

**RIKEN Clone ID : H3059B07**

Lot# : 5723\_A3Ip

Vector : pSPORT1

Gene	Jak1	
5' EST Sequence	H3059B07-5	607bp
3' EST Sequence	H3059B07-3	701bp

● Plasmid DNA purification

Date : 130925

Culture : LB (100 ug/ml Ampicillin) 5 ml -> 37°C O/N

Date : 130926

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

● Digestion by restriction enzyme/Concentration calibration

Date : 130926

DNA concentration (O.D.): 159 ng/ul

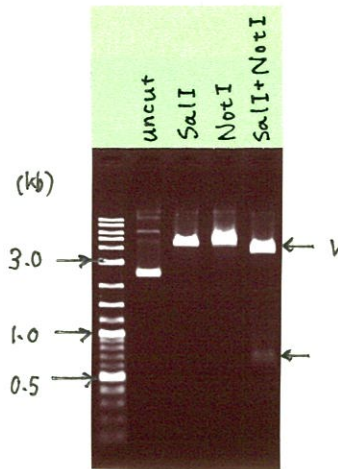
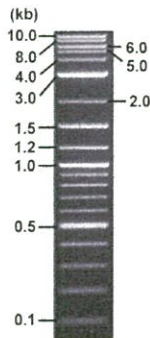
<Size of fragments expected from H3059B07 >

DNA	0.3	ul
Enzyme (NotI + SalI)	0.5 + 0.5	ul
Buffer H	1	ul
dH <sub>2</sub> O	7.7	ul
<b>Total</b>	<b>10</b>	<b>ul</b>

NotI	size unidentified	bp
SalI	size unidentified	bp
NotI + SalI	4091,	size unidentified

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul ~preparation for shipping~

Date : 131001

Shipping amount : 40 ul

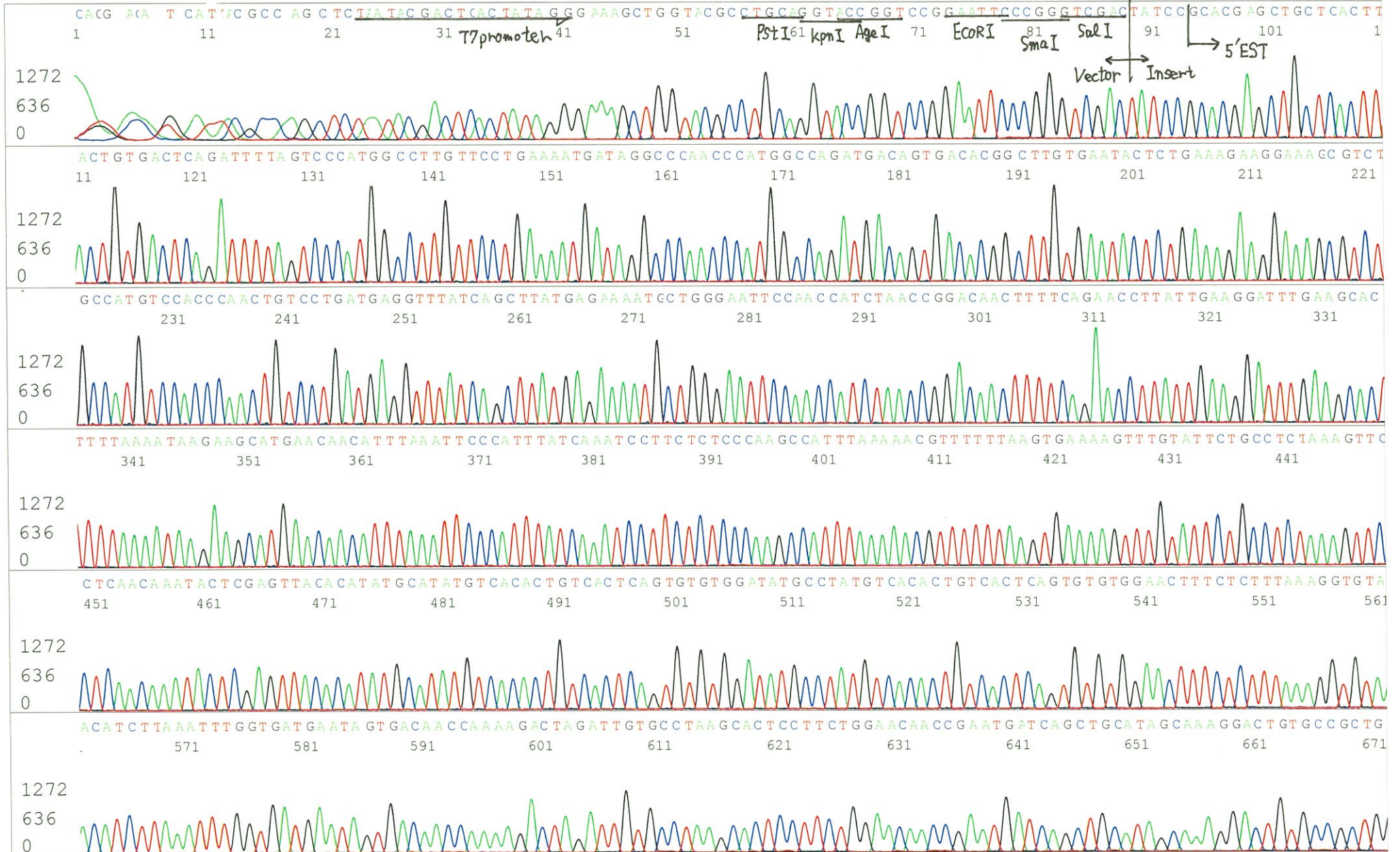
Concentration at the time of preparation of plasmid DNA : 25 ng/ul

DNA ( <u>159</u> ng/ul)	86.0	ul
10x TE	54.7	ul
dH <sub>2</sub> O	406.3	ul
<b>Total</b>	<b>547.0</b>	<b>ul</b>

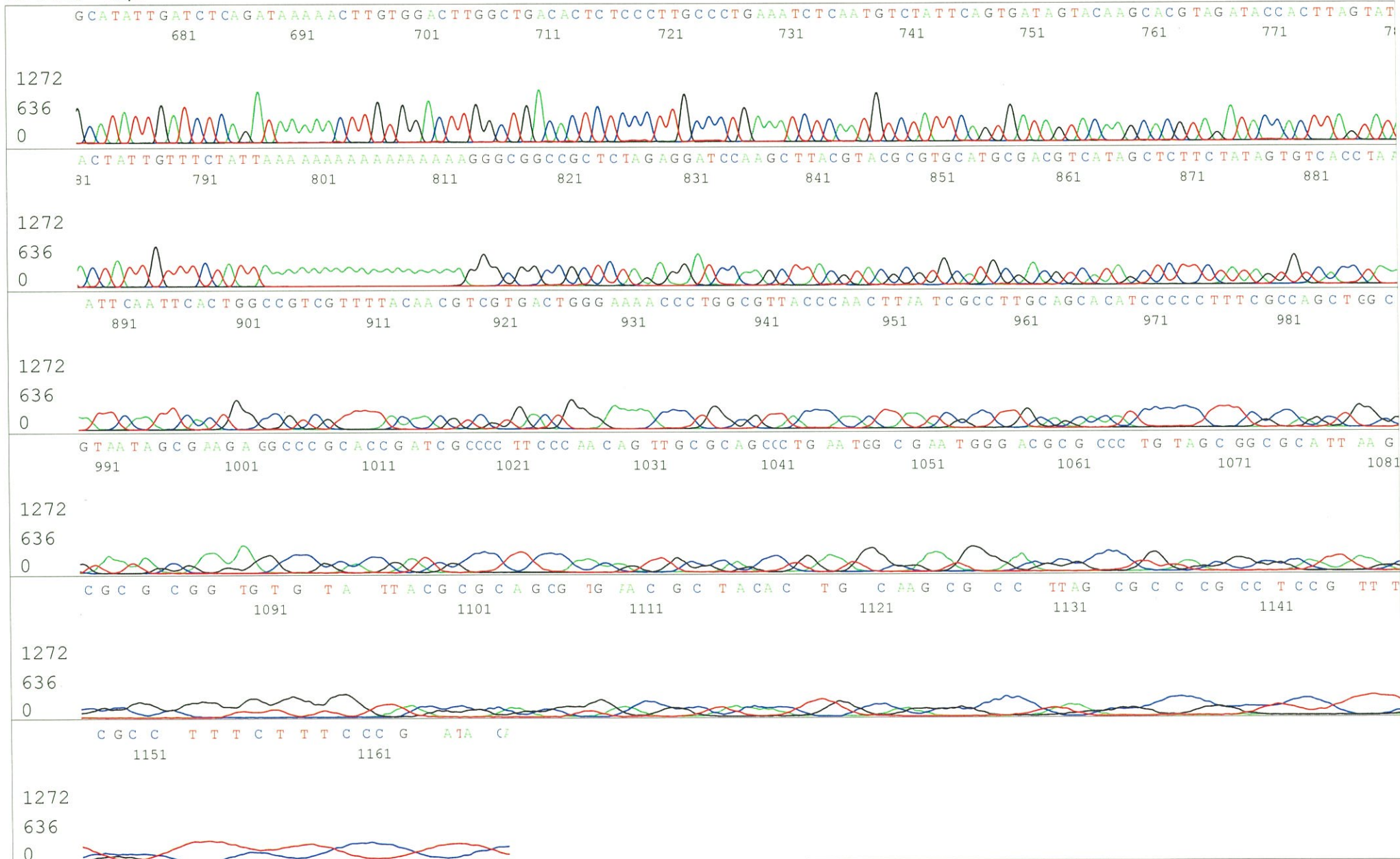
APPROVED BY :



S/N G:249 A:269 T:205 C:1  
KB.bcp  
KB 1.4.1.8 Cap:7  
Primer A : Reverse2  
5' GCGGATAACAATTTTCACACAGG 3'



S/N G:249 A:269 T:205 C:170  
KB.bcp  
KB 1.4.1.8 Cap:7





S/N G:63 A:60 T:48 C:34  
KB.bcp  
KB 1.4.1.8 Cap:10

