

**RIKEN Clone ID : ARe26E07**

Vector : pKA1U5

Gene	RTN4	
RefSeq_mRNA	NM_020532.4	4871 bp
	<i>GDS</i>	3579 bp
		299,3877
	5' position	46

● Plasmid DNA purification

Date : 140717

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

Date : 140718

Purification : QIAGEN Miniprep kit → dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 140718

DNA concentration (O.D.): 102 ng/ul

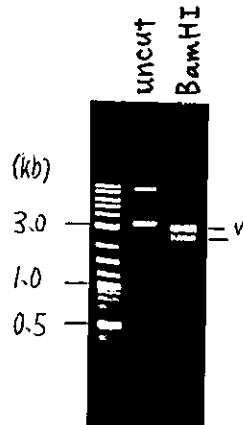
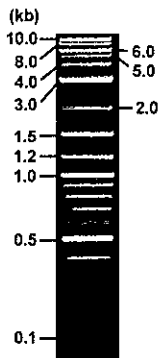
<Size of fragment expected from ARe26E07 >

DNA	0.4	ul
Enzyme (BamHI)	1	ul
Buffer H	1	ul
dH <sub>2</sub> O	7.6	ul
<b>Total</b>	<b>10</b>	<b>ul</b>

BamHI 3183(vector), 5040 bp (unsure)

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

● Adjust plasmid DNA solution to 25 ng/ul

Date : 140726

Date : 140814

Primer A	pGCAP-F
Primer B	pGCAP-R
Primer C	Poly(A) region
List of Sequencing Primers	<a href="http://dna.brc.riken.jp/en/NRCDhum2en.html">http://dna.brc.riken.jp/en/NRCDhum2en.html</a>

DNA ( <u>102</u> ng/ul)	<u>82.0</u>	ul
10x TE	<u>33.5</u>	ul
dH <sub>2</sub> O	<u>219.1</u>	ul
<b>Total</b>	<b>334.6</b>	<b>ul</b>

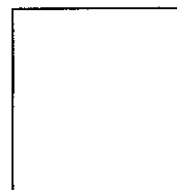
● Shipping



Conc. : 25 ng/μl, Volume : 40 μl

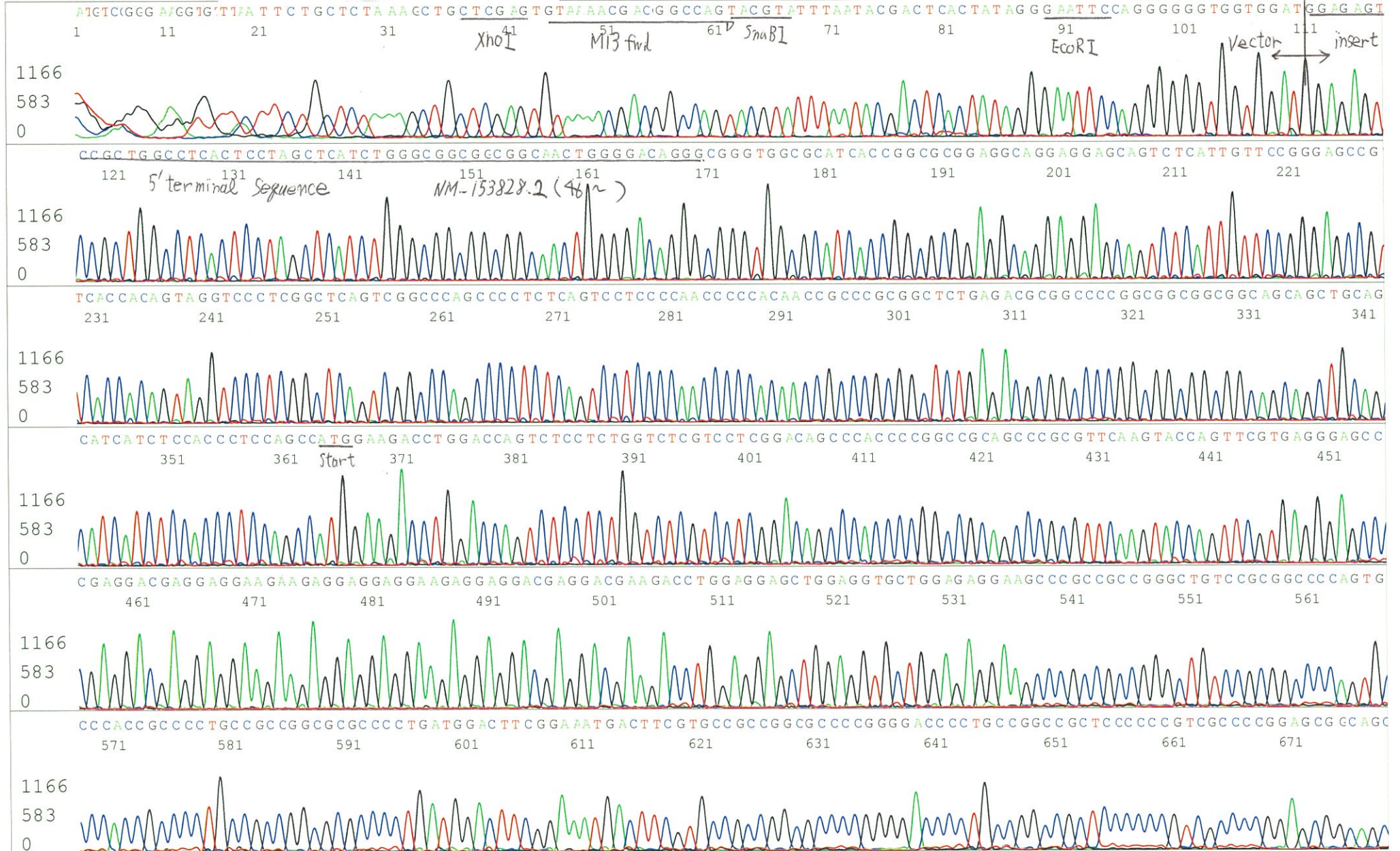


APPROVED BY :



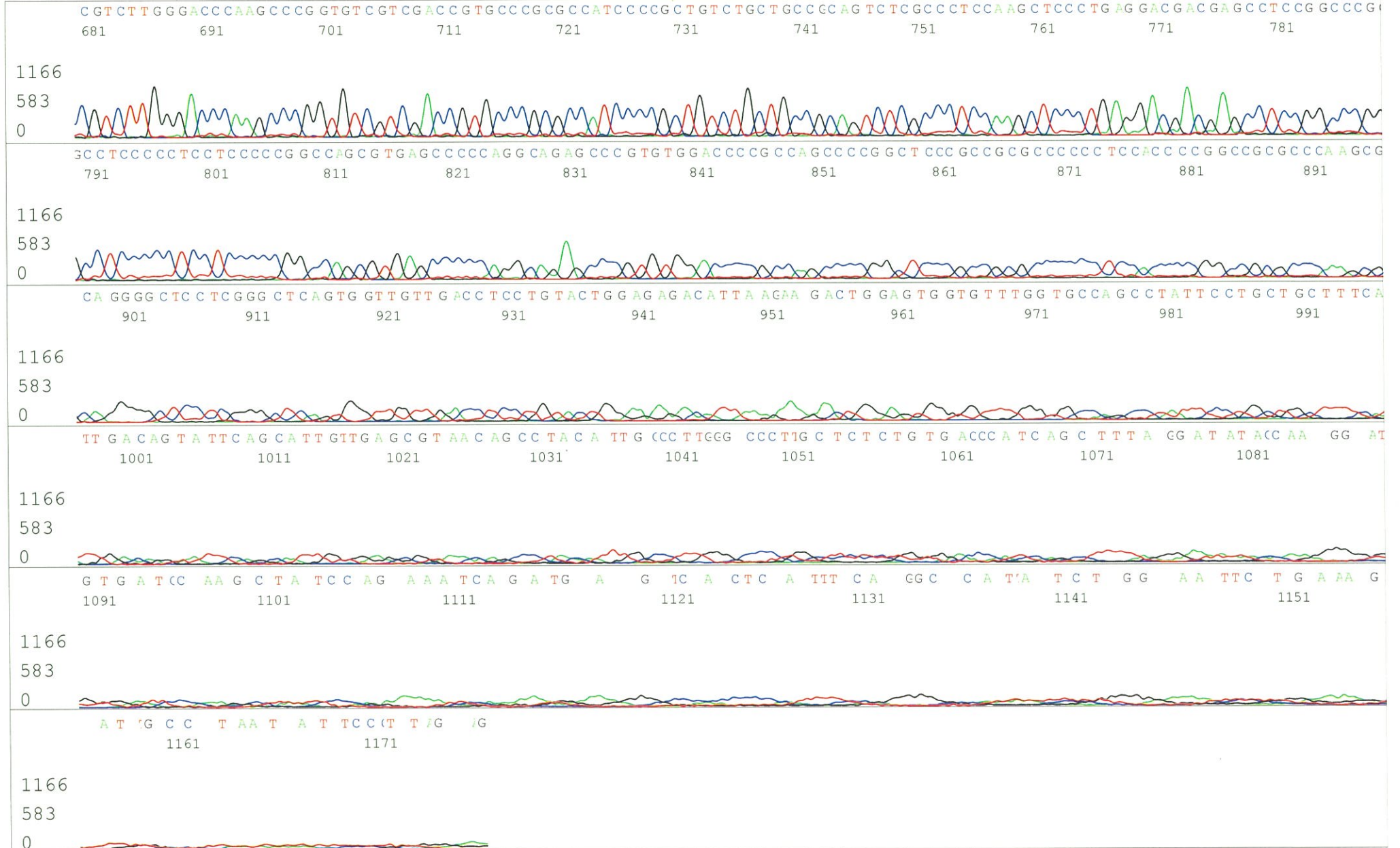
S/N G:71 A:77 T:44 C:84  
KB.bcp  
KB 1.4.1.8 Cap:7

Primer A : pGCAP-F  
5' CTCAGTGGATGTTGCCTTTAC 3'





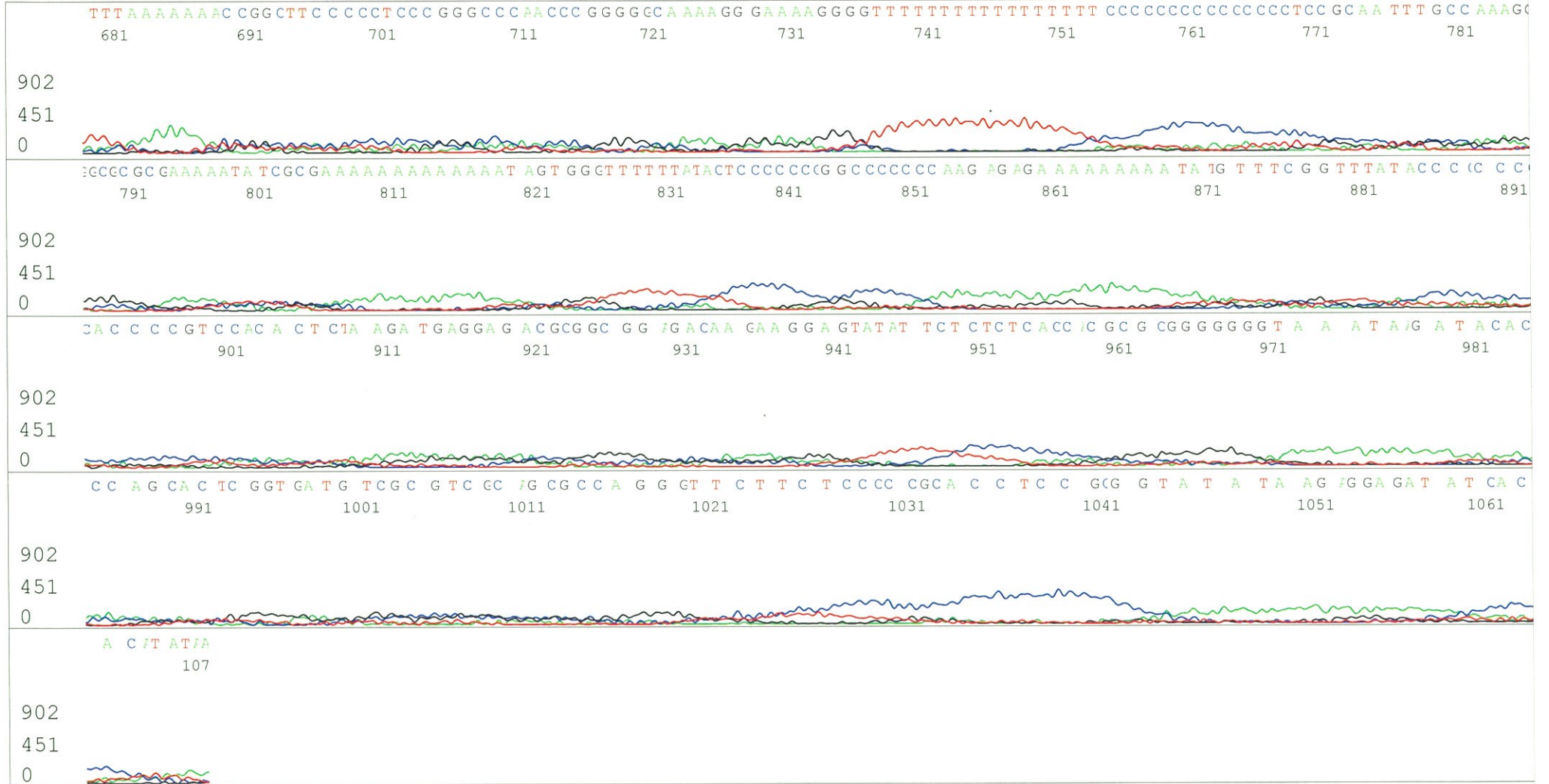
S/N G:71 A:77 T:44 C:84  
KB.bcp  
KB 1.4.1.8 Cap:7

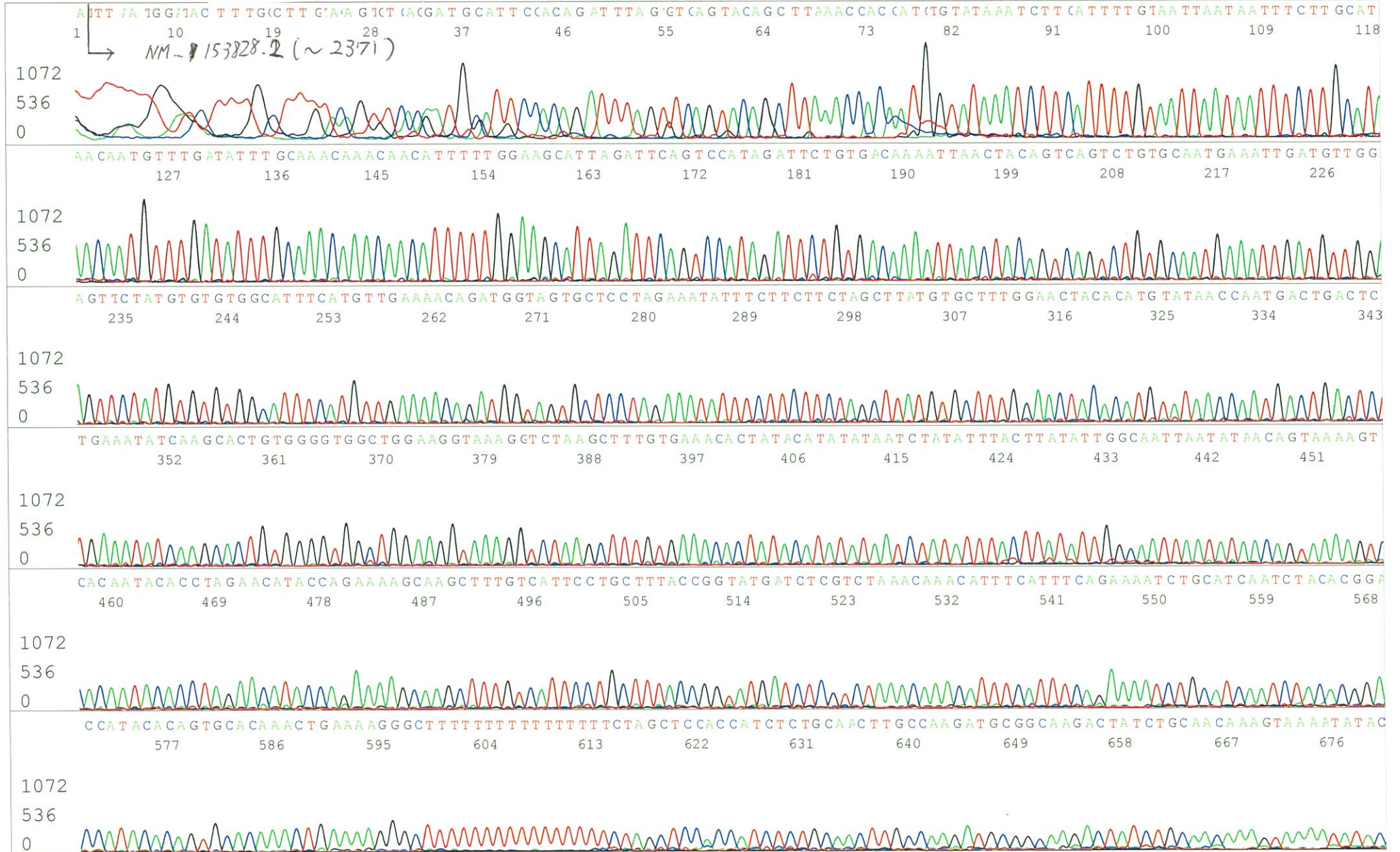






S/N G:21 A:27 T:32 C:19  
KB.bcp  
KB 1.4.1.8 Cap:8







S/N G:41 A:73 T:43 C:46  
KB.bcp  
KB 1.4.1.8 Cap:1

