

RIKEN Clone ID : IRAK026E06

Vector : pCMV-SPORT6

Gene	HSPA8	
Accession No.	BC016660.1	2259 bp
	<i>CDS</i>	1941 bp

● Plasmid DNA purification

Date : 20,12,14

Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C over night

Date : 20,12,15

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 20,12,15

DNA concentration (O.D.): 358 ng/ul

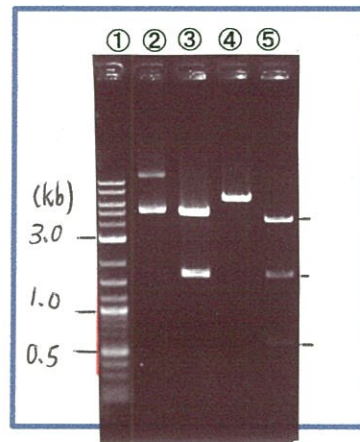
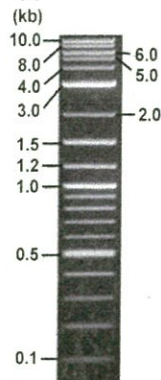
< Size of fragment expected from this clone >

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

EcoRI	4.9 , 1.7 kb
XhoI	6.6 kb
EcoRI + XhoI	4.3kb (Vector) 1.7, 0.6 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



- ①:Marker
- ②:uncut
- ③:EcoRI
- ④:XhoI
- ⑤:EcoRI + XhoI

● Adjust plasmid DNA solution to 25 ng/ul

Date : 20,12,18

● Confirmation of the insertion sequence

Date : 20,12,17

DNA (<u>358</u> ng/ul)	92.0 ul
10x TE	131.7 ul
dH ₂ O	1093.7 ul
Total	1317.4 ul

Primer A	Reverse2
Primer B	M13
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

Conc. : 25 ng/ul, Volume : 40 ul

Conc. : ng/ul, Volume : ul

APPROVED BY :

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



S/N G:94 A:95 T:64 C:78

Primer A : Reverse2

7893_IRAK026E06_B0Le_Reverse2

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Dec 16,2020 10:04AM, JST

KB.bcp

Pts 1871 to 8706 Pk1 Loc:1839

Dec 16,2020 10:19AM, JST

KB 1.4.1.8 Cap:10

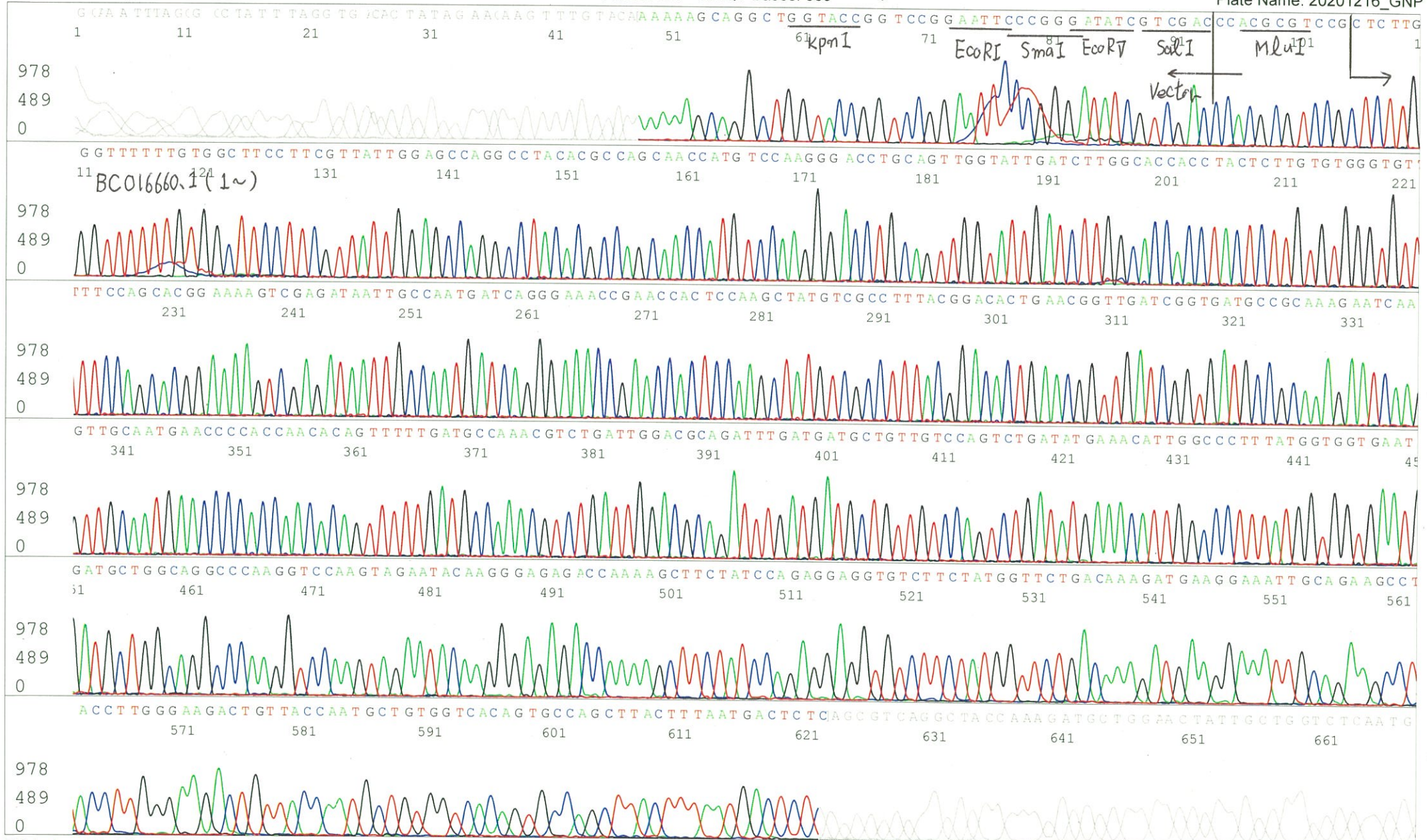
5' GCGGATAACAATTTTCACACAGG 3'

Version 6.0 HiSQV Bases: 669

(QV) < 40.

Spacing:10.5 Pts/Panel1350

Plate Name: 20201216_GNP



S/N G:154 A:175 T:157 C:168 Primer B : M13

7893_IRAK026E06_B0Le_M13(-40)

Dec 16,2020 10:04AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Dec 16,2020 10:19AM, JST

KB 1.4.1.8 Cap:13

5' GTTTTCCCAGTCACGACGTTGTA 3'

Pts 1860 to 8706 Pk1 Loc:1828

(QV) < 40.

Spacing:10.47 Pts/Panel1350

Plate Name: 20201216_GNP

