

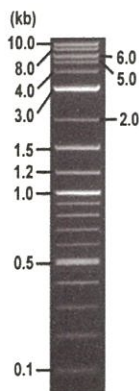


RIKEN DNA BANK

clone name : FLAG-His-eIF5A on pcDNA3.1

- Clone ID : RDB _ 13751
- Lot : 13751 _ A6A5
- 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),
125 ng/well



Electrophoresis : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>EcoRI</u>	<u>6.0</u> kbp
<u>NcoI</u>	<u>3.3, 1.2, 0.8, 0.7</u> kbp
_____	_____ kbp
_____	_____ kbp
_____	_____ kbp

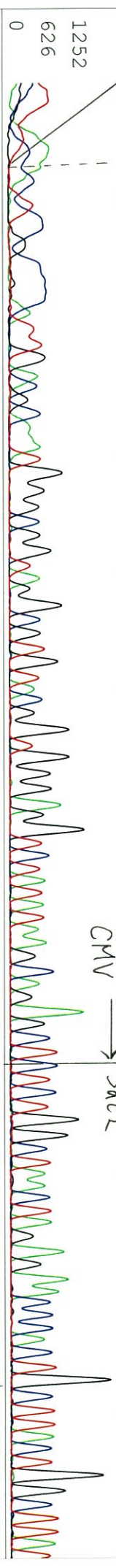
● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	CMV-Forward	Sequence - E	-
Sequence - B	SV40pro_F	Sequence - F	-
Sequence - C	-	Sequence - G	-
Sequence - D	-	Sequence - H	-



APPROVED BY :

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



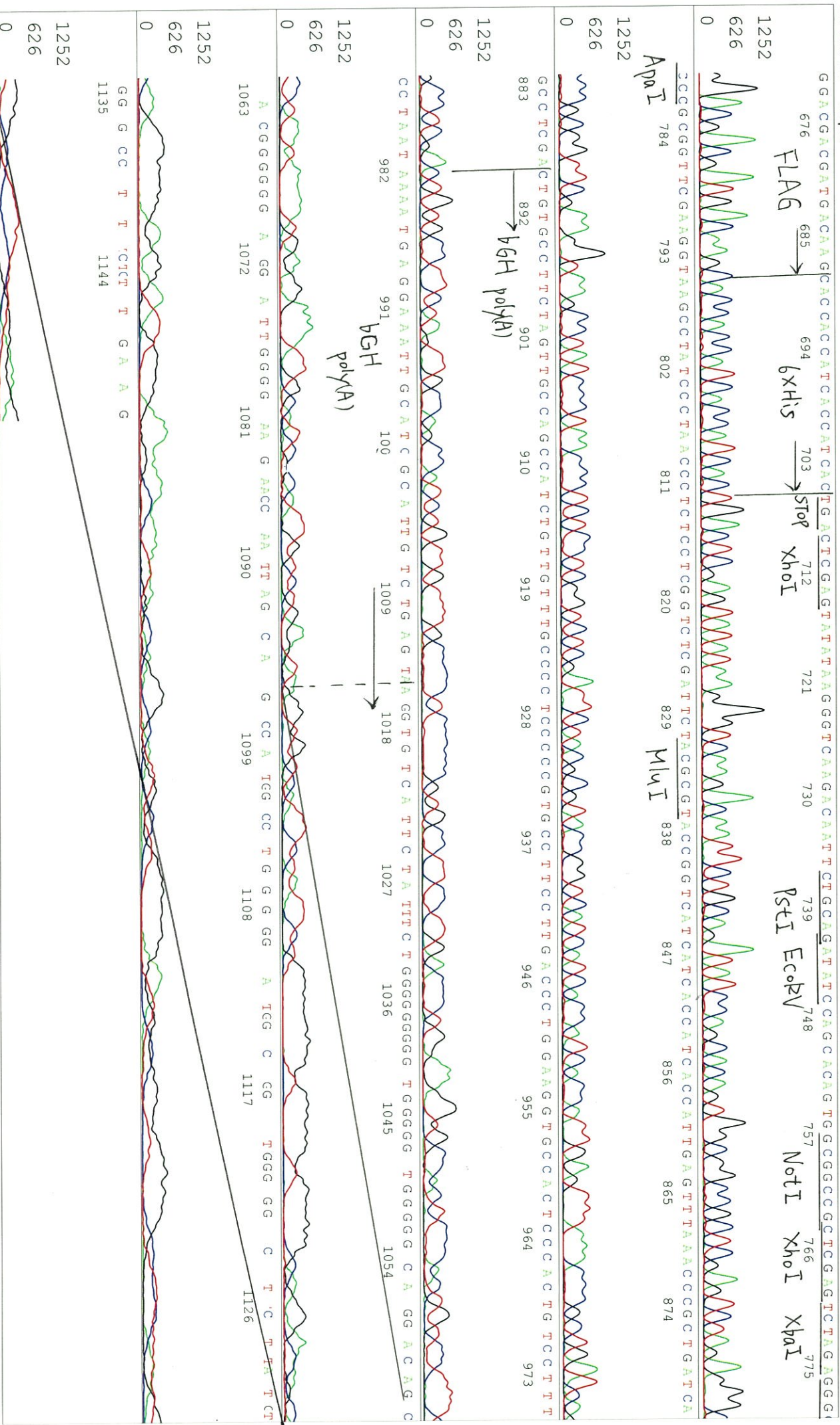
TCGTTCTAC TCCGCCCCA TTGACGCCAAATGGGCTAGGCCGTGGTACCCTATTAAAGCAGAGCTCCTCTGGCTAACTAGGAAACCCTGCTTACTGGCTTA
 118 127 136 145 154 163 172 181 190 199 208 217
 T17 promoter HindIII KpmI SacI BamHI EcoRI HEIFSA
 0 626 1252
 CGAGACAGAG ATGCA GGGGCCCTCAGCCACCTTCCCAATGCA GTCTCAGCATTACGTAA GAAATGGCTTTGGTGCTCAAAGCCGCCATGTAAGATCGTCGAATGTCAC

RefSeq: NM_0019170.4 (238..)
 1252 626 0
 TT CGAAGACT GGCAAGCA CGGCCACGCCAAGGTCCATCTGGTTGGTATTGACATCTT TACTGGG AAGAATATGAAGATATCTGCCCGTCAAC TCATAATAGGATGTCCCCA

WT
 1252 626 0
 CATCAAAA GGAATGAC TTCCAAGTCGATTGGCCATCCA GGAATGGTACTATCA CTGCTCCA GACAGCCGGGAGGATAC GAAGGATCGTCTCCTGAGGGAGACTTGGC

1252 626 0
 AAAGGAGATTGAGCGAGAA GTACTCGGTGGAGAA GATCTCC GATCACC GTGCTGCTGCCATGACAGAGGAGGCCAGC TGTGCAATCAAGGCCATGGC AAAAGATTACA

568 577 586 595 604 613 622 631 640 649 658 667
 RefSeq: M1_001970.4 (238..619) HEIFSA FLAG



S/N G:847 A:653 T:688 C:1019

primer name β : SV40pro_F

KB.bcp

5'-TATTATGCAGAGGCCGAGG-3'

KB 1.4.1.8 Cap.9

Version 6.0 HISQV Bases: 990

