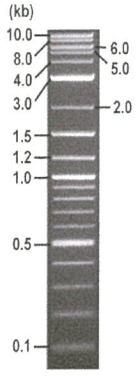
Gene Engineering Division
RIKEN BioResource Research Center

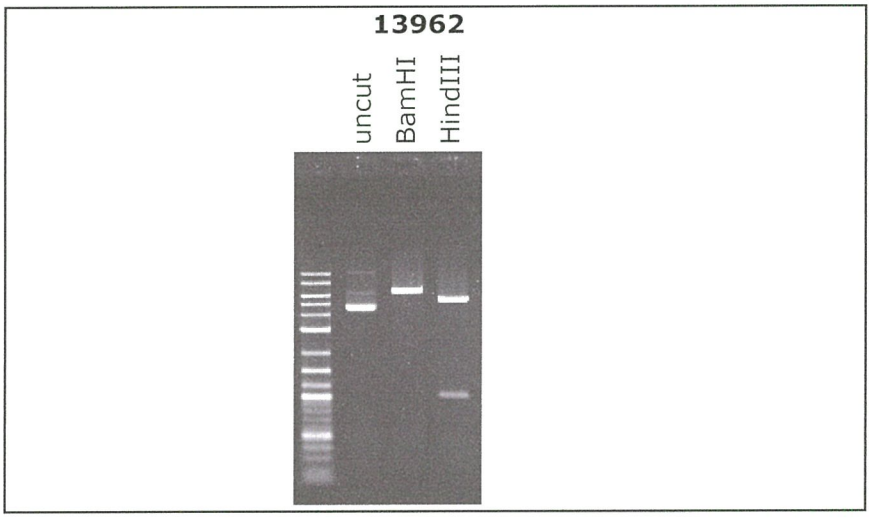
RIKEN DNA BANK

clone name : pET28/PlyA2-EGFP-His6

- **Clone ID** : RDB _ 13962
- **Lot** : 13962 _ A6Bt
- **DNA Concentration** : 25 nanogram/microliter
- **Volume** : 40 microliter
- **Form** : DNA solution in TE buffer
- **Host** : DH5 alpha
- **Culture** : LB medium
- **Antibiotics** : 25 microgram/ml Kanamycin
- **Purification** : QIAGEN QIAprep Spin Miniprep kit
- **Digestion by restriction enzyme**

1 kb Plus DNA Ladder
(NEB#N3200L),
250 ng/well





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

Restriction enzyme		Expected size of fragment	
BamHI	:	**6.4**	kbp
HindIII	:	**5.3, 1.1**	kbp
	:		kbp
	:		kbp

- **Confirmation of the insertion sequence**

Please be sure to check our sequence analysis results before your request.

Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0065	pBR322_BamHI_R	RBS, insert 5' (PlyA2, EGFP 5')
Sequence - B	Pr0649	EGFP-N_F	insert 3' (EGFP 3'), 6xHis
Sequence - C	Pr0743	EGFP-M_R	insert mid (EGFP 5', PlyA2 3')
Sequence - D	Pr0335	pGL3_RV4	lacI 3'
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

確認
22.5.16
岸川

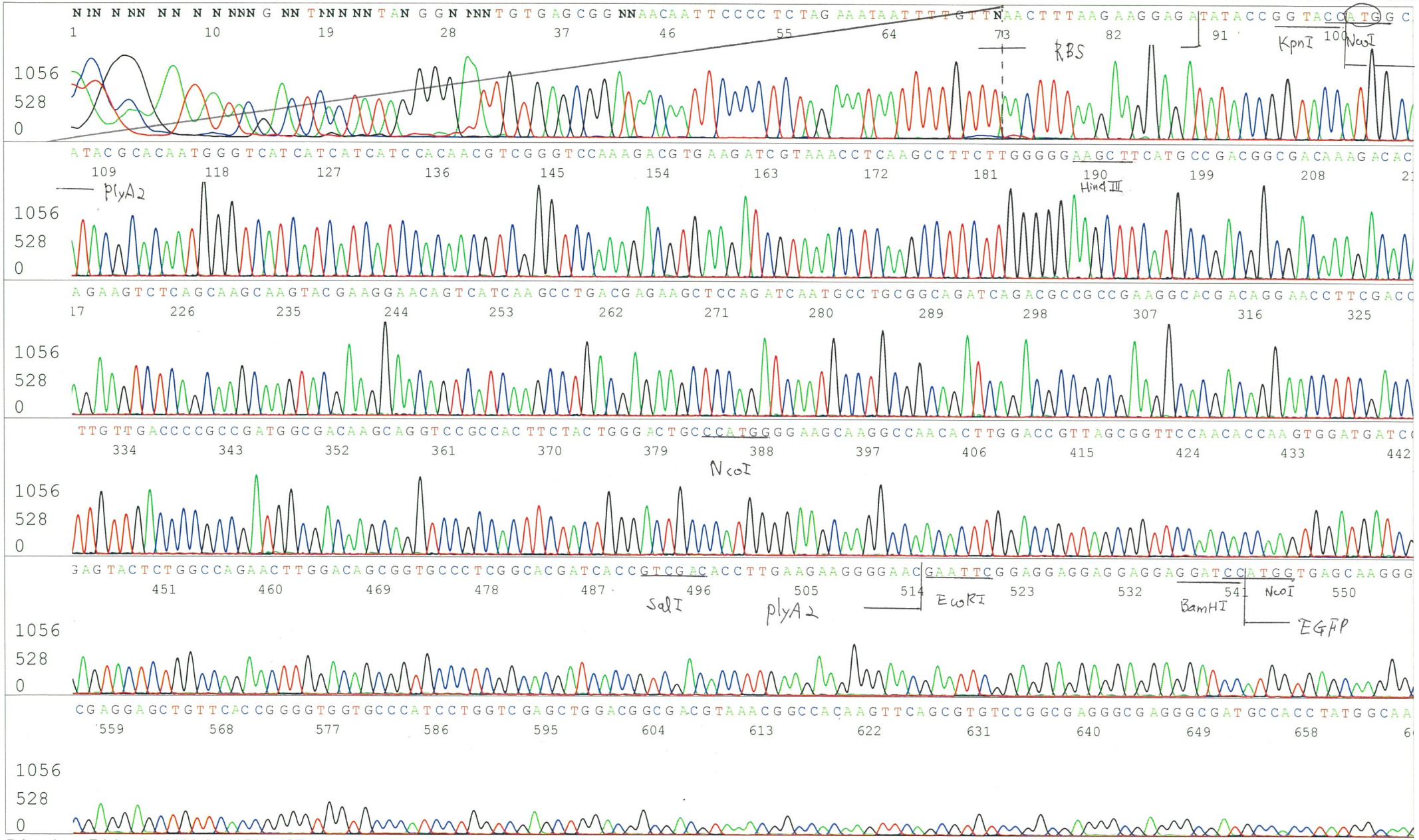
Applied Biosystems

D03144A5_A6Bt_1_pBR 322 BamHI R_D04_10
D03144A5_A6Bt_1_pBR 322 BamHI R
KB_3500_POP7_BDTv3.mob
Pts 1467 to 12915 Pk1 Loc:1444
Version 6.0 HiSQV Bases: 891

Inst Model/Name 3500/3500 Instrument
Mar 17,2016 10:42AM, JST
Mar 17,2016 11:08AM, JST
Spacing:11.29 Pts/Panel1350
Plate Name: 20160317 kitaku

S/N G:476 A:434 T:234 C:382
KB.bcp
KB 1.4.1.8 Cap:10

primer name A : pBR322_BamHI_R
5'- ATGCGTCCGGCGTAGA-3'



Applied Biosystems

S/N G:476 A:434 T:234 C:382
KB.bcp
KB 1.4.1.8 Cap:10

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Pts 1467 to 12915 Pk1 Loc:1444
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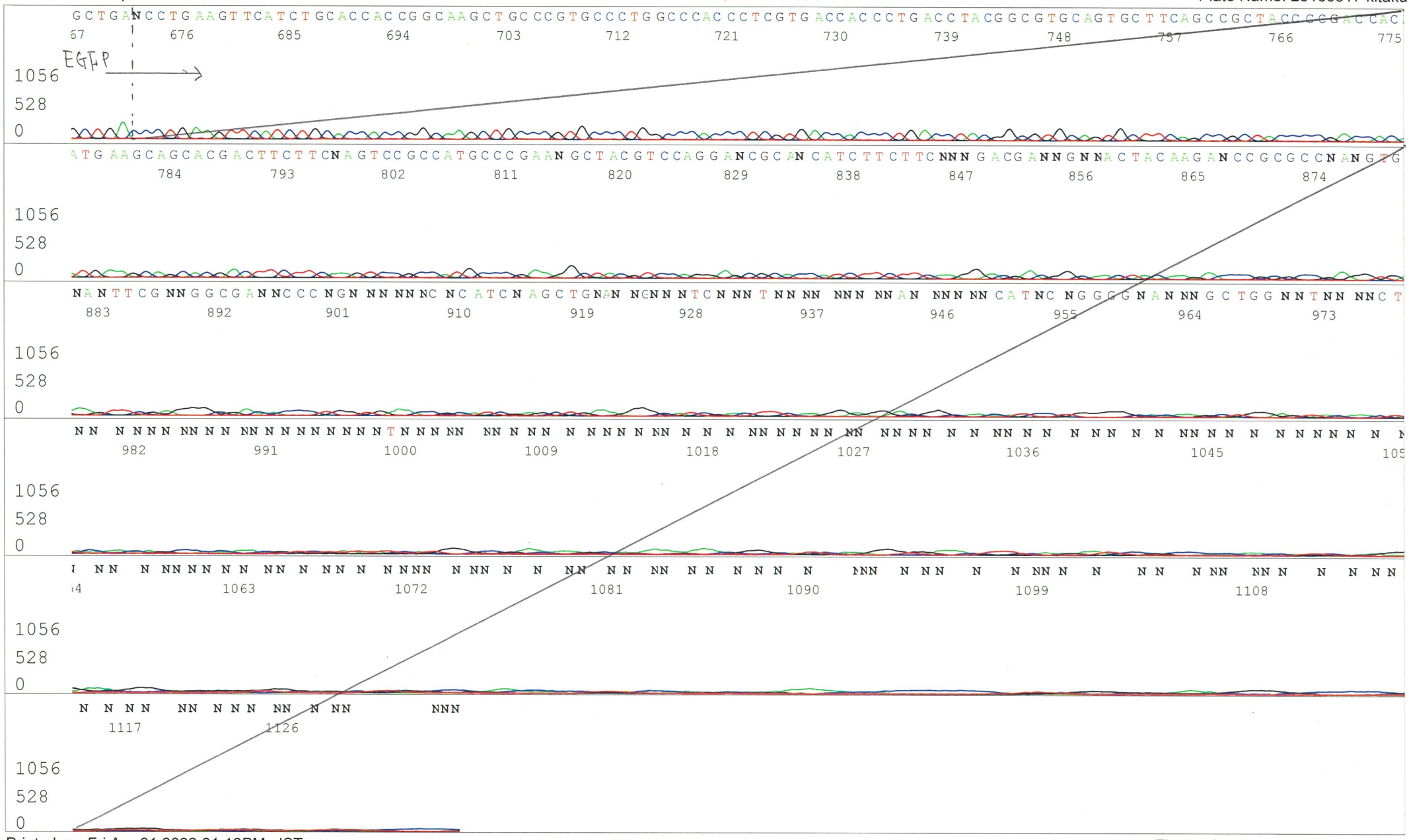

Printed on: Fri Apr 01,2022 01:12PM, JST

Applied Biosystems

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Pts 1457 to 13687 Pk1 Loc:1434
Version 6.0 HiSQV Bases: 926

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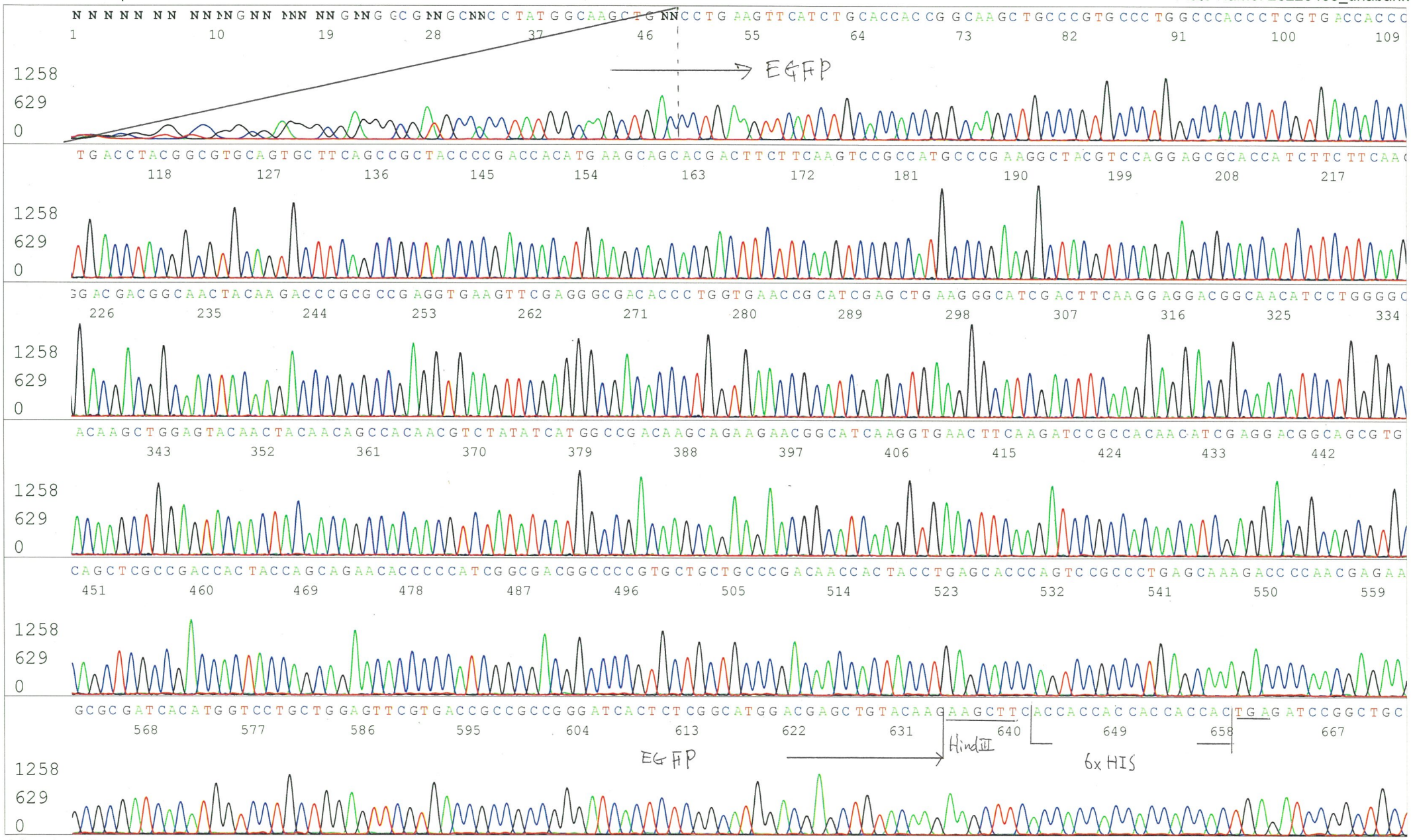
Apr 05,2022 12:41PM, JST
Apr 05,2022 01:11PM, JST
Spacing:12.26 Pts/Panel1350
Plate Name: 20220405_dnabank

S/N G:265 A:284 T:169 C:330
KB.bcp
KB 1.4.1.8 Cap:1

primer name B : EGFP-N_F
5' TCGAGCTGGACGGCGACGTAAA3'



Applied Biosystems

S/N G:265 A:284 T:169 C:330
KB.bcp
KB 1.4.1.8 Cap:1

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Pts 1457 to 13687 Pk1 Loc:1434
Version 6.0 HiSQV Bases: 926

Inst Model/Name 3500/3500 Instrument
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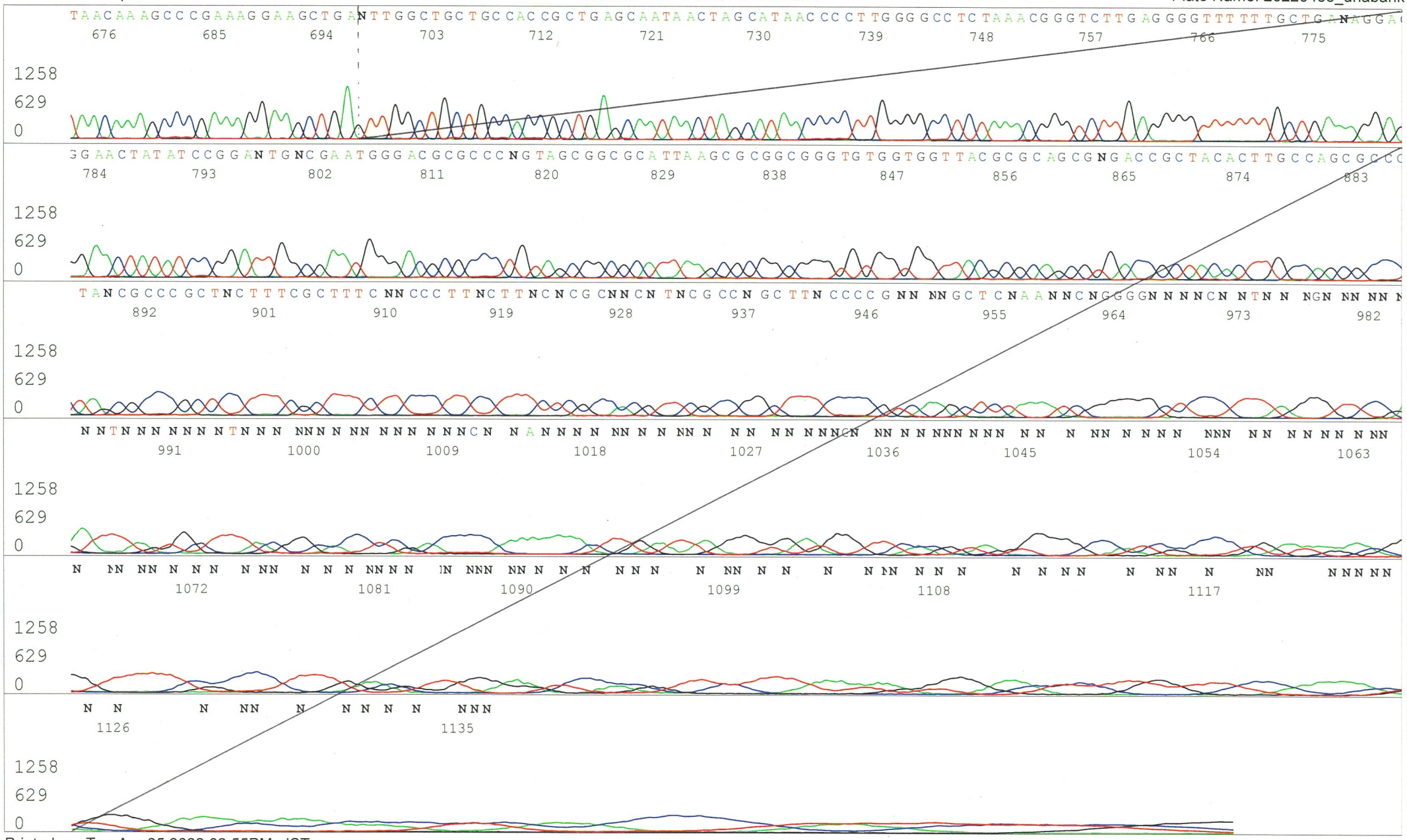
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1258
629
0
GGAACTATATCCGGANTGNCGAATGGGACGCGCCCNGTAGCGGCGCATTAAGCGCGGCGGGTGTGGTGGTTACGCGCAGCGNGACCGCTACACTTGCCAGCGCCC
784 793 802 811 820 829 838 847 856 865 874 883
1258
629
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892 901 910 919 928 937 946 955 964 973 982
1258
629
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NNTNNNNNNTNNNNNNNNNNNNCNNANNNNNNNNNNNNN

Applied Biosystems

S/N G:88 A:54 T:49 C:71
KB.bcp
KB 1.4.1.8 Cap:1

primer name C : EGFP-M_R
5' TGTTCTGCTGGTAGTGGTCG3'

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Pts 1751 to 8704 Pk1 Loc:1719
Version 6.0 HiSQV Bases: 676

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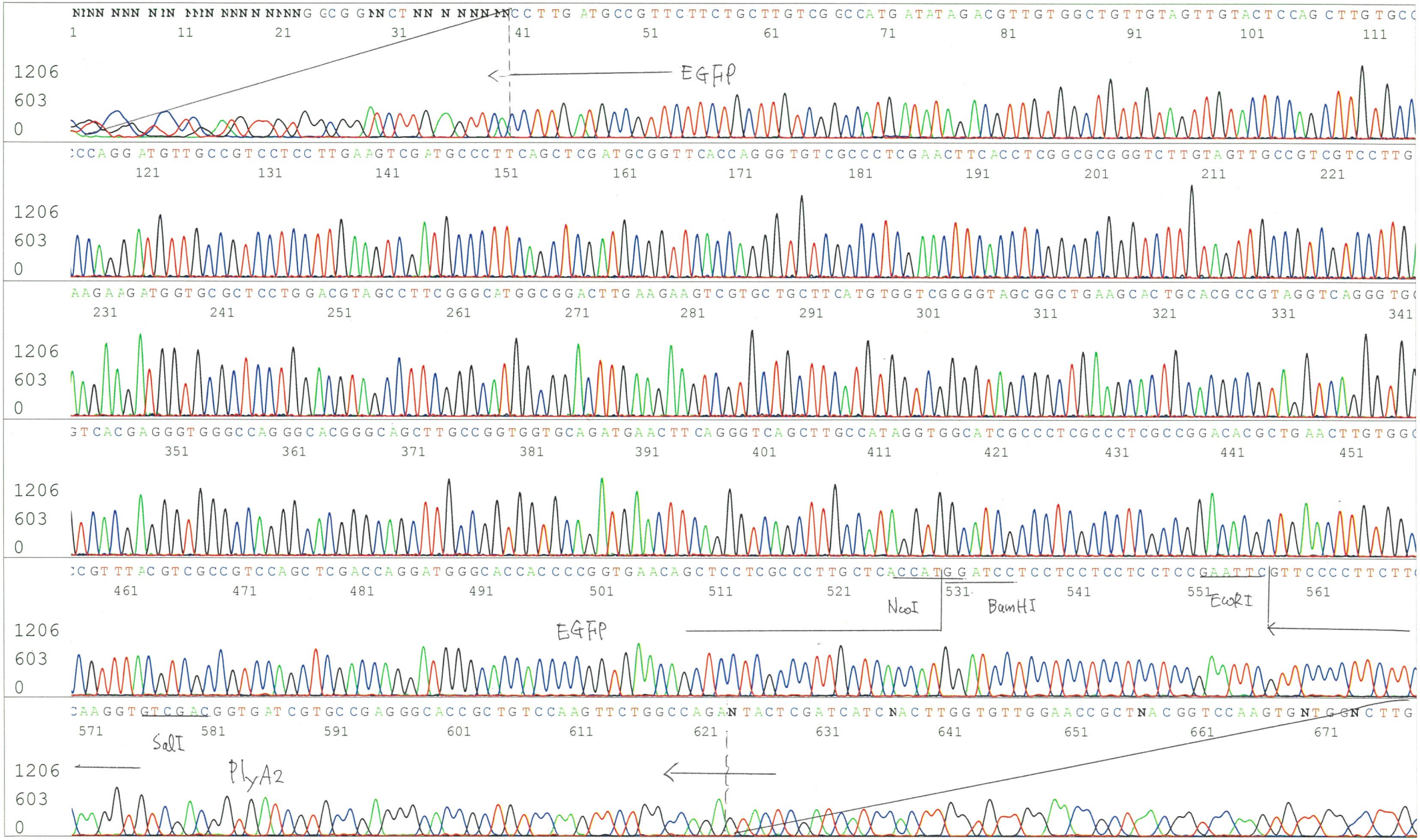

Applied Biosystems

S/N G:685 A:455 T:393 C:518
KB.bcp
KB 1.4.1.8 Cap:21

primer name D : pGL3_RV4
5'-GACGATAGTCATGCCCCGCG-3'

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D03144A5_A6Bt_1_pGL3_RV4
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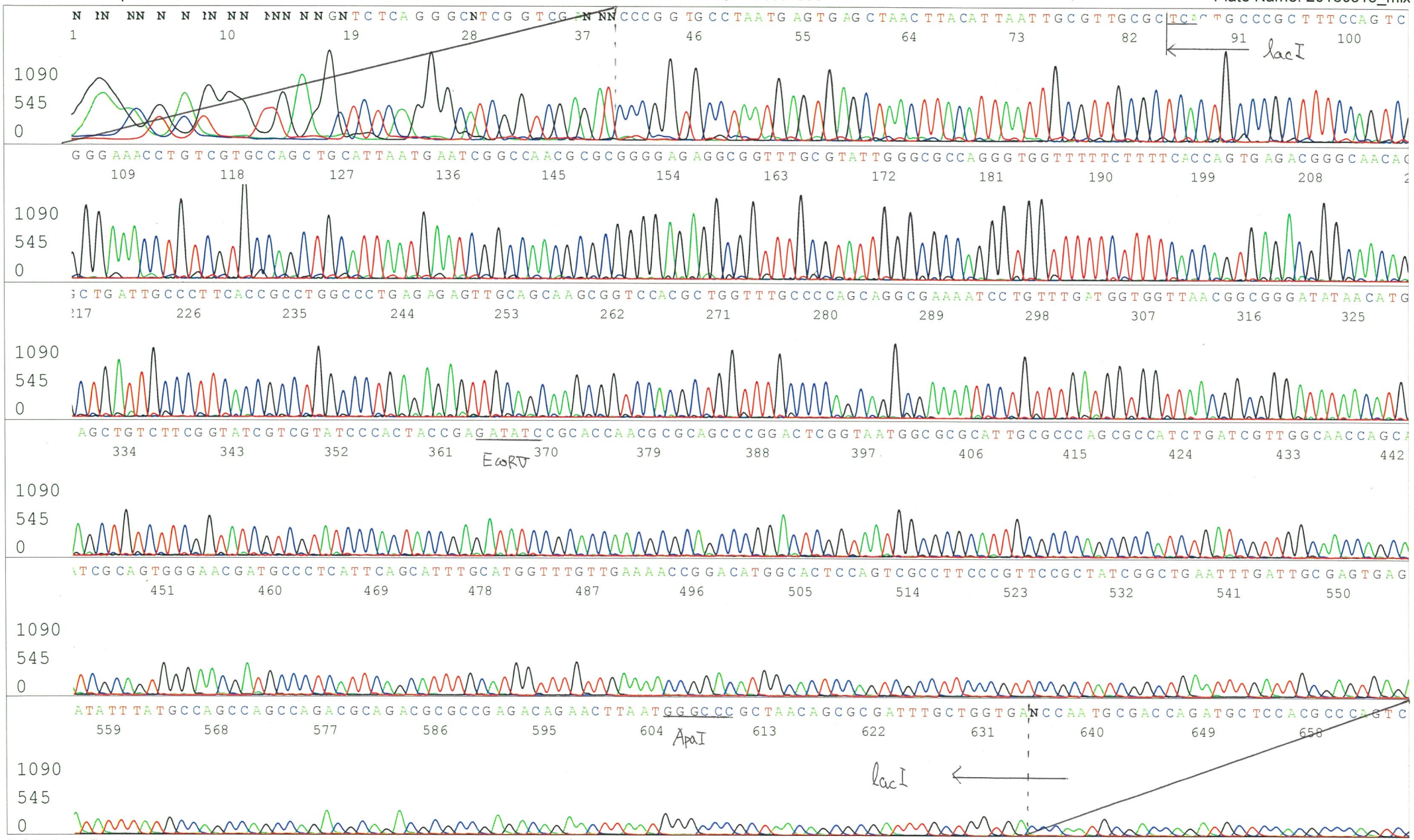
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