

**RIKEN Clone ID : IRAL033M19**

Lot#: 7566\_A3Gb

Vector : pOTB7

Gene	PSCA	
Accession No.	BC023582.2	1015 bp
	<i>CDS</i>	372 bp
		1..1015
		7..378

● Plasmid DNA purification

Date : 130711

Culture : LB (25 ug/ml Chloramphenicol) 10 ml -> at 37 deg C over night

Date : 130716

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

● Digestion by restriction enzyme/Concentration calibration

Date : 130716

DNA concentration (O.D.): 244 ng/ul

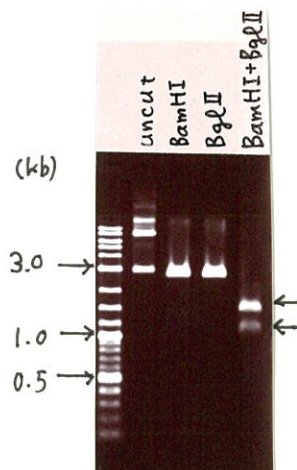
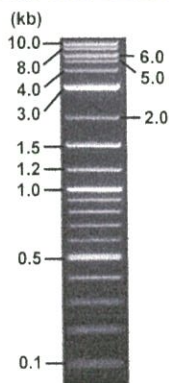
< Size of fragment expected from IRAL033M19 >

DNA	0.2 ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	7.8 ul
Total	10 ul

BamHI	2816 bp
BglII	2816 bp
BamHI + BglII	1615bp (Vector)      1201 bp

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 130717

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C : Poly(A) region primer #0	
List of Sequencing Primers	<a href="http://dna.brc.riken.jp/en/GNPclone3en.html">http://dna.brc.riken.jp/en/GNPclone3en.html</a>

● Adjustment of DNA concentration

Shipping amount : 40 ul

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

Date : 130718

DNA ( <u>244</u> ng/ul)	82.0	ul
10x TE	80.0	ul
dH <sub>2</sub> O	638.3	ul
Total	800.3	ul

APPROVED BY :

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



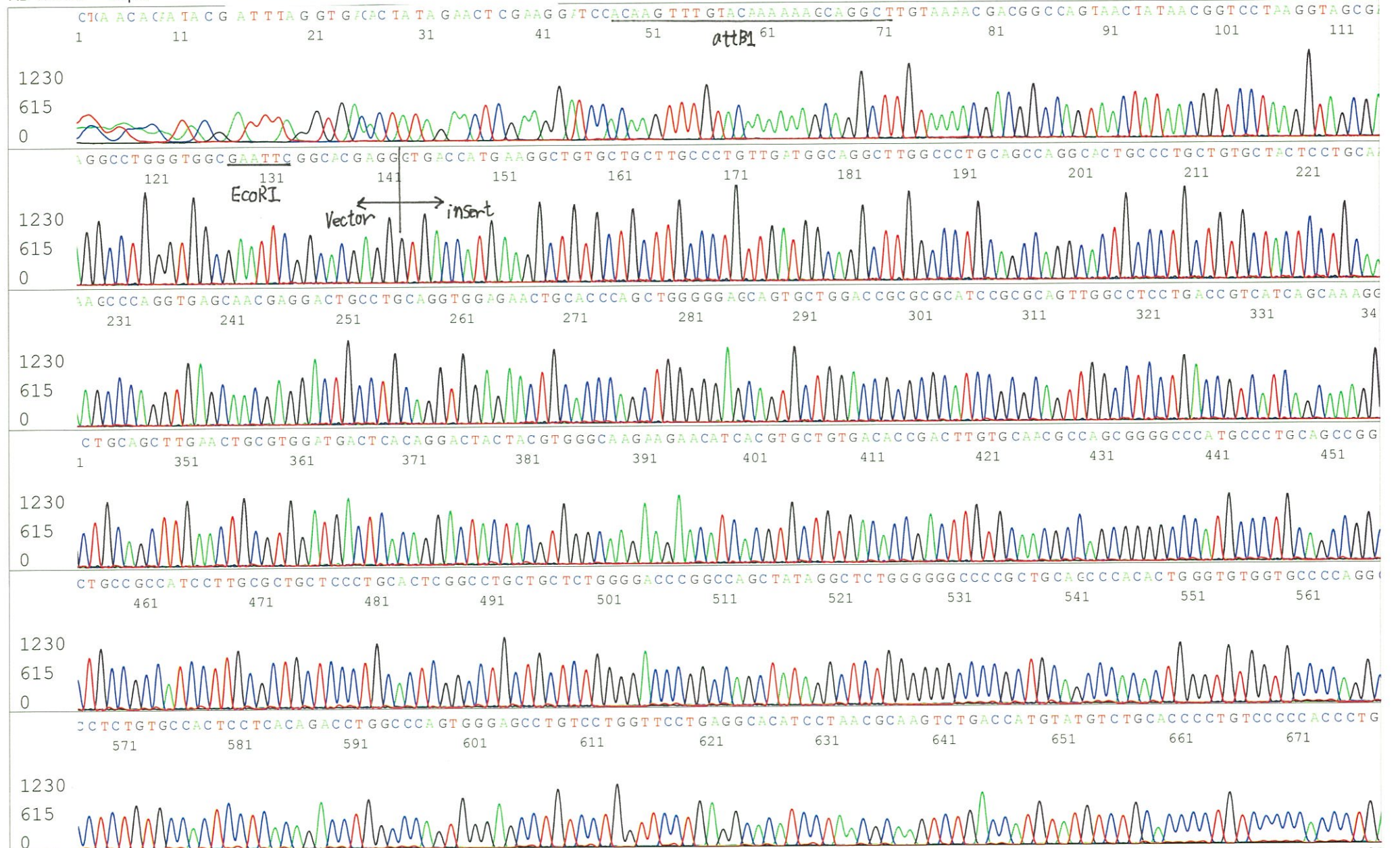
S/N G:762 A:472 T:374 C:625

Primer A: pOTB7-F

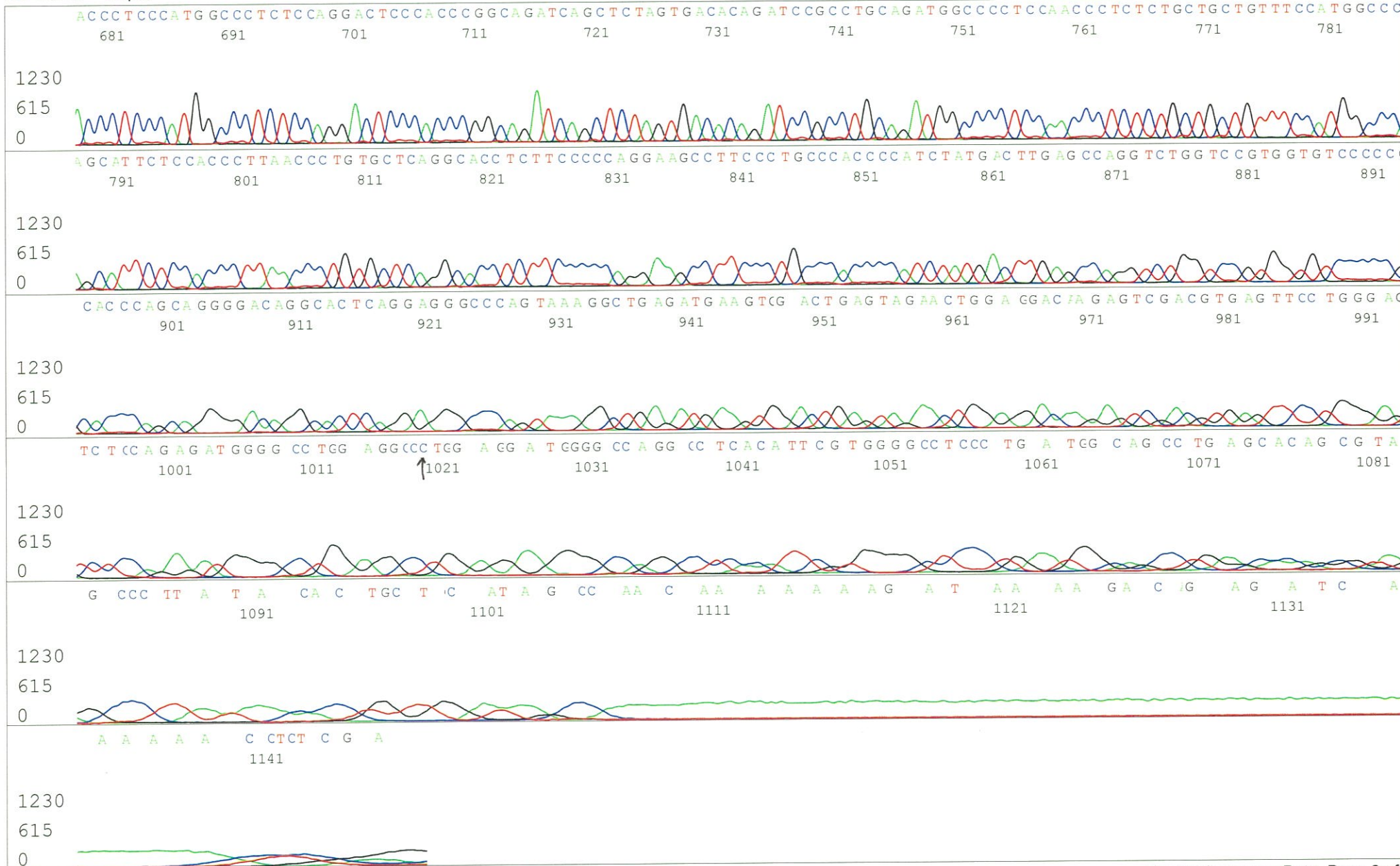
KB.bcp

KB 1.4.1.8 Cap:8

5' AACGCGGCTACAATTAATACATAACC 3'

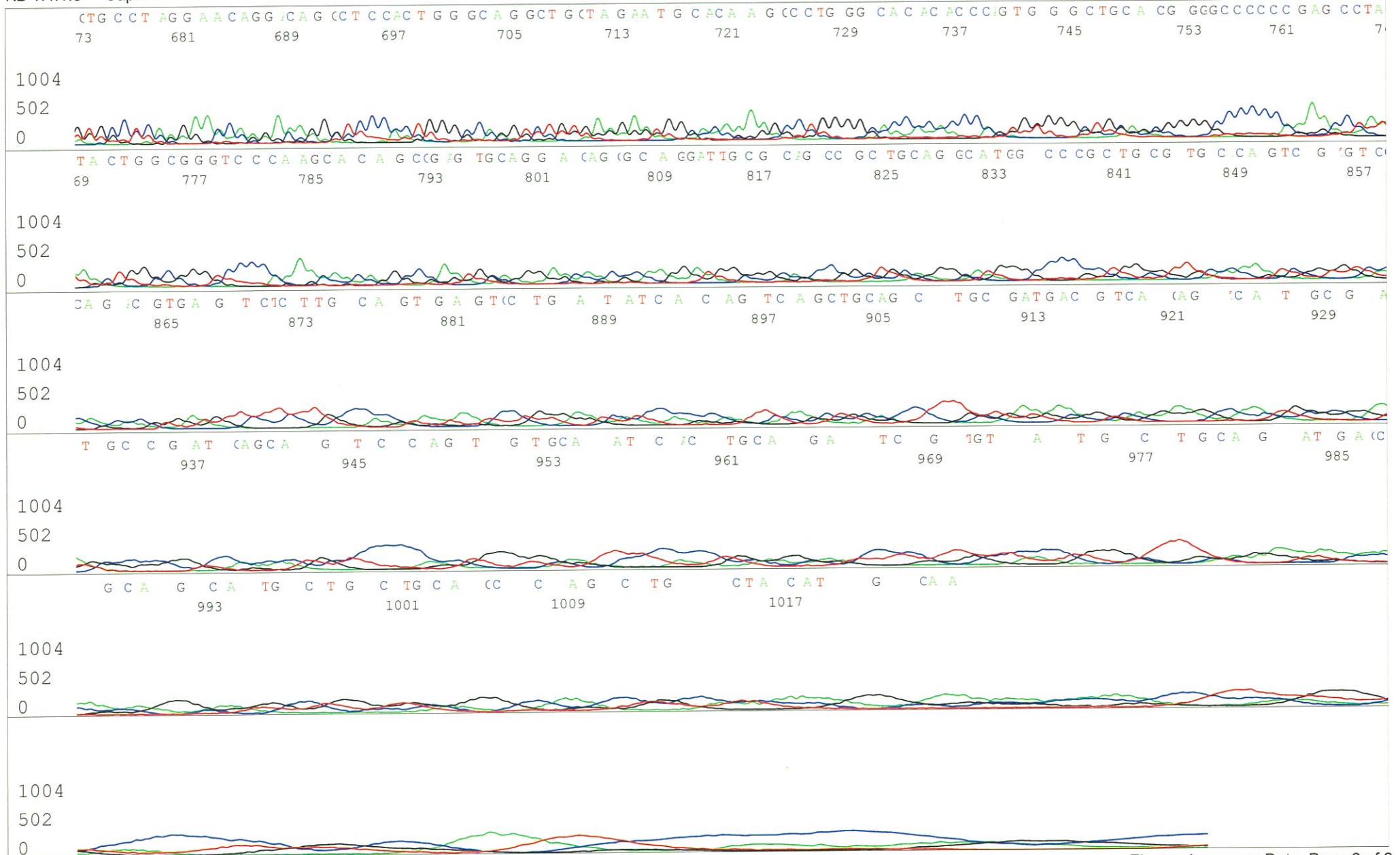


S/N G:762 A:472 T:374 C:625  
KB.bcp  
KB 1.4.1.8 Cap:8





S/N G:250 A:147 T:168 C:183  
KB.bcp  
KB 1.4.1.8 Cap:11





S/N G:209 A:124 T:86 C:124  
KB.bcp  
KB 1.4.1.8 Cap:14

