

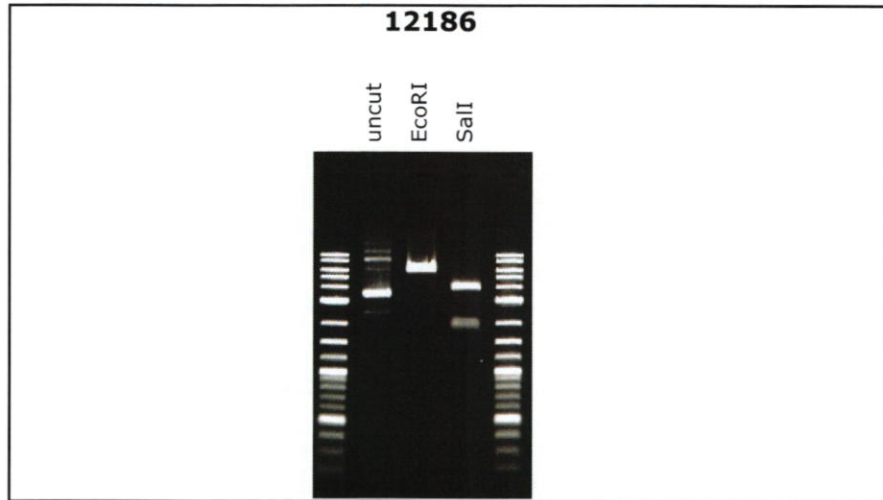
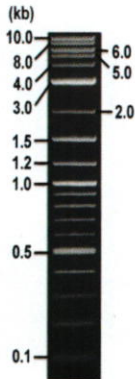


RIKEN DNA BANK

clone name : pcDNA3.1-pA83-Tead4VP16

- Clone ID : RDB _ 12186
- Lot : 12186 _ A4Fu
- 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

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
EcoRI	6.5 kbp
SalI	4.3, 2.2 kbp
	_____ kbp
	_____ kbp

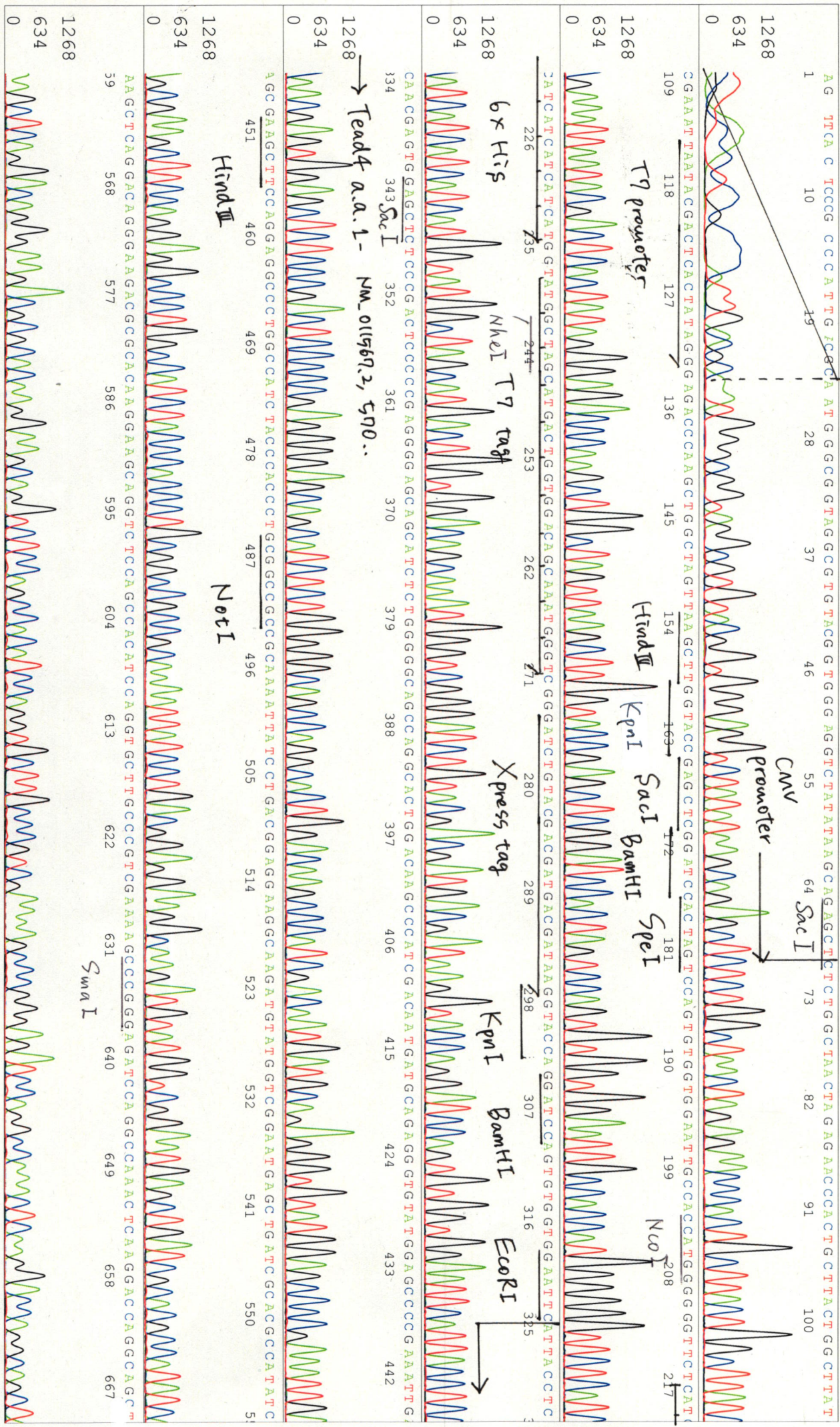
● Confirmation of the insertion sequence

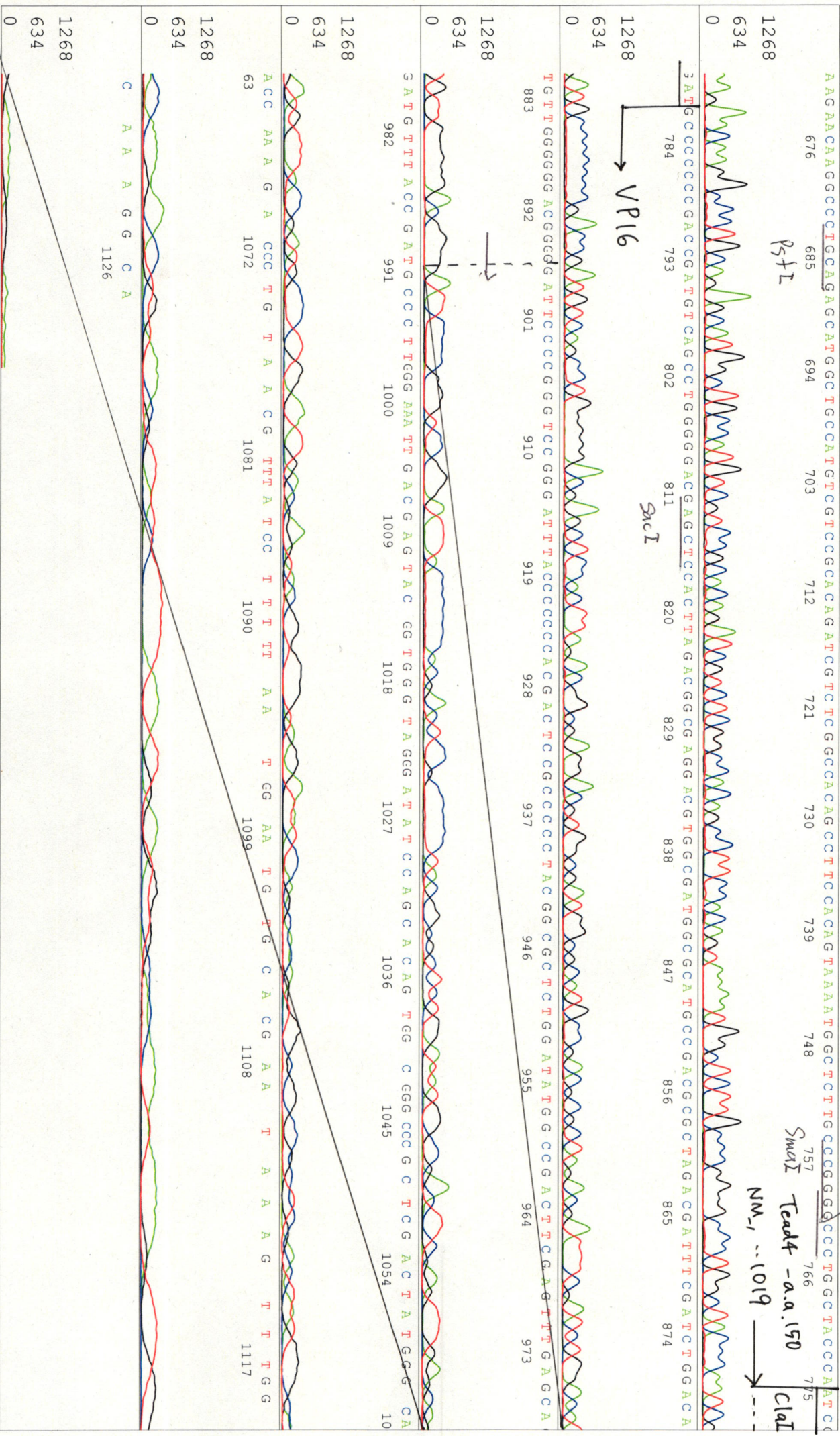
Please be sure to check our sequence analysis results before your request.

Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0016	CMV_Forward	CMV pro,T7 pro,6XHis,T7 tag,Xpress tag,insert 5'(Tead4_VP16)
Sequence - B	Pr0763	GNP Primer #10	TRF2 3'-UTR and pA.insert (Tead4_VP16),Xpress tag,T7 tag,6XHis
Sequence - C	Pr0606	BGH_rev2	bGHpA,TRF2 3'-UTR and pA
Sequence - D	Pr0110	SV40pro_F	SV40 pro_ori,NeoR
Sequence - E	-	-	-

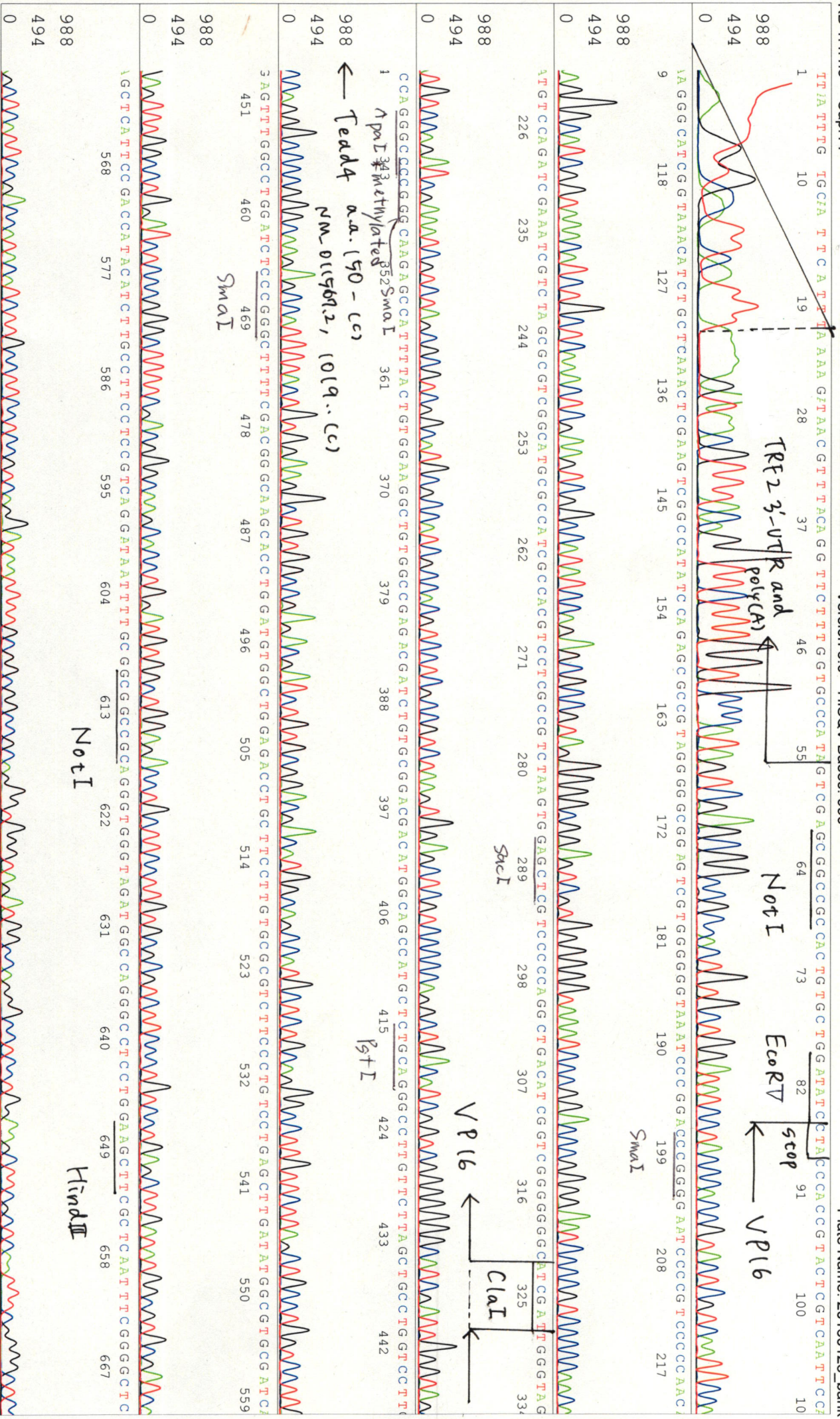


APPROVED BY :





primer name **g** : GNP_primer#10
5'-TTTTTTTTTTTTTTTTTTCTT-3'



CATACACCCCTCTGCAATCATGTCCGATGGGGCTTGTCCAGTGGCCCTGGCCCTGCCCCCAAGAGTGGCTGCTCCCTCCGGGGAGTCCGGGAGAGCTCCGCTCCACCTCCGTTGGGAGGTAATGAA

SacI 757

Tead4
- a.a. 1(cc)
NM-1 .. 590(cc)



TTCCACCCACACTGGGATCCCTGTTACCCTTATCGTCCGTTACAGATCCCGACCCATTGCTGTCACCCAGTCAATGCTAGCCATACCATTGATGATGATGATG

EcoRI 784

BamHI KpnI

Xpress tag

T7 tag

6x His

GAAACCCCACTGTGGCAATTTCCACCACTGGACTCCGAGCTCGGTACCAAAGCTTTAACTAGCCAGCCTTGGGCTCCCTATTAGTGAAGTAA

NcoI

SpeI BamHI SacI KpnI HindIII

TTAA TTT CGATAAGCCAGTAA GCA GTG G TCTCTAGTTAGCCCAAGAGAGCTCTCTGCTTATAATA GACC TCCCAACCGTACACCGCC TAA C

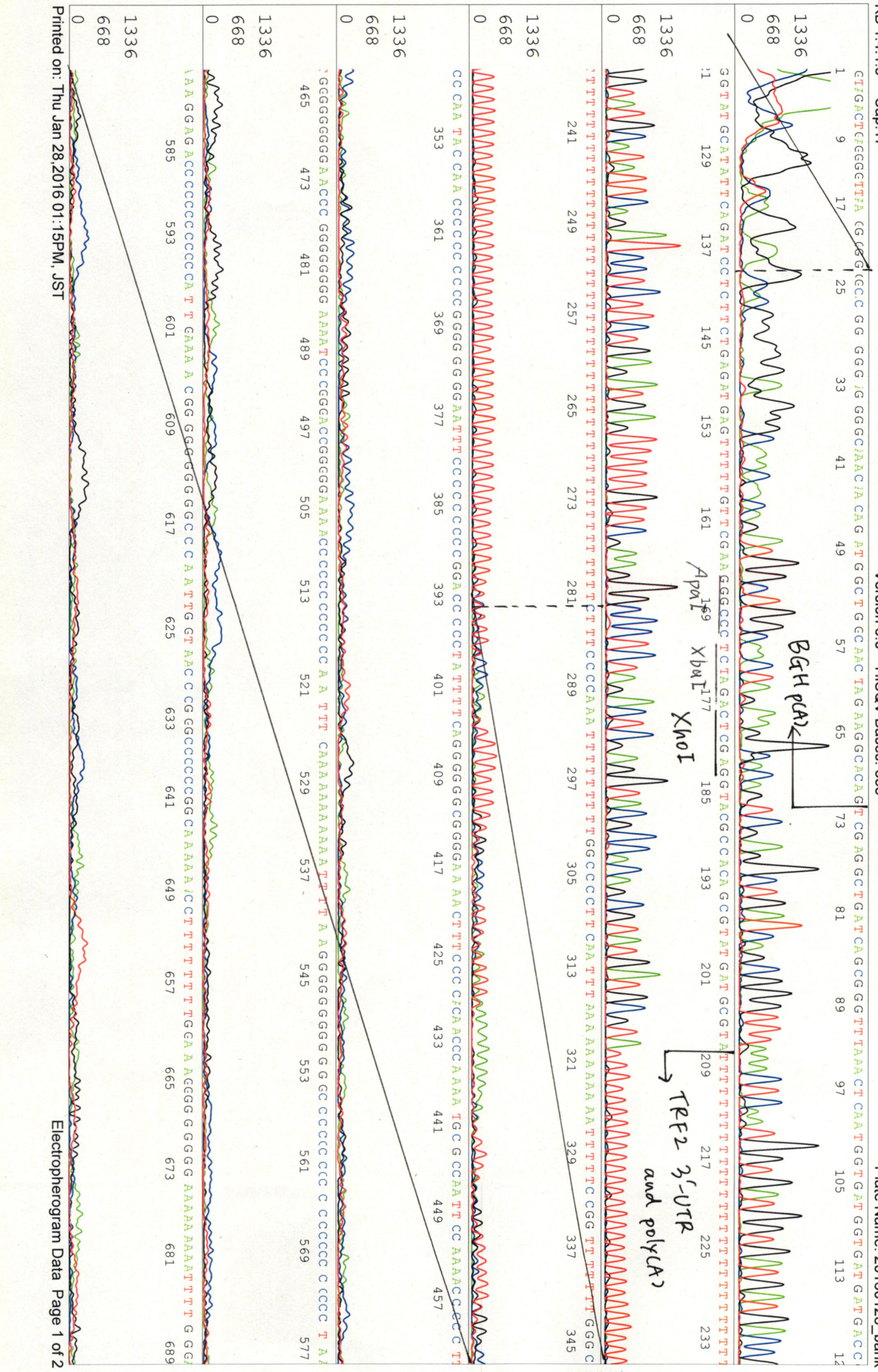
991 1000 1009 1018 1027 1036 1045 1054 1063 1072

G C C A T T G C G T C A A T G G G G G G G T G T A C G A C A T T T G A G G T C C A T T G A G A T T G G T T G G T T

1081 1090 1099 1108 1117 1126

C C A A C A T T C C A A T G G G G G G G T G T A C G A C A T T T G A G G T C C A T T G A T T G G T T

1135 1144



primer name **D** : SV40pro_F

5- TATTATGACAGAGCCGAGG-3'



TCTCGTCCGATCCCATGGCGATGCCCTGCTTGCCTGAAATATCATGGTGGAAATGGCCGCTTTCTGATTCATCGACTGTGGCCGGCTGGTGTGGCACTC
 685 694 703 712 721 730 739 748 757 766 775 784
NcoI

