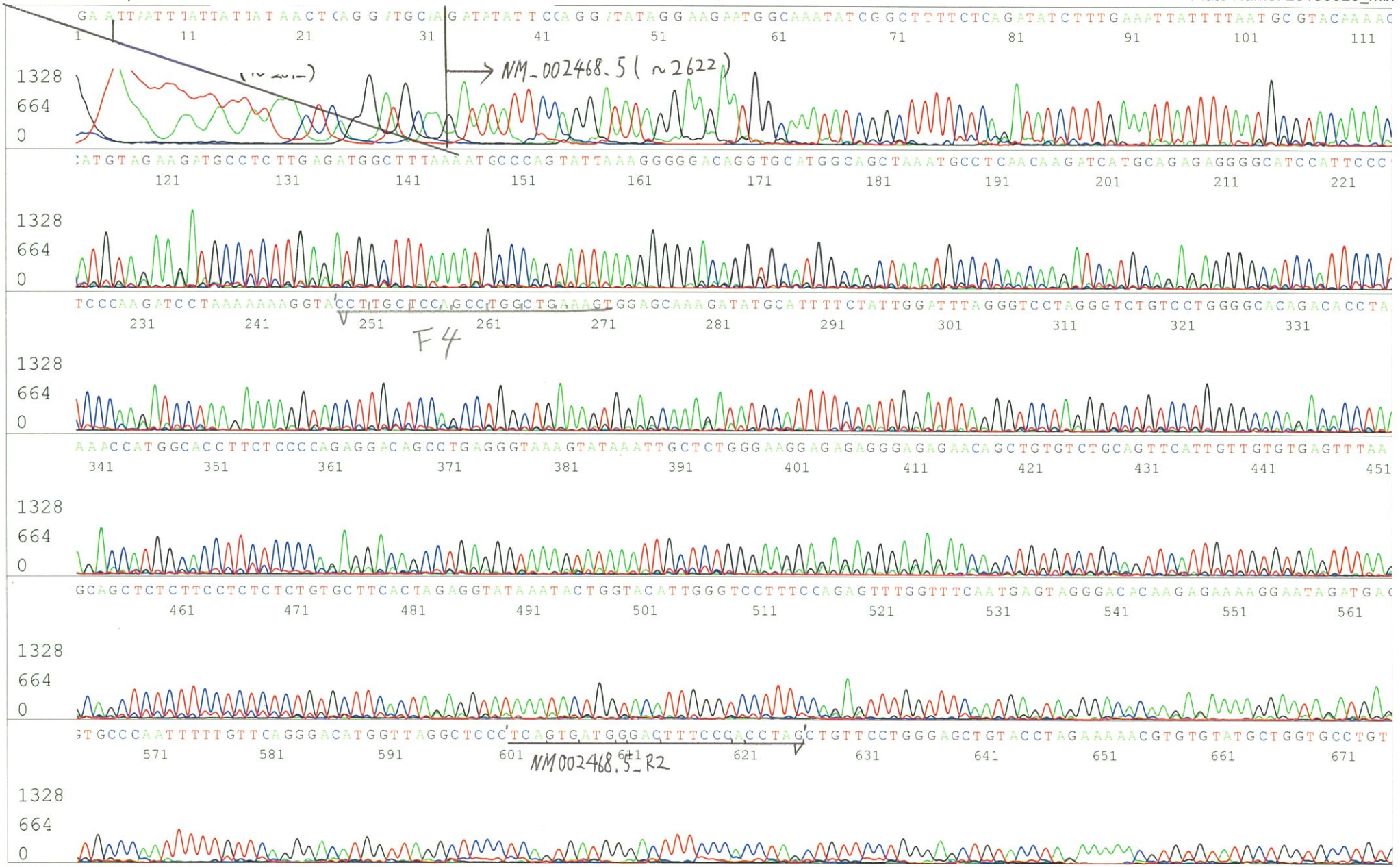
S/N G:66 A:61 T:79 C:48
KB.bcp
KB 1.4.1.8 Cap:20

Primer B : pGCAP-R
5' GCATTCTAGTTGTGGTTTGTCC 3'

7672_ARe80A07_A3Id_pGCAP_R_G05_20
7672_ARe80A07_A3Id_pGCAP_R
KB_3500_POP7_BDTv3.mob
Pts 1404 to 13426 Pk1 Loc:1381
Version 5.4 HiSQV Bases: 189

Inst Model/Name 3500/3500 Instrument
Sep 20,2013 10:58AM, JST
Sep 20,2013 11:24AM, JST
Spacing:11.83 Pts/Panel1350
Plate Name: 20130920_mix




NM_002468.5 (~2622)
F4
NM002468.5_R2