

**RIKEN Clone ID : M01C022H09**

Vector : pDONR221

Gene	GLS	
Accession No.	BC038507.1	4555 bp
	<i>CDS</i>	2010 bp
		1..4555
		241..2250

● Plasmid DNA purification

Date : 13 11 25

Culture : LB (25 ug/ml Kanamycin) 5 ml -> at 37 deg C over night

Date : 13 11 27

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

● Digestion by restriction enzyme/Concentration calibration

Date : 13 11 27

DNA concentration (O.D.): 123 ng/ul

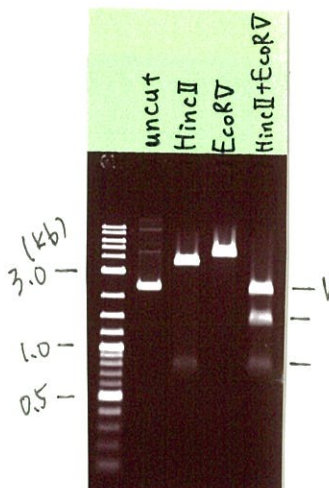
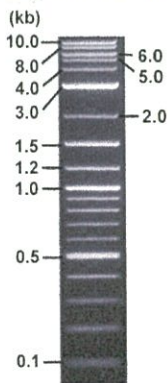
<Size of fragment expected from BC038507.1 >

DNA	0.4	ul
Enzyme (HincII + EcoRV)	0.5 + 0.5	ul
Buffer H	1	ul
dH <sub>2</sub> O	7.6	ul
Total	10	ul

HincII	3750, 807 bp
EcoRV	4557 bp
HincII + EcoRV	2263bp (Vector) 1487, 807 bp

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 13 11 29

Primer A	M13
Primer B	T7 long
Primer C	-
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 : 13 12 02

DNA ( <u>123</u> ng/ul)	82.0	ul
10x TE	40.3	ul
dH <sub>2</sub> O	281.1	ul
Total	403.4	ul



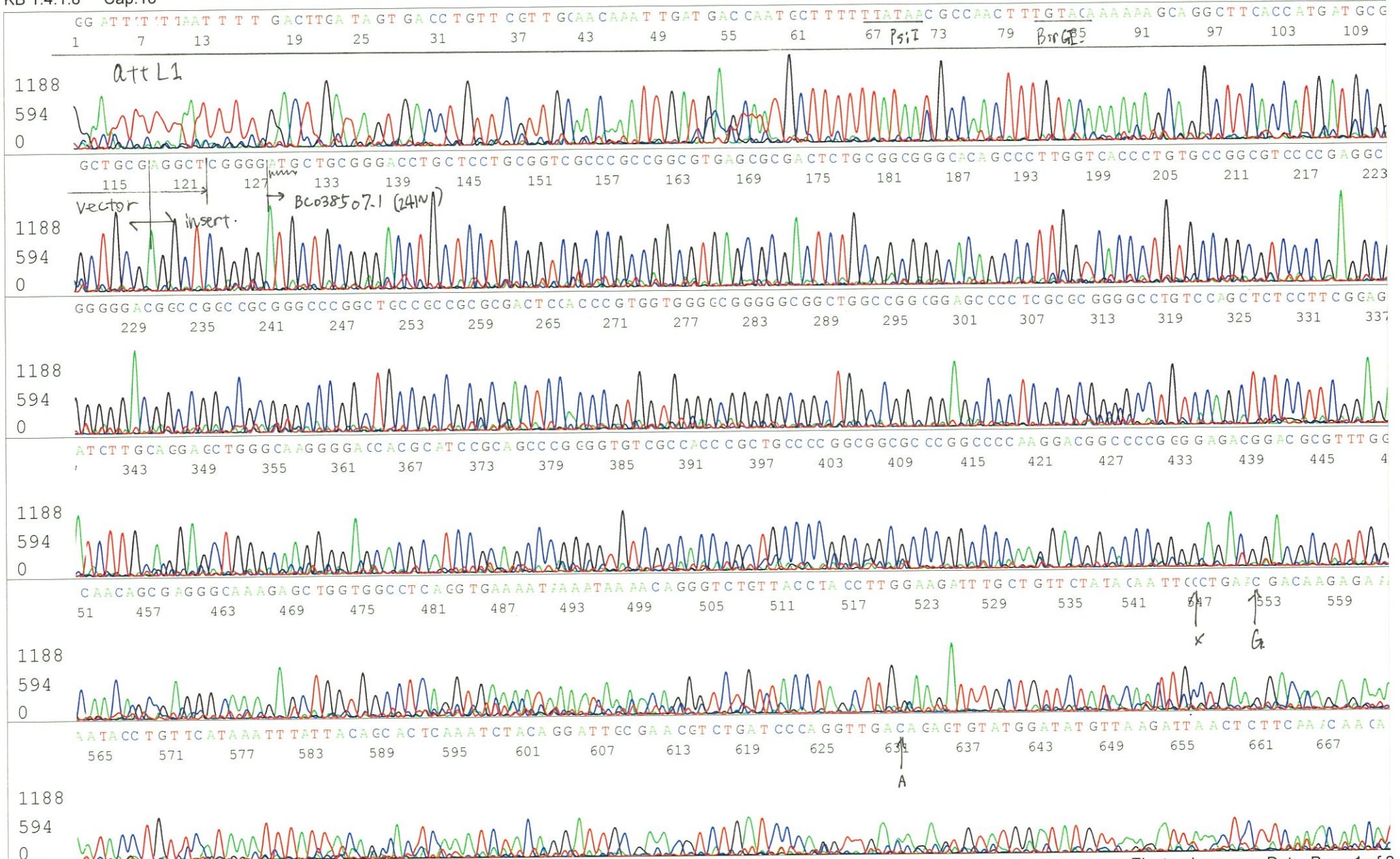
APPROVED BY :

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

S/N G:9 A:6 T:5 C:6  
KB.bcp  
KB 1.4.1.8 Cap:18

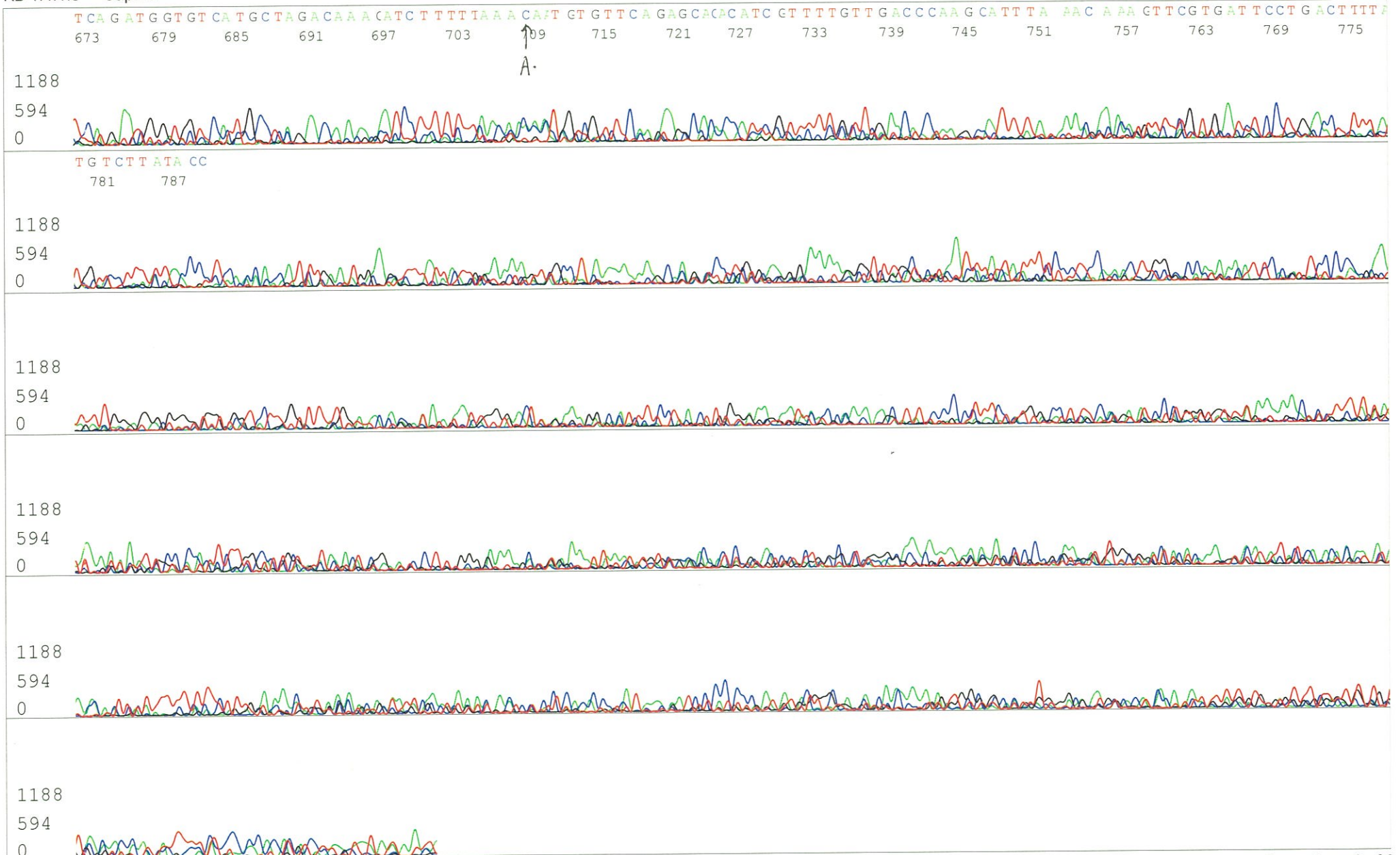
Primer A : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'

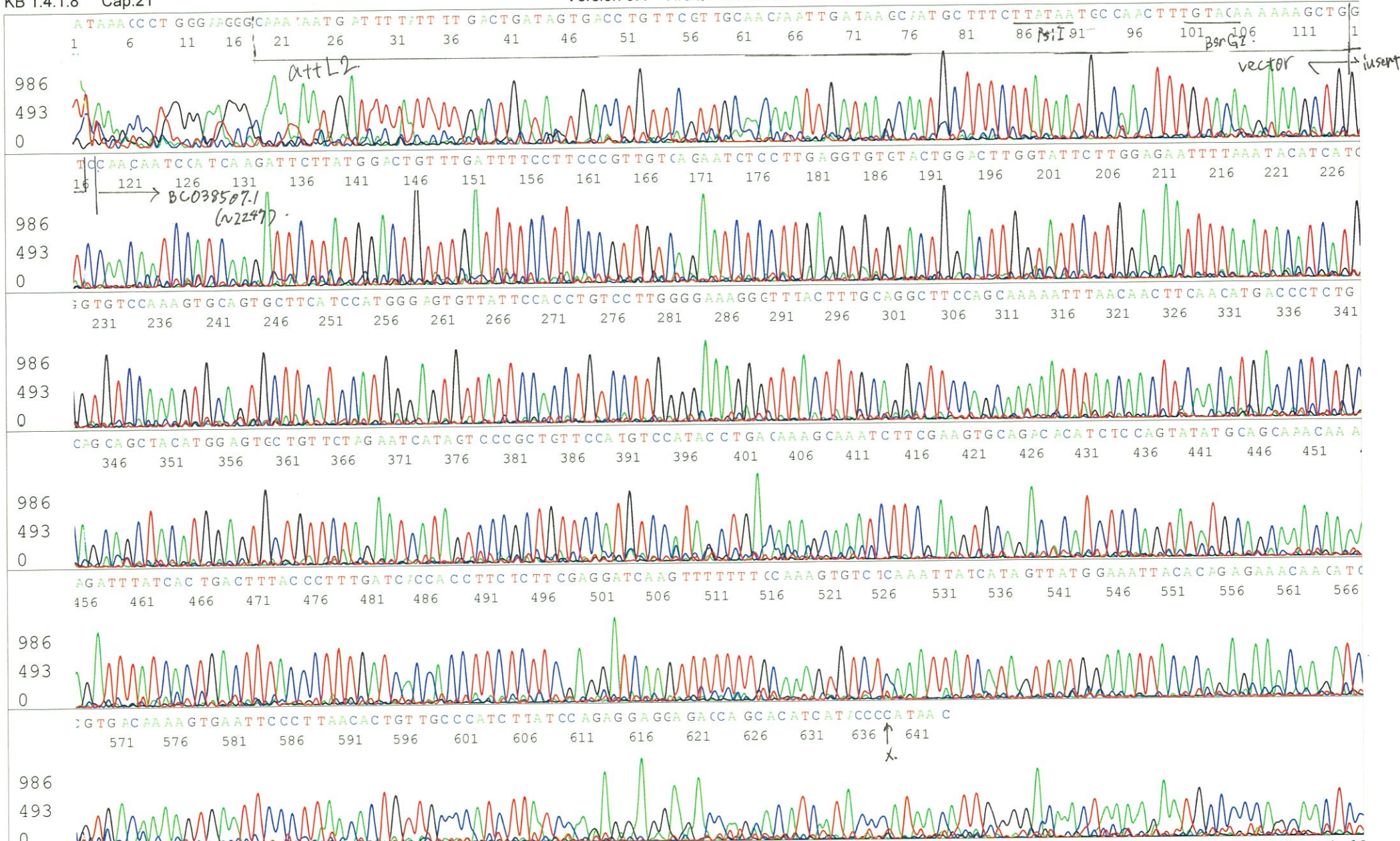




S/N G:9 A:6 T:5 C:6  
KB.bcp  
KB 1.4.1.8 Cap:18









S/N G:9 A:7 T:7 C:6  
KB.bcp  
KB 1.4.1.8 Cap:21

