

RIKEN Clone ID : W01A055D02

Vector : pENTR-TOPO

Gene	CSK	
Accession ID of Origin	AK127672.1	2443 bp
	<i>CDS</i>	1353 bp

● Plasmid DNA purification

Date : 15 12 21

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

Date : 15 12 22

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 15 12 22

DNA concentration (O.D.): 142 ng/ul

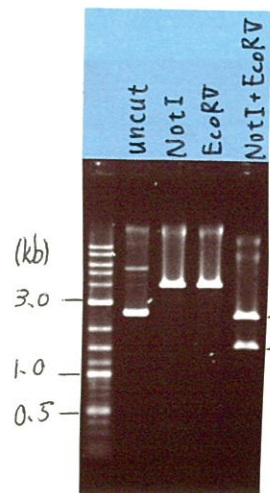
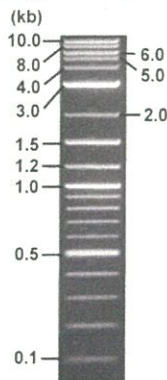
< Size of fragment expected from this clone >

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

NotI	4.1	kb
EcoRV	4.1	kb
NotI + EcoRV	2.5kb (Vector)	1.6 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 15/12/25

● Confirmation of the insertion sequence

Date : 15/12/25

DNA (<u>142</u> ng/ul)	83.0	ul
10x TE	47.1	ul
dH ₂ O	341.3	ul
Total	471.4	ul

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:465 A:674 T:326 C:64
KB.bcp
KB 1.4.1.8 Cap:8

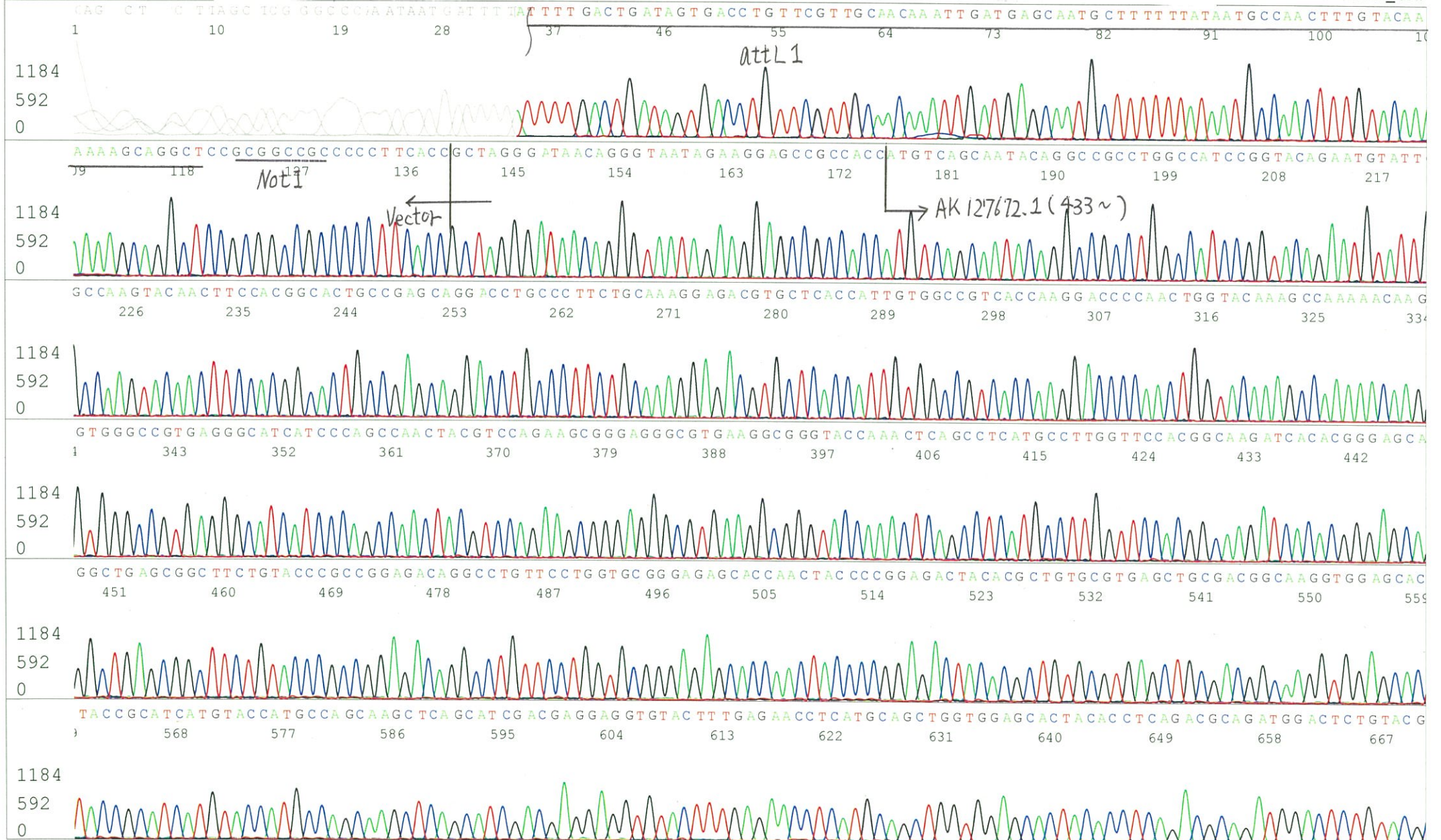
Primer A : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'

8472_W01A055D02_A5Li_M13(-40)_C02_08_ABI24
8472_W01A055D02_A5Li_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1381 to 13550 Pk1 Loc:1358
Version 6.0 HiSQV Bases: 962

Inst Model/Name 3500/3500 Instrument
Sep 28,2022 02:50PM, JST
Sep 28,2022 03:17PM, JST
Spacing:12.02 Pts/Panel1350
Plate Name: 20220928_GNP

Gray line indicates quality value
(QV) < 40.



S/N G:350 A:370 T:238 C
KB.bcp
KB 1.4.1.8 Cap:11
Primer B: T7 long
5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

8472_W01A055D02_A5Li_T7long_D02_11_ABI24
8472_W01A055D02_A5Li_T7long
KB_3500_POP7_BDTv3.mob
Pts 1393 to 13612 Pk1 Loc:1370
Version 6.0 HiSQV Bases: 944

Inst Model/Name 3500/3500 Instrument
Sep 28,2022 02:50PM, JST
Sep 28,2022 03:17PM, JST
Spacing:12.11 Pts/Panel1350
Plate Name: 20220928_GNP

Gray line indicates quality value
(QV) < 40.

