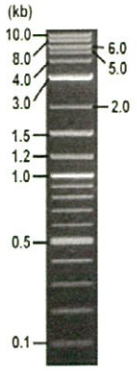
Gene Engineering Division
RIKEN BioResource Research Center

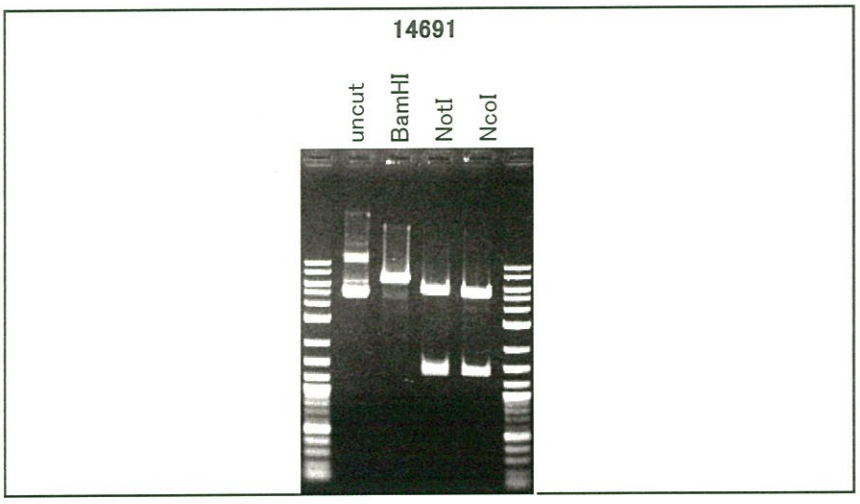
RIKEN DNA BANK

clone name : pEF-T7-Syt XI (Syt11)

- **Clone ID** : RDB _ 14691
- **Lot** : 14691 _ 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),
250 ng/well





Erectrophoresis : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
BamHI	:	**6.6**	kbp
NotI	:	**5.2, 1.4**	kbp
NcoI	:	**5.2, 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 18.10.17 栗原

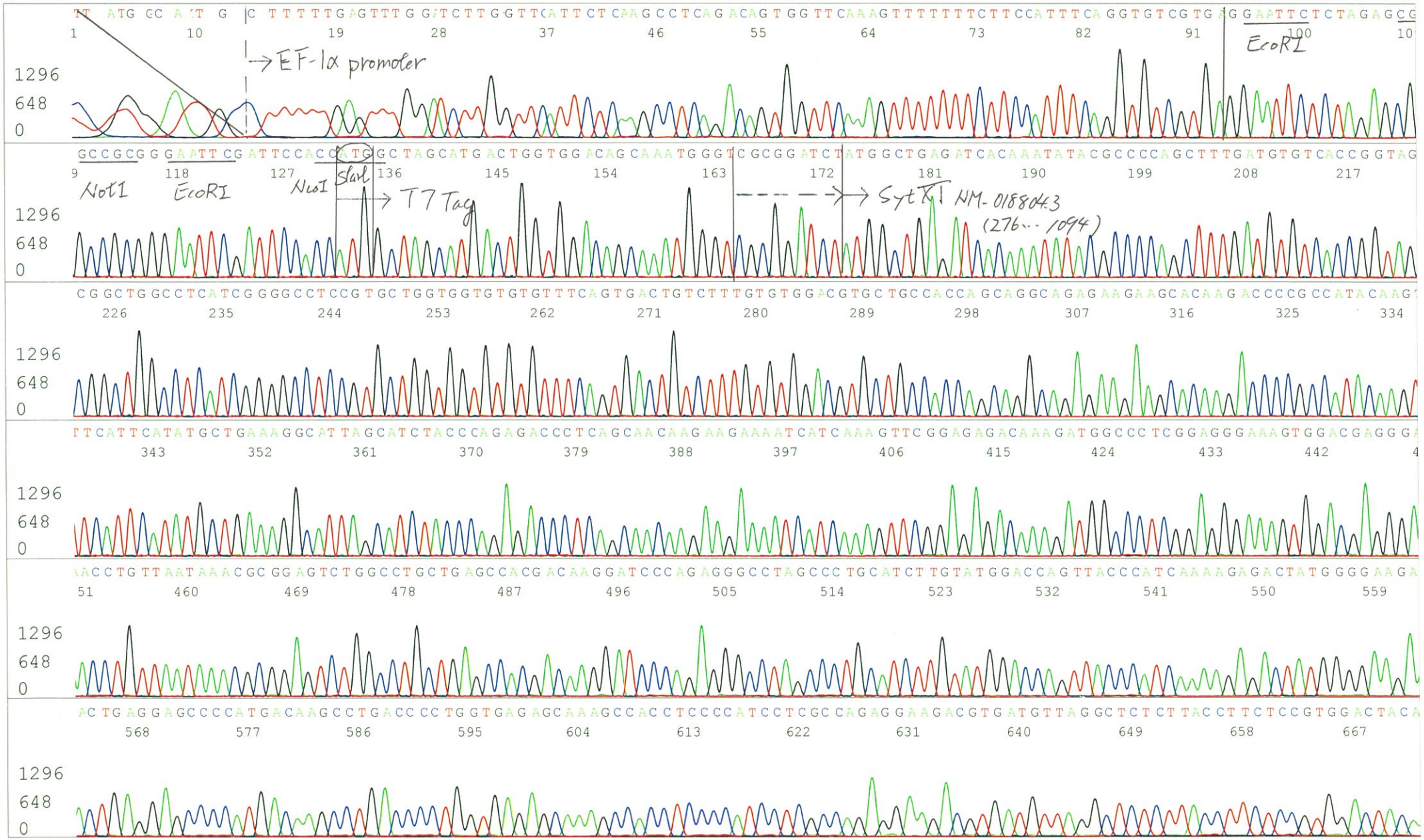
Applied Biosystems

D04472B9_A7Dd_2_EF1a-C_F_A08_02_ABI24
D04472B9_A7Dd_2_EF1a-C_F
KB_3500_POP7_BDTv3.mob
Pts 1593 to 13397 Pk1 Loc:1570
Version 6.0 HiSQV Bases: 953

Inst Model/Name 3500/3500 Instrument
May 17,2017 12:52PM, JST
May 17,2017 01:19PM, JST
Spacing:11.9 Pts/Panel1350
Plate Name: 20170517 kitaku

S/N G:332 A:342 T:321 C:337
KB.bcp
KB 1.4.1.8 Cap:2

primer name A : EF1a-C_F
5'-AGTTAGGCCAGCTTGGCACTTGATG-3'



Applied Biosystems

S/N G:332 A:342 T:321 C:337
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D04472B9_A7Dd_2_EF1a-C_F
KB_3500_POP7_BDTv3.mob
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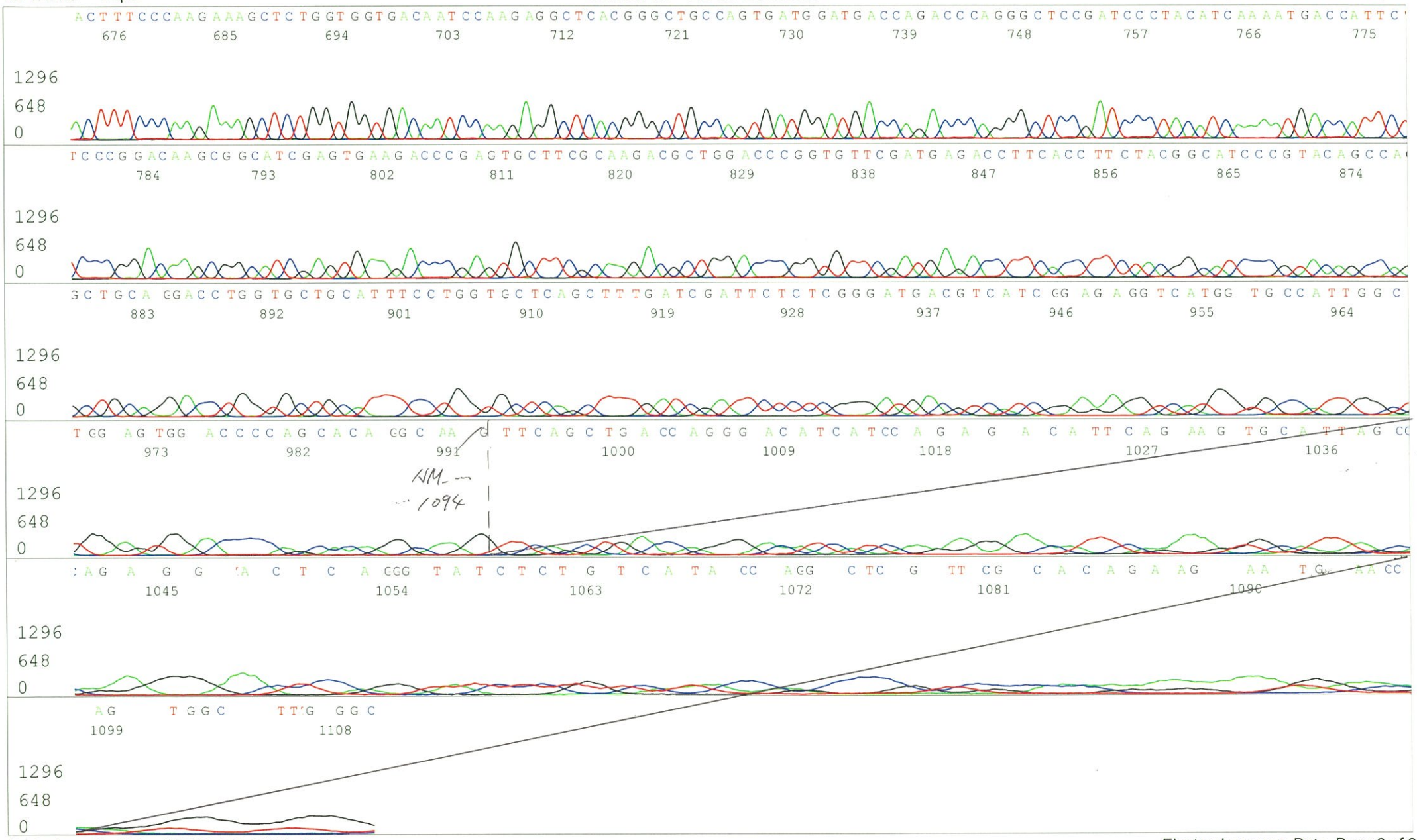

Applied Biosystems

S/N G:123 A:90 T:101 C:99
KB.bcp
KB 1.4.1.8 Cap:3

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

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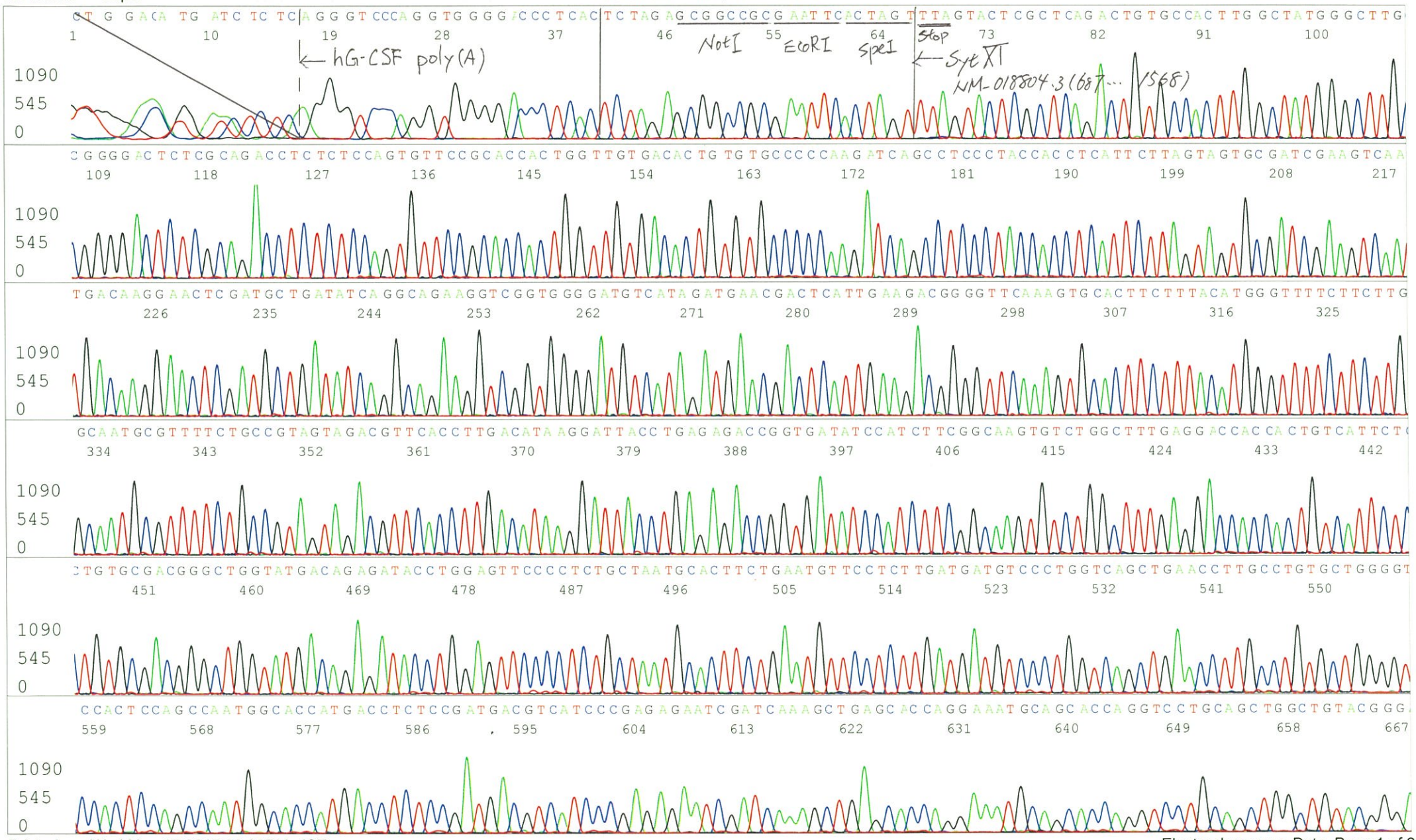
D04472B9_A7Dd_2_hGCSF_R
KB_3500_POP7_BDTv3.mob
Pts 1576 to 13626 Pk1 Loc:1553
Version 6.0 HiSQV Bases: 978

Inst Model/Name 3500/3500 Instrument
May 17,2017 12:52PM, JST
May 17,2017 01:19PM, JST
Spacing:12.03 Pts/Panel1350
Plate Name: 20170517 kitaku



Applied Biosystems

S/N G:123 A:90 T:101 C:99
KB.bcp
KB 1.4.1.8 Cap:3

D04472B9_A7Dd_2_hGCSF_R_A09_03_ABI24
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Pts 1576 to 13626 Pk1 Loc:1553
Version 6.0 HiSQV Bases: 978

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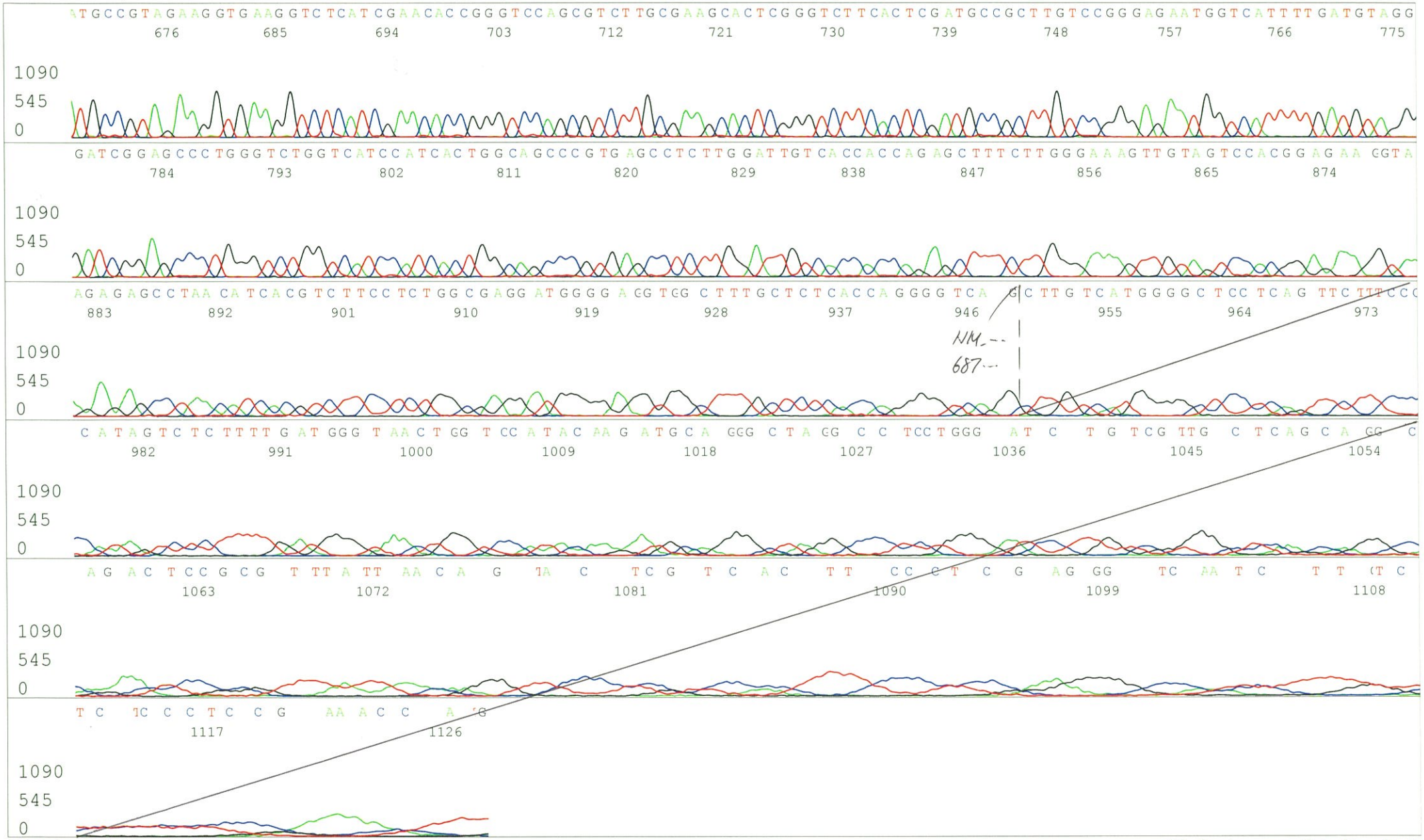

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