

RIKEN Clone ID : W01A054N12

Vector : pENTR-TOPO

Gene	RTN4	
Accession ID of Origin	AK129806.1	1619 bp
	CDS	- bp

● Plasmid DNA purification

Date : 20.11.12

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

Date : 20.11.13

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 20.11.13

DNA concentration (O.D.): 146 ng/ul

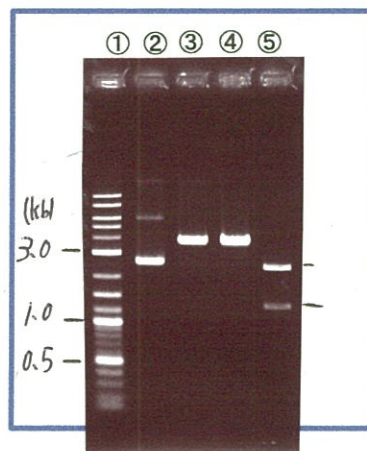
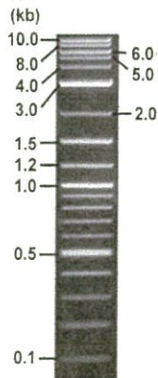
< Size of fragment expected from this clone >

DNA	<u>0.7</u> ul
Enzyme (NotI + EcoRV)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	<u>7.3</u> ul
Total	10 ul

NotI	<u>3.8</u> kb
EcoRV	<u>3.8</u> kb
NotI + EcoRV 2.5kb (Vector)	<u>1.3</u> kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



①:Marker
②:uncut
③:NotI
④:EcoRV
⑤:NotI+EcoRV

● Adjust plasmid DNA solution to 25 ng/ul

Date : 20.11.24

DNA (<u>146</u> ng/ul)	<u>86.0</u> ul
10x TE	<u>50.2</u> ul
dH ₂ O	<u>366.0</u> ul
Total	<u>502.2</u> ul

● Confirmation of the insertion sequence

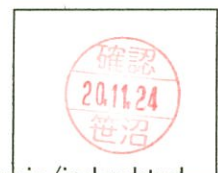
Date : 20.11.24

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

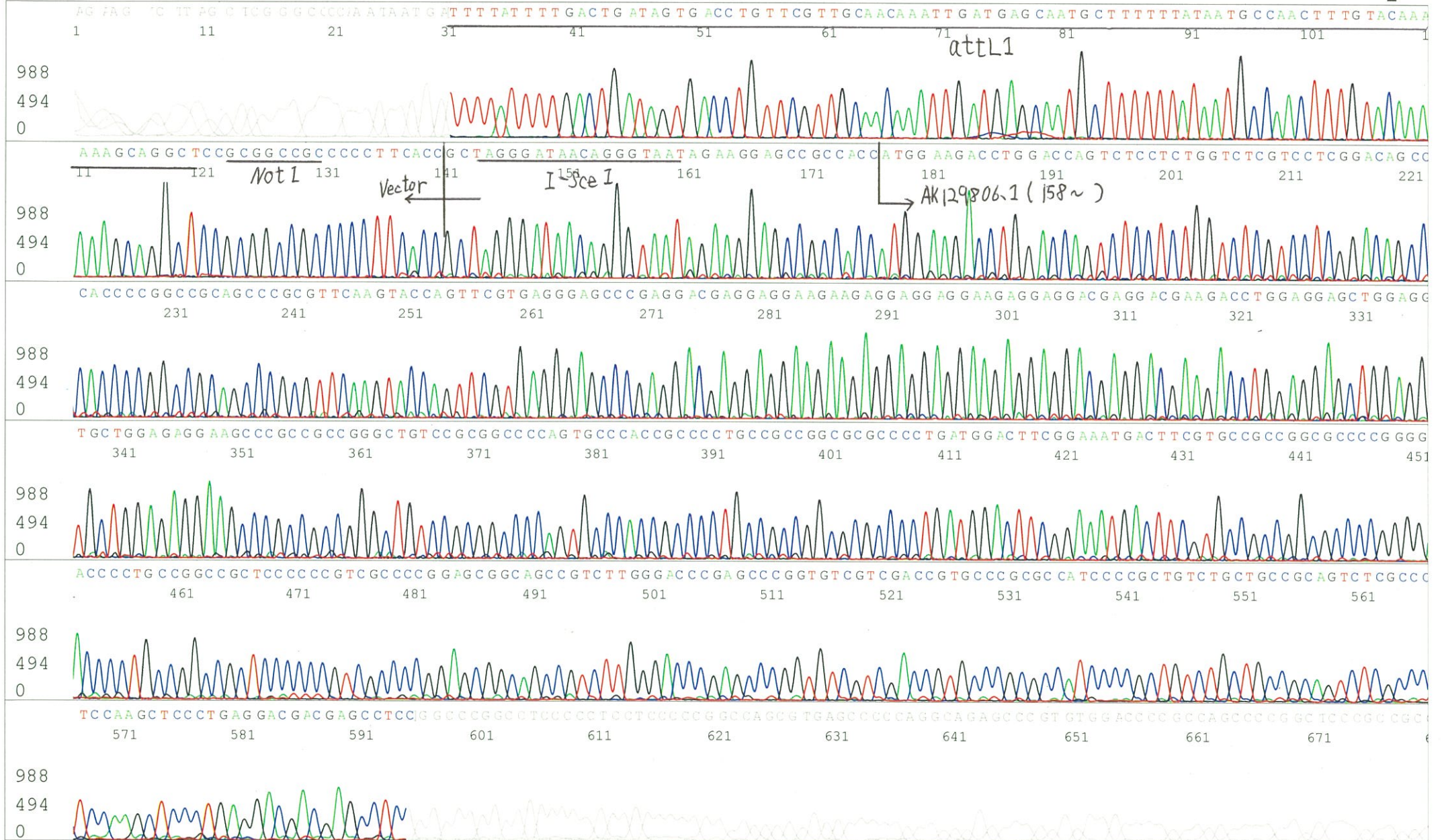
● Shipping

Conc. : 25 ng/μl, Volume : 40 μl

Conc. : ng/μl, Volume : μl



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



S/N G:148 A:232 T:136 C:170

Primer B: T7 long

8472_W01A054N12_B0Kb_T7 long

Nov 17, 2020 09:55AM, JST

KB.bcp

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Nov 17, 2020 10:10AM, JST

KB 1.4.1.8 Cap:23

Pts 1870 to 8707 Pk1 Loc:1838

(QV) < 40.

Spacing:11.29 Pts/Panel1350

Version 6.0 HiSQV Bases: 659

Plate Name: 20201117_GNP

