

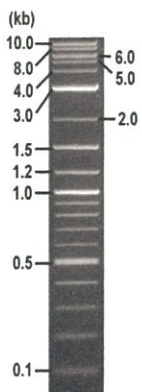


RIKEN DNA BANK

clone name : pCAGIPuro-HAmcMyc_DN143

- Clone ID : RDB _ 14101
- Lot : 14101 _ A6Dc
- 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



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

Restriction enzyme	Expected size of fragment
<u>XhoI</u>	<u>7.4</u> kbp
<u>NotI</u>	<u>7.4</u> kbp
<u>XhoI + NotI</u>	<u>6.4, 0.9</u> kbp
	kbp
	kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	pAxCA_F1	Sequence - E	Amp_R
Sequence - B	Myc-M_F	Sequence - F	-
Sequence - C	IRES-F	Sequence - G	-
Sequence - D	BGHpA_F	Sequence - H	-



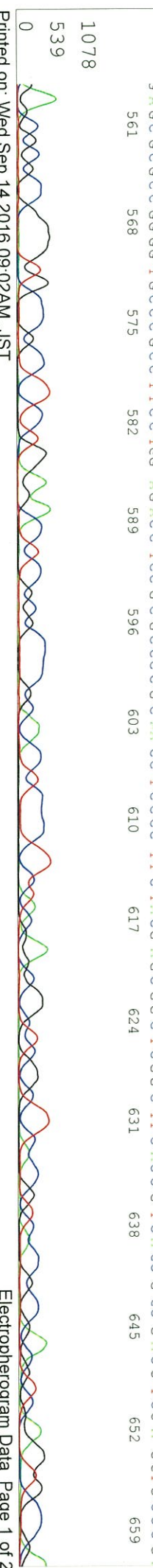
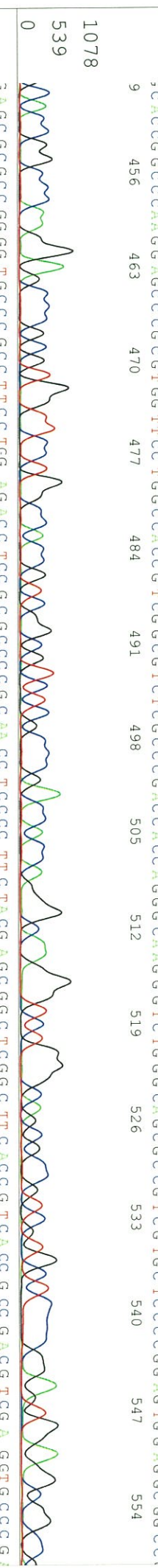
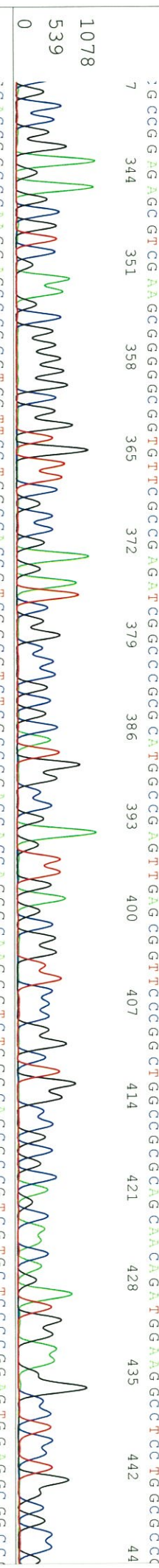
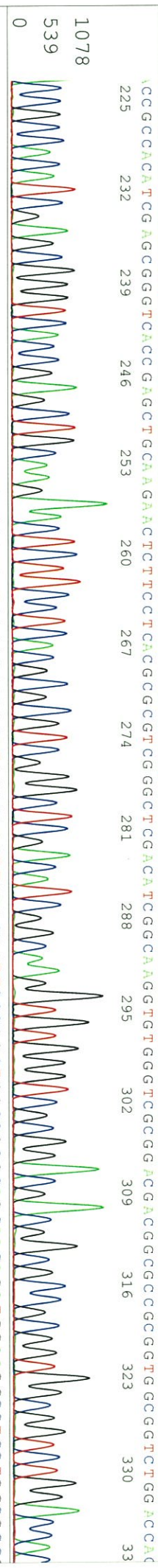
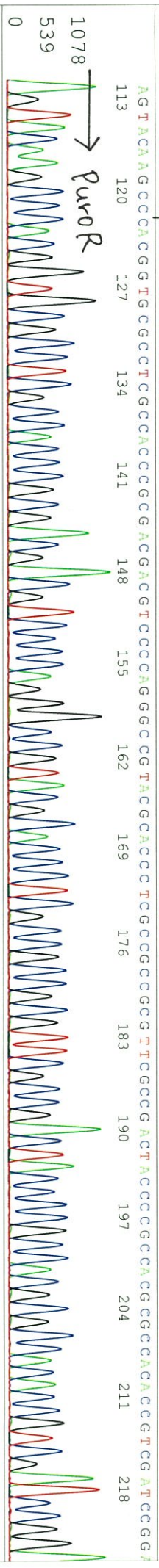
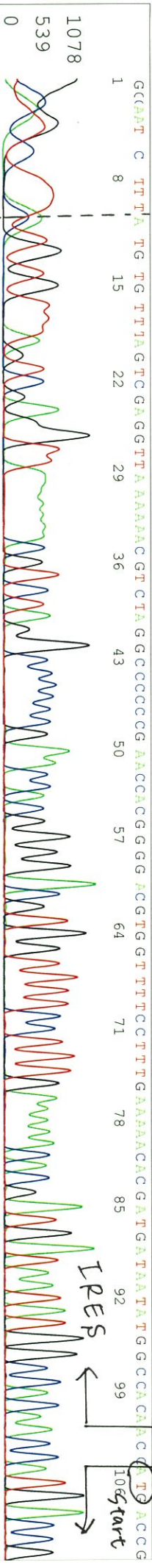
APPROVED BY :

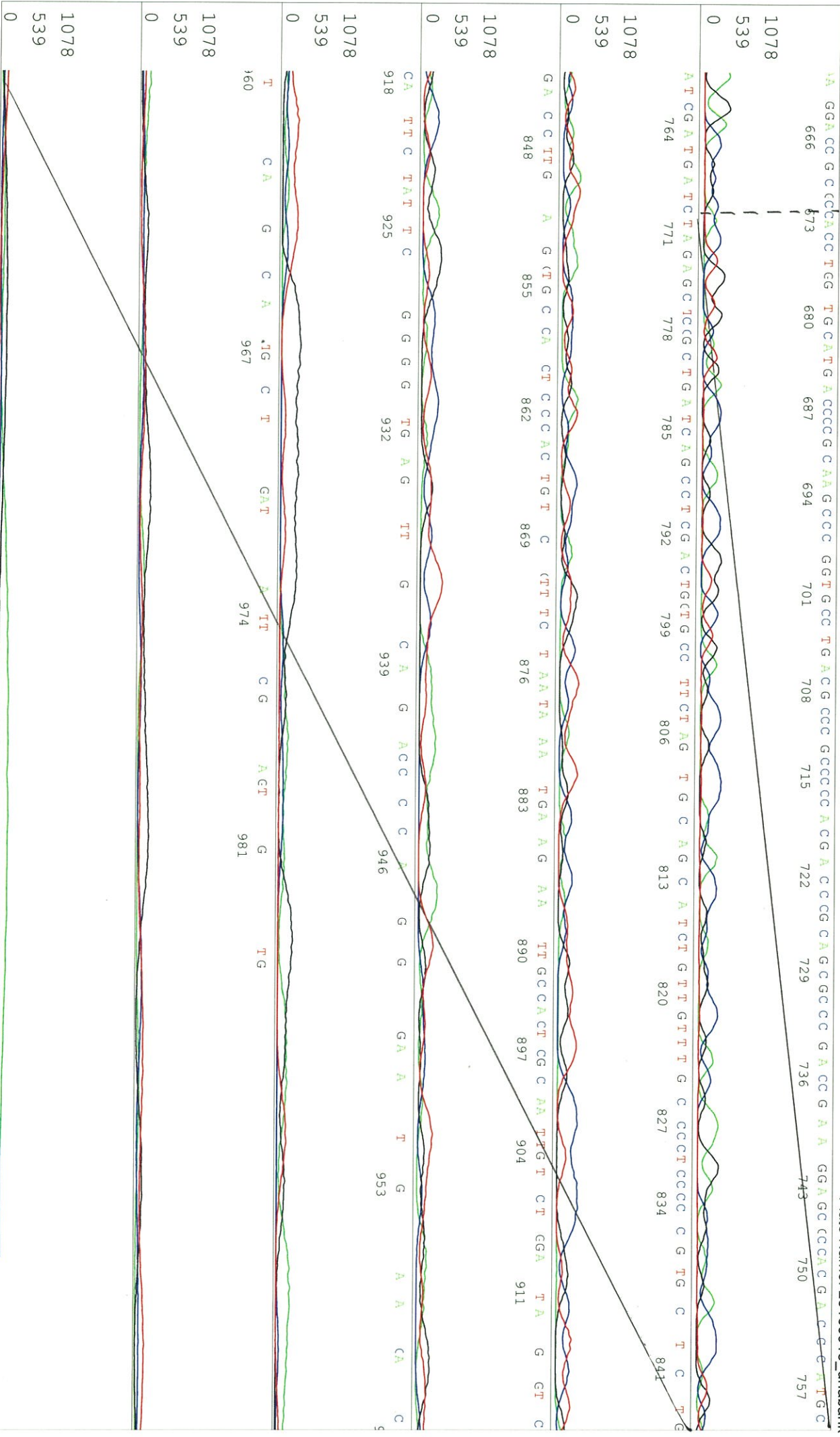
S/N G:465 A:294 T:262 C:631
KB.bcp
KB 1.4.1.8 Cap:10

primer name **C** : IRES-F
5-TTGTATGGATCTGATCTGG-3'

D03255J2_A6Dc_IRES-F_D07_10_ABI24
D03255J2_A6Dc_IRES-F
KB_3500_POP7_BDTV3.mob
Pis 1677 to 13530 PK1 Loc:1654
Version 6.0 HiSQV Bases: 684

Inst Model/Name 3500/3500 Instrument
Sep 13,2016 02:10PM, JST
Sep 13,2016 02:36PM, JST
Spacing:12.65 Pts/Panel1350
Plate Name: 20160913_dnabank





S/N G:630 A:465 T:529 C:712

primer name Φ : BGHPA_F

KB_3500_POP7_BDTV3.mob

Sep 13, 2016 02:10PM, JST

KB.bcp

5'-AAATGAGGAATTGCATCGC-3'

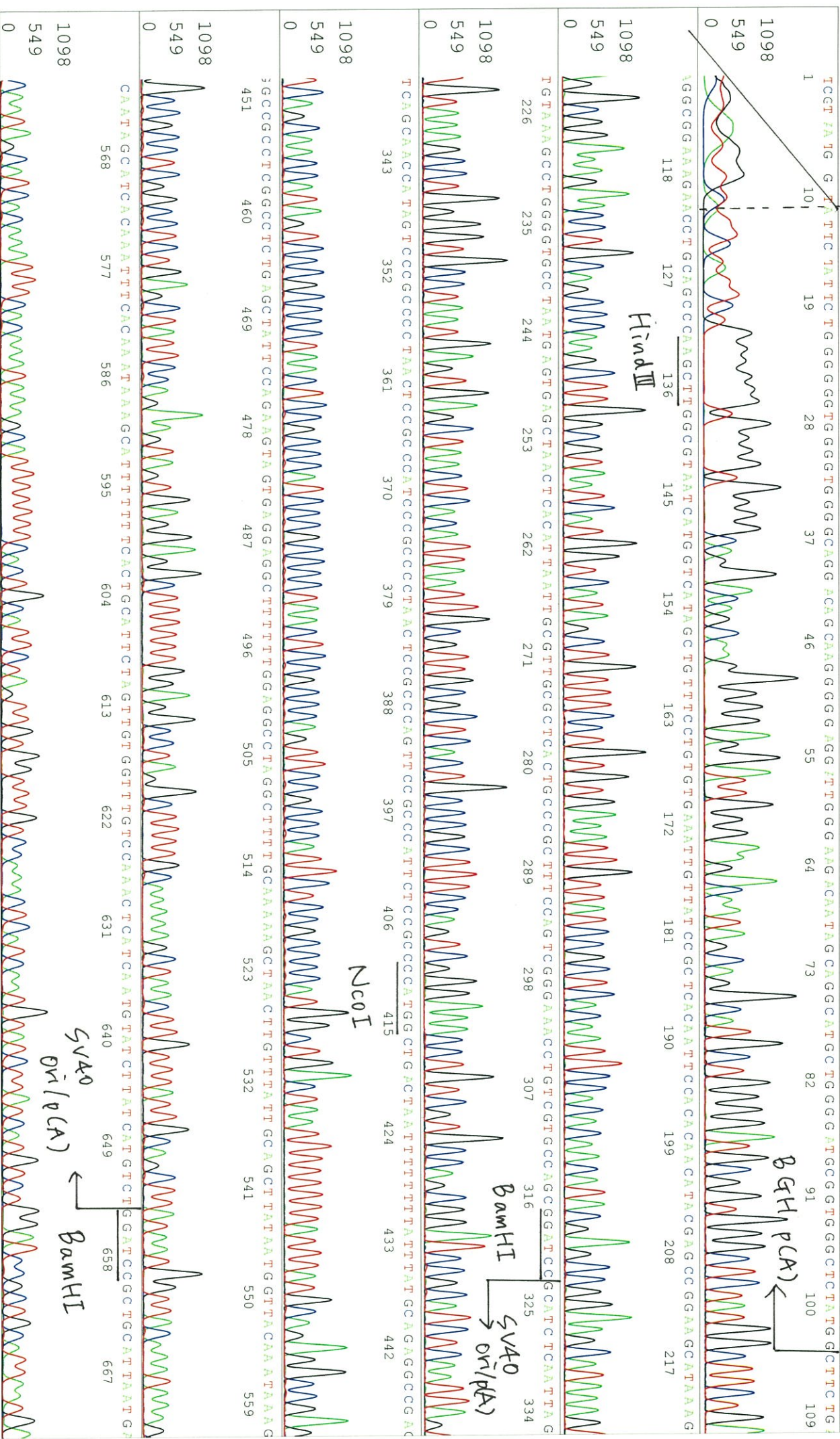
Pis 1426 to 13120 PK1 Loc: 1403

Spacing: 11.51 Pts/Panel1350

KB 1.4.1.8 Cap:13

Version 6.0 HISQV Bases: 969

Plate Name: 20160913_dnabank



S/N G:476 A:412 T:517 C:514 primer name E : Amp_R

D03255J2_A6Dc_Amp_R

Sep 13, 2016 02:10PM, JST

KB.bcp 5-GCGACACGGAAATGTTGAATA-3'

KB_3500_POP7_BDTV3.mob

Sep 13, 2016 02:36PM, JST

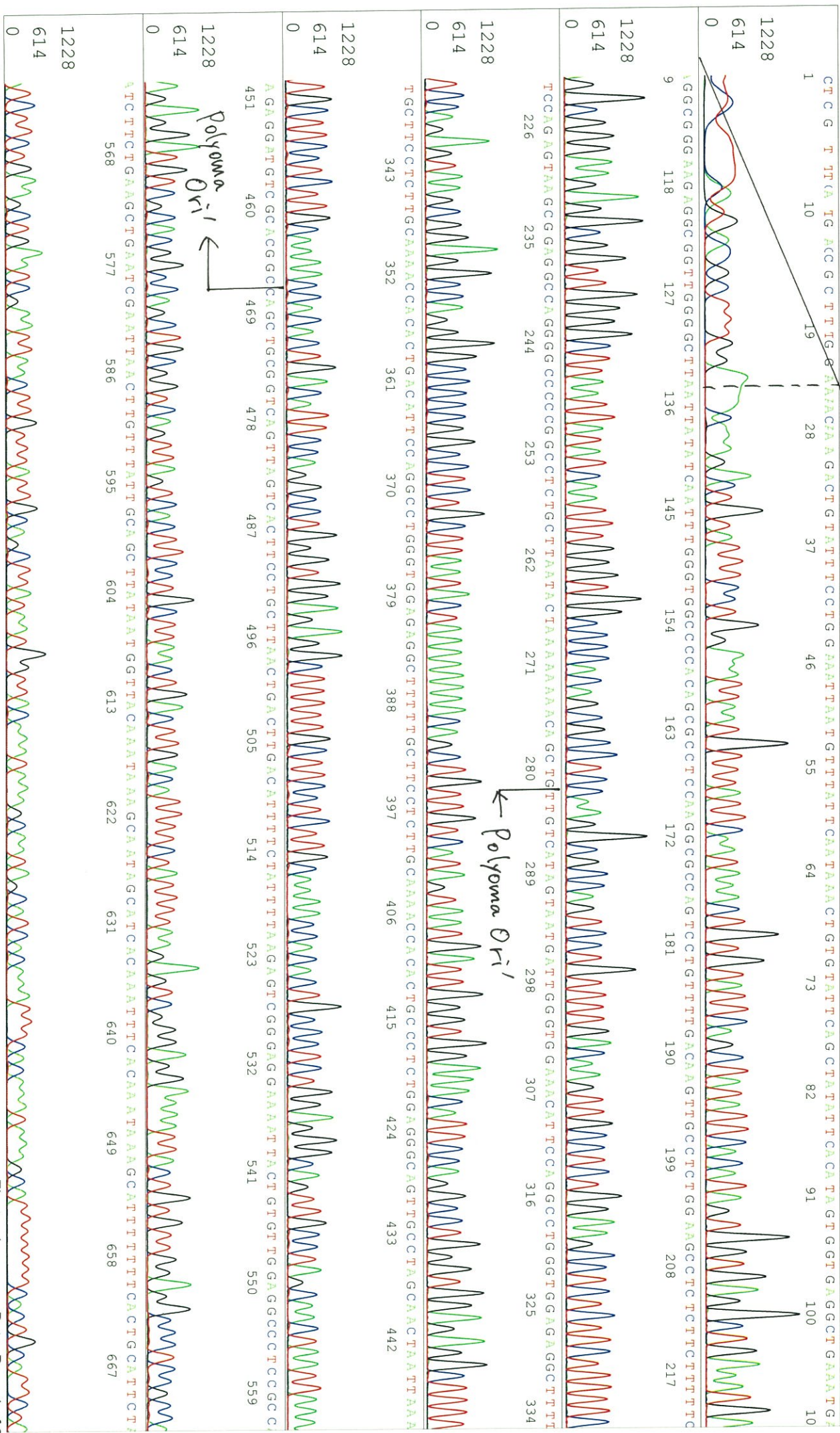
KB 1.4.1.8 Cap:16

Pis 1508 to 13001 PK1 Loc:1485

Spacing:11.66 Pts/Panel1350

Version 6.0 HISQV Bases: 917

Plate Name: 20160913_dhbank



AGTTGTGGTTTGTCCAAACTCATCAATGTATCTTATTCATGTCCTGGATCTGATATCATCGTCGACATTTGATTATTAGTAATCAAATTAACGGGT

SallI

HCMVIEE

CATTAGTTCATAGCCCATATATGGAGTCCGGCTTACATAACTTACGGTAAATGGCCGGCTGGCTGACCGCCAAACACCCCGCCCATTTGACGTC

AAAGACGTATGTTCCCATAGTAAAGCCAAATAGGGACTTTCCCAATTTGACGTCAAATGGGATATTAACGGTAAACATTTGGCAGTAC

ATCAGTGTATCATATGCCAAATAGTAAAGTACGCTCCCTTACGGCCCTTAAGACGTCATGACGTAATTTGACCGCTTAACTTGCCATTA

TACA TGA ACG TAA TGG GAA ACC TTA CTA CTT GG CAG TAA CTT TAA CG TAA TTAA TTAG CAA TTAC GGG T

GCC TAT TCC

0 1228 614

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