

RIKEN Clone ID : W01A041E20

Vector : pENTR-TOPO

Gene

PTPN22

Accession ID of Origin

BC071670.1

3436 bp

CDS

2259 bp

● Plasmid DNA purification

Date : 22.10.05

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

Date : 22.10.06

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 22.10.06

DNA concentration (O.D.): 163 ng/ul

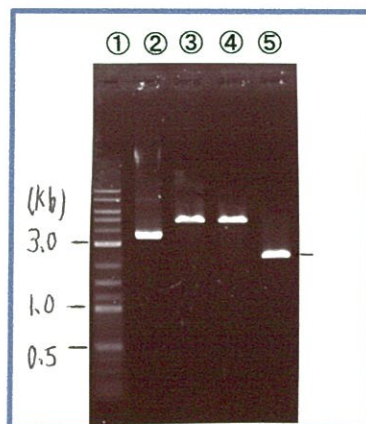
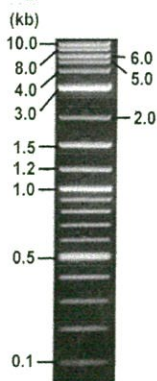
< Size of fragment expected from this clone >

DNA	0.6 ul
Enzyme (NotI + EcoRV)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.4 ul
Total	10 ul

NotI	5.0 kb
EcoRV	5.0 kb
NotI + EcoRV	2.5kb (Vector) 2.5 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 : 22.10.18

● Confirmation of the insertion sequence

Date : 22.10.14

DNA (163 ng/ul)	84.0 ul
10x TE	54.7 ul
dH ₂ O	408.9 ul
Total	547.6 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 : μlAPPROVED BY : <http://dna.brc.riken.jp/index.html>

確認
22.10.18
笹沼

S/N G:184 A:329 T:189 C:254
KB.bcp
KB 1.4.1.8 Cap:13

Primer A : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'

8472_W01A041E20_B2lr_3_M13(-40)_E07_13_ABI24

8472_W01A041E20_B2lr_3_M13(-40)

KB_3500_POP7_BDTv3.mob

Pts 1447 to 13693 Pk1 Loc:1424

Version 6.0 HiSQV Bases: 954

Gray line indicates quality value

(QV) < 40.

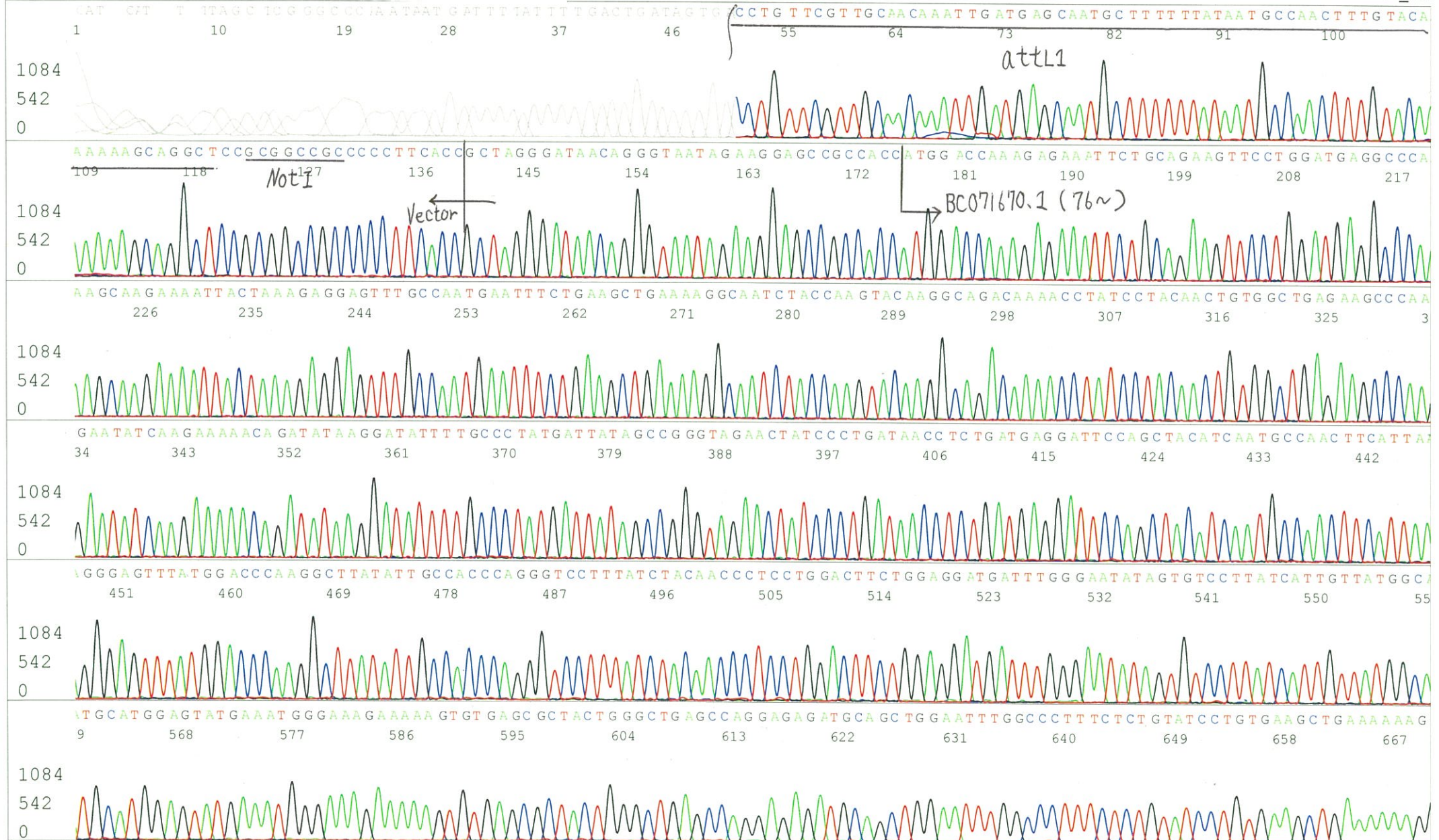
Inst Model/Name 3500/3500 Instrument

Oct 07,2022 10:10AM, JST

Oct 07,2022 10:38AM, JST

Spacing:11.98 Pts/Panel1350

Plate Name: 20221007_mix



S/N G:166 A:251 T:173 C:16 Primer B : T7 long

KB.bcp

KB 1.4.1.8 Cap:16

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

8472_W01A041E20_B2lr_3_T7long

KB_3500_POP7_BDTv3.mob

Pts 1431 to 13622 Pk1 Loc:1408

Version 6.0 HiSQV Bases: 932

Gray line indicates quality value

$$(QV) < 40.$$

Oct 07, 2022 10:10AM, JST

Oct 07, 2022 10:38AM, JST

Spacing:12.17 Pts/Panel1350

Plate Name: 20221007 mix

