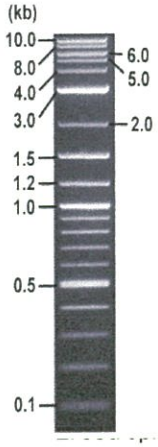
Gene Engineering Division
RIKEN BioResource Center

RIKEN DNA BANK

clone name : pGL4-phMMP2

- Clone ID : RDB _ 07314
- Lot : 12746 _ A4D2
- DNA Concentration : 25 nanogram/microliter
- Volume : 1 microgram
- Form : DNA solution in TE buffer
- Host : DH5α
- 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 : 46 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
SalI	:	5.4	kbp
BglI	:	4.2, 0.8, 0.3, 0.1	kbp
BstXI	:	4.0, 1.4	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 :

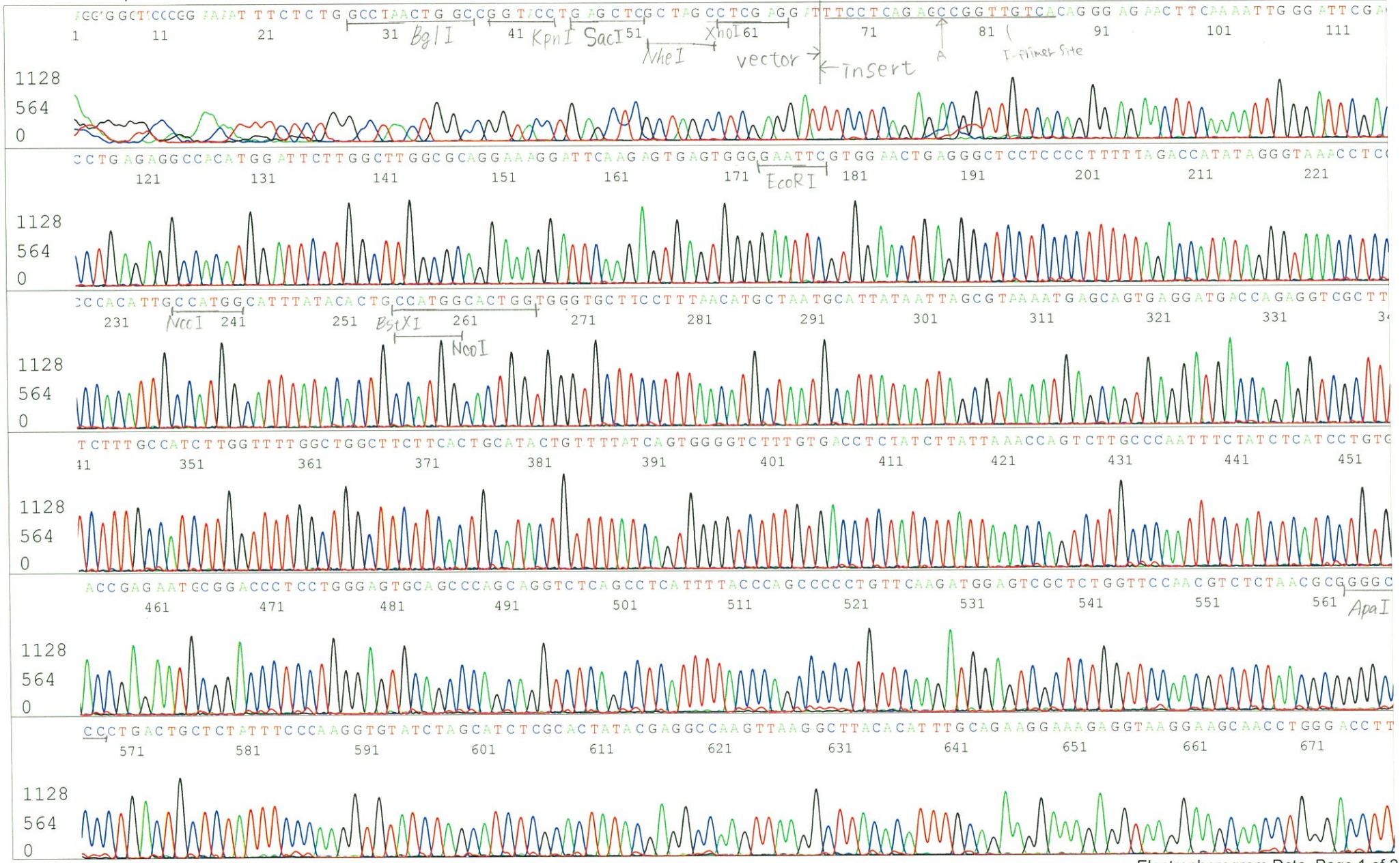
Applied Biosystems

S/N G:42 A:37 T:35 C:34
KB.bcp
KB 1.4.1.8 Cap:2

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

07314_12746_A4D2_pGL4-4174F_A11_02
07314_12746_A4D2_pGL4-4174F
KB_3500_POP7_BDTv3.mob
Pts 1465 to 13041 Pk1 Loc:1442
Version 5.4 HiSQV Bases: 1006

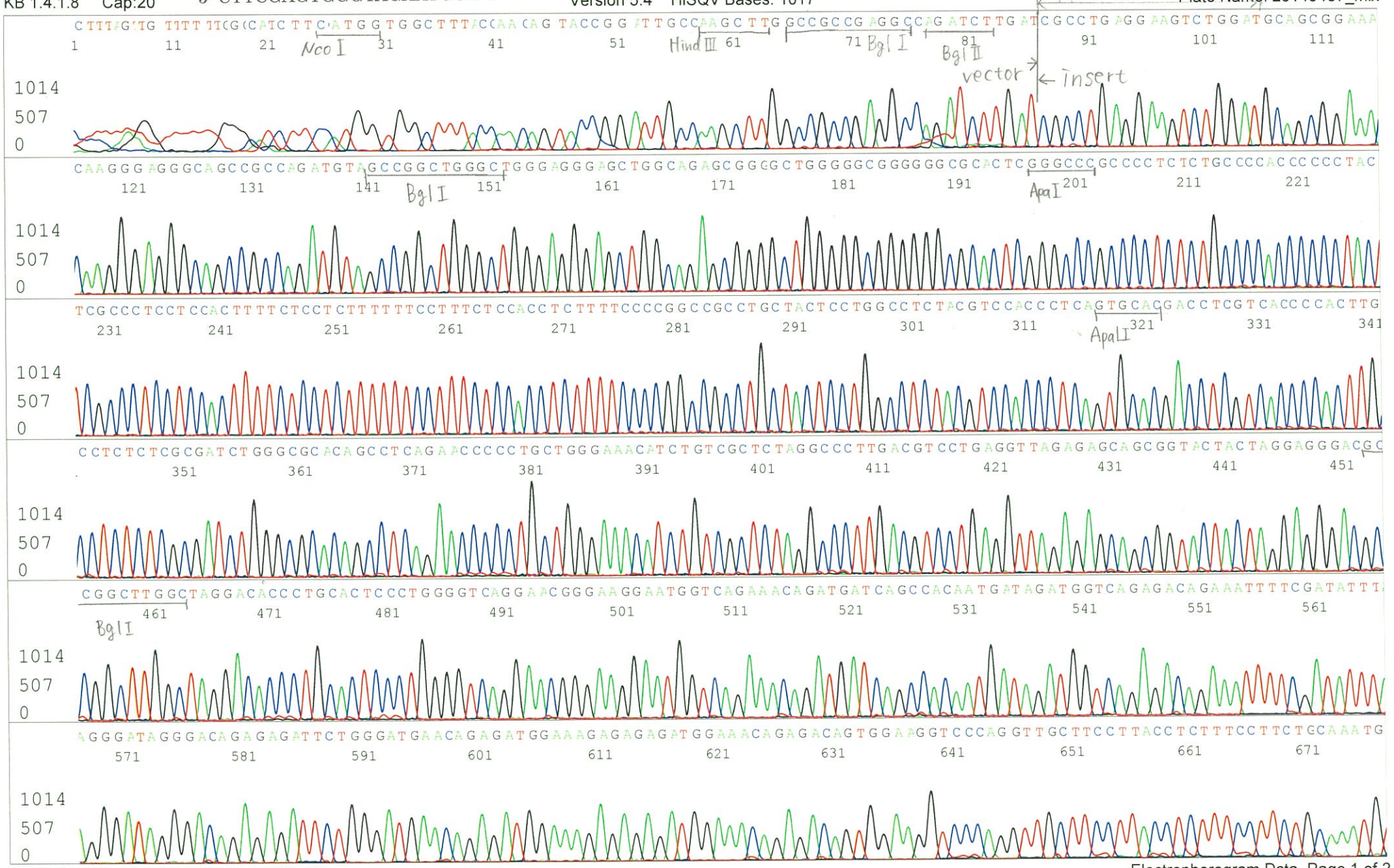
Inst Model/Name 3500/3500 Instrument
Apr 07,2014 02:32PM, JST
Apr 07,2014 02:59PM, JST
Spacing:11.58 Pts/Panel1350
Plate Name: 20140407_mix



Applied Biosystems

S/N G:43 A:50 T:40 C:53
KB.bcp
KB 1.4.1.8 Cap:20

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

07314_12746_A4D2_pGL4-136R_G11_20
07314_12746_A4D2_pGL4-136R
KB_3500_POP7_BDTv3.mob
Pts 1396 to 13018 Pk1 Loc:1373
Version 5.4 HiSQV Bases: 1017

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