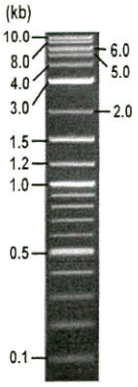
Gene Engineering Division
RIKEN BioResource Center

RIKEN DNA BANK

clone name : pDUAL-GFH1c

- Clone ID : RDB _ 06145
- Lot : 12163 _ A3H8
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : Survival2
- Culture : LB medium
- Antibiotics : 100 microgram/ml Amp; 33 microgram/ml Cm
- Purification : QIAGEN QIAprep Spin Miniprep kit
- Digestion by restriction enzyme

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



Erectrophoresis : 47 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
XhoI	:	11.6	kbp
SalI	:	10.0, 1.6	kbp
BglII	:	10.0, 1.6	kbp
	:		kbp
	:		kbp

- Confirmation of the insertion sequence

Sequence name	Primer name
Sequence - A	nmt1Fw
Sequence - B	ADH_rev
Sequence - C	-
Sequence - D	-

APPROVED BY : 確認 15.4.2 金藤

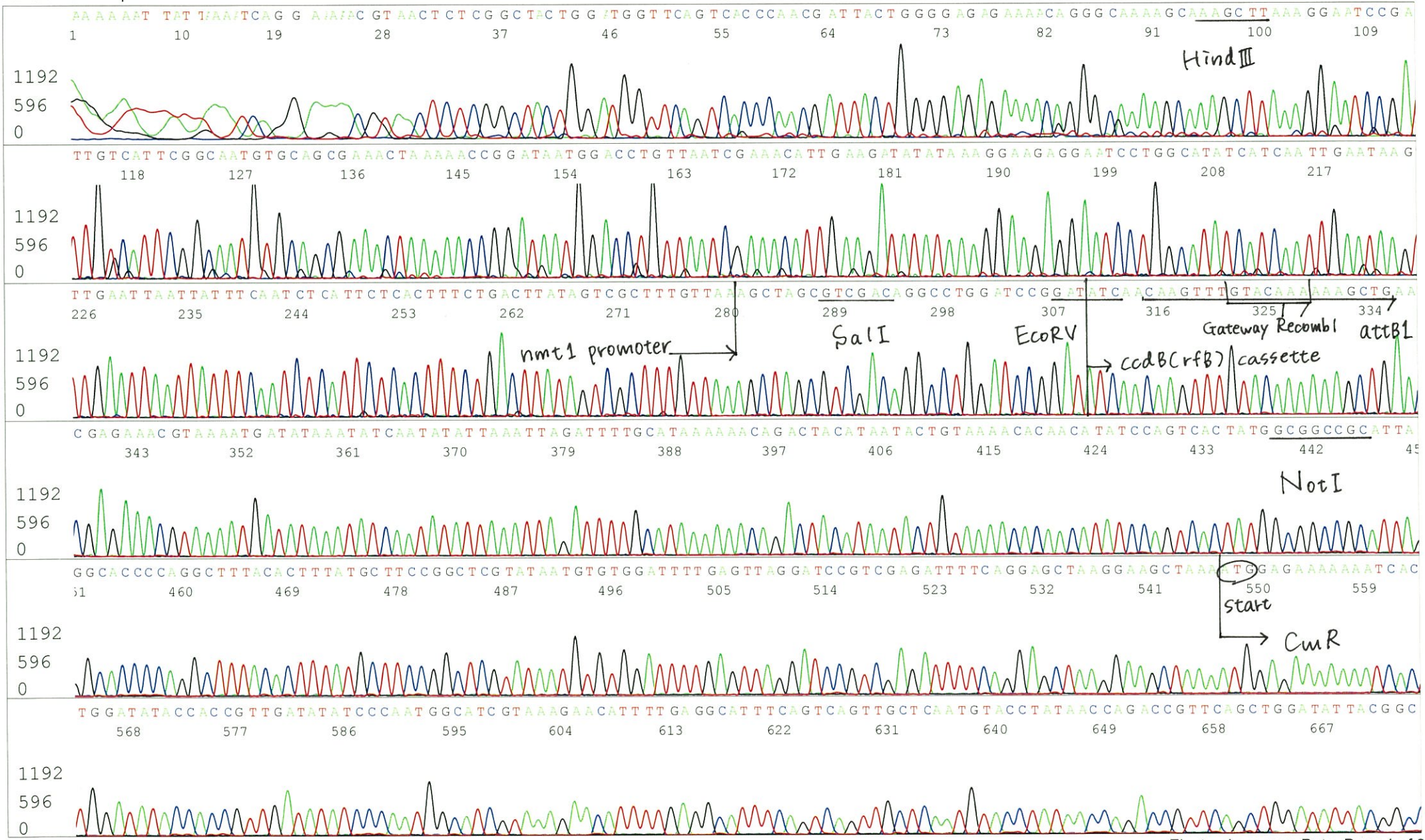
Applied Biosystems

S/N G:228 A:229 T:207 C:134
KB.bcp
KB 1.4.1.8 Cap:3

primer name A : nmt1Fw
5'-GCTGTAAAACACCACGAGAC-3'

06145_12163_A3H8_nmt1Fw_A03_03
06145_12163_A3H8_nmt1Fw
KB_3500_POP7_BDTv3.mob
Pts 1468 to 13482 Pk1 Loc:1445
Version 6.0 HiSQV Bases: 1014

Inst Model/Name 3500/3500 Instrument
Aug 14,2013 11:39AM, JST
Aug 14,2013 12:06PM, JST
Spacing:12.0 Pts/Panel1350
Plate Name: 20130814_DNAbank

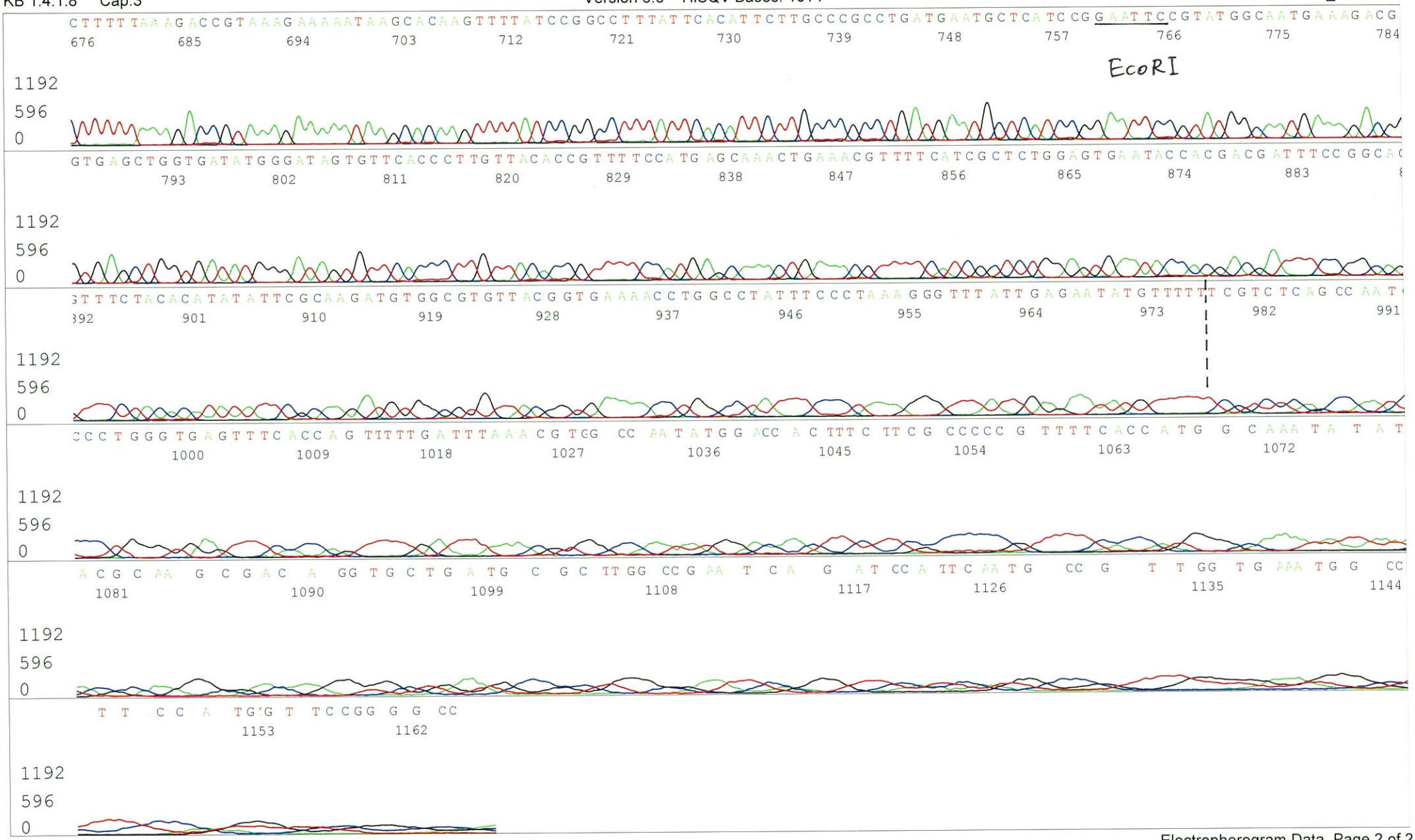


Applied Biosystems

S/N G:228 A:229 T:207 C:134
KB.bcp
KB 1.4.1.8 Cap:3

06145_12163_A3H8_nmt1Fw_A03_03
06145_12163_A3H8_nmt1Fw
KB_3500_POP7_BDTv3.mob
Pts 1468 to 13482 Pk1 Loc:1445
Version 6.0 HiSQV Bases: 1014

Inst Model/Name 3500/3500 Instrument
Aug 14,2013 11:39AM, JST
Aug 14,2013 12:06PM, JST
Spacing:12.0 Pts/Panel1350
Plate Name: 20130814_DNAbank



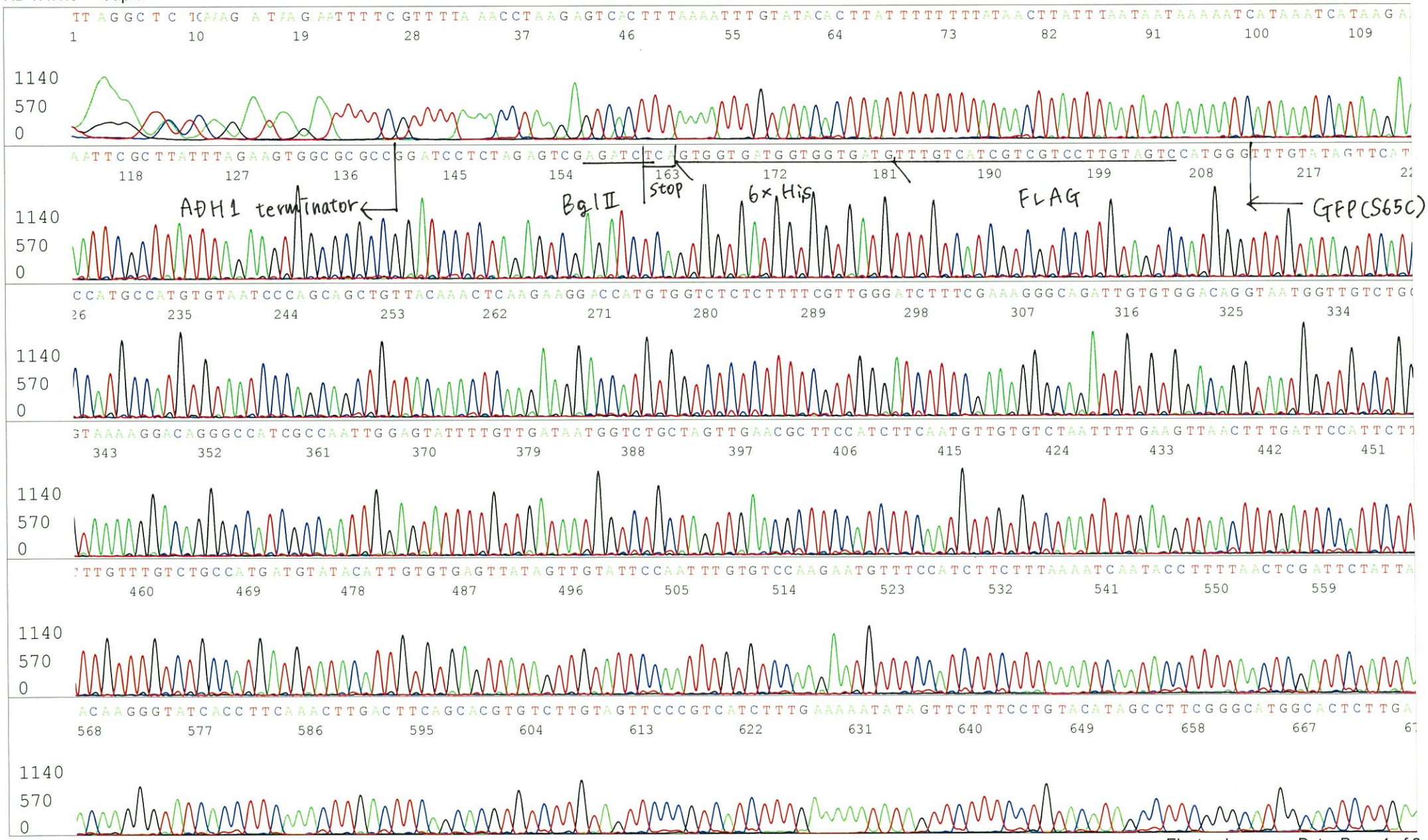
Applied Biosystems

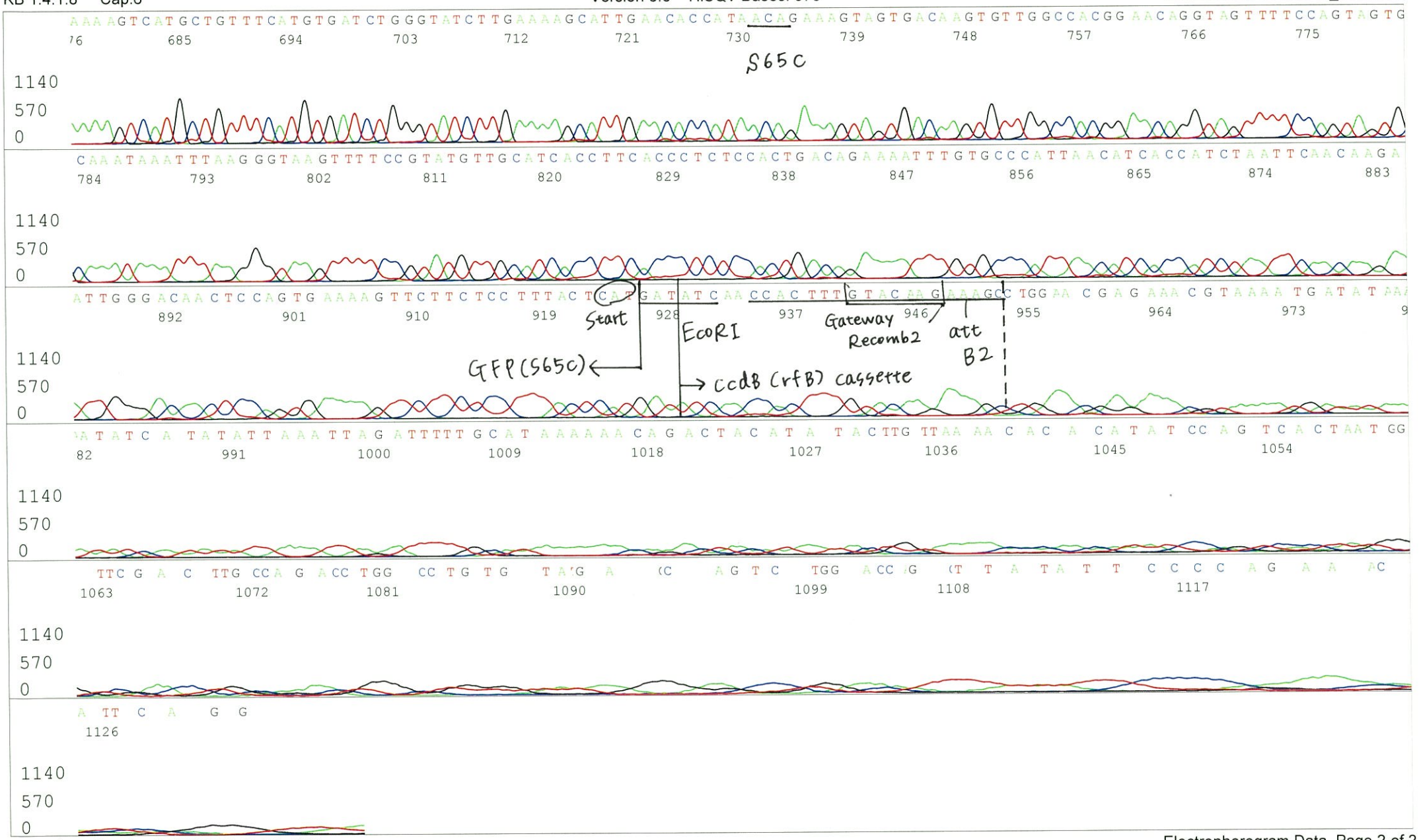
S/N G:342 A:245 T:258 C:158
KB.bcp
KB 1.4.1.8 Cap:6

primer name B : ADH_rev
5'-CTATACCTGAGAAAGCAACCTGAC-3'

06145_12163_A3H8_ADHrev_B03_06
06145_12163_A3H8_ADHrev
KB_3500_POP7_BDTv3.mob
Pts 1474 to 13350 Pk1 Loc:1451
Version 6.0 HiSQV Bases: 976

Inst Model/Name 3500/3500 Instrument
Aug 14,2013 11:39AM, JST
Aug 14,2013 12:06PM, JST
Spacing:12.05 Pts/Panel1350
Plate Name: 20130814_DNAbank




S65C
Start
EcoRI
Gateway
Recomb2
att
B2
GFP(S65C)
ccdB (rfB) cassette