

**RIKEN Clone ID : IRAK034D14**

Lot#: 7566\_A8Jc

Vector : pBluescriptR

Gene	ADH1B	
Accession No.	BC033009.2	1805 bp
	<i>CDS</i>	1128 bp

● Plasmid DNA purification

Date : 181015

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

Date : 181017

Purification : QIAGEN Miniprep kit → dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 181017

DNA concentration (O.D.): 50 ng/ul

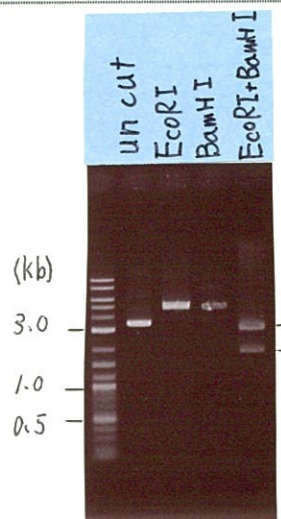
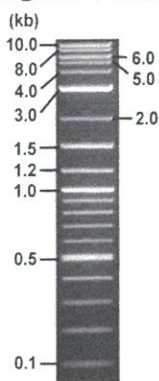
< Size of fragment expected from this clone >

DNA	<u>2</u> ul
Enzyme (EcoRI + BamHI)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	<u>6</u> ul
Total	10 ul

EcoRI	4.6 kb
BamHI	4.6 kb
EcoRI + BamHI	2.8kb (Vector) 1.8 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 181020

DNA ( <u>50</u> ng/ul)	<u>80.0</u> ul
10x TE	<u>16.0</u> ul
dH <sub>2</sub> O	<u>64.0</u> ul
Total	<u>160.0</u> ul

● Confirmation of the insertion sequence

Date : 181018

Primer A	T7
Primer B	Reverse2
Primer C	-
List of Sequencing Primers	<a href="http://dna.brc.riken.jp/en/GNPclone3en.html">http://dna.brc.riken.jp/en/GNPclone3en.html</a>

● Shipping

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



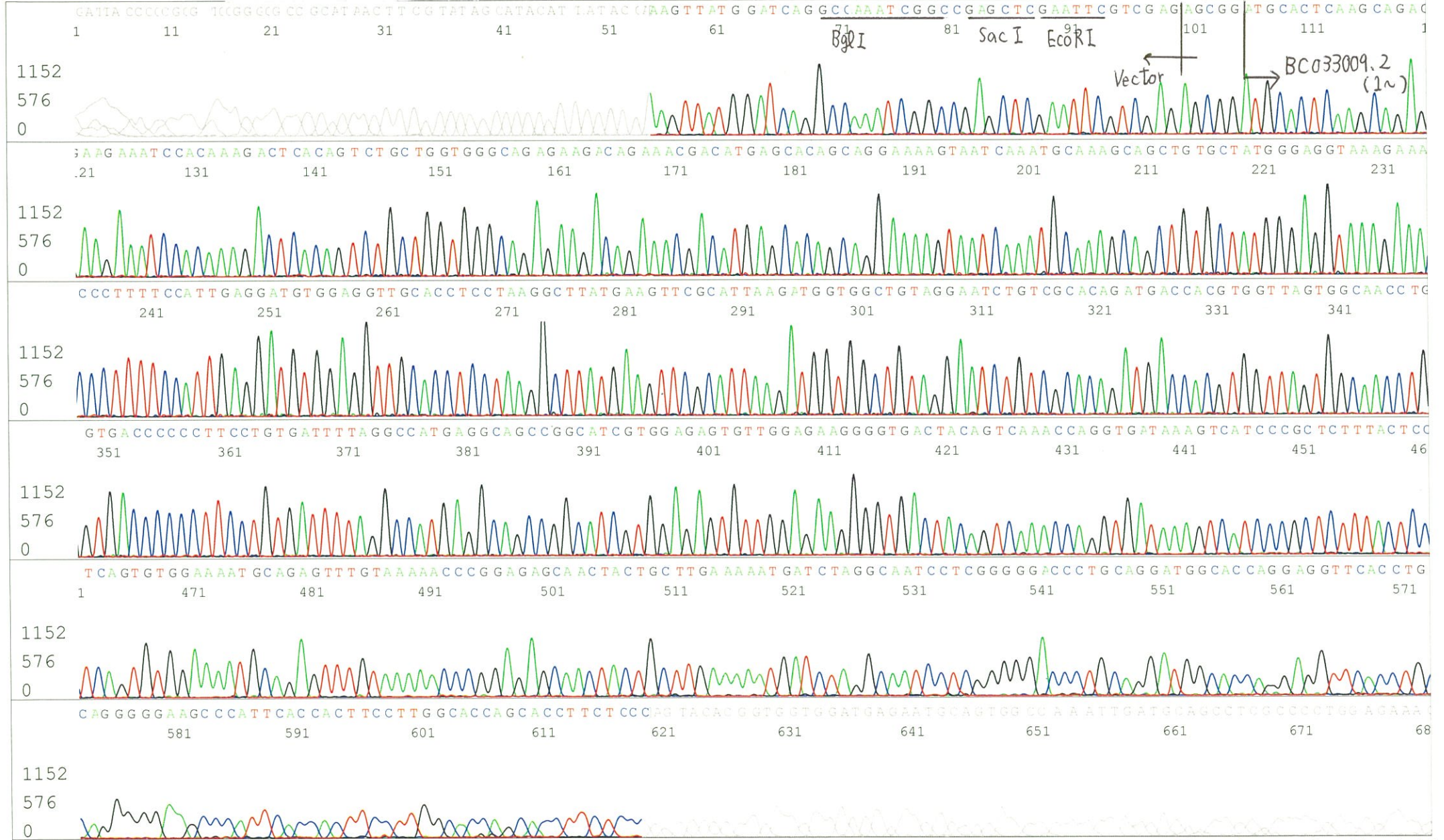
APPROVED BY : <http://dna.brc.riken.jp/index.html>

S/N G:21 A:25 T:21 C:31  
KB.bcp  
KB 1.4.1.8 Cap:7

Primer A : T7  
5' TAATACGACTCACTATAGGG 3'

IRAK034D14\_A8Jc\_T7\_G01\_07\_ABI08  
IRAK034D14\_A8Jc\_T7  
KB\_3500\_POP7\_BDTv3.mob  
Pts 1747 to 8704 Pk1 Loc:1715  
Version 6.0 HiSQV Bases: 683

Inst Model/Name 3500/3500 Instrument  
Oct 18,2018 09:52AM, JST  
Oct 18,2018 10:22AM, JST  
Spacing:11.05 Pts/Panel1350  
Plate Name: 20181018\_GNP  
Gray line indicates quality value  
(QV) < 40.



S/N G:7 A:8 T:9 C:9

Primer B : Reverse2

IRAK034D14\_A8Jc\_Reverse2

Oct 18,2018 09:52AM, JST

KB.bcp

KB\_3500\_POP7\_BDTV3.mob

Oct 18,2018 10:22AM, JST

KB 1.4.1.8 Cap:8

5' GCGGATAACAATTTTCACACAGG 3'

Pts 1746 to 8704 Pk1 Loc:1714

Gray line indicates quality value (QV) < 40.

Spacing:11.18 Pts/Panel1350

Plate Name: 20181018\_GNP

