Gene Engineering Division
RIKEN BioResource Center

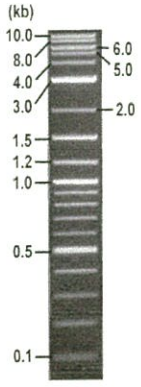
RIKEN DNA BANK

clone name : pEF-T7-Syt X (Syt10)

- Clone ID : RDB _ 14690
- Lot : 14690 _ A7Dd
- 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 : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
SalI	:	7.0	kbp
BamHI	:	5.3, 1.6	kbp
NcoI	:	5.5, 1.4	kbp
	:		kbp
	:		kbp

- Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	EF1a-C_F	Sequence - E	-
Sequence - B	hGCSF-R	Sequence - F	-
Sequence - C	-	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY : 確認 17.11.2 岸川

Applied Biosystems

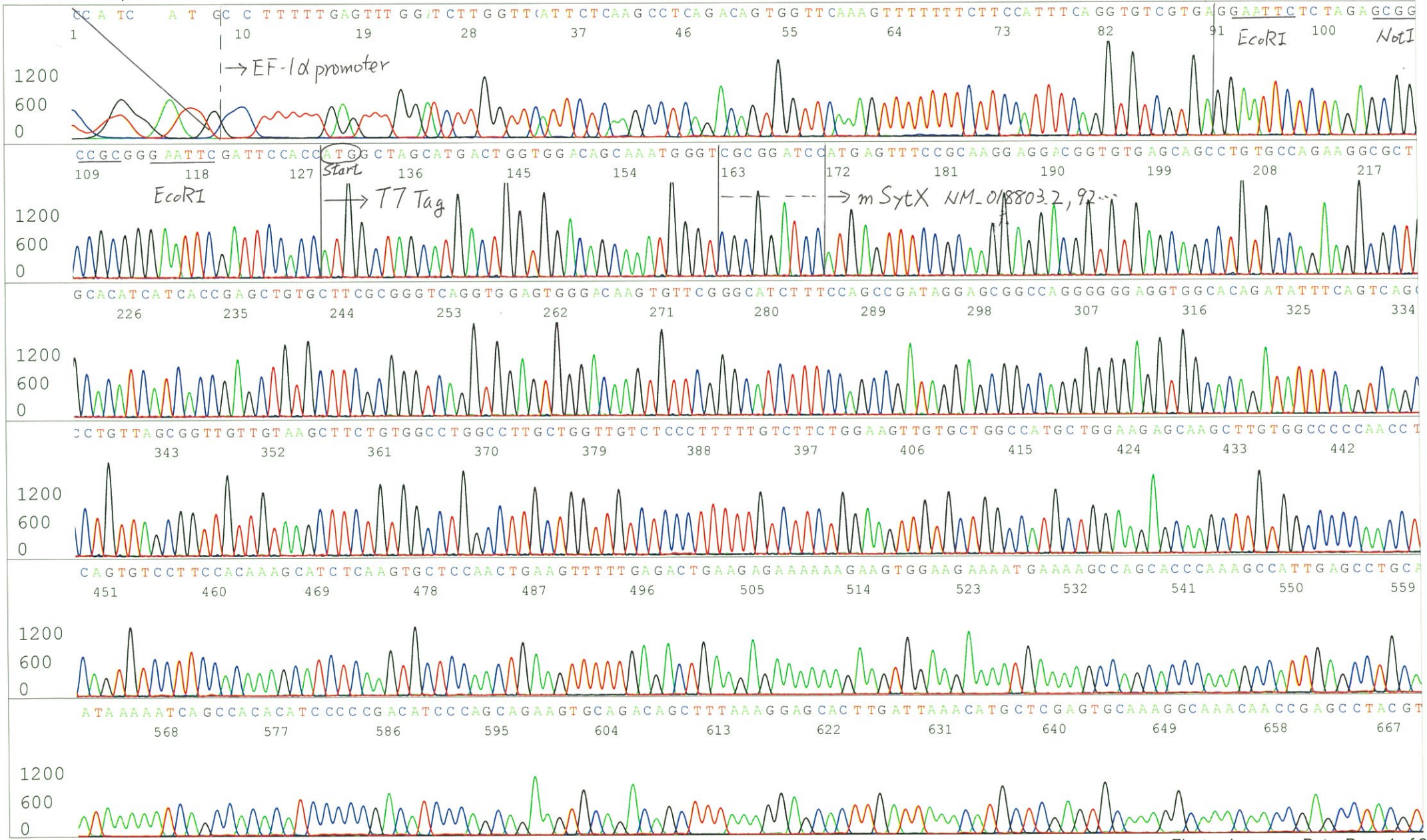
S/N G:390 A:331 T:285 C:348
KB.bcp
KB 1.4.1.8 Cap:24

primer name A : EF1a-C_F

5'-AGTTAGGCCAGCTTGGCACTTGATG-3'

D04472B8_A7Dd_1_EF1a-C_F_H06_24_ABI24
D04472B8_A7Dd_1_EF1a-C_F
KB_3500_POP7_BDTv3.mob
Pts 1583 to 13270 Pk1 Loc:1560
Version 6.0 HiSQV Bases: 965

Inst Model/Name 3500/3500 Instrument
May 17,2017 10:48AM, JST
May 17,2017 11:14AM, JST
Spacing:11.98 Pts/Panel1350
Plate Name: 20170517 kitaku



Applied Biosystems

S/N G:390 A:331 T:285 C:348
KB.bcp
KB 1.4.1.8 Cap:24

D04472B8_A7Dd_1_EF1a-C_F_H06_24_ABI24
D04472B8_A7Dd_1_EF1a-C_F
KB_3500_POP7_BDTv3.mob
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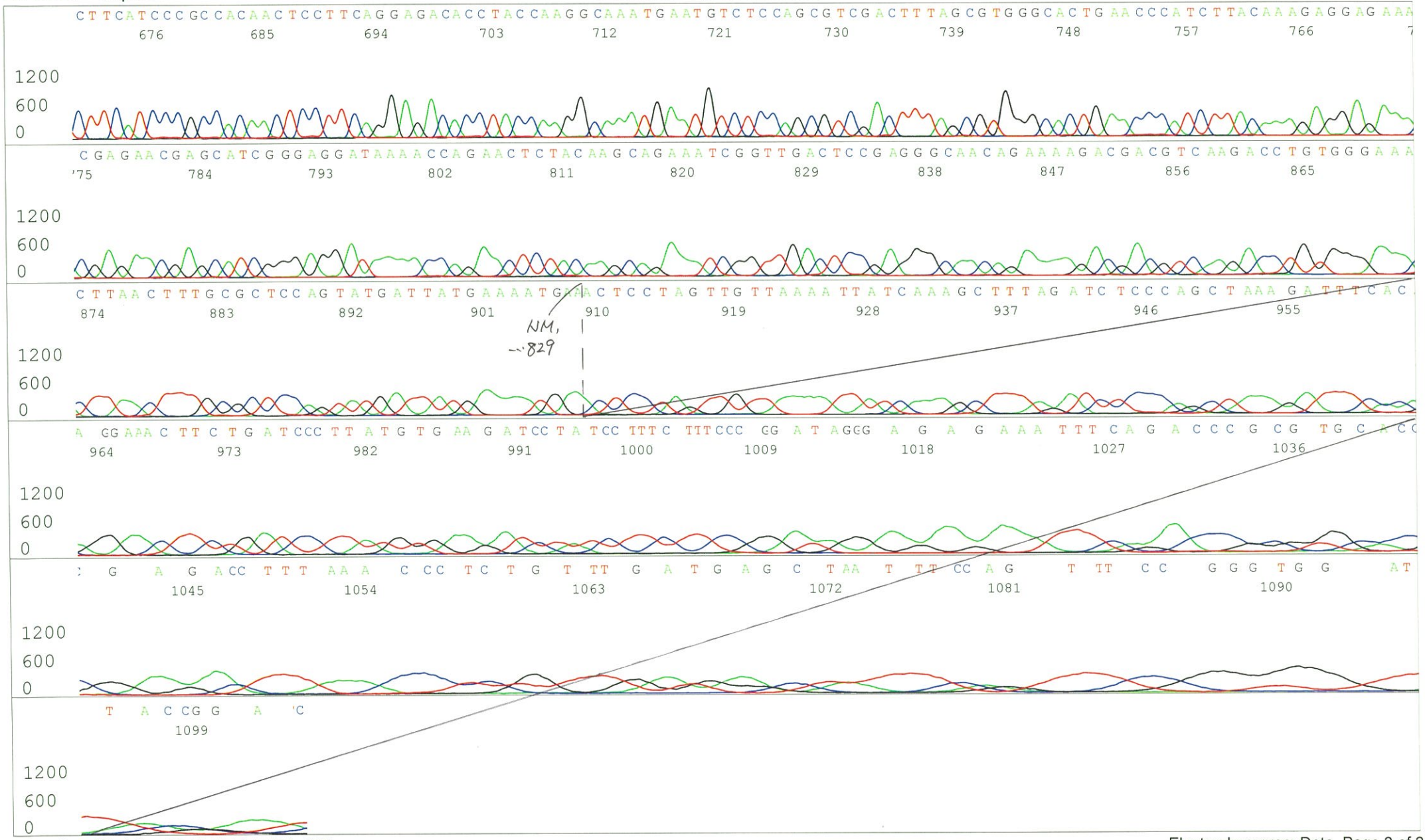


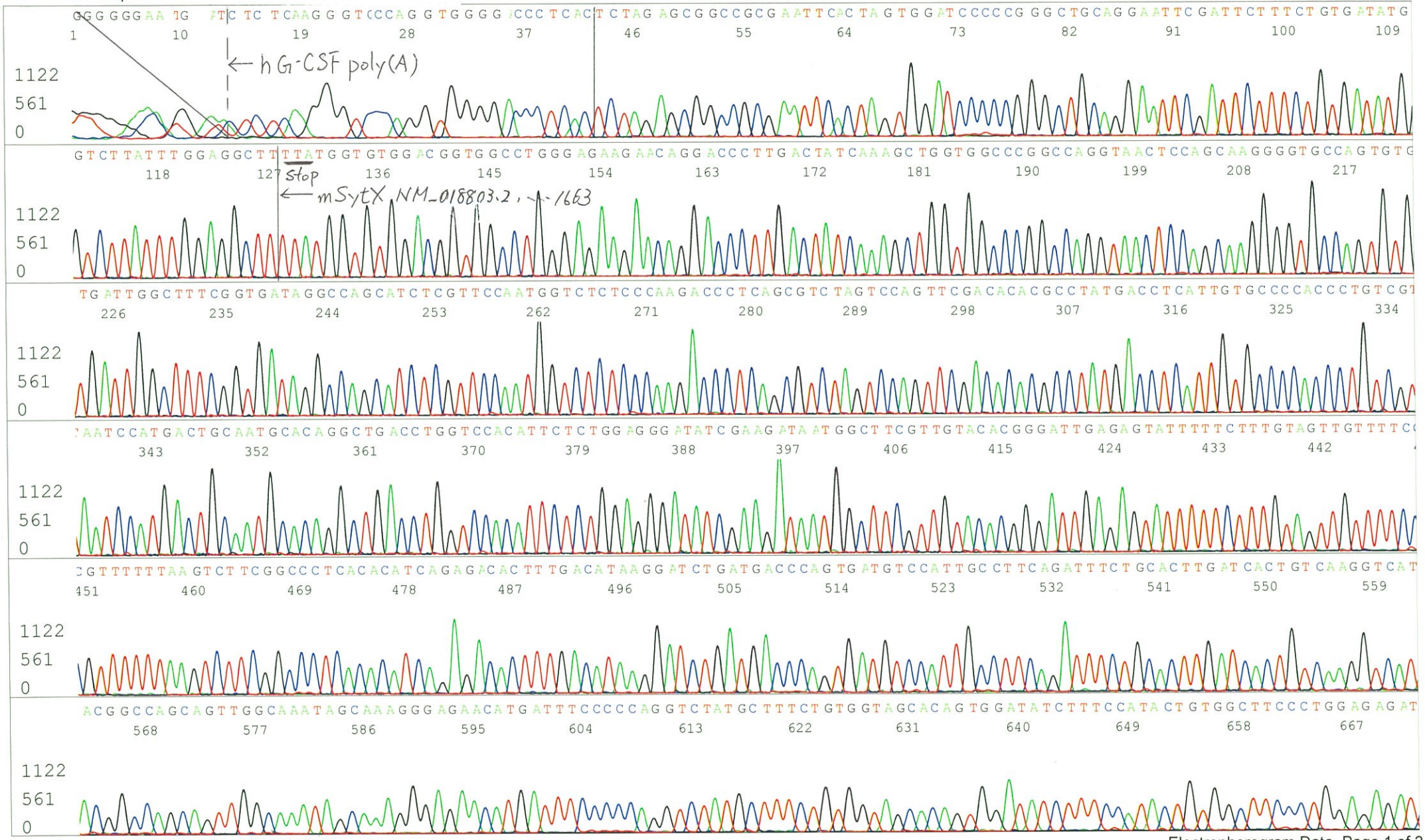
Applied Biosystems

S/N G:74 A:82 T:90 C:78
KB.bcp
KB 1.4.1.8 Cap:22

primer name B : hGCSF_R
5'-TATTAAACAGGGATTTCTTG-3'

D04472B8_A7Dd_1_hGCSF_R_H07_22_ABI24
D04472B8_A7Dd_1_hGCSF_R
KB_3500_POP7_BDTv3.mob
Pts 1556 to 13648 Pk1 Loc:1533
Version 6.0 HiSQV Bases: 976

Inst Model/Name 3500/3500 Instrument
May 17,2017 12:52PM, JST
May 17,2017 01:19PM, JST
Spacing:12.08 Pts/Panel1350
Plate Name: 20170517 kitaku



Applied Biosystems

S/N G:74 A:82 T:90 C:78
KB.bcp
KB 1.4.1.8 Cap:22

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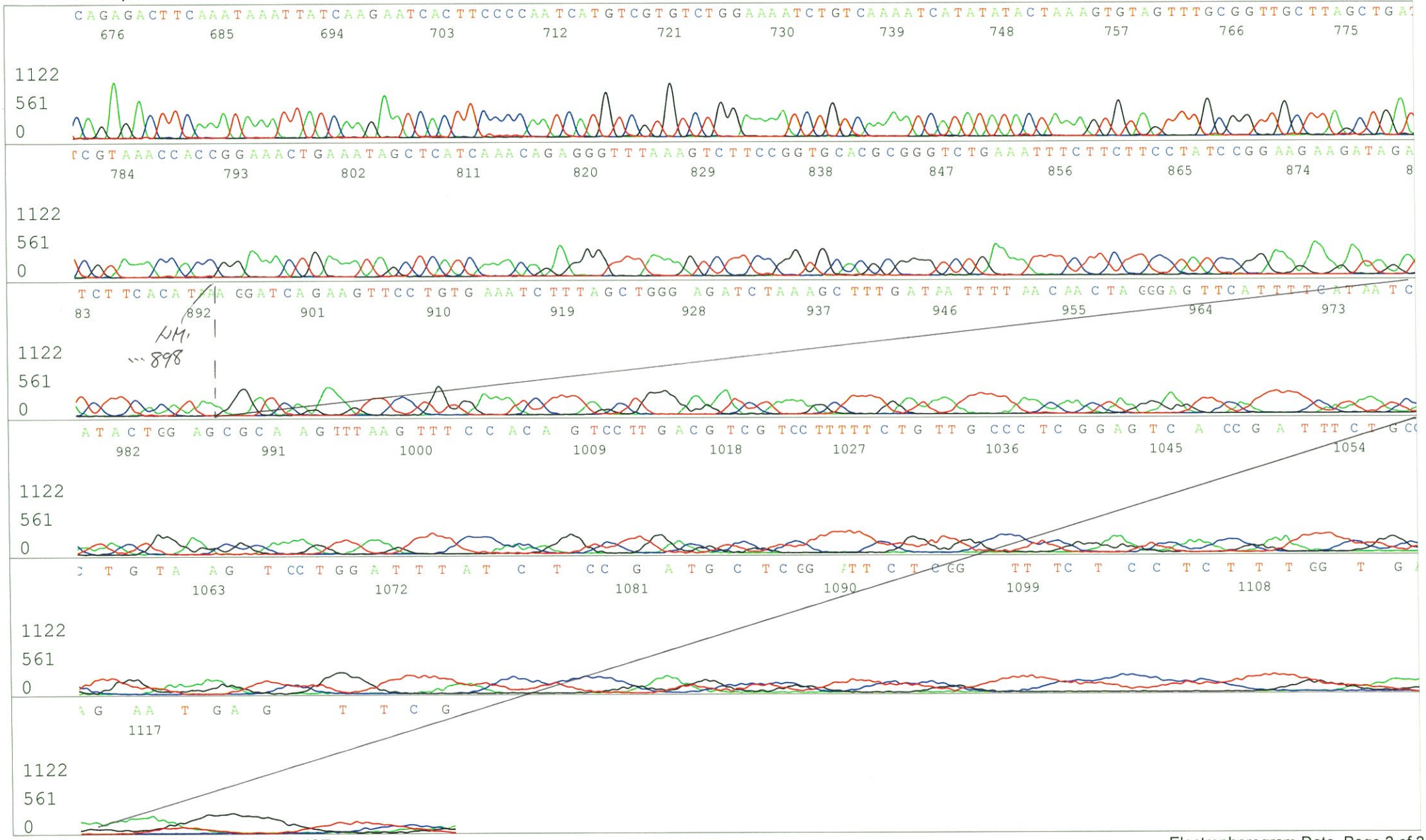
D04472B8_A7Dd_1_hGCSF_R
KB_3500_POP7_BDTv3.mob
Pts 1556 to 13648 Pk1 Loc:1533
Version 6.0 HiSQV Bases: 976

Inst Model/Name 3500/3500 Instrument
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