

RIKEN clone ID: IRAL047N01

Vector : pOTB7

Gene	EPHB4	
Accession No.	BC052804.1	4046 bp
	<i>CDS</i>	2964 bp
		1..4046
		169..3132

● Plasmid DNA purification

Date : 111124 Culture : LB (25 ug/ml Chloramphenicol) 10ml →37°C O/N

Date : 111125 Purification : QIAGEN Miniprep kit →dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

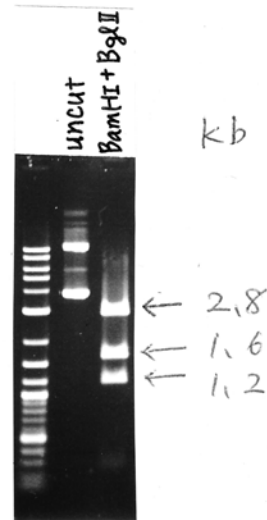
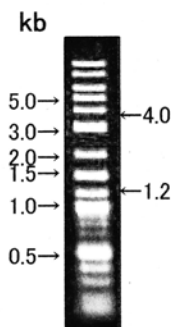
Date : 111125

DNA concentration (O.D.): 292 ng/ul

DNA	0.5 ul
Enzyme (BamHI+Bgl II)	0.5+0.5 ul
Buffer H	1 ul
dH ₂ O	7.5 ul
Total	10 ul

Electrophoresis: 1% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern from BC052804.1>

1615, 2847, 1150, 235 bp

● Adjust plasmid DNA solution to 25 ng/ul ~preparation for shipping~

Date : 111202 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

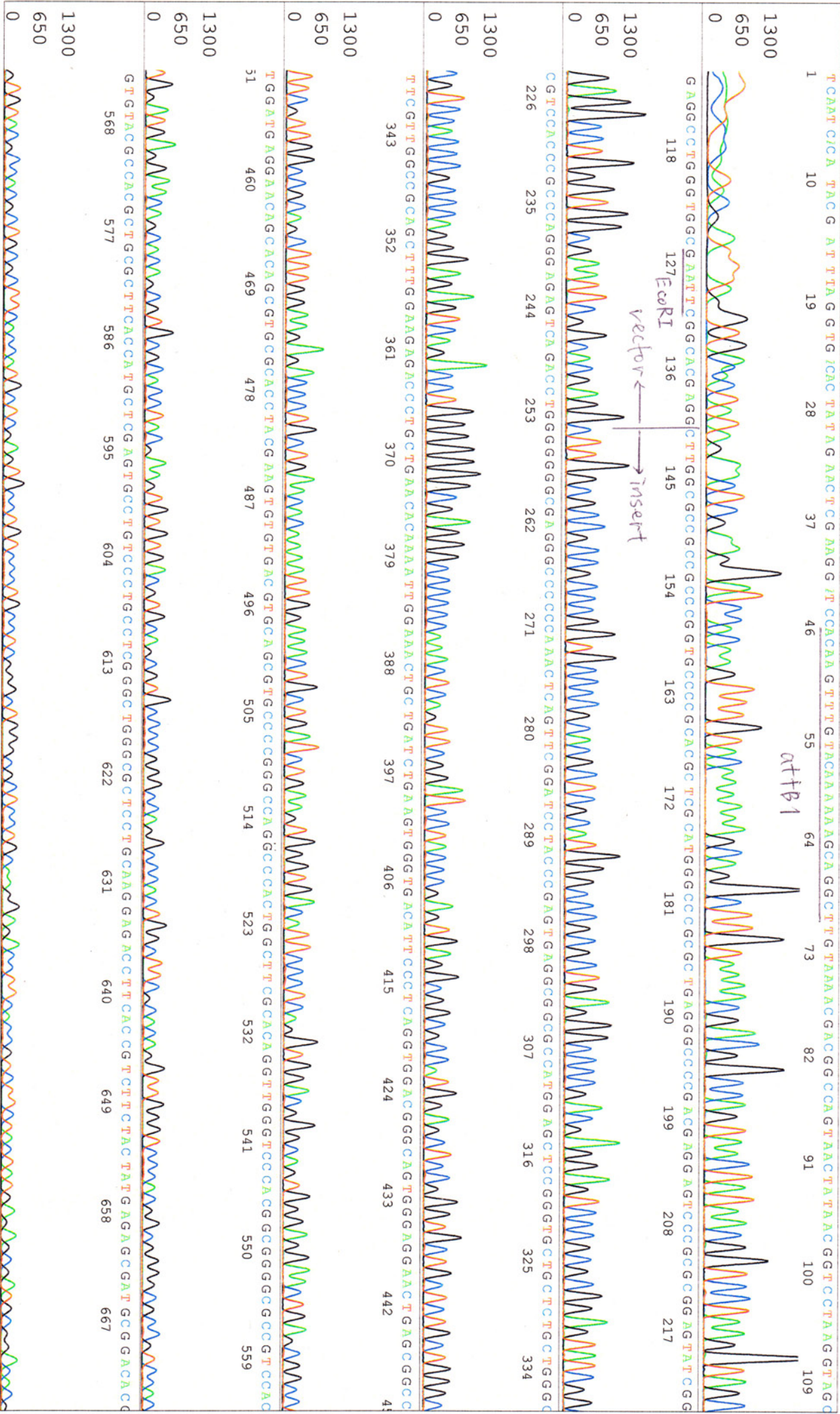
DNA (<u>292</u> ng/ul)	85 ul
10 × TE	99.3 ul
dH ₂ O	808.5 ul
Total	992.8 ul

S/N G:1408 A:943 T:684 C:1008

KB.bcp

IRAL047N01_pOTB7_F_C06_09
IRAL047N01_pOTB7_F
KB_3500_POP7_BDTV3.mob
Pis 1469 to 12772 Pk1 Loc:1446
Version 5.4 HISQV Bases: 953

Inst Model/Name 3500/3500 Instrument
Nov 30,2001 10:04AM, JST
Nov 30,2001 10:30AM, JST
Spacing:11.38 Pts/Panel1350
Plate Name: 20111130_kitaku-GNP-biomass



S/N G:1584 A:1720 T:1155 C:1455
KB bcp
KB 1.4.1.8 Cap:12

IRAL047N01_pOTB7_R_D06_12
IRAL047N01_pOTB7_R
KB_3500_POP7_BDTv3.mob
Pis 1457 to 12617 Pk1 Loc:1434
Version 5.4 HSOV Bases: 915

Inst Model/Name 3500/3500 Instrument
Nov 30,2001 10:04AM, JST
Nov 30,2001 10:30AM, JST
Spacing:11.5 Pts/Panel1350
Plate Name: 20111130_kitaku-GNP-biomass

