

RIKEN Clone ID : W01A075J02

Vector : pENTR/D-TOPO

Gene	STAT1	
Accession No.	AK096686.1	2710 bp
	<i>CDS</i>	2133 bp (386..2524)

● Plasmid DNA purification

Date : 130225

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

Date : 130226

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

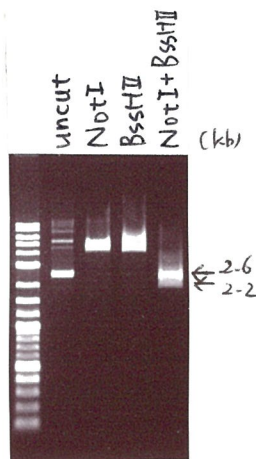
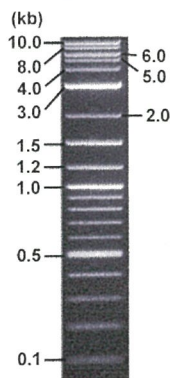
Date : 130227

DNA concentration (O.D.): 69 ng/ul

DNA	0.3	ul
Enzyme (NotI + BssHII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.7	ul
Total	10	ul

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected size of fragment from AK096686.1 CDS>

2597, 2233 bp

● Confirmation of the insertion sequence

Date : 130228

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

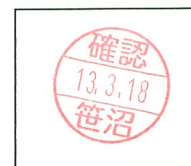
● Adjustment of DNA concentration

Shipping amount : 40 ul

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

Date : 130315

DNA (<u>69</u> ng/ul)	73	ul
10x TE	20.2	ul
dH ₂ O	108.3	ul
Total	201.5	ul

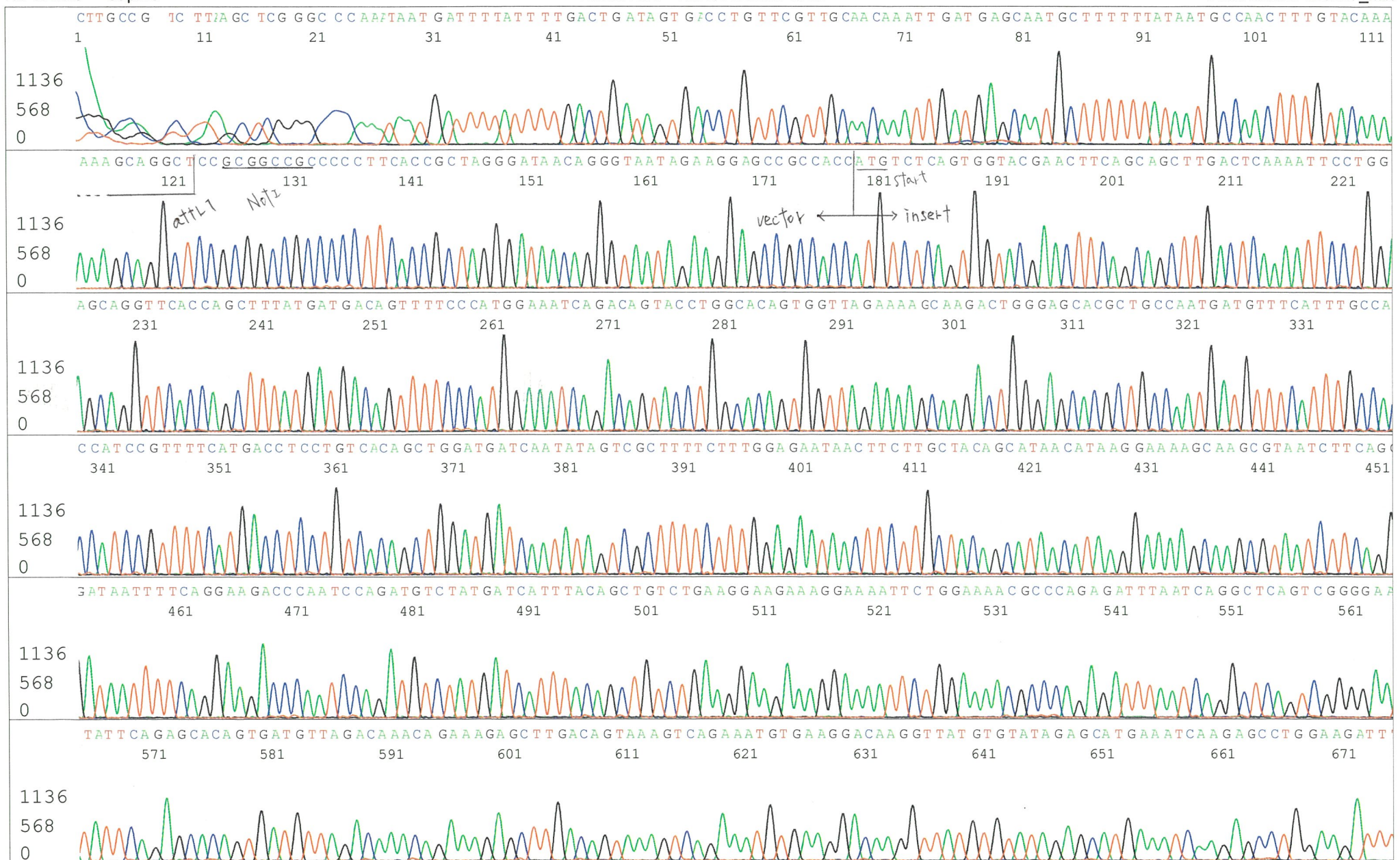


APPROVED BY :

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

S/N G:106 A:86 T:70 C:58
KB.bcp
KB 1.4.1.8 Cap:10

Primer A : M13
5' GTTTCCAGTCACGACGTTGTA 3'



S/N G:38 A:24 T:25 C:22

Primer B : T7 long

KB.bcp

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

KB 1.4.1.8 Cap:11

