

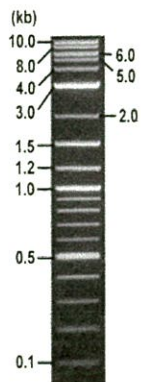


RIKEN DNA BANK

clone name : pET28/Dronpa-NT-Lys

- Clone ID : RDB_15470
- Lot : 15470_A7Jq
- 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

2-Log 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
<u>XhoI</u>	<u>6.4</u> kbp
<u>BglII</u>	<u>6.4</u> kbp
<u>XhoI+BglII</u>	<u>5.1, 1.3</u> kbp
	kbp
	kbp

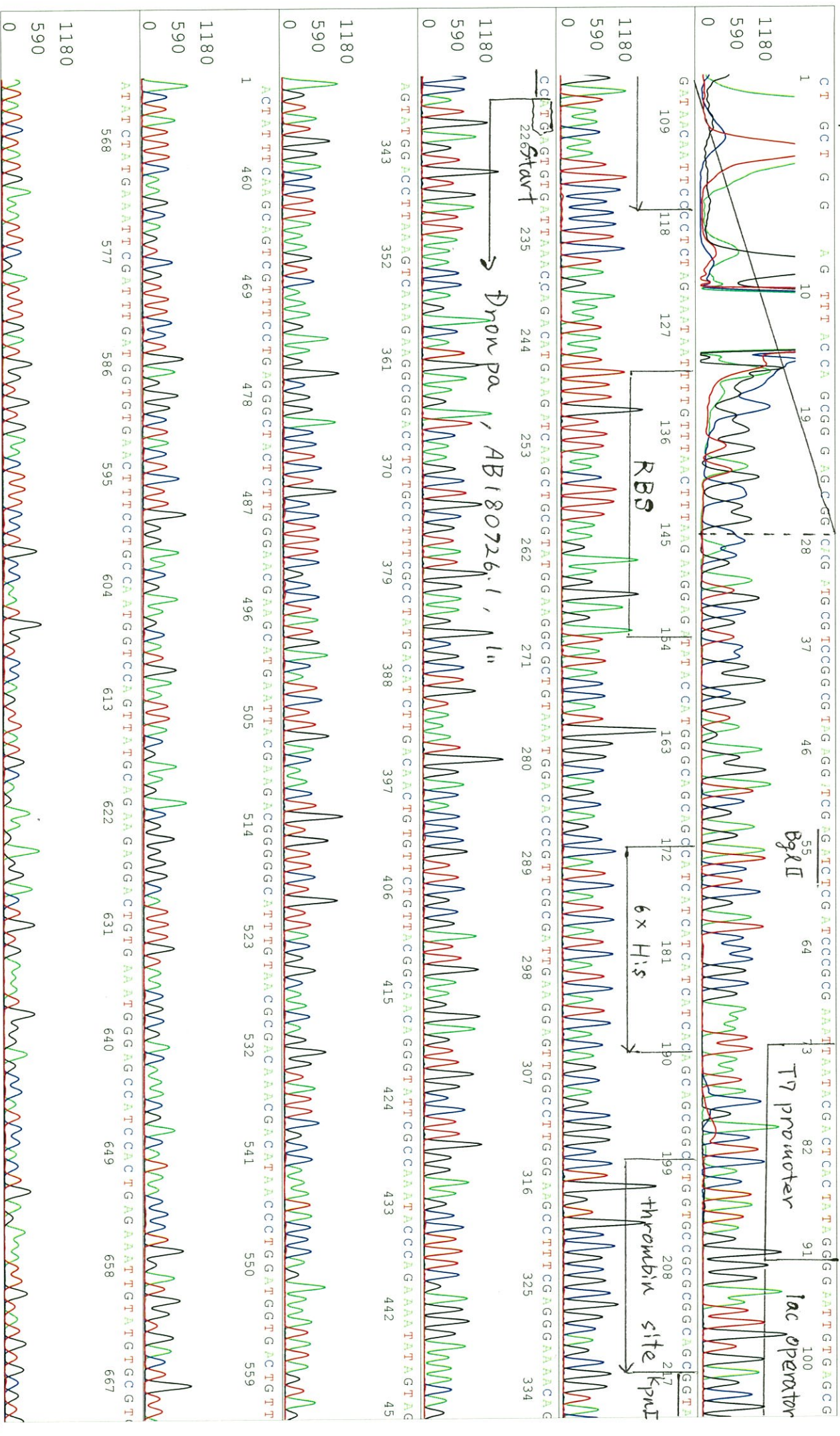
● Confirmation of the insertion sequence

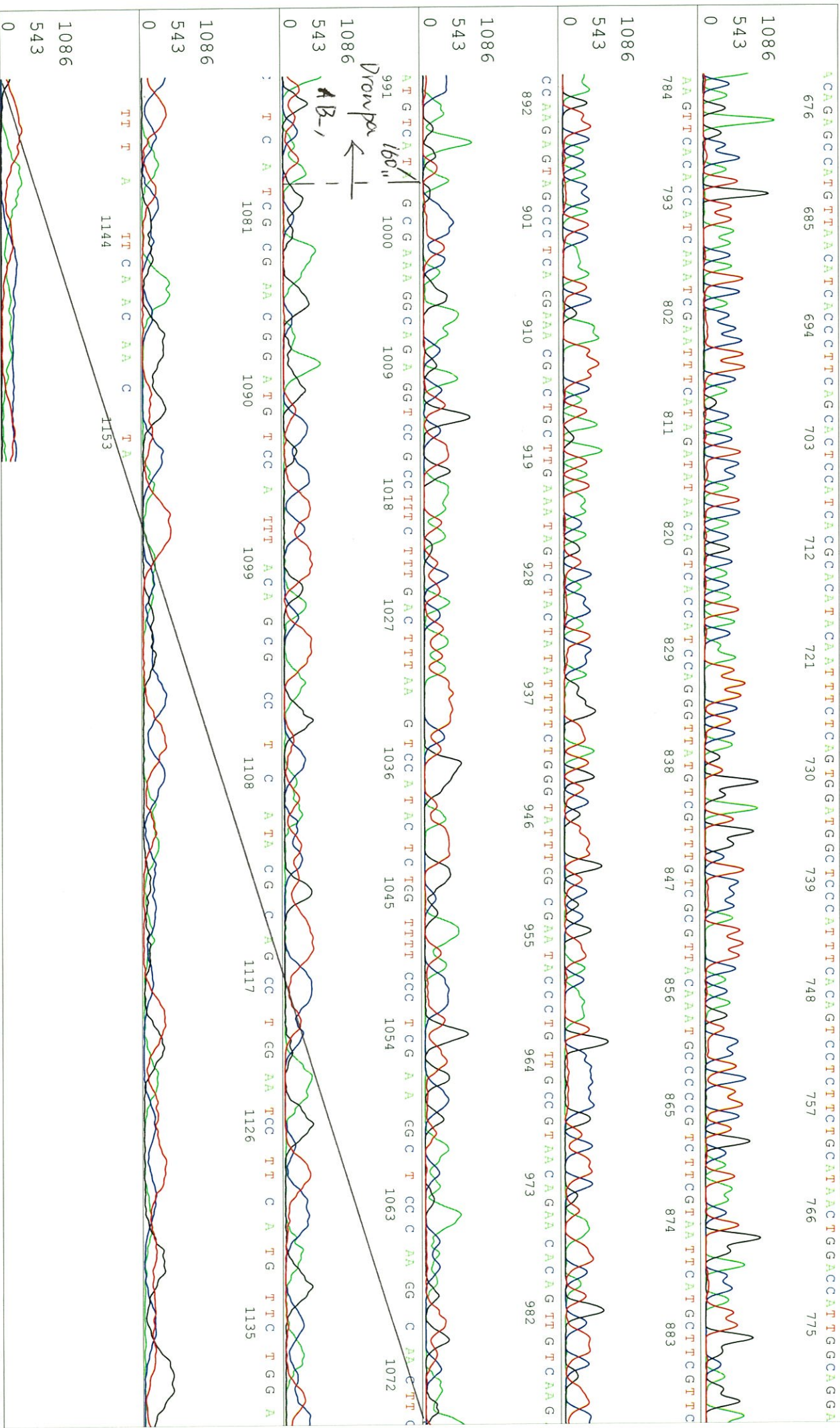
Sequence name	Primer name	Sequence name	Primer name
Sequence - A	pBR_BamHI_R2	Sequence - E	-
Sequence - B	T7 terminator	Sequence - F	-
Sequence - C	RV4	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY :



S/N G:151 A:201 T:168 C:171 primer name **A** : pBR_BamHI_R2
 KB.bcp KB 3500_POP7_BDTv3.mob
 KB 1.4.1.8 Cap.3 5-ATGTCGGCGATATAGCGGC-3' Pts 1395 to 12430 PK1 Loc:1372
 Version 6.0 HISQV Bases: 945





S/N G:105 A:70 T:71 C:88

primer name C : RV4

KB_3500_POP7_BDTv3.mob

Dec 07.2017 06:11PM, JST

KB.bcp

5'-GACGATAGTCATGCCCGCG-3'

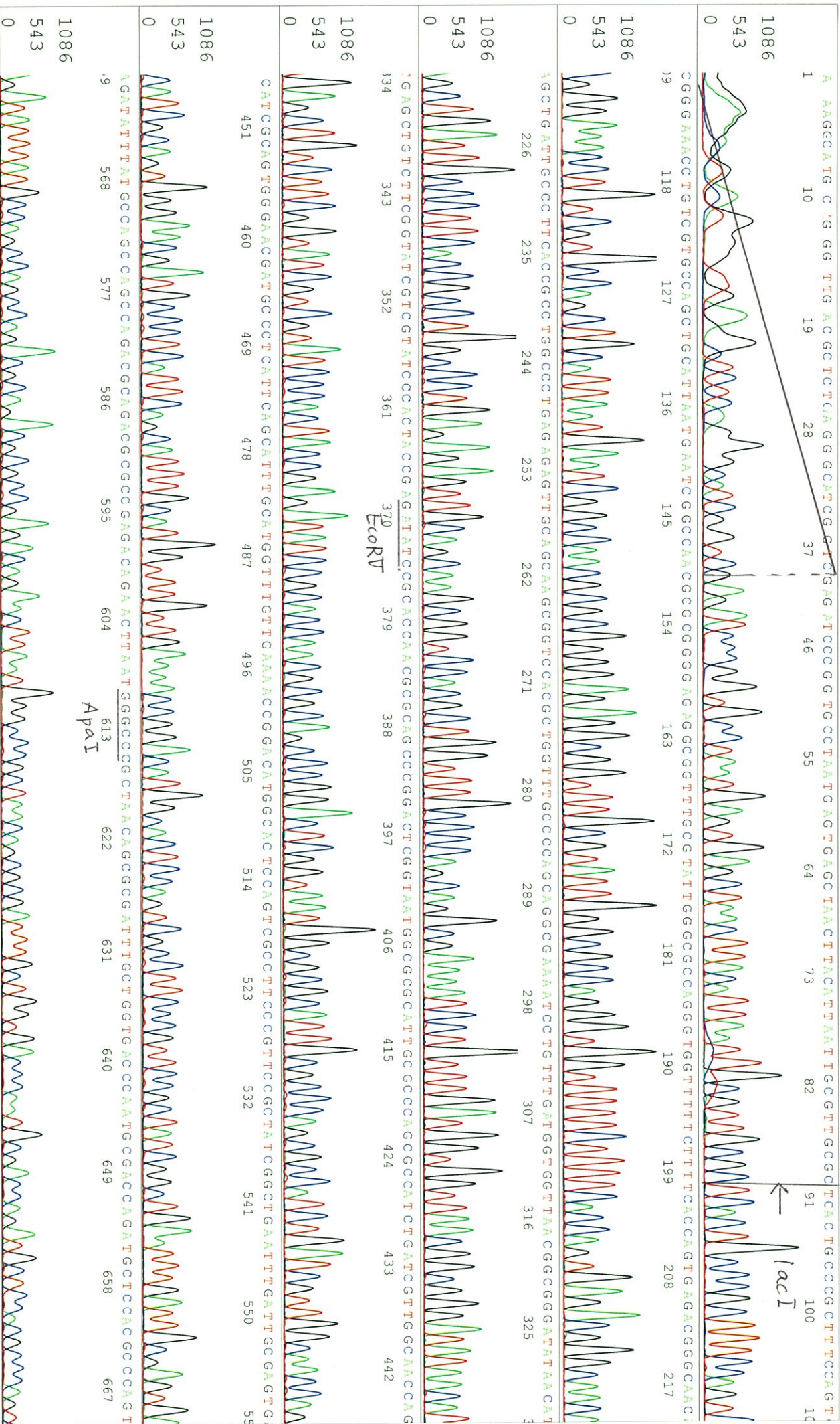
Pis 1433 to 12824 PK1 Loc:1410

Dec 07.2017 06:52PM, JST

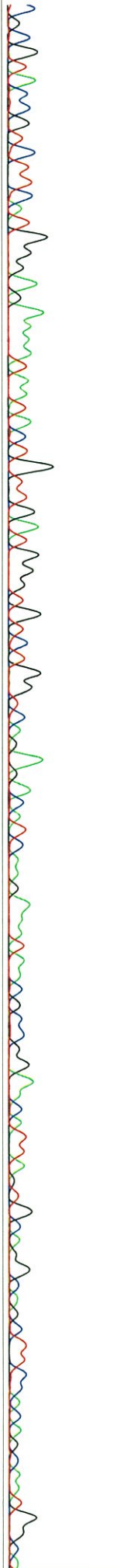
KB 1.4.1.8 Cap:19

Version 6.0 HISQV Bases: 968

Spacing:11.43 Pts/Panel1350
Plate Name: 20171207dhabank



CGCGTACCCTCTTCATGAGAAATTAATTAATCTGTTGATGGGTGCTGGTCCAGAGACATCAAGAAATTAACGCCCGGAAATTAAGTGCAGGCAAGCTCCACAACAATGGCA



MluI

TCCGTGTCATCCAGCCGATAGTTAATGATCAGCCCACTGACGGCTTGCCGCGAAGATTGTGCCACCCTTTACAGGCCTTCGACCGCTTACC

lacI

ATCGACACCAACCAAGCTGGCAACCCAGTTGATCCGGCTTGGAATTTAAATCGCCGCGACAAATTTGCCAGCGGCCTTGCAAGGGCCAGACTGGGATGTG

GCAACGCCAATCAAGCAACGACGTGTGCCCGCCGCCCCAGTTGTGTGCCACGCCTTGGGGAAATGTTAAATCAAGCCCTCCGCCATACTCG

CCGCTTCAAACCTTTTTCCTCCGCGTTTTCGCGAAGAAATCTCGTGGCTTGCCCCTTCTCAAC

TCGGGGG

TCGGGGG