

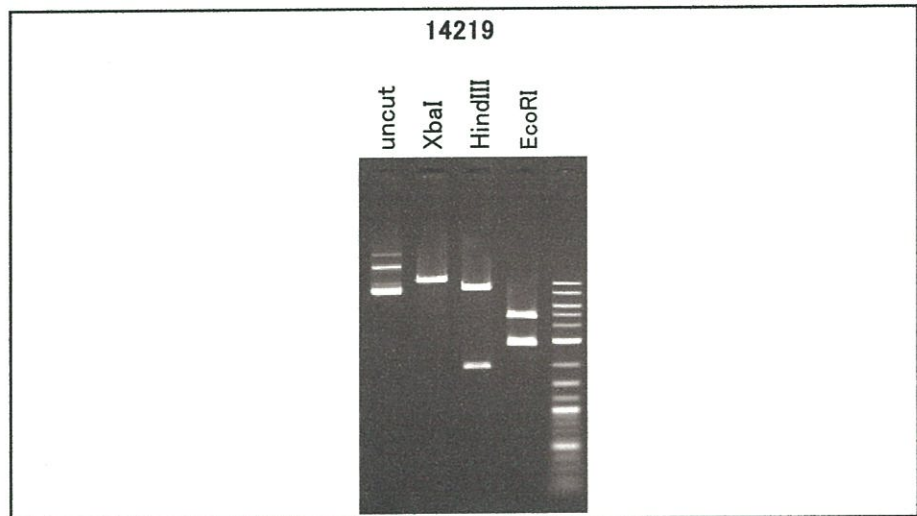
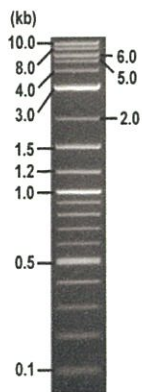


RIKEN DNA BANK

clone name : pcDNA5-FLAG/HA/SBP-TNRC6A

- Clone ID : RDB _ 14219
- Lot : 14219 _ A6Fu
- 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



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

Restriction enzyme	Expected size of fragment
<u>XbaI</u>	<u>10.5</u> kbp
<u>HindIII</u>	<u>8.5, 2.0</u> kbp
<u>EcoRI</u>	<u>4.7, 2.9, 2.9</u> kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	CMV-Forward	Sequence - E	-
Sequence - B	TNRC6A_NES-NLS-GW3	Sequence - F	-
Sequence - C	BGH_rev2	Sequence - G	-
Sequence - D	BGHpA_F	Sequence - H	-



APPROVED BY :

S/N G:150 A:149 T:121 C:166

primer name A : CMV-Forward

KB_3500_POP7_BDTV3.mob

Aug 05,2016 11:41AM, JST

KB.bcp

5'-GCACCAAAAATCAACGGGACTT-3'

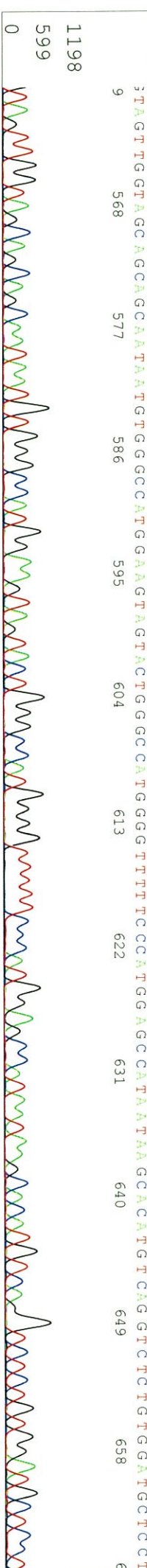
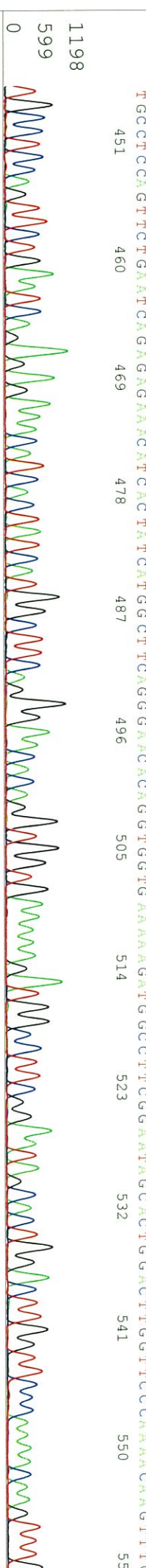
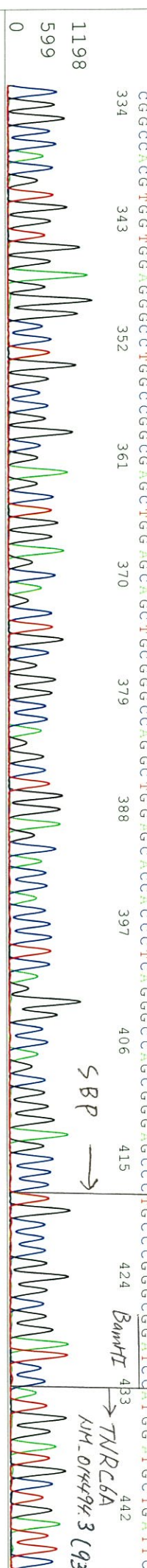
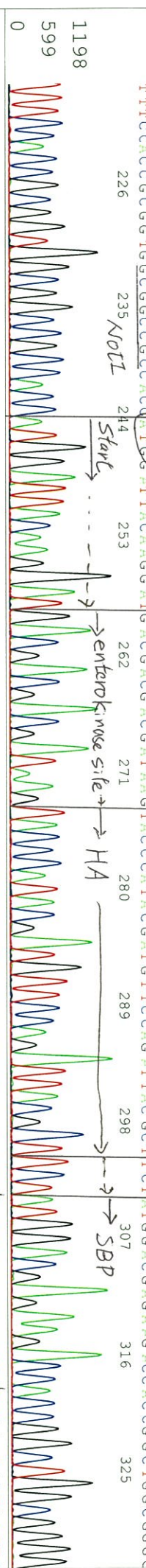
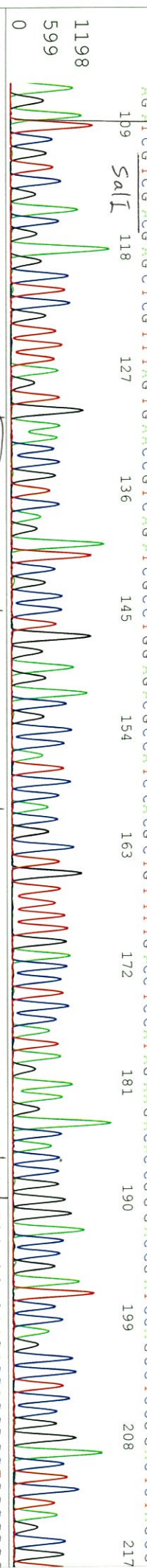
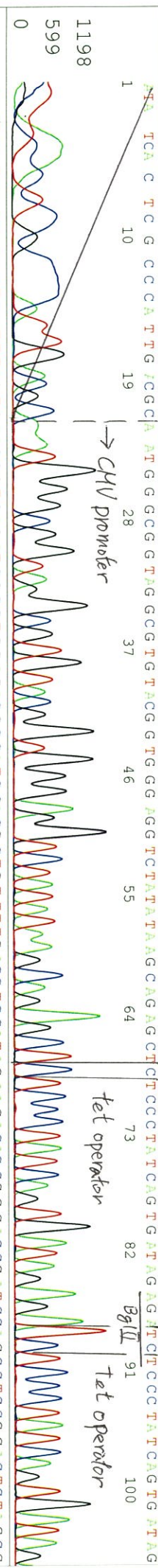
Pts 1567 to 12318 Pk1 Loc:1544

Spacing:10.96 Pts/Panel1350

KB 1.4.1.8 Cap:1

Version 6.0 HiSeqV Bases: 920

Plate Name: 20160805 kitaku



67 G A A A G C A A A T C T G A A A A G T A G C A A C A A T A G A A T G A A T G C T T G G G G C A C T G T A A G T T C C A T C A A A T G G A G G G T T A A A T C C A A G C A C T T T G A A T T C A G C T A G C
 676 685 694 703 712 721 730 739 748 757 766
 E C O R I

775 A A C C A T G G T G C C T G G C C A G T A T T A G A G A A C A A T G G A C T T G C C C T A A A A A G G C C T G T A G G A G T G G T A G T T C T G G C A T T A A T A T T C A G T G C A G
 784 793 802 811 820 829 838 847 856

865 T A C T A T A G G C C A G A T G C C T A A C A A T C A G A G T A T T A A C T C T A A A G T G A G T G G T G G T T C T A C C C A T G G T A C C T G G G G A A A G C C C T T
 874 883 892 901 910 919 928 937 94

NM_014494.3,
 (..1412..) → TNRC6A

6 T C A G A A A C T T T G T G A A A T C T G A A G T T A A G G T G G G T A C A C A G A A G T T T C C A A T T C C A G T T G A T C C A A A C C T C A A A T A
 955 964 973 982 991 1000 1009 1018

1027 T A T T A A C T A C T T T G G A A T T G G A A T T G G A C T G G A A C G A A T T A A C C T T A C C T T T A T A T
 1036 1045 1054 1063 1072

T G



SN G:105 A:110 T:137 C:174

primer name B : TNRC6A_NES-NLS-GW3

KB_3500_POP7_BDTV3.mob

KB.bcp

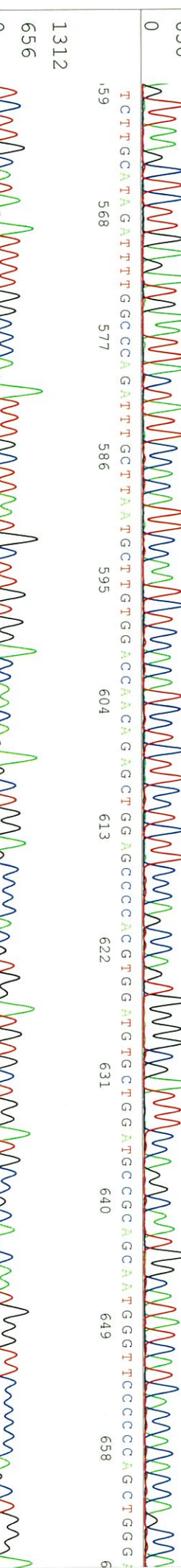
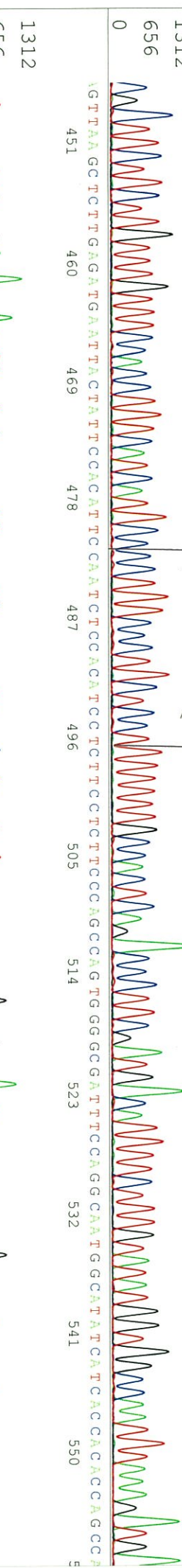
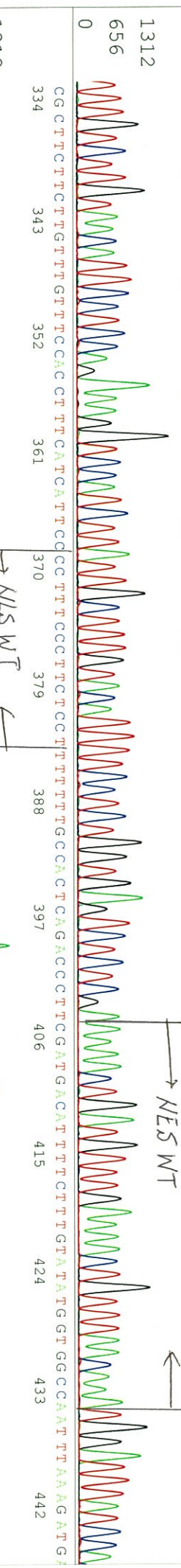
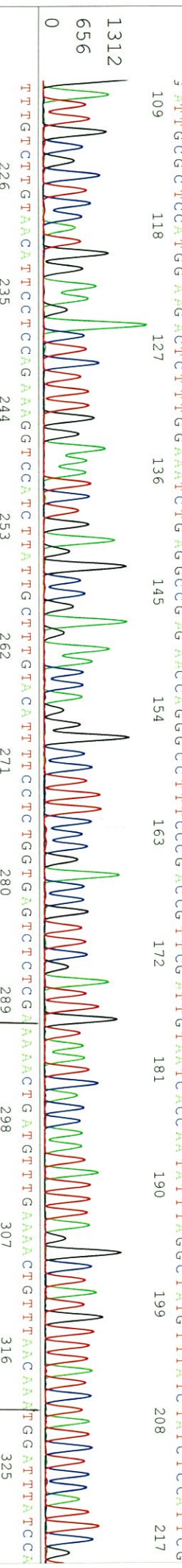
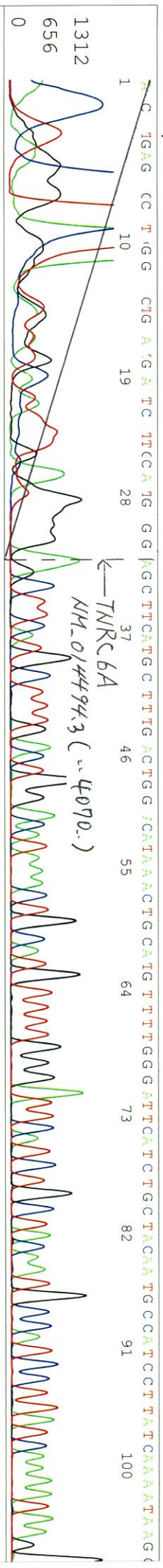
KB 1.4.1.8 Cap:4

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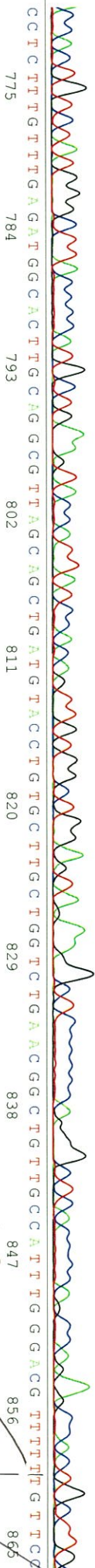
Pis 1479 to 12357 Pk1 Loc:1456

Version 6.0 HISQV Bases: 923

Plate Name: 20160805 kitaku



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CCCACTGTCCTATTGGGGCTTACCCTCATGCTGAAGTACCATTATCCACAGTTGTGGCTGGAGTAGAAAGGCTCCCTCCAGGGCTCAACCCAGAGCCACTGGCTTG



NM_014494.3,
C...3241...)

TNRC6A

775 784 793 802 811 820 829 838 847 856 865
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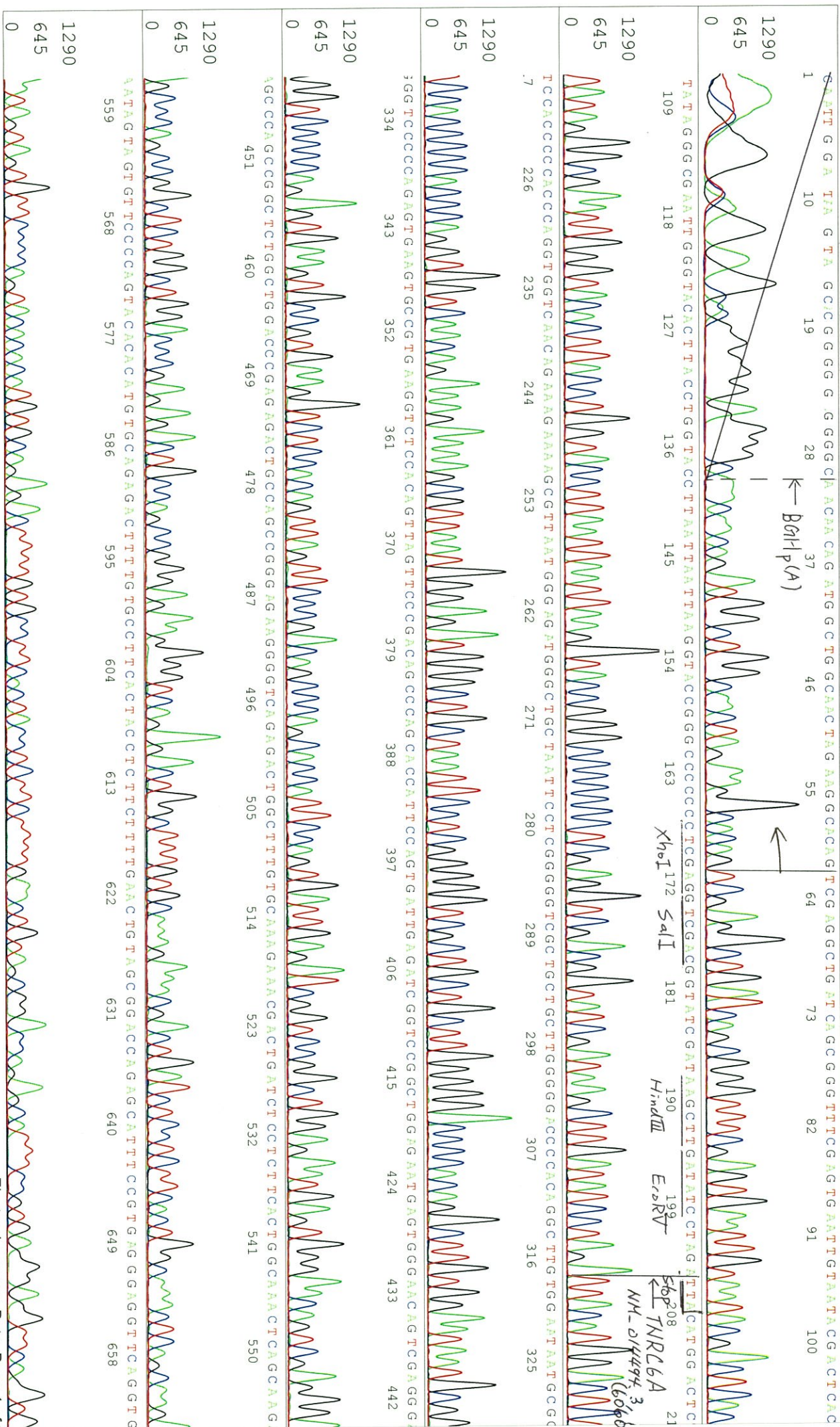
874 883 892 901 910 919 928 937 946 955
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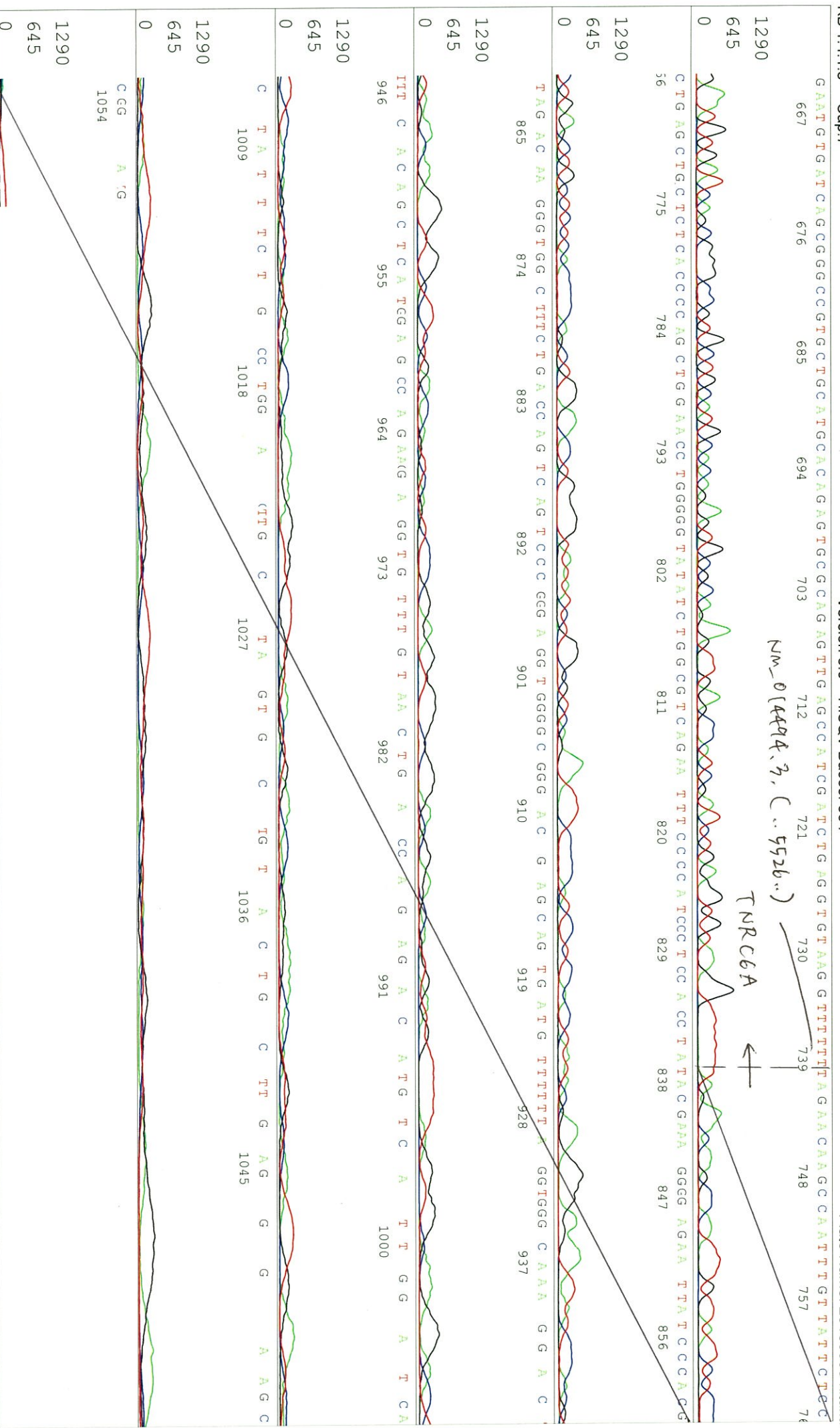
964 973 982 991 1000 1009 1018 1027
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1036 1045 1054 1063 1072 108
CAA G CC TGG TTA CC A G A GGA TTT G C TG T A G C T TT G C TT G G T T G G T A T A G C C C C AA A GA A

1
A T C C A







S/N G:202 A:173 T:187 C:282 primer name Φ : BGHpa_F

KB:bcp

KB 1.4.1.8 Cap:10

5-AAATGAGGAAATTGCATCGC-3'

