

RIKEN Clone ID : IRAK064008

Lot#: 7893_B1Gj

Vector : pCMV-SPORT6

Gene	SIAH1	
Accession No.	BC035562.1	1540 bp
	CDS	849 bp

● Plasmid DNA purification

Date : 21.07.19

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

Date : 21.07.20

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 21.07.20

DNA concentration (O.D.): 248 ng/ul

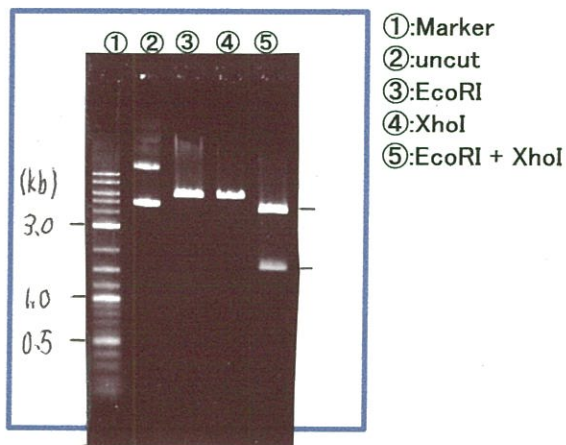
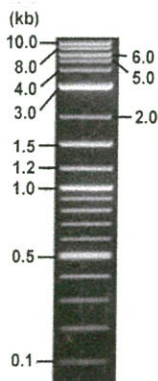
< Size of fragment expected from this clone >

DNA	<u>0.4</u> ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	<u>7.6</u> ul
Total	10 ul

EcoRI	5.9 kb
XhoI	5.9 kb
EcoRI + XhoI	4.3kb (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 : 21.07.28

DNA (<u>248</u> ng/ul)	<u>94.0</u> ul
10x TE	<u>93.2</u> ul
dH ₂ O	<u>745.2</u> ul
Total	<u>932.4</u> ul

● Confirmation of the insertion sequence

Date : 21.07.26

Primer A	Reverse2
Primer B	M13
Primer C	poly(A) region primer #0
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 :

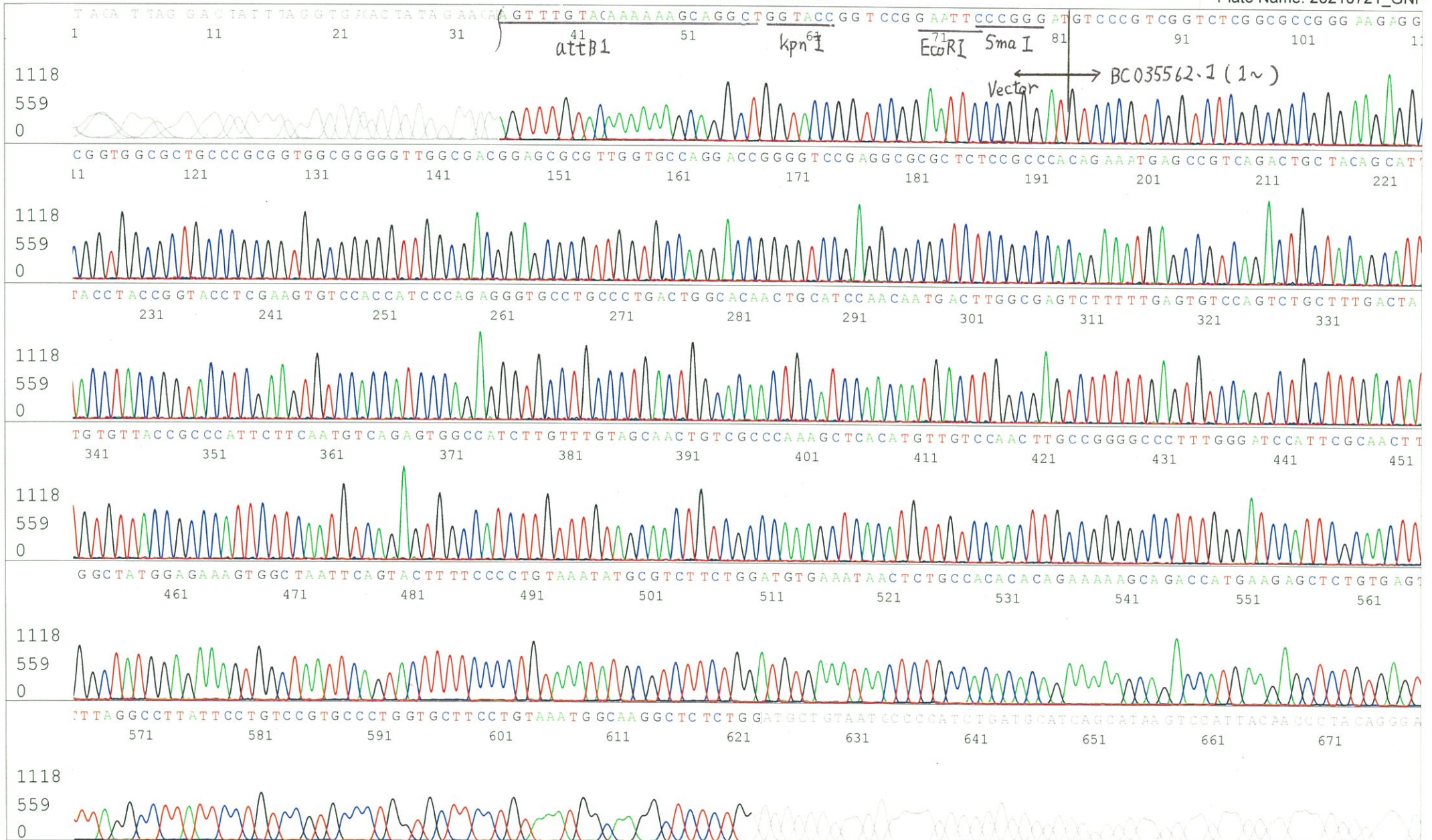
<http://dna.brc.riken.jp/index.html>



S/N G:771 A:696 T:466 C:736 Primer A : Reverse2
KB.bcp
KB 1.4.1.8 Cap:12

5' GCGGATAACAATTTTCACACAGG 3'

Gray line indicates quality value
(QV) < 40.



S/N G:34 A:65 T:51 C:42
KB.bcp
KB 1.4.1.8 Cap:15

Primer B : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'

7893_IRAK064O08_B1Gj_M13(-40)_E03_15_ABI24
7893_IRAK064O08_B1Gj_M13(-40)
KB_3500_POP7_BDTV3.mob
Pts 1713 to 8705 Pk1 Loc:1681
Version 6.0 HiSQV Bases: 185

Inst Model/Name 3500/3500 Instrument
Jul 21,2021 10:21AM, JST
Jul 21,2021 10:36AM, JST
Spacing:10.81 Pts/Panel1350
Plate Name: 20210721_GNP

Gray line indicates quality value
(QV) < 40.



S/N G:26 A:38 T:23 C:28

Primer C : Poly(A) region primer #0

7893_IRAK064O08_B1Gj_GNP Mixture

Jul 21,2021 10:21AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Jul 21,2021 10:36AM, JST

KB 1.4.1.8 Cap:18

5' TTTTTTTTTTTTTTTTTTTTTTVNN 3'

Pts 1728 to 8705 Pk1 Loc:1696

(QV) < 40.

Spacing:10.66 Pts/Panel1350

Version 6.0 HiSQV Bases: 656

Plate Name: 20210721_GNP

