

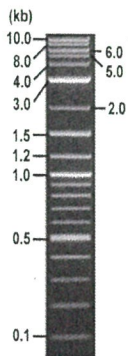


**RIKEN DNA BANK**

clone name : pMXs-3xFLAG-KLF4(R473A)

- Clone ID : RDB \_ 19012
- Lot : 19012 \_ B1Ec
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : NEB stable
- 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
<b>BamHI</b>	<b>6.1</b> kbp
<b>SalI</b>	<b>6.1</b> kbp
<b>BamHI+SalI</b>	<b>4.6, 1.5</b> kbp
	kbp

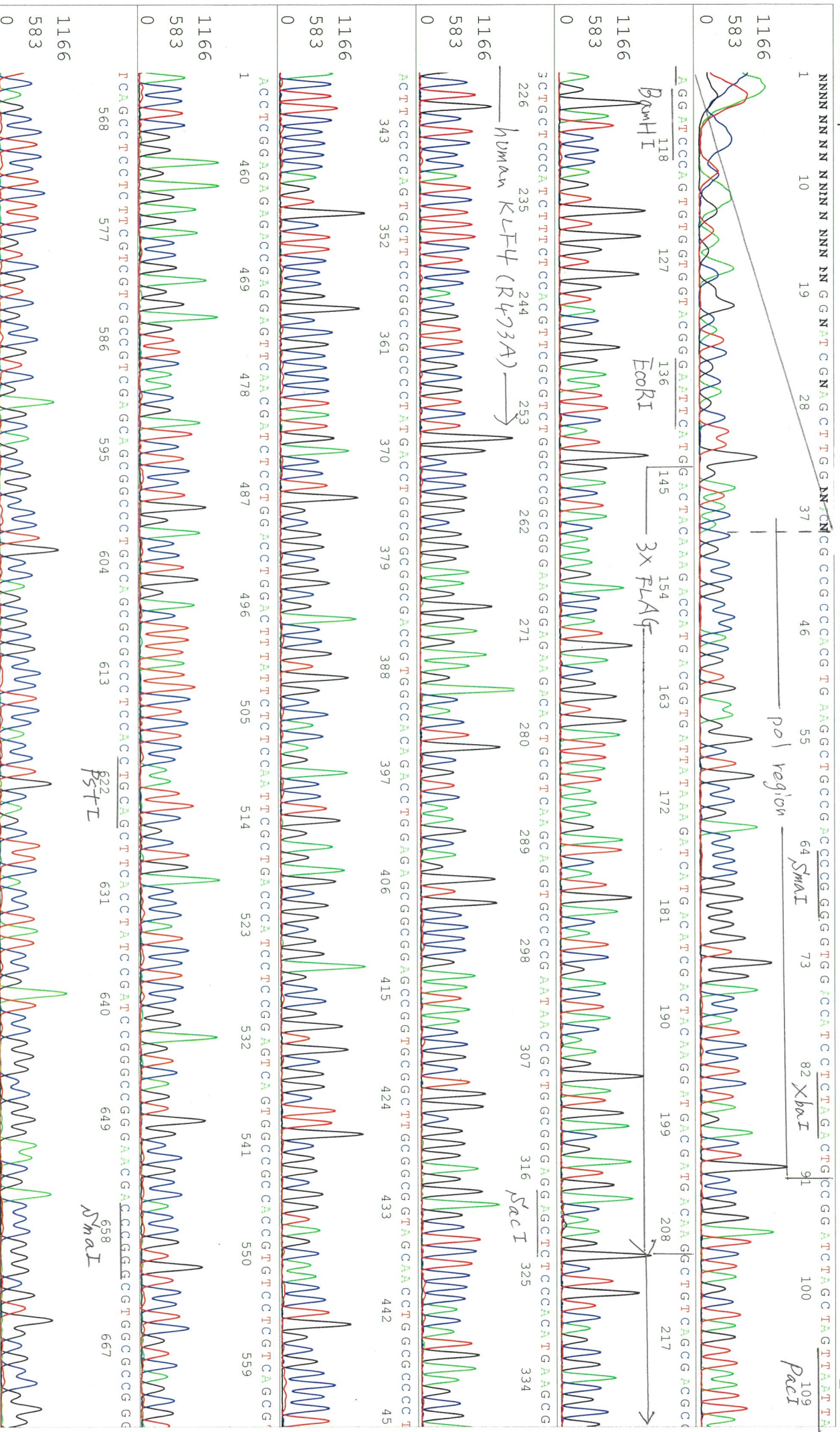
● Confirmation of the insertion sequence

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

Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0352	MMLV-pol_F	pol region,insert 5'(3xFLAG,hKLF4(R473A) 5')
Sequence - B	Pr0365	pMXs-3LTRup_R2	insert 3'(hKLF4(R473A) 3')
Sequence - C	Pr0745	gag-N_R	MMLV psi,5' LTR
Sequence - D	Pr0724	lacIpro-B_F	3' LTR
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

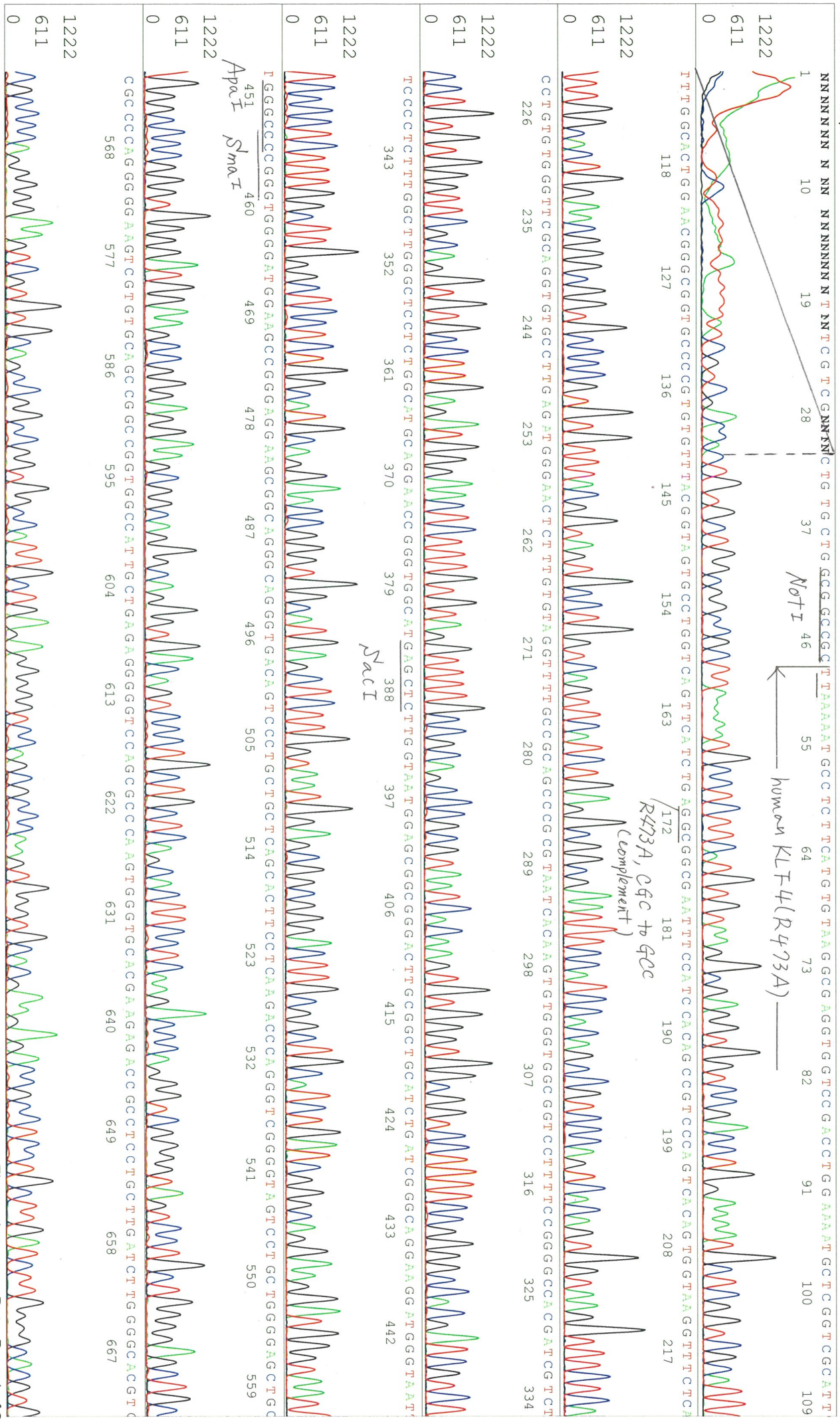






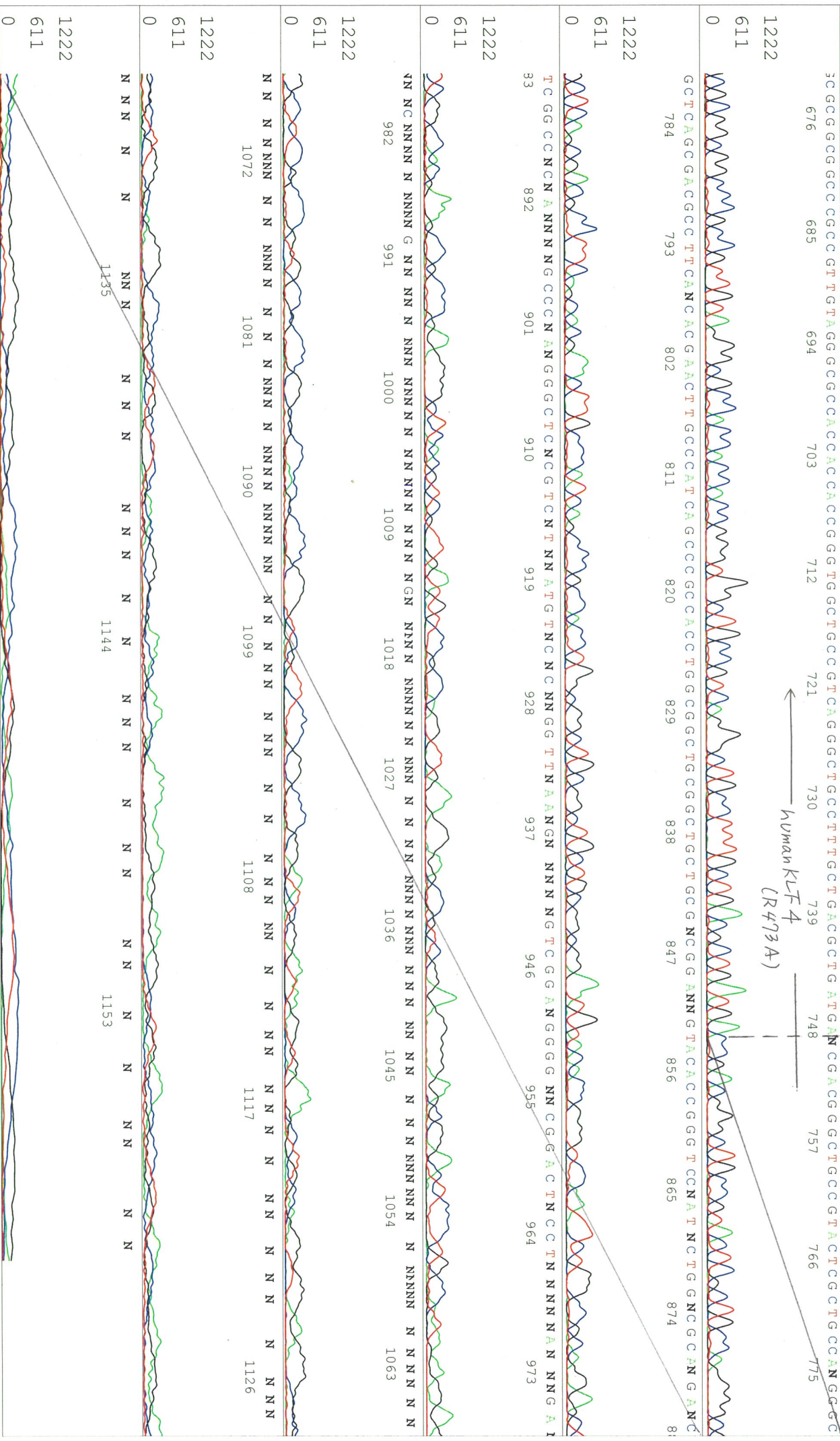








S/N G:78 A:36 T:38 C:44  
KB.bcp  
KB 1.4.1.8 Cap:4





S/N:G:54 A:37 T:27 C:34

primer name C : gag-N\_R

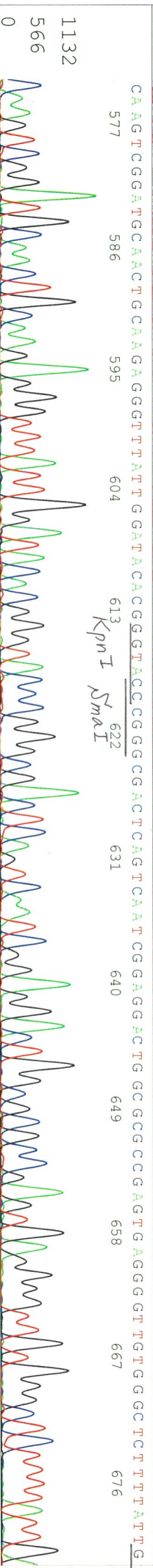
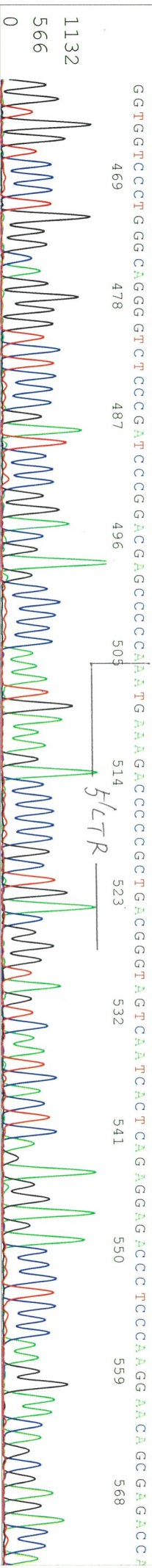
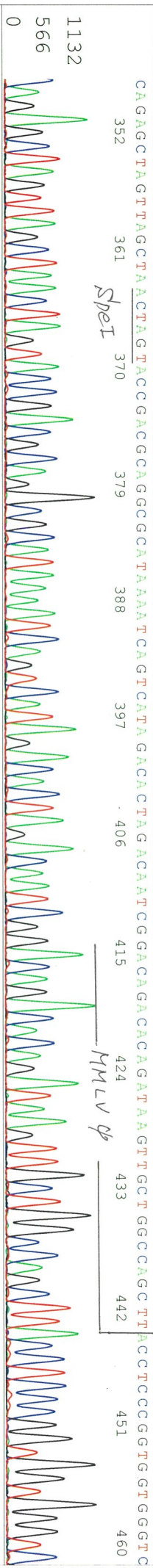
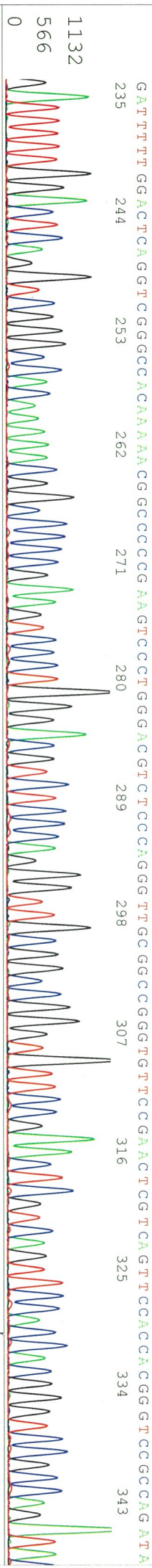
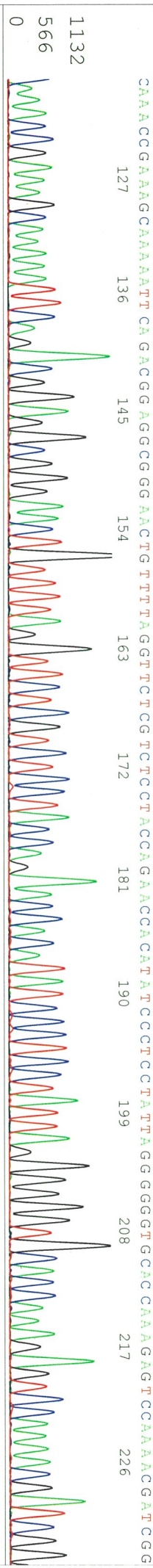
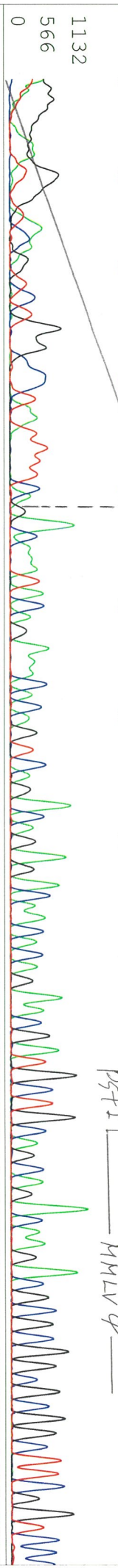
KB.bcp

KB 1.4.1.8 Cap:13

5'-ACATCTTTCCAGTGACCTAAG-3'

Version 6.0 HISQV Bases: 906

1	10	19	28	37	46	55	64	73	82	91	100	109	118
NNNN	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN	NNNN









1 10 19 28 37 46 55 64 73 82 91 100 109

NNNNNNNN NNN NNN N NN N NNNNNN NN TNN G T G AN C G AN G AN N C G A A G AN G C G C C C A A T A C G C A A A C C C G C T C T C C C C G C G C T T G C C G A T T C A T T A A T G C A A C T A T G C C A  
T T T A A T G T A A A T A C T T T A A G A A A A A A A C C A A A T T A A T T T G A T A C A T G C T G C A T G T G A A A G A C C C C C G C T G A C G G G T A G T C A A T C A C T C A G A G G A G A C C C T C C C A A G A A C A

3'LTR

1316  
658  
0  
G C G A G A C C A A G T C G G A T G C A A C T G C A A G A G G G T T T A T T G G A T A C C G G G T A C C C G G G A C T C A G T C A A T C G G A G G A C T G C C G C C C G A G T G A G G G T T G T G G G C T C T T T T  
26 235 244 253 262 271 280 289 298 307 316 325 334  
KpnI SmaI

1316  
658  
0  
A T T G A G C T C G G G A G C A A G C G C G C G A A C A G A A G C G A A G C G A A C T G A T T G G T T A G T T C A A A T A A G G C A C A G G G T C A T T T C A G G T C T T G G G G C A C C T G G A A A C A T C T G A T  
343 352 361 370 379 388 397 406 415 424 433 442 451  
SacI

1316  
658  
0  
G G T T C T C T A G A A A C T G C T G A G G G C T G G A C C G C A T C T G G G G A C C A T C T T T G G C C T G A G C C G G G C A G G A A C T G C T T A C C A C A G A T A T C C T G T T T G G C C A T A T T C A G C  
460 469 478 487 496 505 514 523 532 541 550 559  
XbaI EcoRV

1316  
658  
0  
T G T T C C A T C T G T T C T T G G C C C T G A G C C G G G G C A G G A A C T G C T T A C C A C A G A T A T C C T G T T T G G C C C A T A T T C A G C T G T T C C A T C T G T T C C T G A C C T T G A T C T G A A C T T C T C  
568 577 586 595 604 613 622 631 640 649 658 667

3'LTR

1316  
658  
0



