

RIKEN Clone ID : IRAL017F18

Lot#: 7566_A8Hm

Vector : pOTB7

Gene	SHOX2	
Accession No.	BC008829.2	2039 bp
	CDS	1068 bp

● Plasmid DNA purification

Date : 180823

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

Date : 180824

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180824

DNA concentration (O.D.): 310 ng/ul

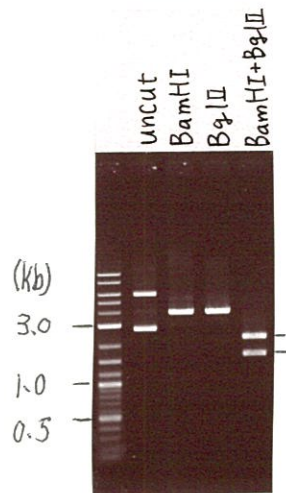
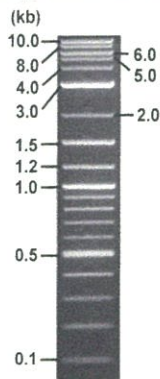
< Size of fragment expected from this clone >

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

BamHI	3.8	kb
BglII	3.8	kb
BamHI + BglII	1.6kb (Vector)	2.2 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>310</u> ng/ul)	85.0	ul
10x TE	105.4	ul
dH ₂ O	863.6	ul
Total	1054.0	ul

● Confirmation of the insertion sequence

Date : 180829

Primer A	pOTB7_F
Primer B	pOTB7_R
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 :

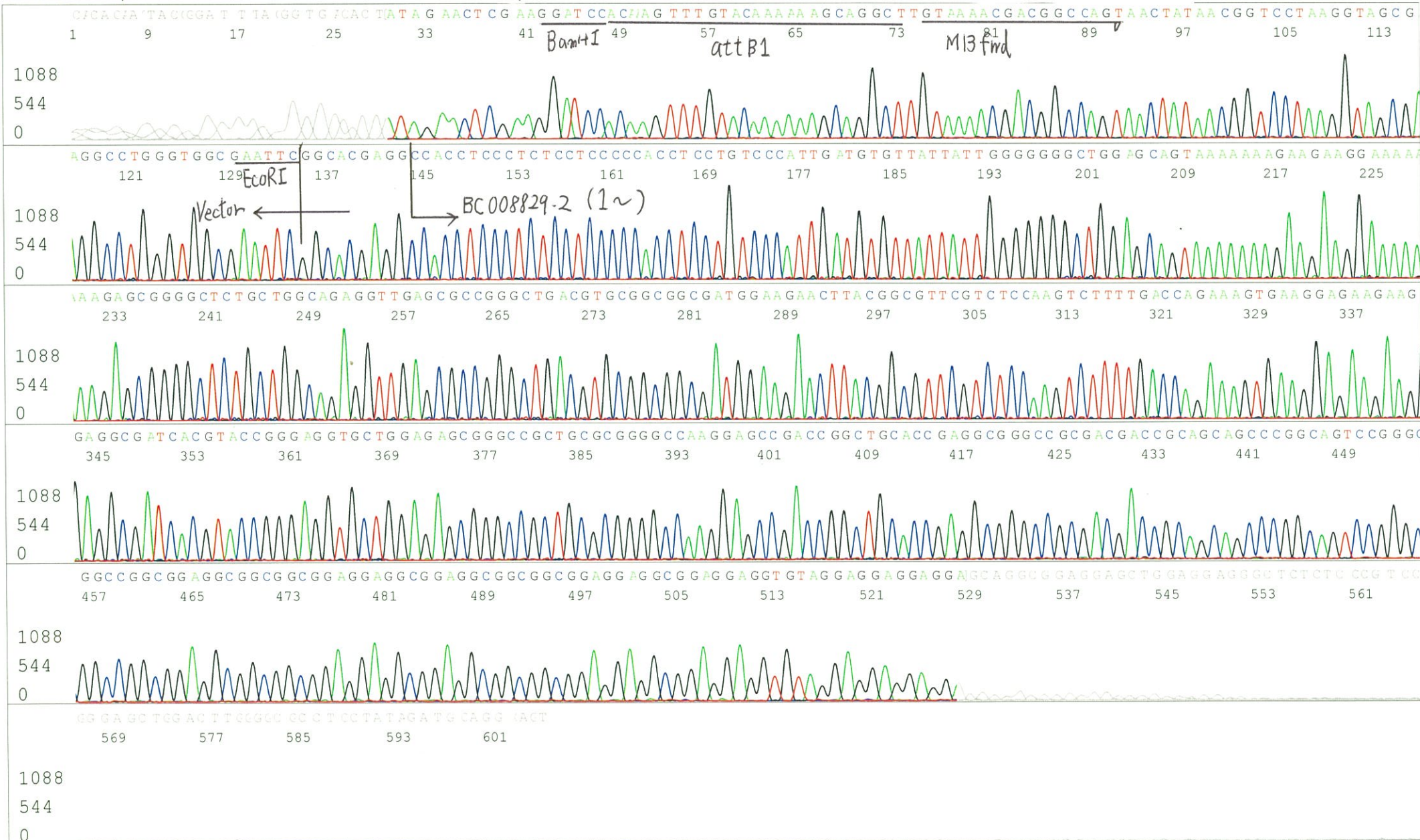
<http://dna.brc.riken.jp/index.html>



S/N G:57 A:56 T:36 C:83
KB.bcp
KB 1.4.1.8 Cap:1

Primer A: pOTB7-F
5' AACGCGCTACAATTAATACATAACC 3'

Gray line indicates quality value
(QV) < 40.



S/N G:8 A:10 T:13 C:15

Primer B: pOTB7-R

IRAL017F18_A8Hm_III_pOTB7_R

Aug 29,2018 01:01PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Aug 29,2018 01:15PM, JST

KB 1.4.1.8 Cap:2

5' GTACTGCAGCCGATTCATTAATGC 3'

Pts 1771 to 8703 Pk1 Loc:1739

(QV) < 40.

Spacing:10.76 Pts/Panel1350

Version 6.0 HiSQV Bases: 668

Plate Name: 20180829_GNP

