

RIKEN Clone ID : IRAK069L05

Lot#: 7893_A5Am

Vector : pCMV-SPORT6

Gene	IFT140	
Accession No.	BC035577.1	4966 bp
		1..4966
	<i>CDS</i>	4389 bp
		48..4436

● Plasmid DNA purification

Date : 15 01 22

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

Date : 15 01 23

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 15 01 23

DNA concentration (O.D.): 115 ng/ul

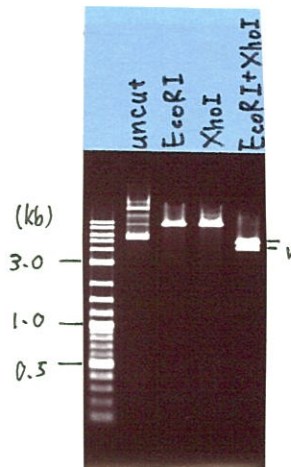
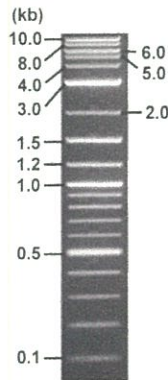
< Size of fragment expected from IRAK069L05 >

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

EcoRI	9348	bp
XhoI	9348	bp
EcoRI + XhoI	4339bp (Vector)	5009 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 150204

DNA (115 ng/ul)	85.0	ul
10x TE	39.1	ul
dH ₂ O	266.9	ul
Total	391.0	ul

● Confirmation of the insertion sequence

Date : 150130

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

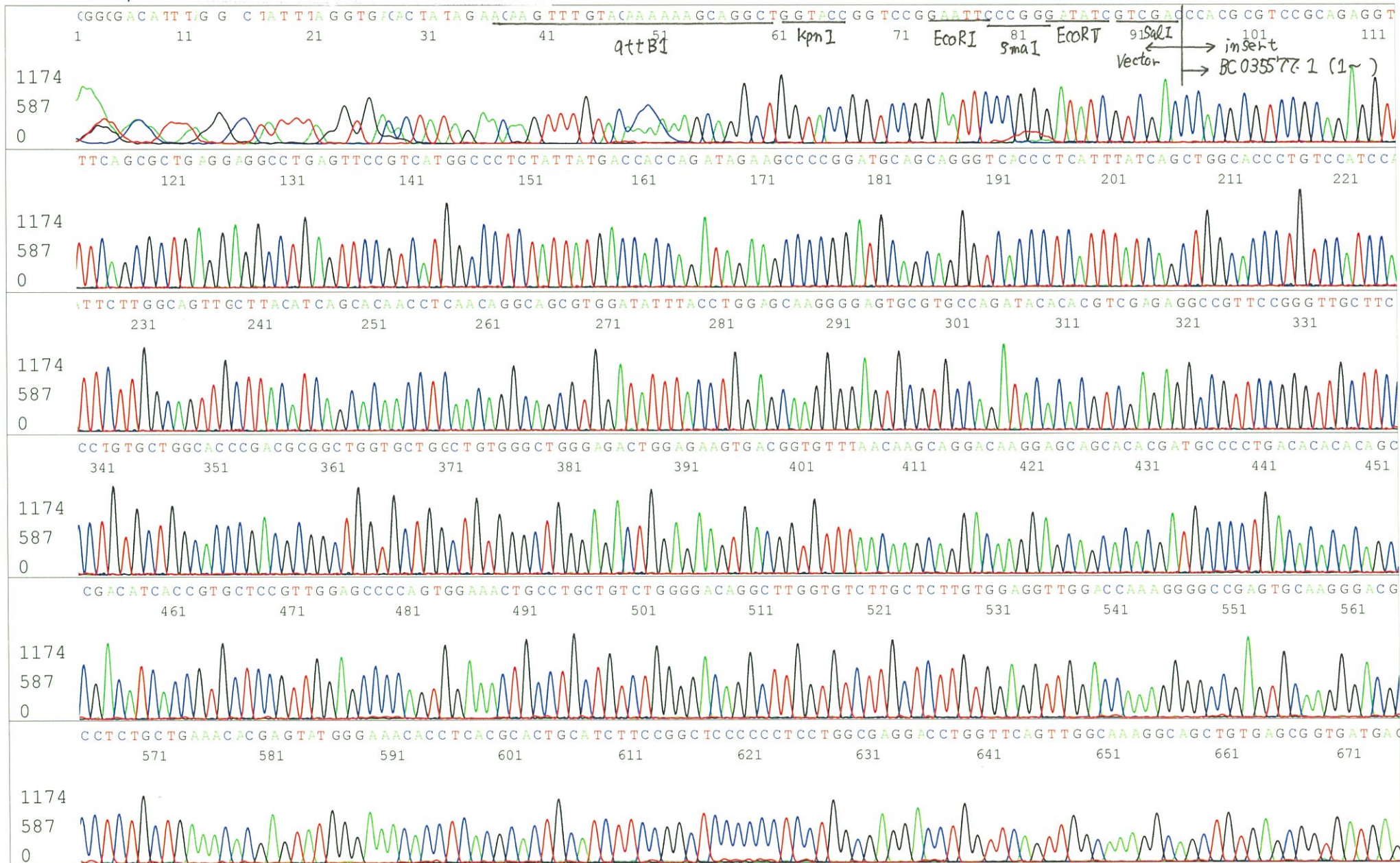
Conc. : ~~ng/ul~~, Volume : ~~ul~~

APPROVED BY :

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



S/N G:87 A:78 T:53 C:84 Primer A : Reverse2
 KB.bcp
 KB 1.4.1.8 Cap:14 5' GCGGATAACAATTTTCACACAGG 3'



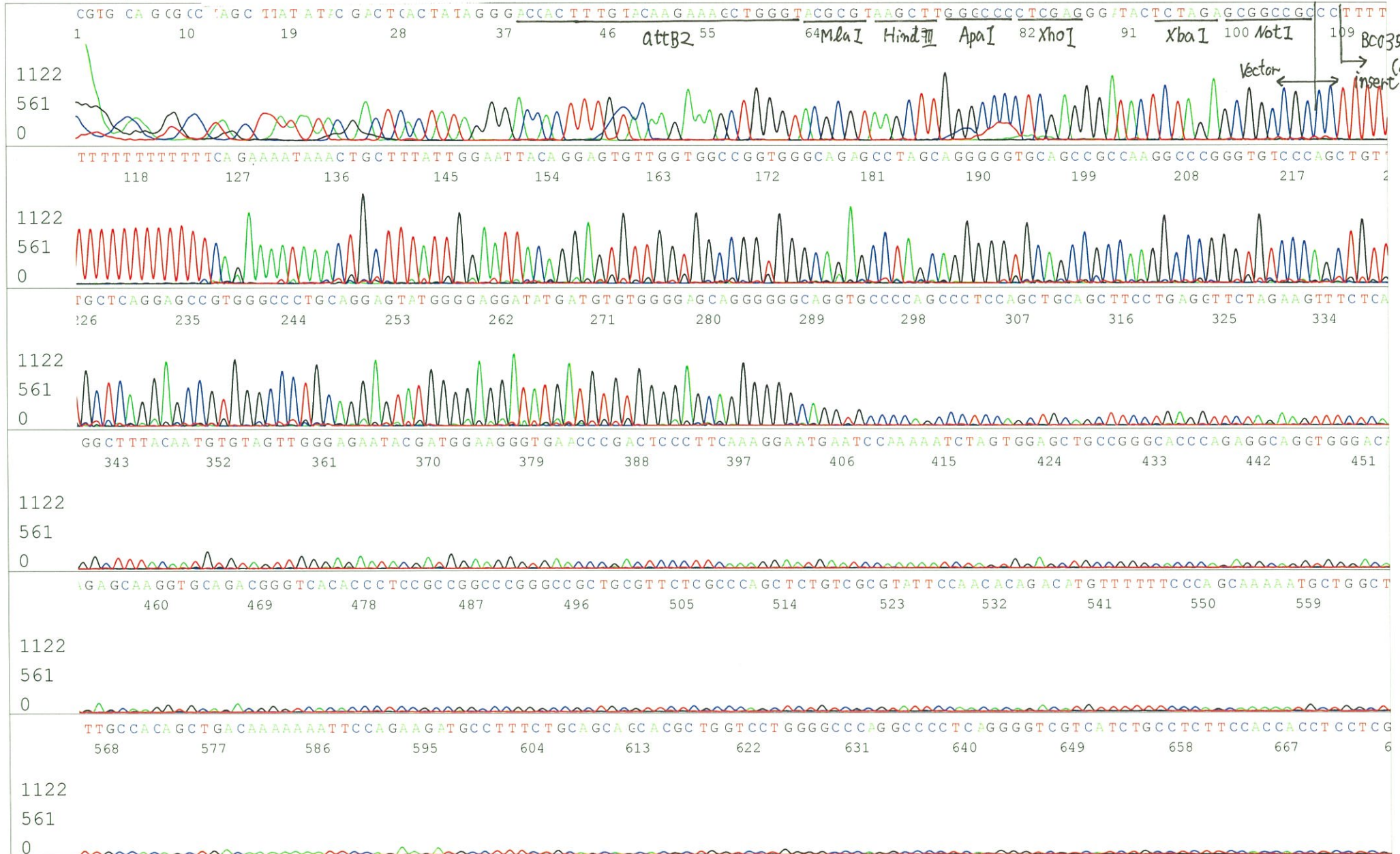
S/N G:87 A:78 T:53 C:84
KB.bcp
KB 1.4.1.8 Cap:14



S/N G:54 A:43 T:33 C:45
KB.bcp
KB 1.4.1.8 Cap:17

Primer B : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'



S/N G:54 A:43 T:33 C:45
KB.bcp
KB 1.4.1.8 Cap:17

