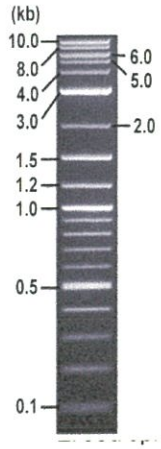
Gene Engineering Division
RIKEN BioResource Center

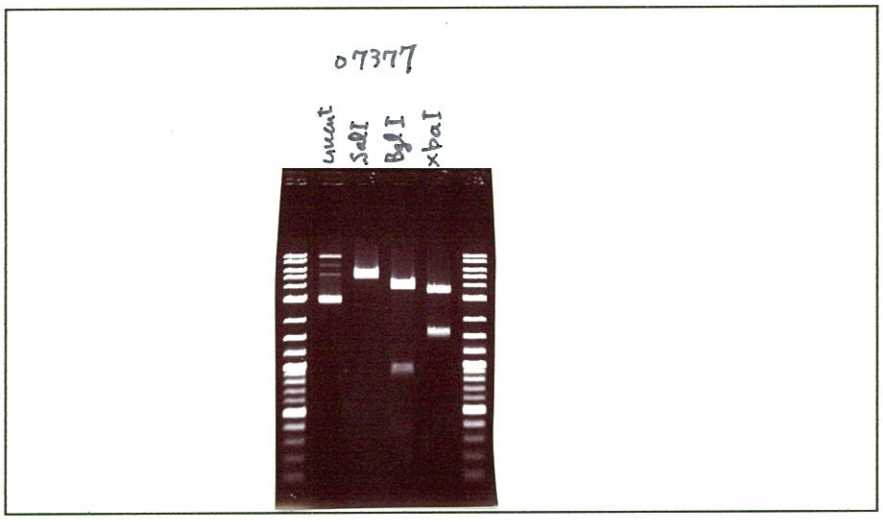
RIKEN DNA BANK clone name : pGL4-phNOS2

- Clone ID : RDB _ 07377
- Lot : 12747 _ A4D2
- DNA Concentration : 25 nanogram/microliter
- Volume : 1 microgram
- Form : DNA solution in TE buffer
- Host : DH5 α
- Culture : LB medium
- Antibiotics : 100 microgram/ml Ampicillin
- Purification : QIAGEN QIAprep Spin Miniprep kit

- Digestion by restriction enzyme

2-Log DNA Ladder (NEB#N3200L), 125 ng/well





Electrophoresis : 48 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
SalI	:	5.6	kbp
BglI	:	4.2, 1.0, 0.4	kbp
XbaI	:	3.8, 1.7	kbp
	:		kbp
	:		kbp

- Confirmation of the insertion sequence

Sequence name	Primer name
Sequence - A	pGL4-4174F
Sequence - B	pGL4-136R
Sequence - C	-
Sequence - D	-

APPROVED BY :

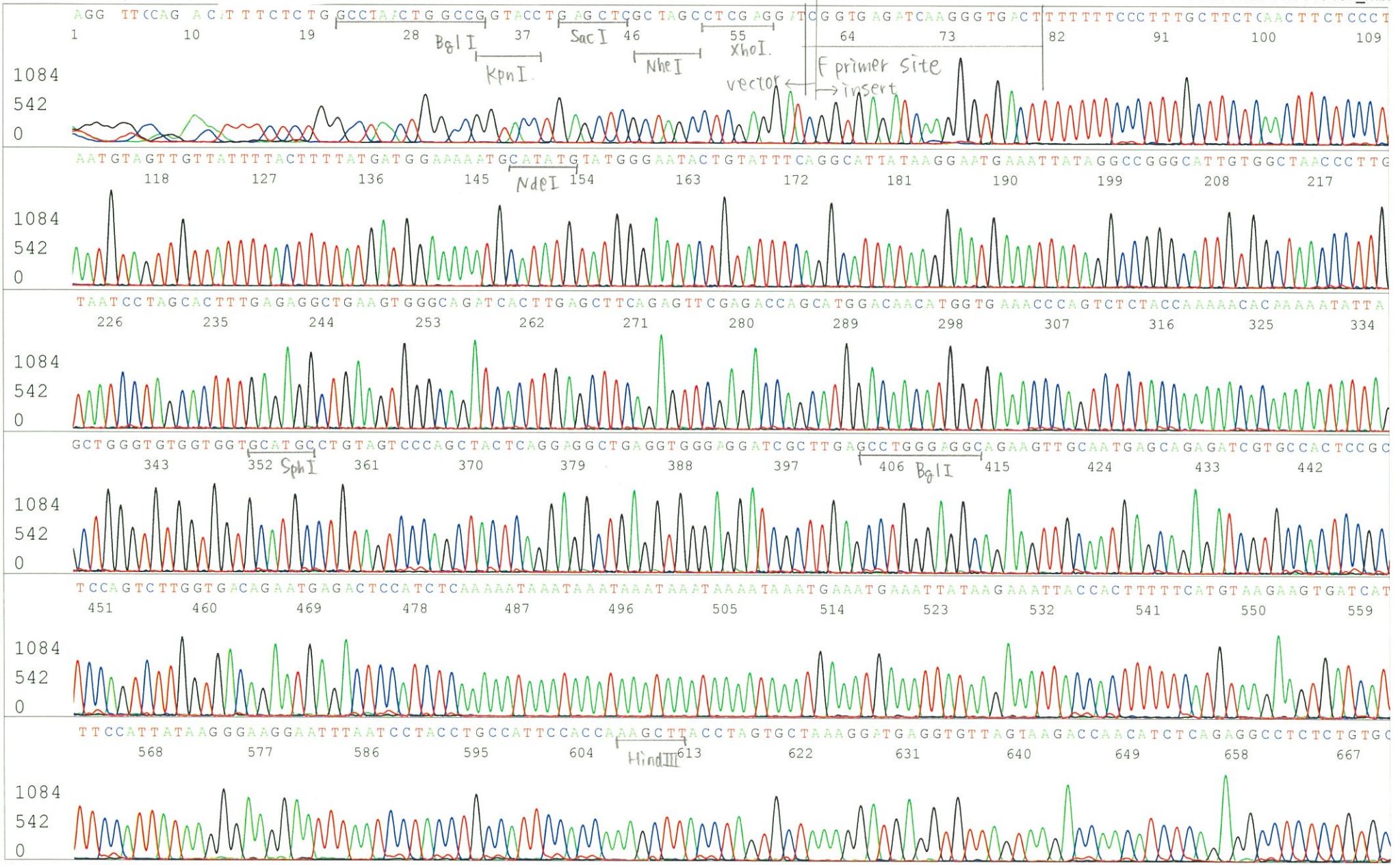
Applied Biosystems

S/N G:98 A:150 T:131 C:118
KB.bcp
KB 1.4.1.8 Cap:23

primer name A : pGL4-4174F
5'-TAGCAAAATAGGCTGTCCCC-3'

07377_12747_A4D2_pGL4-4174F_H11_23
07377_12747_A4D2_pGL4-4174F
KB_3500_POP7_BDTv3.mob
Pts 1384 to 12882 Pk1 Loc:1361
Version 5.4 HiSQV Bases: 981

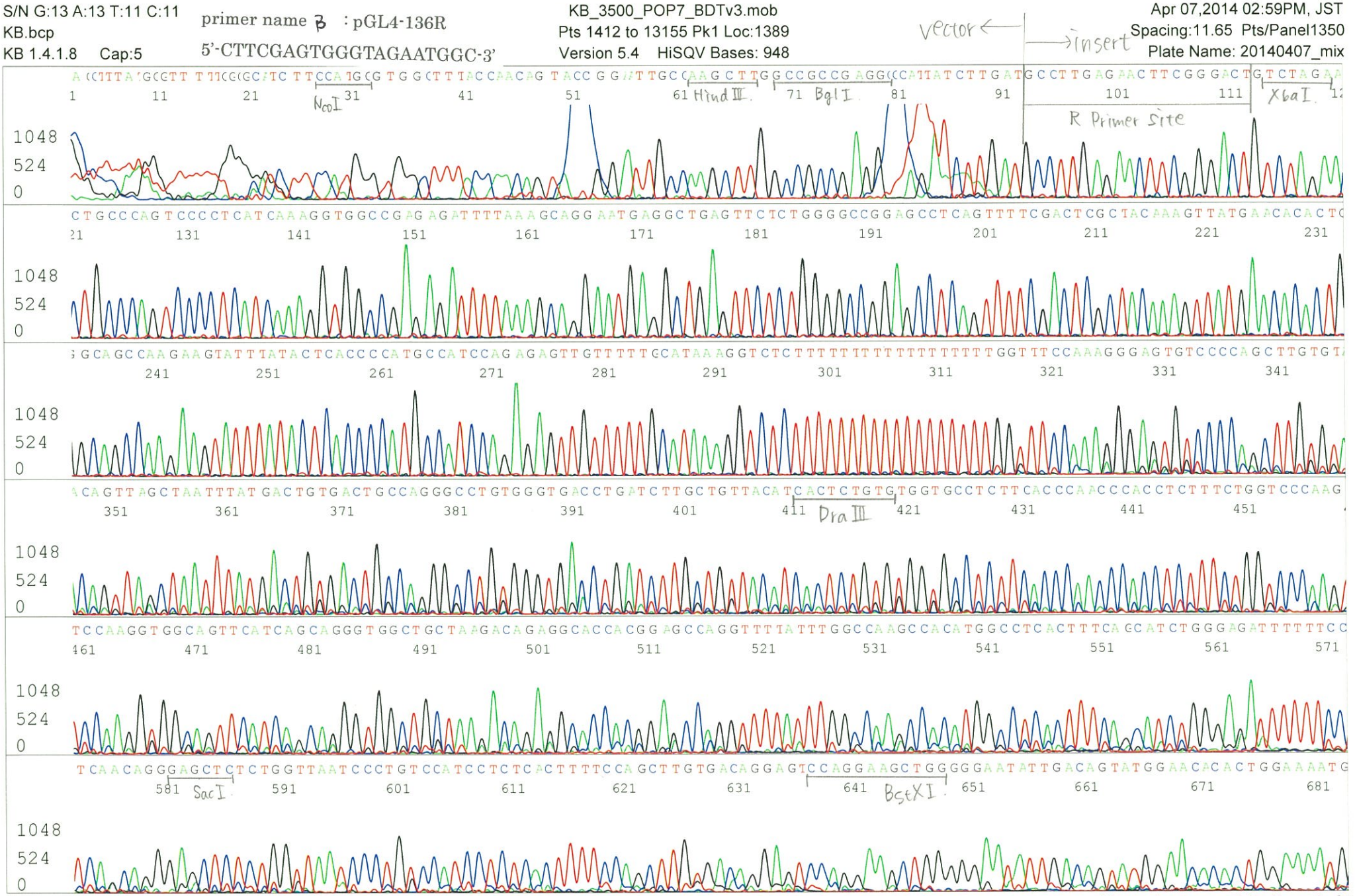
Inst Model/Name 3500/3500 Instrument
Apr 07,2014 02:32PM, JST
Apr 07,2014 02:59PM, JST
Spacing:11.52 Pts/Panel1350
Plate Name: 20140407_mix



Applied Biosystems

S/N G:13 A:13 T:11 C:11
KB.bcp
KB 1.4.1.8 Cap:5

primer name ꝺ : pGL4-136R
5'-CTTCGAGTGGGTAGAATGGC-3'

07377_12747_A4D2_pGL4-136R_B11_05
07377_12747_A4D2_pGL4-136R
KB_3500_POP7_BDTv3.mob
Pts 1412 to 13155 Pk1 Loc:1389
Version 5.4 HiSQV Bases: 948

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