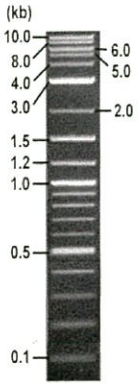
Gene Engineering Division
RIKEN BioResource Center

RIKEN DNA BANK

clone name : pGL4-phHSPB1

- Clone ID : RDB _ 07530
- Lot : 07530 _ A5Dn
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : DH5 alpha
- 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



Erectrophoresis : 42 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
XhoI	:	5.7	kbp
BglI	:	4.2, 1.5	kbp
PstI	:	3.5, 2.2	kbp
	:		kbp
	:		kbp

- Confirmation of the insertion sequence

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

APPROVED BY :

確認
15.4.30
金藤

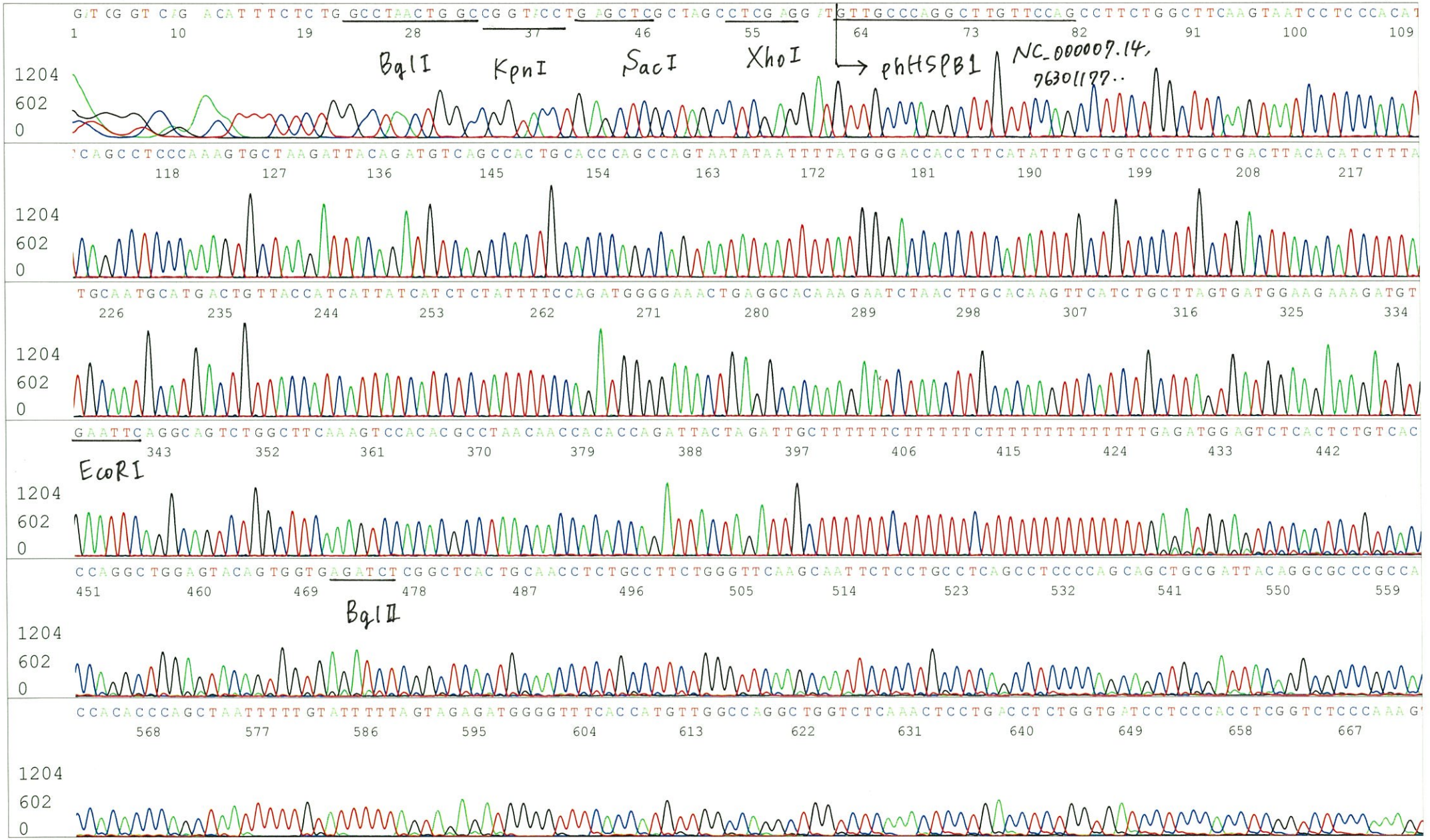
Applied Biosystems

S/N G:757 A:863 T:616 C:721
KB.bcp
KB 1.4.1.8 Cap:8

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

07530_07530_A5Dn_pGL4-4174F_C11_08
07530_07530_A5Dn_pGL4-4174F
KB_3500_POP7_BDTv3.mob
Pts 1395 to 13023 Pk1 Loc:1372
Version 6.0 HiSQV Bases: 1013

Inst Model/Name 3500/3500 Instrument
Apr 30,2015 09:38AM, JST
Apr 30,2015 10:04AM, JST
Spacing:11.34 Pts/Panel1350
Plate Name: 20150430_bank

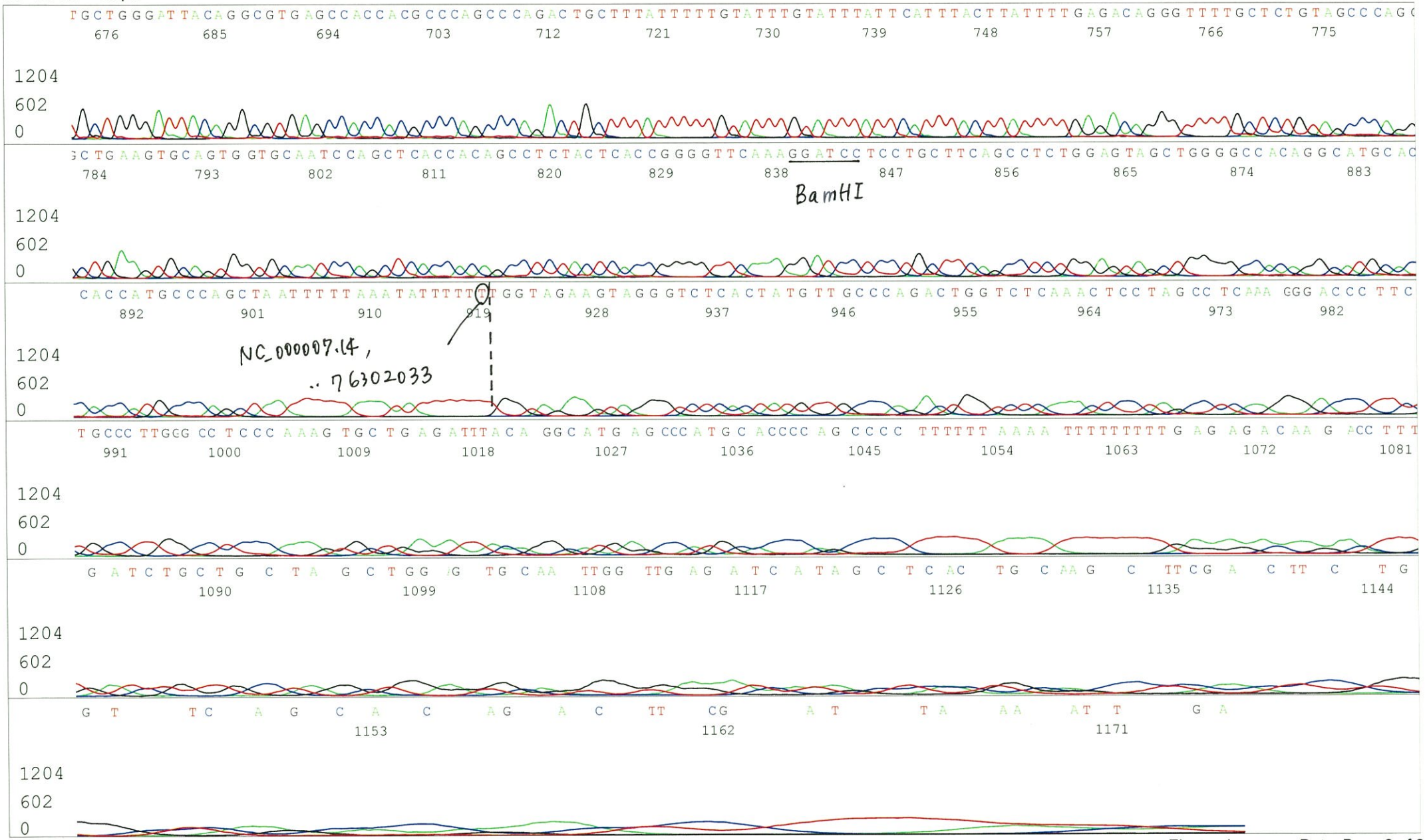


Applied Biosystems

S/N G:757 A:863 T:616 C:721
KB.bcp
KB 1.4.1.8 Cap:8

07530_07530_A5Dn_pGL4-4174F_C11_08
07530_07530_A5Dn_pGL4-4174F
KB_3500_POP7_BDTv3.mob
Pts 1395 to 13023 Pk1 Loc:1372
Version 6.0 HiSQV Bases: 1013

Inst Model/Name 3500/3500 Instrument
Apr 30,2015 09:38AM, JST
Apr 30,2015 10:04AM, JST
Spacing:11.34 Pts/Panel1350
Plate Name: 20150430_bank



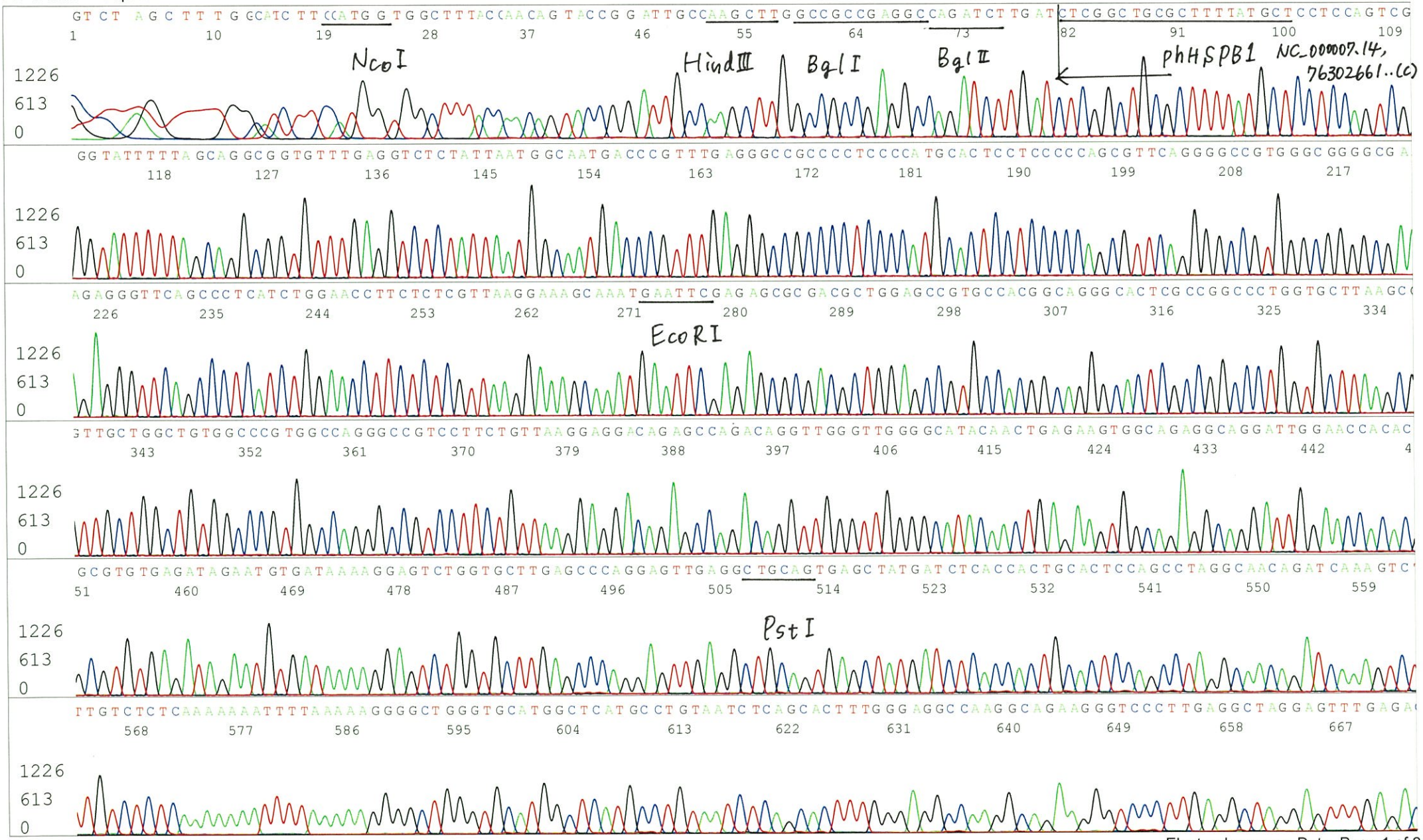
Applied Biosystems

S/N G:1304 A:971 T:650 C:822
KB.bcp
KB 1.4.1.8 Cap:11

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

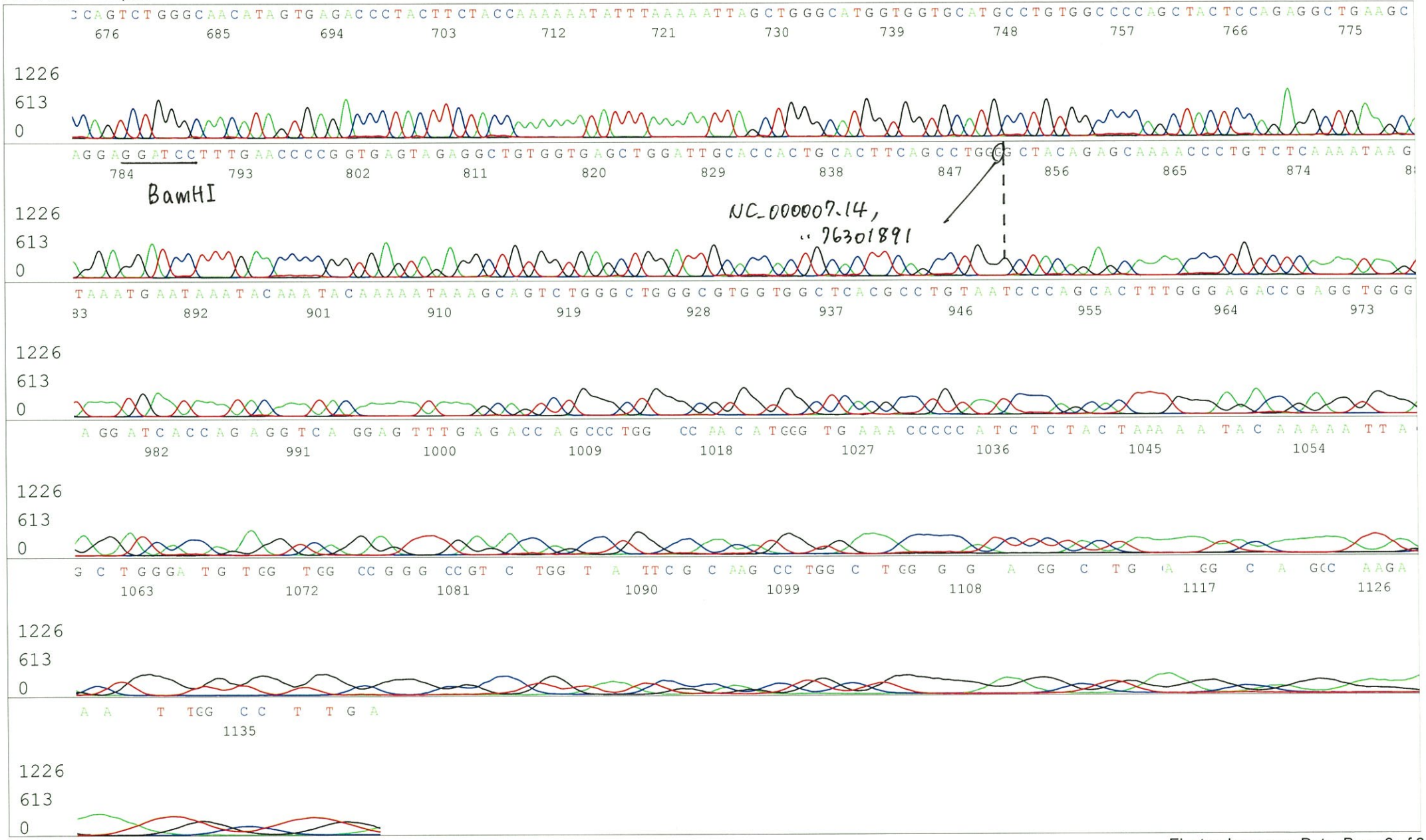
07530_07530_A5Dn_pGL4-136R_D11_11
07530_07530_A5Dn_pGL4-136R
KB_3500_POP7_BDTv3.mob
Pts 1403 to 12746 Pk1 Loc:1380
Version 6.0 HiSQV Bases: 1002

Inst Model/Name 3500/3500 Instrument
Apr 30,2015 09:38AM, JST
Apr 30,2015 10:04AM, JST
Spacing:11.39 Pts/Panel1350
Plate Name: 20150430_bank



Applied Biosystems

S/N G:1304 A:971 T:650 C:822
KB.bcp
KB 1.4.1.8 Cap:11

07530_07530_A5Dn_pGL4-136R_D11_11
07530_07530_A5Dn_pGL4-136R
KB_3500_POP7_BDTv3.mob
Pts 1403 to 12746 Pk1 Loc:1380
Version 6.0 HiSQV Bases: 1002

Inst Model/Name 3500/3500 Instrument
Apr 30,2015 09:38AM, JST
Apr 30,2015 10:04AM, JST
Spacing:11.39 Pts/Panel1350
Plate Name: 20150430_bank