

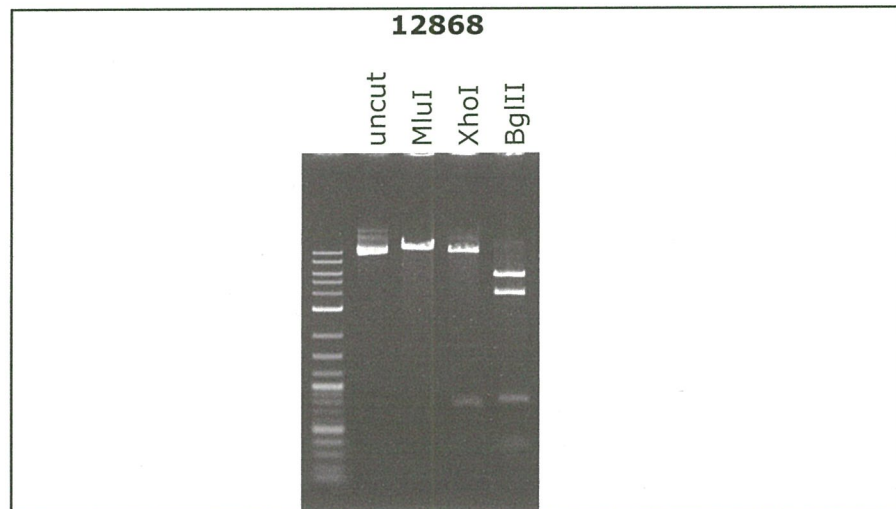
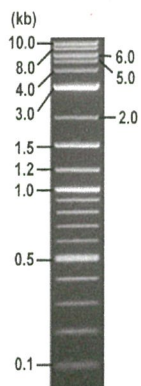


RIKEN DNA BANK

clone name : CSII-EF-GFP-IRES-Puro

- Clone ID : RDB_12868
- Lot : 12868_A9Gt
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : NEB stable
- Culture : LB medium
- Antibiotics : 100 microgram/ml Ampicillin
- Purification : QIAGEN QIAprep Spin Miniprep kit
- Digestion by restriction enzyme

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



Electrophoresis : 200 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme

Expected size of fragment

<u>MluI</u>	:	<u>11.5</u>	kbp
<u>XhoI</u>	:	<u>10.7, 0.8</u>	kbp
<u>BglII</u>	:	<u>6.1, 4.2, 0.8, 0.4</u>	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	Pr0168	EF1a-C_F	EF1a pro, attB1, EGFP 5'
Sequence - B	Pr0574	mVenus-M_F	EGFP 3', attB2, chimeric intron, IRES
Sequence - C	Pr0016	CMV_Forward	CMV pro, 5'LTR, HIV-1 psi
Sequence - D	Pr0250	PRE_rev	PRE, PuroR, IRES
Sequence - E	Pr0142	f1ori_R3	bGH p(A), 3'LTR
Sequence - F	Pr0024	EF1a-N_R	EF1a pro, cPPT_CTS, RRE
Sequence - G	Pr0110	SV40pro_F	SV40pro_ori, Zeo, SV40 p(A)
Sequence - H	-	-	-

APPROVED BY :



S/N G:341 A:384 T:270 C:492 primer name A : EF1a-C_F

KB_bcp KB_1.4.1.8 Cap:8 5'-AGTTAGGCCACGCTTGACACTTGATG-3'

Aug 08, 2019 01:52PM, JST

KB 1.4.1.8 Cap:8

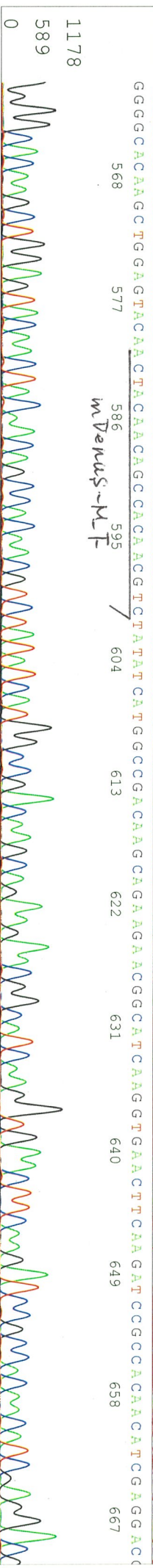
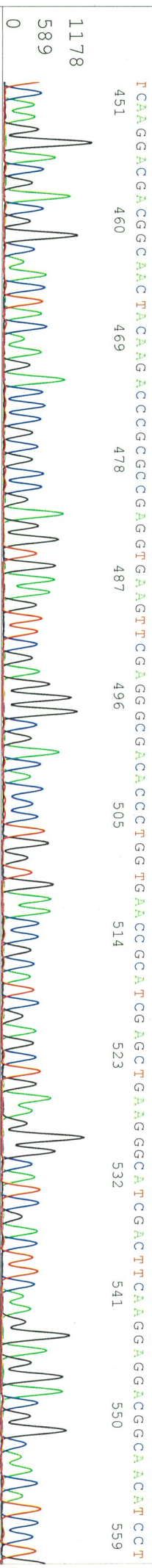
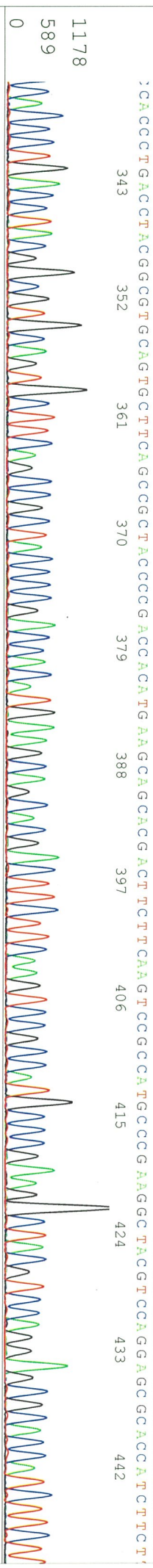
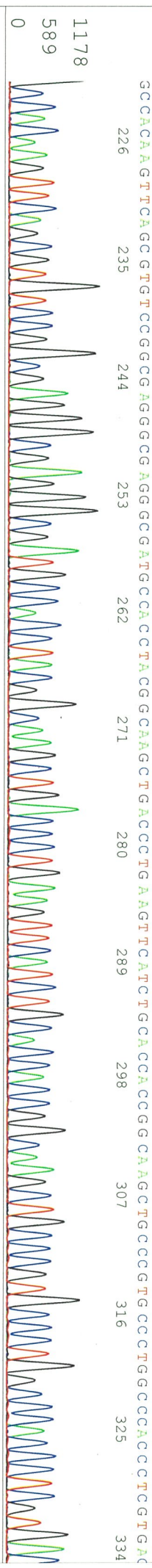
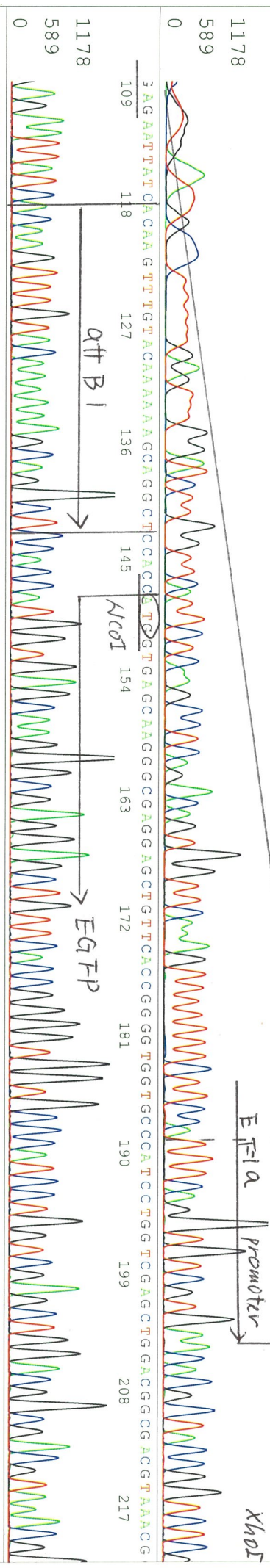
KB_3500_POP7_BDTV3.mob Pts 1414 to 12180 PK1 Loc:1391

Aug 08, 2019 02:19PM, JST

Version 6.0 HISQV Bases: 906

EF1a promoter

K401



S/N G:341 A:384 T:270 C:492

12868_12868_A9Gt_3_EF1a-C_F

Aug 08, 2019 01:52PM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

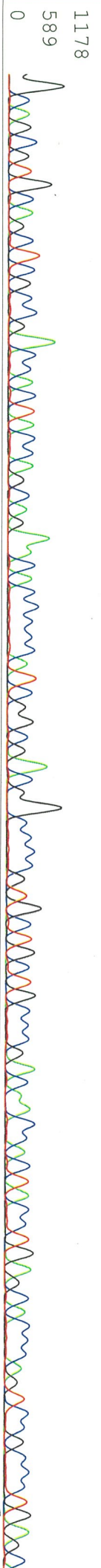
Aug 08, 2019 02:19PM, JST

KB 1.4.1.8 Cap:8

Pts 1414 to 12180 PK1 Loc:1391

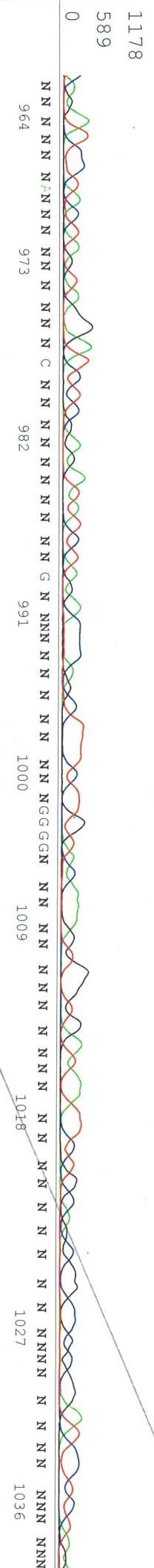
Spacing:10.81 Pts/Panel1350

3GCCAGCTGGACGCTCGCCGACCACTACCCAGCAACACCCCAATCCGGCCGACCGCTGCCTGCCACCAACCACTAGAGCAACCACTCCGCCCTGAGC
676 685 694 703 712 721 730 739 748 757 766 775

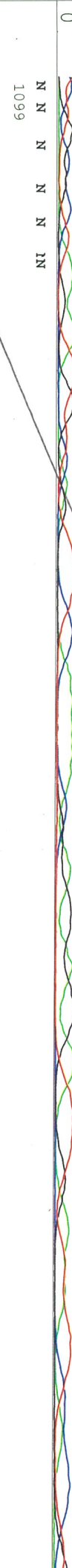


EGFP →

AAAGACCCCAAGGAAAGCCGATCACATGGCTGCTGGANTTCCGTGACCCCGCCGNNTCACCTCCGGCATGNNCGAGCTGNACAACTCCN GNN T
75 784 793 802 811 820 829 838 847 856 865



JANNNTTACNNANTANGATCTCTCGNNATACTTAGNNAAGCTTCTTNNNAACNAAGNNGGNNNNNTTCNNCANNNGCANNNNNNNNNA
874 883 892 901 910 919 928 937 946 955



NN
964 973 982 991 1000 1009 1018 1027 1036



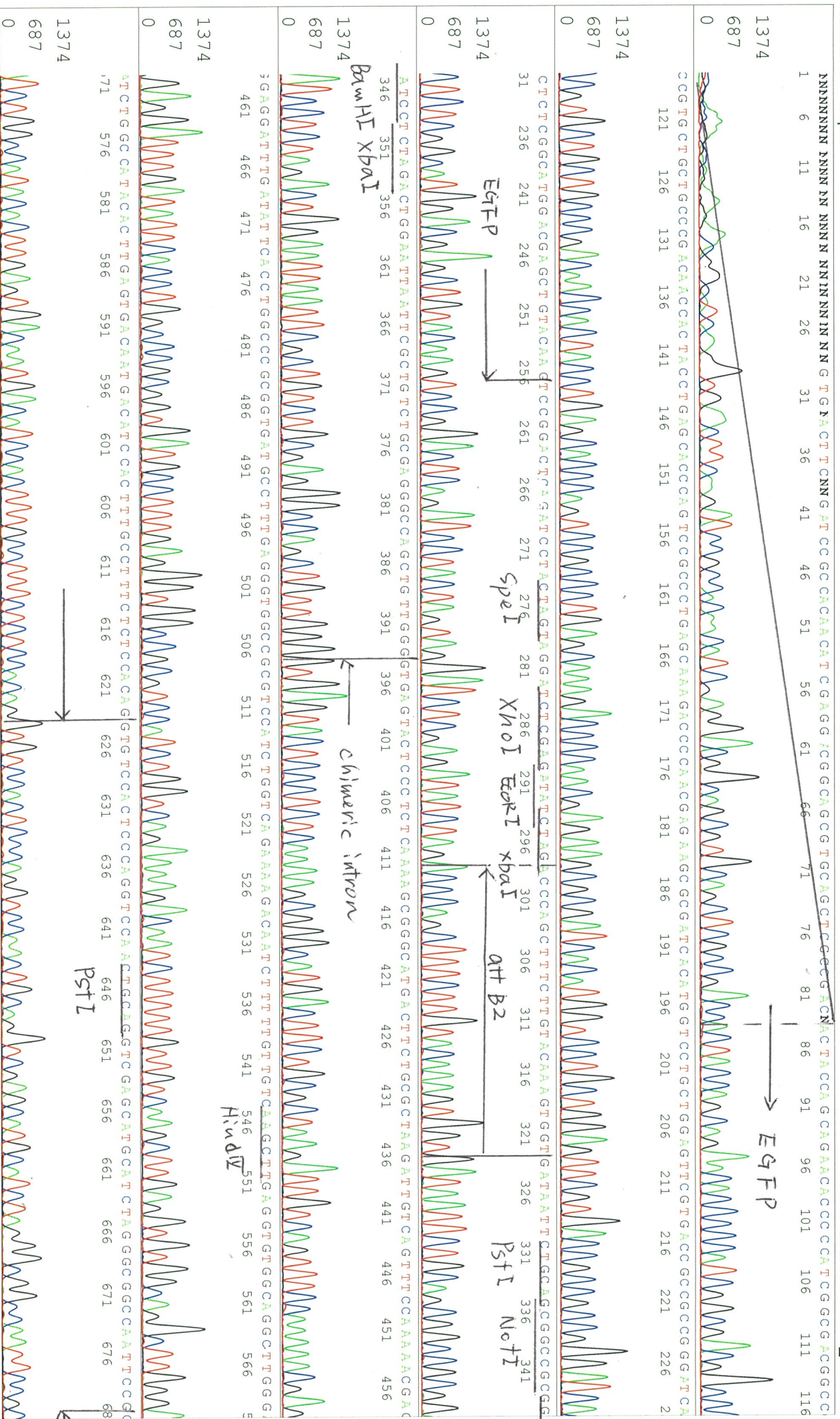
NN
1045 1054 1063 1072 1081 1090 1099

S/N G:27 A:30 T:26 C:39
KB.bcp
KB 1.4.18 Cap:1

primer name **B** : mVenus-M_F
5' ACTACACAGCCACACAGTC 3'

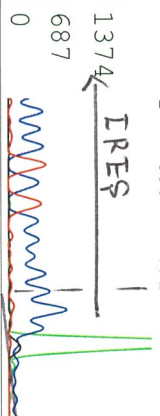
12868_12868_A9Gt_3_mVenus-M_F
KB_3500_POP7_BDTV3.mob
Pis 1312 to 13145 Pk1 Loc:1289
Version 6.0 HISQV Bases: 663

Aug 09,2019 01:47PM, JST
Aug 09,2019 02:27PM, JST
Spacing: 11.62 Pts/Panel1350
Plate Name: 20190809_dhnanak



CCCCCTCTCCCCNNNNNNN
1 686 691 696

← IRES



1374
687
0

1374
687
0

1374
687
0

1374
687
0

1374
687
0

S/N G:200 A:207 T:141 C:18f primer name C : CMV_Forward

KB.bcp KB_3500_POP7_BDTV3.mob

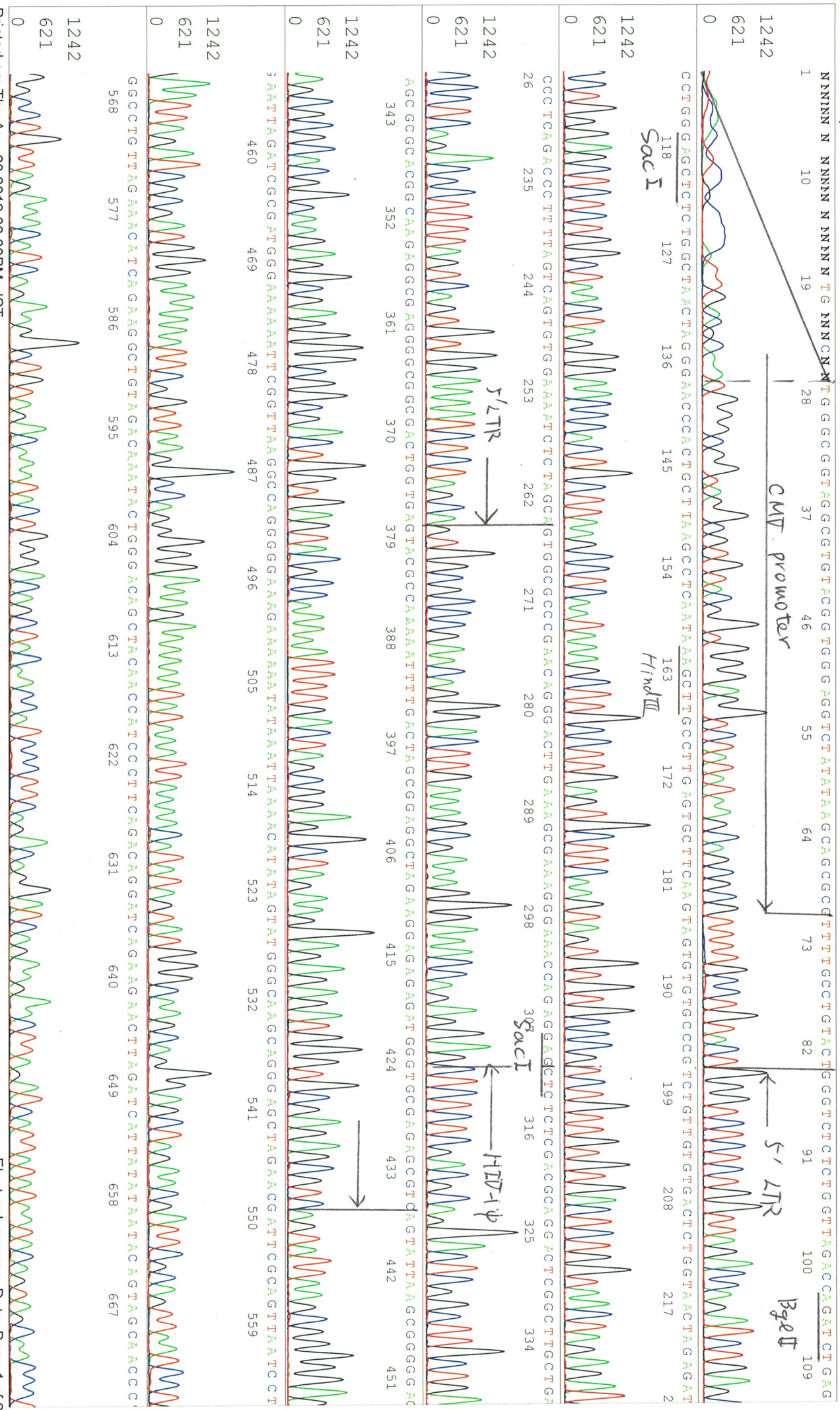
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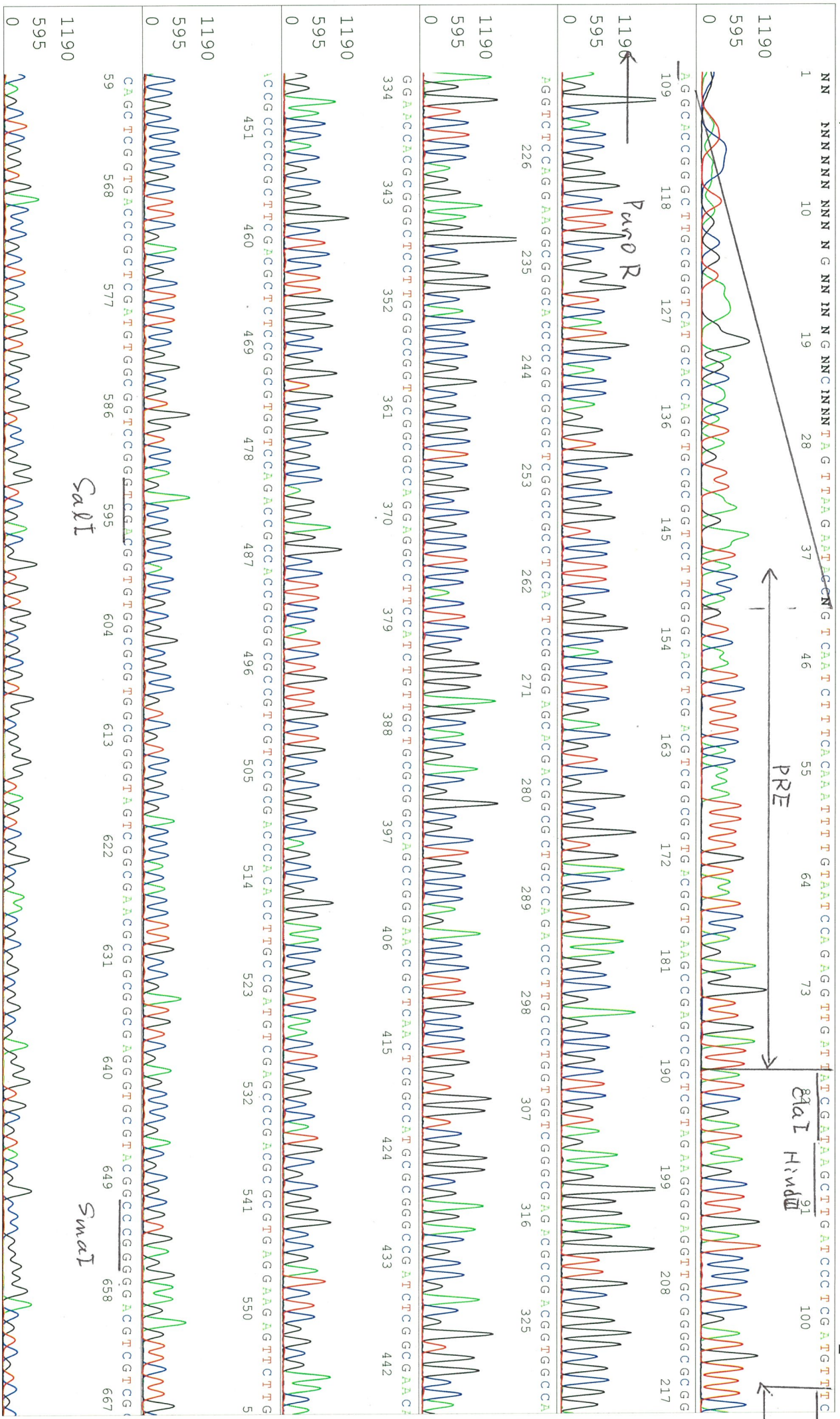
KB 1.4.1.8 Cap:8

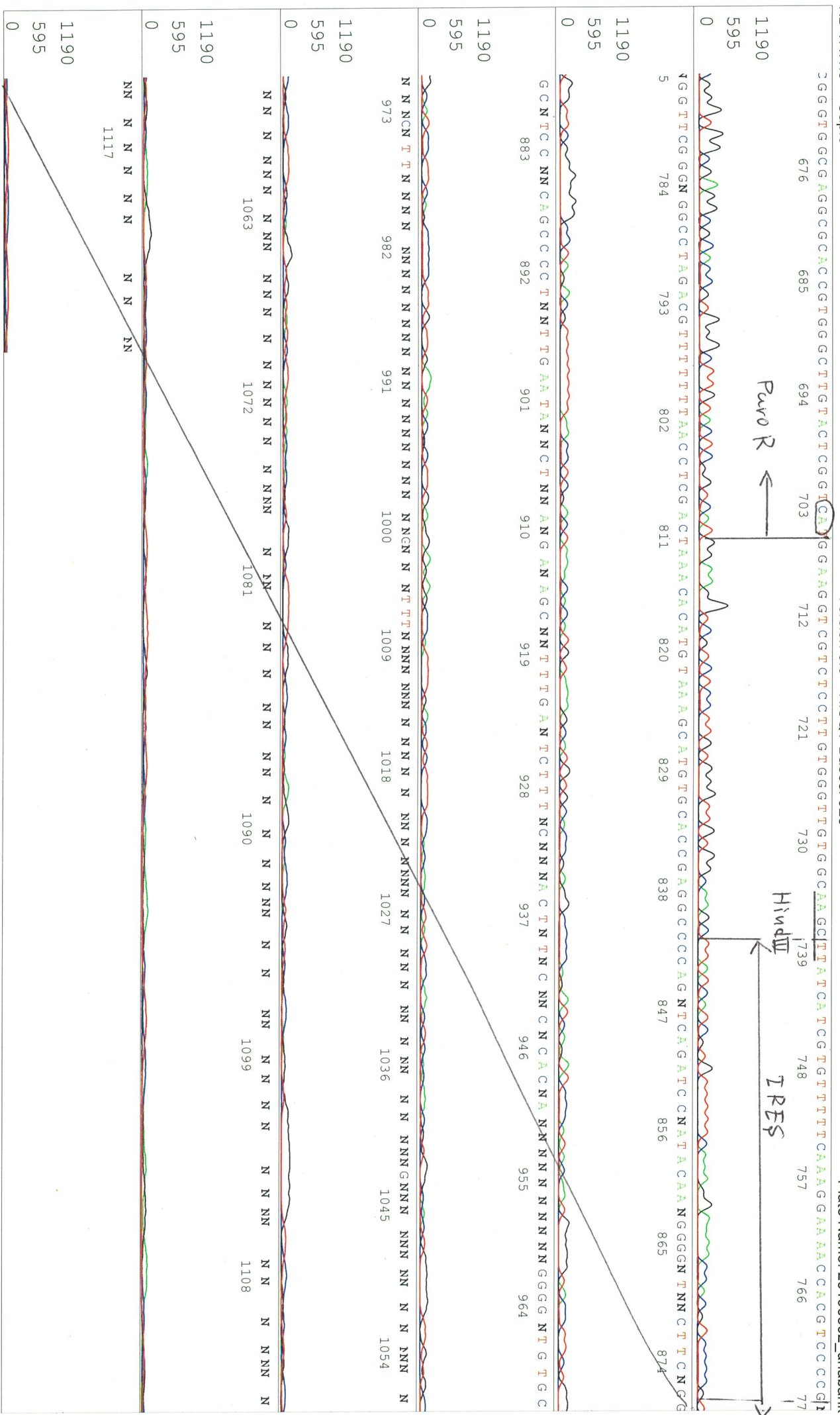
5' GCACCAAAATCAACGGGACTT3'

Pts 1452 to 12534 PK1 Loc:1429

Version 6.0 HisQV Bases: 910 Plate Name: 20190802_dnabank







S/N G:25 A:28 T:27 C:33

primer name E :f1ori_R3

KB_bcp KB_3500_POP7_BDTV3.mob

Aug 09,2019 01:47PM, JST

KB 1.4.1.8 Cap:3

5'TTAATGCGCCGCTACAGGGC3'

Pts 1320 to 13055 PK1 Loc:1297

Aug 09,2019 02:27PM, JST

1 10 19 28 37 46 55 64 73 82 91 100 109 118

← bGHp(LA)

