

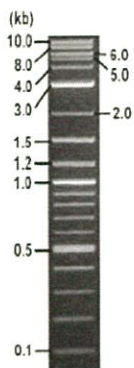


RIKEN DNA BANK

clone name : pBRPyCAG-Klf4-IP

- Clone ID : RDB\_07102
- Lot : 07102\_A8Et
- 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 : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment	
<b>XhoI</b>	<b>8.7</b>	kbp
<b>BamHI</b>	<b>8.4, 0.3</b>	kbp
<b>PstI</b>	<b>3.4, 2.7, 2.6</b>	kbp
		kbp
		kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	pAxCA_F1	Sequence - E	-
Sequence - B	CSII-CMV3'	Sequence - F	-
Sequence - C	CMV_en_R	Sequence - G	-
Sequence - D	BGH_rev2	Sequence - H	-

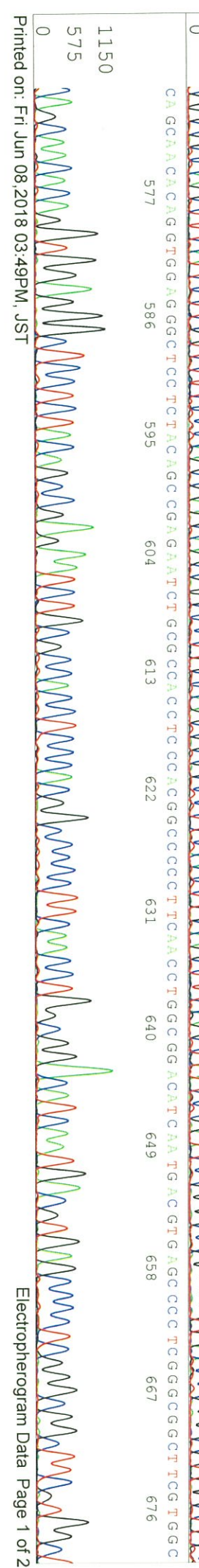
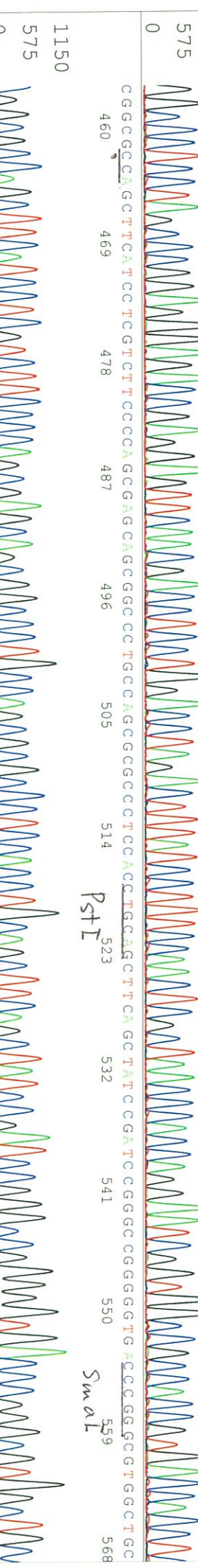
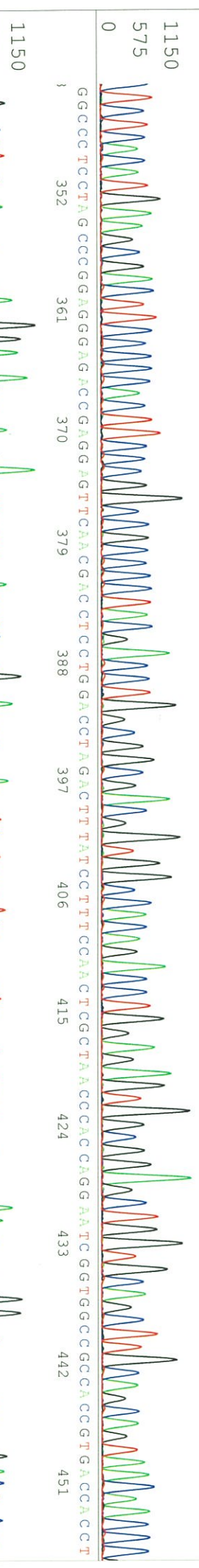
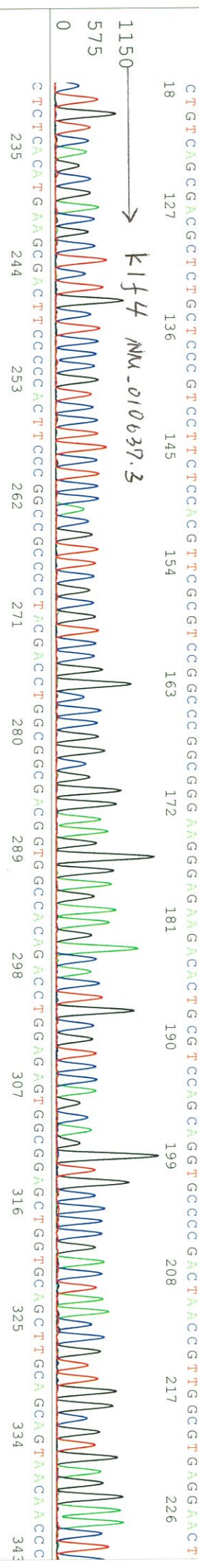
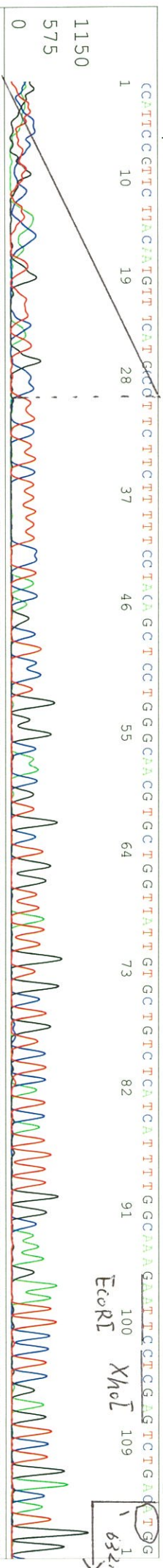


APPROVED BY :

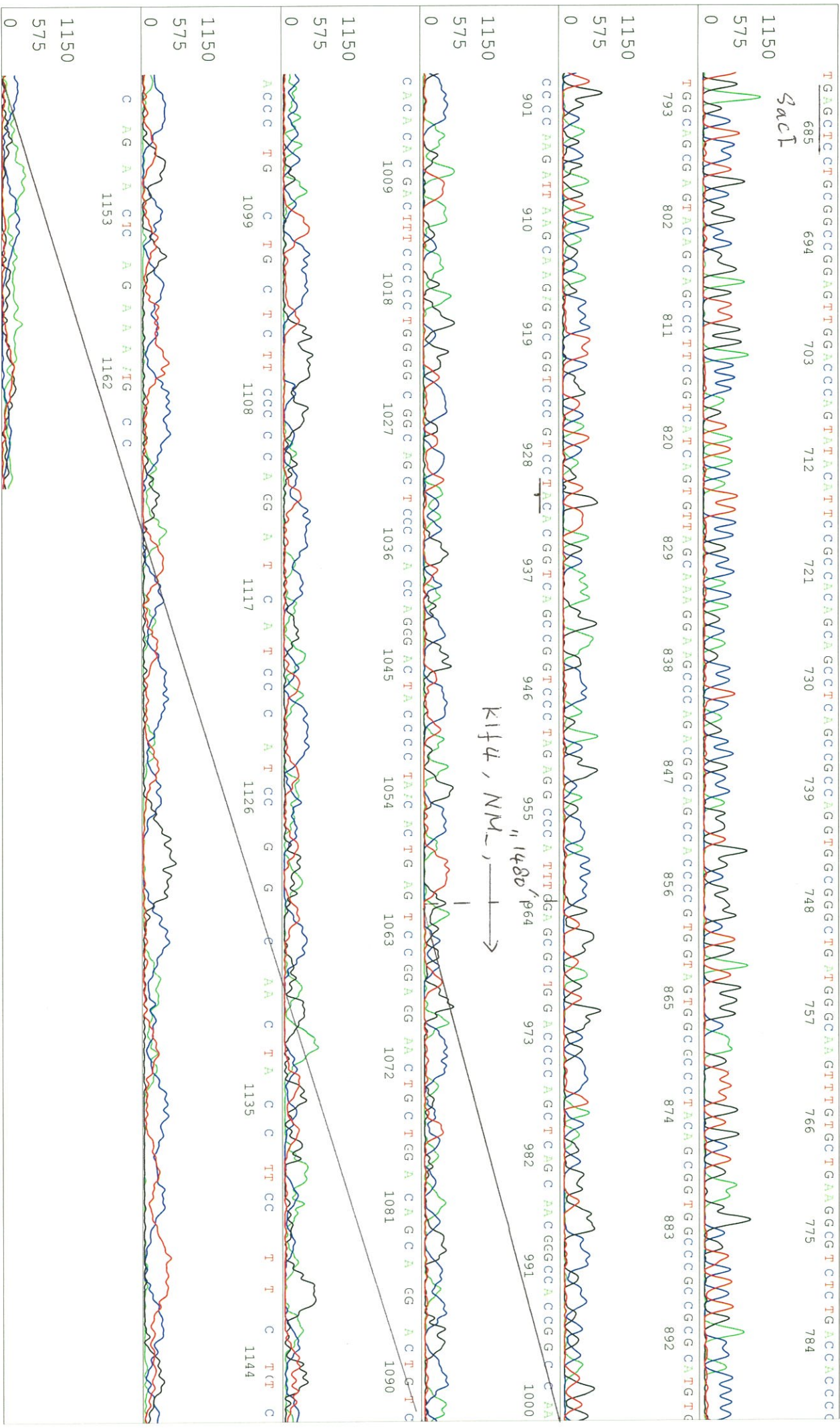
EcoRI

XhoI

632

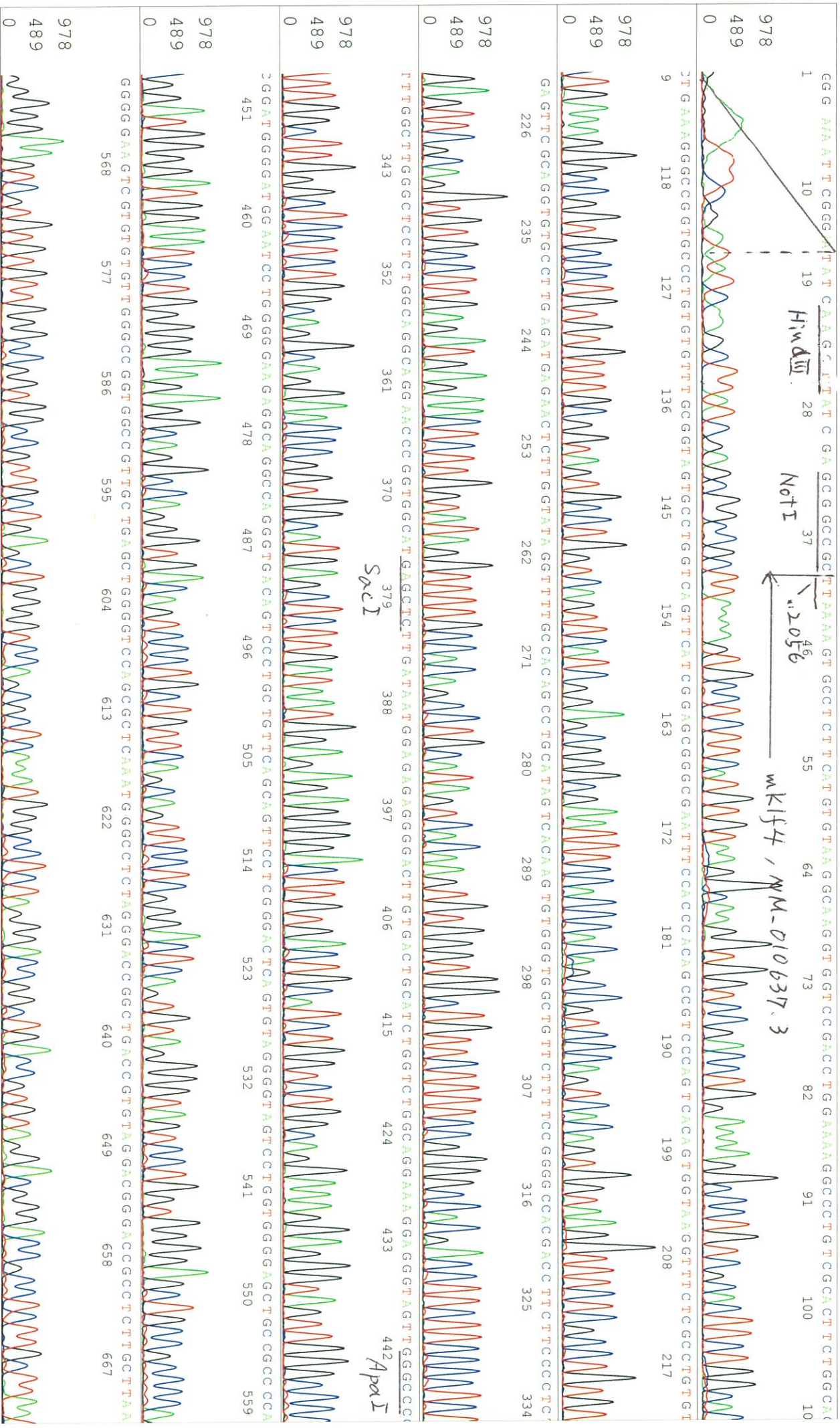




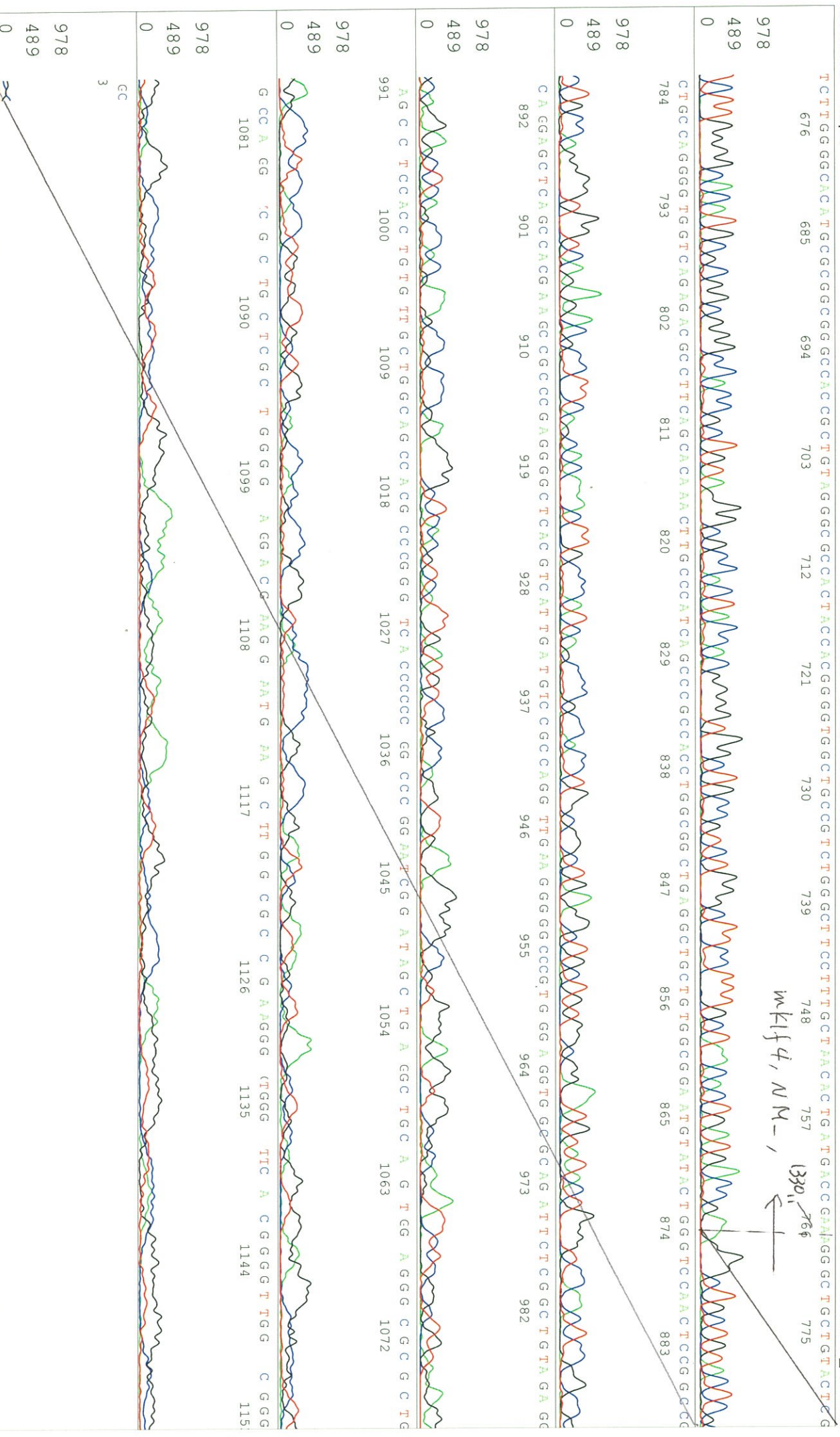




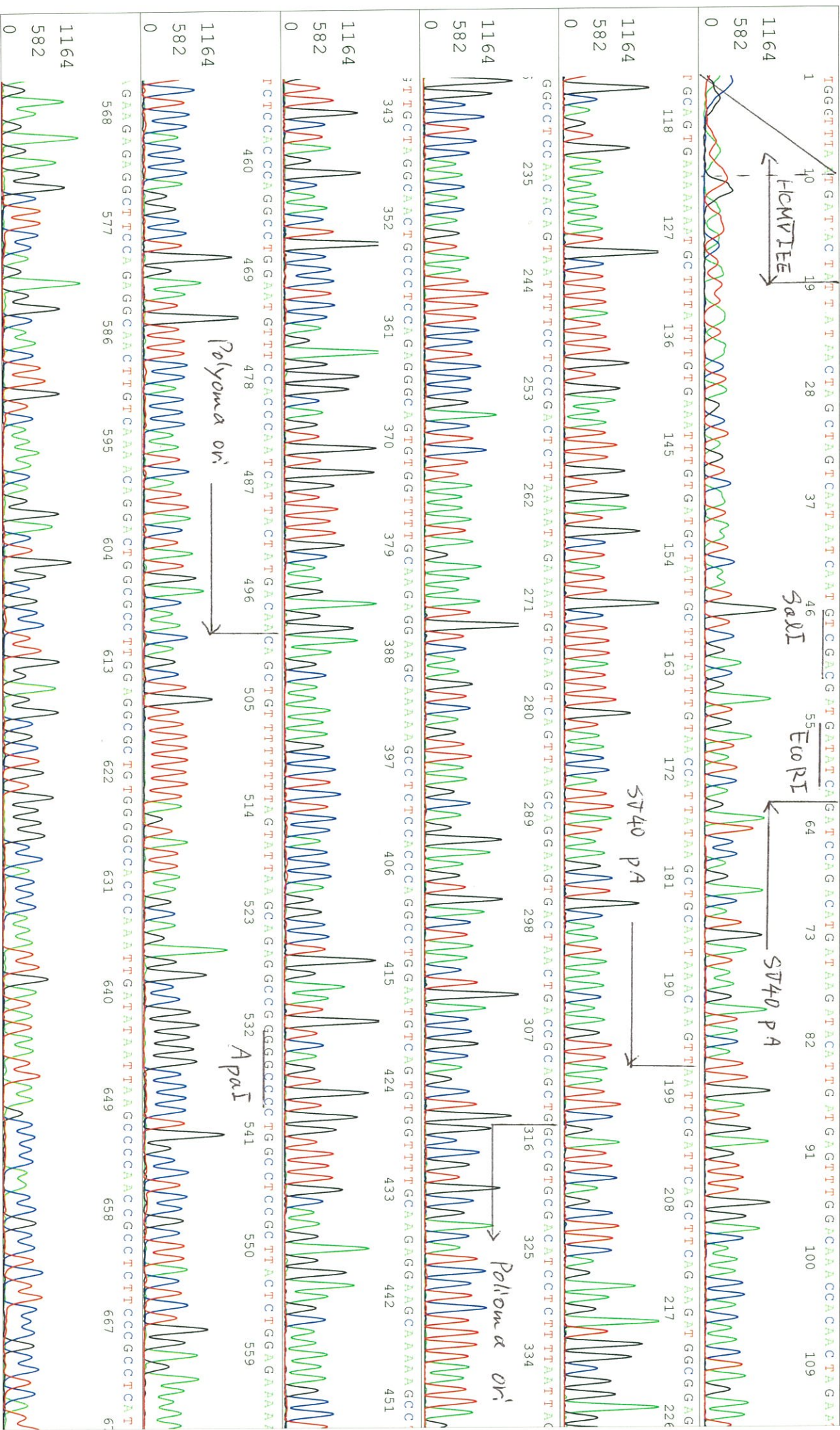
primer name  $\beta$  : CSII-CMV3'  
5'-GGCTTCGGCCAGTAACGTTAGG-3'  
Version 6.0 HISQV Bases: 1016



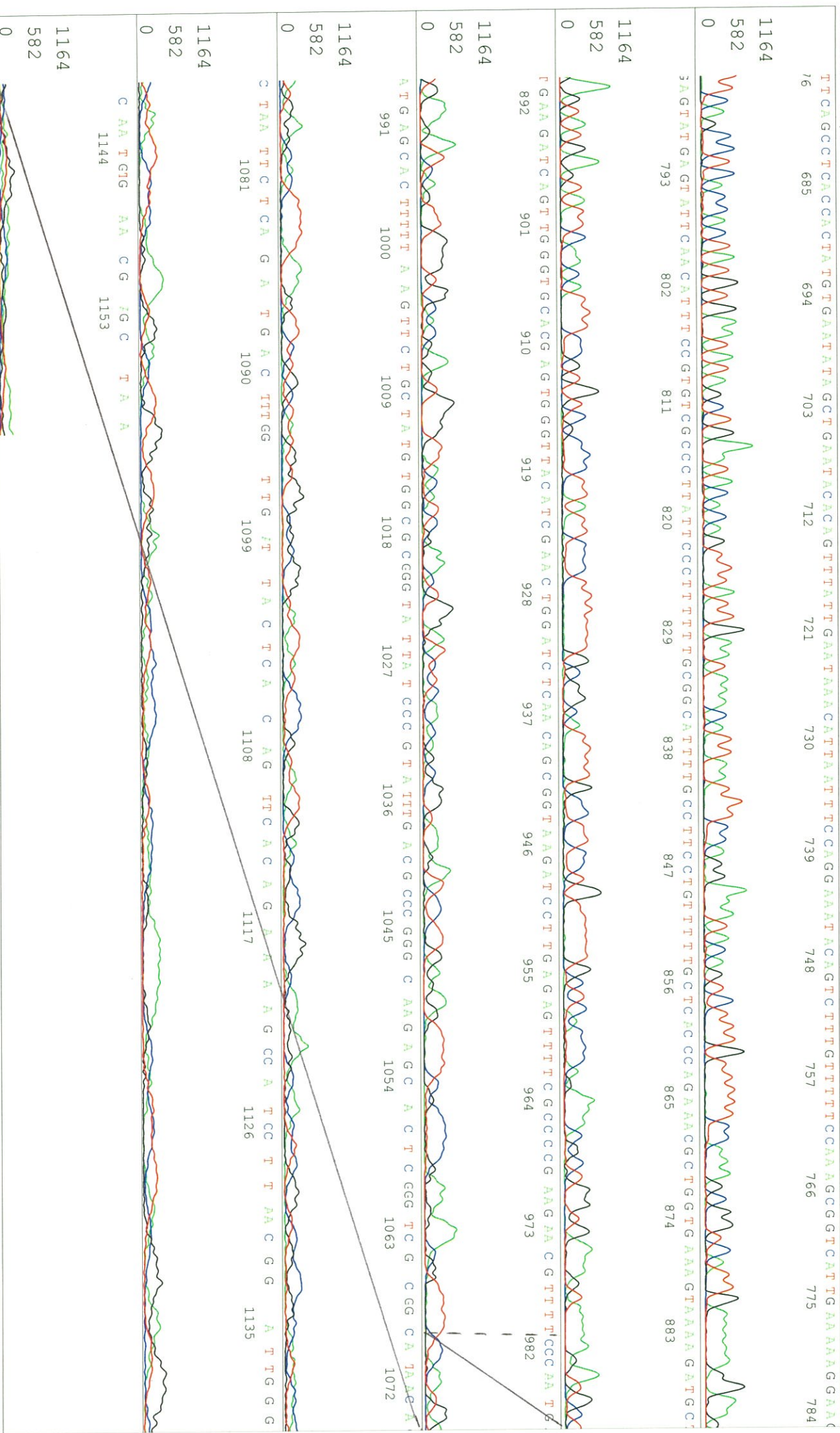














primer name **Ⓜ** : BGH\_rev2

5-TATTAGGAAAGGACAGTGGG-3'

