

RIKEN Clone ID : IRAK098K13

Lot#: 7893_A8F8

Vector : pCMV-SPORT6

Gene	ABCF3	
Accession No.	BC051754.2	2467 bp
	CDS	2130 bp

● Plasmid DNA purification

Date : 180613

Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C over night

Date : 180614

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180614

DNA concentration (O.D.): 273 ng/ul

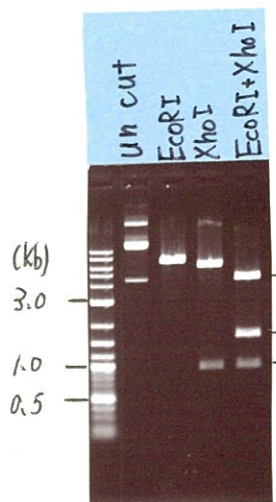
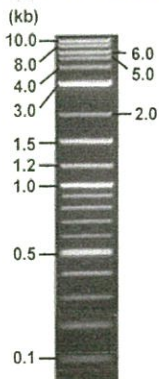
< Size of fragment expected from this clone >

DNA	<u>0.4</u> ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	<u>7.6</u> ul
Total	10 ul

EcoRI	6.8 kb
XhoI	5.9, 0.9 kb
EcoRI + XhoI	4.3kb (Vector) 1.6, 0.9 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180621

DNA (<u>273</u> ng/ul)	<u>88.0</u> ul
10x TE	<u>96.0</u> ul
dH ₂ O	<u>776.9</u> ul
Total	<u>960.9</u> ul

● Confirmation of the insertion sequence

Date : 180615

Primer A	Reverse2
Primer B	M13
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

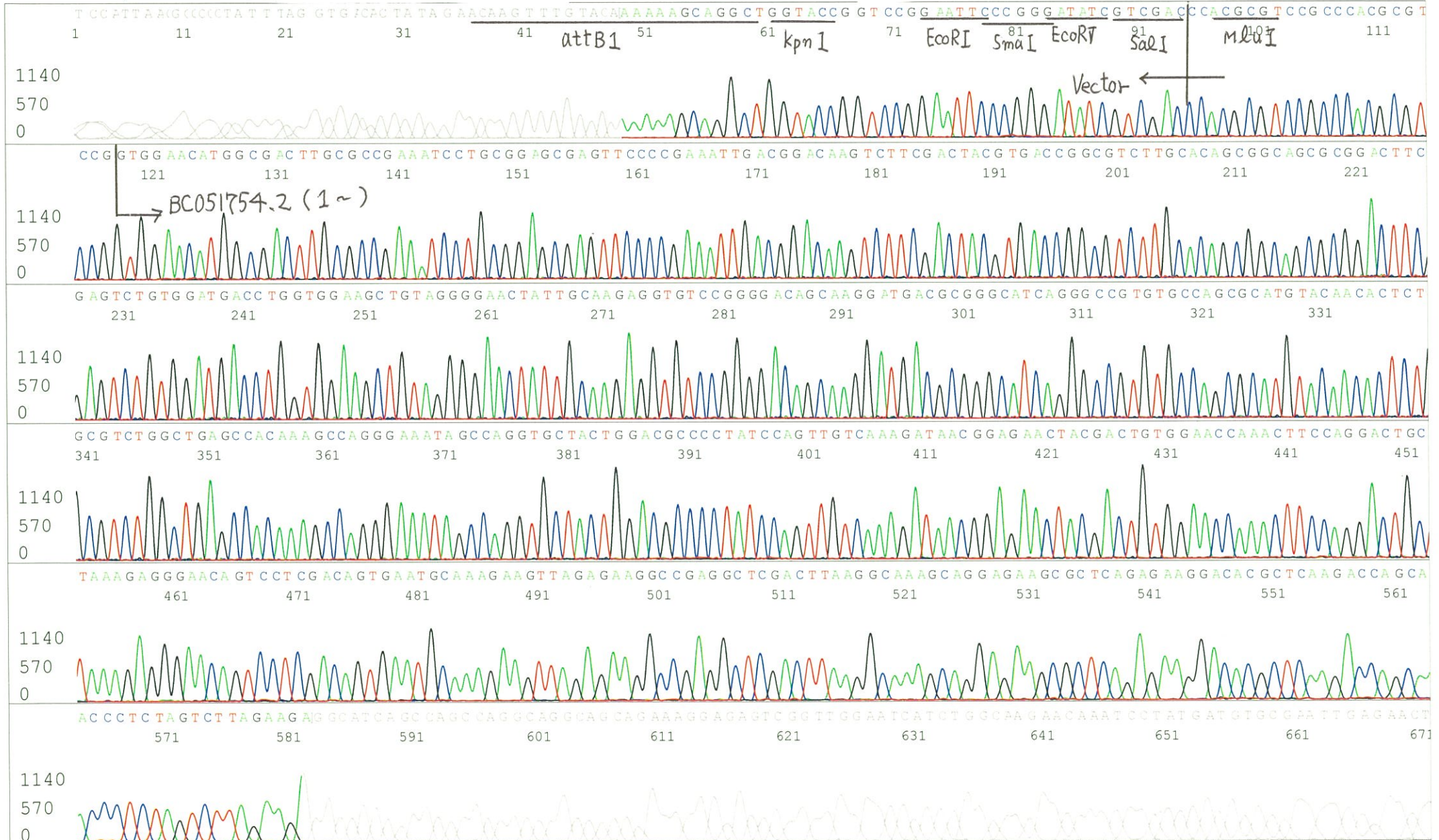


APPROVED BY : <http://dna.brc.riken.jp/index.html>

S/N G:67 A:93 T:55 C:104
KB.bcp
KB 1.4.1.8 Cap:4

Primer A : Reverse2
5' GCGGATAACAATTTTCACACAGG 3'

Gray line indicates quality value
(QV) < 40.



S/N G:23 A:28 T:22 C:40
KB.bcp
KB 1.4.1.8 Cap:5

Primer B : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'

Gray line indicates quality value
(QV) < 40.

