

RIKEN Clone ID : W01A054P19

Vector : pENTR-TOPO

Gene	GNAQ	
Accession No.	BC057777.1	2188 bp
	<i>CDS</i>	1080 bp
		1..2188
		42..1121

● Plasmid DNA purification

Date : 141127

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

Date : 141128

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 141128

DNA concentration (O.D.): 93 ng/ul

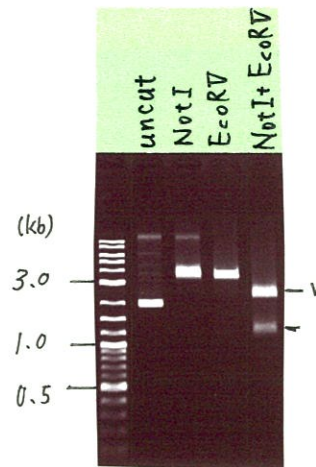
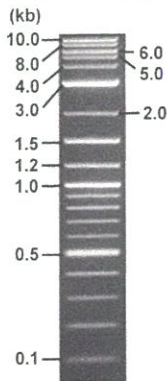
<Size of fragment expected from BC057777.1 >

DNA	0.5	ul
Enzyme (NotI + EcoRV)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.5	ul
Total	10	ul

NotI	3852 bp
EcoRV	3852 bp
NotI + EcoRV	2553bp (Vector) 1299 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 141202

● Confirmation of the insertion sequence

Date : 141202

DNA (<u>93</u> ng/ul)	<u>86.0</u> ul
10x TE	<u>32.0</u> ul
dH ₂ O	<u>201.9</u> ul
Total	<u>319.9</u> ul

Primer A	M13
Primer B	T7 long
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

Conc. : 25 ng/ul, Volume : 40 ul

Conc. : ng/ul, Volume : ul

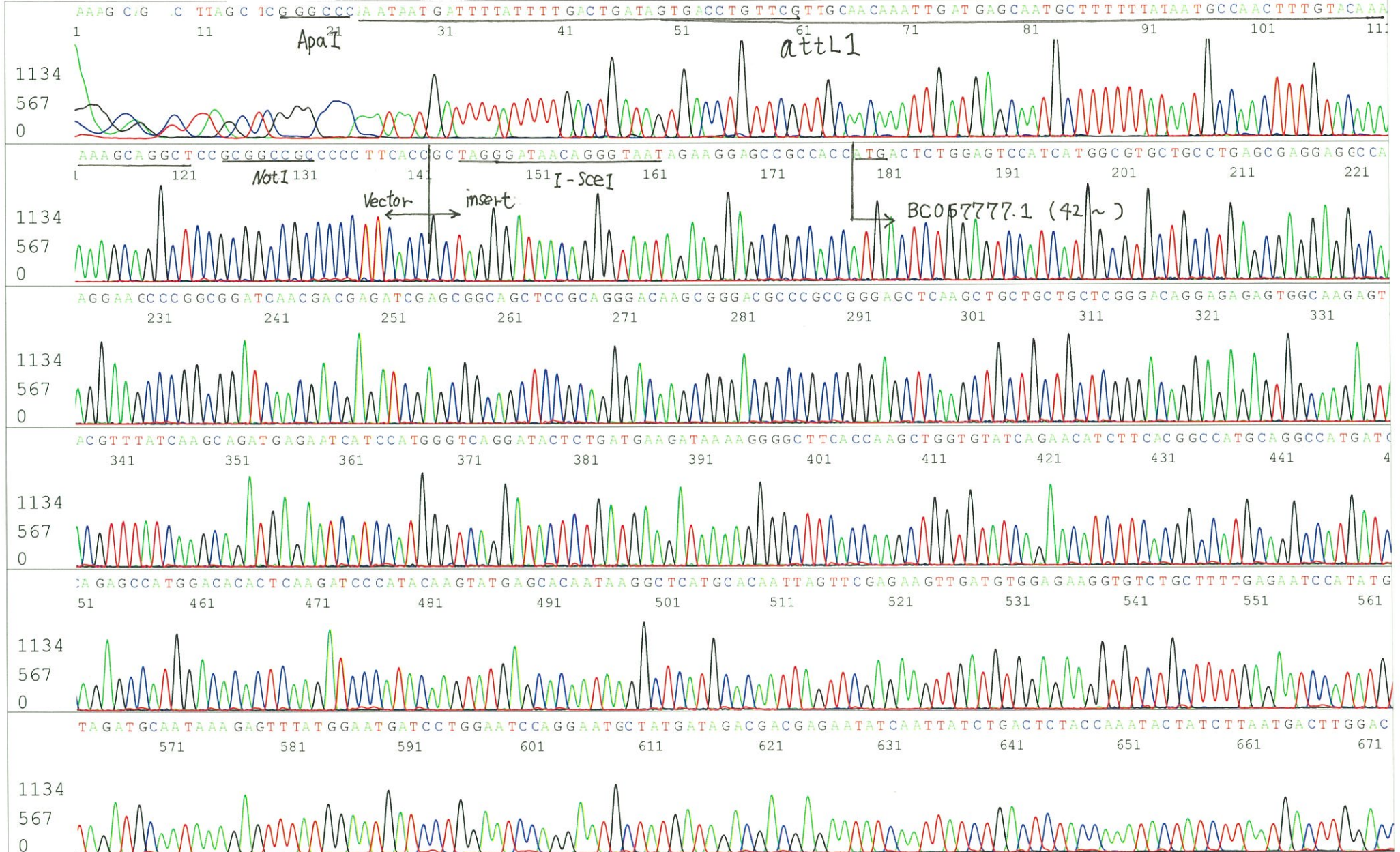


APPROVED BY : <http://dna.brc.riken.jp/index.html>

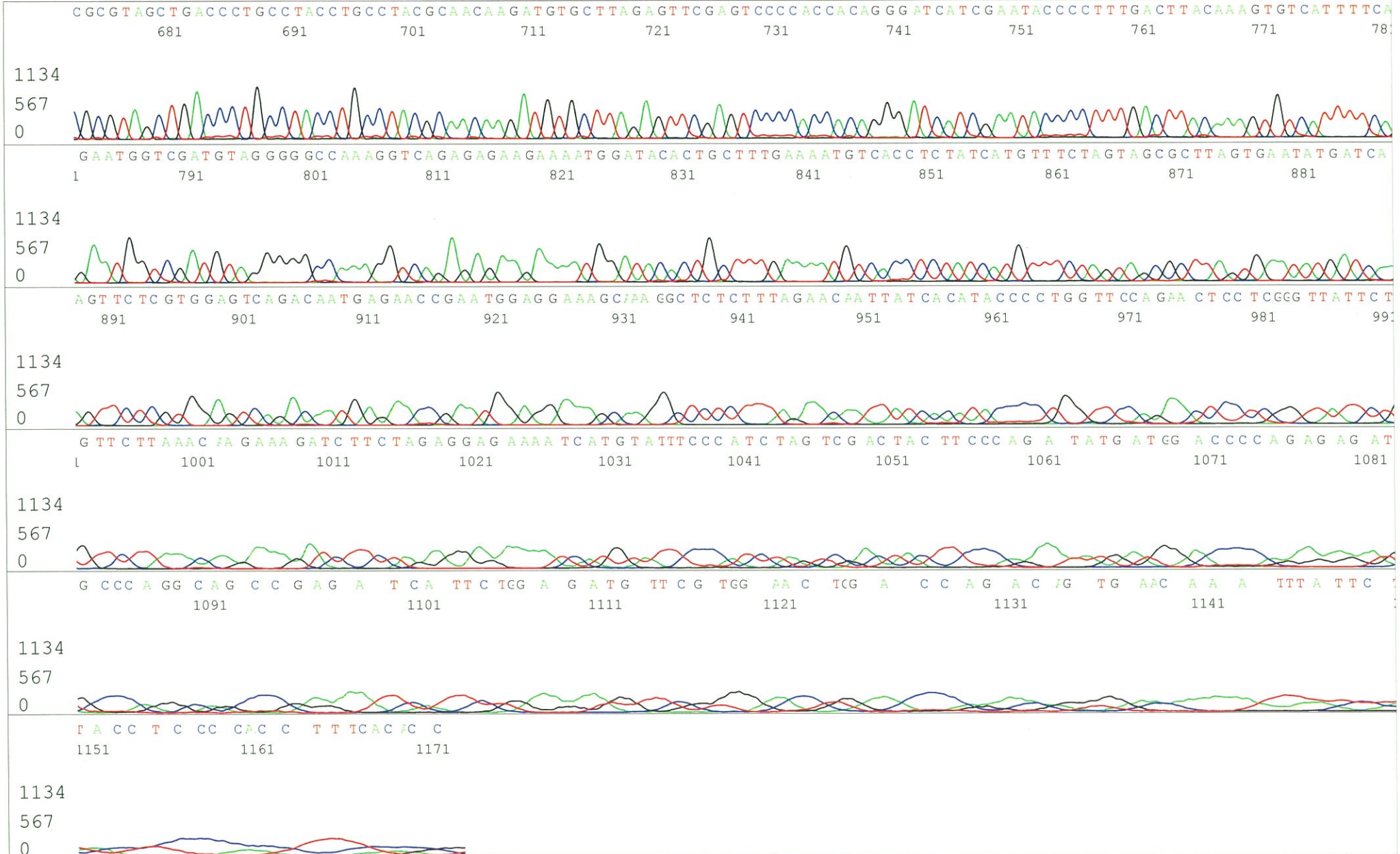
S/N G:264 A:282 T:215 C:270
KB.bcp
KB 1.4.1.8 Cap:12

Primer A : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'



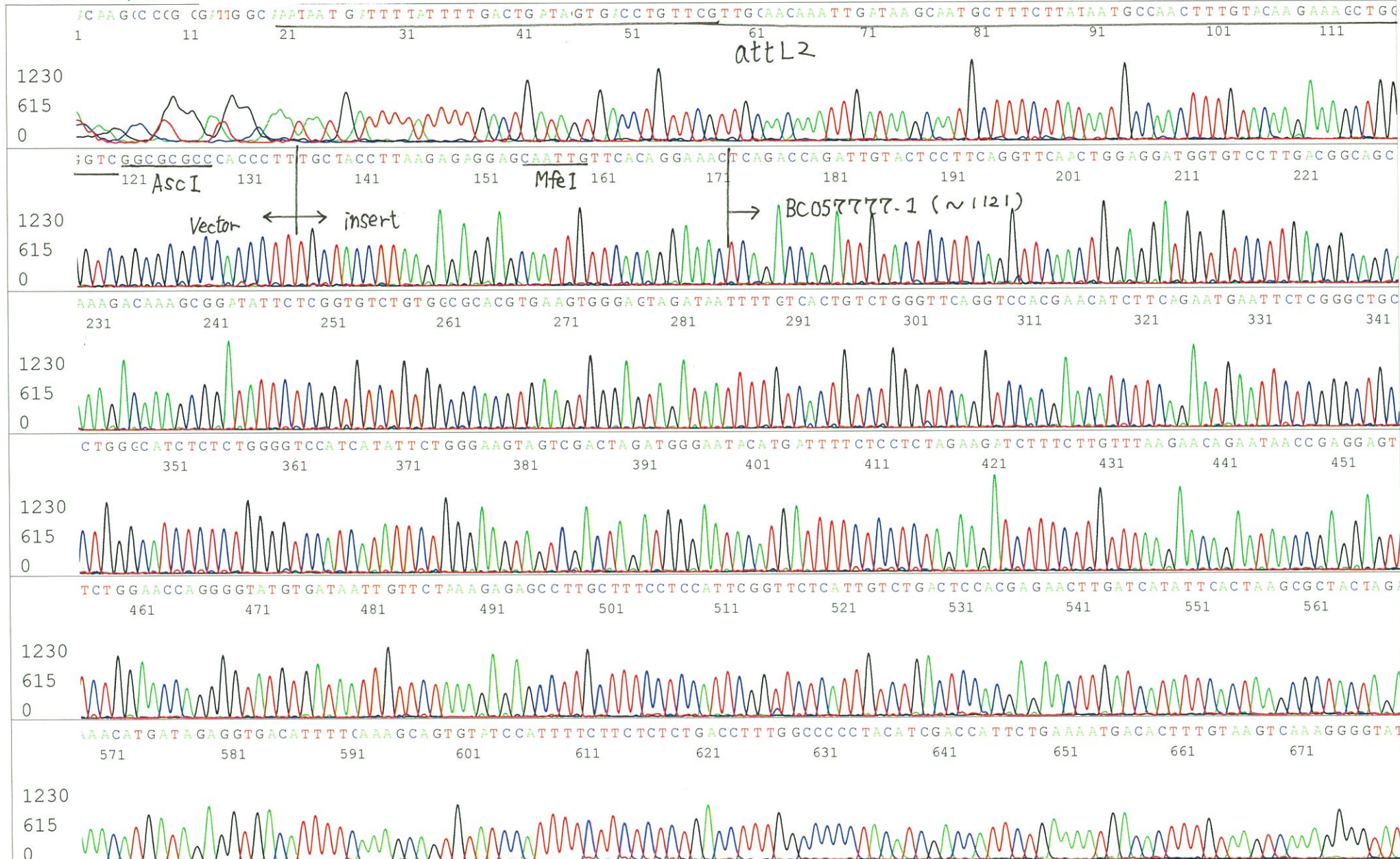
S/N G:264 A:282 T:215 C:270
KB.bcp
KB 1.4.1.8 Cap:12



S/N G:43 A:34 T:41 C:40
KB.bcp
KB 1.4.1.8 Cap:15

Primer B : T7 long

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'



S/N G:43 A:34 T:41 C:40
KB.bcp
KB 1.4.1.8 Cap:15

