

RIKEN Clone ID : IRAK004E15

Lot#: 7893_A8Hm

Vector : pCMV-SPORT6

Gene	PITX1	
Accession No.	BC003685.1	1299 bp
	CDS	945 bp

● Plasmid DNA purification

Date : 180822

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

Date : 180823

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180823

DNA concentration (O.D.): 222 ng/ul

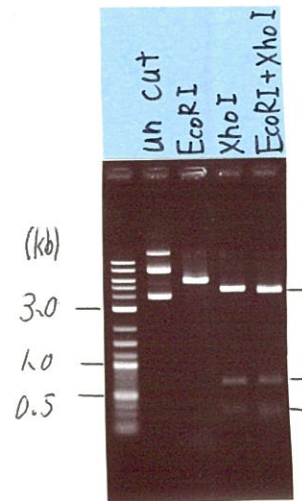
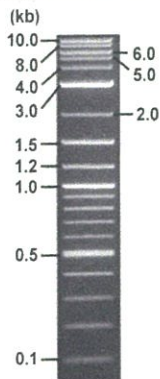
< Size of fragment expected from this clone >

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	5.6 kb
XhoI	4.6, 0.7, 0.3 kb
EcoRI + XhoI	4.3kb (Vector) 0.7, 0.3, 0.3 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180904

DNA (<u>222</u> ng/ul)	<u>88.0</u> ul
10x TE	<u>78.1</u> ul
dH ₂ O	<u>615.3</u> ul
Total	<u>781.4</u> ul

● Confirmation of the insertion sequence

Date : 180828

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:319 A:319 T:182 C:569

Primer A : Reverse2

IRAK004E15_A8Hm_Reverse2

Aug 28,2018 09:59AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Aug 28,2018 10:29AM, JST

KB 1.4.1.8 Cap:16

5' GCGGATAACAATTTTCACACAGG 3'

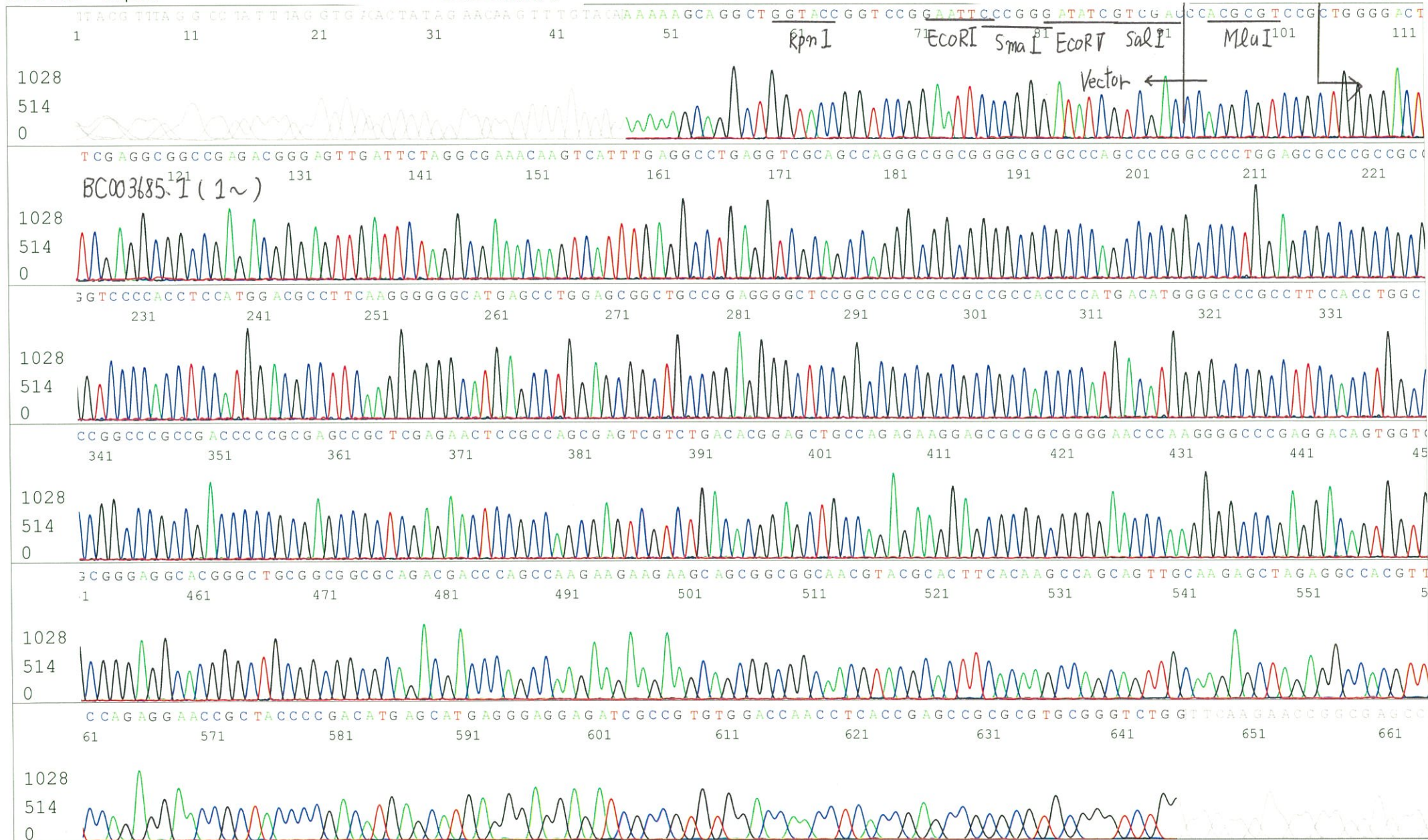
Pts 1718 to 8669 Pk1 Loc:1686

(QV) < 40.

Spacing:10.55 Pts/Panel1350

Version 6.0 HiSQV Bases: 708

Plate Name: 20180828_GNP



S/N G:332 A:253 T:219 C:488

Primer B : M13

IRAK004E15_A8Hm_M13

Aug 28,2018 09:59AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Aug 28,2018 10:29AM, JST

KB 1.4.1.8 Cap:19

5' GTTTCCAGTCACGACGTTGTA 3'

Pts 1717 to 8706 Pk1 Loc:1685

Version 6.0 HiSQV Bases: 714 (QV) < 40.

Spacing:10.57 Pts/Panel1350

Plate Name: 20180828_GNP

