

RIKEN Clone ID : IRAL041H21

Lot#: 7566_A3Gb

Vector : pDNR-LIB

Gene	BIRC5	
Accession No.	BC034148.1	1643 bp
	<i>GDS</i>	429 bp
		1..1643
		45..473

● Plasmid DNA purification

Date : 130717

Culture : LB (25 ug/ml Chloramphenicol) 10 ml -> at 37 deg C over night

Date : 130718

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 130718

DNA concentration (O.D.): 141 ng/ul

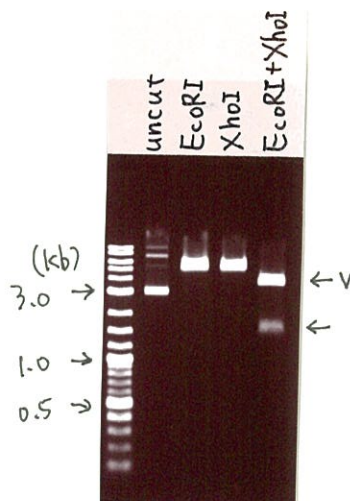
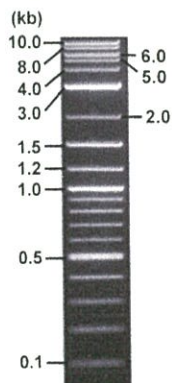
< Size of fragment expected from IRAL041H21 >

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	5595	bp
XhoI	5595	bp
EcoRI + XhoI	3919bp (Vector)	1676 bp

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 130719

Primer A	T7 long
Primer B	M13 Reverse
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Adjustment of DNA concentration

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/ul

Date : 130722

DNA (<u>141</u> ng/ul)	82.0	ul
10x TE	46.2	ul
dH ₂ O	334.3	ul
Total	462.5	ul



APPROVED BY :

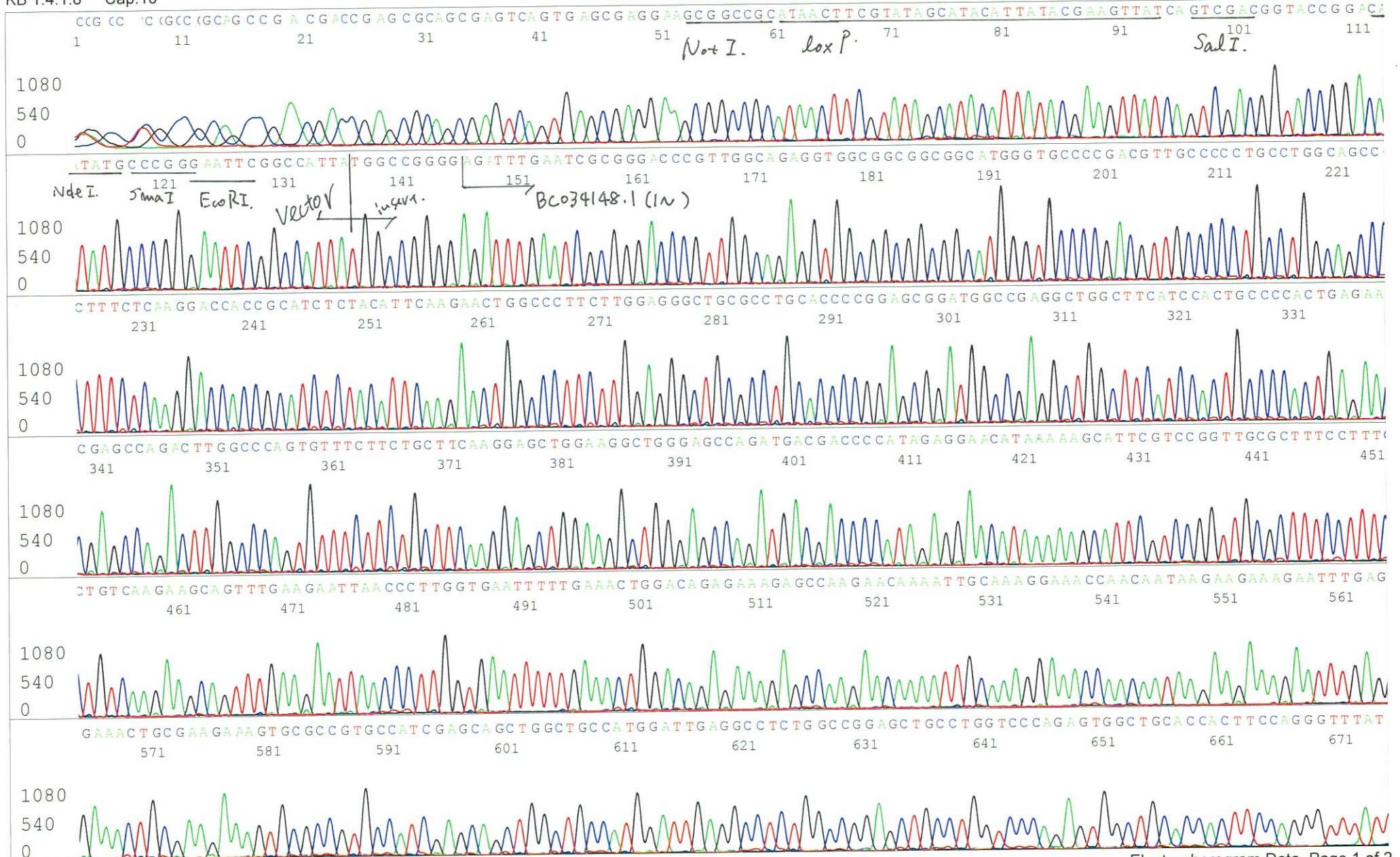
<http://dna.brc.riken.jp/index.html>

S/N G:291 A:147 T:124 C:- Primer A: T7 long

KB.bcp

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

KB 1.4.1.8 Cap:10



S/N G:291 A:147 T:124 C:156
KB.bcp
KB 1.4.1.8 Cap:10



S/N G:199 A:151 T:139 C:1 Primer B : M13

IRAL041H21_A3Gb_M13reverse

Jul 19,2013 12:52PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Jul 19,2013 01:19PM, JST

KB 1.4.1.8 Cap:13

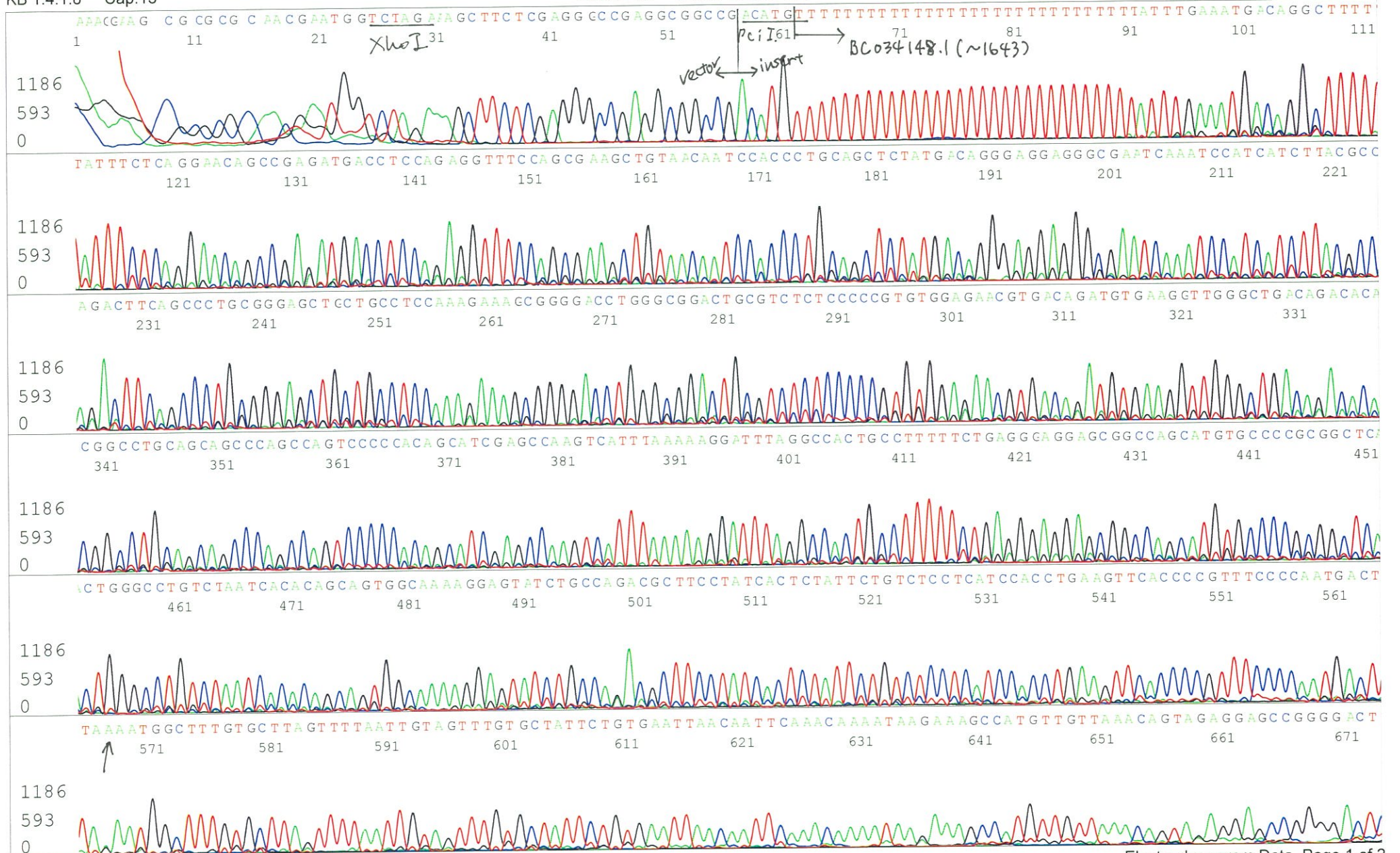
5' GTTTTCCCAGTCACGACGTTGTA 3'

Pts 1287 to 12855 Pk1 Loc:1264

Spacing:11.47 Pts/Panel1350

Version 5.4 HiSQV Bases: 950

Plate Name: 20130719_mix



S/N G:199 A:151 T:139 C:136

KB.bcp

KB 1.4.1.8 Cap:13

